Back To Article

COMPONENT CONNECTOR END VIEWS - INDEX

COMPONENT CONNECTOR END VIEWS - INDEX

Description
A3L Sunshade - Left
A3R Sunshade - Right
A4 Hybrid/EV Battery Pack X1 (HP9)
A4 Hybrid/EV Battery Pack X2 (HP9)
A4 Hybrid/EV Battery Pack X3 (HP9)
A7 Fuel Pump and Level Sensor Assembly
A10 Inside Rearview Mirror X1
A10 Inside Rearview Mirror X2 (DRZ)
A11 Radio X1 (HP9)
A11 Radio X1 (KL9)
A11 Radio X2
A11 Radio X4
A11 Radio X5
A11 Radio X6 (U2M)
A11 Radio X9 (U2Q)
A16 Transfer Case Motor (F46)
A23C Liftgate Latch Assembly (HP9+(TC2/TL9))
A23C Liftgate Latch Assembly (KL9+(TC2/TL9))
A23D Door Latch Assembly - Driver
A23LR Door Latch Assembly - Left Rear
A23P Door Latch Assembly - Passenger
A23RR Door Latch Assembly - Right Rear
A24D Door Handle Assembly - Driver Exterior (HD7)
A24D Door Handle Assembly - Driver Exterior (-HD7)
A24LR Door Handle Assembly - Left Rear Exterior (HD7)
A24LR Door Handle Assembly - Left Rear Exterior (-HD7)
A24P Door Handle Assembly - Passenger Exterior (HD7)
A24P Door Handle Assembly - Passenger Exterior (-HD7)
A24RR Door Handle Assembly - Right Rear Exterior (HD7)
A24RR Door Handle Assembly - Right Rear Exterior (-HD7)
A26 HVAC Controls
A33 Media Disc Player X1 (UWG)
A33 Media Disc Player X1 (WCN)
A33 Media Disc Player X2 (UWG)
A33 Media Disc Player X3 (UWG)
A33 Media Disc Player X4 (UWG)
A33 Media Disc Player X5 (UWG)
A33 Media Disc Player X6 (UWG)
A34 HVAC Controls - Auxiliary (C24)
B1C A/C Low Side Pressure Sensor (HP9)
B1 A/C Refrigerant Pressure Sensor (HP9)
B1 A/C Refrigerant Pressure Sensor (KL9)

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Description
B5LF Wheel Speed Sensor - Left Front
B5LR Wheel Speed Sensor - Left Rear
B5RF Wheel Speed Sensor - Right Front
B5RR Wheel Speed Sensor - Right Rear
B7D Air Temperature Sensor - Duct Left Lower
B7E Air Temperature Sensor - Duct Right Lower
B7H Air Temperature Sensor - Duct Left Upper
B7J Air Temperature Sensor - Duct Right Upper
B7Q Air Temperature Sensor - Duct Center Console Auxiliary (CJ2)
B7SL Air Temperature Sensor - Duct Left Upper Auxiliary (C24)
B7SR Air Temperature Sensor - Duct Right Upper Auxiliary (C24)
B7TL Air Temperature Sensor - Duct Left Lower Auxiliary (C24)
B7TR Air Temperature Sensor - Duct Right Lower Auxiliary (C24)
B9 Ambient Air Temperature Sensor
B10B Ambient Light/Sunload Sensor (KL9)
B15 Transmission Internal Mode Switch
B15 Transmission Internal Mode Switch (HP9)
B17 Barometric Pressure Sensor (LGW)
B18 Battery Current Sensor (HP9)
B19B Brake Booster Vacuum Sensor
B20 Brake Fluid Level Switch
B22 Brake Pedal Position Sensor
B23A Camshaft Position Sensor - Bank 1 Exhaust (LGW/LGX)
B23B Camshaft Position Sensor - Bank 1 Intake (LGW/LGX)
B23C Camshaft Position Sensor - Bank 2 Exhaust (LGW/LGX)
B23D Camshaft Position Sensor - Bank 2 Intake (LGW/LGX)
B23E Camshaft Position Sensor - Exhaust (LTG)
B23F Camshaft Position Sensor - Intake (LTG)
B24 Cellular Phone Microphone
B26 Crankshaft Position Sensor (LGW)
B26 Crankshaft Position Sensor (LGX)
B26 Crankshaft Position Sensor (LTG)
B32A Hybrid/EV Battery Temperature Sensor 1 (HP9)
B32B Hybrid/EV Battery Temperature Sensor 2 (HP9)
B32C Hybrid/EV Battery Temperature Sensor 3 (HP9)
B32D Hybrid/EV Battery Temperature Sensor 4 (HP9)
B32E Hybrid/EV Battery Temperature Sensor 5 (HP9)
B32F Hybrid/EV Battery Temperature Sensor 6 (HP9)
B34 Engine Coolant Temperature Sensor (LGW/LGX)
B34 Engine Coolant Temperature Sensor (LTG+HP9)
B34 Engine Coolant Temperature Sensor (LTG+KL9)
B35 Engine Oil Level Switch (LGW/LGX)
B35 Engine Oil Level Switch (LTG)
B37B Engine Oil Pressure Sensor (LGW/LGX)
B37B Engine Oil Pressure Sensor (LTG)
B39 A/C Evaporator Temperature Sensor
B47B Fuel Rail Pressure Sensor (LTG)
B47 Fuel Pressure Sensor
B52A Heated Oxygen Sensor 1 (LTG)
B52B Heated Oxygen Sensor 2 (LTG)
B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LGW)
B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LGX)

Description
B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LGW/LGX)
B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LGW)
B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LGX)
B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LGW/LGX)
B55 Hood Ajar Switch
B59L Front Impact Sensor - Left
B59R Front Impact Sensor - Right
B61P Seat Belt Tension Sensor - Passenger
B62P Seat Position Sensor - Passenger
B63LF Side Impact Sensor - Left Front
B63LR Side Impact Sensor - Left Rear
B63RF Side Impact Sensor - Right Front
B63RR Side Impact Sensor - Right Rear
B68A Knock Sensor 1 (LGW)
B68A Knock Sensor 1 (LGX/LTG)
B68B Knock Sensor 2 (LGW)
B68B Knock Sensor 2 (LGX/LTG)
B70 Liftgate Close Switch (TC2/TL9)
B74 Manifold Absolute Pressure Sensor (LGW/LGX)
B74 Manifold Absolute Pressure Sensor (LTG)
B75B Mass Air Flow/Intake Air Temperature Sensor (LGW)
B75C Multifunction Intake Air Sensor (LGW)
B75C Multifunction Intake Air Sensor (LGX)
B75C Multifunction Intake Air Sensor (LTG)
B77LF Radio Volume Compensator Interior Noise Microphone - Left Front
B77R Radio Volume Compensator Interior Noise Microphone - Rear
B77RF Radio Volume Compensator Interior Noise Microphone - Right Front
B82F Pedestrian Impact Detection Sensor - Upper Beam Front X1 (B3T)
B82F Pedestrian Impact Detection Sensor - Upper Beam Front X2 (B3T)
B87 Rearview Camera (UVC)
B87 Rearview Camera X1 (UVH)
B87 Rearview Camera X2 (DRZ)
B107 Accelerator Pedal Position Sensor (HP9)
B107 Accelerator Pedal Position Sensor (KL9)
B108 Air Quality Sensor (HP9)
B108 Air Quality Sensor (KL9)
B109 Transfer Case Fluid Temperature Sensor (F46)
B110 Battery Sensor Module X1
B110 Battery Sensor Module X2
B111B Turbocharger Boost/Intake Air Temperature Sensor (LGW)
B111B Turbocharger Boost/Intake Air Temperature Sensor (LTG+HP9)
B111B Turbocharger Boost/Intake Air Temperature Sensor (LTG+KL9)
B117 Rain Sensor
B118B Windshield Washer Fluid Level Switch
B150 Fuel Tank Pressure Sensor
B152LF Suspension Position Sensor - Left Front (F55/TR7)
B152LR Suspension Position Sensor - Left Rear (F55/TR7)
B152RF Suspension Position Sensor - Right Front (F55)
B152RR Suspension Position Sensor - Right Rear (F55)
B153D Seat Belt Buckle - Driver
B153P Seat Belt Buckle - Passenger
B165 Content Theft Deterrent Sensor Module (UTU/UTV)

Description
B166LF Advanced Parking Assist Side Object Sensor - Left Front (UFQ)
B166LR Advanced Parking Assist Side Object Sensor - Left Rear (UFQ)
B166RF Advanced Parking Assist Side Object Sensor - Right Front (UFQ)
B166RR Advanced Parking Assist Side Object Sensor - Right Rear (UKG)
B174G Frontview Camera - Grille (UVH)
B174W Frontview Camera - Windshield (HP9+(UHX/UEU))
B187 Fuel Level Sensor Assembly
B197 Charge Port Door Position Switch (HP9)
B201 Brake Control Brake Pedal Position Sensor (HP9)
B202 Hybrid/EV Electronics Coolant Temperature Sensor (HP9)
B204A Hybrid/EV Battery Pack Coolant Temperature Sensor 1 (HP9)
B208 Fuel Fill Door Status Switch Assembly (HP9)
B218L Side Object Sensor Module - Left (UKC)
B218R Side Object Sensor Module - Right (UKC)
B225L Sideview Camera - Left (UVH)
B225R Sideview Camera - Right (UVH)
B228A Drive Motor 1 Position Sensor (HP9)
B228B Drive Motor 2 Position Sensor (HP9)
B233B Radar Sensor Module - Long Range (UGN+HP9)
B233B Radar Sensor Module - Long Range (UGN-KL9)
B233LF Radar Sensor Module - Short Range Left Front (UGN)
B233R Radar Sensor Module - Short Range Rear (UGN)
B233RF Radar Sensor Module - Short Range Right Front (UGN)
B258 Hybrid/EV Battery Coolant Level Switch (HP9)
B276 Night Vision Camera (UV3)
B280 Automatic Transmission Accumulator Solenoid Valve
B305 Ambient Light/Sunload Sensor and Battery State of Charge Indicator (HP9)
B78A Front Object Sensor - Left Outer
B78C Front Object Sensor - Left Middle
B78D Front Object Sensor - Right Middle
B78B Front Object Sensor - Right Outer
B78G Rear Object Sensor - Left Outer
B78E Rear Object Sensor - Left Middle
B78F Rear Object Sensor - Right Middle
B78H Rear Object Sensor - Right Outer
B310 Fuel Pressure/Temperature Sensor (LGW/LGX)
C1 Battery (+)
C3 Telematics Communication Interface Control Module Battery (UE1)
C4A Hybrid/EV Battery Section 1 X1 (HP9)
C4A Hybrid/EV Battery Section 1 X2 (HP9)
C4B Hybrid/EV Battery Section 2 X1 (HP9)
C4B Hybrid/EV Battery Section 2 X3 (HP9)
C4C Hybrid/EV Battery Section 3 X1 (HP9)
C4C Hybrid/EV Battery Section 3 X2 (HP9)
C5A Hybrid/EV Battery Module 1 (HP9)
C5B Hybrid/EV Battery Module 2 X1 (HP9)
C5B Hybrid/EV Battery Module 2 X2 (HP9)
C5C Hybrid/EV Battery Module 3 (HP9)
C5D Hybrid/EV Battery Module 4 (HP9)
C5E Hybrid/EV Battery Module 5 (HP9)
C5F Hybrid/EV Battery Module 6 (HP9)
E1D Accent Lamp - Driver Door (TSQ)

Description
E1G Accent Lamp - Left Instrument Panel (TSQ)
E1H Accent Lamp - Right Instrument Panel (TSQ)
E1LR Accent Lamp - Left Rear Door (LTP)
E1P Accent Lamp - Passenger Door (TSQ)
E1RR Accent Lamp - Right Rear Door (TSQ)
E2LF Side Marker Lamp - Left Front
E2RF Side Marker Lamp - Right Front
E4A Cornering Lamp - Left (T87)
E4B Cornering Lamp - Right (T87)
E5A Backup Lamp - Left (-T79)
E5B Backup Lamp - Right (-T79)
E6 Center High Mounted Stop Lamp
E7L License Plate Lamp - Left (HP9)
E7L License Plate Lamp - Left (KL9)
E7R License Plate Lamp - Right (HP9)
E7R License Plate Lamp - Right (KL9)
E8A Door Sill Plate Lamp - Driver (B7G)
E8B Door Sill Plate Lamp - Passenger (B7G)
E8D Door Courtesy Lamp - Driver
E8E Rear Compartment Courtesy Lamp - Left
E8F Rear Compartment Courtesy Lamp - Right
E8LR Door Courtesy Lamp - Left Rear
E8P Door Courtesy Lamp - Passenger
E8Q Door Sill Plate Lamp - Left Rear (B7G)
E8R Door Sill Plate Lamp - Right Rear (B7G)
E8RR Door Courtesy Lamp - Right Rear
E8SA Rear Compartment Courtesy Lamp - Left Outer (AQ9)
E8SB Rear Compartment Courtesy Lamp - Left Middle (AQ9)
E8SC Rear Compartment Courtesy Lamp - Middle (AQ9)
E8SD Rear Compartment Courtesy Lamp - Right Middle (AQ9)
E8SE Rear Compartment Courtesy Lamp - Right Outer (AQ9)
E8VB Floor Courtesy Lamp - Left Rear (TSQ)
E8VD Floor Courtesy Lamp - Right Rear (TSQ)
E14A Seat Heating Element - Driver Back (KA1)
E14B Seat Heating Element - Driver Cushion (KA1)
E14C Seat Heating Element - Passenger Back (KA1)
E14D Seat Heating Element - Passenger Cushion (KA1)
E14E Seat Heating Element - Left Rear Back (KA6+AQ9)
E14E Seat Heating Element - Left Rear Back (KA6-AQ9)
E14F Seat Heating Element - Left Rear Cushion (KA6+AQ9)
E14F Seat Heating Element - Left Rear Cushion (KA6-AQ9)
E14G Seat Heating Element - Right Rear Back (KA6+AQ9)
E14G Seat Heating Element - Right Rear Back (KA6-AQ9)
E14H Seat Heating Element - Right Rear Cushion (KA6+AQ9)
E14H Seat Heating Element - Right Rear Cushion (KA6-AQ9)
E18 Rear Defogger Grid X1
E18 Rear Defogger Grid X2
E27 Instrument Panel Compartment Lamp
E28 Center Console Compartment Lamp
E29R Fog Lamp - Rear (T79)
E31L Sunshade Mirror Lamp - Left
E31R Sunshade Mirror Lamp - Right

Description
E32F Cigarette Lighter Receptacle - Front (DUJ/SAO)
E32R Cigarette Lighter Receptacle - Rear (DUJ)
E37LF Dome/Reading Lamps - Left Front
E37LR Dome/Reading Lamps - Left Rear
E37RF Dome/Reading Lamps - Right Front
E37RR Dome/Reading Lamps - Right Rear
E42L Tail Lamp Assembly - Left (TVN)
E42L Tail Lamp Assembly - Left (-TVN)
E42R Tail Lamp Assembly - Right (TVN)
E42R Tail Lamp Assembly - Right (-TVN)
E63D Flood Lamp - Driver Door Handle
E63LR Flood Lamp - Left Rear Door Handle
E63P Flood Lamp - Passenger Door Handle
E63RR Flood Lamp - Right Rear Door Handle
E64D Flood Lamp - Driver Door Pull Handle
E64LR Flood Lamp - Left Rear Door Pull Handle
E64P Flood Lamp - Passenger Door Pull Handle
E64RR Flood Lamp - Right Rear Door Pull Handle
E75L Rear Compartment Sill Plate Lamp - Left (AQ9)
E75R Rear Compartment Sill Plate Lamp - Right (AQ9)
E80LI Floor Courtesy Lamp - Left Front Inner
E80LO Floor Courtesy Lamp - Left Front Outer
E80RI Floor Courtesy Lamp - Right Front Inner
E80RO Floor Courtesy Lamp - Right Front Outer
F100L Hood Hinge Actuator - Left (B3T)
F100R Hood Hinge Actuator - Right (B3T)
F101 Passenger Instrument Panel Air Bag X1
F101 Passenger Instrument Panel Air Bag X2
F105L Roof Rail Air Bag - Left
F105R Roof Rail Air Bag - Right
F106LF Seat Side Air Bag - Left Front
F106RF Seat Side Air Bag - Right Front
F107 Steering Wheel Air Bag
F112D Seat Belt Retractor Pretensioner - Driver
F112P Seat Belt Retractor Pretensioner - Passenger X1
F112P Seat Belt Retractor Pretensioner - Passenger X2
F113D Seat Belt Anchor Pretensioner - Driver
F113P Seat Belt Anchor Pretensioner - Passenger
F114D Knee Air Bag - Driver
F114P Knee Air Bag - Passenger
G1 A/C Compressor X1 (HP9)
G1 A/C Compressor X2 (HP9)
G5 Transmission Fluid Pump - Electric/Auxiliary (HP9)
G10 Cooling Fan Motor (HP9)
G10 Cooling Fan Motor (KL9)
G13 Generator X1 (KL9)
G13 Generator X2 (KL9)
G17 Heater Coolant Pump
G18 High Pressure Fuel Pump (HP9)
G18 High Pressure Fuel Pump (KL9)
G24 Windshield Washer Pump
G31D Seat Lumbar/Bolster Pump - Driver (AQ9/AR9)

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Description
G31LR Seat Lumbar/Bolster Pump - Left Rear (AQ9)
G31P Seat Lumbar/Bolster Pump - Passenger (AQ9/AR9)
G31RR Seat Lumbar/Bolster Pump - Right Rear (AQ9)
G35 Hybrid/EV Electronics Coolant Pump (HP9)
G36 Auxiliary Heater Coolant Pump (HP9)
G37 Hybrid/EV Battery Pack Coolant Pump
G52 Night Vision Camera Washer Pump (UV3)
K1 14V Power Module X1 (HP9)
K1 14V Power Module X2 (HP9)
K1 14V Power Module X3 (HP9)
K1 14V Power Module X4 (HP9)
K8A Blower Motor Control Module - Auxiliary X1 (C24)
K8A Blower Motor Control Module - Auxiliary X2 (C24)
K9 Body Control Module X1
K9 Body Control Module X2
K9 Body Control Module X3
K9 Body Control Module X4
K9 Body Control Module X5
K9 Body Control Module X6
K9 Body Control Module X7
K10 Coolant Heater Control Module X2 (HP9)
K16 Battery Energy Control Module X1 (HP9)
K16 Battery Energy Control Module X2 (HP9)
K16 Battery Energy Control Module X3 (HP9)
K16 Battery Energy Control Module X4 (HP9)
K16 Battery Energy Control Module X5 (HP9)
K16 Battery Energy Control Module X6 (HP9)
K16 Battery Energy Control Module X7 (HP9)
K16 Battery Energy Control Module X8 (HP9)
K17 Electronic Brake Control Module (HP9)
K17 Electronic Brake Control Module (KL9)
K19 Suspension Control Module (F55)
K20 Engine Control Module X1 (LGW)
K20 Engine Control Module X1 (LGX)
K20 Engine Control Module X1 (LTG+HP9)
K20 Engine Control Module X1 (LTG+KL9)
K20 Engine Control Module X2 (LGW)
K20 Engine Control Module X2 (LGX)
K20 Engine Control Module X2 (LTG+HP9)
K20 Engine Control Module X2 (LTG+KL9)
K20 Engine Control Module X3 (LGW)
K20 Engine Control Module X3 (LGX)
K20 Engine Control Module X3 (LTG+HP9)
K20 Engine Control Module X3 (LTG+KL9)
K20 Engine Control Module X4 (LGW)
K26 Headlamp Control Module (HP9)
K26 Headlamp Control Module (KL9)
K29F Seat Heating Control Module - Front X1 (KA1)
K29F Seat Heating Control Module - Front X2 (KA1)
K29R Seat Heating Control Module - Rear X1 (KA6+AQ9)
K29R Seat Heating Control Module - Rear X1 (KA6-AQ9)
K29R Seat Heating Control Module - Rear X2 (KA6+AQ9)

Description
K29R Seat Heating Control Module - Rear X2 (KA6-AQ9)
K31 Navigation Control Module X1 (CW1)
K31 Navigation Control Module X2 (CW1)
K31 Navigation Control Module X3 (CW1)
K31 Navigation Control Module X4 (CW1)
K31 Navigation Control Module X5 (CW1)
K31 Navigation Control Module X6 (CW1)
K31 Navigation Control Module X7 (CW1)
K32 Steering Wheel Heating Control Module X1 (UVD)
K32 Steering Wheel Heating Control Module X2 (UVD)
K33 HVAC Control Module X1
K33 HVAC Control Module X2
K33 HVAC Control Module X3
K33 HVAC Control Module X4
K36 Inflatable Restraint Sensing and Diagnostic Module X1
K36 Inflatable Restraint Sensing and Diagnostic Module X2
K39 Liftgate Control Module X1 (HP9+(TC2/TL9))
K39 Liftgate Control Module X1 (KL9+(TC2/TL9))
K39 Liftgate Control Module X2 (HP9+(TC2/TL9))
K39 Liftgate Control Module X2 (KL9+(TC2/TL9))
K39 Liftgate Control Module X3 (HP9+(TC2/TL9))
K39 Liftgate Control Module X3 (KL9+(TC2/TL9))
K40D Seat Memory Control Module - Driver X1
K40D Seat Memory Control Module - Driver X2
K40D Seat Memory Control Module - Driver X3
K40D Seat Memory Control Module - Driver X4 (AQ9)
K40D Seat Memory Control Module - Driver X5
K40D Seat Memory Control Module - Driver X6
K40LR Seat Memory Control Module - Left Rear X1 (AQ9)
K40LR Seat Memory Control Module - Left Rear X2 (AQ9)
K40LR Seat Memory Control Module - Left Rear X3 (AQ9)
K40LR Seat Memory Control Module - Left Rear X4 (AQ9)
K40LR Seat Memory Control Module - Left Rear X5 (AQ9)
K40LR Seat Memory Control Module - Left Rear X6 (AQ9)
K40P Seat Memory Control Module - Passenger X1
K40P Seat Memory Control Module - Passenger X2
K40P Seat Memory Control Module - Passenger X3
K40P Seat Memory Control Module - Passenger X4 (AQ9)
K40P Seat Memory Control Module - Passenger X5
K40P Seat Memory Control Module - Passenger X6
K40RR Seat Memory Control Module - Right Rear X1 (AQ9)
K40RR Seat Memory Control Module - Right Rear X2 (AQ9)
K40RR Seat Memory Control Module - Right Rear X3 (AQ9)
K40RR Seat Memory Control Module - Right Rear X4 (AQ9)
K40RR Seat Memory Control Module - Right Rear X5 (AQ9)
K40RR Seat Memory Control Module - Right Rear X6 (AQ9)
K43 Power Steering Control Module X1
K43 Power Steering Control Module X2
K43 Power Steering Control Module X2 (LGW)
K43 Power Steering Control Module X2 (LGX)
K43 Power Steering Control Module X2 (LTG)
K50 Rear Window Sunshade Module X1 (DB3)

Description
K50 Rear Window Sunshade Module X2 (DB3)
K53D Seat Blower Assembly - Driver Back (KU9)
K53LR Seat Blower Assembly - Left Rear Back (AQ9)
K53P Seat Blower Assembly - Passenger Back (KU9)
K53RR Seat Blower Assembly - Right Rear Back (AQ9)
K55D Seat Blower Assembly - Driver Cushion (KU9)
K55LR Seat Blower Assembly - Left Rear Cushion (AQ9)
K55P Seat Blower Assembly - Passenger Cushion (KU9)
K55RR Seat Blower Assembly - Right Rear Cushion (AQ9)
K56 Serial Data Gateway Module X1
K56 Serial Data Gateway Module X2
K60 Steering Column Lock Module
K69 Transfer Case Control Module X1 (F46)
K69 Transfer Case Control Module X2 (F46)
K71 Transmission Control Module (HP9)
K71 Transmission Control Module (KL9)
K73 Telematics Communication Interface Control Module X1 (UE1)
K73 Telematics Communication Interface Control Module X2 (UE1)
K73 Telematics Communication Interface Control Module X5 (IO6+(EF7/Z49/C4E))
K73 Telematics Communication Interface Control Module X7 (IO6+(EF7/Z49/C4E))
K74 Human Machine Interface Control Module X1
K74 Human Machine Interface Control Module X2
K74 Human Machine Interface Control Module X3 (-CW1)
K74 Human Machine Interface Control Module X5
K74 Human Machine Interface Control Module X7 (IO6+(EF7/Z49/C4E))
K77 Remote Control Door Lock Receiver
K80 Sunroof Sunshade Control Module (C3U)
K84 Keyless Entry Control Module X1
K84 Keyless Entry Control Module X2
K85 Passenger Presence Module
K89 Immobilizer Control Module
K92 Rear Wheel Steering Control Module X1 (NYS)
K92 Rear Wheel Steering Control Module X2 (NYS)
K96 Mirror Control Module
K99 Steering Column Position Control Module X1
K99 Steering Column Position Control Module X2
K111 Fuel Pump Driver Control Module (HP9)
K111 Fuel Pump Driver Control Module (KL9)
K114B Hybrid/EV Powertrain Control Module 2 X1 (HP9)
K114B Hybrid/EV Powertrain Control Module 2 X2 (HP9)
K124 Active Safety Control Module X1 (HP9+(UGN/UVZ))
K124 Active Safety Control Module X1 (KL9+(UGN/UVZ))
K124 Active Safety Control Module X2 (HP9+(UGN/UVZ))
K124 Active Safety Control Module X2 (KL9+(UGN/UVZ))
K132 Pedestrian Alert Sound Control Module (HP9)
K134D Seat Bolster Memory Control Module - Driver (AQ9/AR9)
K134LR Seat Bolster Memory Control Module - Left Rear (AQ9)
K134P Seat Bolster Memory Control Module - Passenger (AQ9/AR9)
M101R Seat Belt Retractor Motor Module - Right (AX7)
M104L Park Brake Actuator - Left
M104R Park Brake Actuator - Right
M116D Upper Seat Back Motor - Driver (AQ9)

Description
M116LR Upper Seat Back Motor - Left Rear (AQ9)
M116P Upper Seat Back Motor - Passenger (AQ9)
M116RR Upper Seat Back Motor - Right Rear (AQ9)
M119 Rear Air Flow Control Cut-Off Actuator
P13 Horn Assembly
P14 Passenger Air Bag Disabled Indicator
P16 Instrument Cluster X1
P16 Instrument Cluster X2 (UV6)
P16 Instrument Cluster X3 (UV3)
P17 Info Display Module X1
P17 Info Display Module X2
P17 Info Display Module X3 (CW1/UWG)
P19A Speaker - Center Console (UQH)
P19AA Speaker - Right Subwoofer X1 (UQH)
P19AA Speaker - Right Subwoofer X2 (UQH)
P19AC Speaker - Subwoofer
P19AG Speaker - Left Front Door (UQA/UQS)
P19AG Speaker - Left Front Door (UQH)
P19AH Speaker - Right Front Door (UQA/UQS)
P19AH Speaker - Right Front Door (UQH)
P19AJ Speaker - Left Rear Window Shelf (UQH/UQS)
P19AK Speaker - Right Rear Window Shelf (UQH/UQS)
P19AL Speaker - Left Rear Door (UQA/UQS)
P19AL Speaker - Left Rear Door (UQH)
P19AM Speaker - Right Rear Door (UQA/UQS)
P19AM Speaker - Right Rear Door (UQH)
P19B Speaker - Center Instrument Panel (UQA/UQS)
P19B Speaker - Center Instrument Panel (UQH)
P19C Speaker - Driver Seat Left (UQH)
P19D Speaker - Driver Seat Right (UQH)
P19H Speaker - Left Front Tweeter (UQH)
P19J Speaker - Left Instrument Panel (UQA/UQS)
P19J Speaker - Left Instrument Panel (UQH)
P19M Speaker - Left Rear Tweeter (UQH)
P19N Speaker - Left Subwoofer X1 (UQH)
P19N Speaker - Left Subwoofer X2 (UQH)
P19Q Speaker - Passenger Seat Left (UQH)
P19R Speaker - Passenger Seat Right (UQH)
P19V Speaker - Right Front Tweeter (UQH)
P19W Speaker - Right Instrument Panel (UQA/UQS)
P19W Speaker - Right Instrument Panel (UQH)
P19Z Speaker - Right Rear Tweeter (UQH)
P22E Video Display - Driver Seatback X1 (UWG)
P22E Video Display - Driver Seatback X2 (UWG)
P22F Video Display - Passenger Seatback X1 (UWG)
P22F Video Display - Passenger Seatback X2 (UWG)
P25 Power Sounder Content Theft Deterrent Alarm Module (UTR+HP9)
P25 Power Sounder Content Theft Deterrent Alarm Module (UTR+KL9)
P29 Head-Up Display X1 (UV6)
P29 Head-Up Display X2 (UV6)
P43 Collision Alert Indicators (UHX-UGN)
P45LR Seat Haptic Movement Motor - Driver Left Rear (UEU/UHX)

Description
P45RR Seat Haptic Movement Motor - Driver Right Rear (UEU/UHX)
P48 Pedestrian Alert Sound Speaker (HP9)
Q2 A/C Compressor Clutch (HP9)
Q2 A/C Compressor Clutch (KL9)
Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust (LGW/LGX)
Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake (LGW/LGX)
Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust (LGW/LGX)
Q6D Camshaft Position Actuator Solenoid Valve - Bank 2 Intake (LGW/LGX)
Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LTG)
Q6F Camshaft Position Actuator Solenoid Valve - Intake (LTG)
Q12 Evaporative Emission Purge Solenoid Valve
Q13 Evaporative Emission Vent Solenoid Valve (HP9)
Q13 Evaporative Emission Vent Solenoid Valve (KL9)
Q13 Evaporative Emission Vent Solenoid Valve (KL9)
Q17A Fuel Injector 1 (LTG)
Q17B Fuel Injector 2 (LGW/LGX)
Q17B Fuel Injector 2 (LTG)
Q17C Fuel Injector 3 (LGW/LGX)
Q17C Fuel Injector 3 (LTG)
Q17D Fuel Injector 4 (LGW/LGX)
Q17D Fuel Injector 4 (LTG)
Q17E Fuel Injector 5 (LGW/LGX)
Q17F Fuel Injector 6 (LGW/LGX)
Q32A Shift Solenoid Valve 1 (MRD)
Q37LF Shock Absorber Actuator - Left Front (F55)
Q37LR Shock Absorber Actuator - Left Rear (F55)
Q37RF Shock Absorber Actuator - Right Front (F55)
Q37RR Shock Absorber Actuator - Right Rear (F55)
Q38 Throttle Body (LGW)
Q38 Throttle Body (LGX/LTG)
Q40A Turbocharger 1 Bypass Solenoid Valve (LGW)
Q40B Turbocharger 2 Bypass Solenoid Valve (LGW)
Q40 Turbocharger Bypass Solenoid Valve (LTG)
Q42A Turbocharger 1 Wastegate Solenoid Valve (LGW)
Q42B Turbocharger 2 Wastegate Solenoid Valve (LGW)
Q42 Turbocharger Wastegate Solenoid Valve (LTG)
Q44 Engine Oil Pressure Control Solenoid Valve (LGW/LGX)
Q44 Engine Oil Pressure Control Solenoid Valve (LTG)
Q46 A/C Compressor Solenoid Valve (KL9)
Q63 Evaporative Emission System Leak Detection Pump Assembly (HP9)
Q66 Passenger Compartment Heater Coolant Control Valve (HP9)
Q77A Transmission Control Solenoid Valve 1 (M5N/M5X)
Q77A Transmission Control Solenoid Valve 1 (MRD)
Q77B Transmission Control Solenoid Valve 2 (M5N/M5X)
Q77B Transmission Control Solenoid Valve 2 (MRD)
Q77C Transmission Control Solenoid Valve 3 (M5N/M5X)
Q77C Transmission Control Solenoid Valve 3 (MRD)
Q77D Transmission Control Solenoid Valve 4 (M5N/M5X)
Q77D Transmission Control Solenoid Valve 4 (MRD)
Q77E Transmission Control Solenoid Valve 5 (M5N/M5X)
Q77E Transmission Control Solenoid Valve 5 (MRD)
Q77F Transmission Control Solenoid Valve 6 (M5N/M5X)

Description
Q77F Transmission Control Solenoid Valve 6 (MRD)
Q77G Transmission Control Solenoid Valve 7 (M5N/M5X)
Q77H Transmission Control Solenoid Valve 8 (M5N/M5X)
Q77J Transmission Control Solenoid Valve 9 (M5N/M5X)
Q83A Valve Lifter Oil Solenoid Valve - Bank 1 (LGW/LGX)
Q83B Valve Lifter Oil Solenoid Valve - Bank 2 (LGW/LGX)
Q84A Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake (LGW/LGX)
Q84B Camshaft Position Actuator Park Lock Solenoid Valve - Bank 2 Intake (LGW/LGX)
R6A Terminating Resistor - Mid Speed Bus
R6E Terminating Resistor - High Speed Extension Bus 1
R6F Terminating Resistor - High Speed Extension Bus 2 ((UQA/UQS)+KL9))
R6F Terminating Resistor - High Speed Extension Bus 2 (UQH/(UQA/UQS)+HP9)
R6G Terminating Resistor - High Voltage Energy Management Bus ((UQA/UQS)+KL9)
R14L Rear Window Defogger Noise Filter - Left
R14R Rear Window Defogger Noise Filter - Right
S2L Transmission Manual Shift Switch - Left
S2R Transmission Manual Shift Switch - Right
S3 Transmission Shift Lever
S13D Door Lock Switch - Driver
S13P Door Lock Switch - Passenger
S15 Manual Service Disconnect X2 (HP9)
S15 Manual Service Disconnect X3 (HP9)
S25 Garage Door Opener (UG1)
S27 Head-Up Display Switch (UV6)
S33 Horn Switch X1
S33 Horn Switch X2
S35 Instrument Panel Compartment Lamp Switch
S36 Instrument Panel Dimmer Switch
S38 Ignition Mode Switch
S46B Liftgate Unlatch Switch (TC2)
S47D Seat Memory Switch - Driver
S47P Seat Memory Switch - Passenger
S48B Multifunction Switch - Overhead Console
S48C Multifunction Switch 1 - Instrument Panel
S48D Multifunction Switch 2 - Instrument Panel
S48E Multifunction Switch - Center Console
S51 Telematics Button Assembly (UE1)
S52 Outside Rearview Mirror Switch
S58A Rear Compartment Lid Unlatch Switch - Exterior (TC2/TL9)
S58A Rear Compartment Lid Unlatch Switch - Exterior (-TC2/TL9)
S58B Rear Compartment Lid Unlatch Switch - Interior
S64D Seat Adjuster Switch - Driver
S64LR Seat Adjuster Switch - Left Rear (AQ9)
S64P Seat Adjuster Switch - Passenger
S64RR Seat Adjuster Switch - Right Rear (AQ9)
S70A Steering Wheel Controls Switch - Left Lower
S70B Steering Wheel Controls Switch - Right Lower
S70C Steering Wheel Controls Switch - Left Upper
S70D Steering Wheel Controls Switch - Right Upper
S71 Steering Column Tilt and Telescope Switch
S78 Turn Signal/Multifunction Switch
S79D Window Switch - Driver

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Description
S79LR Window Switch - Left Rear
S79P Window Switch - Passenger X1
S79P Window Switch - Passenger X2
S79RR Window Switch - Right Rear
S82 Windshield Wiper/Washer Switch
S90LR Sunshade Switch - Left Rear Door (C3U/DB3)
S90RR Sunshade Switch - Right Rear Door (C3U/DB3)
S91 Park Brake Control Switch
S100LR Seat Heating/Venting/Cooling Switch - Left Rear (KA6+AQ9)
S100LR Seat Heating/Venting/Cooling Switch - Left Rear (KA6-AQ9)
S100RR Seat Heating/Venting/Cooling Switch - Right Rear (KA6+AQ9)
S100RR Seat Heating/Venting/Cooling Switch - Right Rear (KA6-AQ9)
S136 Infotainment Control Touchpad
S140 Media Disc Eject Switch (UWG)
T1 Accessory DC/AC Power Inverter Module X1 (KI6/KI7)
T1 Accessory DC/AC Power Inverter Module X2 (KI6)
T1 Accessory DC/AC Power Inverter Module X2 (KI7)
T2RR Antenna - Roof Rear X1 (IO6-UE1)
T2RR Antenna - Roof Rear X2 (C4E/CZ3)
T2RR Antenna - Roof Rear X2 (EF7/Z49)
T2SR Antenna - Rear Window X1 (IO6-UE1)
T2SR Antenna - Rear Window X2 (CW1/KL9)
T2SR Antenna - Rear Window X3 (CW1)
T3LF Audio Amplifier - Left Front (UQH)
T3R Audio Amplifier - Rear (UQH)
T3RF Audio Amplifier - Right Front (UQH)
T3 Audio Amplifier X1 (UQA+HP9)
T3 Audio Amplifier X1 (UQA+KL9)
T3 Audio Amplifier X1 (UQH)
T3 Audio Amplifier X1 (UQS)
T3 Audio Amplifier X2 (UQA)
T3 Audio Amplifier X2 (UQH)
T3 Audio Amplifier X2 (UQS)
T3 Audio Amplifier X3 (UQA)
T3 Audio Amplifier X3 (UQH)
T3 Audio Amplifier X3 (UQS)
T3 Audio Amplifier X4 (UQA)
T3 Audio Amplifier X4 (UQH)
T3 Audio Amplifier X4 (UQS)
T3 Audio Amplifier X5 (UQH)
T4H Digital Radio Antenna (U2M)
T6 Power Inverter Module X1 (HP9)
T6 Power Inverter Module X2 (HP9)
T6 Power Inverter Module X3 (HP9)
T6 Power Inverter Module X4 (HP9)
T6 Power Inverter Module X5 (HP9)
T6 Power Inverter Module X6 (HP9)
T6 Power Inverter Module X7 (HP9)
T8A Ignition Coil 1 (LGW/LGX)
T8A Ignition Coil 1 (LTG+HP9)
T8A Ignition Coil 1 (LTG+KL9)
T8B Ignition Coil 2 (LGW/LGX)

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Description
T8B Ignition Coil 2 (LTG+HP9)
T8B Ignition Coil 2 (LTG+KL9)
T8C Ignition Coil 3 (LGW/LGX)
T8C Ignition Coil 3 (LTG+HP9)
T8C Ignition Coil 3 (LTG+KL9)
T8D Ignition Coil 4 (LGW/LGX)
T8D Ignition Coil 4 (LTG+HP9)
T8D Ignition Coil 4 (LTG+KL9)
T8E Ignition Coil 5 (LGW/LGX)
T8F Ignition Coil 6 (LGW/LGX)
T10B Keyless Entry Antenna - Instrument Panel Compartment
T10E Keyless Entry Antenna - Rear Compartment
T10G Keyless Entry Antenna - Rear Fascia
T10J Keyless Entry Antenna - Center Console Front
T10L Keyless Entry Antenna - Left Body
T10R Keyless Entry Antenna - Right Body
T12 Automatic Transmission Assembly X1 (HP9)
T12 Automatic Transmission Assembly X2 (HP9)
T15 Navigation Antenna Signal Splitter X1 (UE1+IO6)
T15 Navigation Antenna Signal Splitter X2 (UE1+IO6)
T15 Navigation Antenna Signal Splitter X3 (UE1+IO6)
T18 Battery Charger X1 (HP9)
T18 Battery Charger X2 (HP9)
T18 Battery Charger X3 (HP9)
T19 Power Supply Transformer (KL9)
T22 Mobile Device Wireless Charger Module (K4C)
T23L Radio Antenna Amplifier - Left X1
T23R Radio Antenna Amplifier - Right X1
T23R Radio Antenna Amplifier - Right X2 (U2Q)
T23 Radio Antenna Amplifier X1 (CW1)
V1 Air Ionizer (KEM)
X20 Memory Card Receptacle X1 (XVR)
X20 Memory Card Receptacle X2 (XVR)
X80C Accessory Power Receptacle - Cargo (KC8)
X80F Accessory Power Receptacle - Front (-DUJ/SAO)
X80M Accessory Power Receptacle - Rear Seat (-DUJ)
X81B Accessory Power Receptacle X1 (KI7)
X81B Accessory Power Receptacle - X2 (KI7)
X81 Accessory Power Receptacle - X1 (KI6)
X81 Accessory Power Receptacle - X2 (KI6)
X82 Audio/Video Input Adapter X1 (UWG)
X82 Audio/Video Input Adapter X2 (UWG)
X82 Audio/Video Input Adapter X3 (UWG)
X83 Auxiliary Audio Input X1
X83 Auxiliary Audio Input X2
X84B Auxiliary Data Connector (HP9)
X84 Data Link Connector
X85 Steering Wheel Air Bag Coil X1
X85 Steering Wheel Air Bag Coil X2
X92B USB Receptacle - Rear Seat
X98 Hybrid/EV Battery Charger Receptacle (HP9)

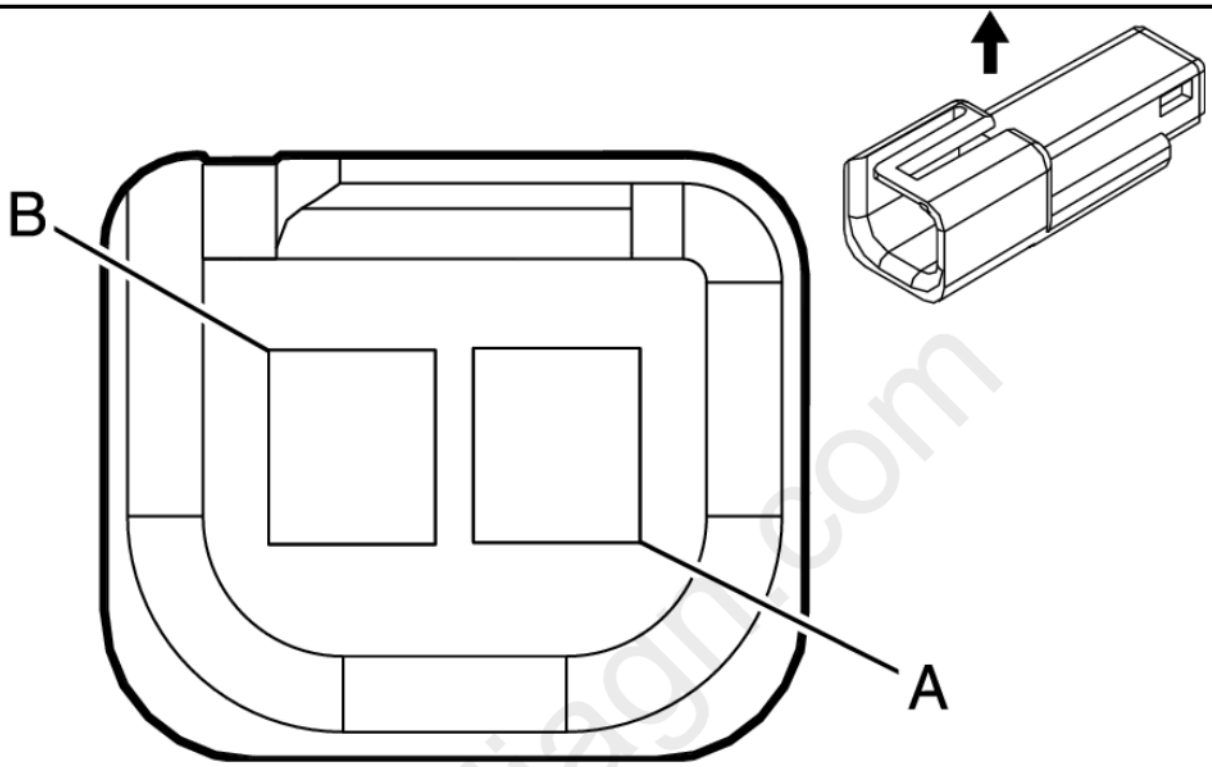
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Back To Article

COMPONENT CONNECTOR END VIEWS

A3L SUNSHADE - LEFT



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

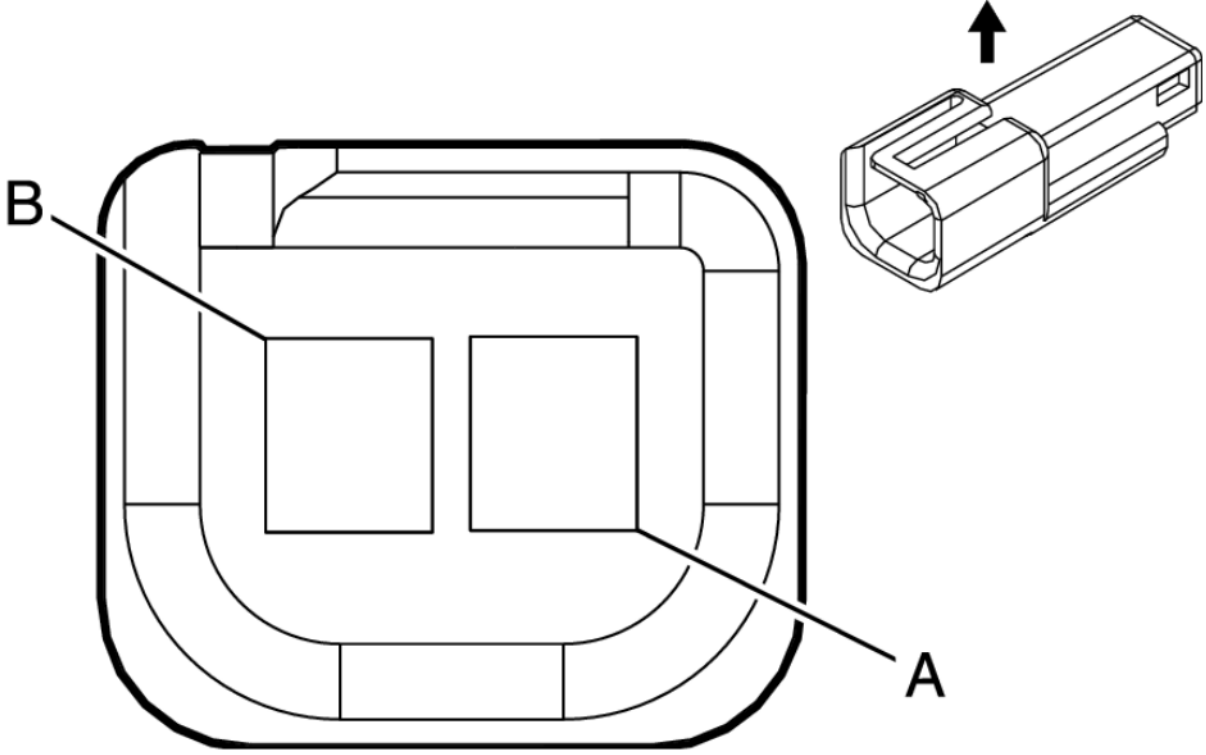
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	1450	Ground	I	-

A3R SUNSHADE - RIGHT



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

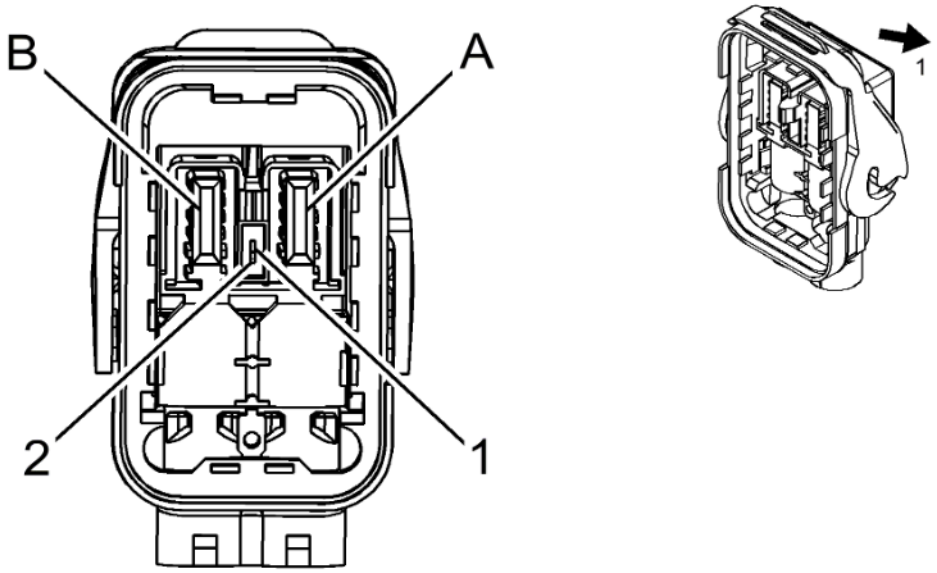
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	1450	Ground	I	-

A4 HYBRID/EV BATTERY PACK X1 (HP9)

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Connector Part Information

- Harness Type: High Voltage Cable
- OEM Connector: 15503140
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000 Series, Sealed

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
A	35	OG	7639	High Voltage Battery Pack Traction Power Inverter Module Positive Control	I	-
B	35	OG	7644	High Voltage Battery Pack Traction Power Inverter Module Negative Control	I	-

A4 HYBRID/EV BATTERY PACK X2 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Extension
- OEM Connector: PE297190
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	40	OG	3966	High Voltage Battery 3 (+)	I	-

A4 HYBRID/EV BATTERY PACK X3 (HP9)

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Connector Part Information

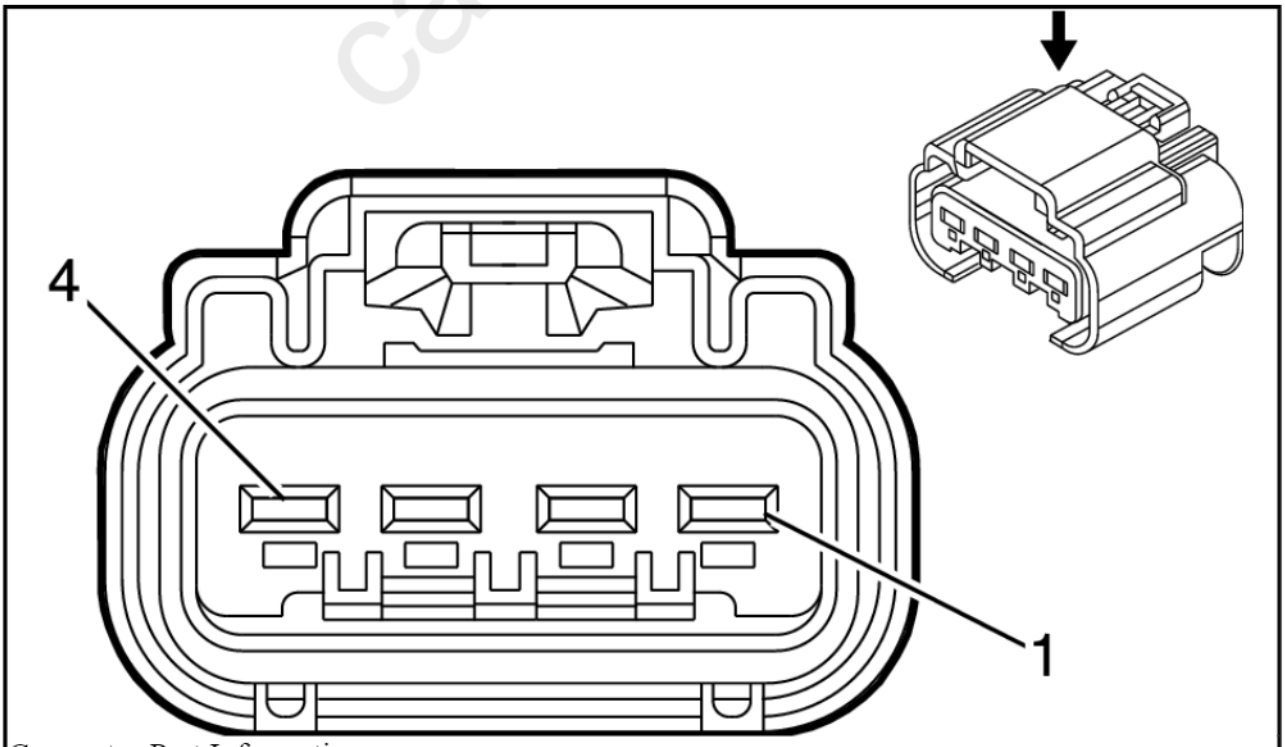
- Harness Type: High Voltage Battery Extension
- OEM Connector: PE297191
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	40	OG	3965	High Voltage Battery 3 (-)	I	-

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY



Connector Part Information

- Harness Type: Fuel Tank

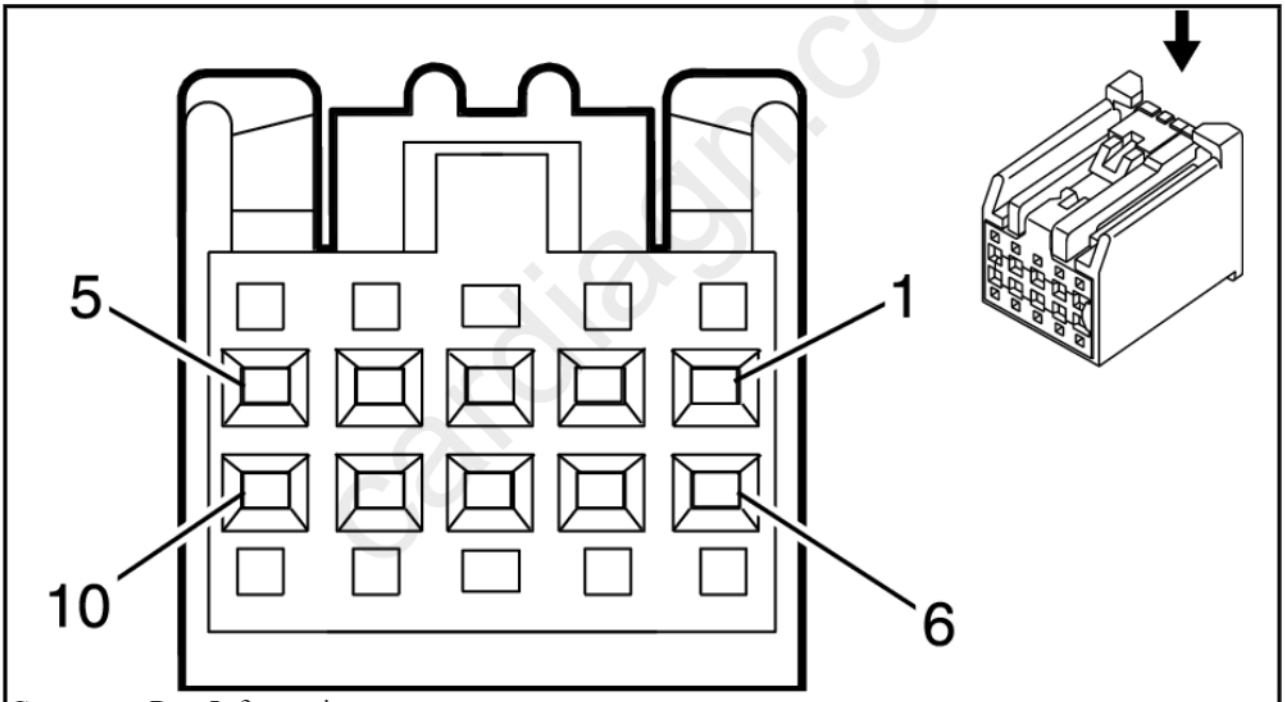
- OEM Connector: 13527865
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 280 GT Series, Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	GY	120	Fuel Pump Control	I	-
2	2	BK/GN	1580	Fuel Pump Low Reference	I	-
3	0.35	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
4	0.35	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-

A10 INSIDE REARVIEW MIRROR X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	24	Backup Lamp Control	I	-
2	0.5	VT/GN	1339	Run/Crank Ignition 1 Voltage	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BK	2150	Ground	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	BK/YE	1691	Automatic Day/Night Mirror Low Reference	I	-
9	0.35	YE/WH	1690	Automatic Day/Night Mirror Signal	I	-
10	-	-	-	Not Occupied	-	-

A10 INSIDE REARVIEW MIRROR X2 (DRZ)

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Connector Part Information

- Harness Type: Body Coax
- OEM Connector: 33255797
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

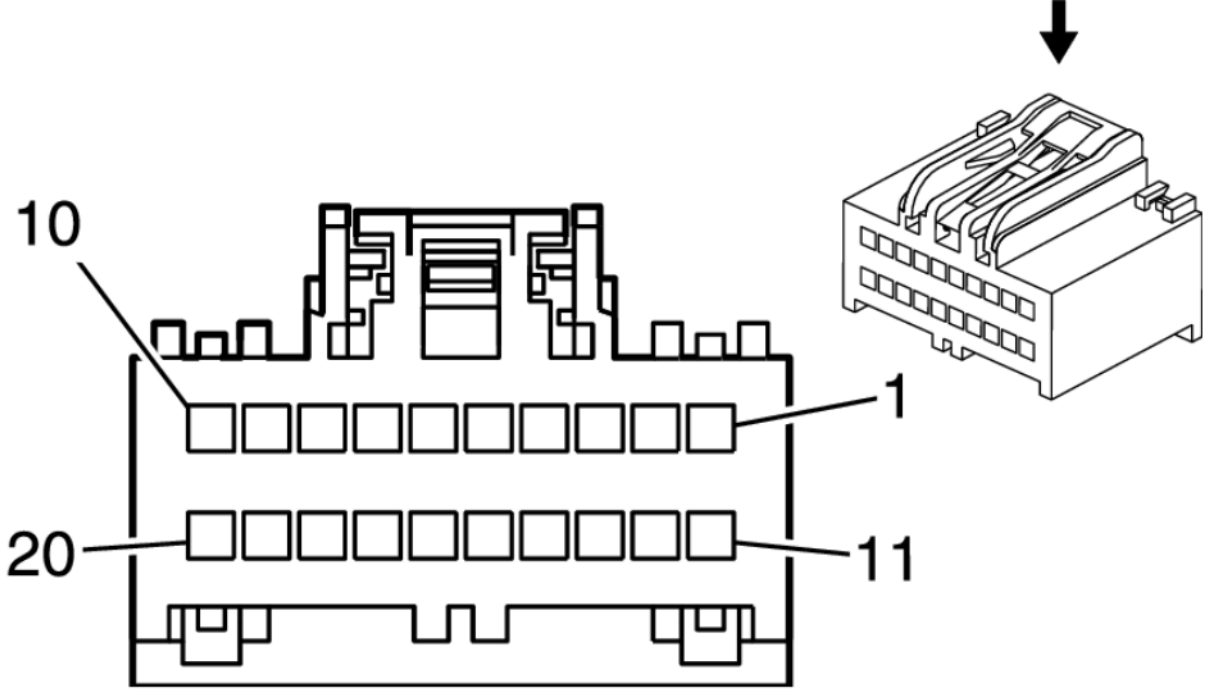
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(ISRVM) Camera Video Signal	I	-

A11 RADIO X1 (HP9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 15491304
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY)

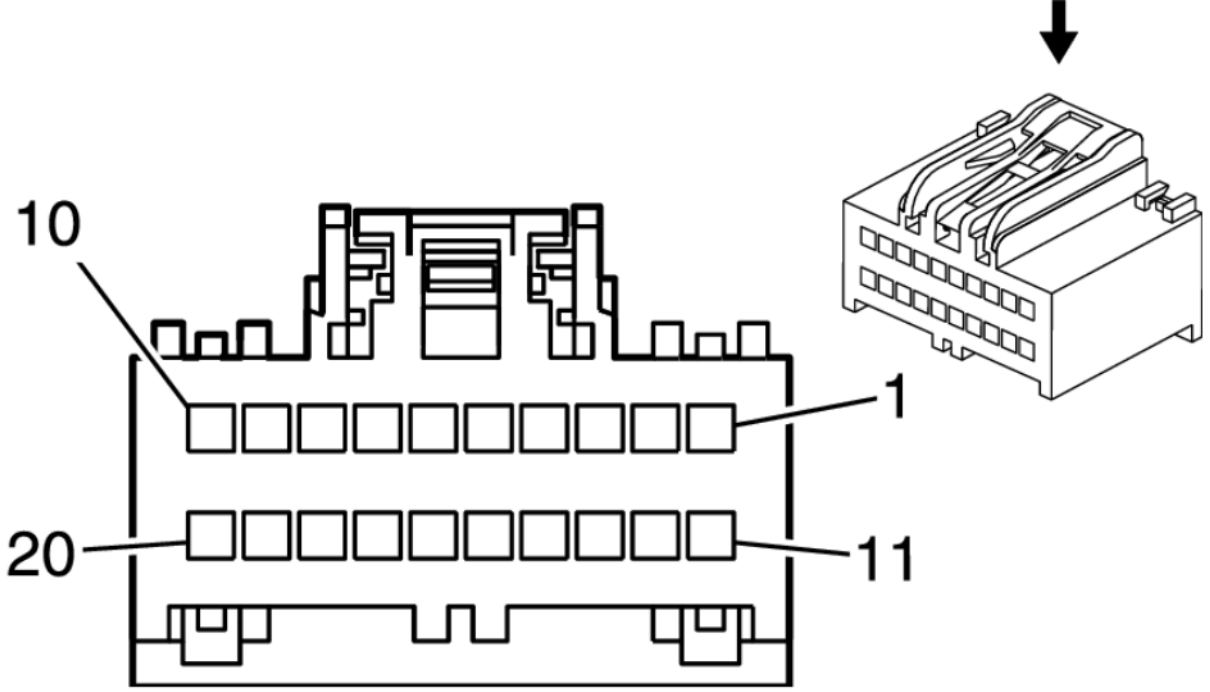
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GY	2140	Battery Positive Voltage	I	-
2 - 10	-	-	-	Not Occupied	-	-
11	0.75	BK/WH	1851	Signal Ground	I	-
12	-	-	-	Not Occupied	-	-
13	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	CW1
14	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
15	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
16 - 18	-	-	-	Not Occupied	-	-
19	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	UE1
20	0.35	YE	658	Cellular Telephone Voice Signal	I	UE1

A11 RADIO X1 (KL9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 15491304
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

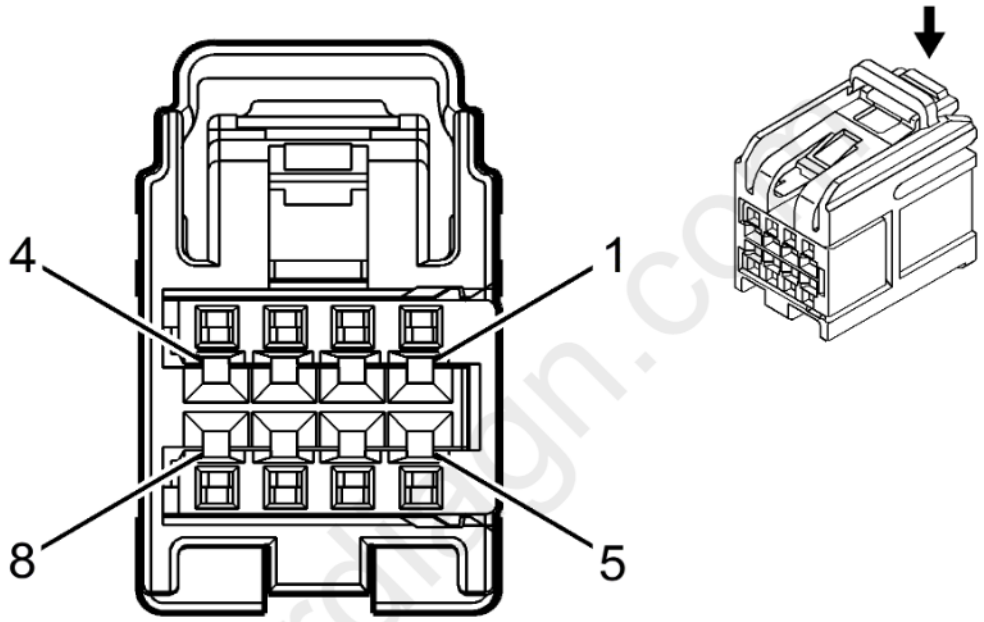
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GY	2140	Battery Positive Voltage	I	-
2	0.5	GN/YE	7066	Entertainment Remote Enable Signal	I	CW1
3 - 7	-	-	-	Not Occupied	-	-
8	0.35	GN	3376	Auxiliary Audio Common Signal 3	I	CW1
9	0.35	VT	3377	Left Auxiliary Audio Signal 3	I	CW1
10	0.35	BN	3378	Right Auxiliary Audio Signal 3	I	CW1
11	0.75	BK/WH	1851	Signal Ground	I	-
12	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
13	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	CW1
14	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
15	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UVH

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.5	BN/GN	4502	Video Display Request Signal	I	CW1
17	0.5	BU/VT	4609	Audio Request Signal	I	CW1
18	-	-	-	Not Occupied	-	-
19	0.35 0.35	VT/BU BK/YE	2061 659	Navigation Audio Low Mono Signal Cellular Telephone Voice Low Reference	I I	CW1 UE1
20	0.35 0.35	BU/WH YE	2062 658	Navigation Audio High Mono Signal Cellular Telephone Voice Signal	I I	CW1 UE1

A11 RADIO X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13782038
- Service Connector: 19260910
- Description: 8-Way F 0.64 OCS Series (GY)

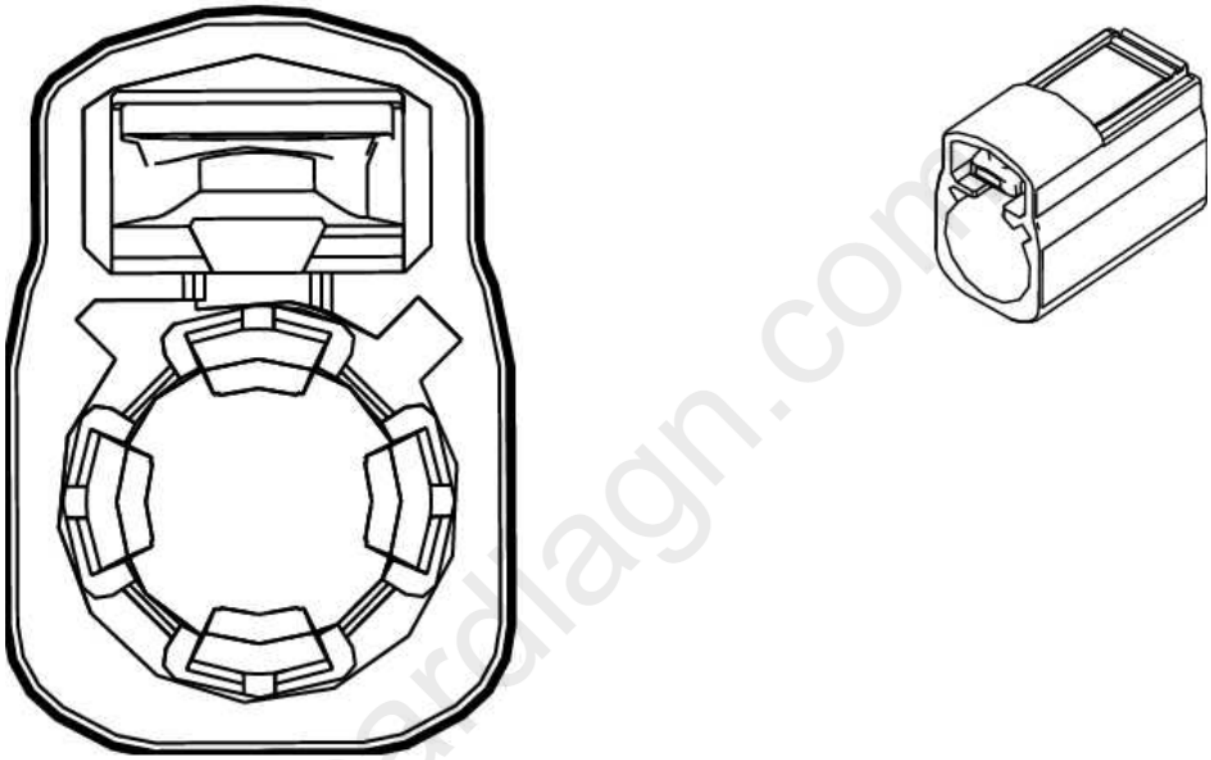
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	3997	MOST Serial Data (-)	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	3999	MOST Control	I	-
7 - 8	-	-	-	Not Occupied	-	-

A11 RADIO X4



Connector Part Information

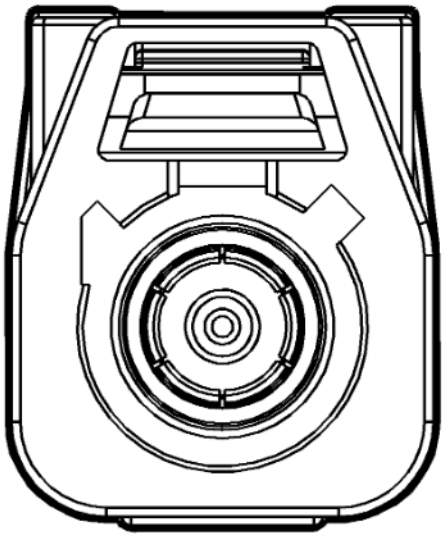
- Harness Type: Body
- OEM Connector: 33255801
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

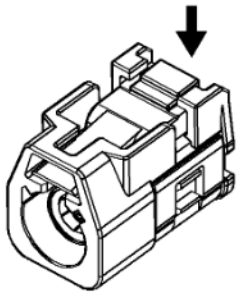
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

A11 RADIO X5





Connector Part Information

- Harness Type: Body
- OEM Connector: 33255802
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

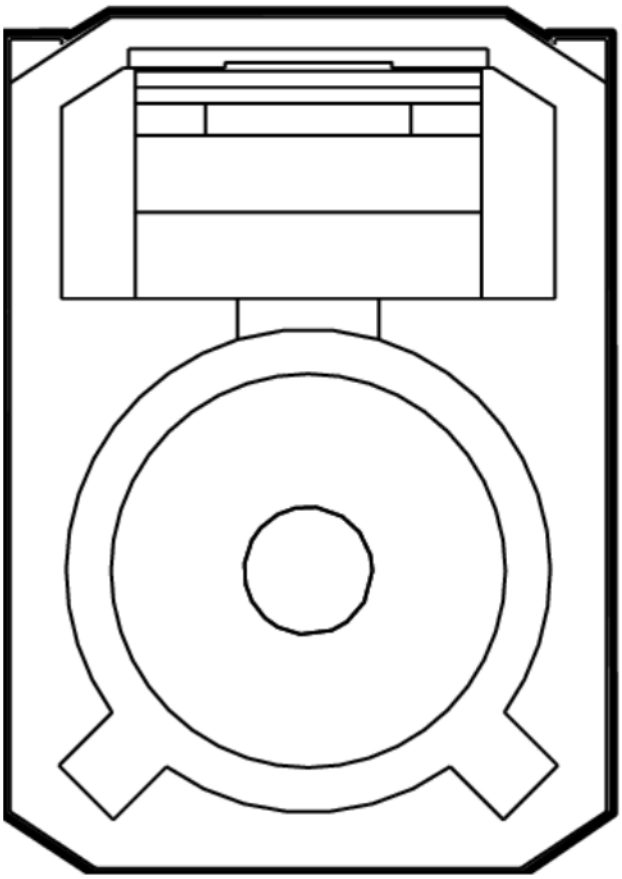
Terminal Part Information

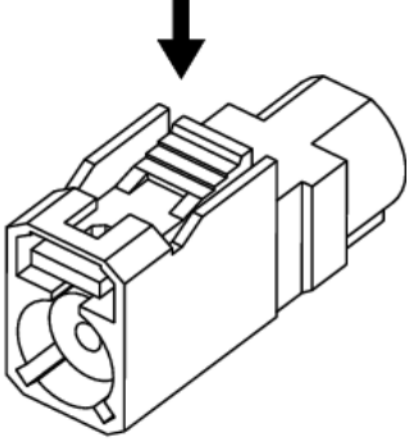
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(FM2) Antenna RF Signal (2)	I	-

A11 RADIO X6 (U2M)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13585516
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (YE)

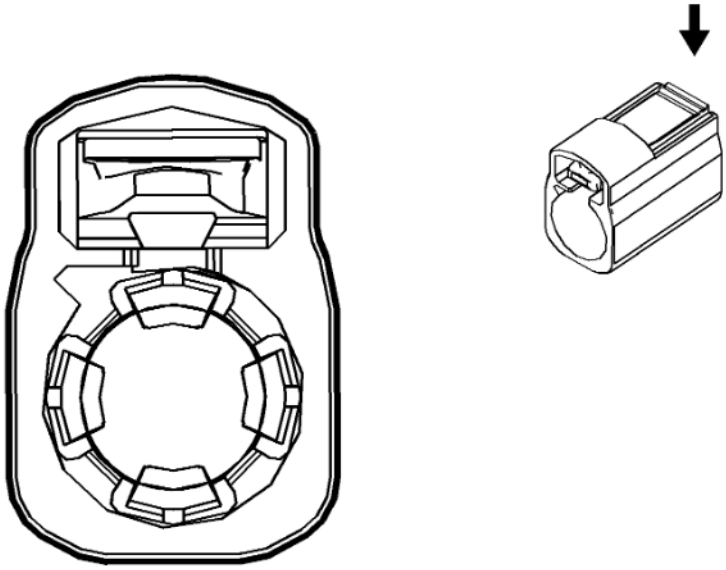
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

A11 RADIO X9 (U2Q)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 33255808
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

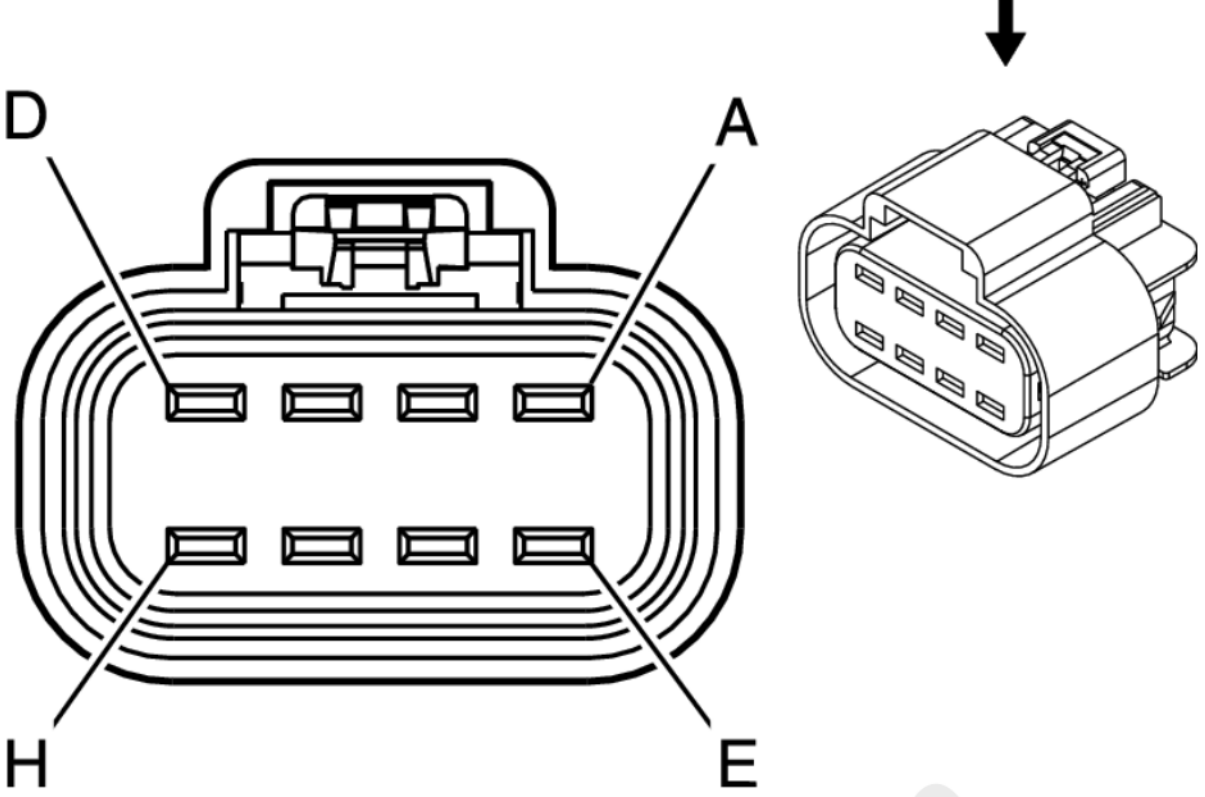
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(DAB/DMB) Coaxial Antenna DAB Signal	I	-

A16 TRANSFER CASE MOTOR (F46)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13538370
- Service Connector: 19352361
- Description: 8-Way F 280 GT Series, Sealed (BK)

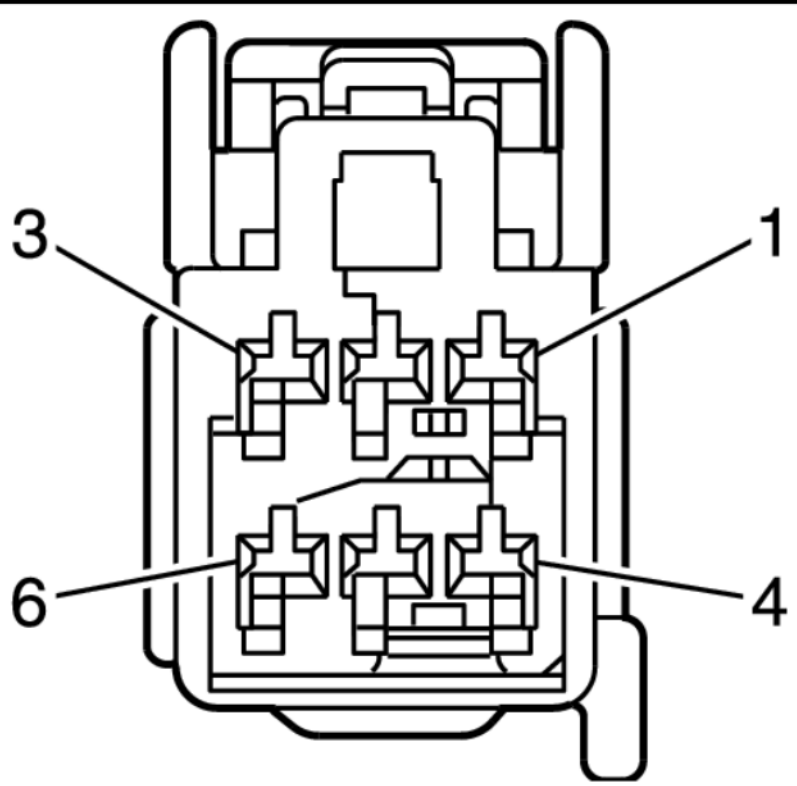
Terminal Part Information

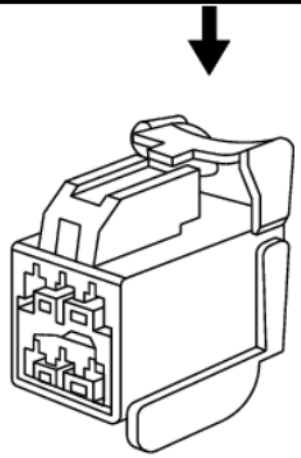
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	5	YE/GY	1552	Transfer Case Motor Clockwise Control	I	-
B	0.5	VT/RD	7484	Oil Temperature Sensor 5V Reference	I	-
C	0.5	VT	7485	Oil Temperature Sensor Signal	I	-
D	5	YE/VT	1553	Transfer Case Motor Counter Clockwise Control	I	-
E	0.5	BU/GY	7473	Incremental Encoder Impulse Signal	I	-
F	0.5	YE	7474	Incremental Encoder Direction Signal	I	-
G	0.5	WH/GN	7475	Incremental Encoder Sensor 8V Reference	I	-
H	0.5	VT	7476	Incremental Encoder Sensor Low Reference	I	-

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A23C LIFTGATE LATCH ASSEMBLY (HP9+(TC2/TL9))





Connector Part Information

- Harness Type: Body
- OEM Connector: 10846805
- Service Connector: 89046849
- Description: 6-Way F 1.5 Kaizen Series (L-GY)

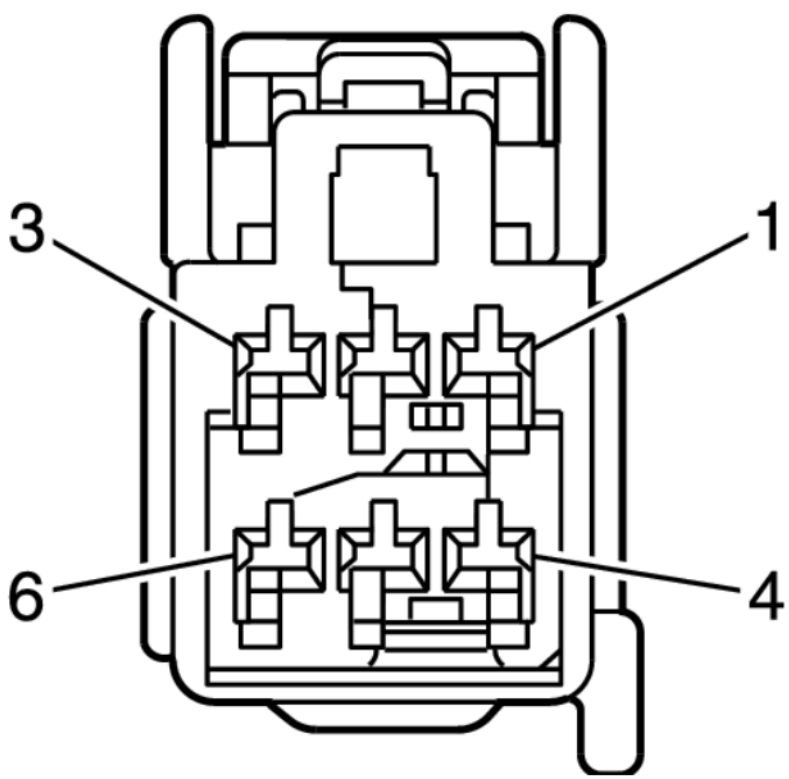
Terminal Part Information

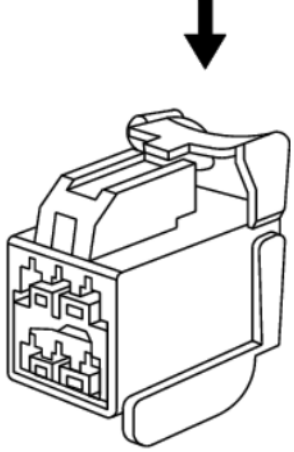
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/GY	5791	Lift Gate Cinch Latch Motor Close Control	I	-
2	0.35	BU/BK	6000	Lift Gate Ajar Switch Signal 2	I	-
3	0.35	YE	3988	Detent Lift Gate Signal	I	-
4	0.5	BN	5790	Lift Gate Cinch Latch Motor Open Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

A23C LIFTGATE LATCH ASSEMBLY (KL9+(TC2/TL9))

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Connector Part Information

- Harness Type: Body
- OEM Connector: 10846805
- Service Connector: 89046849
- Description: 6-Way F 1.5 Kaizen Series (L-GY)

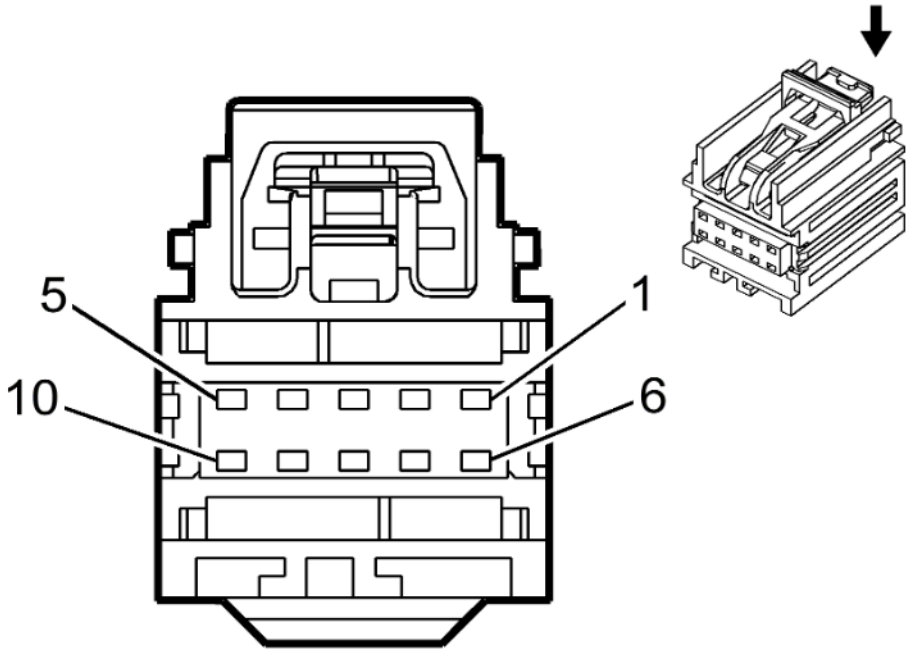
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/GY	5791	Lift Gate Cinch Latch Motor Close Control	I	-
2	0.35	BU/BK	6000	Lift Gate Ajar Switch Signal 2	I	-
3	0.35	YE	3988	Detent Lift Gate Signal	I	-
4	0.5	BN	5790	Lift Gate Cinch Latch Motor Open Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

A23D DOOR LATCH ASSEMBLY - DRIVER

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

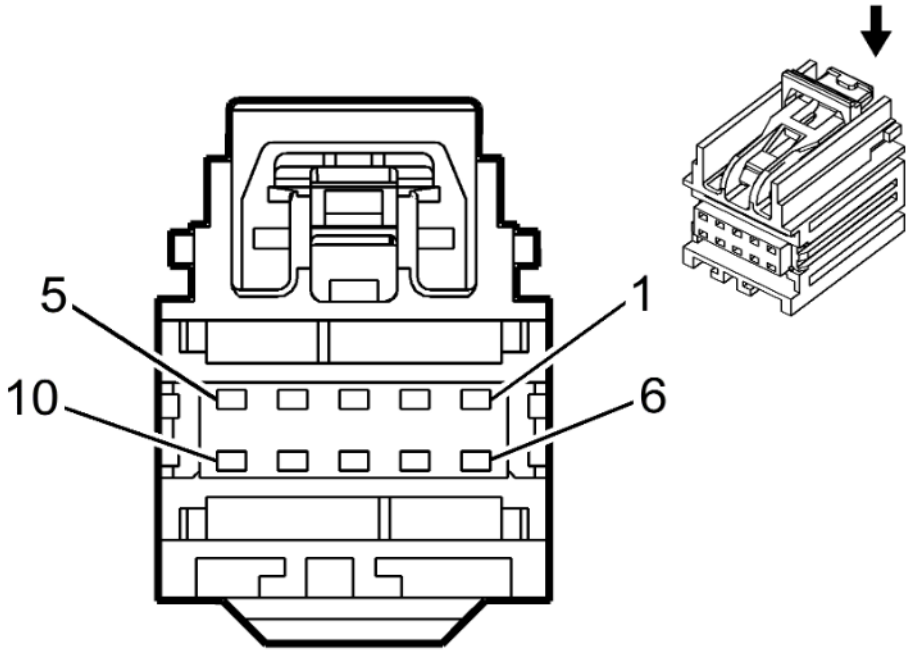
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	745	Left Front Door Ajar Switch Signal	I	-
2	0.35	WH	3574	Driver Door Open Switch Signal	I	-
3	0.75	BK	2150	Ground	I	-
4	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
5	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-
6	0.75	BN	5910	Door Double Lock Actuator Lock Control	I	UTT
7	0.75	WH	5911	Door Lock Actuator Lock Control 2	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23LR DOOR LATCH ASSEMBLY - LEFT REAR

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Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

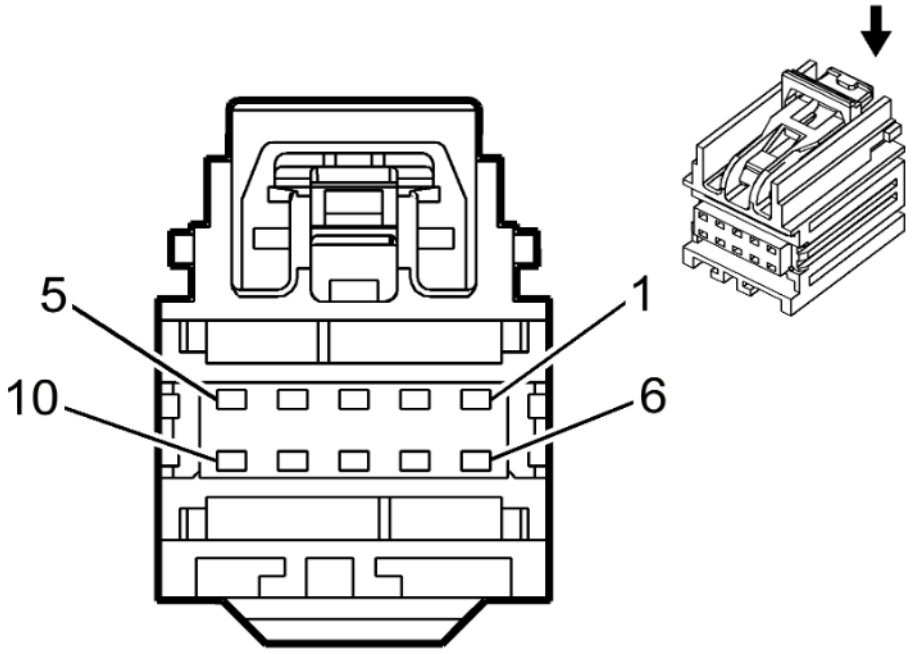
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	2350	Ground	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.75	BN	5910	Door Double Lock Actuator Lock Control	I	UTT
7	0.75	GY	295	Door Lock Actuator Lock Control	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23P DOOR LATCH ASSEMBLY - PASSENGER

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

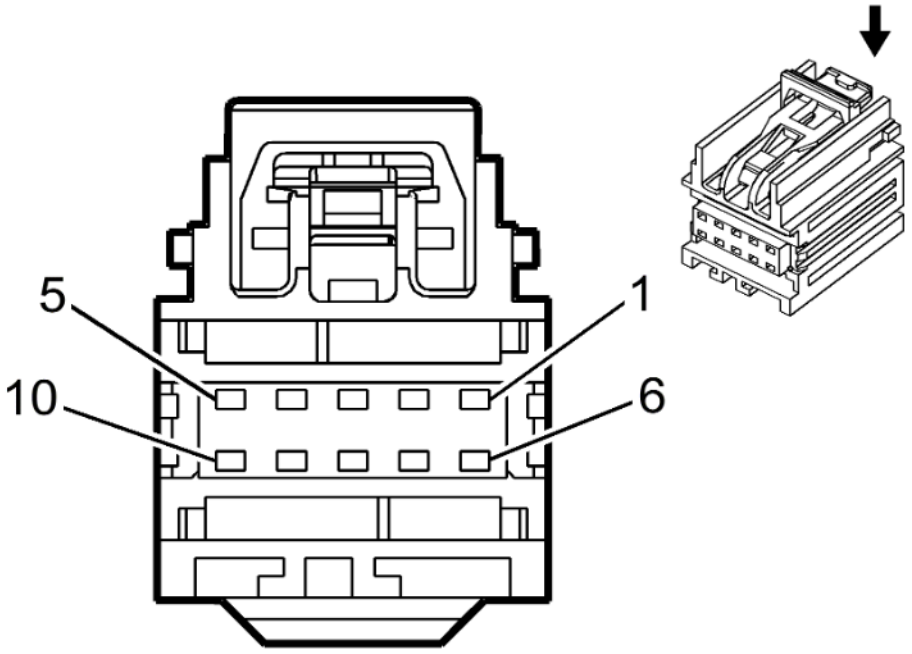
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.75	BK	2250	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	746	Right Front Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	0.75	BN	5910	Door Double Lock Actuator Lock Control	I	UTT

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

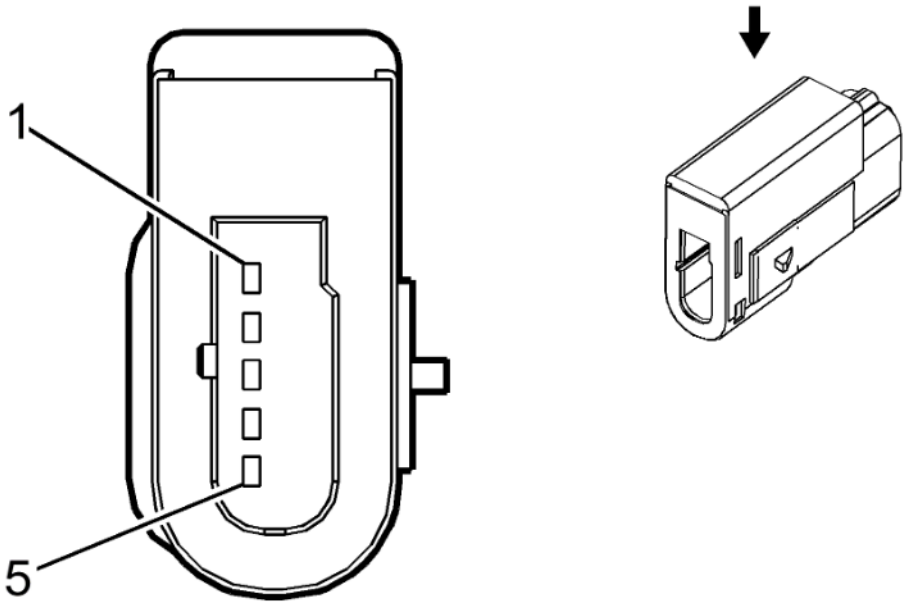
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BK	2450	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	0.75	BN	5910	Door Double Lock Actuator Lock Control	I	-

A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR (HD7)

cardiagn.com



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13939427
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BN)

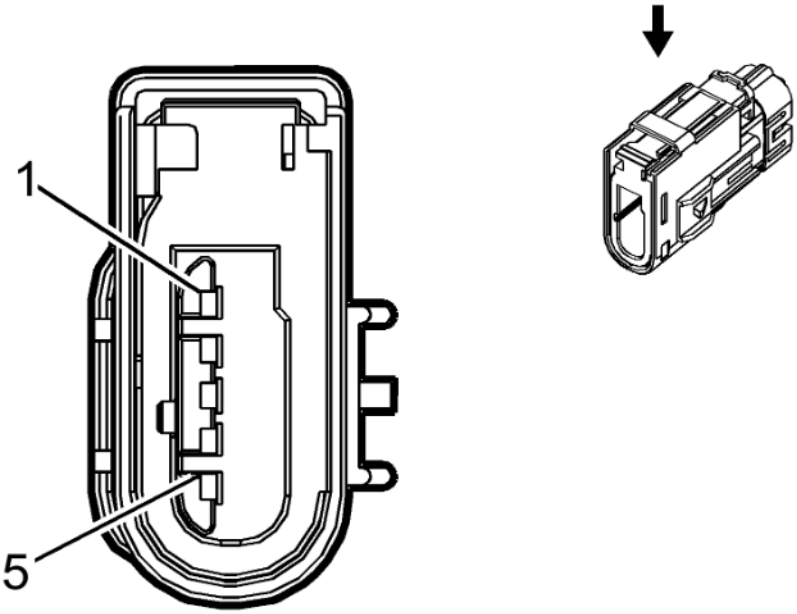
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3570	Driver Door Handle Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	BK	2150	Ground	I	-

A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR (-HD7)

carldgn.com



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

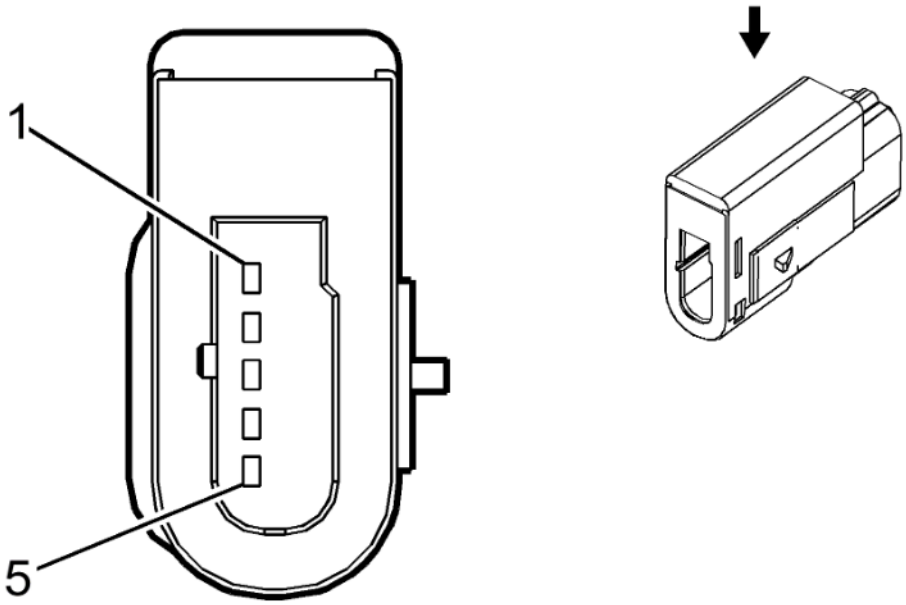
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3570	Driver Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	2150	Ground	I	-

A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR (HD7)

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Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13939427
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BN)

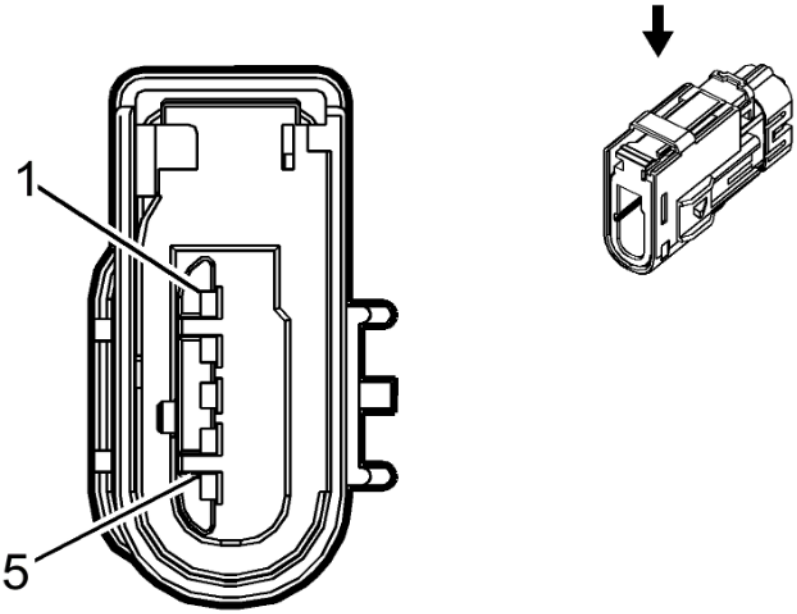
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	BK	2350	Ground	I	-

A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR (-HD7)

carldgn.com



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

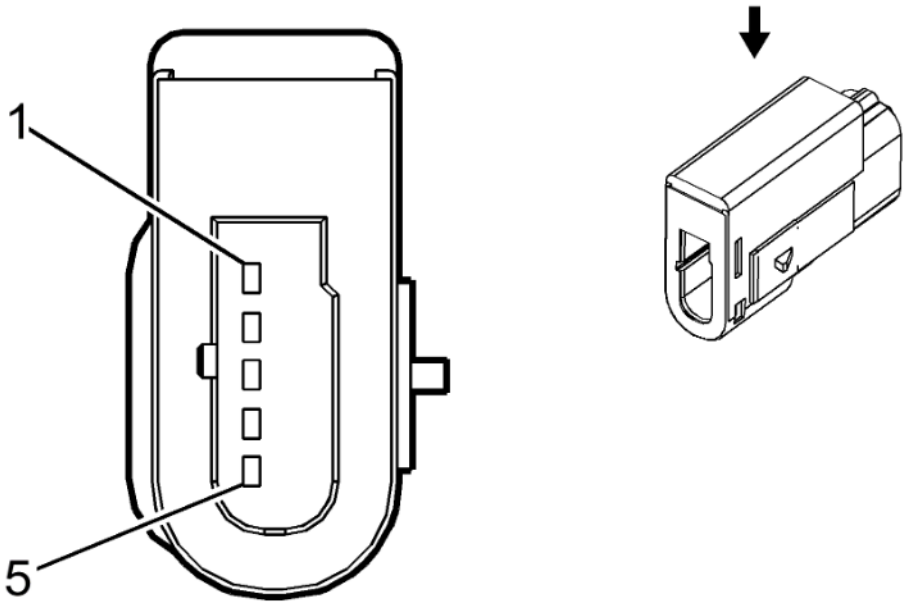
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	2350	Ground	I	-

A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR (HD7)

carlogn.com



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13939427
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BN)

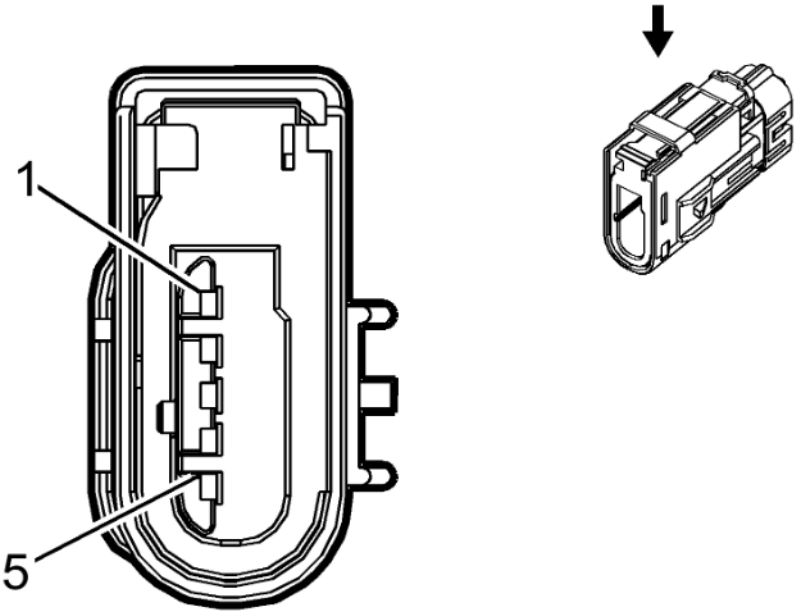
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	BK	2250	Ground	I	-

A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR (-HD7)

carldgn.com



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

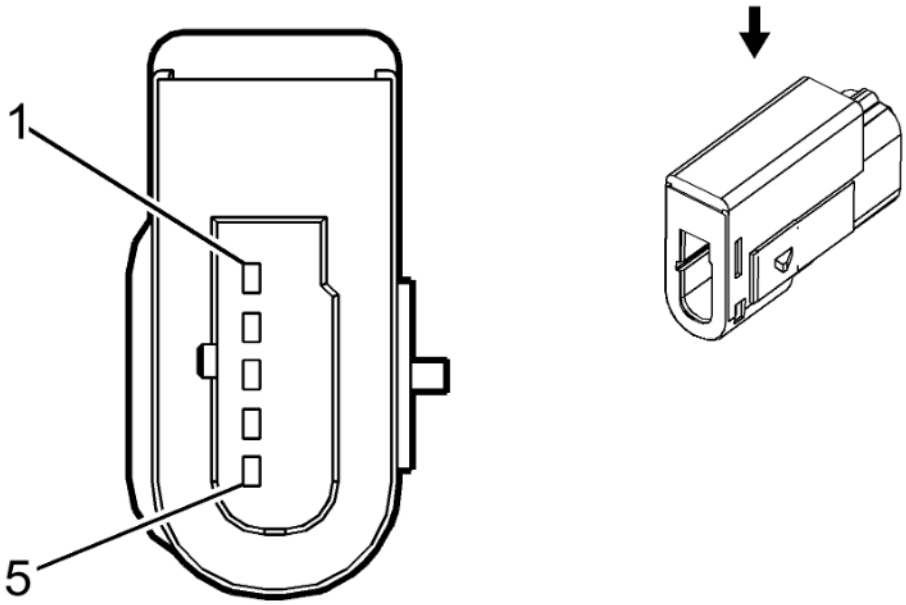
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	2250	Ground	I	-

A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR (HD7)

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13939427
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BN)

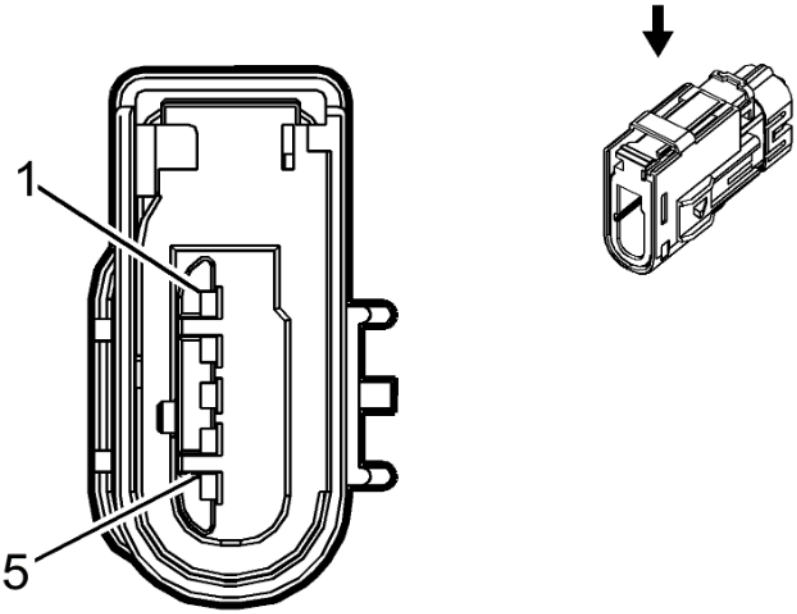
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	BK	2450	Ground	I	-

A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR (-HD7)

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

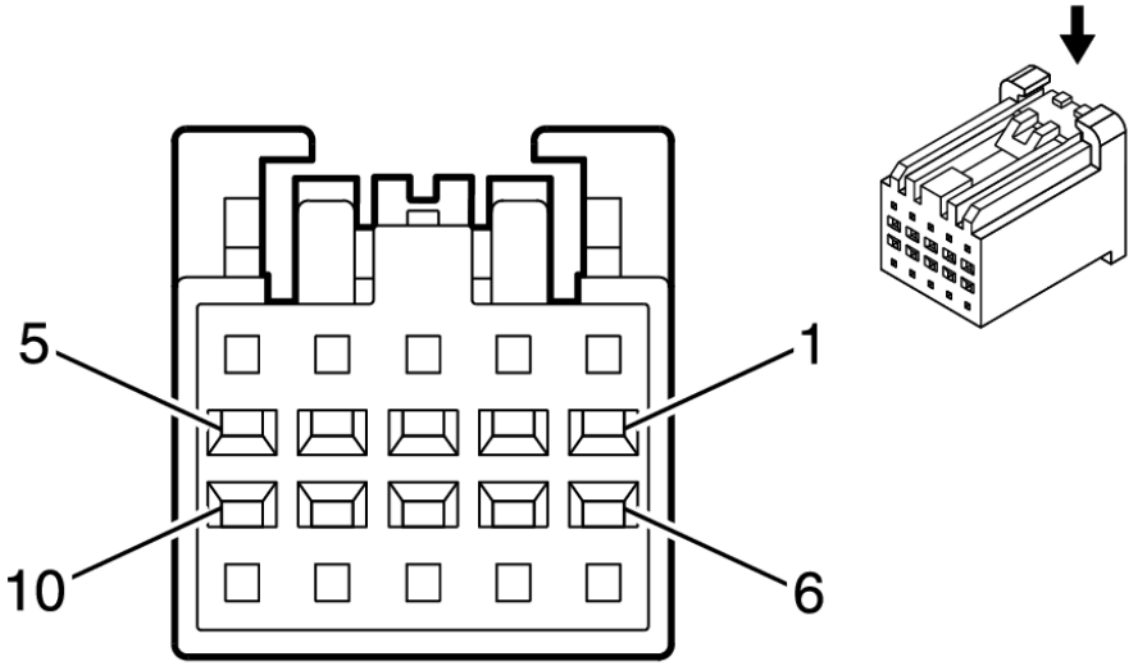
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	2450	Ground	I	-

A26 HVAC CONTROLS

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13876499
- Service Connector: 13581139
- Description: 10-Way F 0.64 Kaizen Series (GY)

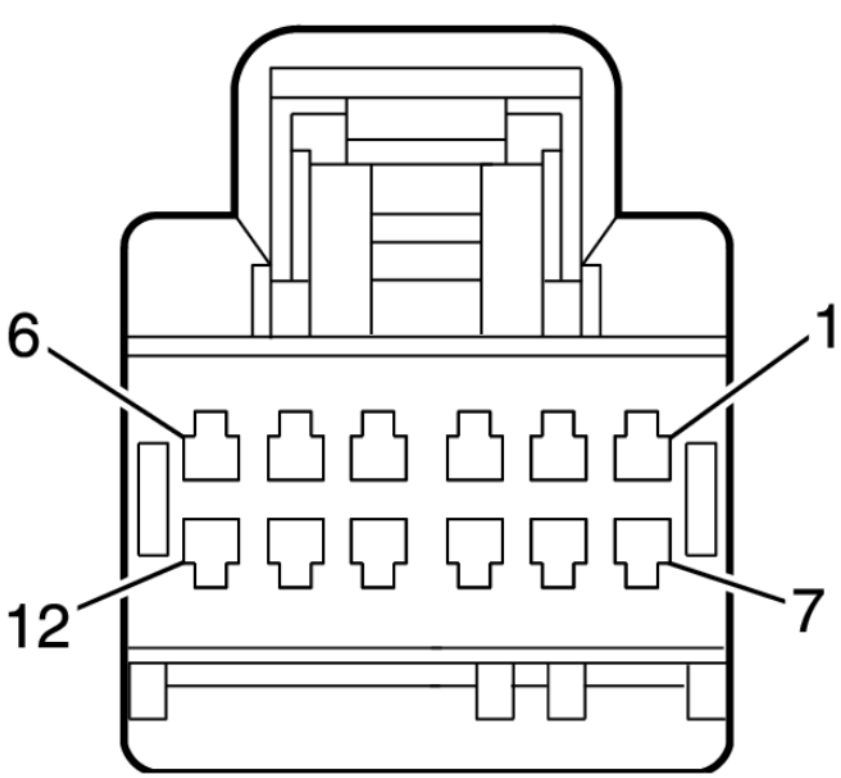
Terminal Part Information

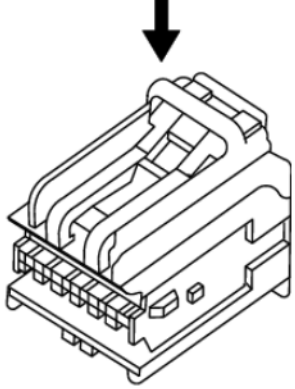
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3240	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4 - 8	-	-	-	Not Occupied	-	-
9	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
10	0.35	BK	1450	Ground	I	-

A33 MEDIA DISC PLAYER X1 (UWG)

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13950639
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

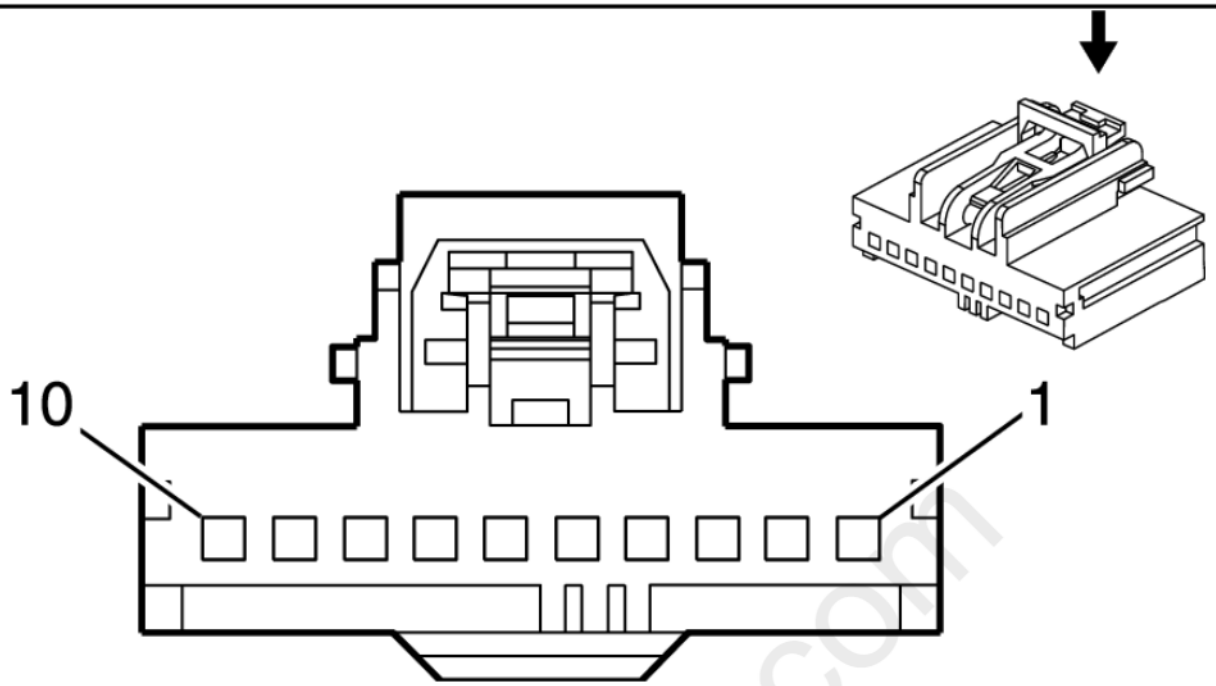
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GN	6940	Battery Positive Voltage	I	-
2	0.35	GY	4016	Remote Media Eject Signal	I	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
6	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
7	0.35	BK/WH	1551	Signal Ground	I	-
8	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
9	-	-	-	Not Occupied	-	-
10	0.35	WH/VT	3999	MOST Control	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
12	-	-	-	Not Occupied	-	-

A33 MEDIA DISC PLAYER X1 (WCN)



Connector Part Information

- Harness Type: Media Disc Player Jumper
- OEM Connector: 89047355
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

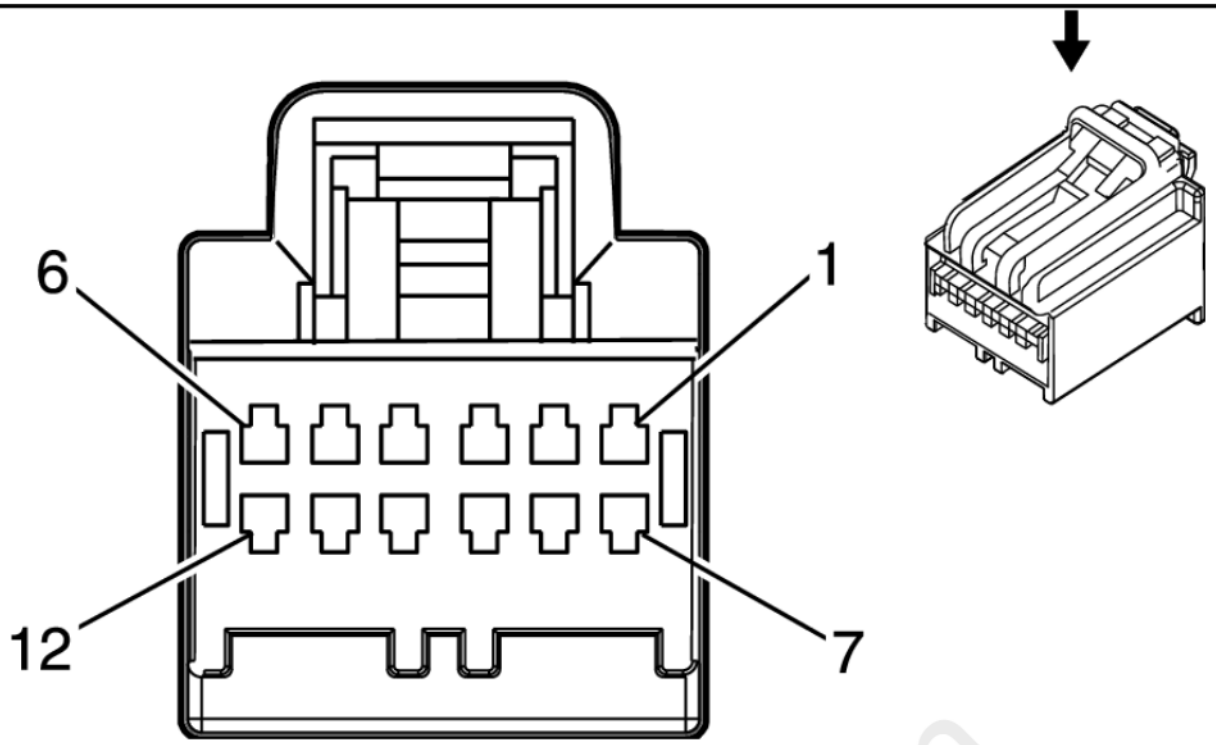
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	3999	MOST Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
6	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	BK/WH	1551	Signal Ground	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	RD/GN	6940	Battery Positive Voltage	I	-

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A33 MEDIA DISC PLAYER X2 (UWG)



Connector Part Information

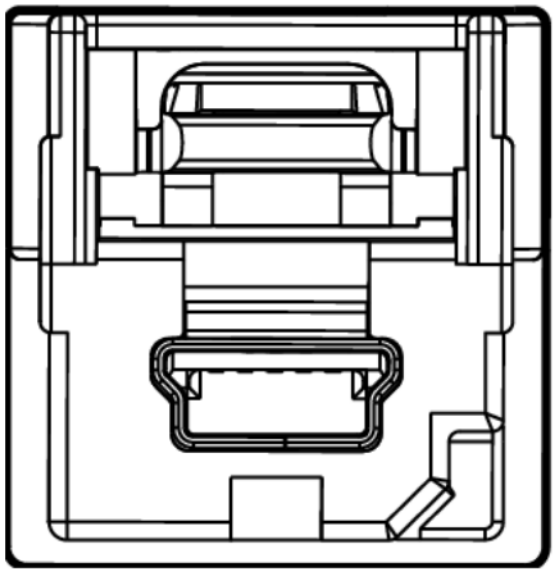
- Harness Type: Floor Console
- OEM Connector: 13950638
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 64 Series, Sealed (GY)

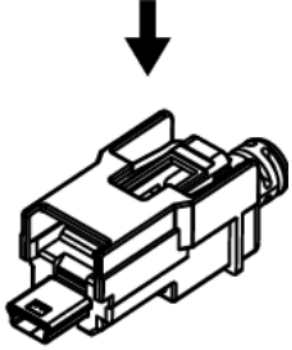
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	2059	Left Auxiliary Audio Signal 1	I	-
2	0.35	WH	2058	Right Auxiliary Audio Signal 1	I	-
3	0.35	BN	3374	Auxiliary Audio Common Signal 2	I	-
4	0.5	BARE	5345	Auxiliary Audio Low Reference 1	I	-
5 - 12	-	-	-	Not Occupied	-	-

A33 MEDIA DISC PLAYER X3 (UWG)





Connector Part Information

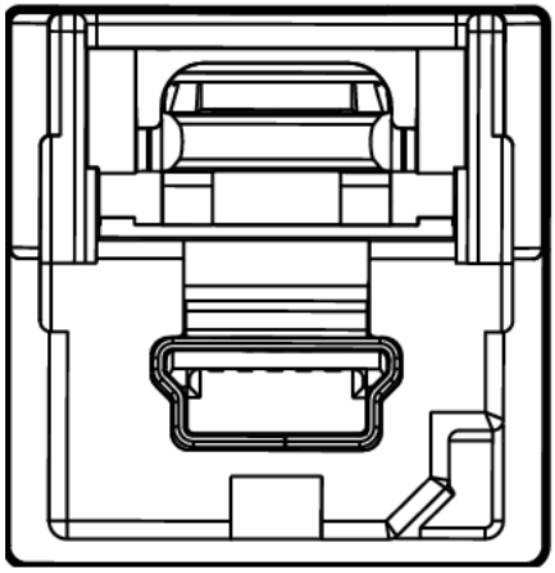
- Harness Type: Floor Console
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

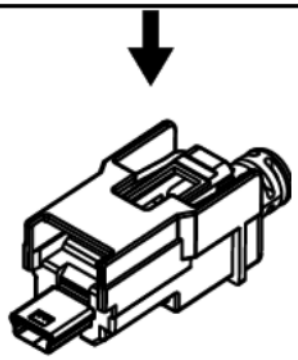
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

A33 MEDIA DISC PLAYER X4 (UWG)





Connector Part Information

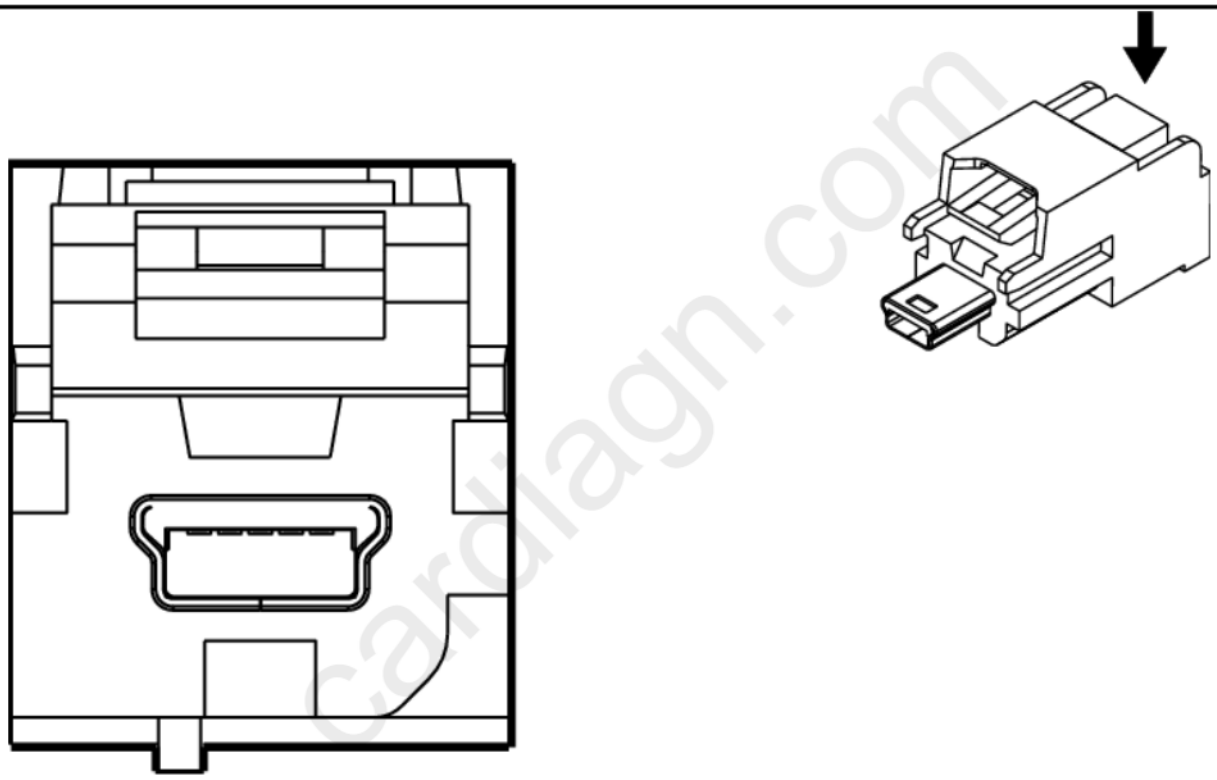
- Harness Type: Floor Console
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Remote Display Signal	I	-

A33 MEDIA DISC PLAYER X5 (UWG)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

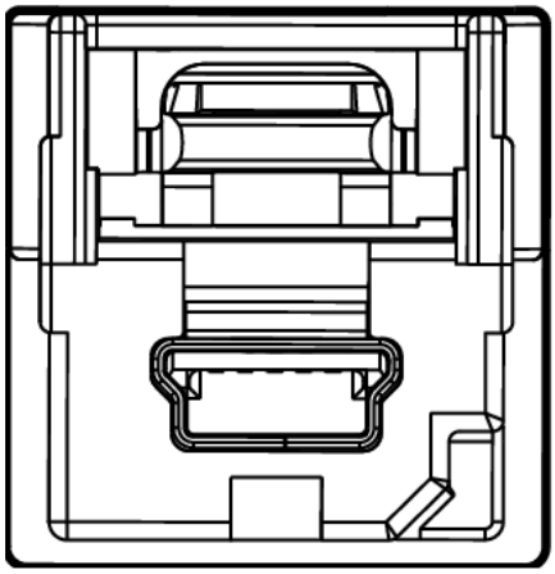
Terminal Part Information

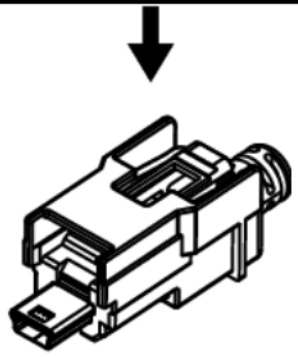
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

A33 MEDIA DISC PLAYER X6 (UWG)

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Connector Part Information

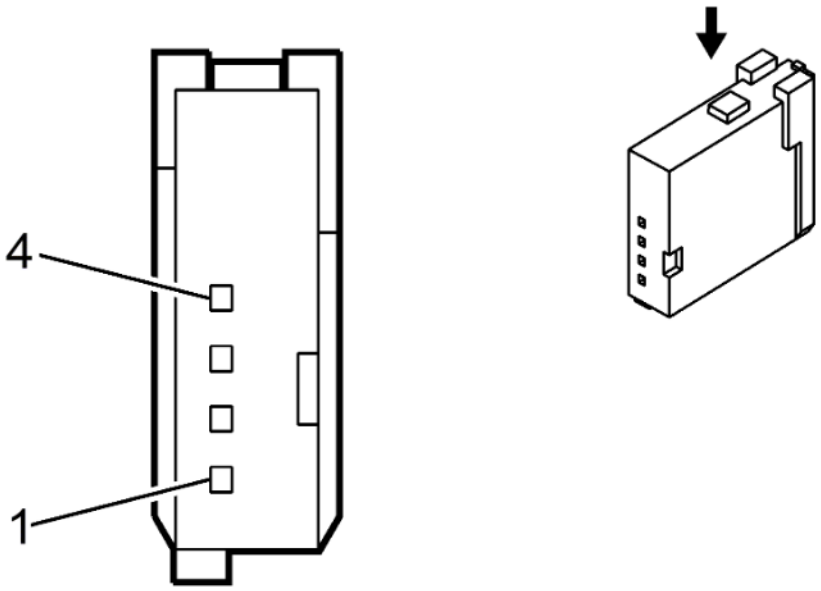
- Harness Type: Floor Console
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Auxiliary Video Signal	I	-

A34 HVAC CONTROLS - AUXILIARY (C24)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13820711
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

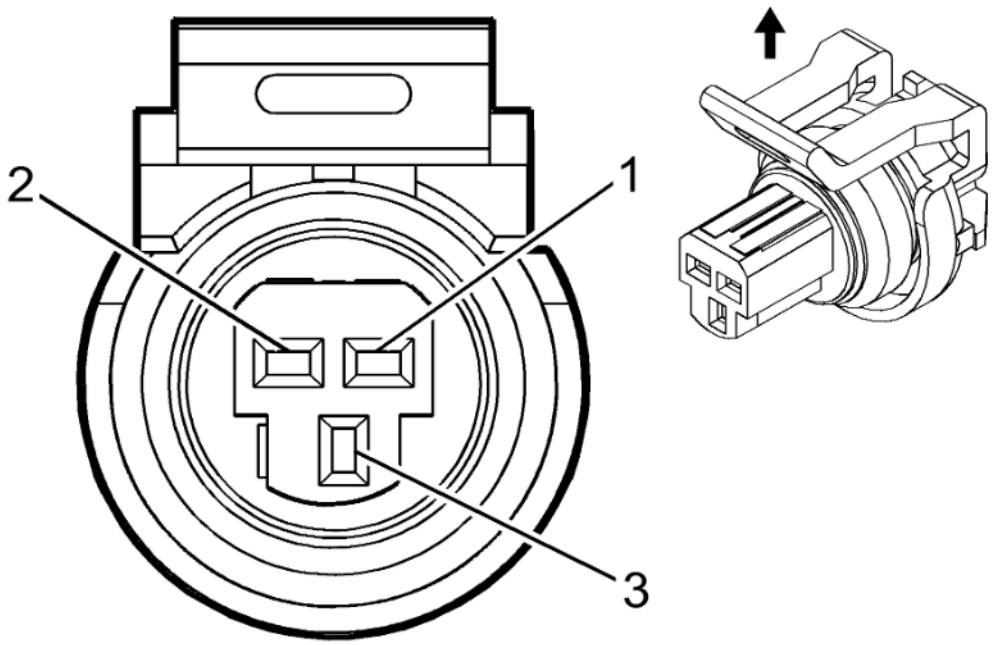
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/L-BU	840	Battery Positive Voltage	I	-
2	0.5	BN/VT	9573	-	I	-
3	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
4	0.35	BK	1450	Ground	I	-

B1C A/C LOW SIDE PRESSURE SENSOR (HP9)

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Connector Part Information

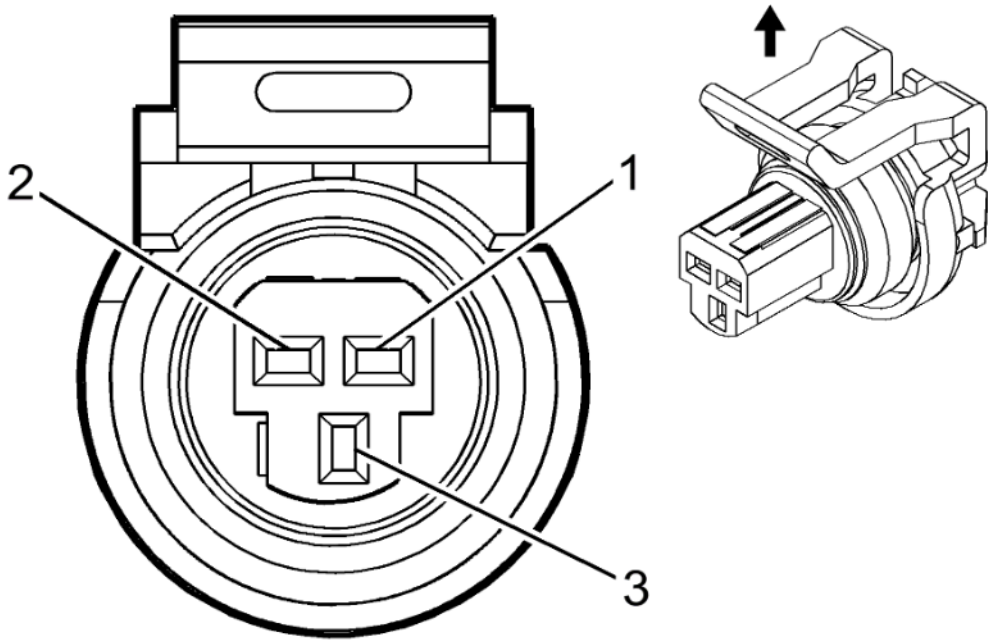
- Harness Type: Engine
- OEM Connector: 13602480
- Service Connector: 88988301
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	476	Sensor Low Reference	I	-
2	0.5	BU/RD	474	5V Reference	I	-
3	0.5	BU	204	A/C Low Pressure Sensor Signal	I	-

B1 A/C REFRIGERANT PRESSURE SENSOR (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13602480
- Service Connector: 88988301
- Description: 3-Way F 150 GT Series, Sealed (BK)

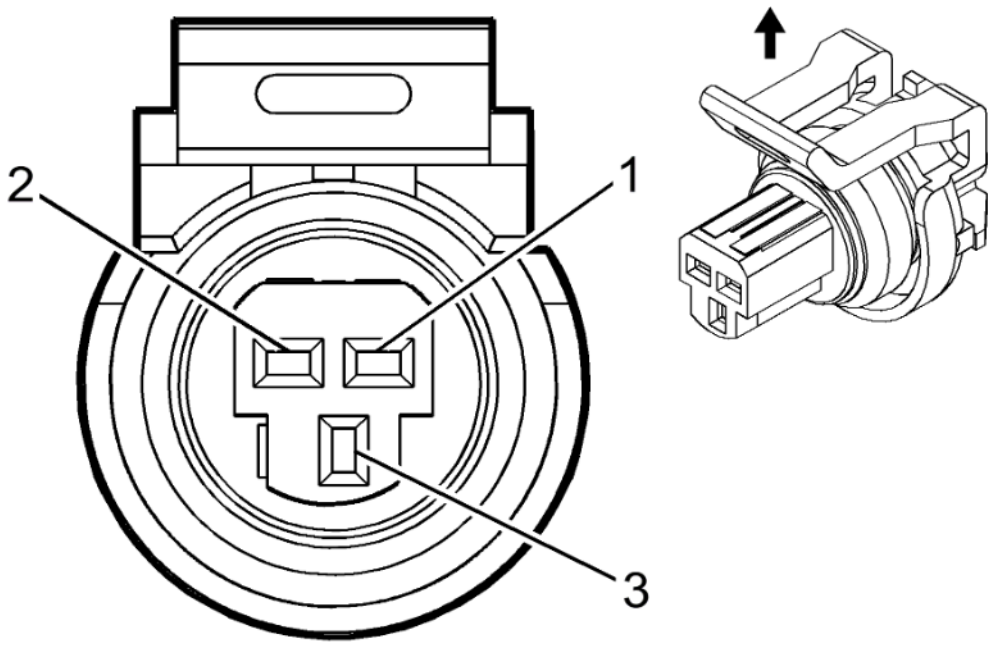
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	LTG
2	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
3	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-

B1 A/C REFRIGERANT PRESSURE SENSOR (KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13602480
- Service Connector: 88988301
- Description: 3-Way F 150 GT Series, Sealed (BK)

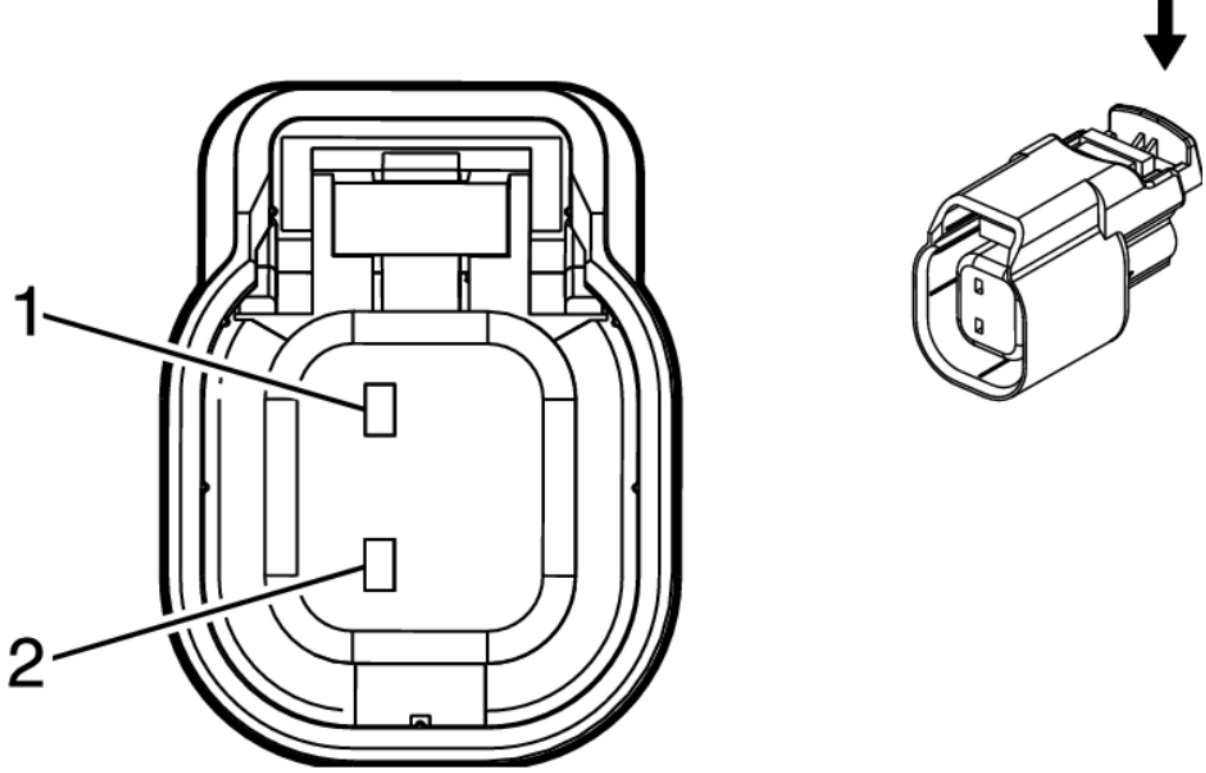
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	BK/WH BK/BN	2151 5514	Signal Ground A/C Refrigerant Pressure Sensor Low Reference	I I	LGW/LGX LTG
2	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
3	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-

B5LF WHEEL SPEED SENSOR - LEFT FRONT

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13828712
- Service Connector: 19300543
- Description: 2-Way F 1.5 Series, Sealed (BK)

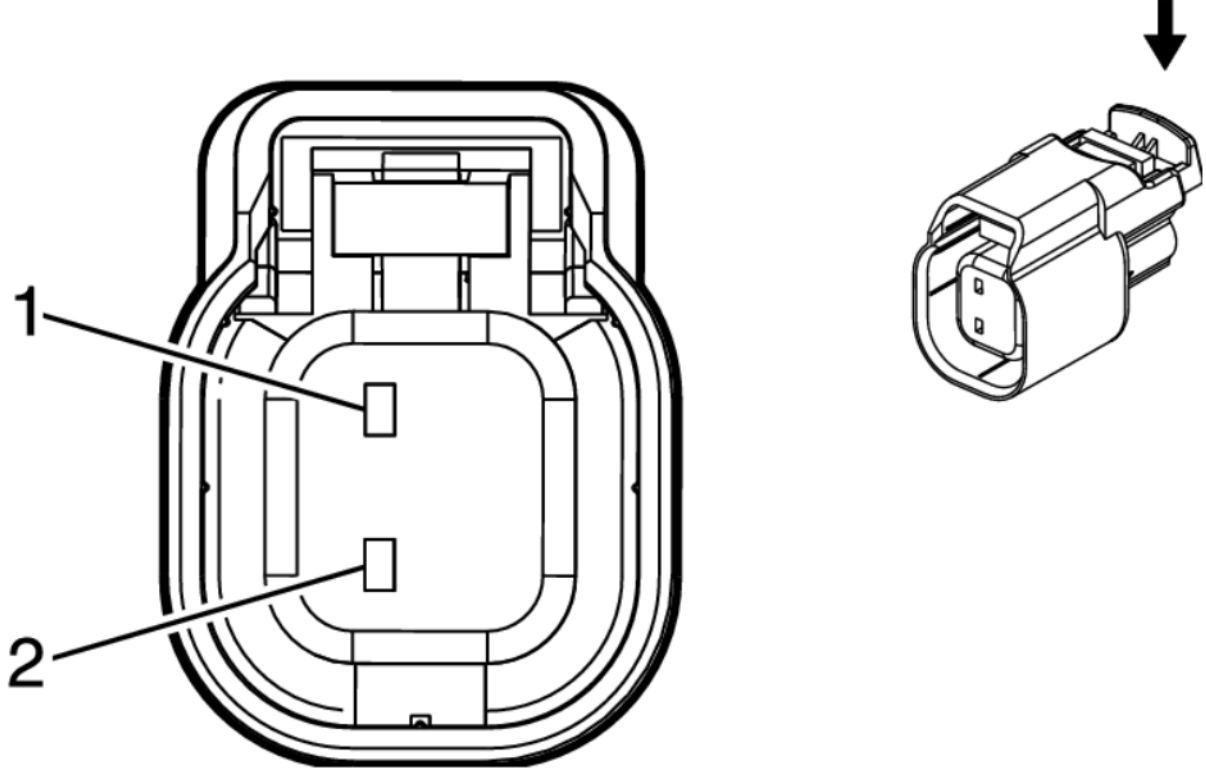
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	7064	Wheel Speed Sensor Control Left Front	I	-
2	0.5	GY	830	Wheel Speed Sensor Signal Left Front	I	-

B5LR WHEEL SPEED SENSOR - LEFT REAR

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Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13828712
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

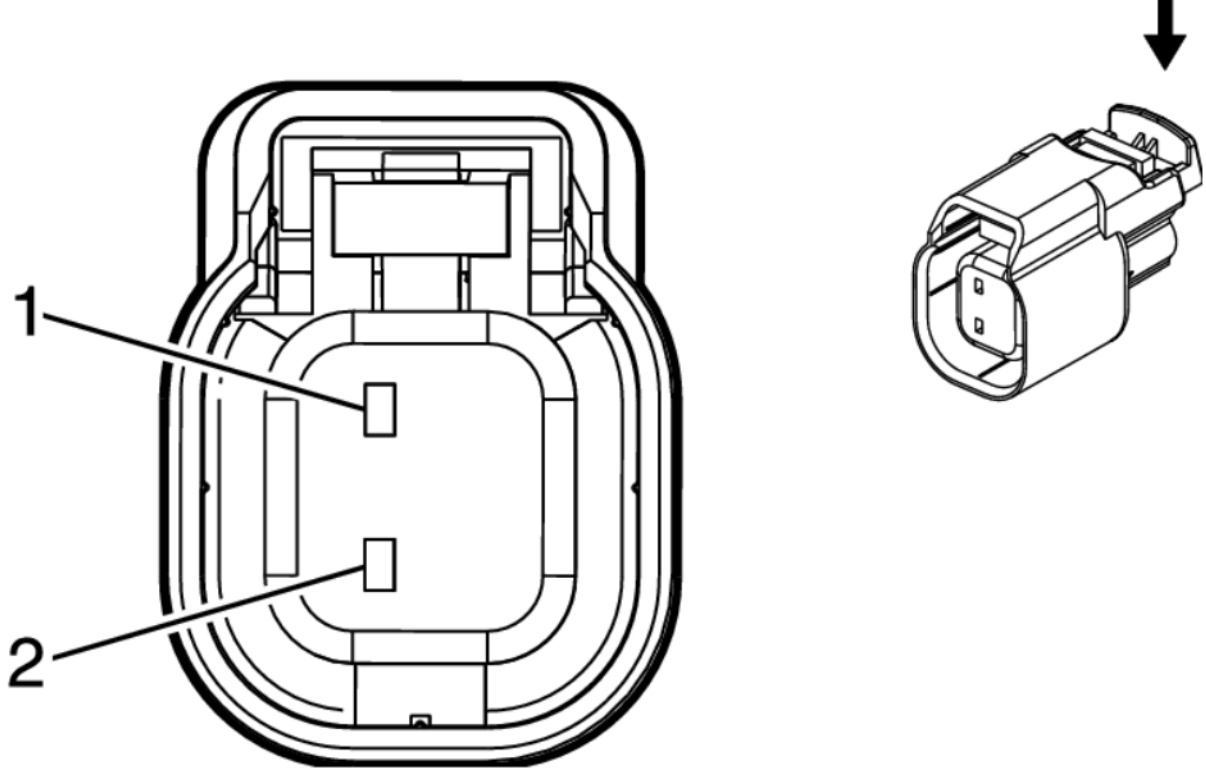
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	I	-
2	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	I	-

B5RF WHEEL SPEED SENSOR - RIGHT FRONT

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13828712
- Service Connector: 19300543
- Description: 2-Way F 1.5 Series, Sealed (BK)

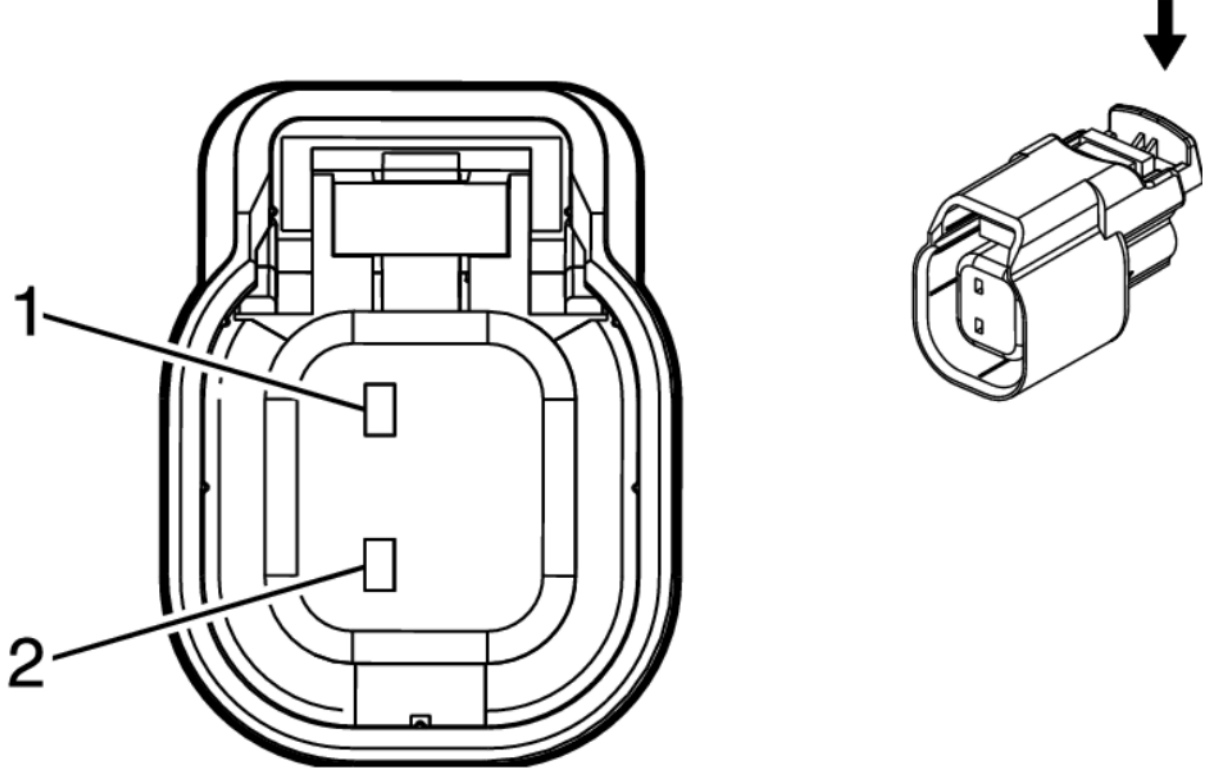
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	I	-
2	0.5	YE	872	Wheel Speed Sensor Signal Right Front	I	-

B5RR WHEEL SPEED SENSOR - RIGHT REAR

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Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13828712
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

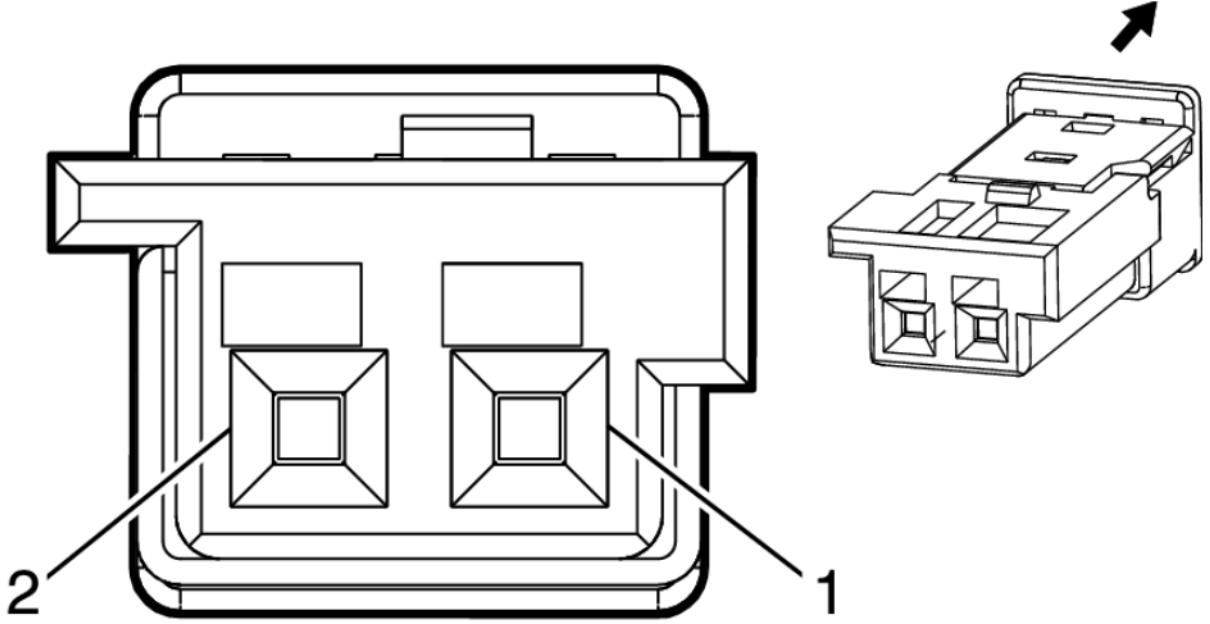
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	I	-
2	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	I	-

B7D AIR TEMPERATURE SENSOR - DUCT LEFT LOWER

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13235945
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series (BK)

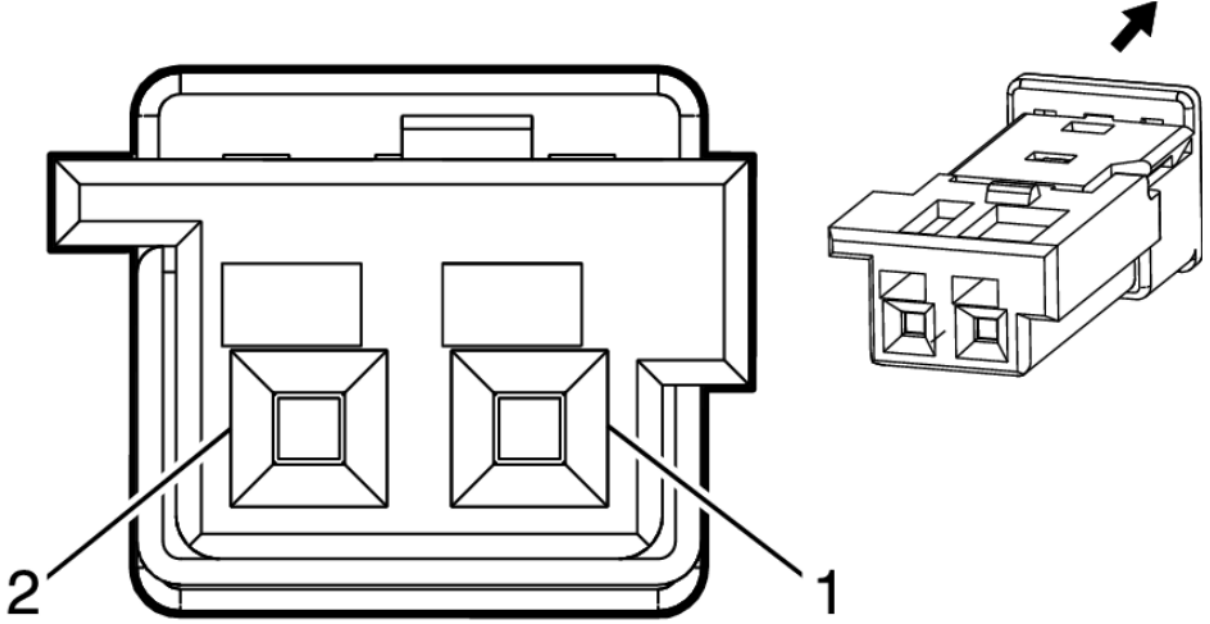
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	518	Lower Left Air Temperature Sensor Signal	I	-
2	0.35	BK/YE	1791	Air Temperature Door Control Low Reference	I	-

B7E AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13235945
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series (BK)

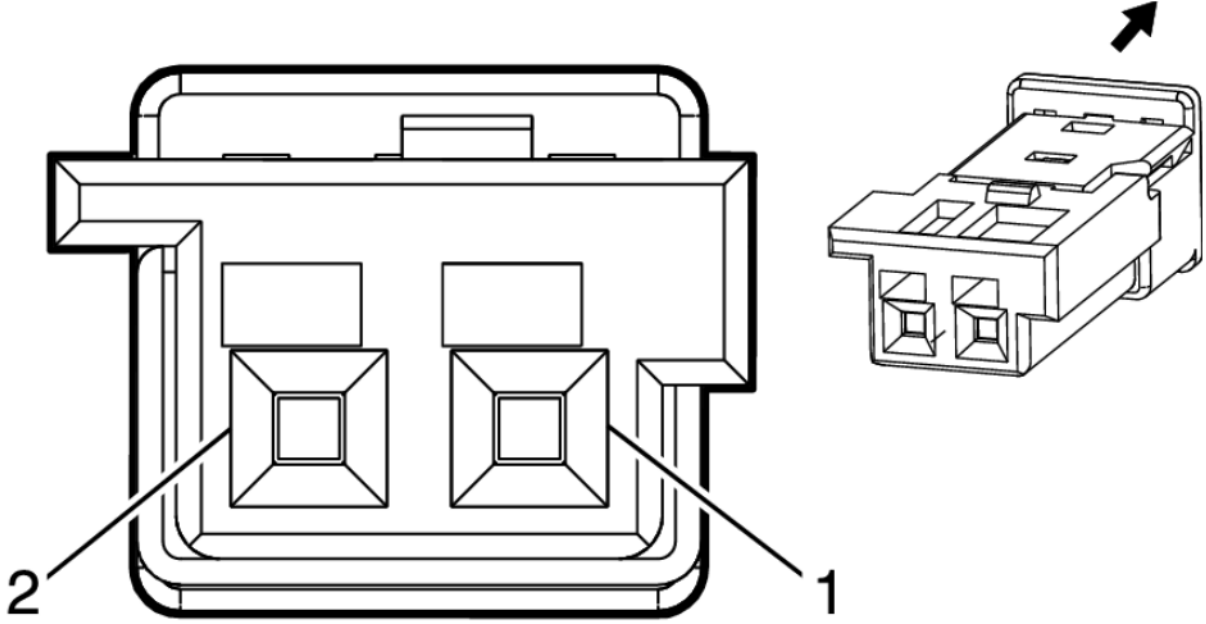
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/YE	520	Lower Right Air Temperature Sensor Signal	I	-
2	0.35	BK/YE	1791	Air Temperature Door Control Low Reference	I	-

B7H AIR TEMPERATURE SENSOR - DUCT LEFT UPPER

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13235945
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series (BK)

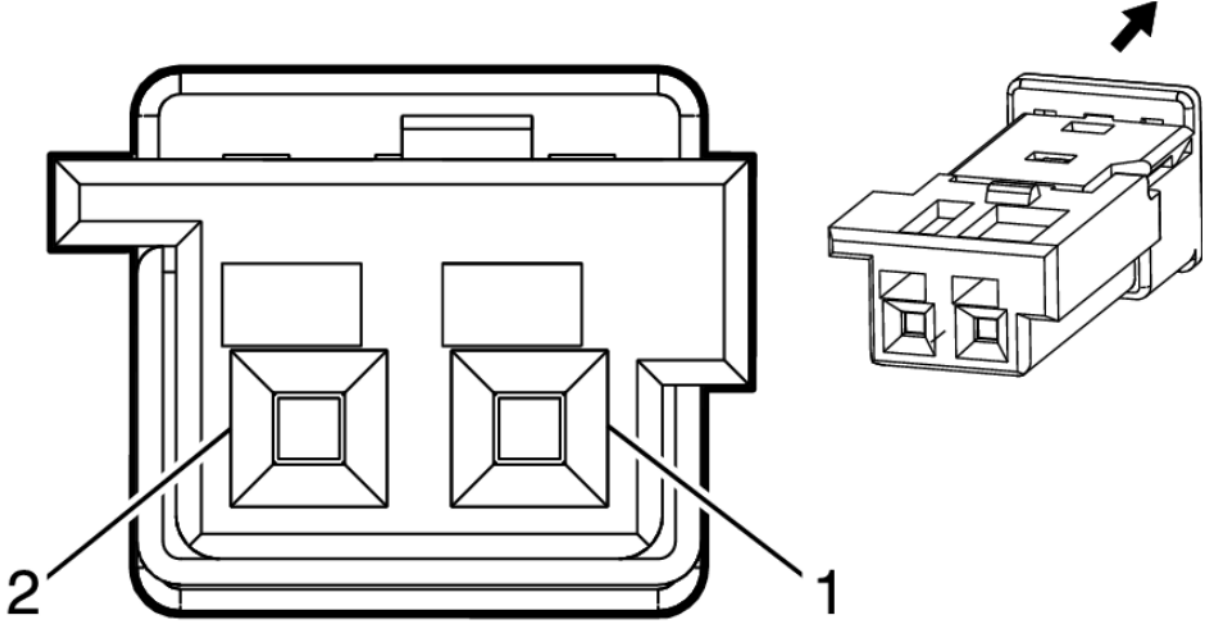
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	516	Upper Left Air Temperature Sensor Signal	I	-
2	0.35	BK/YE	1791	Air Temperature Door Control Low Reference	I	-

B7J AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13235945
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series (BK)

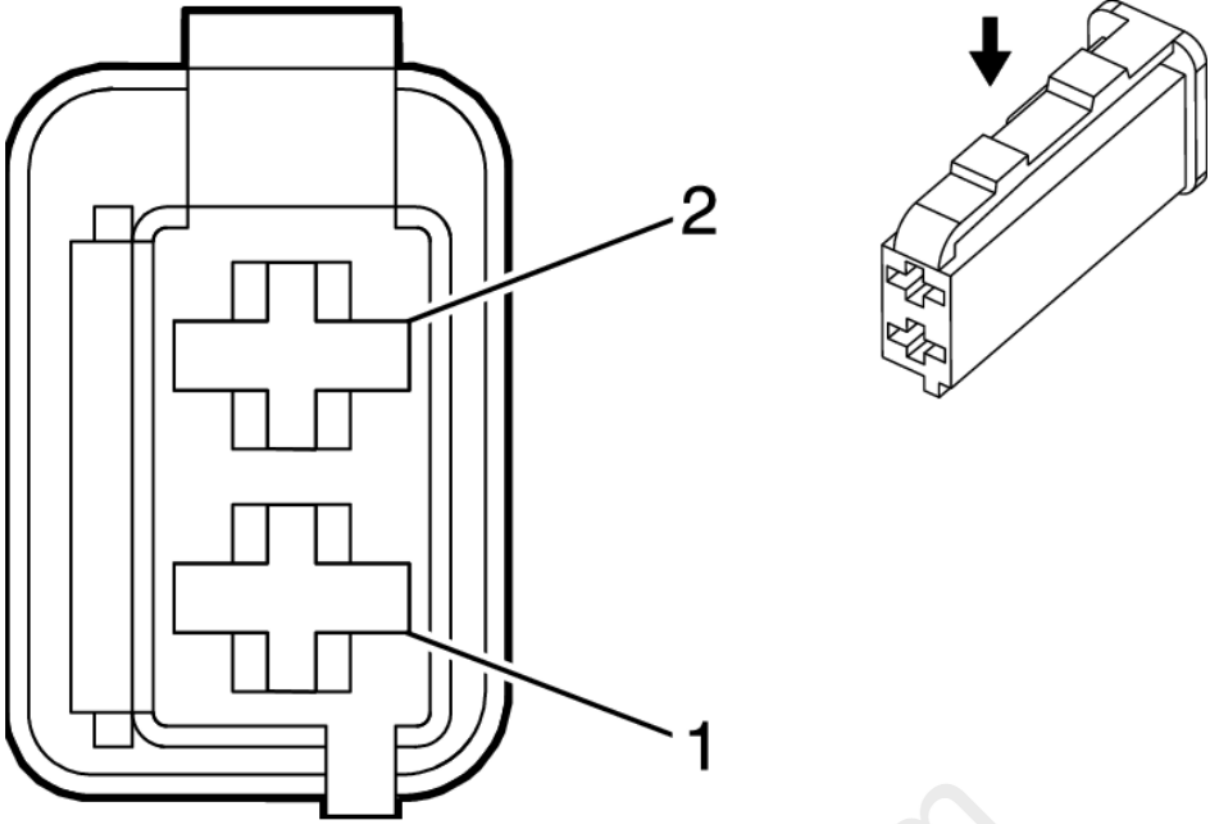
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/YE	517	Upper Right Air Temperature Sensor Signal	I	-
2	0.35	BK/YE	1791	Air Temperature Door Control Low Reference	I	-

B7Q AIR TEMPERATURE SENSOR - DUCT CENTER CONSOLE AUXILIARY (CJ2)

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

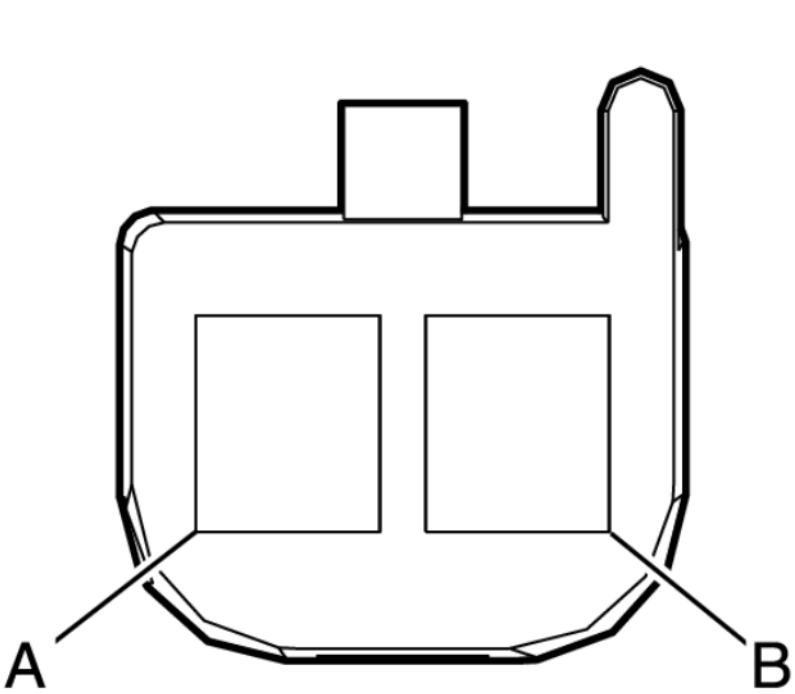
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/BK	405	Lower Air Temperature Sensor Signal	I	-
2	-	BK/YE	645	Sensor Low Reference	I	-

B7SL AIR TEMPERATURE SENSOR - DUCT LEFT UPPER AUXILIARY (C24)

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Connector Part Information

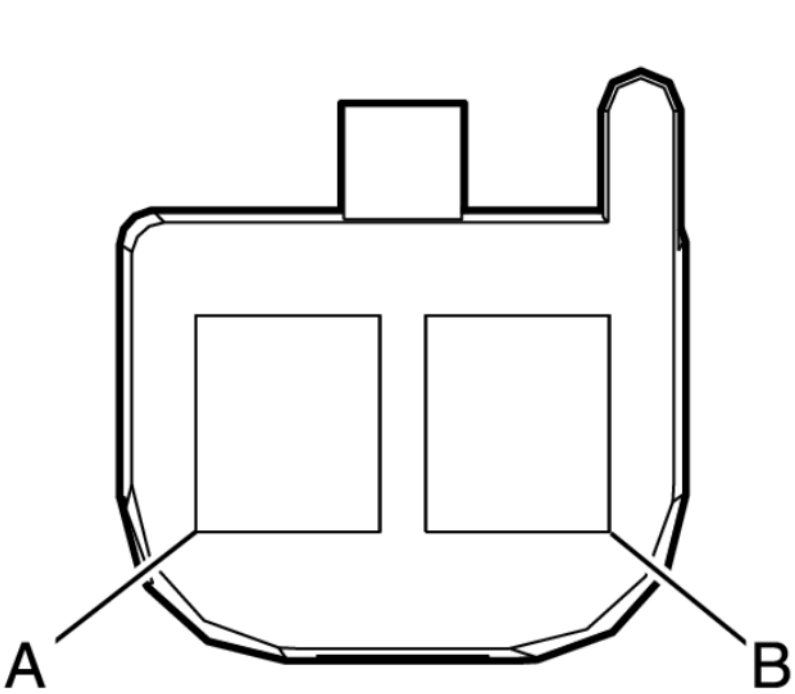
- Harness Type: Body
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BN/YE	9518	-	I	-
B	0.35	BK/YE	645	Sensor Low Reference	I	-

B7SR AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER AUXILIARY (C24)



Connector Part Information

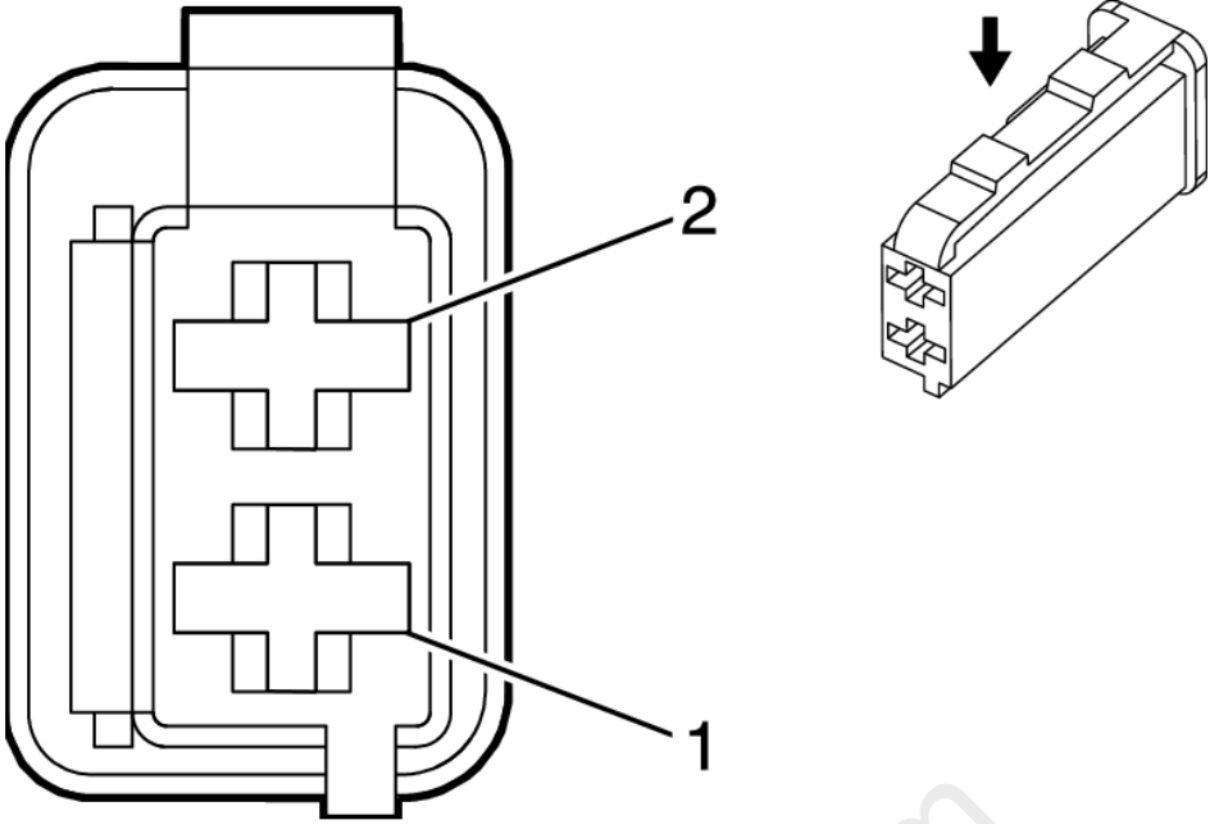
- Harness Type: Body
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BN/YE	9520	-	I	-
B	0.35	BK/YE	645	Sensor Low Reference	I	-

B7TL AIR TEMPERATURE SENSOR - DUCT LEFT LOWER AUXILIARY (C24)



Connector Part Information

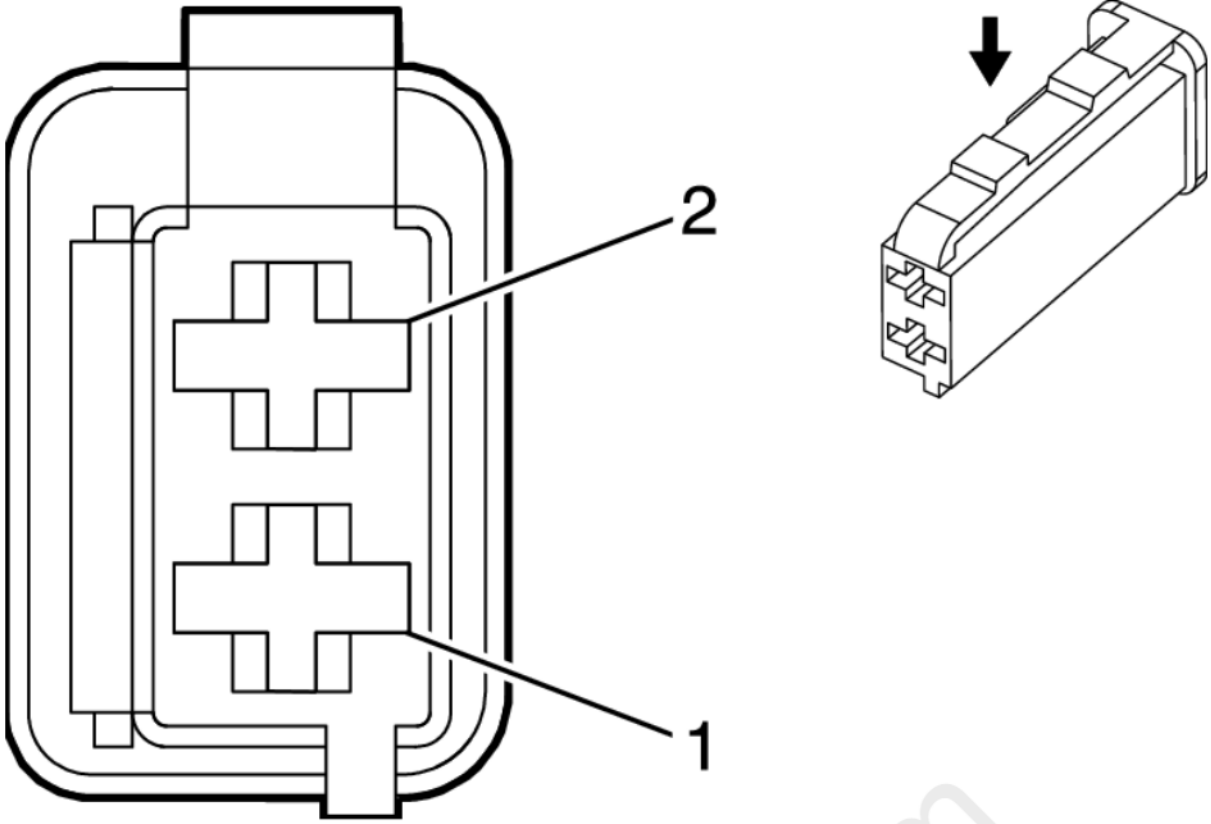
- Harness Type: Floor Console
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/BK	405	Lower Air Temperature Sensor Signal	I	-
2	0.5	BK/YE	645	Sensor Low Reference	I	-

B7TR AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER AUXILIARY (C24)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

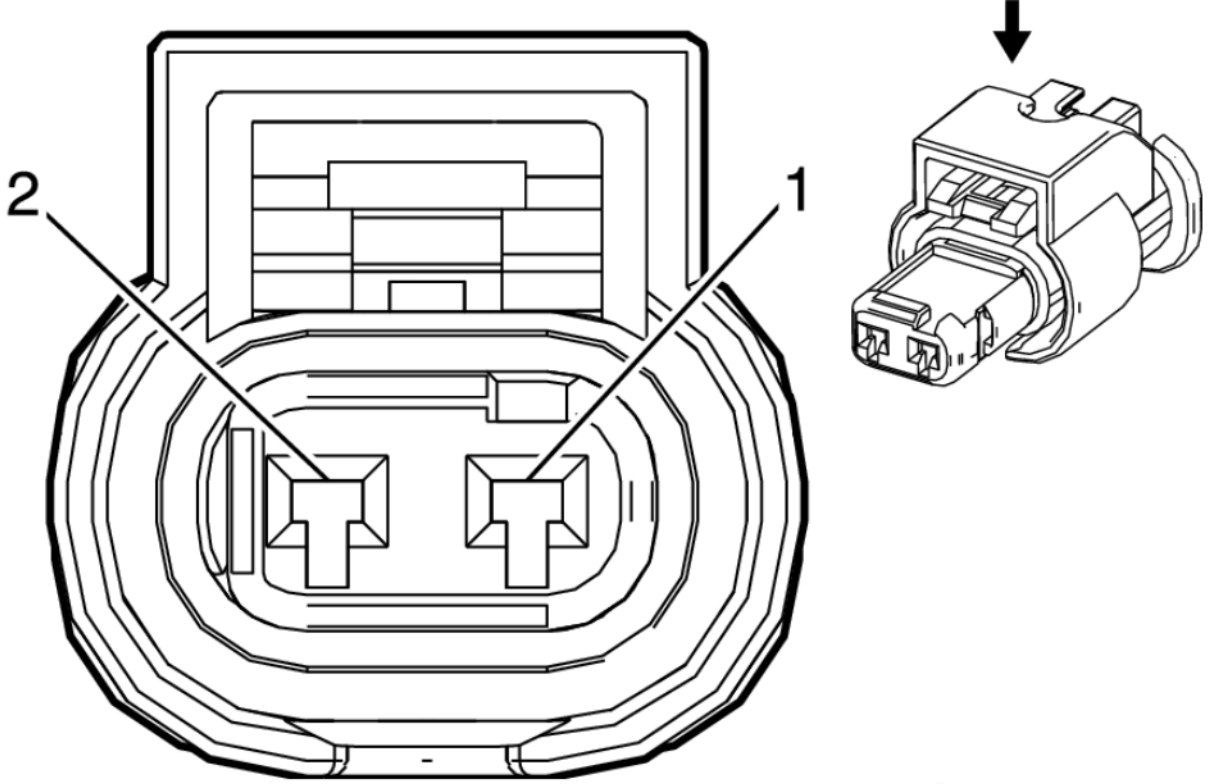
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	9519	-	I	-
2	0.35	BK/YE	645	Sensor Low Reference	I	-

B9 AMBIENT AIR TEMPERATURE SENSOR

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

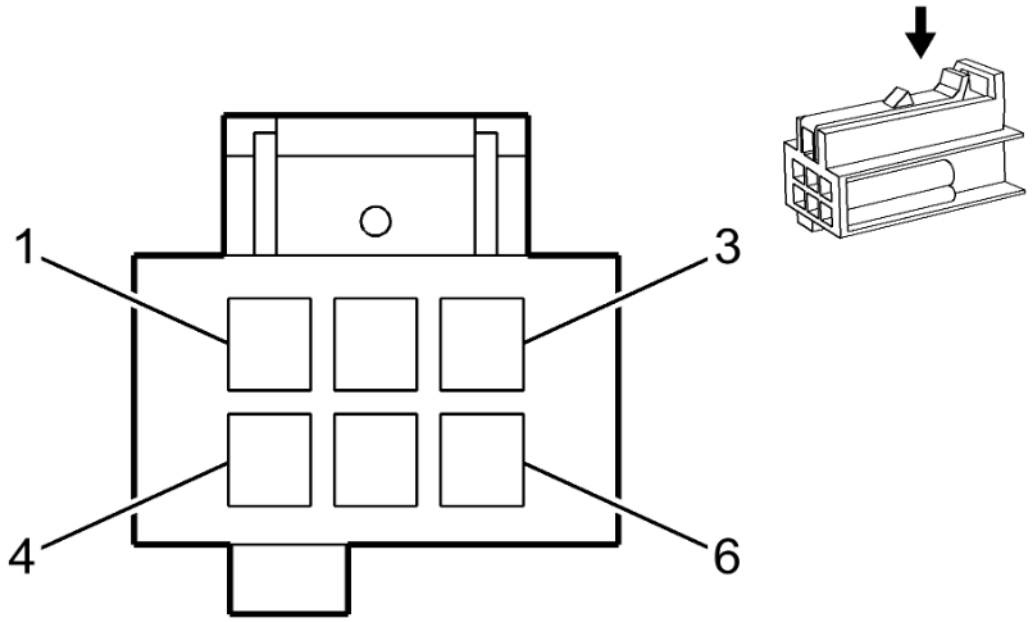
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
2	0.35	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-

B10B AMBIENT LIGHT/SUNLOAD SENSOR (KL9)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15338980
- Service Connector: 19333315
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

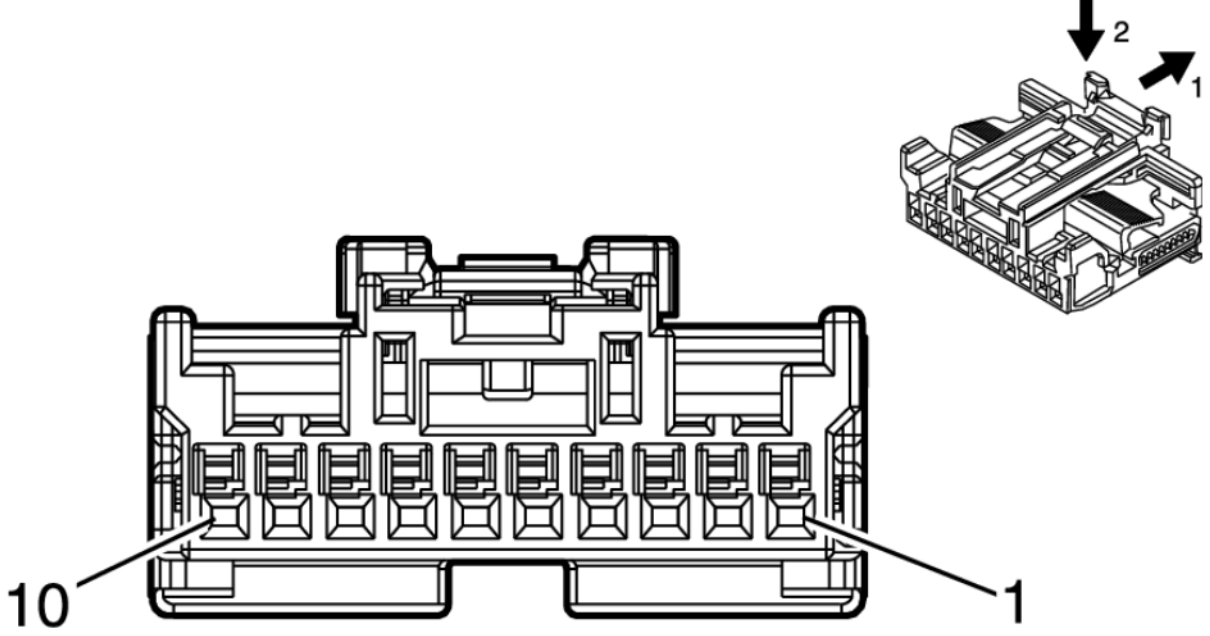
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	GY	590	Solar Sensor Driver Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.13	WH	278	Ambient Light Sensor Signal	I	-
4	0.13	BU	734	Inside Air Temperature Sensor Signal	I	-
5	0.13	GY	728	Security Indicator Control	I	-
6	0.13	GN	7567	Solar Sensor Low Reference	I	-

B15 TRANSMISSION INTERNAL MODE SWITCH

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Connector Part Information

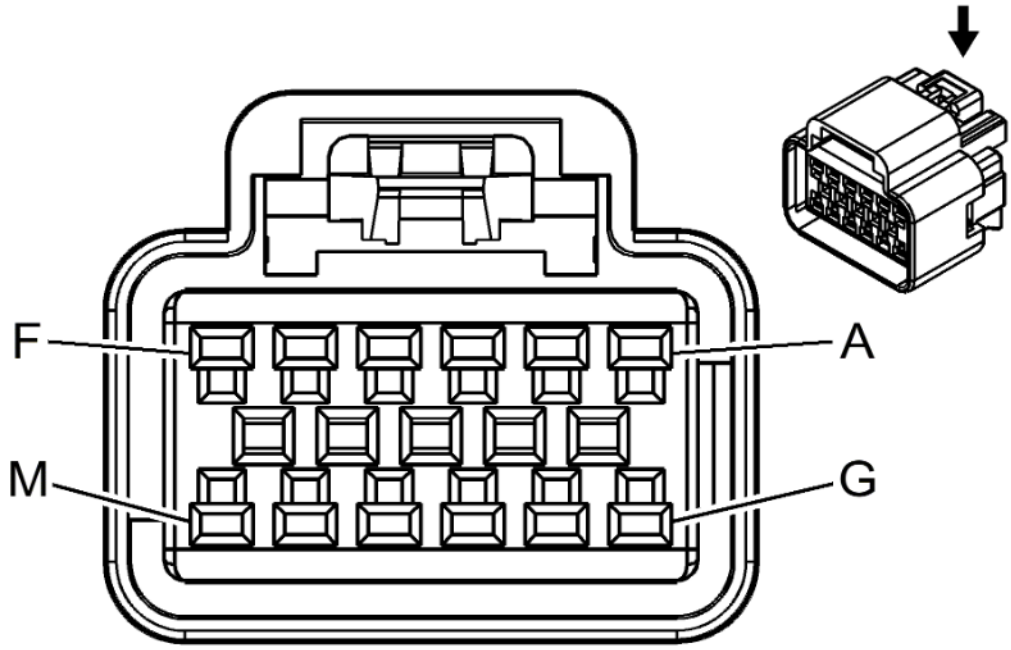
- Harness Type: Transmission Control
- OEM Connector: 2138504-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Generation Y Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-
2	0.5	BK/GY	3927	IMS Mode Switch Low Reference	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	YE/BU	4171	Transmission Position Sensor A 9V Reference	I	-
5	0.5	VT/WH	5981	PRNDL A Signal	I	-
6	0.5	WH/BK	5983	PRNDL C Signal	I	-
7	0.5	GY/YE	4169	PRNDL S Signal	I	-
8	0.5	GY/BN	5982	PRNDL B Signal	I	-
9	0.5	GY/WH	4168	PRNDL P Signal	I	-
10	0.5	YE/GN	4170	Transmission Position Sensor B 9V Reference	I	-

B15 TRANSMISSION INTERNAL MODE SWITCH (HP9)



Connector Part Information

- Harness Type: Transmission
- OEM Connector: 15332161
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 150 GT Series (BK)

Terminal Part Information

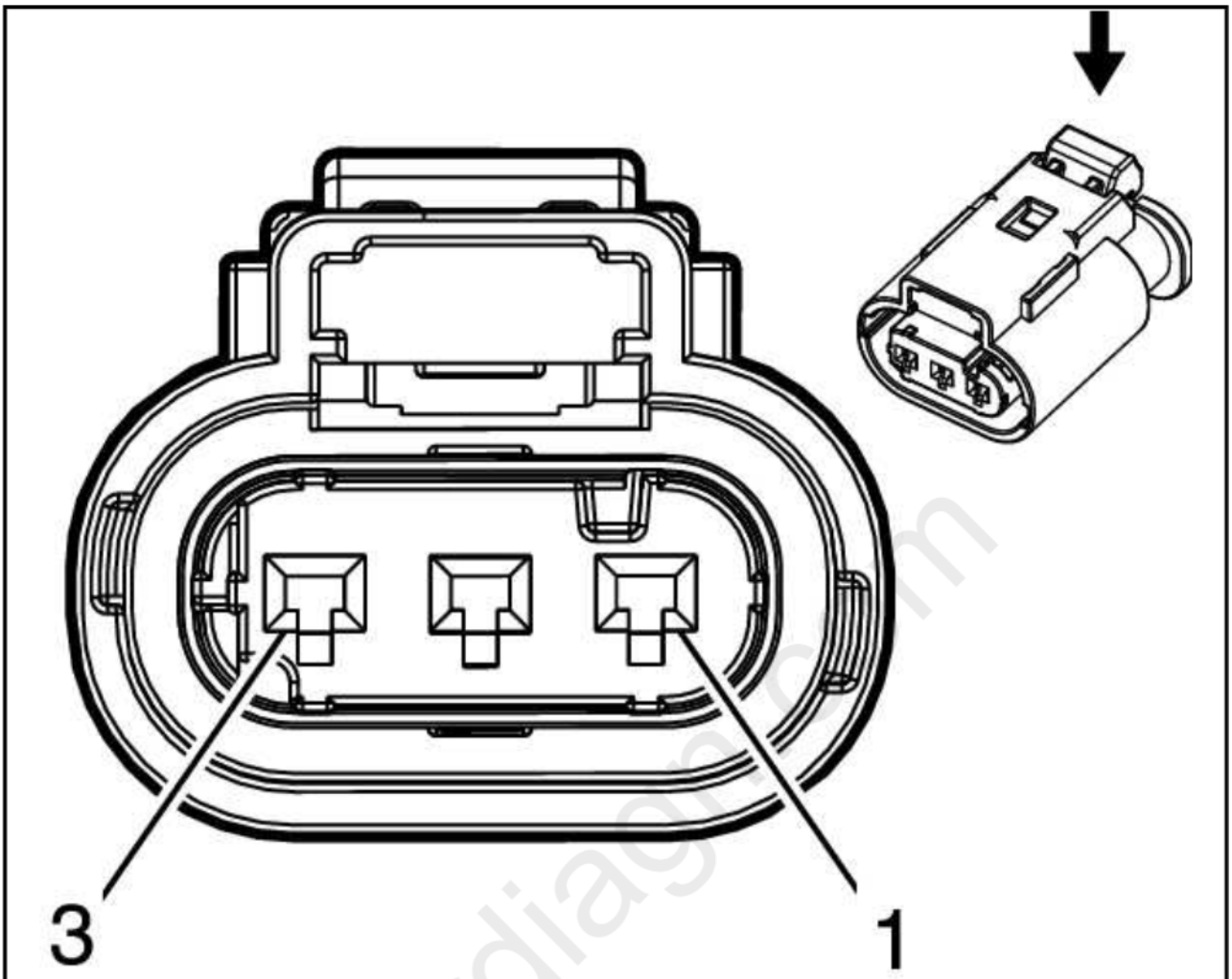
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	TN	3927	IMS Mode Switch Low Reference	I	-
B	0.5	OG	3497	Transmission IMS Mode Switch D2 bit Signal	I	-
C	0.5	YE	3496	Transmission IMS Mode Switch D1 bit Signal	I	-
D	0.5	GN	3495	Transmission IMS Mode Switch R2 bit Signal	I	-
E	0.5	BN	3494	Transmission IMS Mode Switch R1 bit Signal	I	-
F	0.5	GY	3493	Transmission IMS Mode Switch S bit Signal	I	-
G	0.5	BK	3927	IMS Mode Switch Low Reference	I	-
H	0.5	WH	4168	PRNDL P Signal	I	-
J	0.5	BU	5983	PRNDL C Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
K	0.5	GN	5982	PRNDL B Signal	I	-
L	0.5	VT	5981	PRNDL A Signal	I	-
M	-	-	-	Not Occupied	-	-

B17 BAROMETRIC PRESSURE SENSOR (LGW)



Connector Part Information

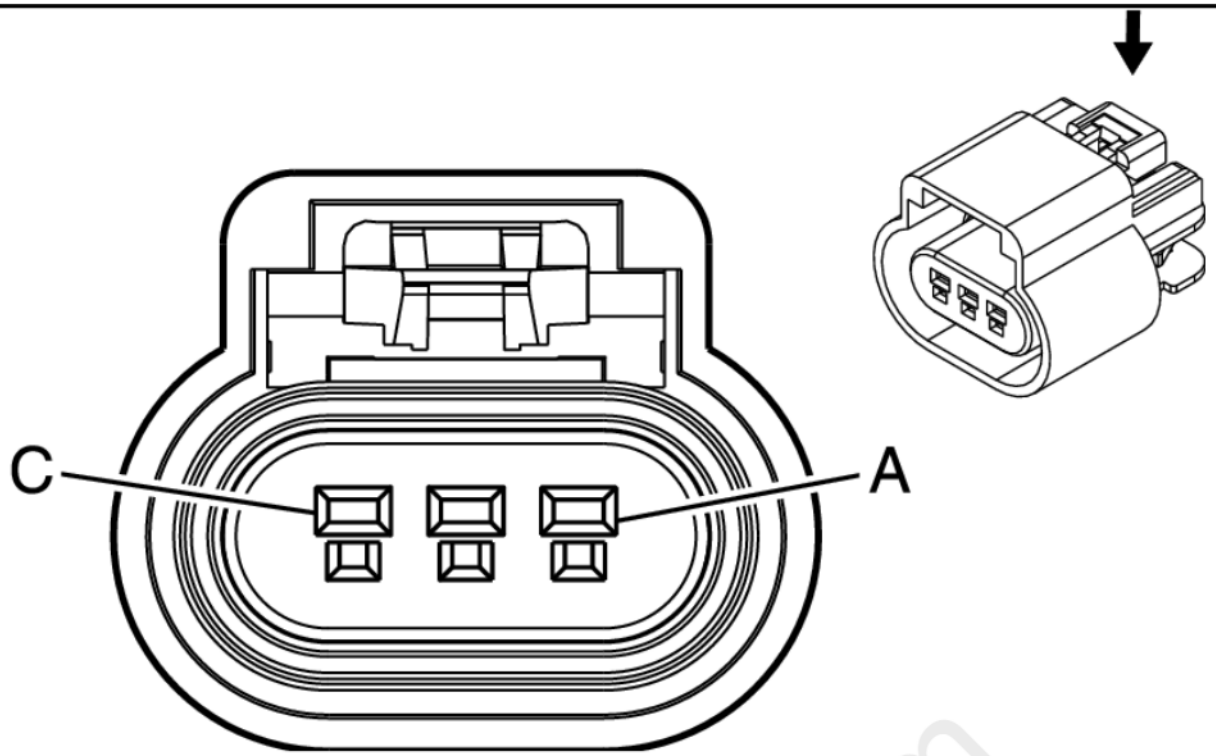
- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/RD	3053	Turbo Intake Pressure Sensor High Reference Bank 1	I	-
2	0.5	BK/WH	2051	Signal Ground	I	-
3	0.5	YE	3054	Turbo Intake Pressure Sensor Signal Bank 1	I	-

B18 BATTERY CURRENT SENSOR (HP9)



Connector Part Information

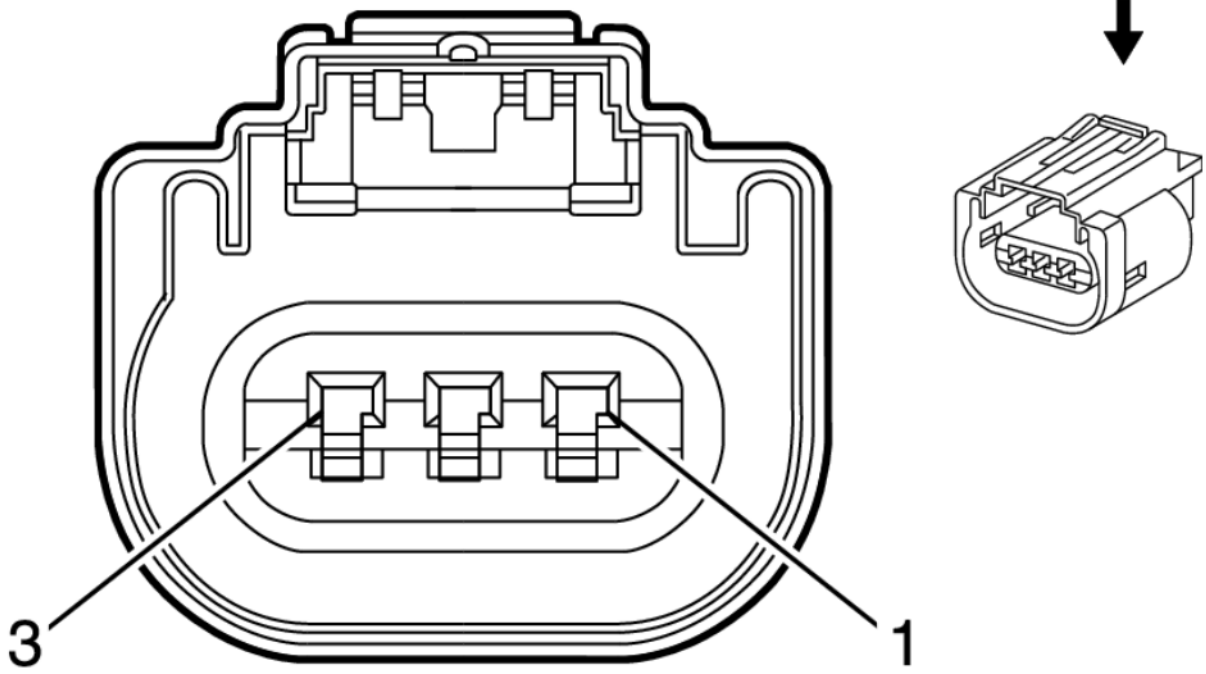
- Harness Type: Body
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/VT	5076	Current Sensor Control	I	-
B	0.35	BK/VT	5077	Current Sensor Low Reference	I	-
C	0.35	WH/YE	5075	Current Sensor Signal	I	-

B19B BRAKE BOOSTER VACUUM SENSOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 13675632
- Service Connector: 13584784
- Description: 3-Way F 1.5 Series, Sealed (BK)

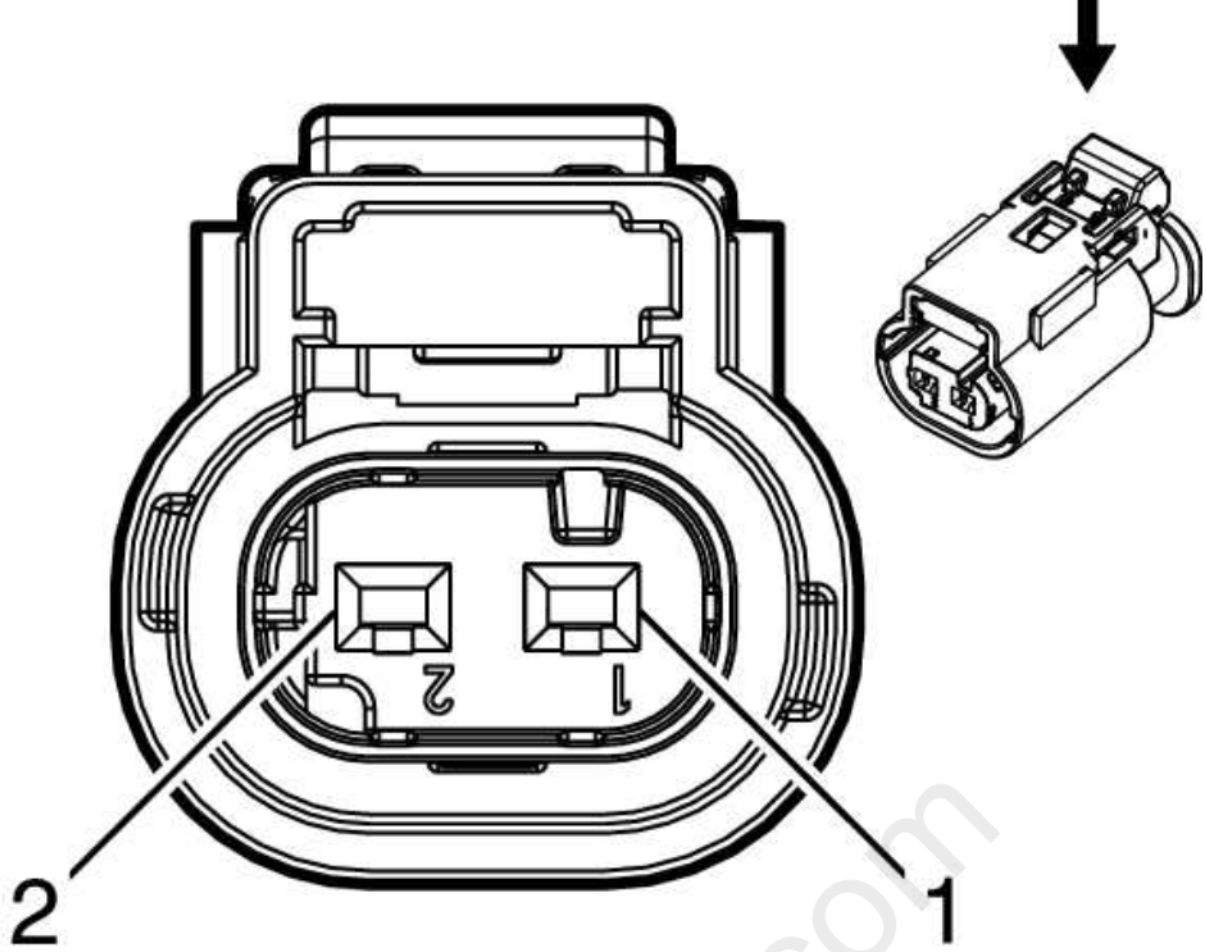
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	I	-
2	0.5	BK/YE	6032	Brake Vacuum Sensor Low Reference	I	-
3	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	I	-

B20 BRAKE FLUID LEVEL SWITCH

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

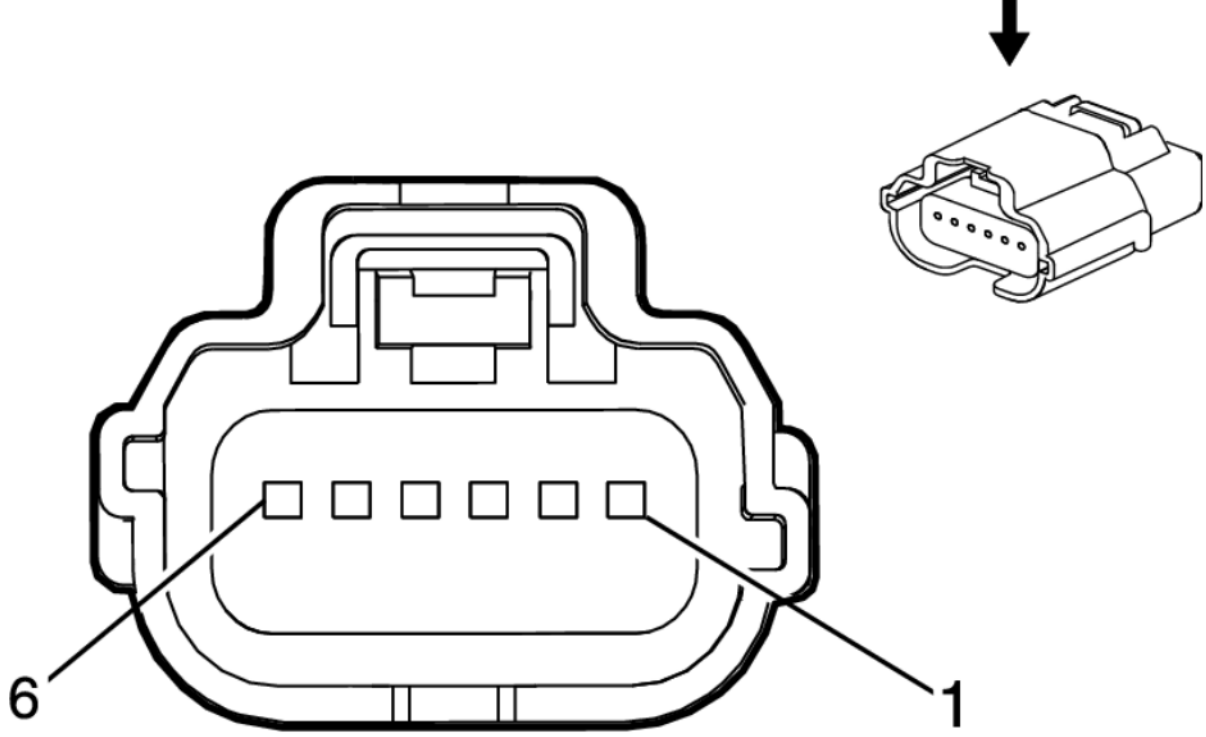
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	750	Ground	I	-
2	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	I	-

B22 BRAKE PEDAL POSITION SENSOR

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Connector Part Information

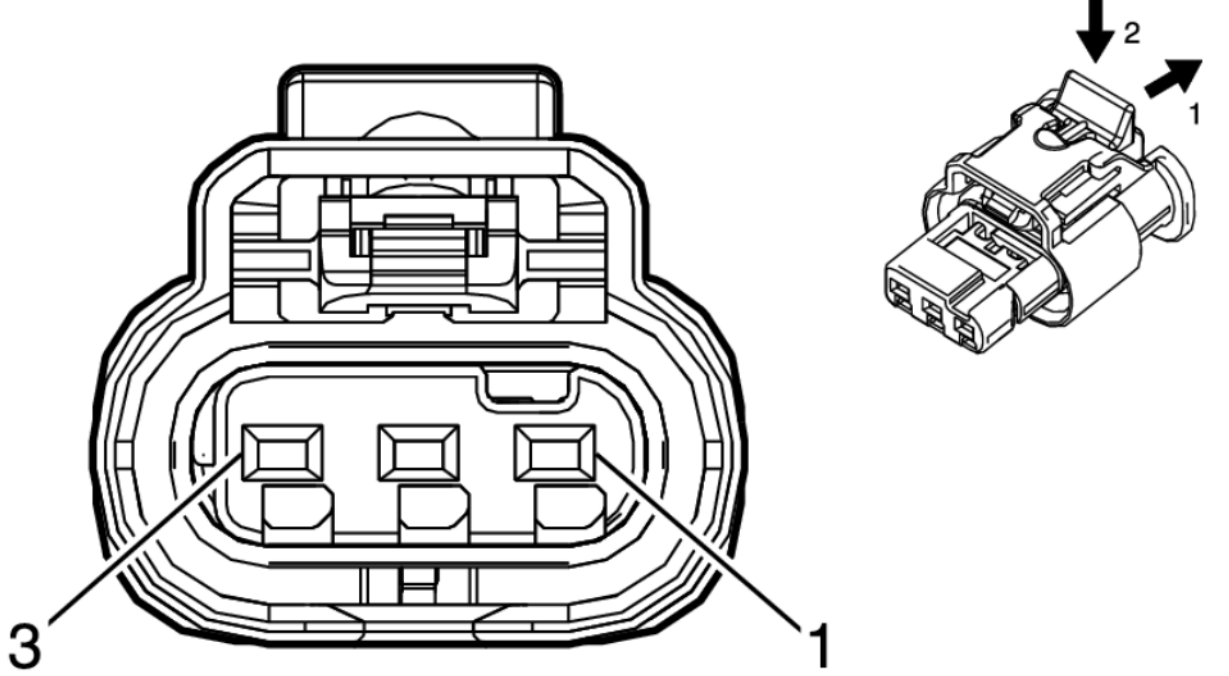
- Harness Type: Instrument Panel
- OEM Connector: 13893502
- Service Connector: 19356496
- Description: 6-Way F 64 Series, Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
2	0.35	WH	5359	Brake Apply Sensor Control	I	-
3	0.35	BU/YE	5361	Brake Apply Sensor Signal	I	-
4	0.35	WH/GN	5380	Brake Position Sensor Signal	I	-
5	0.35	BK/YE	5382	Brake Position Sensor Low Reference	I	-
6	0.35	WH/RD	5381	Brake Position Sensor 5V Reference	I	-

B23A CAMSHAFT POSITION SENSOR - BANK 1 EXHAUST (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

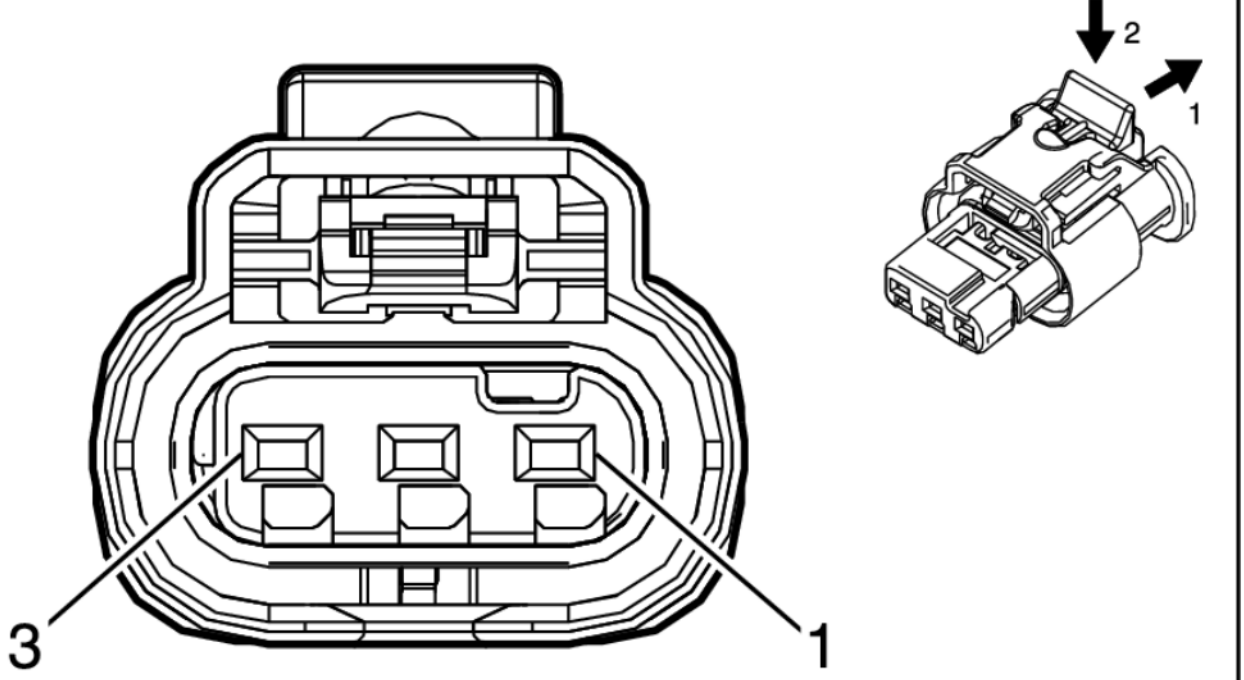
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
2	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
3	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-

B23B CAMSHAFT POSITION SENSOR - BANK 1 INTAKE (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

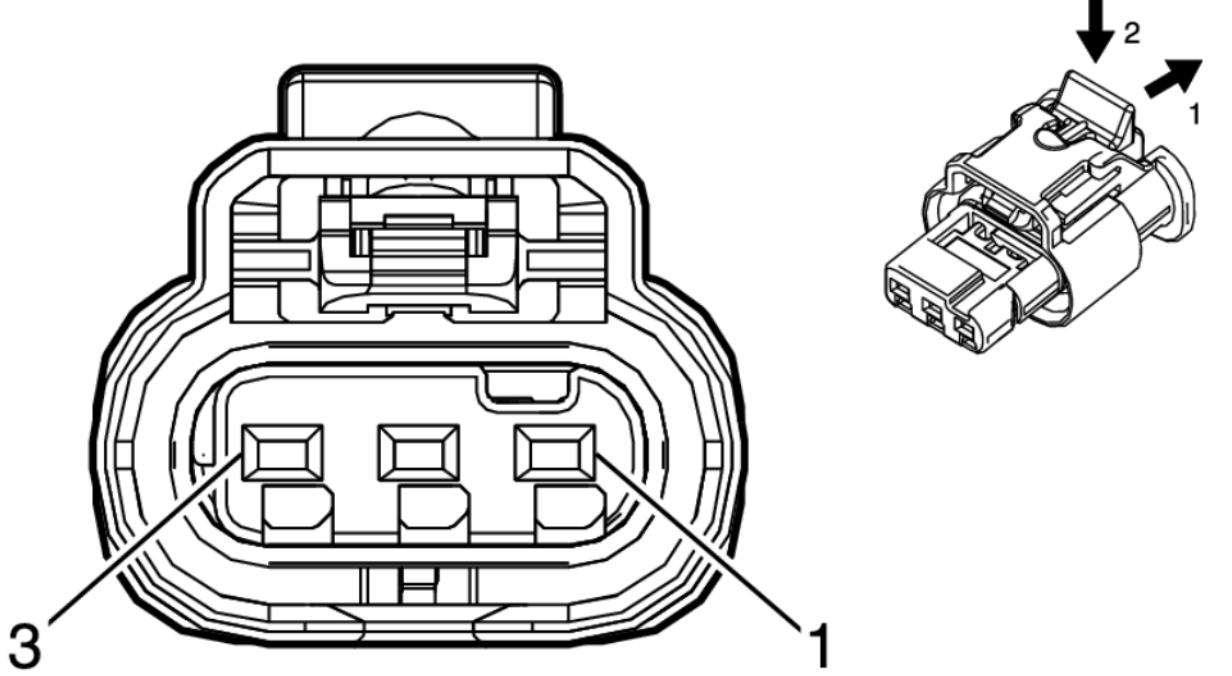
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
2	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
3	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-

B23C CAMSHAFT POSITION SENSOR - BANK 2 EXHAUST (LGW/LGX)

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Connector Part Information

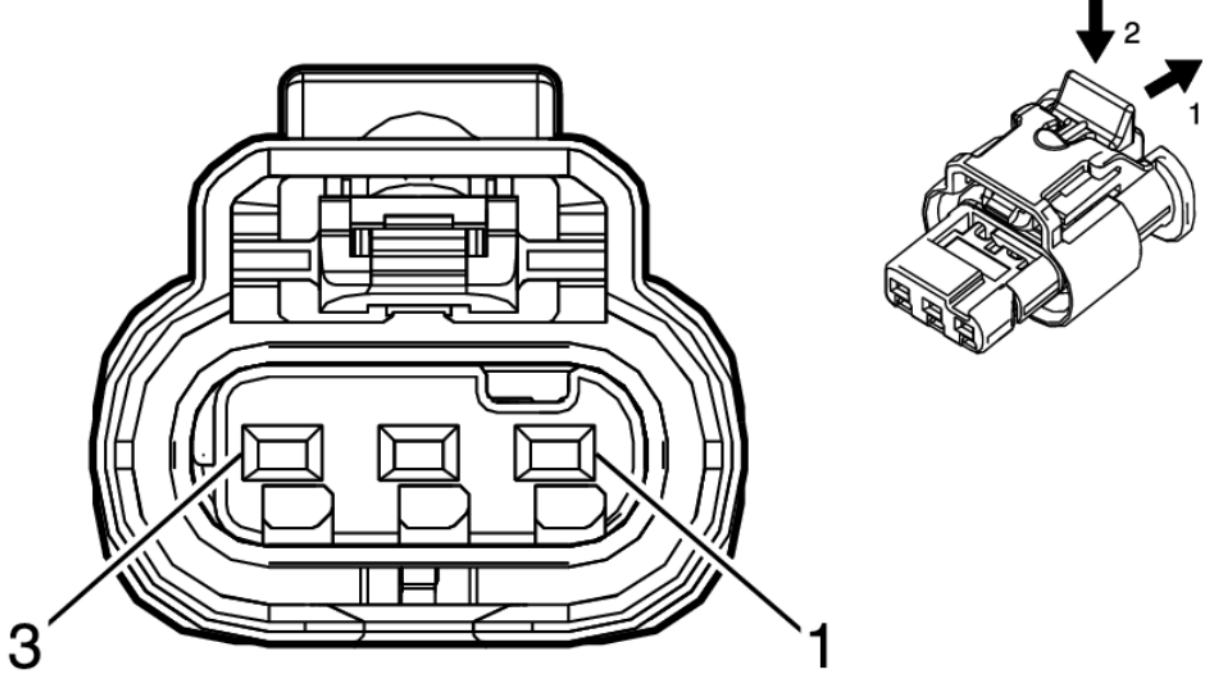
- Harness Type: Engine
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BN	5298	Camshaft Position Exhaust Sensor Control 2	I	-
2	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	I	-
3	0.5	VT/BU	5274	Camshaft Position Exhaust Sensor 2	I	-

B23D CAMSHAFT POSITION SENSOR - BANK 2 INTAKE (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

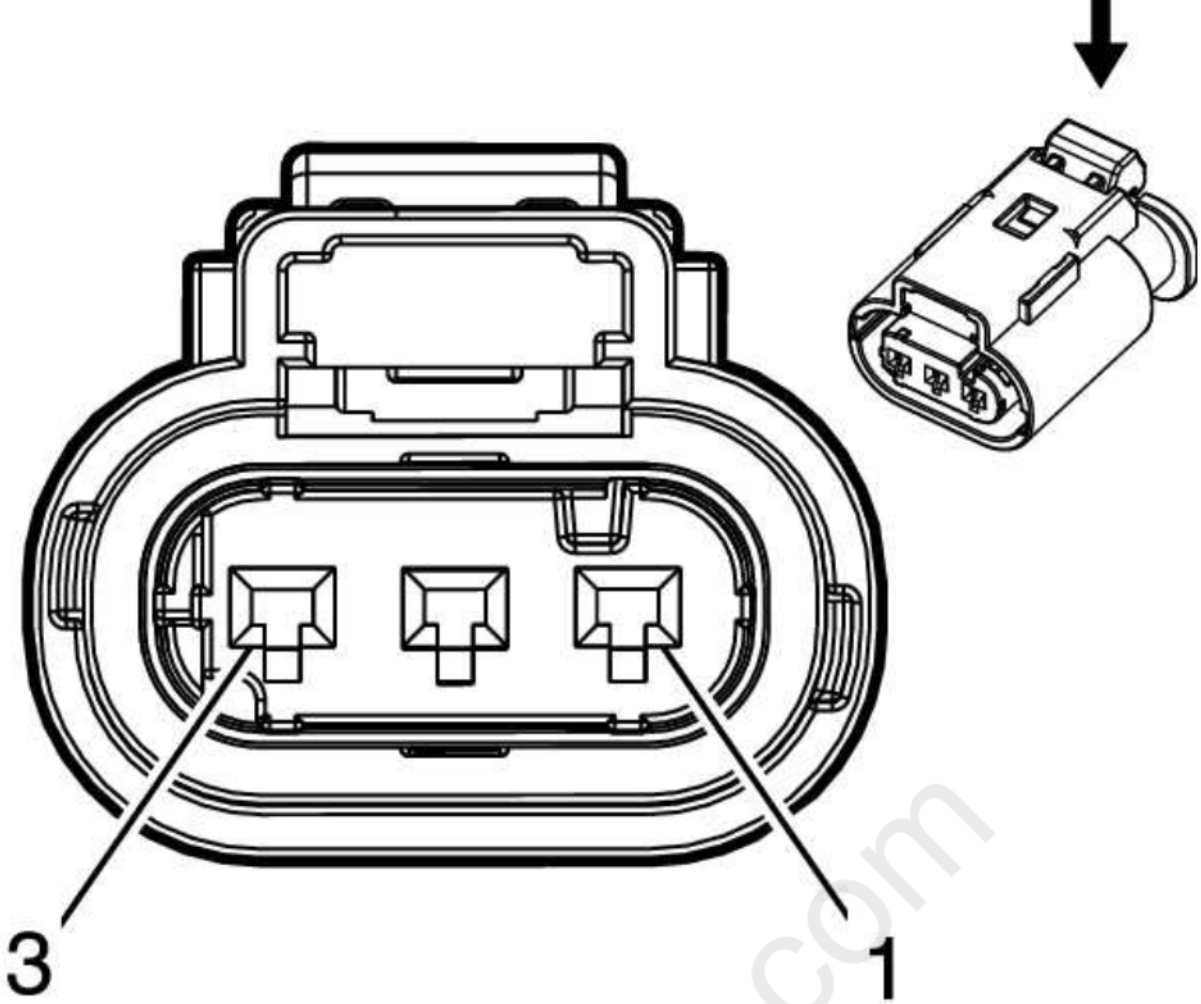
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	5302	Camshaft Position Intake Sensor Control 2	I	-
2	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	I	-
3	0.5	YE	5276	Camshaft Position Intake Sensor 2	I	-

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

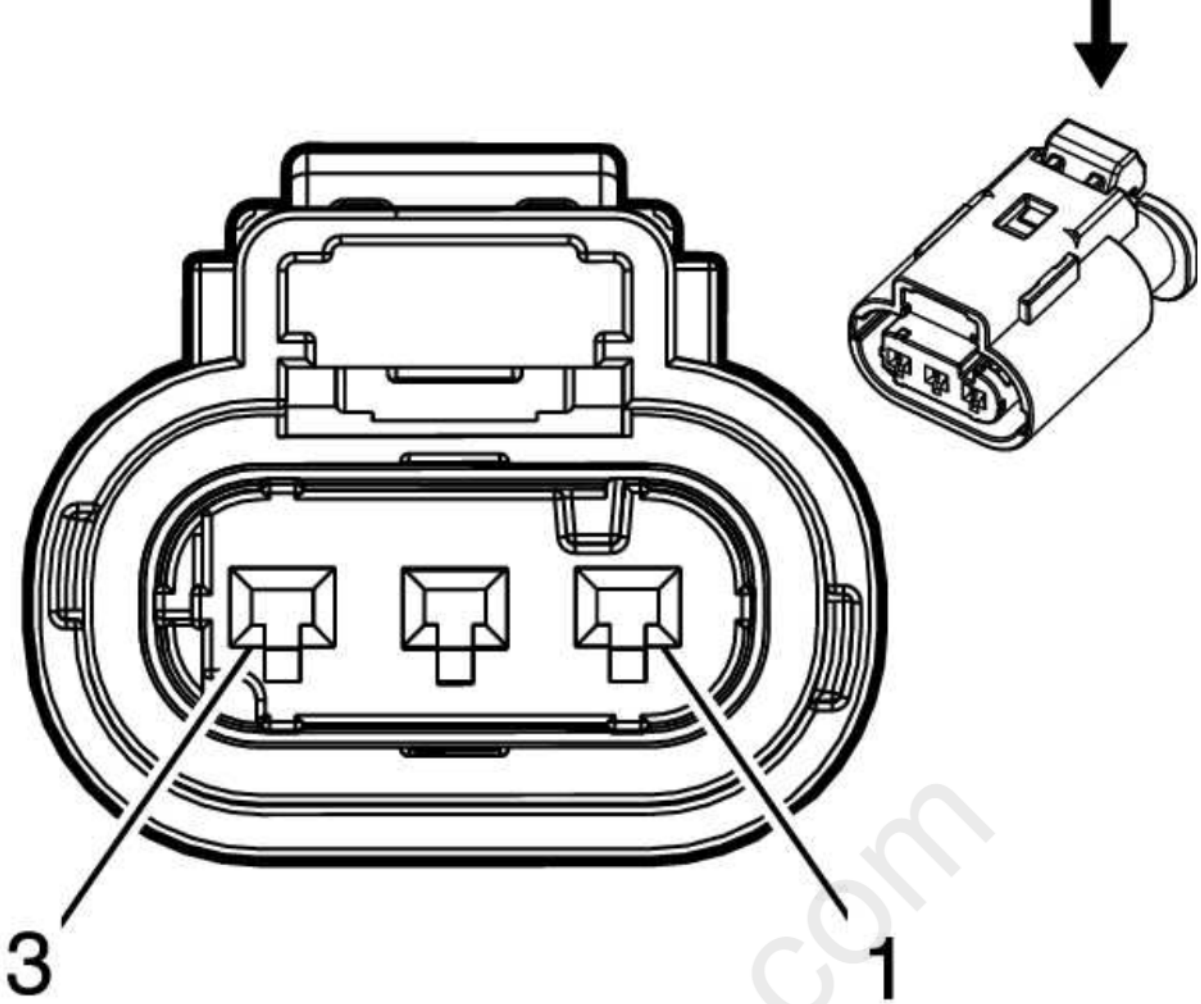
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
2	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
3	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-

B23F CAMSHAFT POSITION SENSOR - INTAKE (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

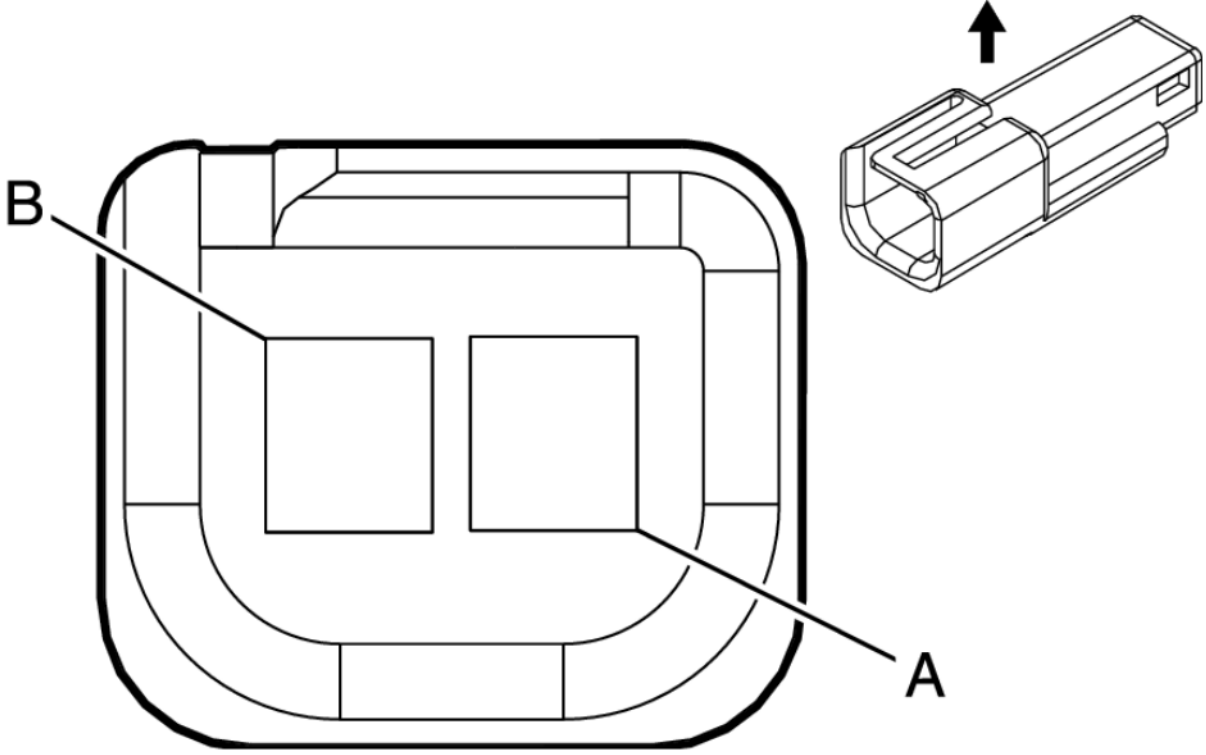
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
2	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
3	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-

B24 CELLULAR PHONE MICROPHONE

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Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

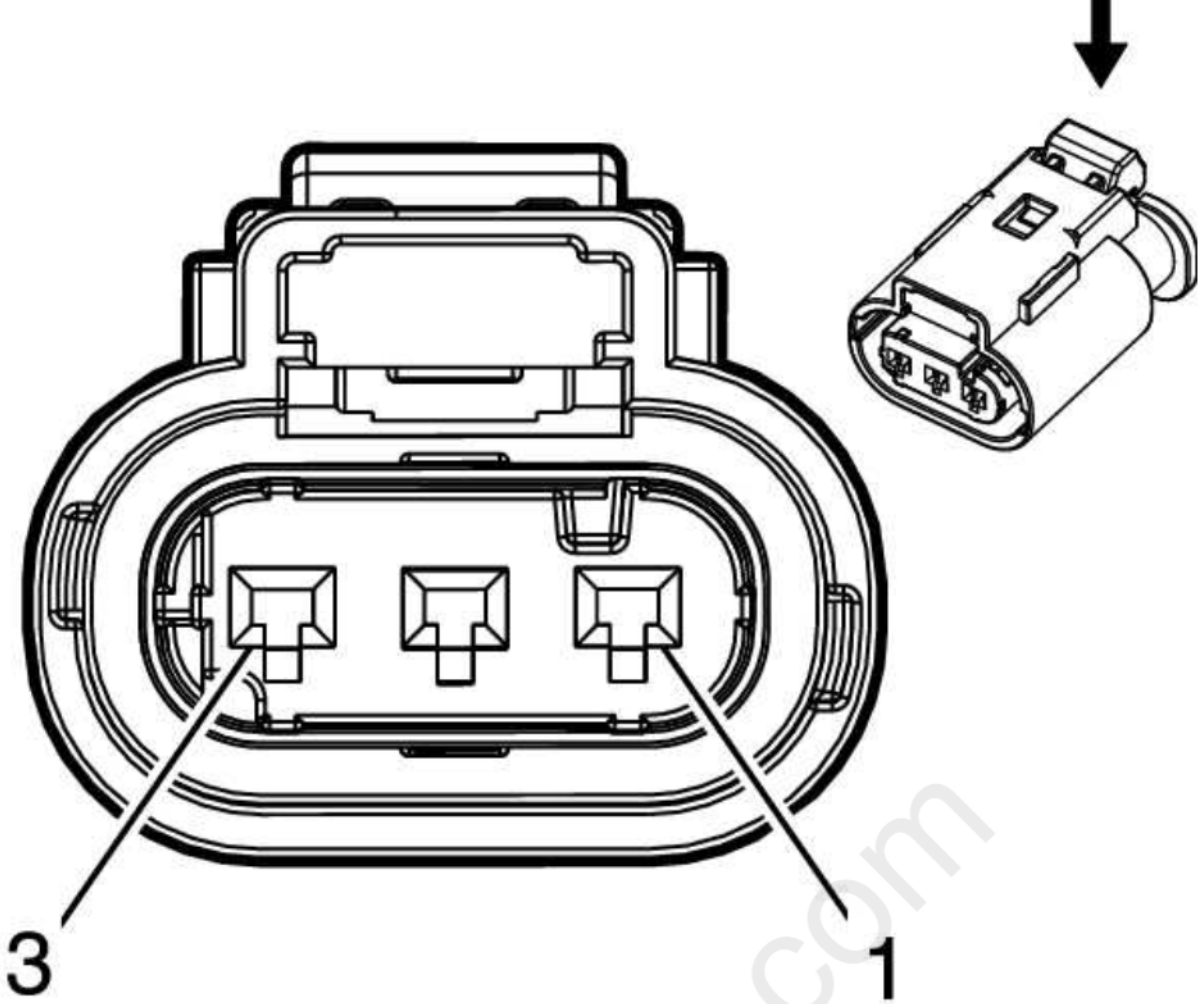
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
B	0.5	BU	655	Cellular Telephone Microphone Signal	I	-

B26 CRANKSHAFT POSITION SENSOR (LGW)

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Connector Part Information

- Harness Type: Engine Jumper
- OEM Connector: 13503570
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

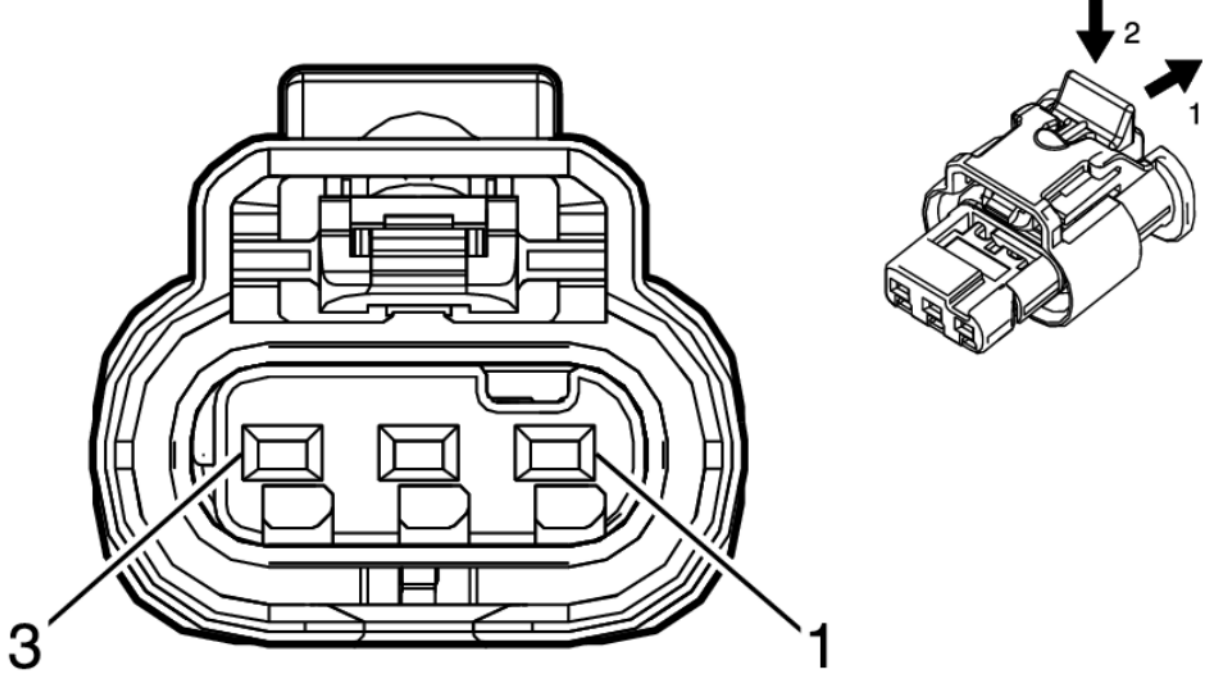
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
2	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
3	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-

B26 CRANKSHAFT POSITION SENSOR (LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

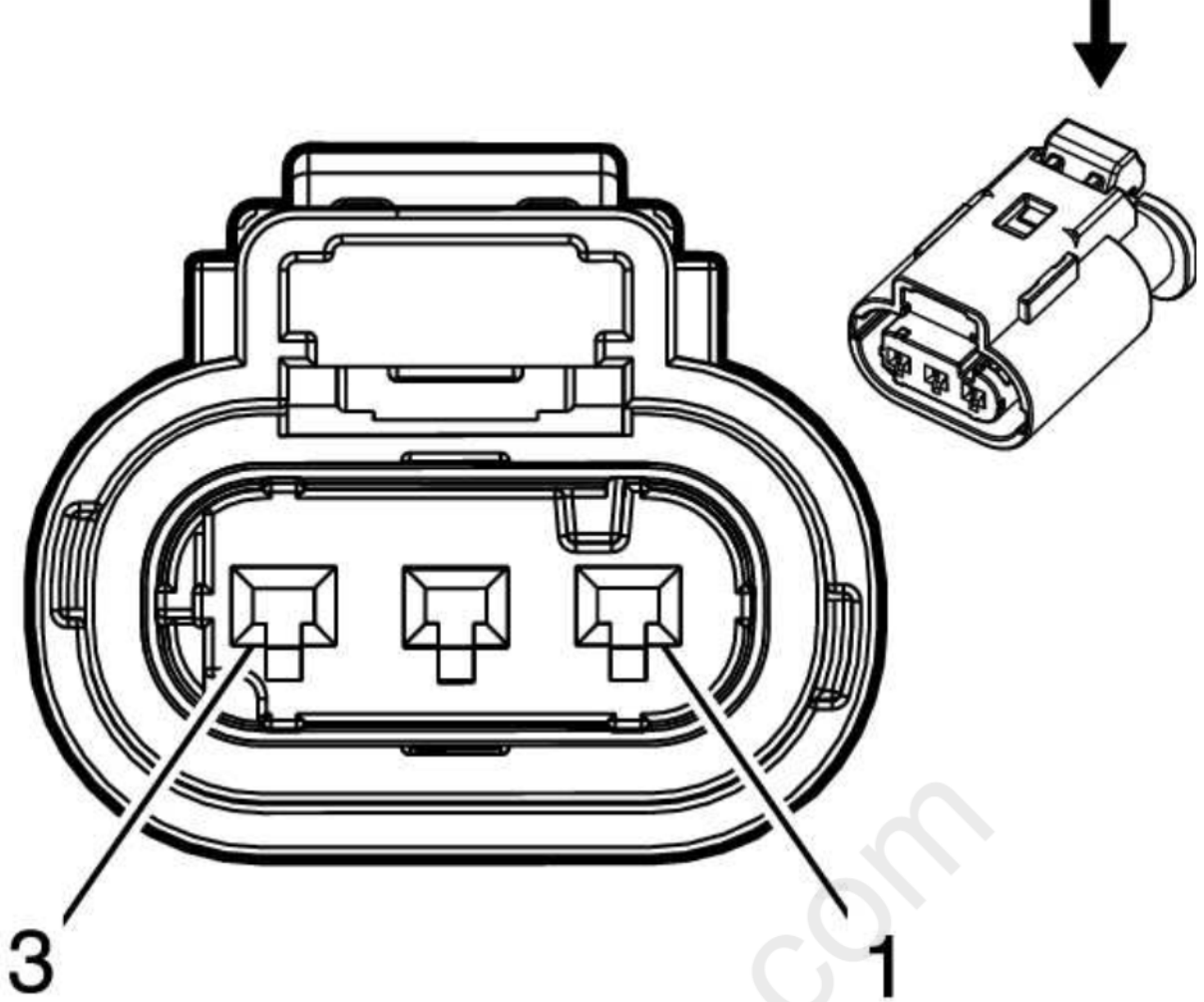
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
2	0.5	WH	6272	Crankshaft 60X Sensor Low Reference	I	-
3	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-

B26 CRANKSHAFT POSITION SENSOR (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

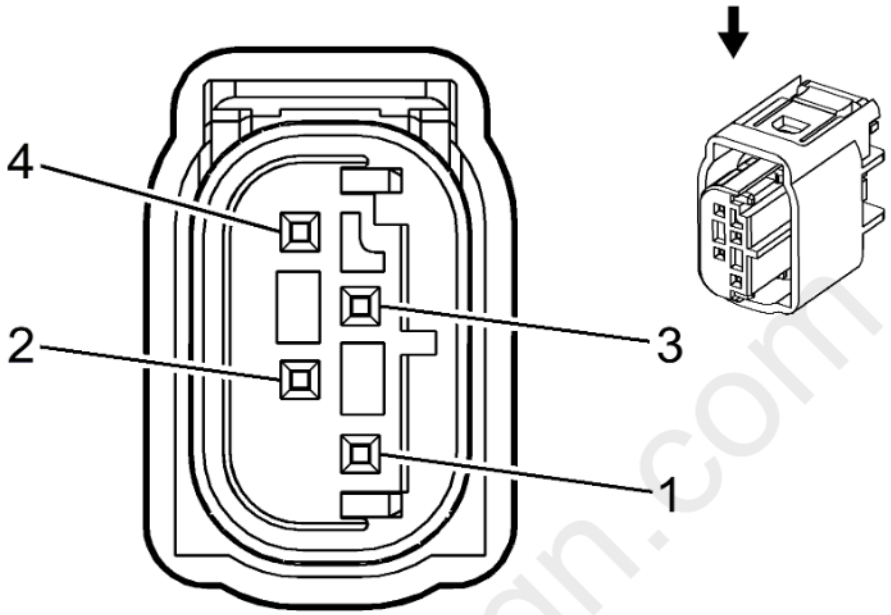
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
2	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
3	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

B201 BRAKE CONTROL BRAKE PEDAL POSITION SENSOR (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10756595
- Service Connector: 13585332
- Description: 4-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

Terminal Part Information

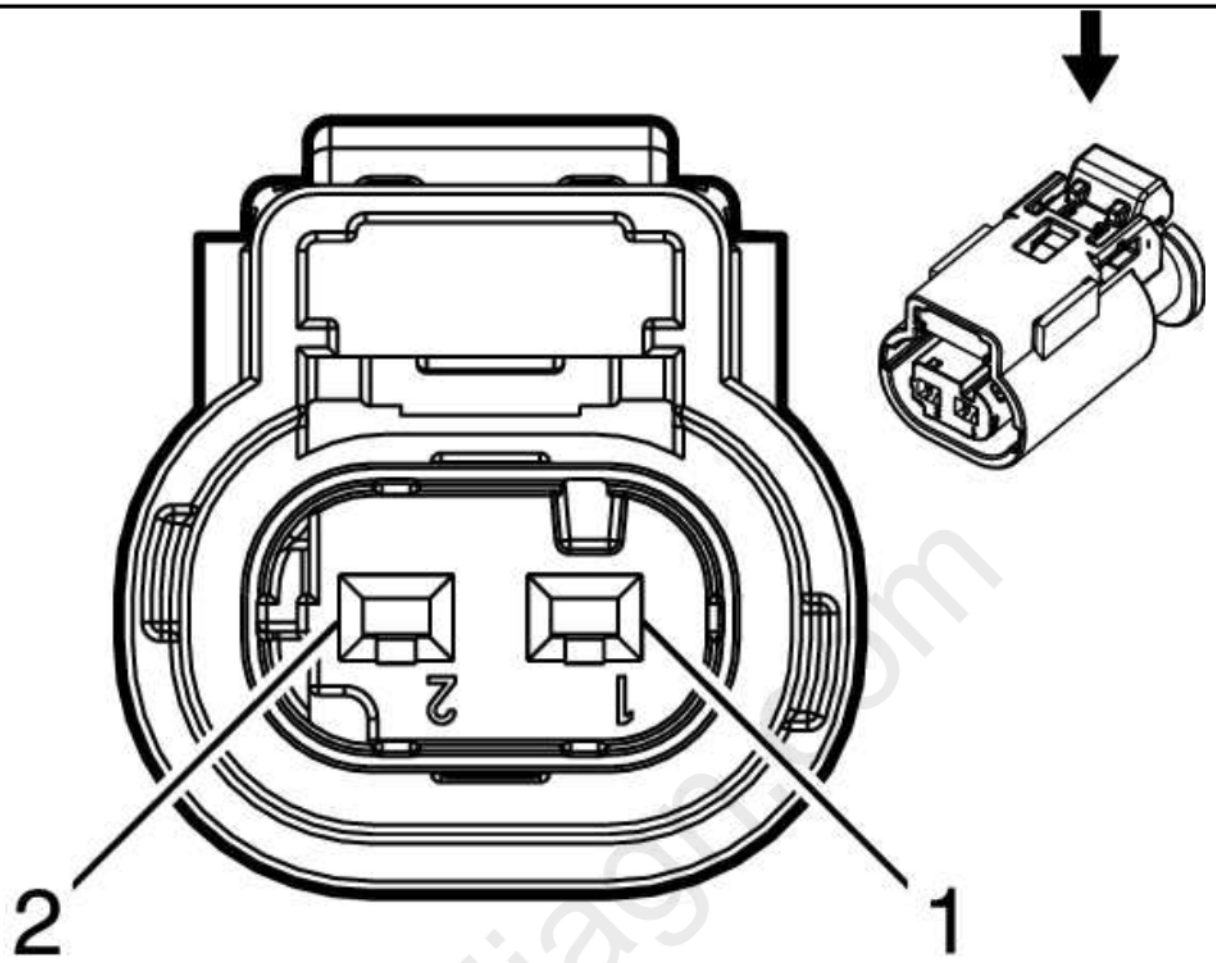
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
2	0.35	BU/YE	3334	Brake Pedal Travel Sensor 1 Signal	I	-
3	0.35	BK/GY	3417	Brake Pedal Travel Sensor 1 Low Reference	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	VT/BN	3333	Brake Pedal Travel Sensor 2 Signal	I	-

B202 HYBRID/EV ELECTRONICS COOLANT TEMPERATURE SENSOR (HP9)



Connector Part Information

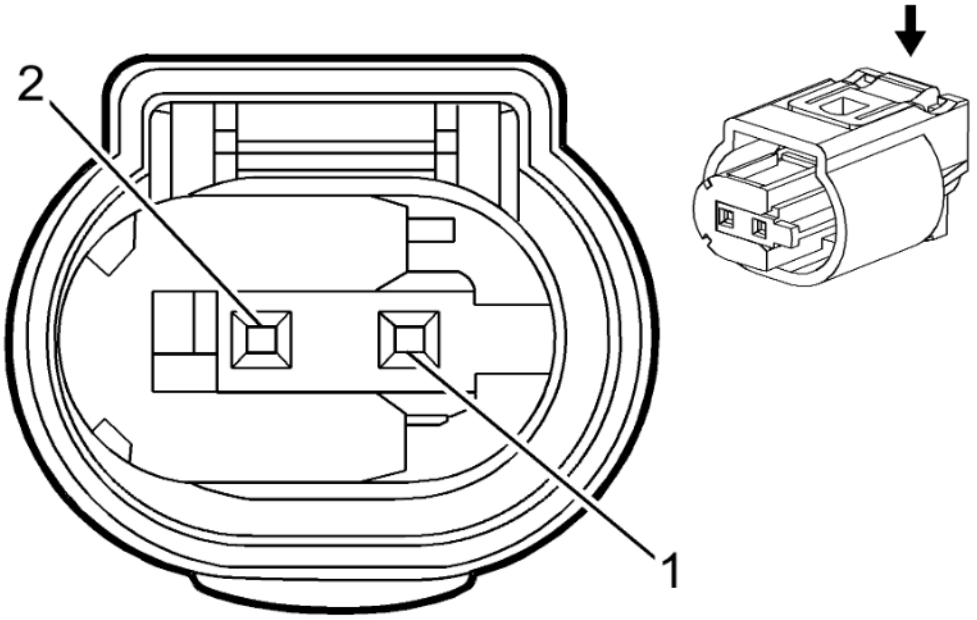
- Harness Type: Forward Lamp
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/VT	2032	Coolant Temperature Sensor Signal	I	-
2	0.5	BK/YE	407	Sensor Low Reference	I	-

B204A HYBRID/EV BATTERY PACK COOLANT TEMPERATURE SENSOR 1 (HP9)



Connector Part Information

- Harness Type: Battery Pack Coolant Temperature Sensor Jumper
- OEM Connector: 13623700
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

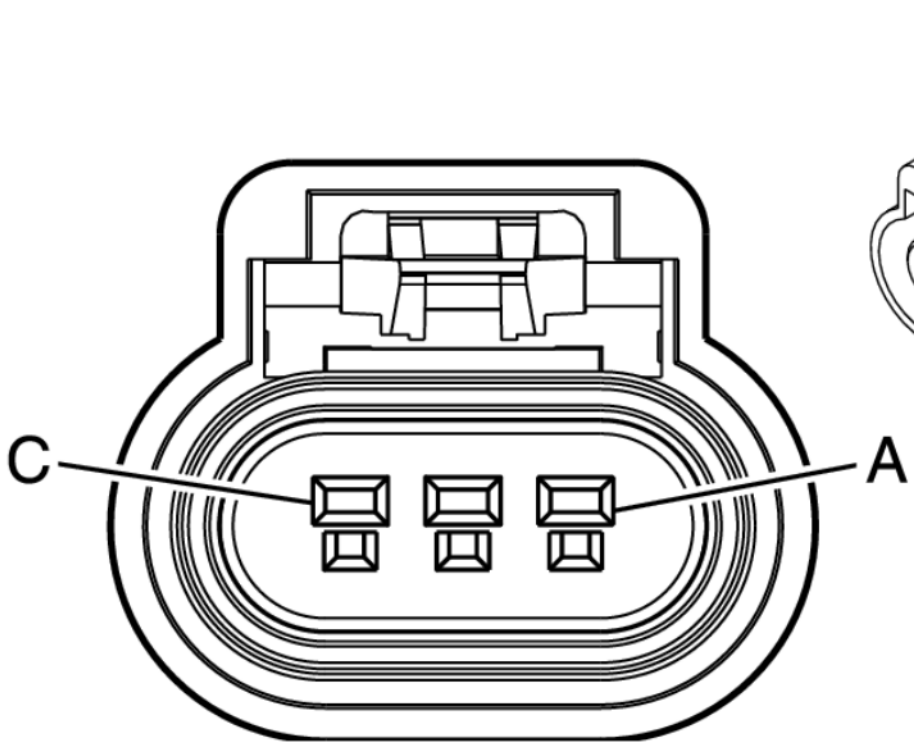
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BU	5411	Battery Module Temperature Signal 7	I	-
2	0.5	YE	3779	Battery Module Temperature Sensor Low Reference 7	I	-

B208 FUEL FILL DOOR STATUS SWITCH ASSEMBLY (HP9)

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Connector Part Information

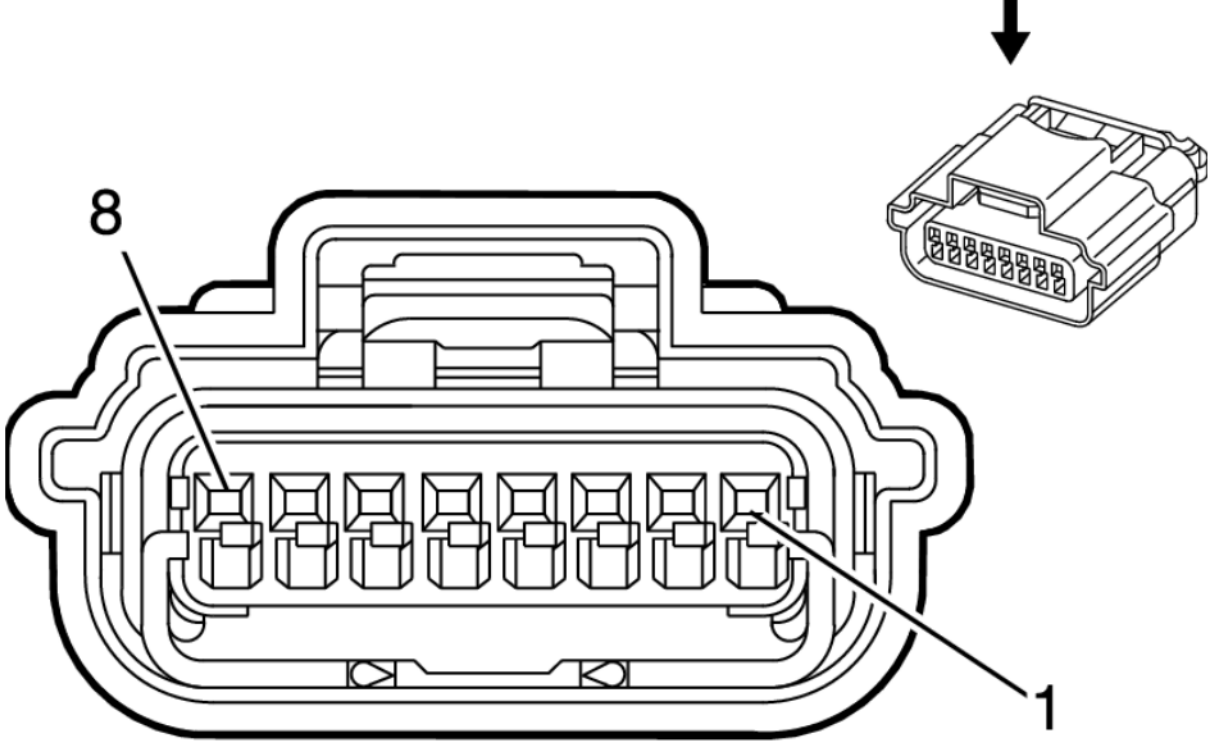
- Harness Type: Body
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/BK	6502	Fuel Door Open Signal	I	-
B	0.5	GY	997	-	I	-
C	0.35	BK	2450	Ground	I	-

B218L SIDE OBJECT SENSOR MODULE - LEFT (UKC)



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 15539250
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series, Sealed (BK)

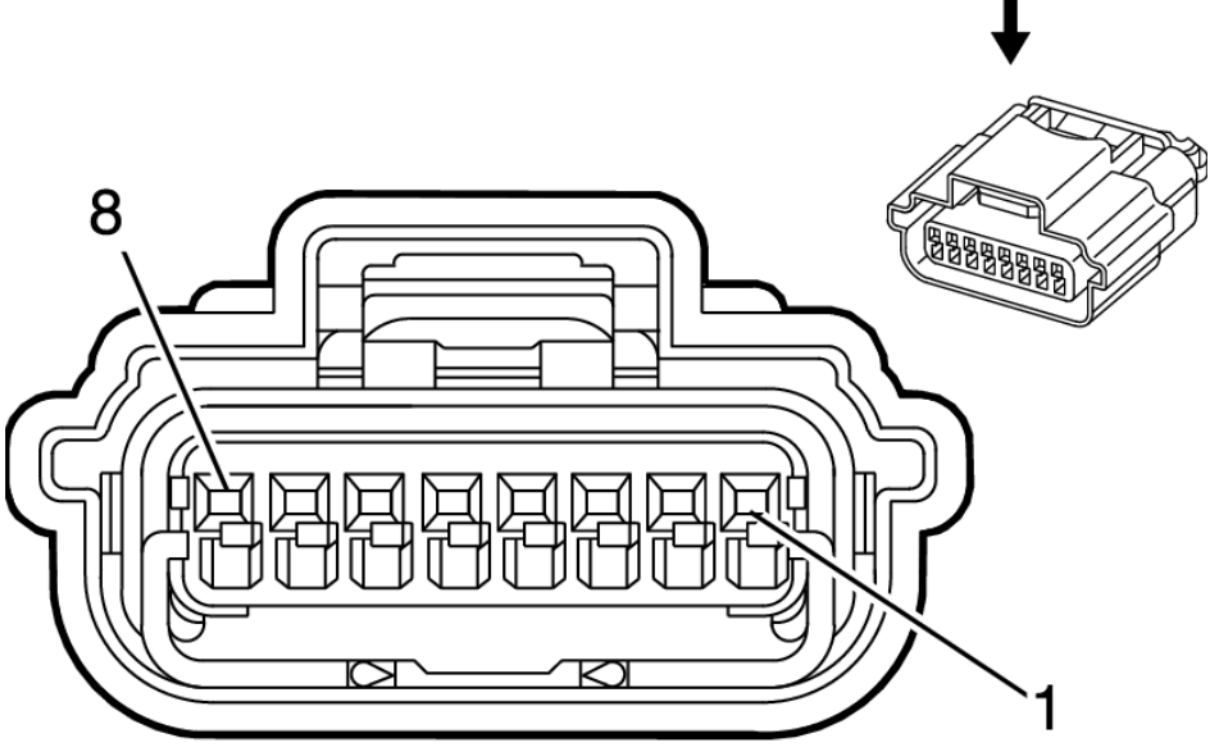
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	BU/WH	3812	High Speed GMLAN Serial Data (+) 5	I	-
5	0.5	BU/YE	3810	High Speed GMLAN Serial Data (-) 5	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	BK	3850	Ground	I	-
8	0.5	RD/GN	3840	Battery Positive Voltage	I	-

B218R SIDE OBJECT SENSOR MODULE - RIGHT (UKC)

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 15539251
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	5861	Passenger Side Object Detection LED Signal 1	I	-
2	0.35	GY/YE	5853	Driver Side Object Detection LED Signal 1	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BU/WH	3812	High Speed GMLAN Serial Data (+) 5	I	-
5	0.5	BU/YE	3810	High Speed GMLAN Serial Data (-) 5	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	BK	3850	Ground	I	-
8	0.5	RD/GN	3840	Battery Positive Voltage	I	-

B225L SIDEVIEW CAMERA - LEFT (UVH)

-

Connector Part Information

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- Harness Type: Driver Outside Rearview Mirror
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/GN	2628	Left Side Vision Camera Video Signal (+)	I	-
2	- -	BARE WH	2624 2624	Left Side Vision Camera Video Drain Wire Left Side Vision Camera Video Drain Wire	I I	- -
4	-	GY/GN	2625	Left Side Vision Camera Video Signal (-)	I	-
5	-	PK	6202	Camera Ground	I	-
6	-	PK	6201	Camera Control	I	-

B225R SIDEVIEW CAMERA - RIGHT (UVH)

-

Connector Part Information

- Harness Type: Passenger Outside Rearview Mirror
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

Terminal Part Information

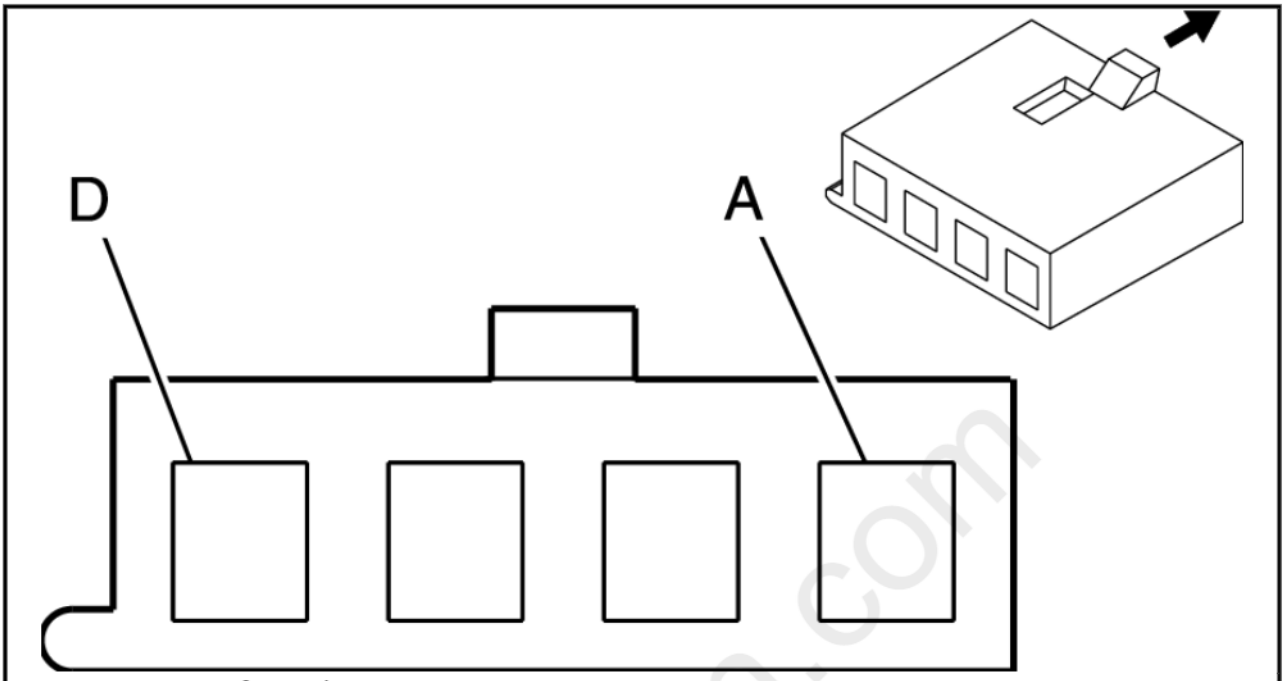
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD	2627	Right Side Vision Camera Video Signal (+)	I	-
2	- -	BARE WH	2623 2623	Right Side Vision Camera Video Drain Wire Right Side Vision Camera Video Drain Wire	I I	- -

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	-	BU	2626	Right Side Vision Camera Video Signal (-)	I	-
5	-	PK	6202	Camera Ground	I	-
6	-	PK	6201	Camera Control	I	-

B228A DRIVE MOTOR 1 POSITION SENSOR (HP9)



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 13989339
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 150 Metri-Pack Series (CR)

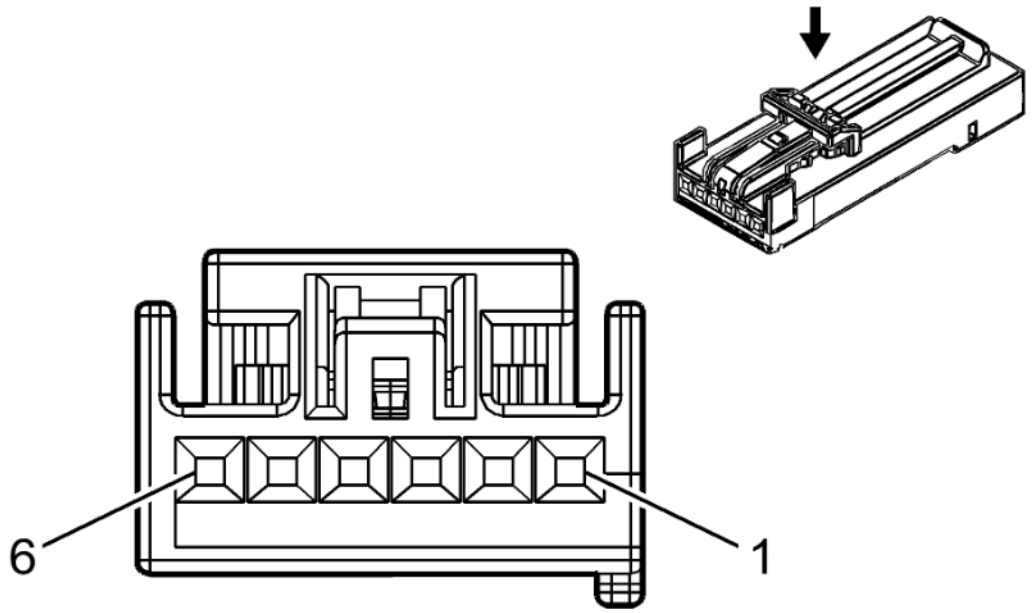
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH	4584	Traction Motor Position Speed Direction 2 Signal A OUT (-)	I	-
B	0.5	VT	3929	Position Speed Direction Sensor 2 Signal A	I	-
C	0.5	BN	3928	Position Speed Direction Sensor 2 Signal B	I	-
D	0.5	BU	4583	Traction Motor Position Speed Direction 2 Signal B OUT (-)	I	-

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B228B DRIVE MOTOR 2 POSITION SENSOR (HP9)



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 24255290
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 II Series (BK)

Terminal Part Information

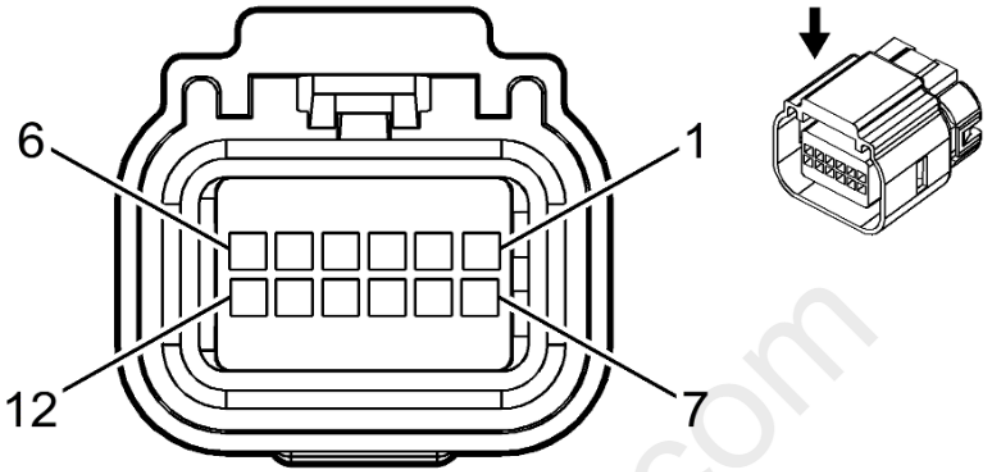
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	TN	7645	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	I	-
2	0.75	GY	7648	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	I	-
3	0.75	BK	7647	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	I	-
4	0.75	VT	7646	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.75	WH	7652	Traction Power Inverter Module Resolver 1 S3 Signal	I	-
6	0.75	RD	7649	Traction Power Inverter Module Resolver 1 S1 Signal	I	-

B233B RADAR SENSOR MODULE - LONG RANGE (UGN+HP9)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13960992
- Service Connector: 19333329
- Description: 12-Way F 1.5 Series, Sealed (BK)

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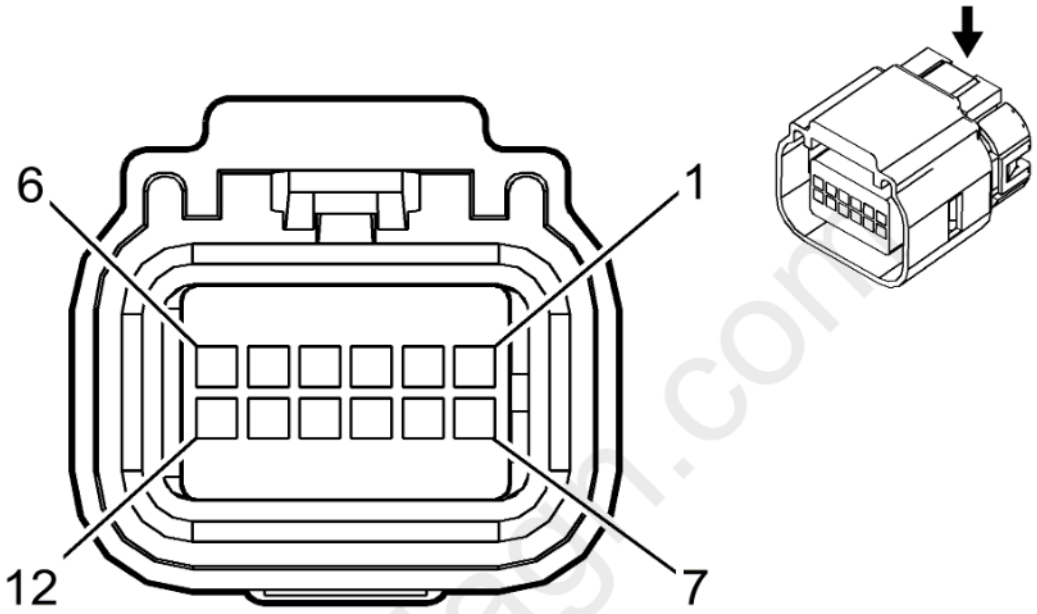
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-16 (LT GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
3	0.5	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.5	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
5	0.5	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.5	GY/VT	3808	Front Object Sensor Control 2	I	-
7	0.5	BK/WH	3051	Signal Ground	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
11	0.5	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
12	-	-	-	Not Occupied	-	-

B233B RADAR SENSOR MODULE - LONG RANGE (UGN-KL9)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15548980
- Service Connector: 19300889
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

Terminal Part Information

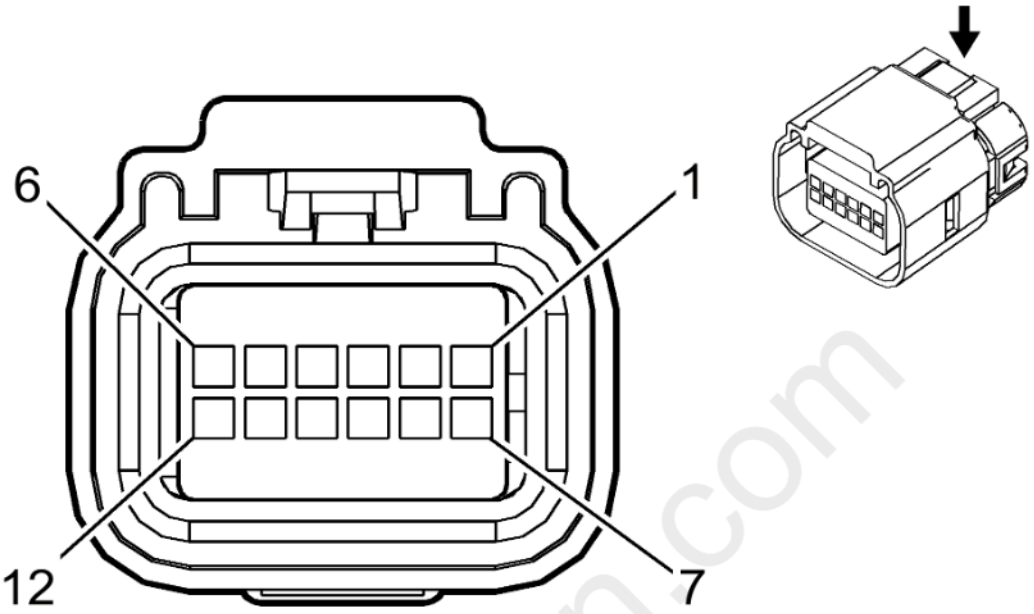
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-16 (LT GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 5	-	-	-	Not Occupied	-	-
6	0.5	RD/GN	3840	Battery Positive Voltage	I	-
7	0.5	BK/WH	3051	Signal Ground	I	-
8 - 9	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
11	0.5	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
12	0.5	GY/VT	3808	Front Object Sensor Control 2	I	-

B233LF RADAR SENSOR MODULE - SHORT RANGE LEFT FRONT (UGN)



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 33107732
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

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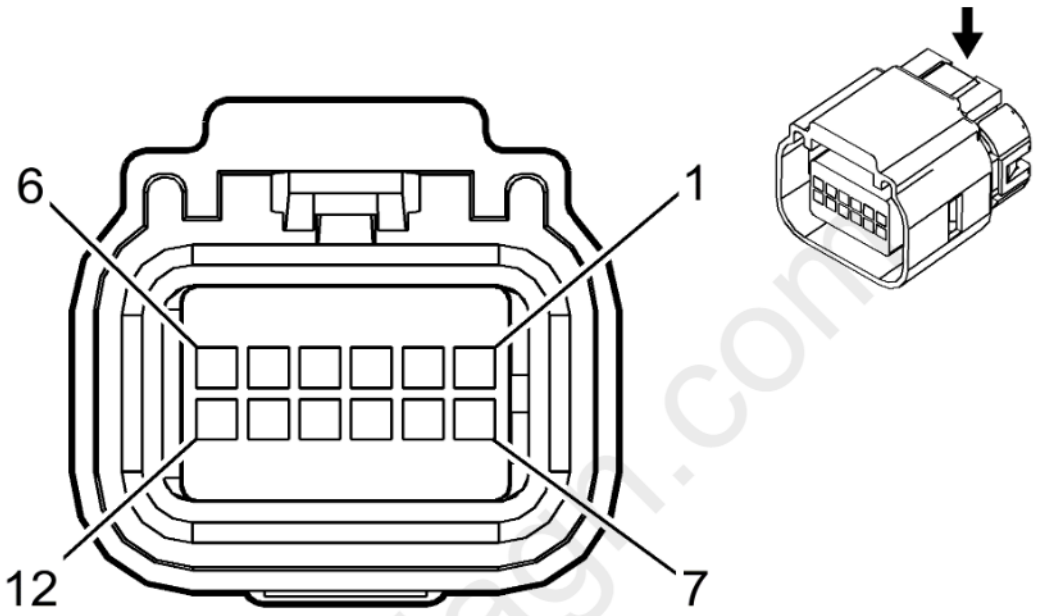
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	7240	Battery Positive Voltage	I	-
2	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
3	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.35	BK	550	Ground	I	-
5	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.35	BK	550	Ground	I	-
7	0.35	GY/VT	3808	Front Object Sensor Control 2	I	-
8	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
9	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
10 - 12	-	-	-	Not Occupied	-	-

B233R RADAR SENSOR MODULE - SHORT RANGE REAR (UGN)



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 33109284
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

Terminal Part Information

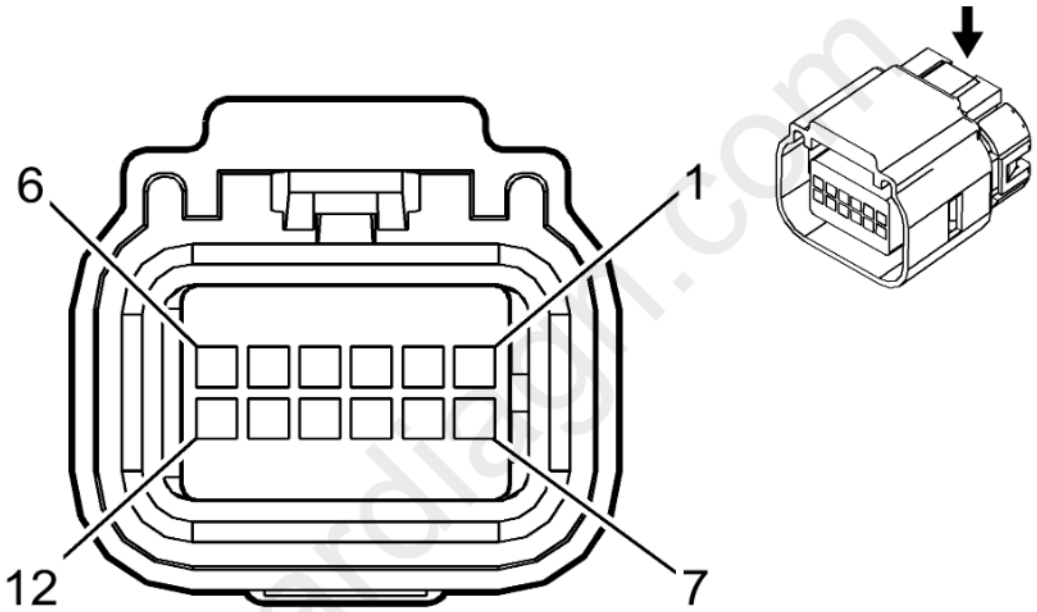
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/L-GN	3840	Battery Positive Voltage	I	-
2	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	D-BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.35	BK	3850	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	BN/VT	3809	Front Object Sensor Control 1	I	-
8	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
9	0.35	D-BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
10 - 12	-	-	-	Not Occupied	-	-

B233RF RADAR SENSOR MODULE - SHORT RANGE RIGHT FRONT (UGN)



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 33107730
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

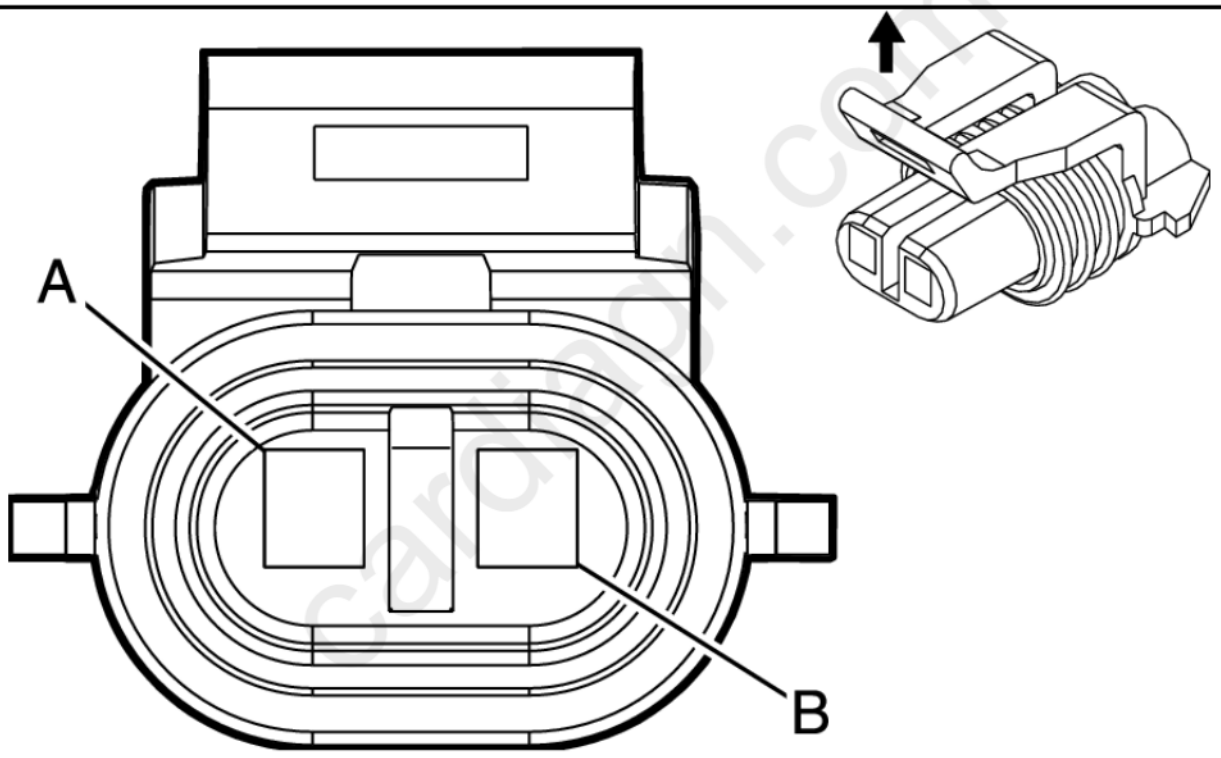
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	7240	Battery Positive Voltage	I	-
2	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
3	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.35	BK	550	Ground	I	-
5	0.35	BK	550	Ground	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GY/VT	3808	Front Object Sensor Control 2	I	-
8	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
9	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
10 - 12	-	-	-	Not Occupied	-	-

B258 HYBRID/EV BATTERY COOLANT LEVEL SWITCH (HP9)



Connector Part Information

- Harness Type: Hybrid/EV Battery Coolant Level Switch Jumper
- OEM Connector: 12052641
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

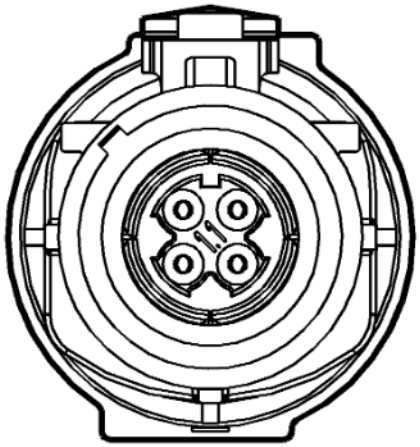
Terminal Part Information

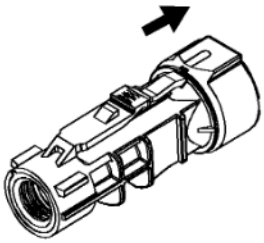
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	BU/YE	68	Low Coolant Level Indicator Control	I	-
B	-	BK/GN	476	Sensor Low Reference	I	-

B276 NIGHT VISION CAMERA (UV3)





Connector Part Information

- Harness Type: Front Fascia LVDS
- OEM Connector: 13591409
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way F High Speed Data Series, Sealed (BK)

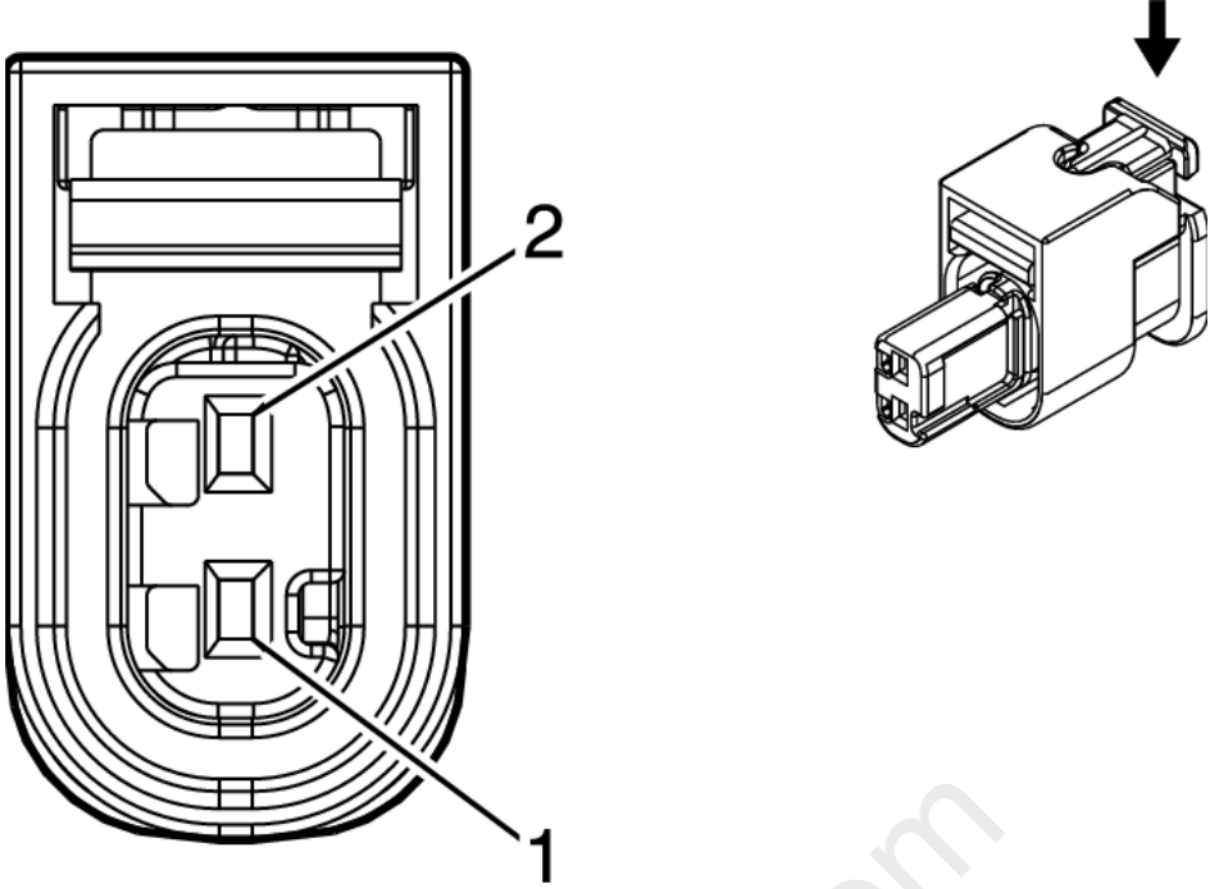
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Night Vision Signal	I	-

B280 AUTOMATIC TRANSMISSION ACCUMULATOR SOLENOID VALVE



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 2138873-4
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series, Sealed (BN)

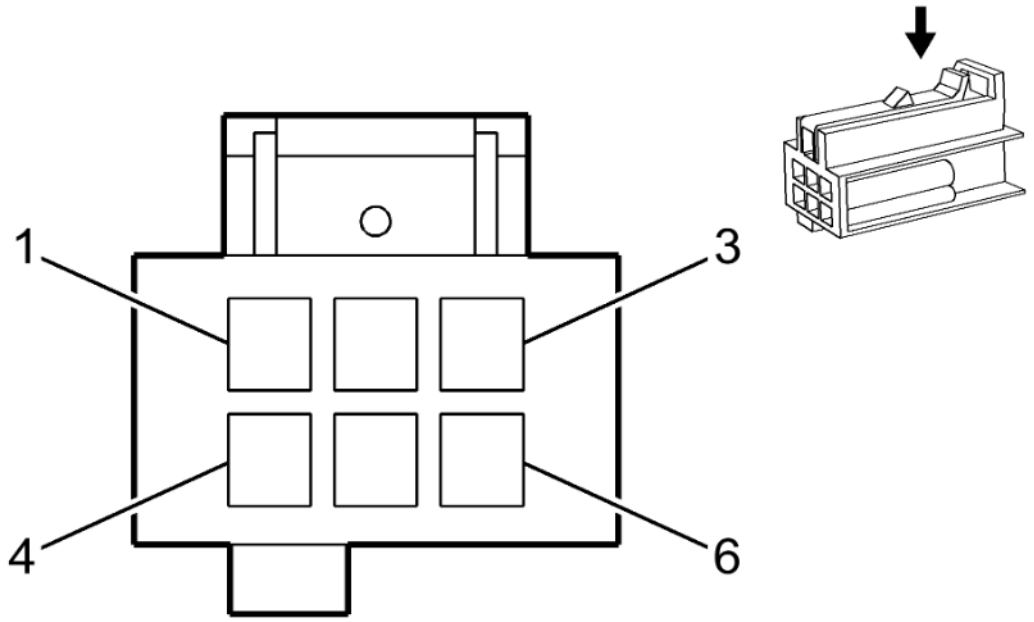
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
2	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	I	-

B305 AMBIENT LIGHT/SUNLOAD SENSOR AND BATTERY STATE OF CHARGE INDICATOR (HP9)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15338980
- Service Connector: 19333315
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

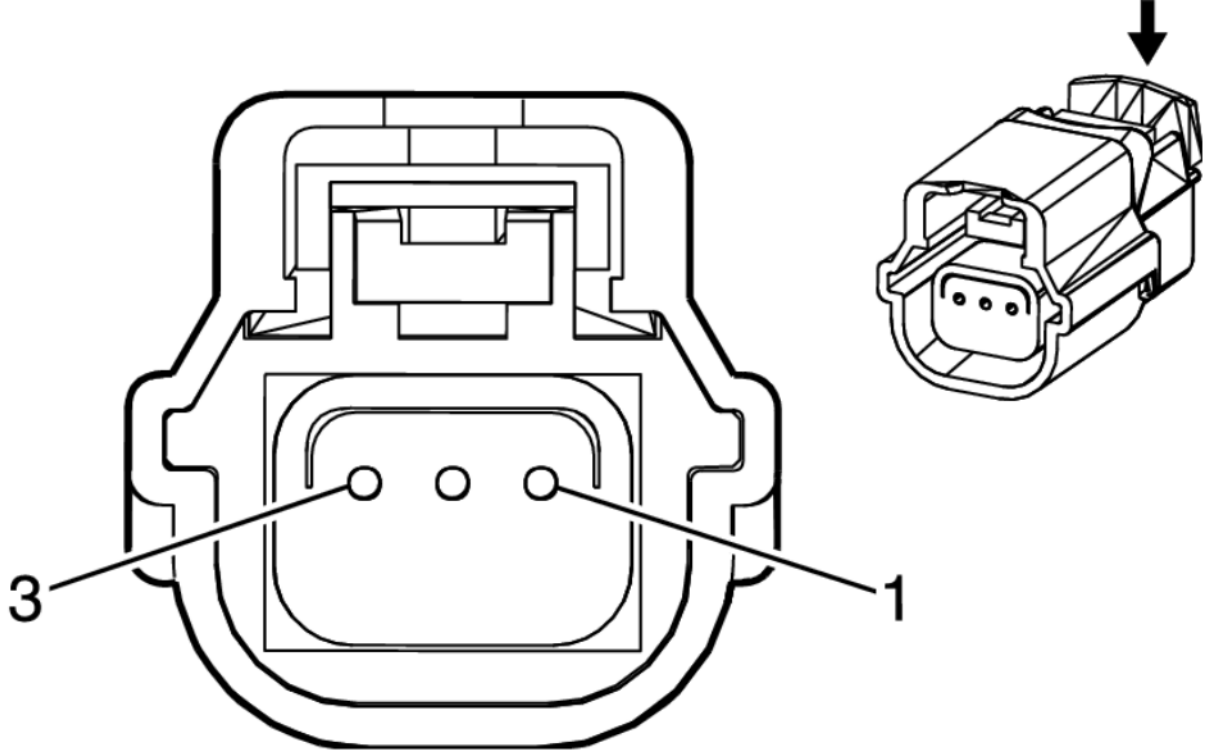
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1350	Ground	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	0.35	YE/VT	3956	Charging Status Indicator Control	I	-
4	0.35	GY/GN	3957	Charging Pilot Signal Indicator Control	I	-
5	0.35	RD/VT	3340	Battery Positive Voltage	I	-
6	0.35	BK	1350	Ground	I	-

B78A FRONT OBJECT SENSOR - LEFT OUTER

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

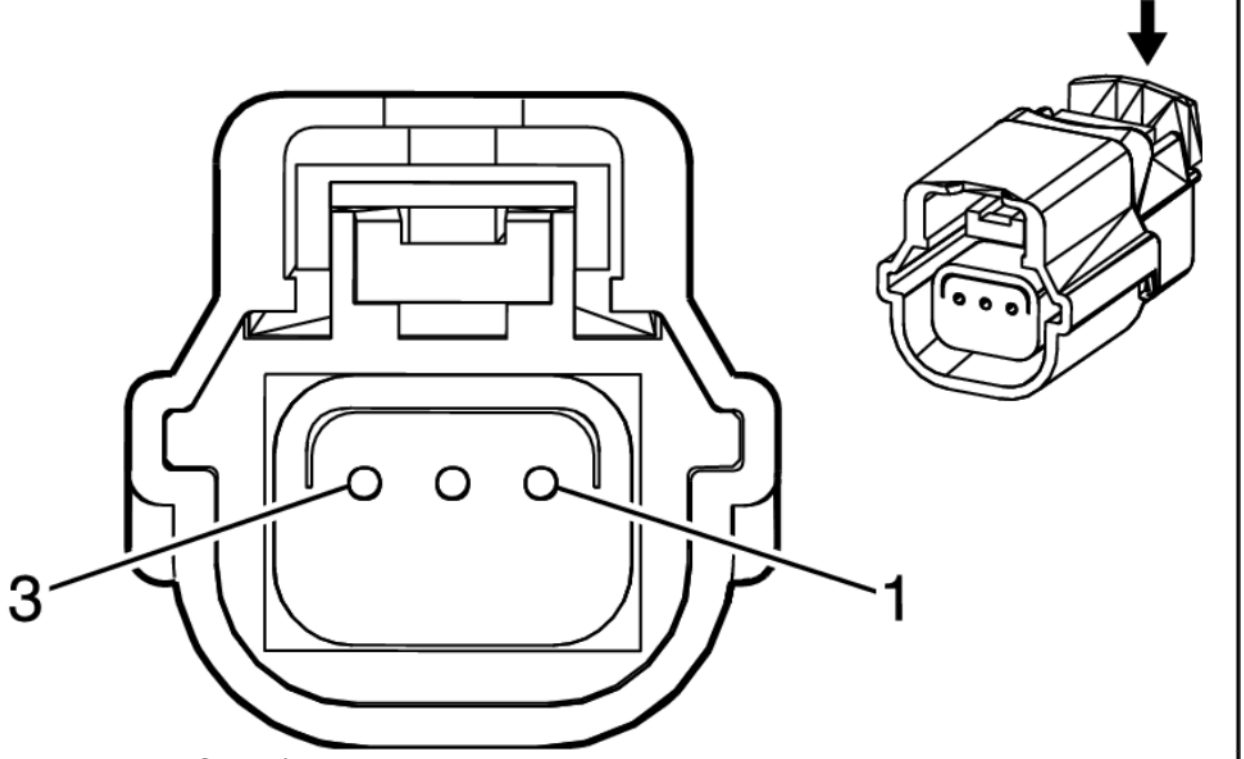
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	VT/WH	5215	Front Parking Left Corner Sensor	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B78C FRONT OBJECT SENSOR - LEFT MIDDLE

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

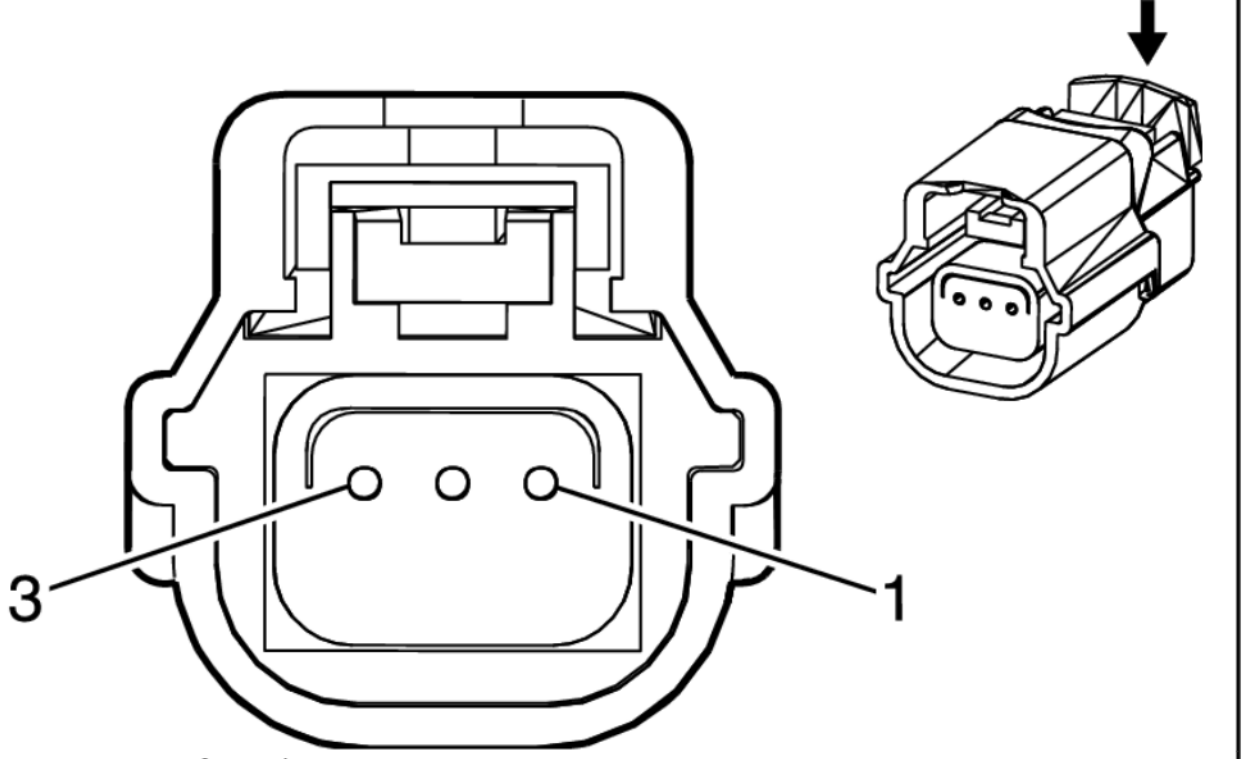
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	YE/GY	5216	Front Parking Left Mid Sensor	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B78D FRONT OBJECT SENSOR - RIGHT MIDDLE

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

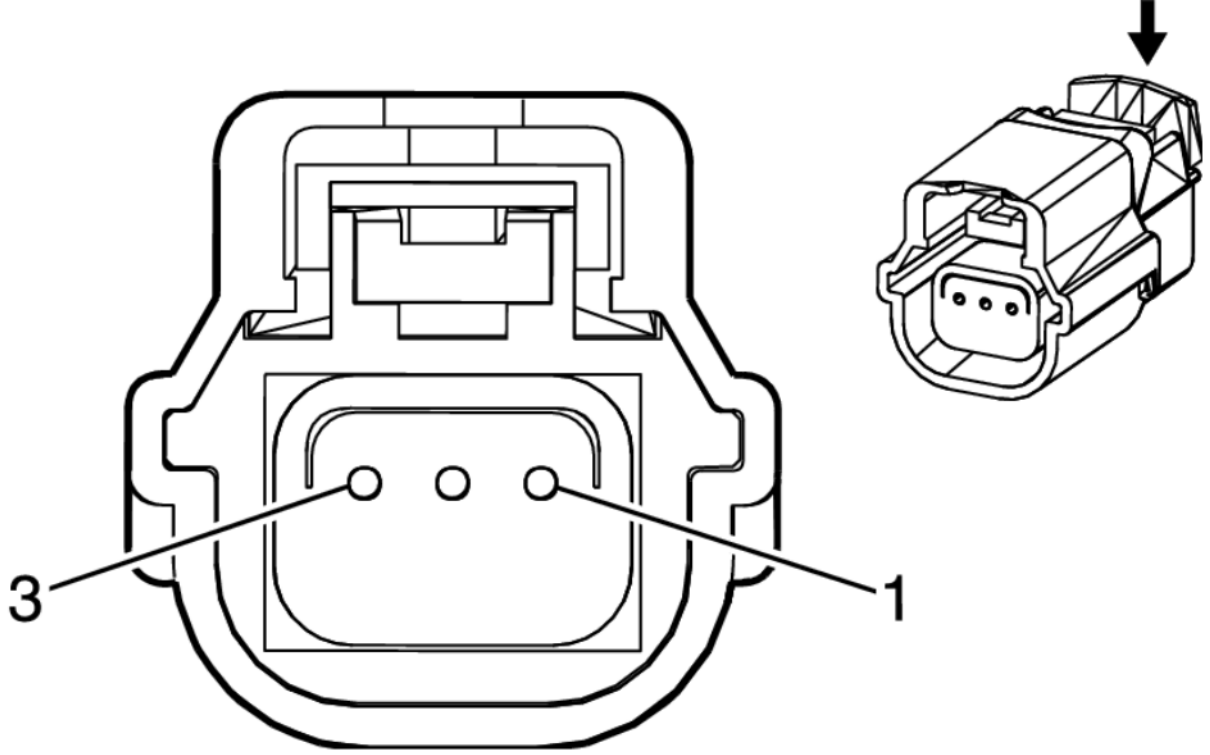
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	VT/GY	5218	Front Parking Right Mid Sensor	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B78B FRONT OBJECT SENSOR - RIGHT OUTER

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

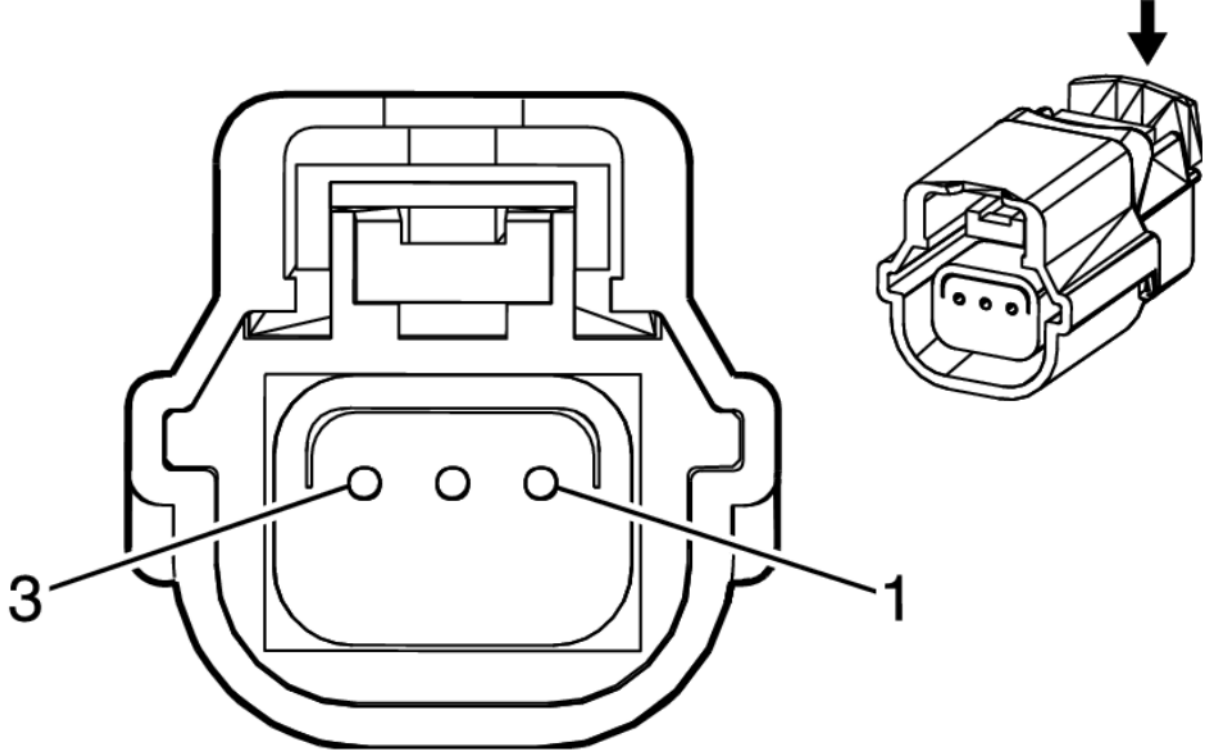
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	WH/GY	5217	Front Parking Right Corner Sensor	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B78G REAR OBJECT SENSOR - LEFT OUTER

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

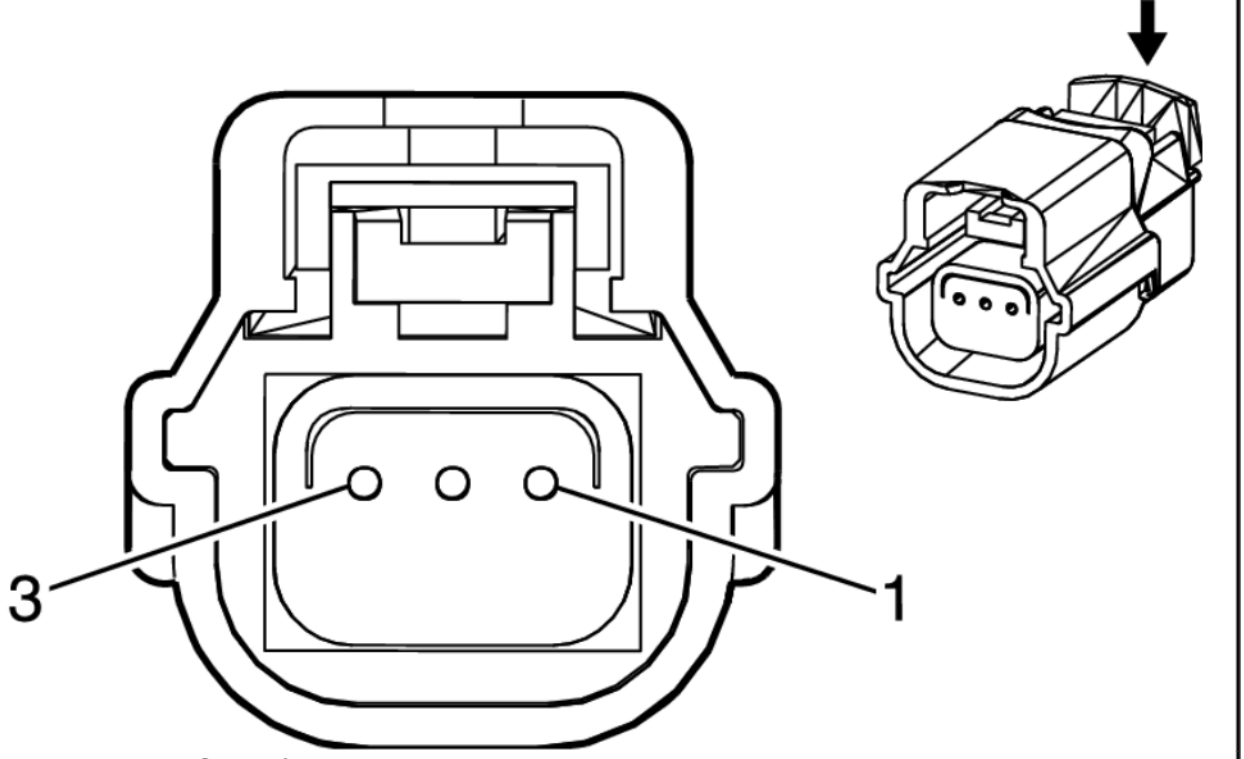
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	YE	2375	Left Rear Corner Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B78E REAR OBJECT SENSOR - LEFT MIDDLE

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

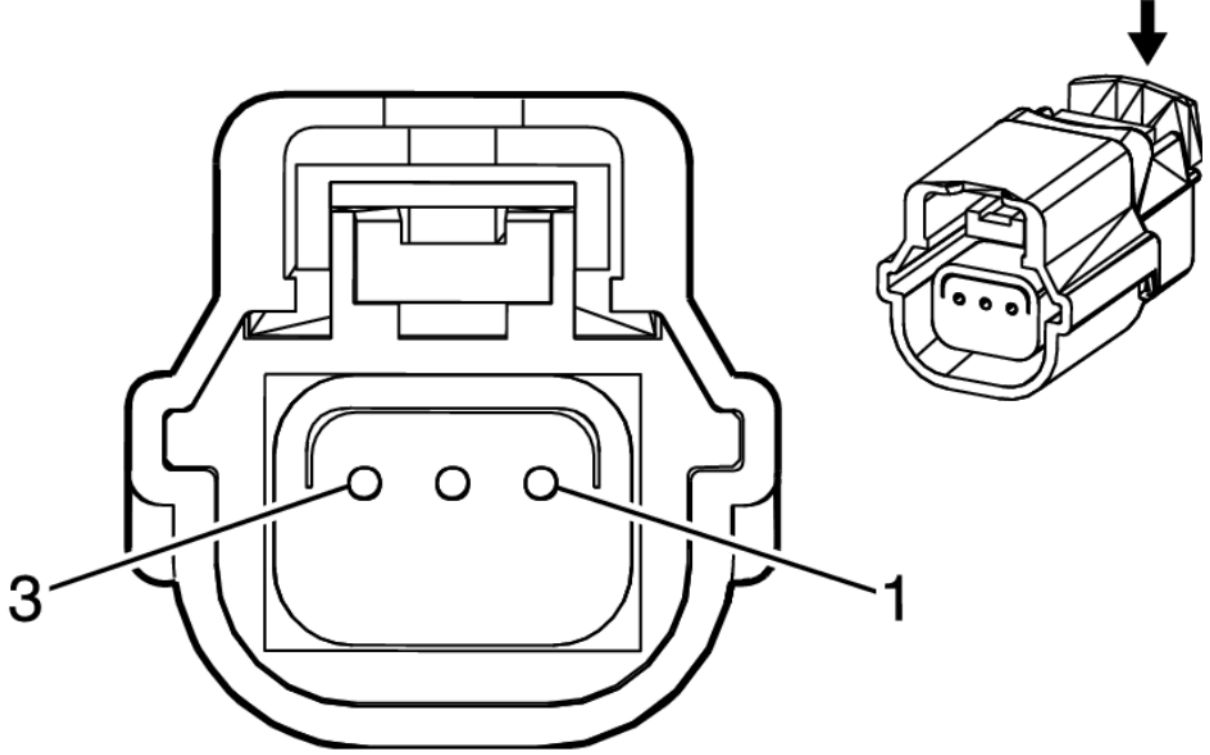
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	YE/BU	2376	Left Rear Middle Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B78F REAR OBJECT SENSOR - RIGHT MIDDLE

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

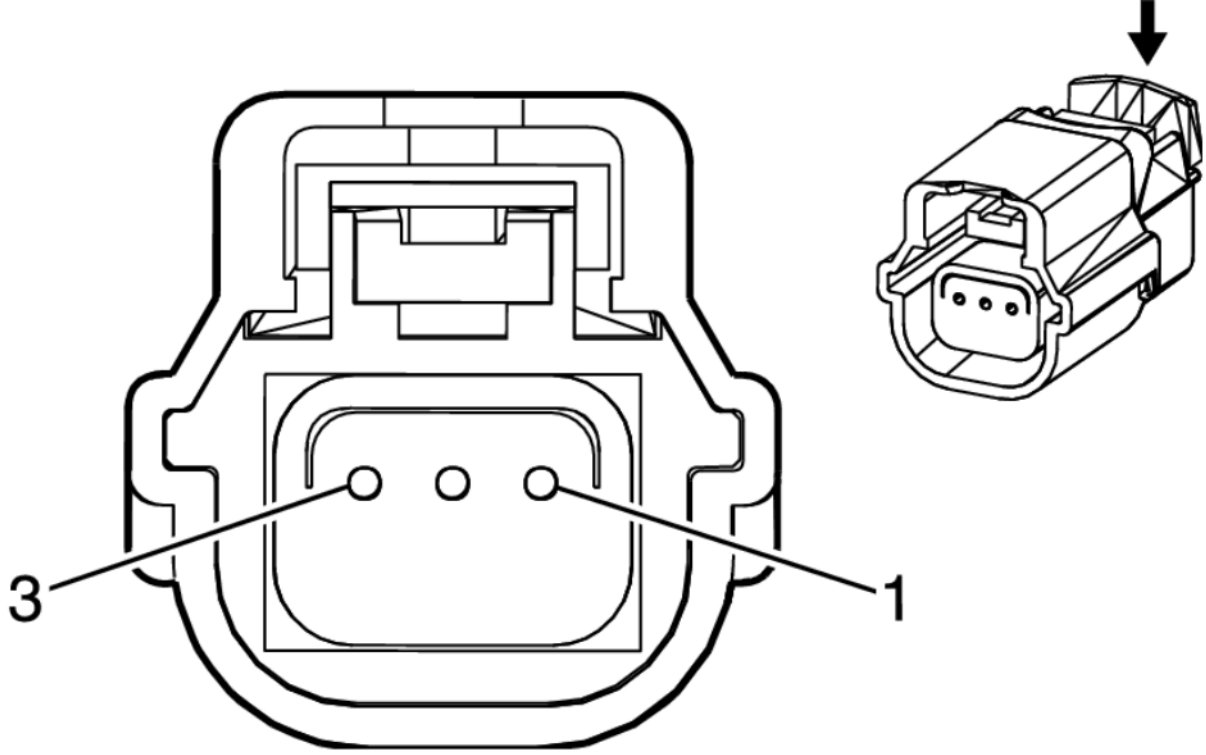
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B78H REAR OBJECT SENSOR - RIGHT OUTER

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

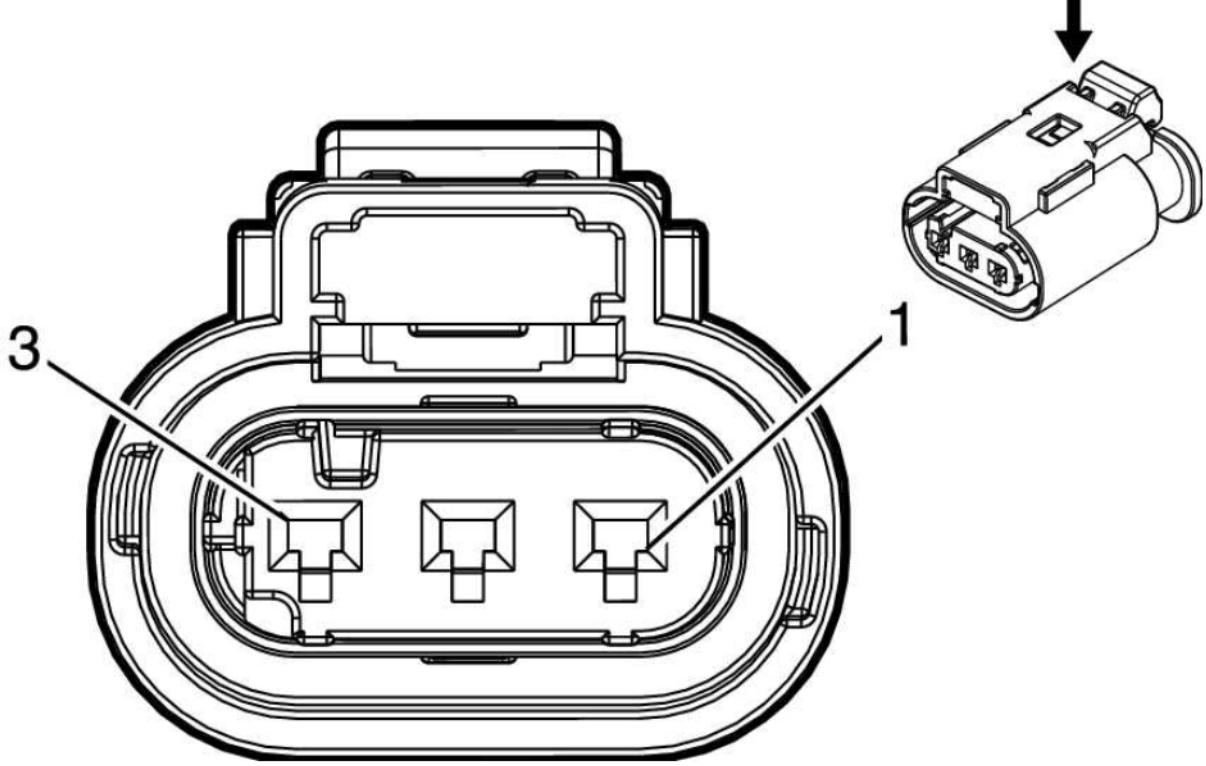
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B310 FUEL PRESSURE/TEMPERATURE SENSOR (LGW/LGX)

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Connector Part Information

- Harness Type: Fuel Rail - Even
- OEM Connector: 13503573
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	TN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
2	0.5	YE	2918	Fuel Rail Pressure Sensor Signal	I	-
3	0.5	GY	2917	Fuel Rail Pressure Sensor 5V Reference	I	-

C1 BATTERY (+)

-

Connector Part Information

- Harness Type: Body
- OEM Connector: 12162100
- Service Connector: Not Available
- Description: 1-Way

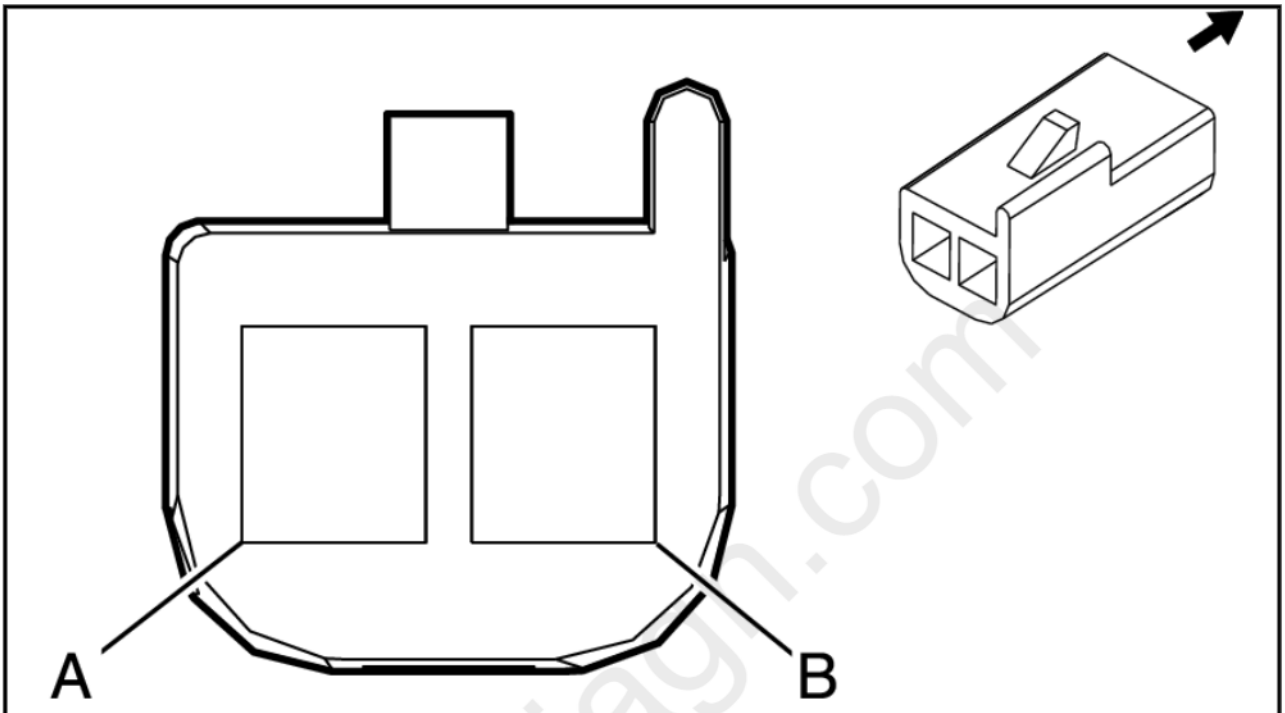
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	OG	2340	Battery Positive Voltage	I	-

C3 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE BATTERY (UE1)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F 150 Metri-Pack Series (BK)

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	YE/VT	5235	Battery Backup Control	I	-
B	0.5	BK/VT	5167	Battery Backup Low Reference	I	-

C4A HYBRID/EV BATTERY SECTION 1 X1 (HP9)

-

Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: amt42847
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

C4A HYBRID/EV BATTERY SECTION 1 X2 (HP9)

-

Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: amn93699
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

C4B HYBRID/EV BATTERY SECTION 2 X1 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

C4B HYBRID/EV BATTERY SECTION 2 X3 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/BK	5083	High Voltage Battery (-)	I	-

C4C HYBRID/EV BATTERY SECTION 3 X1 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

C4C HYBRID/EV BATTERY SECTION 3 X2 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog

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- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG/BK	5083	High Voltage Battery (-)	I	-

C5A HYBRID/EV BATTERY MODULE 1 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/VT	5403	Battery Pack Monitor Low Reference	I	-
2	-	YE/VT	5394	Battery Voltage Signal 2	I	-
3	-	GY/YE	5396	Battery Voltage Signal 4	I	-
4	-	GN	5398	Battery Voltage Signal 6	I	-
5	-	BU	5400	Battery Voltage Signal 8	I	-
6	-	BU/GY	5392	Battery Voltage Signal 10	I	-
7	-	BN	5571	Battery Voltage Signal 12	I	-
8	-	YE	5573	Battery Voltage Signal 14	I	-
9	-	BN/WH	5575	Battery Voltage Signal 16	I	-
10	-	VT	5391	Battery Voltage Signal 1	I	-
11	-	WH	5395	Battery Voltage Signal 3	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	-	YE/GN	5397	Battery Voltage Signal 5	I	-
13	-	YE/BN	5399	Battery Voltage Signal 7	I	-
14	-	GN/BK	5401	Battery Voltage Signal 9	I	-
15	-	GN/GY	5393	Battery Voltage Signal 11	I	-
16	-	YE/GY	5572	Battery Voltage Signal 13	I	-
17	-	WH/BK	5574	Battery Voltage Signal 15	I	-

C5B HYBRID/EV BATTERY MODULE 2 X1 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/WH	5575	Battery Voltage Signal 16	I	-
2	-	GN/VT	5577	Battery Voltage Signal 18	I	-
3	-	YE/BK	5579	Battery Voltage Signal 20	I	-
4	-	BU/WH	5581	Battery Voltage Signal 22	I	-
5	-	WH/BK	5583	Battery Voltage Signal 24	I	-
6	-	GY/GN	5585	Battery Voltage Signal 26	I	-
7	-	GY/BK	5587	Battery Voltage Signal 28	I	-
8	-	VT/GN	5589	Battery Voltage Signal 30	I	-
9	-	GY	5591	Battery Voltage Signal 32	I	-
10	-	WH/BU	5576	Battery Voltage Signal 17	I	-
11	-	GN/WH	5578	Battery Voltage Signal 19	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	-	GY/BN	5580	Battery Voltage Signal 21	I	-
13	-	GY/BK	5582	Battery Voltage Signal 23	I	-
14	-	VT/WH	5584	Battery Voltage Signal 25	I	-
15	-	BU/BK	5586	Battery Voltage Signal 27	I	-
16	-	YE/WH	5588	Battery Voltage Signal 29	I	-
17	-	GN/BK	5590	Battery Voltage Signal 31	I	-

C5B HYBRID/EV BATTERY MODULE 2 X2 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

C5C HYBRID/EV BATTERY MODULE 3 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	5591	Battery Voltage Signal 32	I	-
2	-	VT/BK	4514	Battery Cell Voltage Signal 34	I	-
3	-	VT	4517	Battery Cell Voltage Signal 36	I	-
4	-	WH	4519	Battery Cell Voltage Signal 38	I	-
5	-	YE/GN	4521	Battery Cell Voltage Signal 40	I	-
6	-	YE/BN	4523	Battery Cell Voltage Signal 42	I	-
7	-	GN/BK	4523	Battery Cell Voltage Signal 42	I	-
8	-	GN/GY	4527	Battery Cell Voltage Signal 46	I	-
9	-	YE/GY	4529	Battery Cell Voltage Signal 48	I	-
10	-	GY/WH	5592	Battery Voltage Signal 33	I	-
11	-	BK/VT	4516	Battery Cell Voltage Signal 35	I	-
12	-	YE/VT	4518	Battery Cell Voltage Signal 37	I	-
13	-	GY/YE	4520	Battery Cell Voltage Signal 39	I	-
14	-	GN	4522	Battery Cell Voltage Signal 41	I	-
15	-	BU	4524	Battery Cell Voltage Signal 43	I	-
16	-	BU/GY	4526	Battery Cell Voltage Signal 45	I	-
17	-	BN	4528	Battery Cell Voltage Signal 47	I	-

C5D HYBRID/EV BATTERY MODULE 4 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/GY	4529	Battery Cell Voltage Signal 48	I	-
2	-	WH/BK	4531	Battery Cell Voltage Signal 50	I	-
3	-	BU/YE	4533	Battery Cell Voltage Signal 52	I	-
4	-	GN/VT	4536	Battery Cell Voltage Signal 54	I	-
5	-	YE/BK	4538	Battery Cell Voltage Signal 56	I	-
6	-	BU/WH	4543	Battery Cell Voltage Signal 58	I	-
7	-	WH/BK	4545	Battery Cell Voltage Signal 60	I	-
8	-	GY/GN	4547	Battery Cell Voltage Signal 62	I	-
9	-	GY/BK	4549	Battery Cell Voltage Signal 64	I	-
10	-	YE	4530	Battery Cell Voltage Signal 49	I	-
11	-	BN/WH	4532	Battery Cell Voltage Signal 51	I	-
12	-	WH/BU	4535	Battery Cell Voltage Signal 53	I	-
13	-	GN/WH	4537	Battery Cell Voltage Signal 55	I	-
14	-	GY/BN	4541	Battery Cell Voltage Signal 57	I	-
15	-	GY/BK	4544	Battery Cell Voltage Signal 59	I	-
16	-	VT/WH	4546	Battery Cell Voltage Signal 61	I	-
17	-	BU/BK	4548	Battery Cell Voltage Signal 63	I	-

C5E HYBRID/EV BATTERY MODULE 5 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/BK	4549	Battery Cell Voltage Signal 64	I	-
2	-	VT/GN	4554	Battery Cell Voltage Signal 66	I	-
3	-	GY	4556	Battery Cell Voltage Signal 68	I	-
4	-	VT/BK	4558	Battery Cell Voltage Signal 70	I	-
5	-	VT	4561	Battery Cell Voltage Signal 72	I	-
6	-	WH	4563	Battery Cell Voltage Signal 74	I	-
7	-	YE/GN	4565	Battery Cell Voltage Signal 76	I	-
8	-	YE/BN	4567	Battery Cell Voltage Signal 78	I	-
9	-	GN/BK	4569	Battery Cell Voltage Signal 80	I	-
10	-	YE/WH	4553	Battery Cell Voltage Signal 65	I	-
11	-	GN/BK	4555	Battery Cell Voltage Signal 67	I	-
12	-	GY/WH	4557	Battery Cell Voltage Signal 69	I	-
13	-	BK/VT	4560	Battery Cell Voltage Signal 71	I	-
14	-	YE/VT	4562	Battery Cell Voltage Signal 73	I	-
15	-	GY/YE	4564	Battery Cell Voltage Signal 75	I	-
16	-	GN	4566	Battery Cell Voltage Signal 77	I	-
17	-	BU	4568	Battery Cell Voltage Signal 79	I	-

C5F HYBRID/EV BATTERY MODULE 6 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

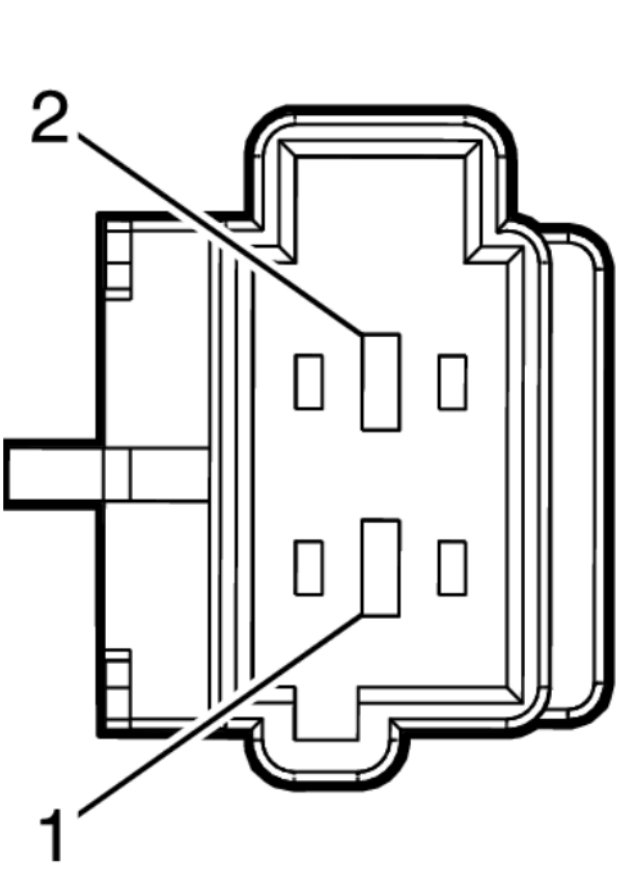
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

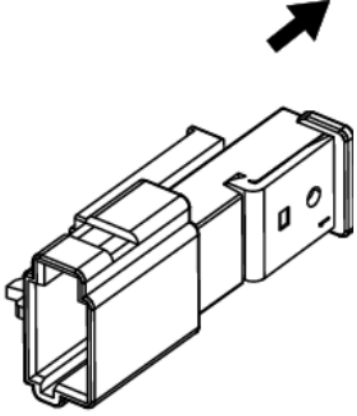
cardiagn.com

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/BK	4569	Battery Cell Voltage Signal 80	I	-
2	-	GN/GY	4571	Battery Cell Voltage Signal 82	I	-
3	-	YE/GY	4573	Battery Cell Voltage Signal 84	I	-
4	-	WH/BK	4575	Battery Cell Voltage Signal 86	I	-
5	-	BU/YE	4577	Battery Cell Voltage Signal 88	I	-
6	-	WH/BU	2390	Battery Cell Voltage Signal 90	I	-
7	-	BU/BK	2392	Battery Cell Voltage Signal 92	I	-
8	-	GN/BK	2394	Battery Cell Voltage Signal 94	I	-
9	-	GY/YE	2396	Battery Cell Voltage Signal 96	I	-
10	-	BU/GY	4570	Battery Cell Voltage Signal 81	I	-
11	-	BN	4572	Battery Cell Voltage Signal 83	I	-
12	-	YE	4574	Battery Cell Voltage Signal 85	I	-
13	-	BN/WH	4576	Battery Cell Voltage Signal 87	I	-
14	-	BN/WH	2389	Battery Cell Voltage Signal 89	I	-
15	-	GN/VT	2391	Battery Cell Voltage Signal 91	I	-
16	-	YE/VT	2393	Battery Cell Voltage Signal 93	I	-
17	-	BU/GY	2395	Battery Cell Voltage Signal 95	I	-

E1D ACCENT LAMP - DRIVER DOOR (TSQ)







Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

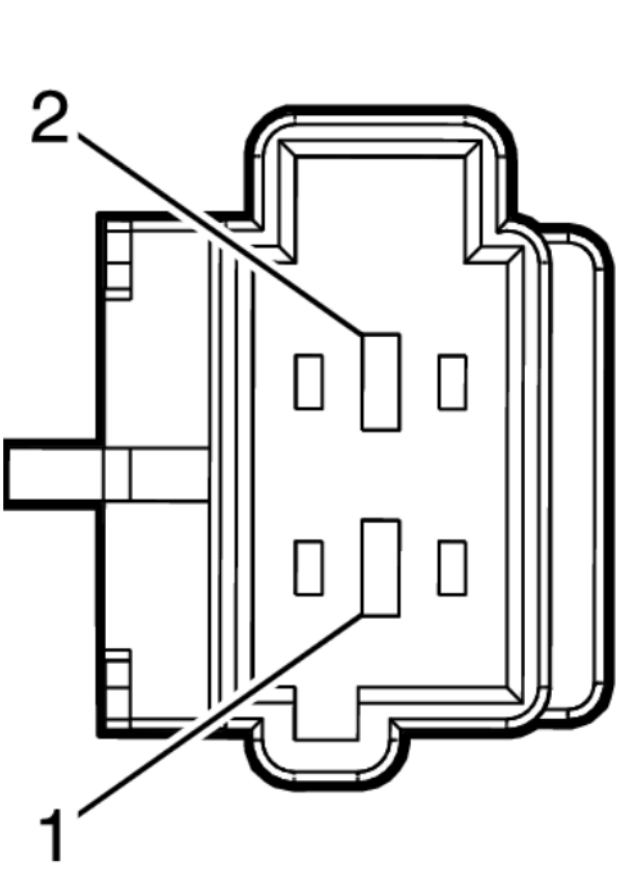
Terminal Part Information

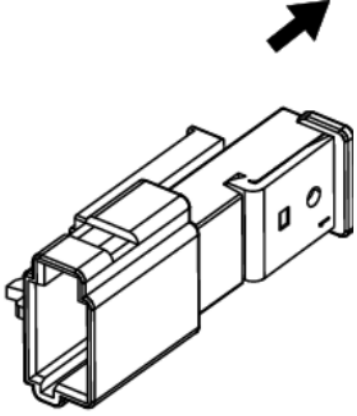
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2150	Ground	I	-

E1G ACCENT LAMP - LEFT INSTRUMENT PANEL (TSQ)

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Connector Part Information

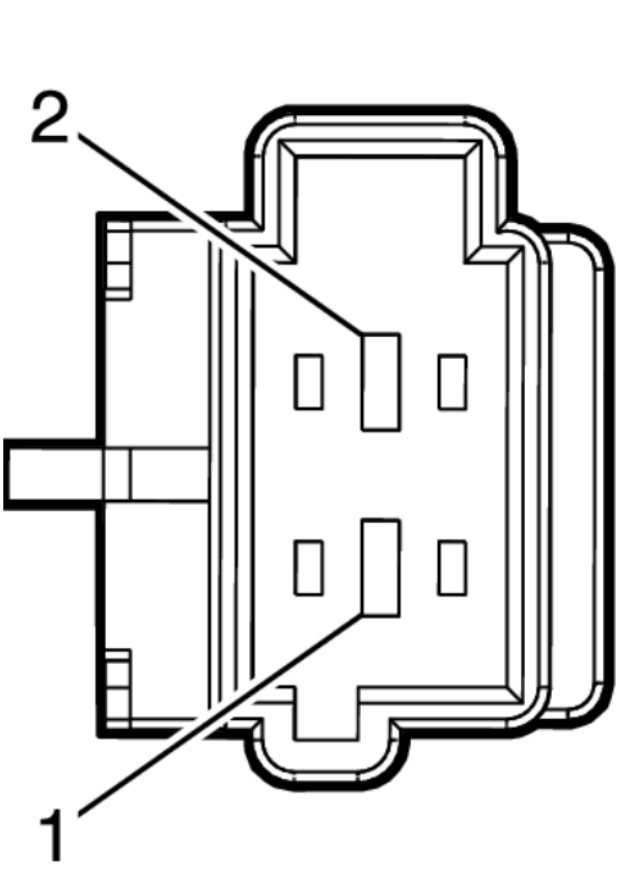
- Harness Type: Instrument Panel
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

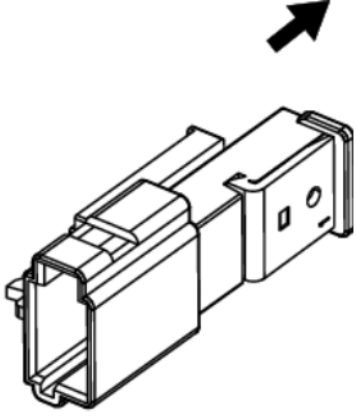
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-
2	0.35	BK	1450	Ground	I	-

E1H ACCENT LAMP - RIGHT INSTRUMENT PANEL (TSQ)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

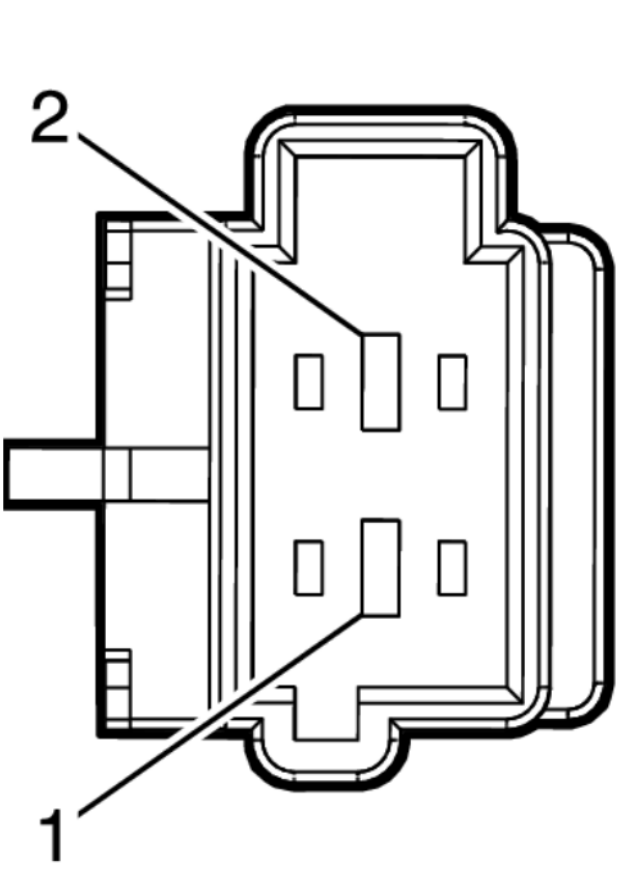
Terminal Part Information

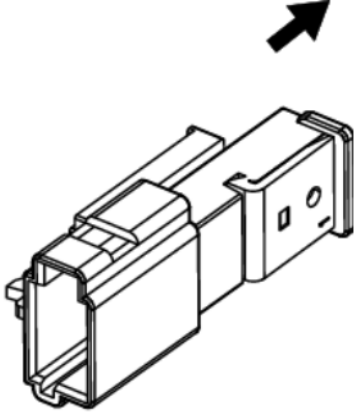
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-
2	0.35	BK	1450	Ground	I	-

E1LR ACCENT LAMP - LEFT REAR DOOR (LTP)

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Connector Part Information

- Harness Type: Left Rear Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

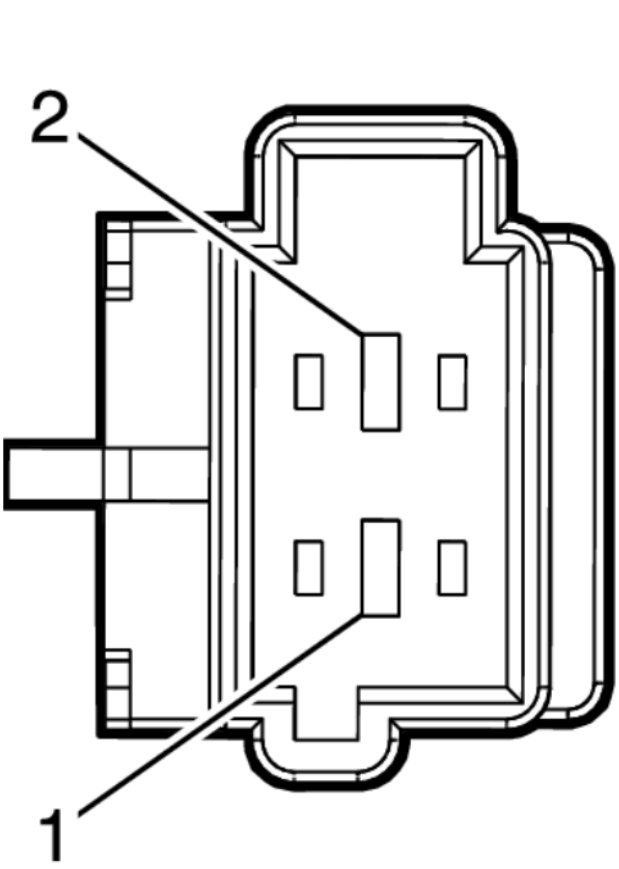
Terminal Part Information

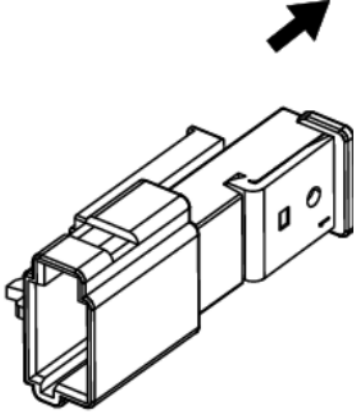
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2350	Ground	I	-

E1P ACCENT LAMP - PASSENGER DOOR (TSQ)

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Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

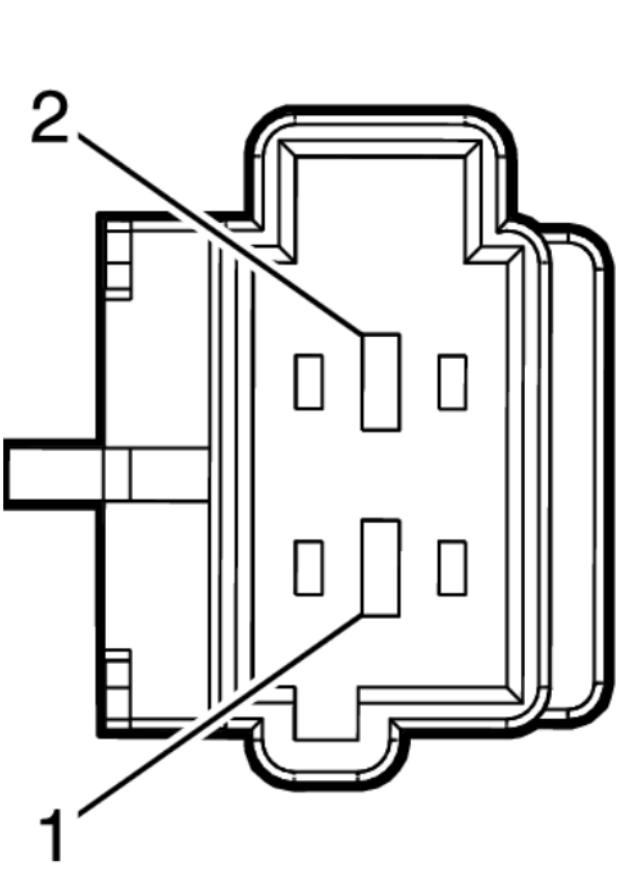
Terminal Part Information

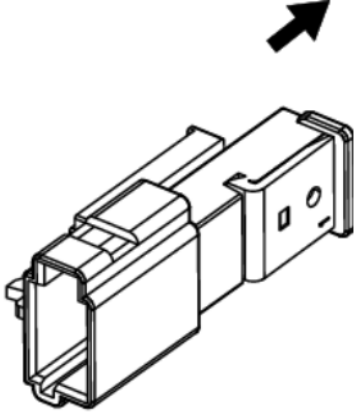
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2250	Ground	I	-

E1RR ACCENT LAMP - RIGHT REAR DOOR (TSQ)

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Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

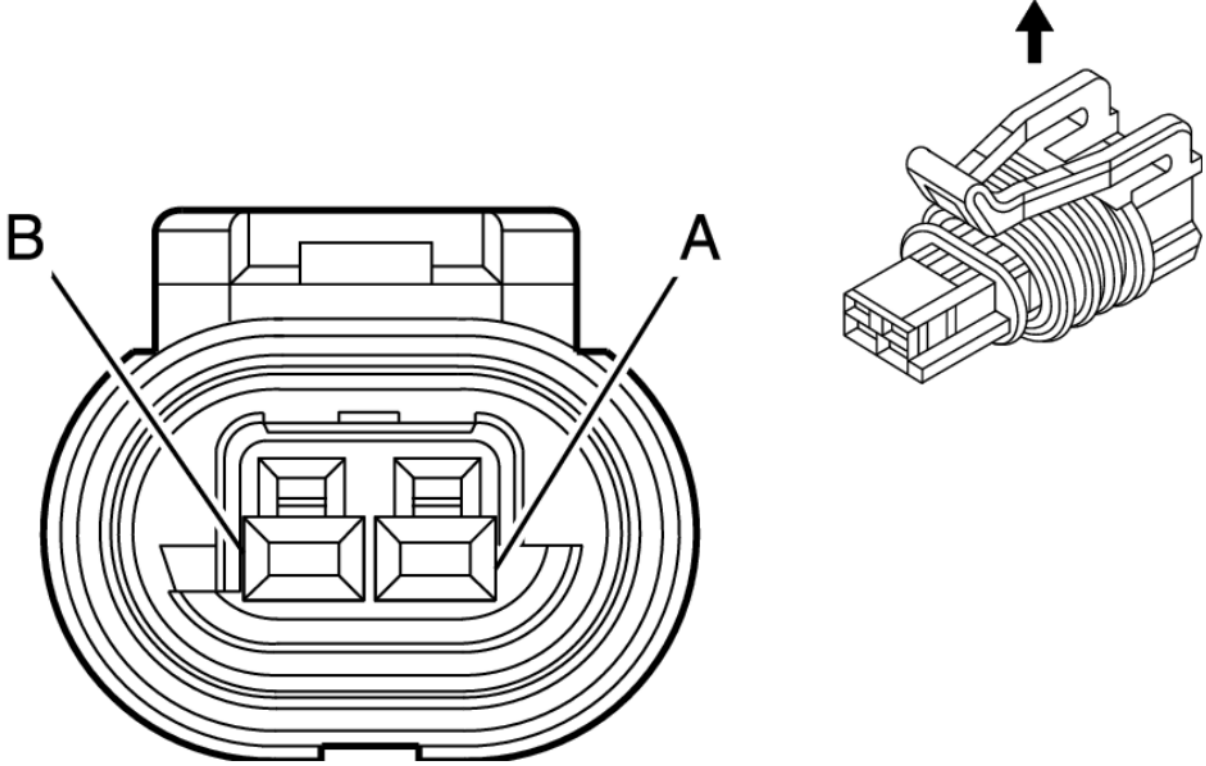
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2450	Ground	I	-

E2LF SIDE MARKER LAMP - LEFT FRONT

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Connector Part Information

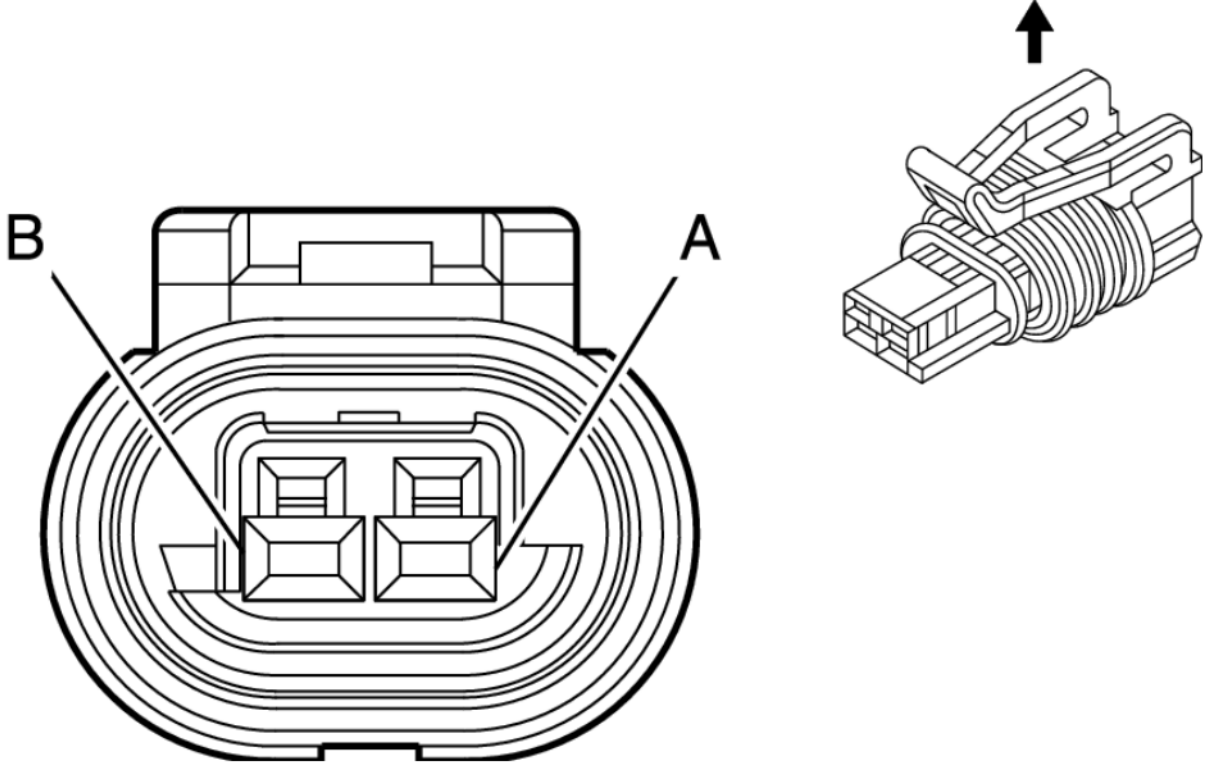
- Harness Type: Front Fascia
- OEM Connector: 15449028
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	VT/GY	709	Left Park Lamp Control	I	-
B	0.35	BK	550	Ground	I	-

E2RF SIDE MARKER LAMP - RIGHT FRONT



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 15449028
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series, Sealed (BK)

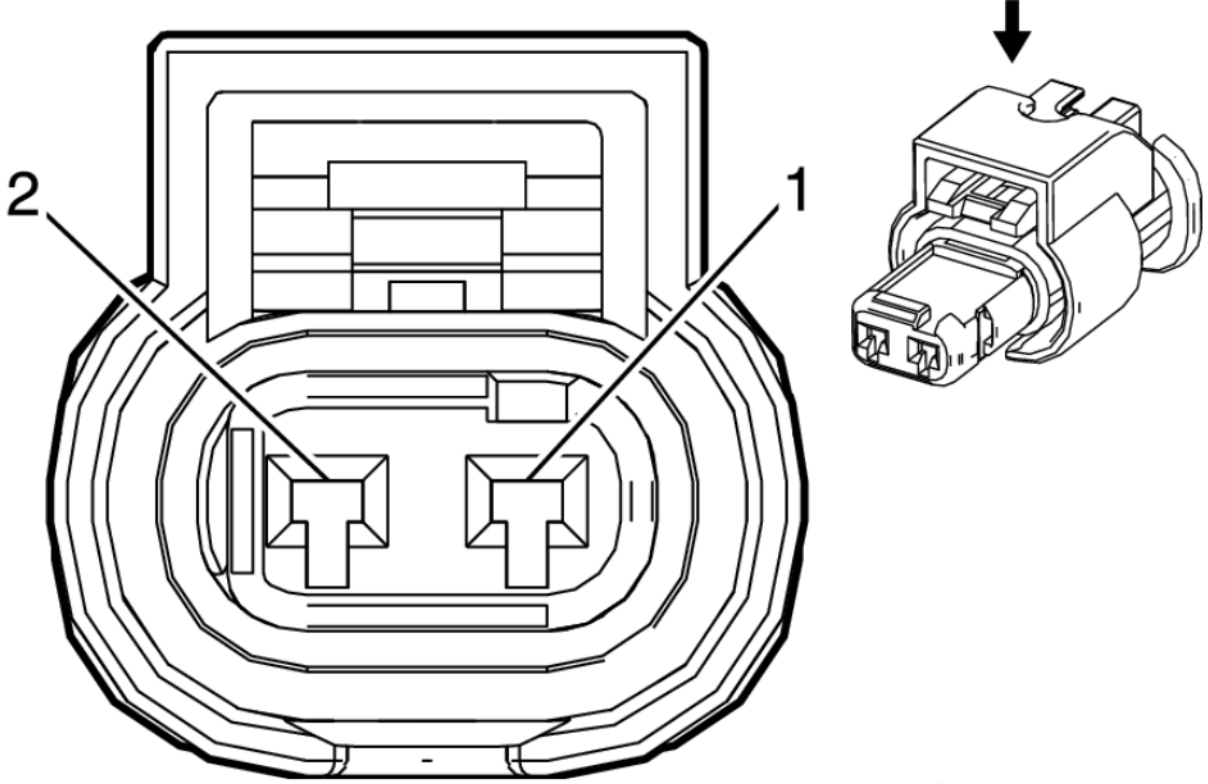
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GY/BN	309	Right Park Lamp Control	I	-
B	0.35	BK	550	Ground	I	-

E4A CORNERING LAMP - LEFT (T87)

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Connector Part Information

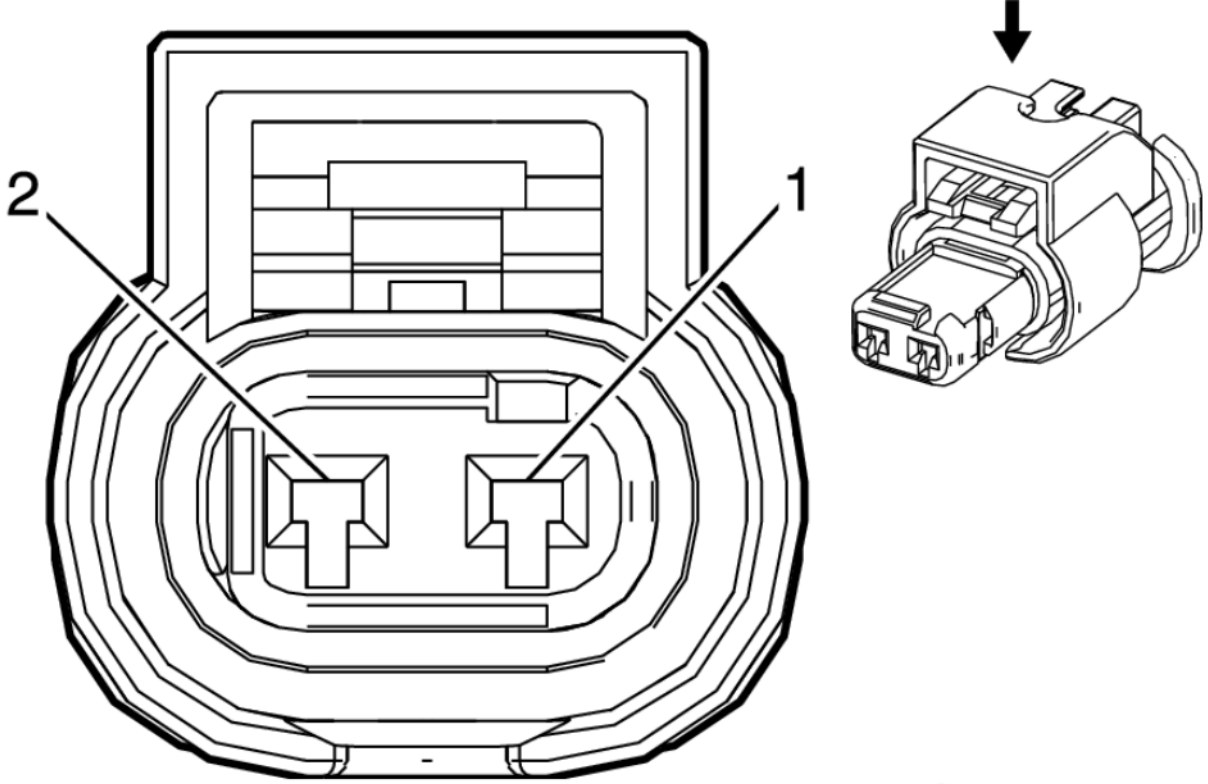
- Harness Type: Front Fascia
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	550	Ground	I	-
2	0.5	YE/GY	57	Left Cornering Lamp Control	I	-

E4B CORNERING LAMP - RIGHT (T87)



Connector Part Information

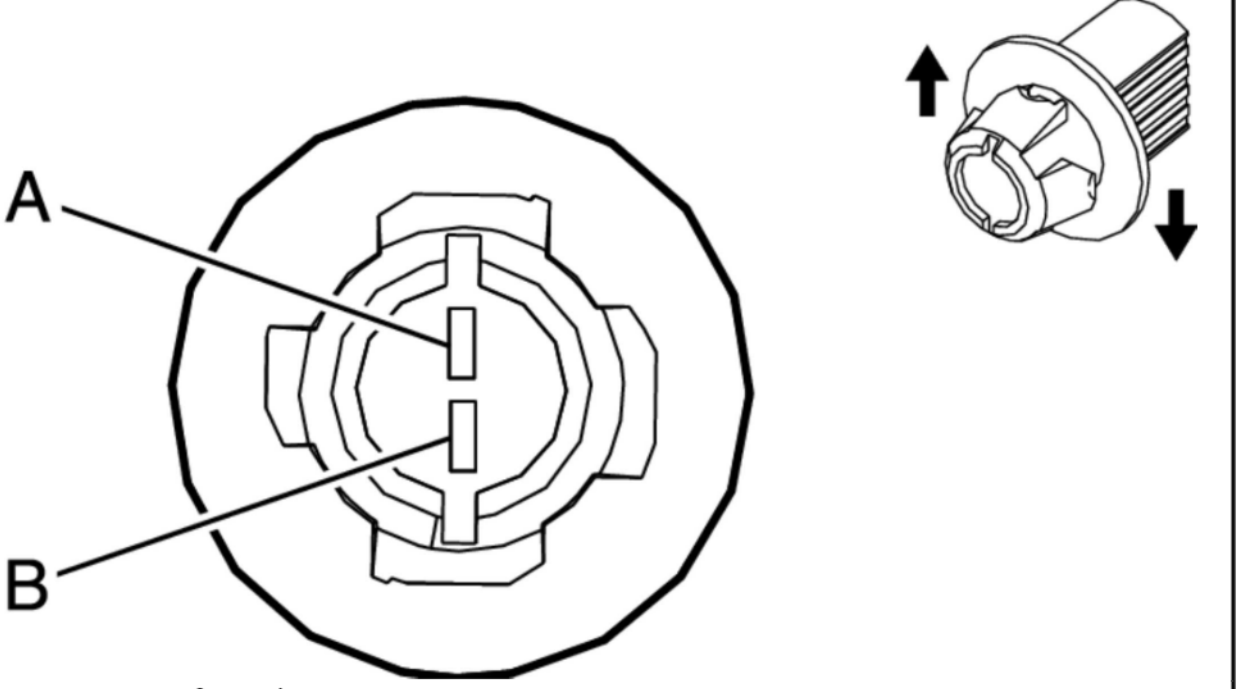
- Harness Type: Front Fascia
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	550	Ground	I	-
2	0.5	YE/WH	58	Right Cornering Lamp Control	I	-

E5A BACKUP LAMP - LEFT (-T79)



Connector Part Information

- Harness Type: Backup Lamp
- OEM Connector: eem0024
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F S8 Lamp Socket (BK)

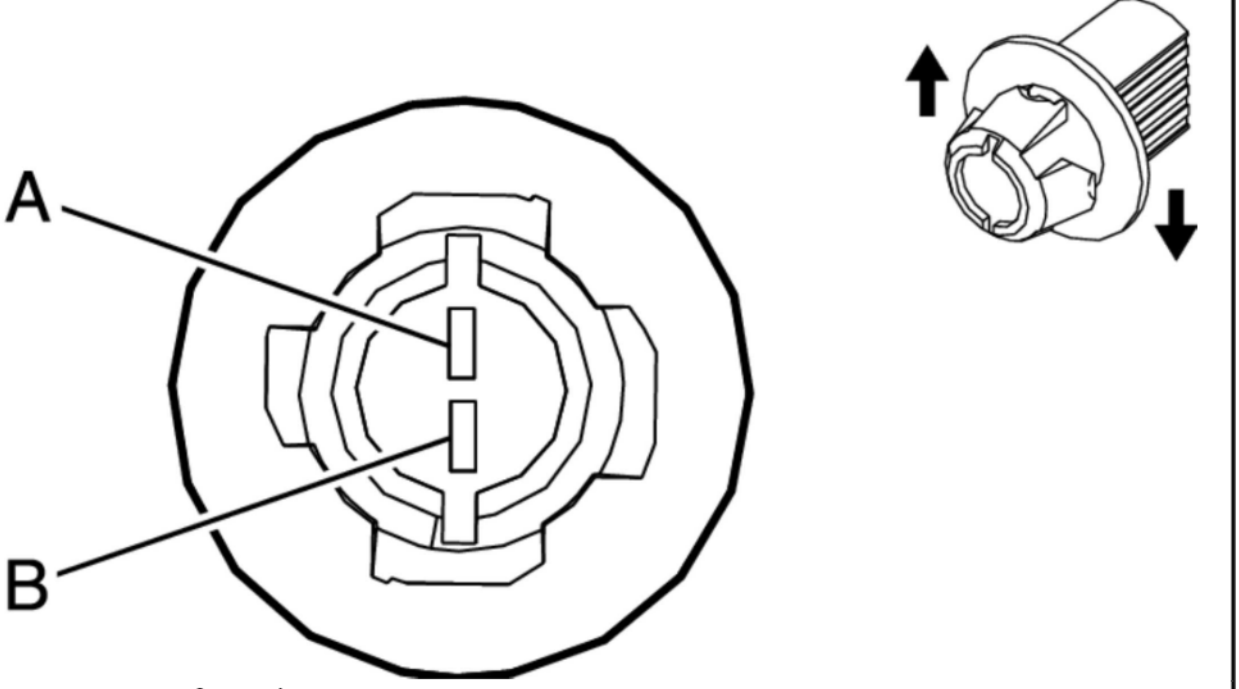
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	GN	24	Backup Lamp Control	I	-
B	0.75 0.75	BK BK	3850 3850	Ground Ground	I	UKC -UKC

E5B BACKUP LAMP - RIGHT (-T79)

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Connector Part Information

- Harness Type: Backup Lamp
- OEM Connector: eem0024
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F S8 Lamp Socket (BK)

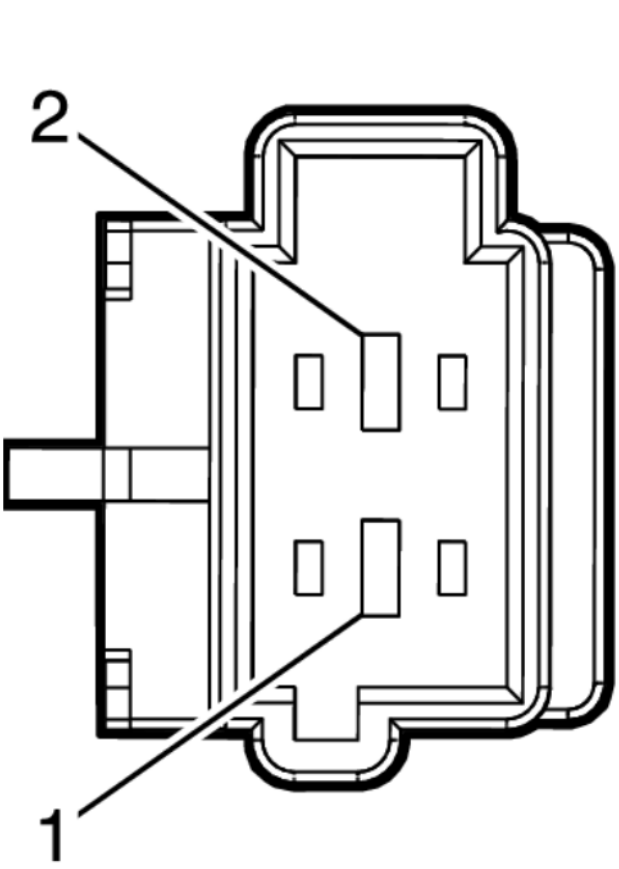
Terminal Part Information

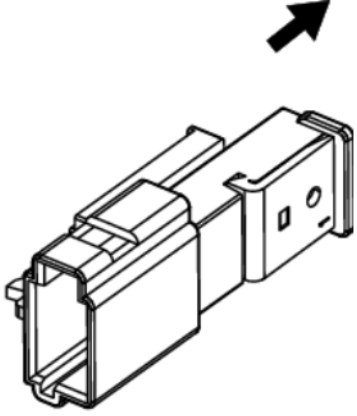
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75 0.75	GN GN	24 24	Backup Lamp Control Backup Lamp Control	I	T79 -T79
B	0.75 0.75	BK BK	3850 3850	Ground Ground	I	UKC -UKC

E6 CENTER HIGH MOUNTED STOP LAMP

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

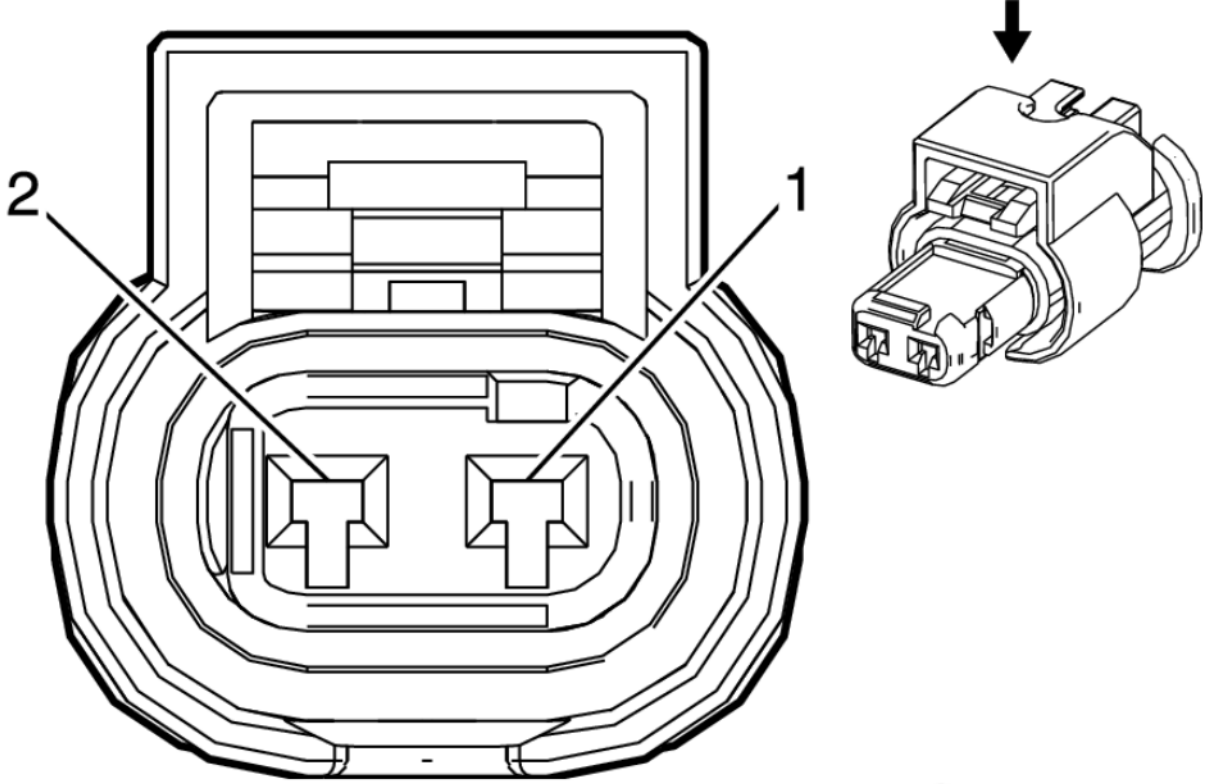
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2450	Ground	I	-
2	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-

E7L LICENSE PLATE LAMP - LEFT (HP9)

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Connector Part Information

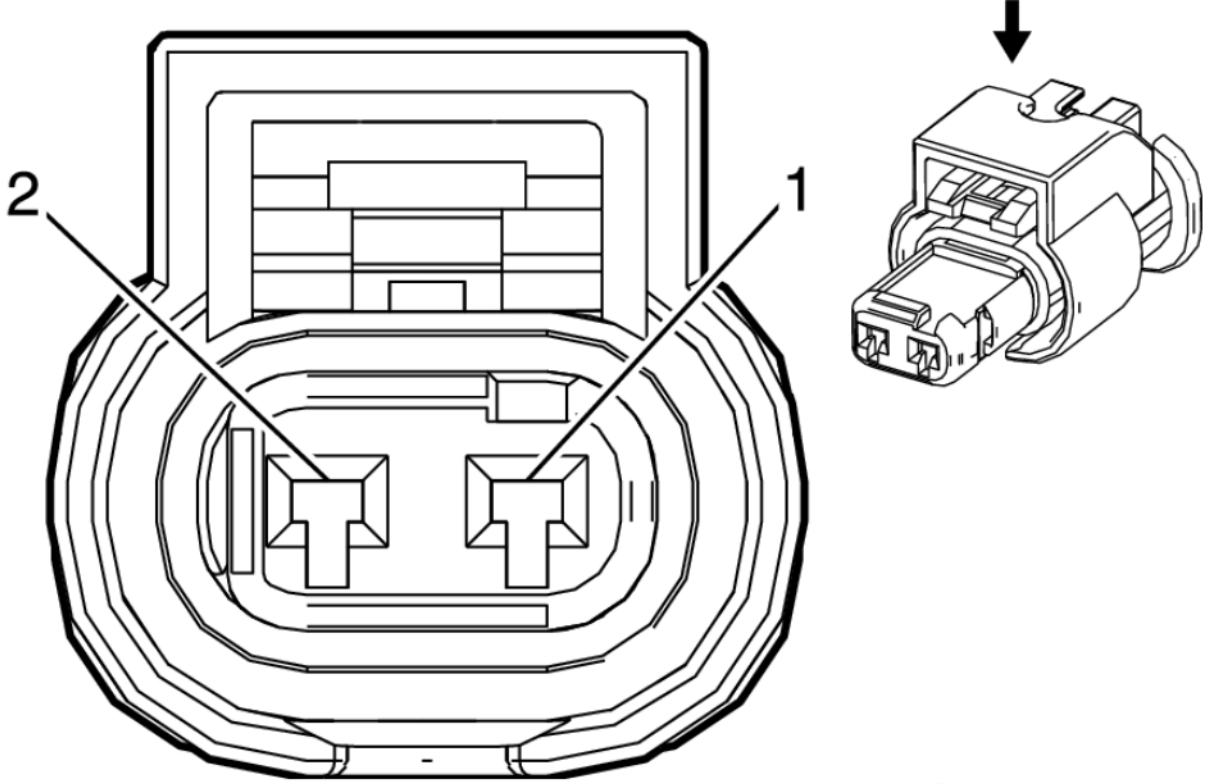
- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	3850	Ground	I	-

E7L LICENSE PLATE LAMP - LEFT (KL9)



Connector Part Information

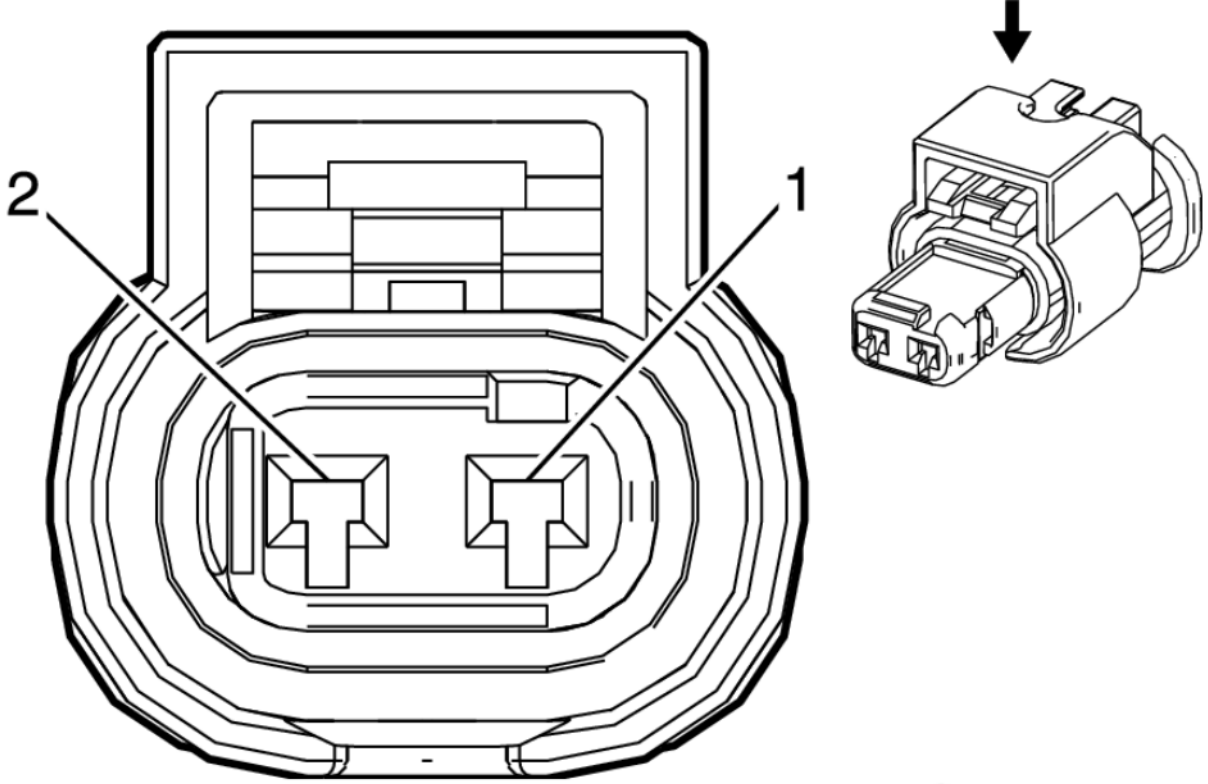
- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	3850	Ground	I	-

E7R LICENSE PLATE LAMP - RIGHT (HP9)



Connector Part Information

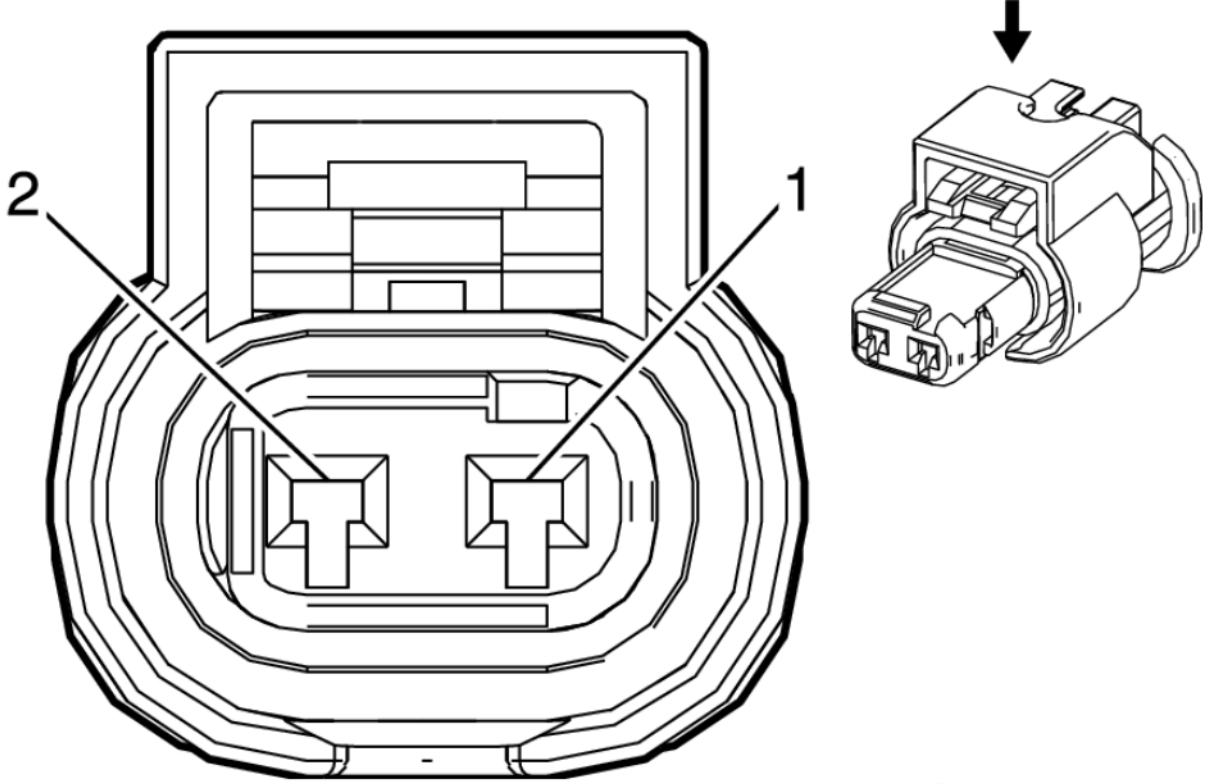
- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	3850	Ground	I	-

E7R LICENSE PLATE LAMP - RIGHT (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

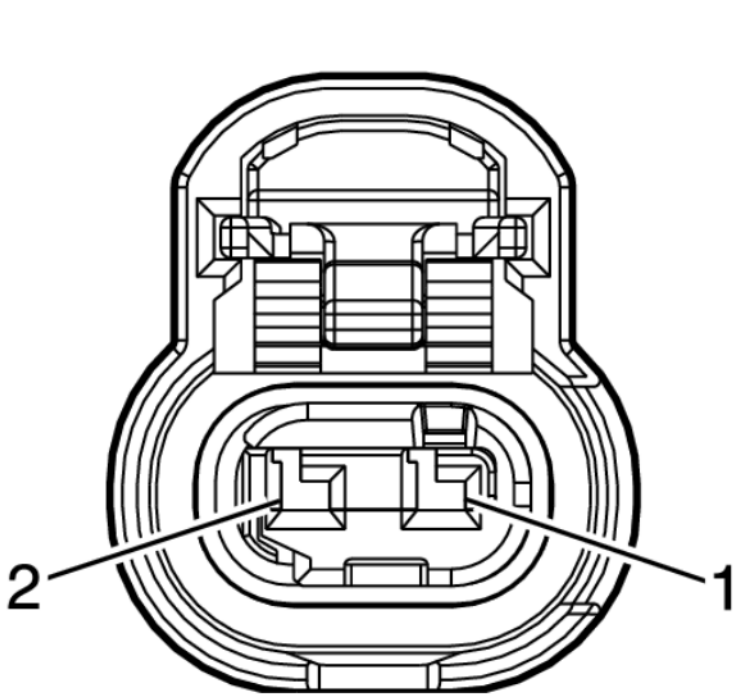
Terminal Part Information

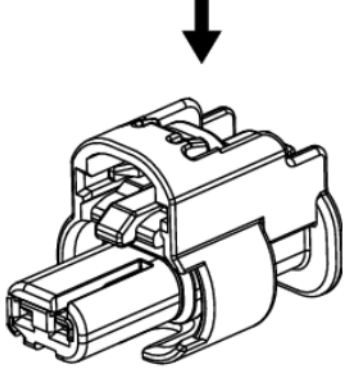
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	3850	Ground	I	-

E8A DOOR SILL PLATE LAMP - DRIVER (B7G)

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Connector Part Information

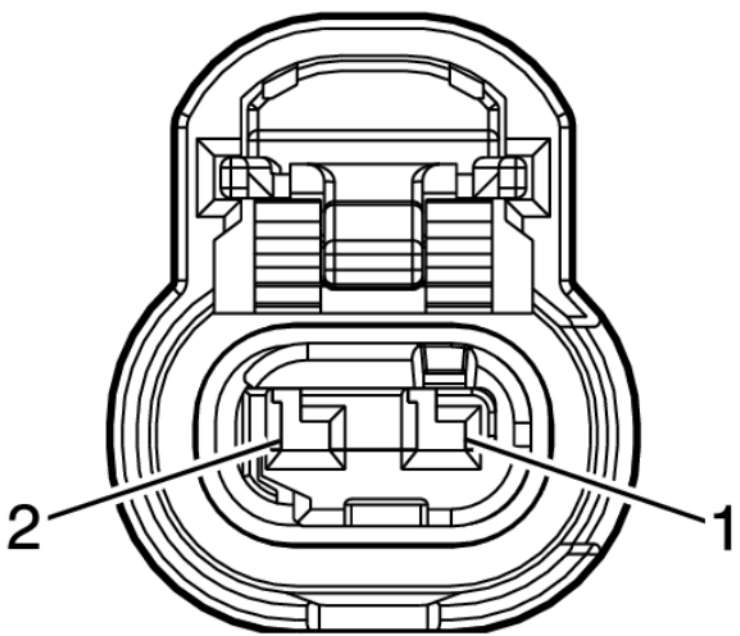
- Harness Type: Body
- OEM Connector: 33121579
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

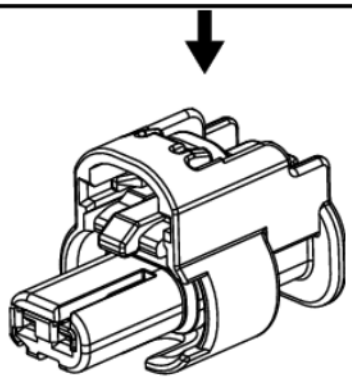
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	2150	Ground	I	-

E8B DOOR SILL PLATE LAMP - PASSENGER (B7G)





Connector Part Information

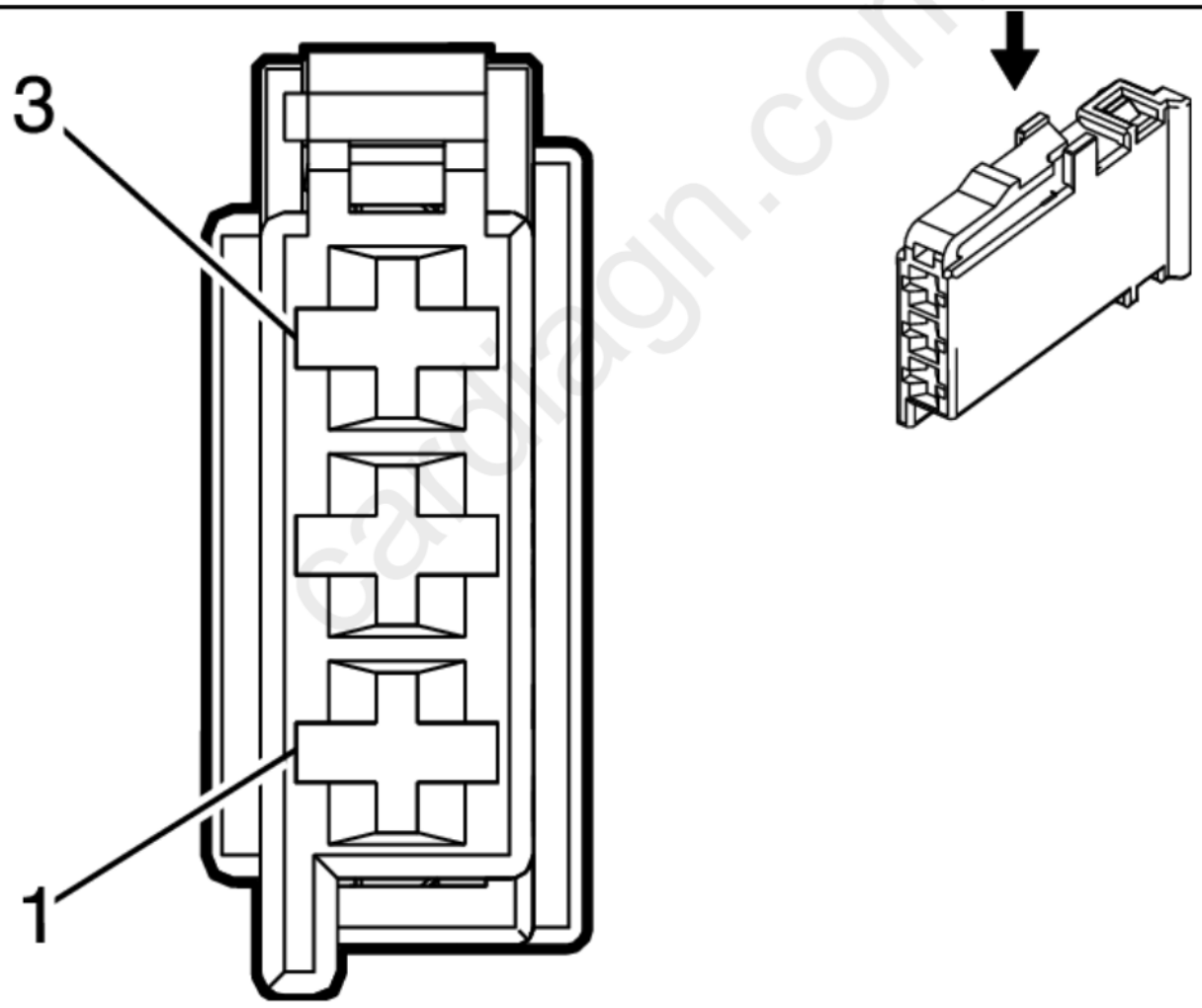
- Harness Type: Body
- OEM Connector: 33121579
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	2250	Ground	I	-

E8D DOOR COURTESY LAMP - DRIVER



Connector Part Information

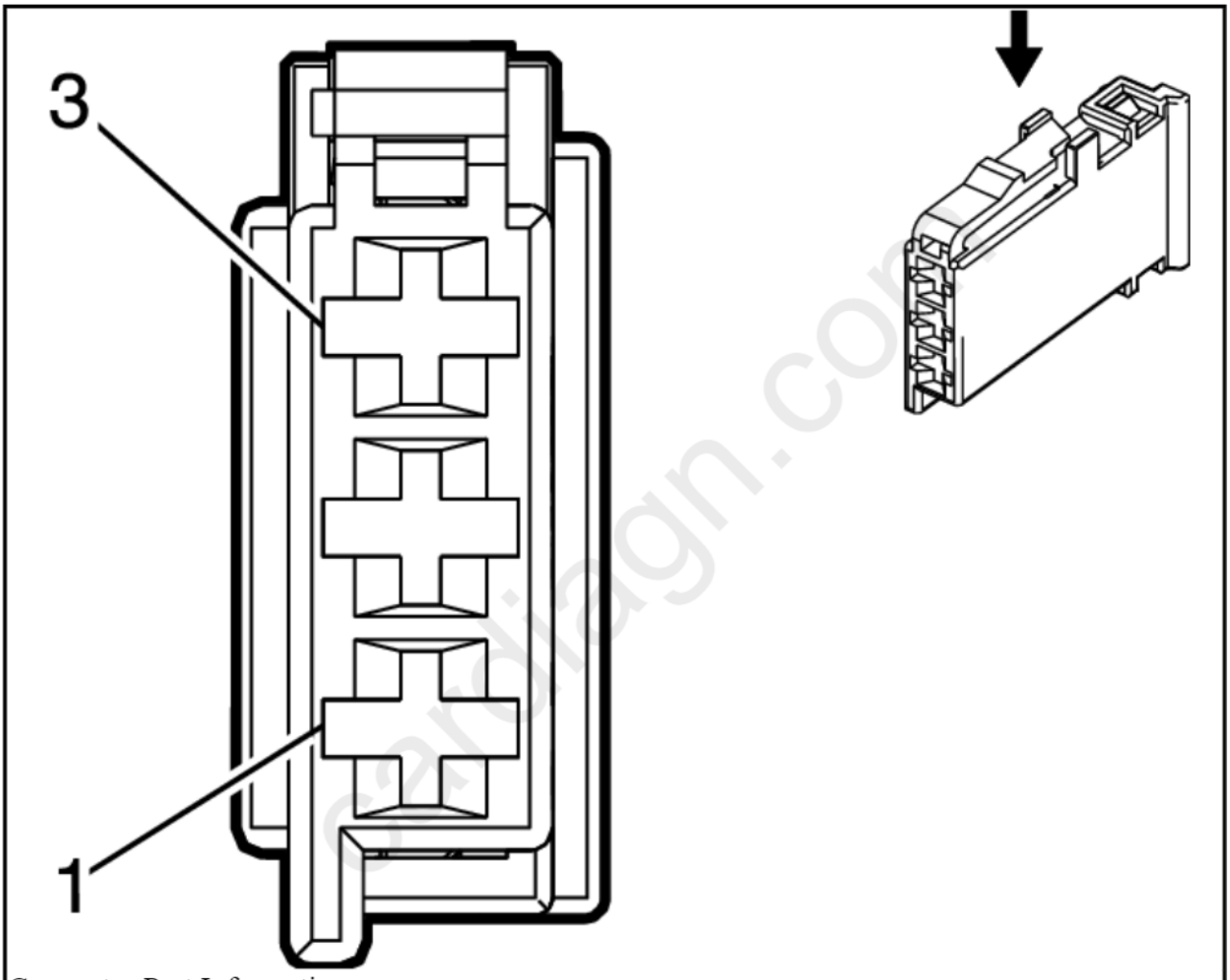
- Harness Type: Driver Door Trim
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2150	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8E REAR COMPARTMENT COURTESY LAMP - LEFT



Connector Part Information

- Harness Type: Body
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

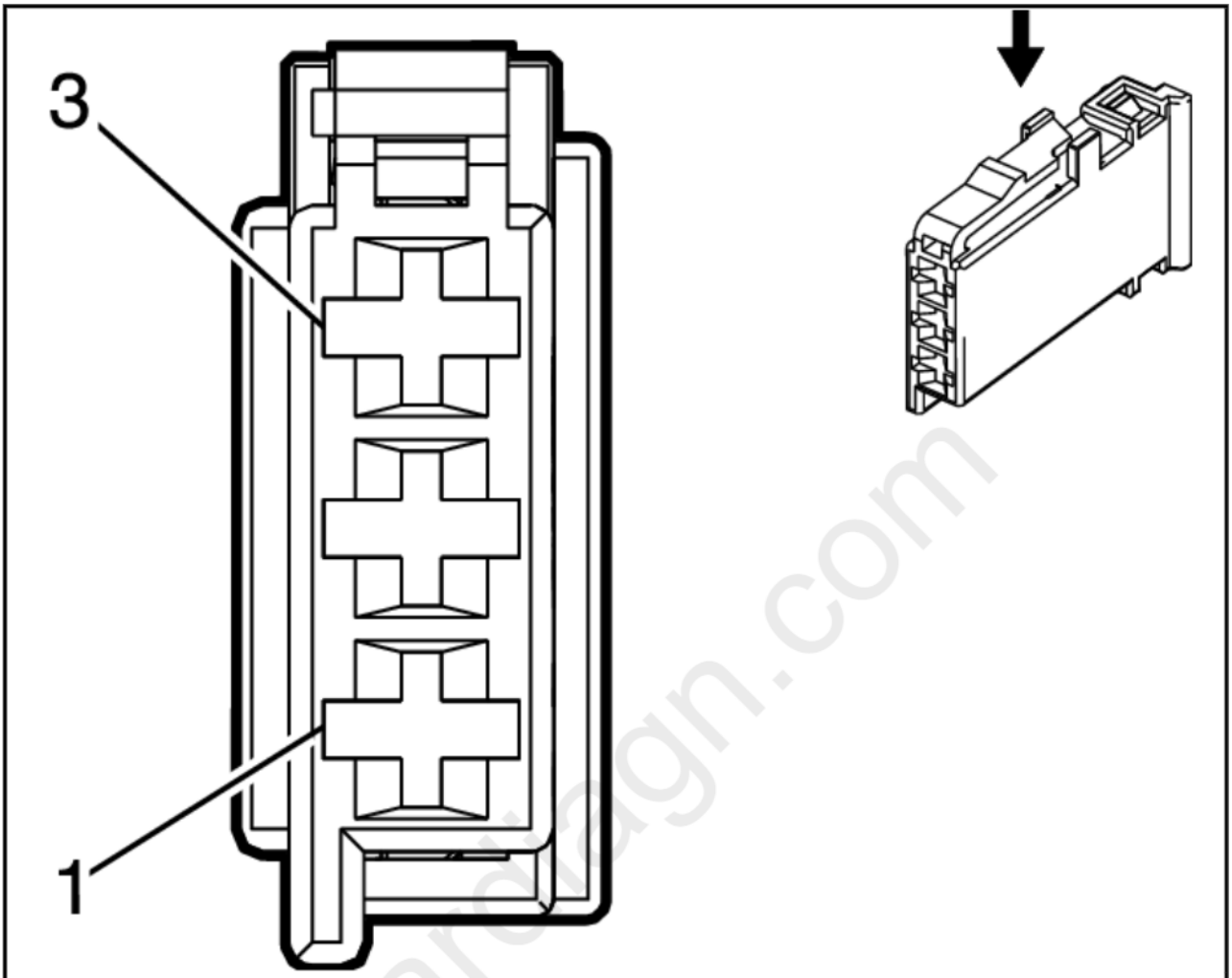
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	0.5	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8F REAR COMPARTMENT COURTESY LAMP - RIGHT



Connector Part Information

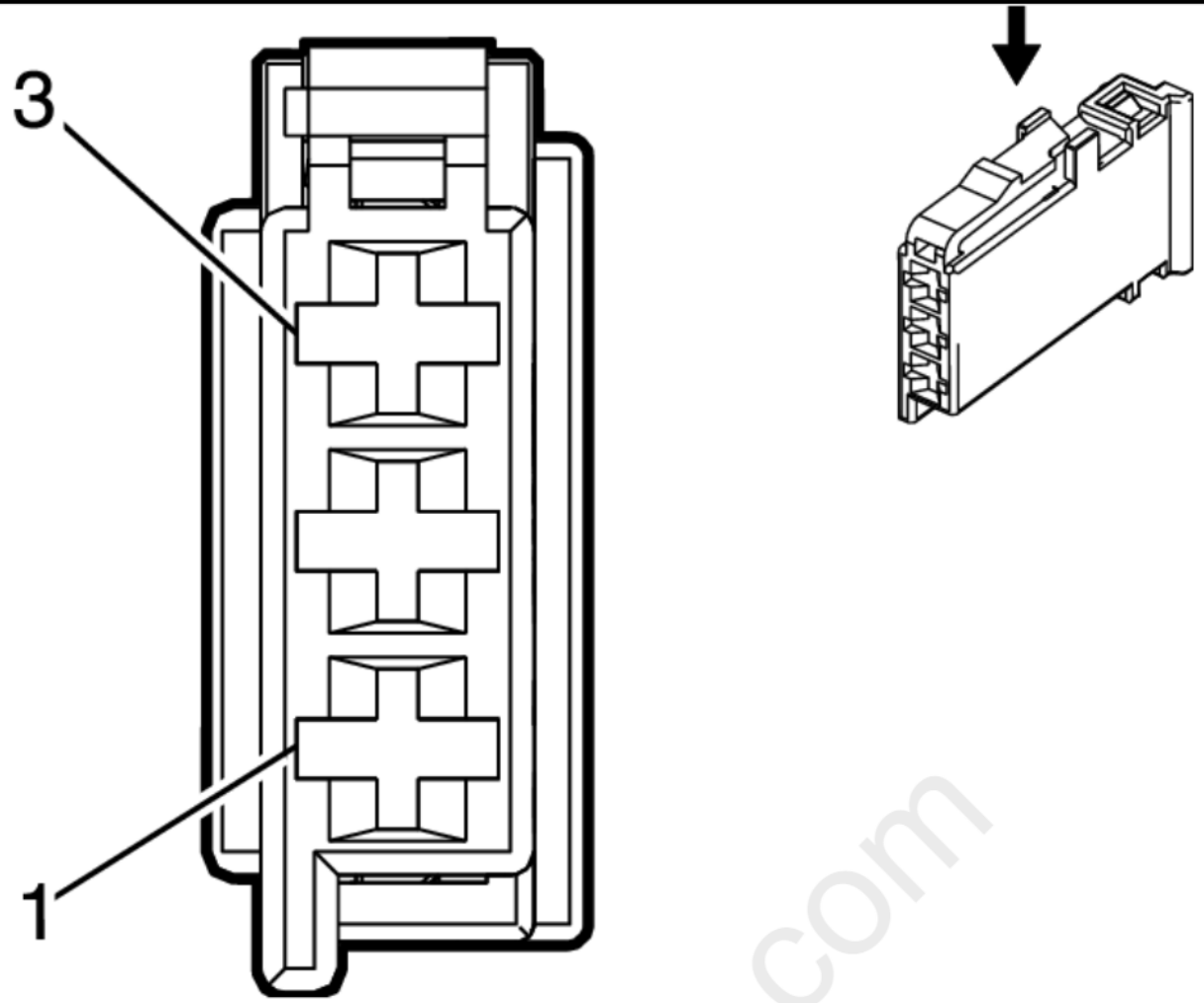
- Harness Type: Body
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	0.5	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8LR DOOR COURTESY LAMP - LEFT REAR



Connector Part Information

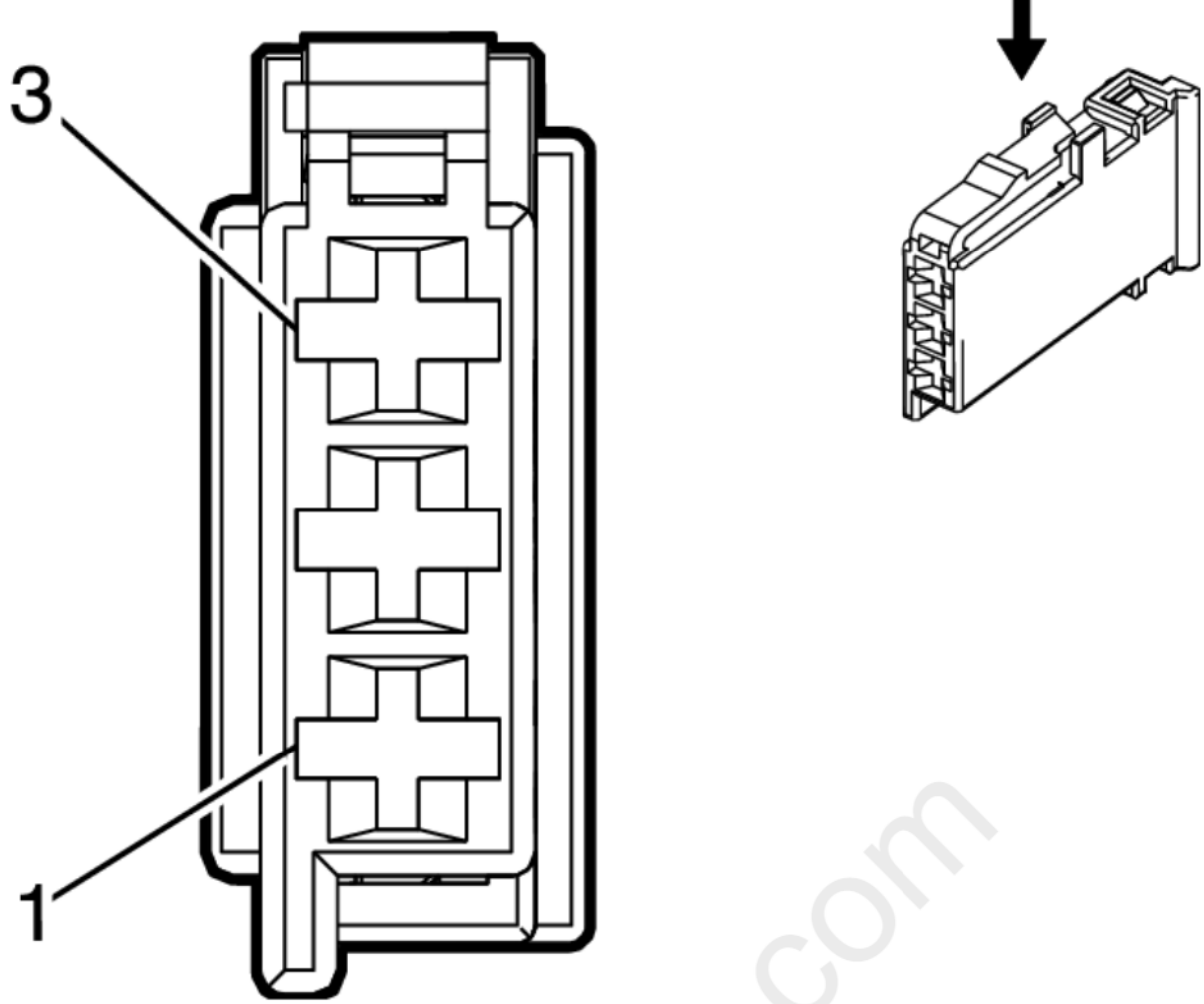
- Harness Type: Left Rear Door Trim
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8P DOOR COURTESY LAMP - PASSENGER



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

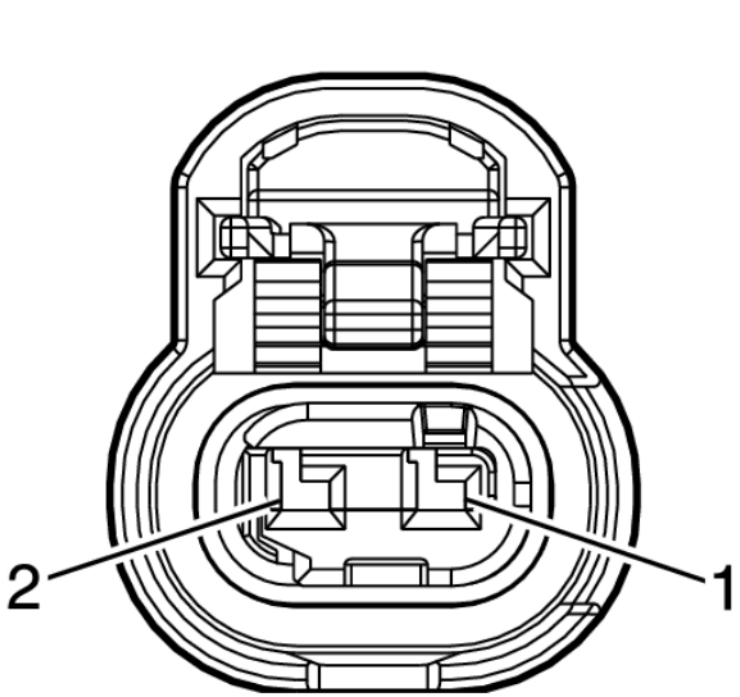
Terminal Part Information

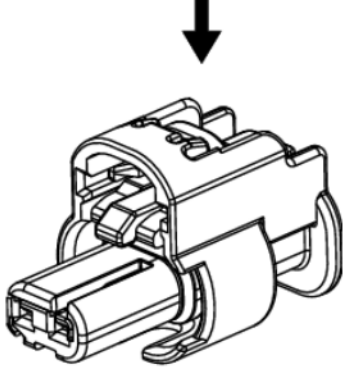
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2250	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8Q DOOR SILL PLATE LAMP - LEFT REAR (B7G)

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Connector Part Information

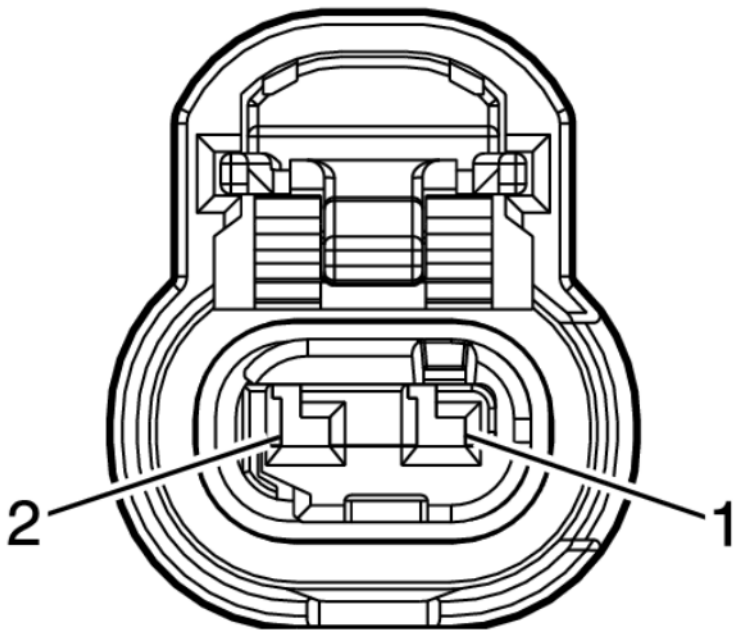
- Harness Type: Body
- OEM Connector: 33121579
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

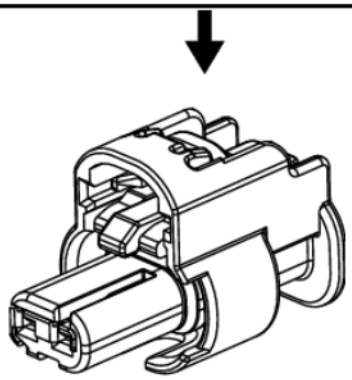
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-

E8R DOOR SILL PLATE LAMP - RIGHT REAR (B7G)





Connector Part Information

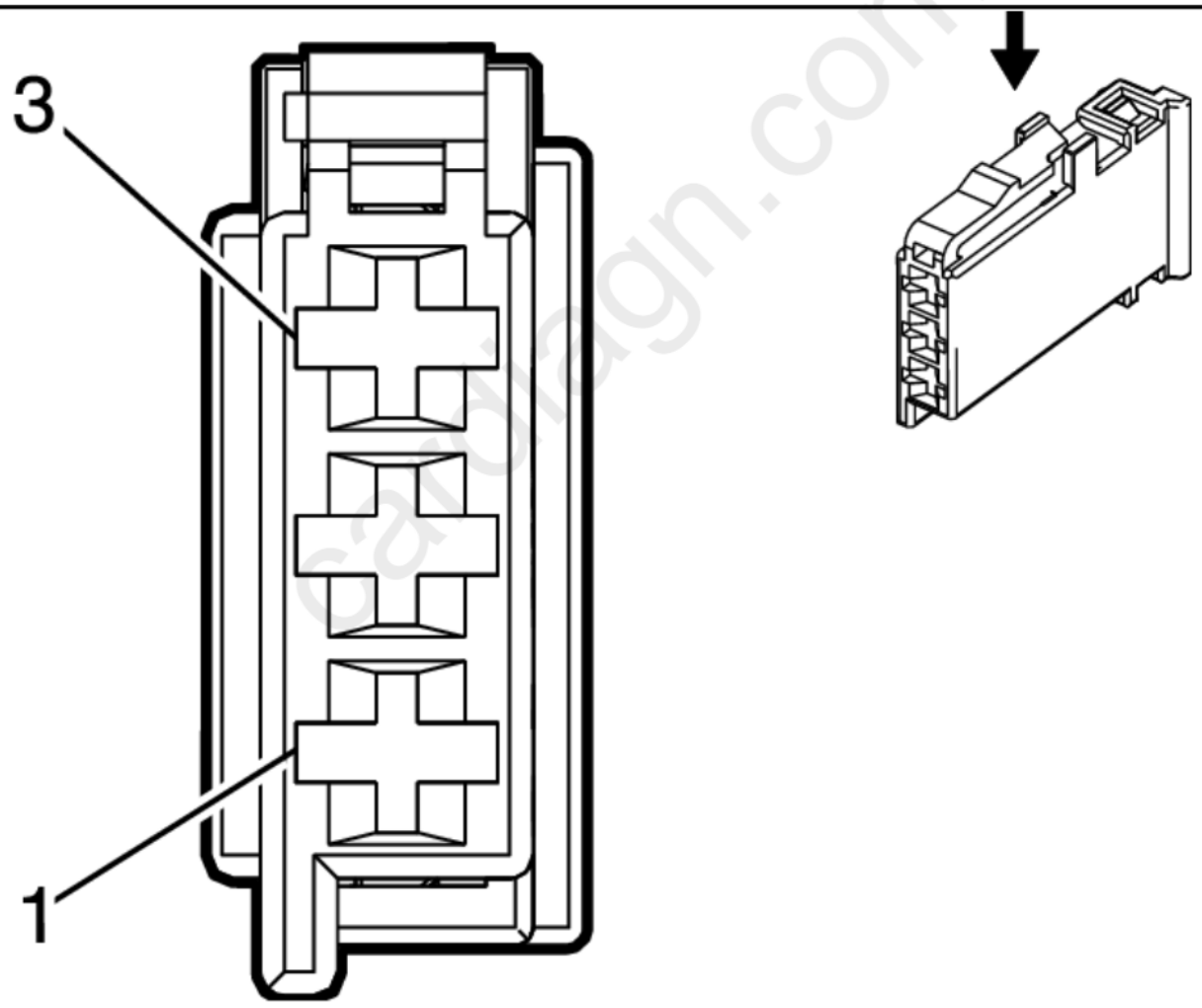
- Harness Type: Body
- OEM Connector: 33121579
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	2450	Ground	I	-

E8RR DOOR COURTESY LAMP - RIGHT REAR



Connector Part Information

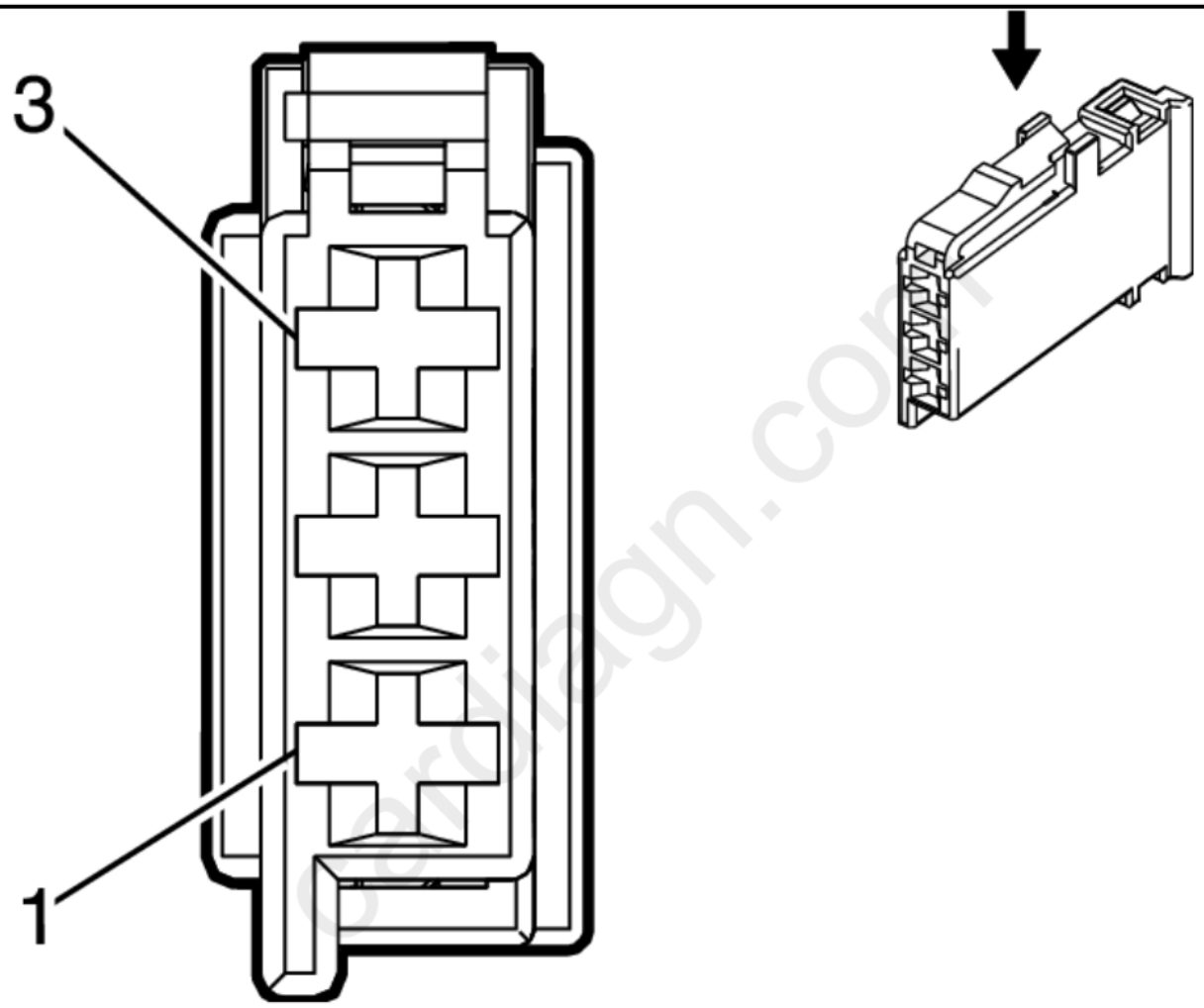
- Harness Type: Right Rear Door Trim
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8SA REAR COMPARTMENT COURTESY LAMP - LEFT OUTER (AQ9)



Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

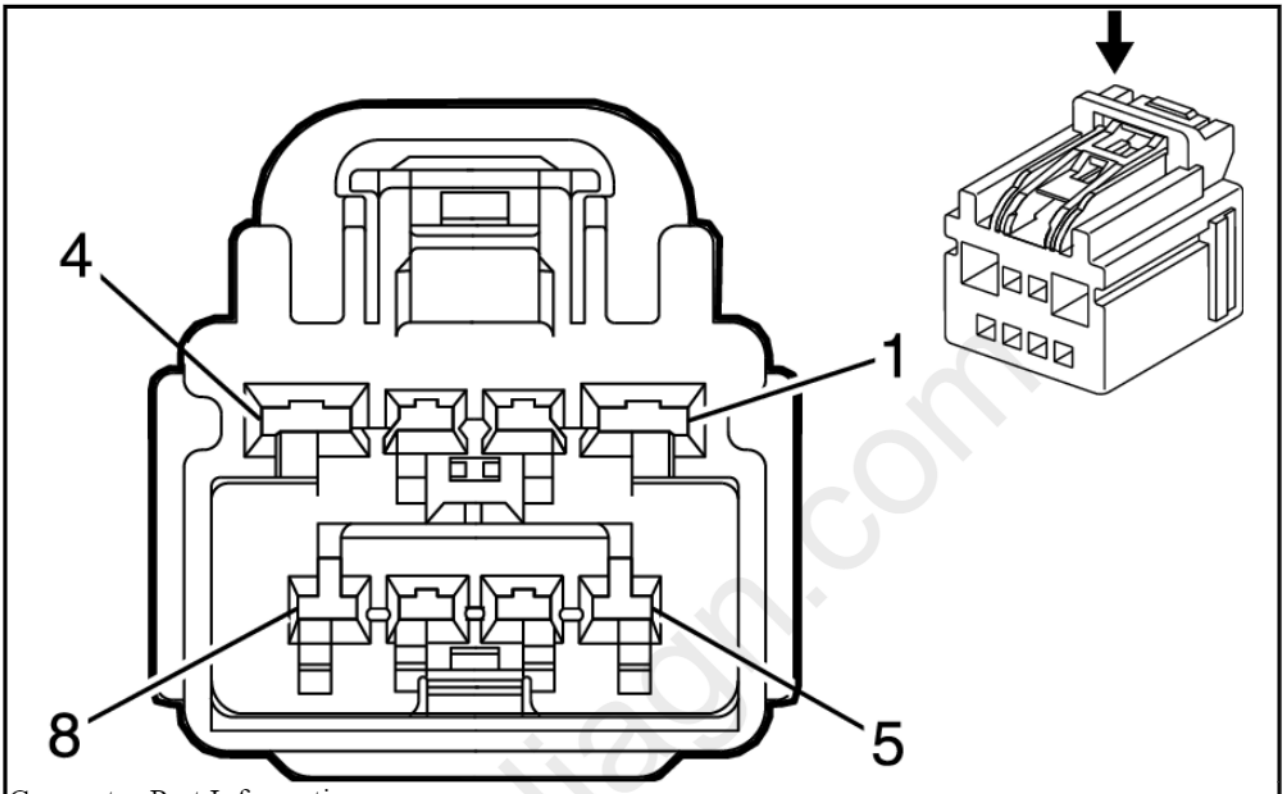
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

M101R SEAT BELT RETRACTOR MOTOR MODULE - RIGHT (AX7)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847007
- Service Connector: 19153181
- Description: 8-Way F YESC Kaizen Series (L-GY)

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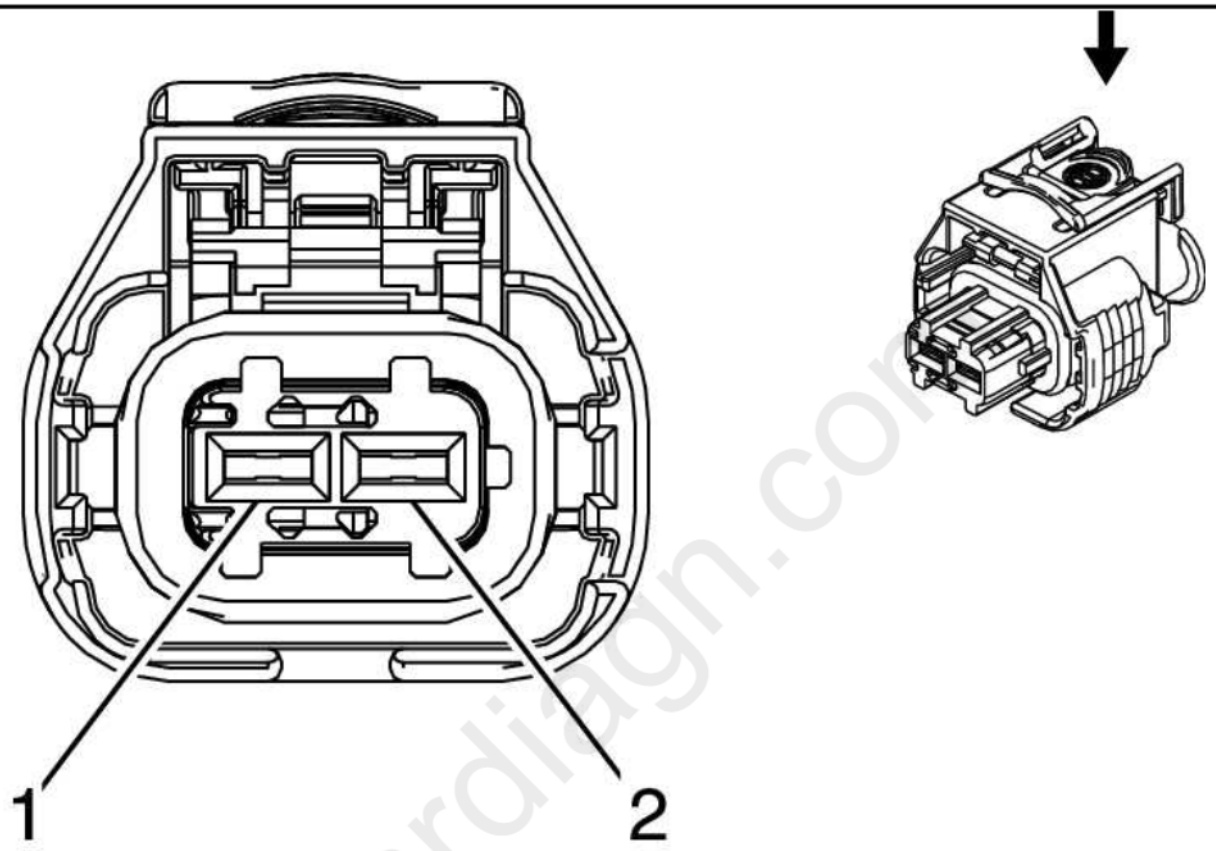
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2250	Ground	II	-
2	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
3	-	-	-	Not Occupied	-	-
4	2.5	RD/GN	6140	Battery Positive Voltage	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
6	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
7	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
8	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-

M104L PARK BRAKE ACTUATOR - LEFT



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13930085
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

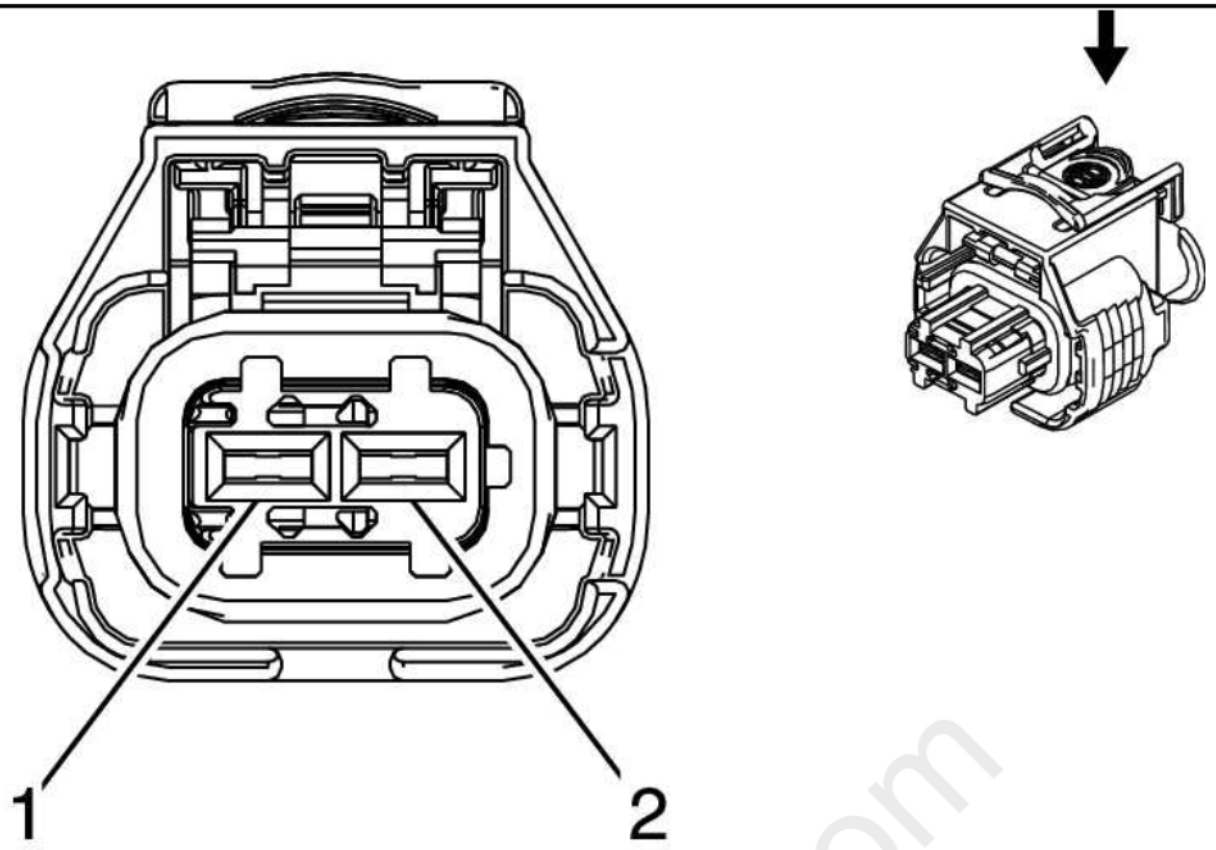
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	WH	2001	Park Brake Motor Apply Left Rear Control	I	-
2	2.5	GY/BK	4369	Park Brake Motor Low Reference Left Rear	I	-

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M104R PARK BRAKE ACTUATOR - RIGHT



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13930085
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

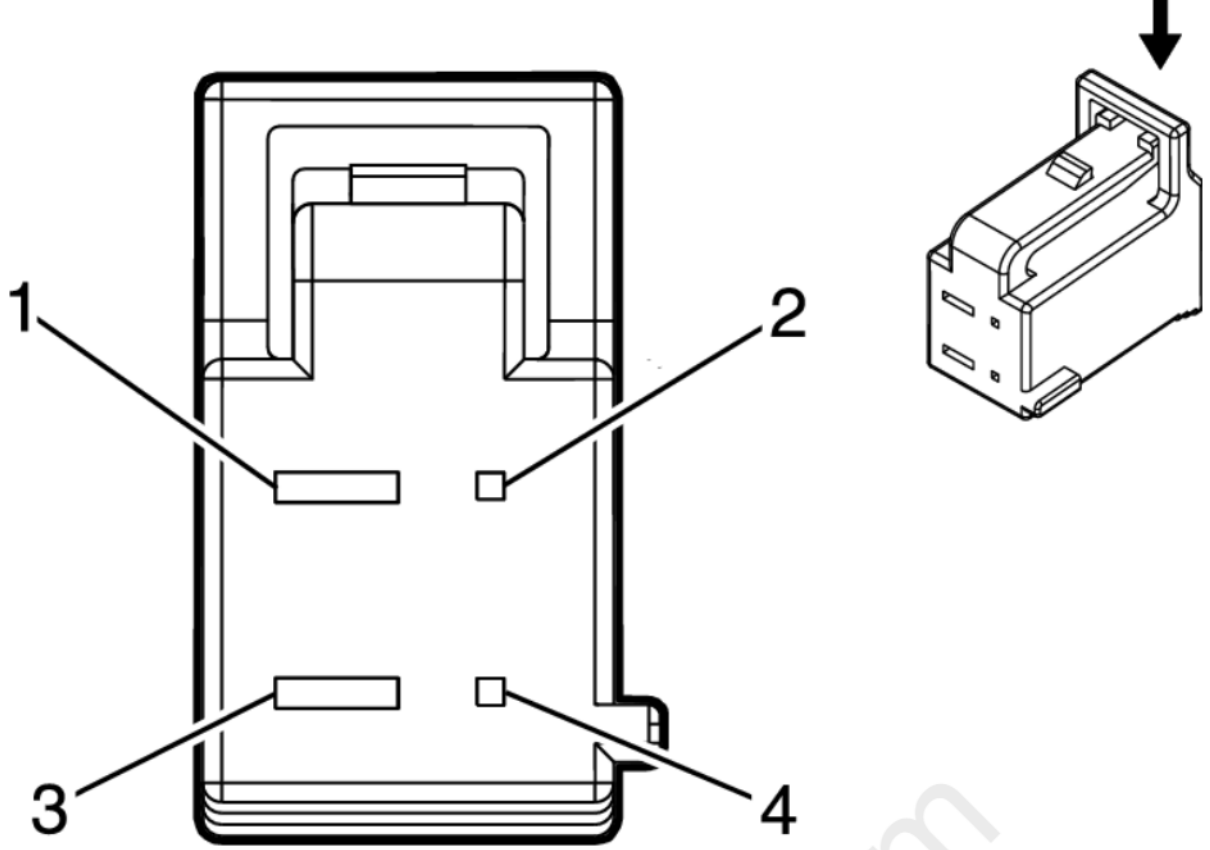
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	GN/VT	1988	Park Brake Motor Apply Right Rear Control	I	-
2	2.5	GY	4368	Park Brake Motor Low Reference Right Rear	I	-

M116D UPPER SEAT BACK MOTOR - DRIVER (AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

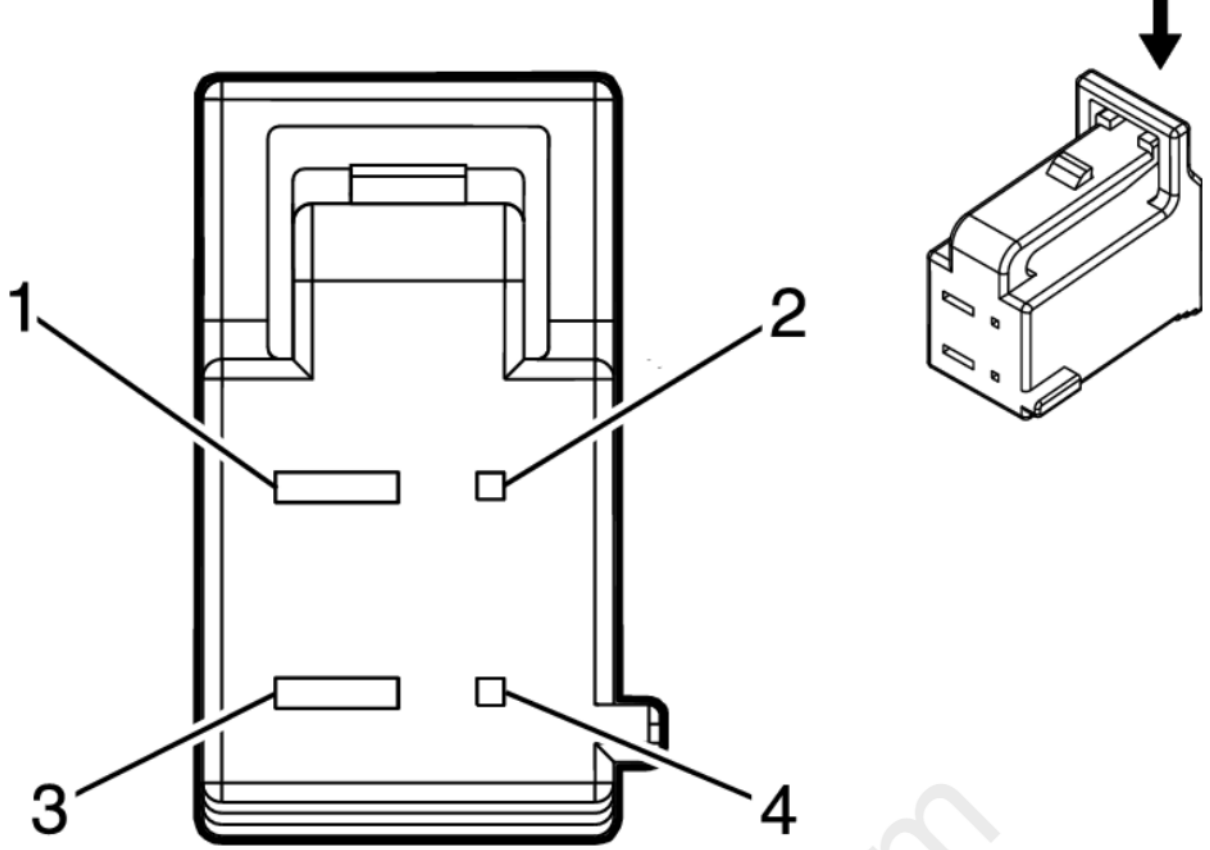
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BN	9013	Upper Seat Back Motor - Left Rear Forward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	YE/BU	9014	Upper Seat Back Motor - Left Rear Rearward Control	I	-
4	0.35	WH	9012	5V Reference	I	-

M116LR UPPER SEAT BACK MOTOR - LEFT REAR (AQ9)

carmagn.com



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

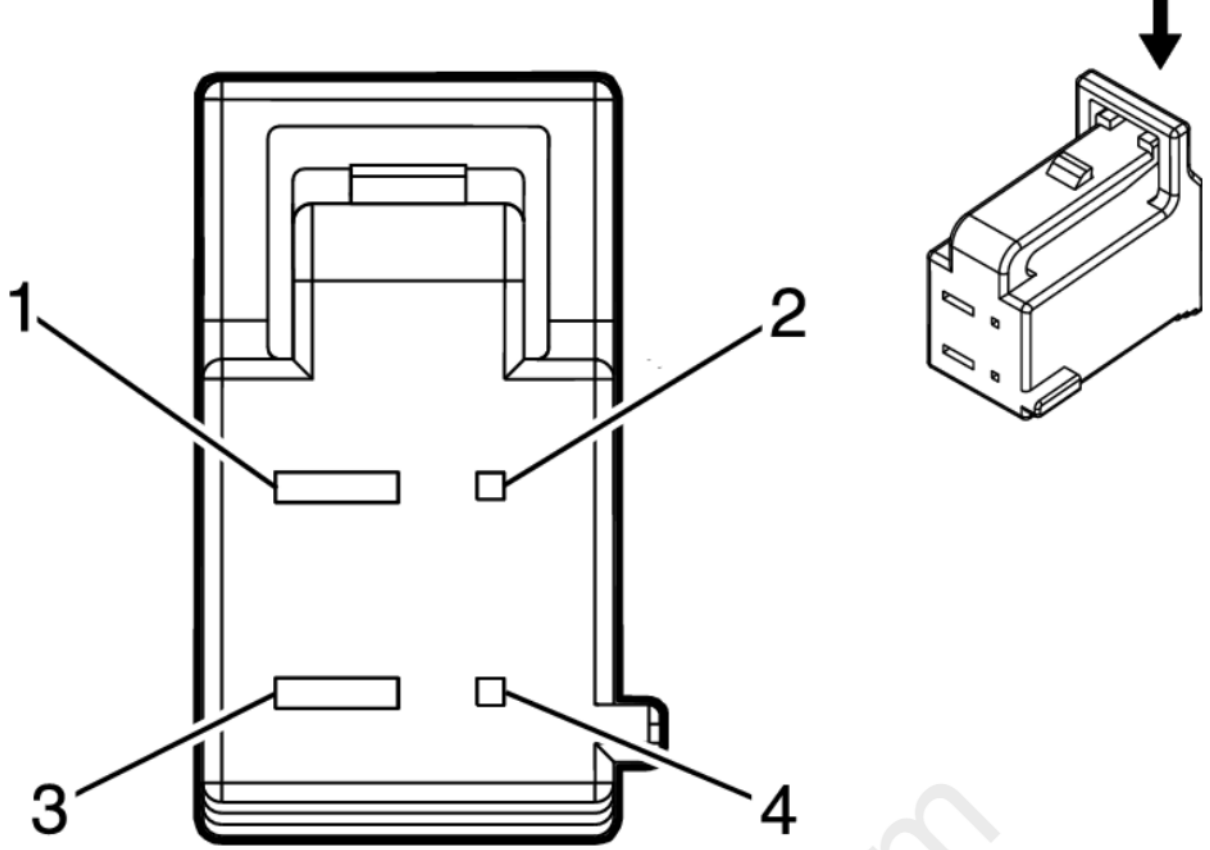
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BN	9051	Left Rear Upper Seat Back Motor Forward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	0.75	YE/BU	9052	Left Rear Upper Seat Back Motor Rearward Control	I	-
4	0.35	WH	9050	Left Rear Upper Seat Back Motor Sensor Signal	I	-

M116P UPPER SEAT BACK MOTOR - PASSENGER (AQ9)

carDiagn.com



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

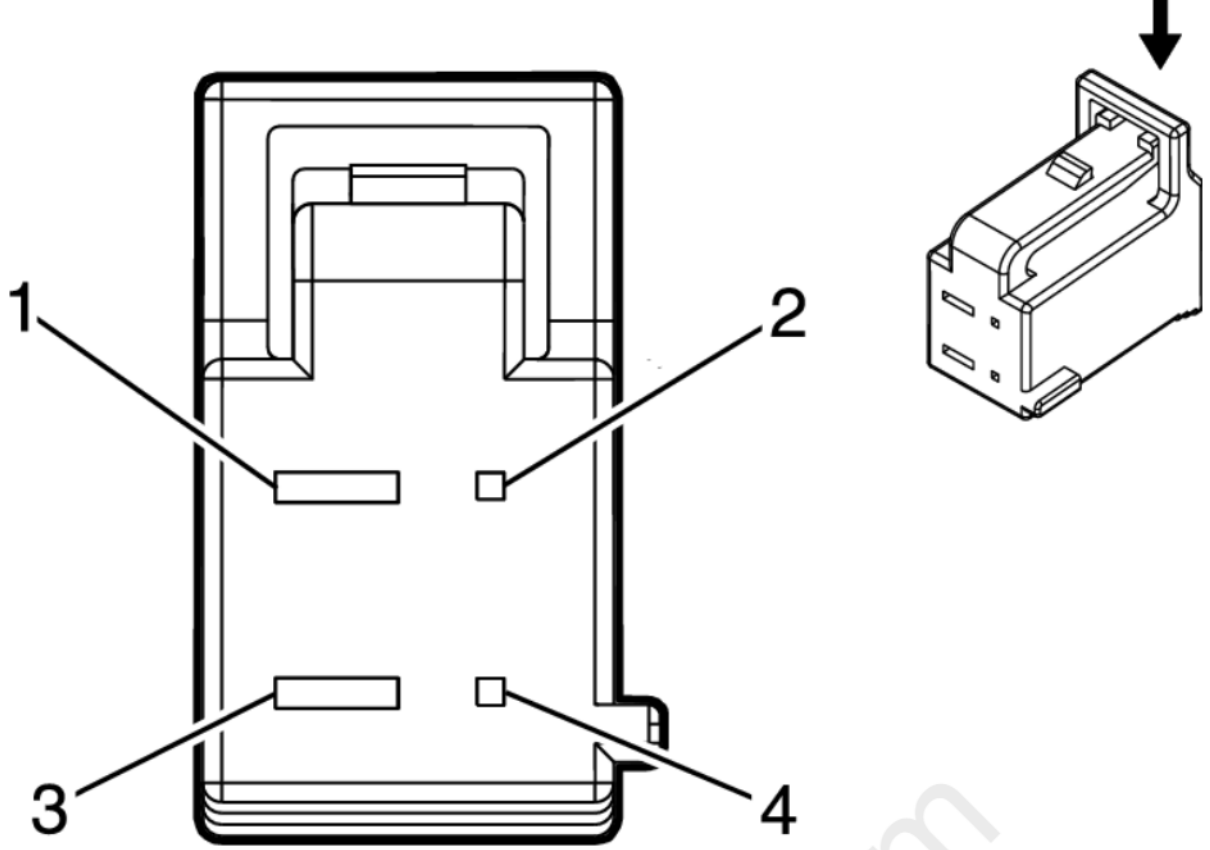
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BN/YE	9016	Upper Seat Back Motor - Right Rear Forward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	BU/YE	9017	Upper Seat Back Motor - Right Rear Rearward Control	I	-
4	0.35	GN/YE	9015	5V Reference	I	-

M116RR UPPER SEAT BACK MOTOR - RIGHT REAR (AQ9)

carDiagn.com



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

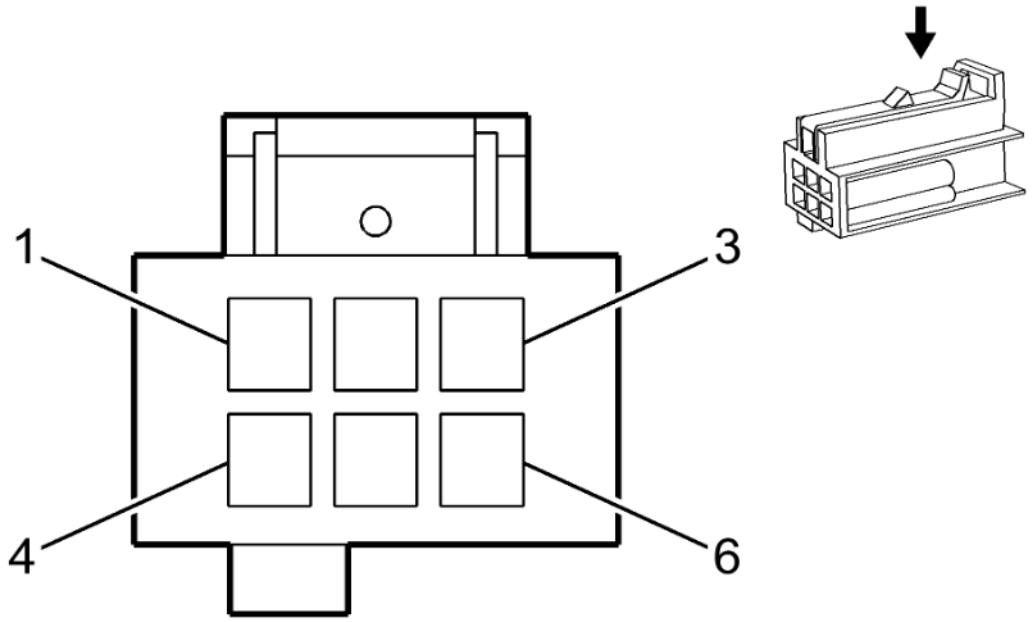
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/YE	9054	Right Rear Upper Seat Back Motor Forward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	0.75	BU/YE	9055	Right Rear Upper Seat Back Motor Rearward Control	I	-
4	0.35	GN/YE	9053	Right Rear Upper Seat Back Motor Sensor Signal	I	-

M119 REAR AIR FLOW CONTROL CUT-OFF ACTUATOR

carmagn.com



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

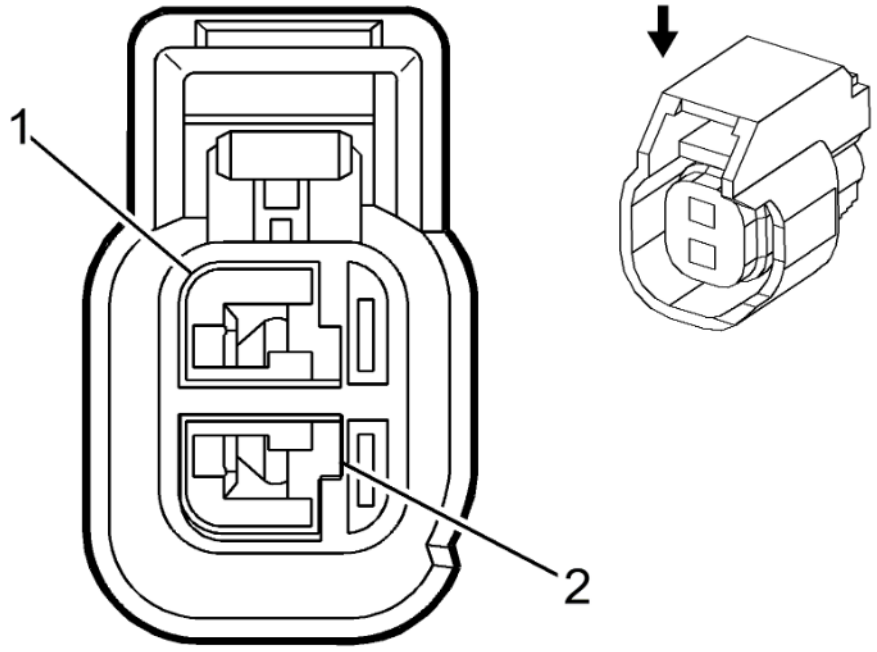
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/BK	3185	Mode Door Stepper Motor Rear Control 1	I	-
2	0.35	BN/WH	1218	Upper Mode Valve Motor Control	I	-
3	0.35	GN/BK	3186	Mode Door Stepper Motor Rear Control 2	I	-
4	0.35	BU/BK	3187	Mode Door Stepper Motor Rear Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GY/BK	3188	Mode Door Stepper Motor Rear Control 4	I	-

P13 HORN ASSEMBLY

cardiagn.com



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13594801
- Service Connector: 13585854
- Description: 2-Way F 150 GT Series, Sealed (BK)

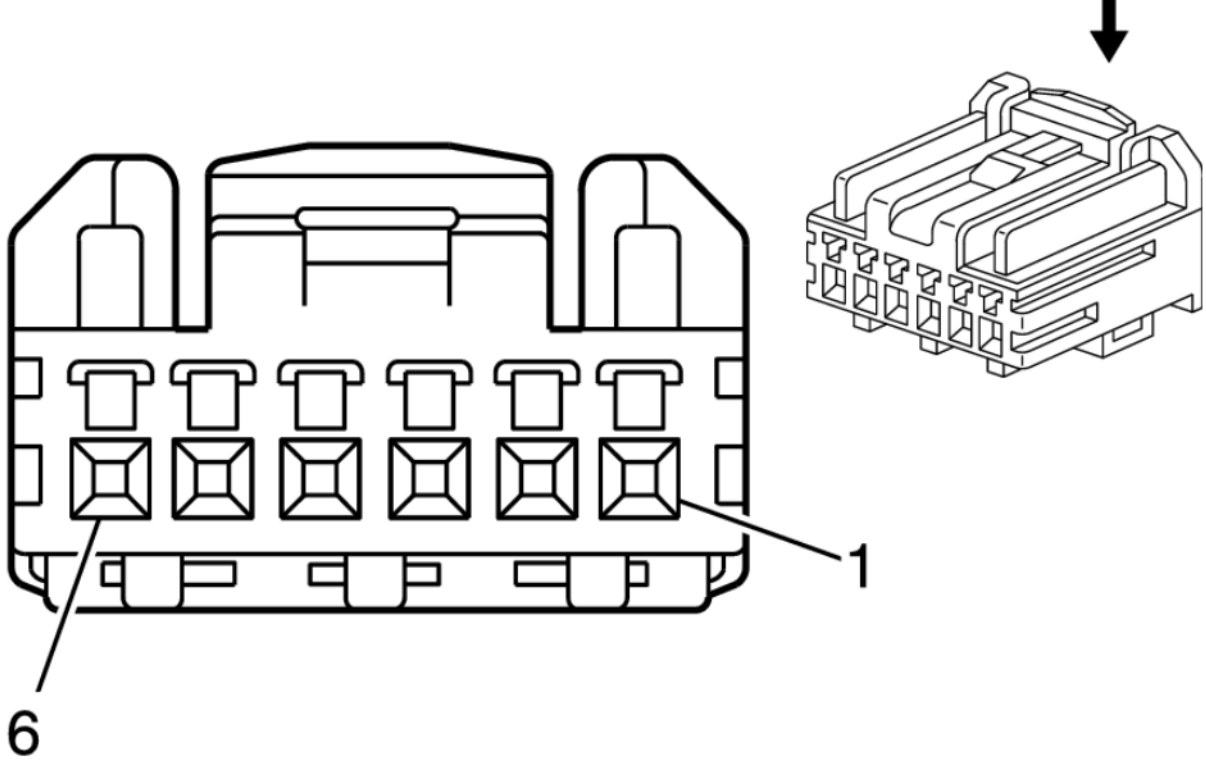
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 1	BK BK	650 650	Ground Ground	I I	LGW/LTG LGX
2	0.75 1	BN/GY BN/GY	29 29	Horn Control Horn Control	I I	LGW/LTG LGX

P14 PASSENGER AIR BAG DISABLED INDICATOR

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Connector Part Information

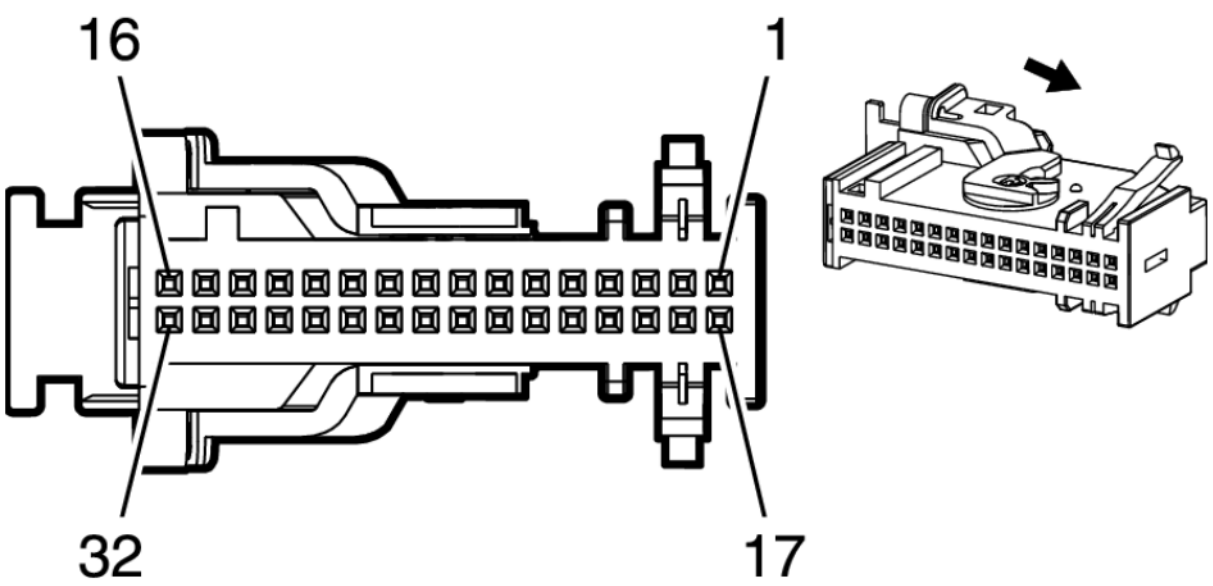
- Harness Type: Headliner
- OEM Connector: 13608102
- Service Connector: 19153174
- Description: 6-Way F 0.64 HCM Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	BU	2307	Passenger Air Bag On Indicator Control	I	-
2	0.35	BK	1450	Ground	II	-
3	0.13	GN	2308	Passenger Air Bag Off Indicator Control	I	-
4	0.5	VT/GY	539	Run/Crank Ignition 1 Voltage	II	-
5	0.13	VT	5234	Passenger Seat Belt Indicator Control	I	-
6	-	-	-	Not Occupied	-	-

P16 INSTRUMENT CLUSTER X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12198036
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

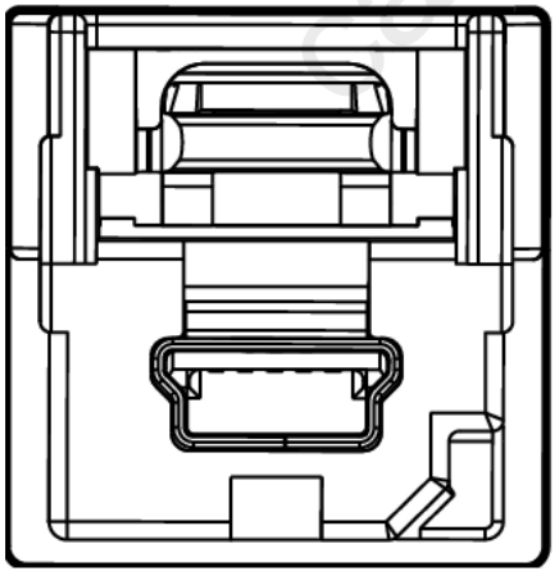
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575587	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	13575783	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	13575859	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

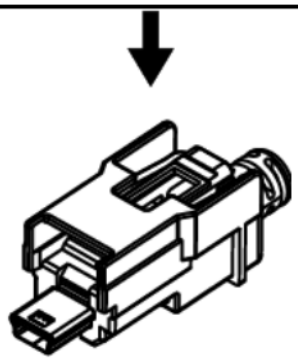
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
5	0.35	WH/VT	3999	MOST Control	I	UHS
6	-	-	-	Not Occupied	-	-
7	0.35	RD/BU	3240	Battery Positive Voltage	I	-
8	0.35	VT/GY	139	Run/Crank Ignition 1 Voltage	I	-
9 - 11	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.13	GY	3885	Forward Collision Alert LED Control	I	UEU-UV6
13 - 15	-	-	-	Not Occupied	-	-
16	0.35	BN/WH	419	Check Engine Indicator Control	I	-
17	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
18	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
19	0.5	BK	1350	Ground	II	-
20	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	UDV
21	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	UV6
22	0.5	GN/BK	3633	Camshaft Position Sensor Replicated Signal	II	-
23	-	-	-	Not Occupied	-	-
24	0.35	VT	185	Low Washer Fluid Indicator Control	I	-
25 - 29	-	-	-	Not Occupied	-	-
30	0.13	WH	3535	Reflected LED Display Dimming Control	I	UEU-UV6
31 - 32	-	-	-	Not Occupied	-	-

P16 INSTRUMENT CLUSTER X2 (UV6)





Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13580202
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

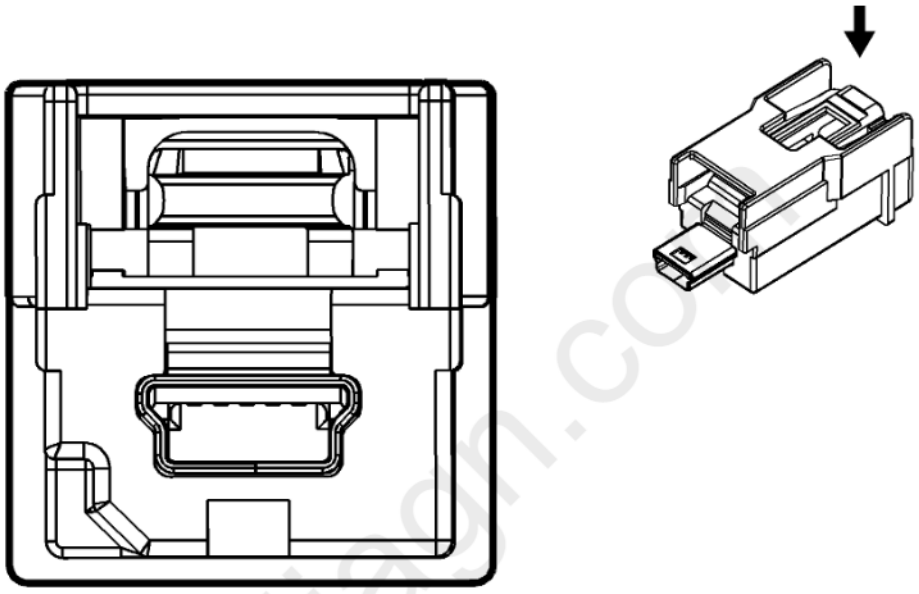
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Head Up Display) Head Up Display Signal	I	-

P16 INSTRUMENT CLUSTER X3 (UV3)



Connector Part Information

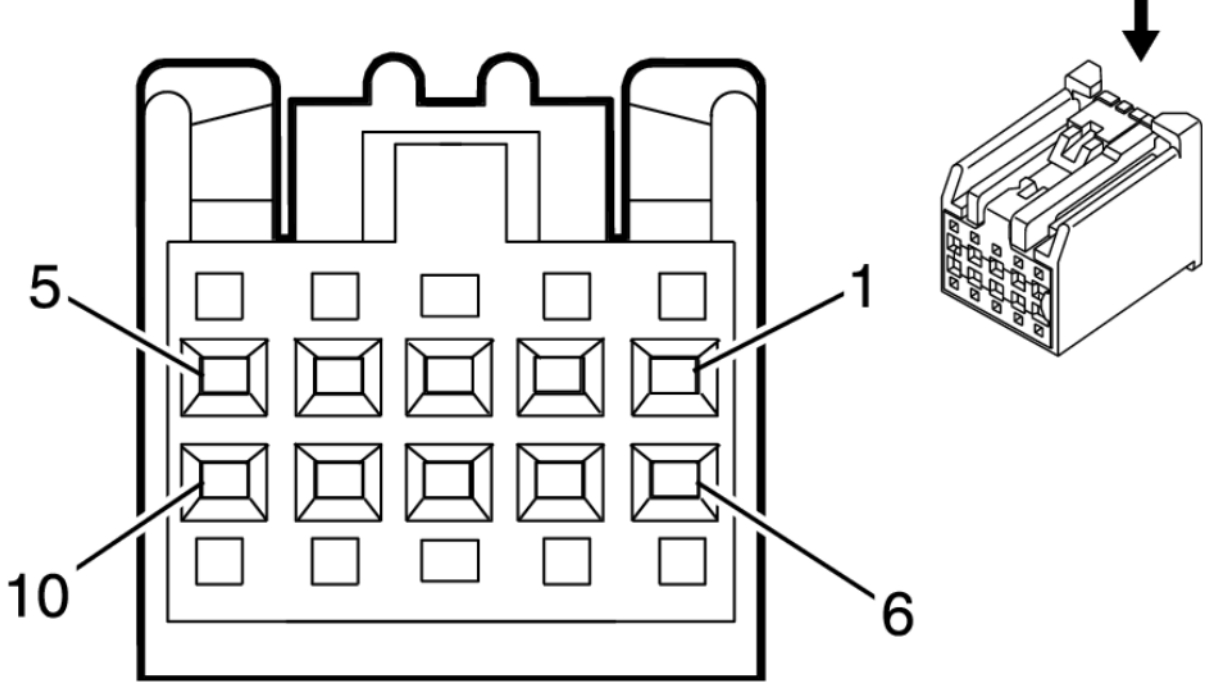
- Harness Type: Instrument Panel LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Night Vision Signal	I	-

P17 INFO DISPLAY MODULE X1



Connector Part Information

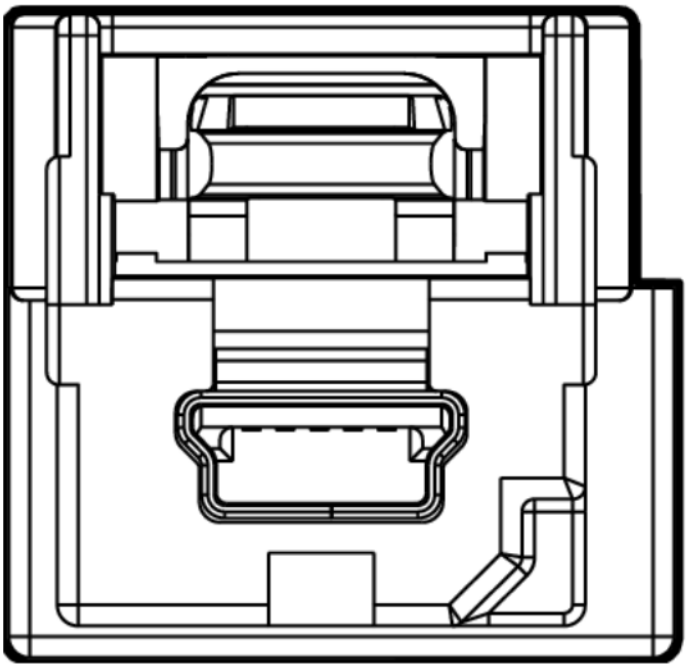
- Harness Type: Instrument Panel
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

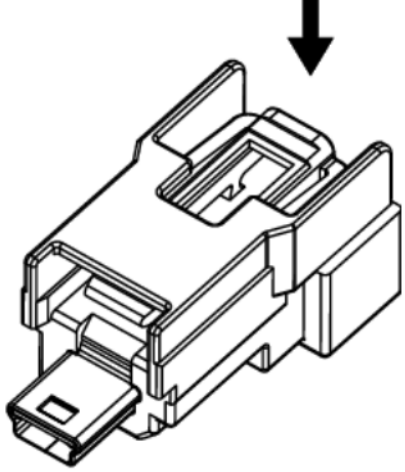
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3240	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
9	-	-	-	Not Occupied	-	-
10	0.75	BK/WH	1551	Signal Ground	I	-

P17 INFO DISPLAY MODULE X2





Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

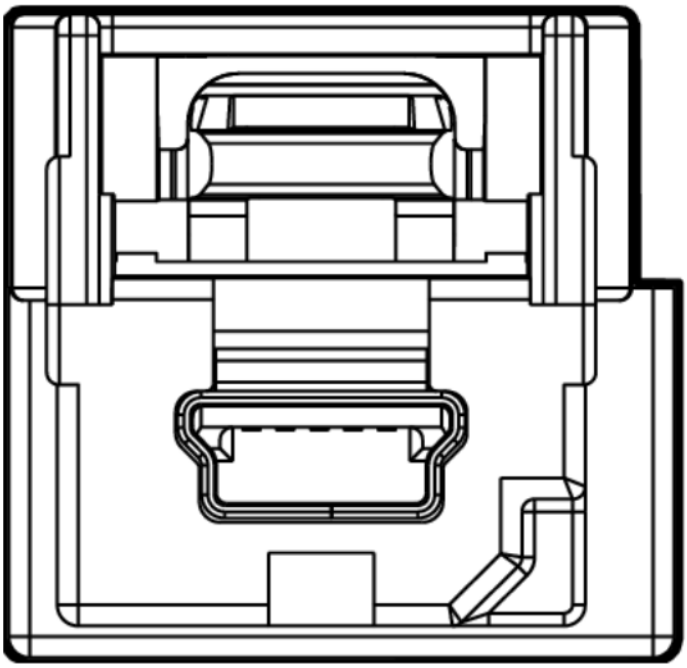
Terminal Part Information

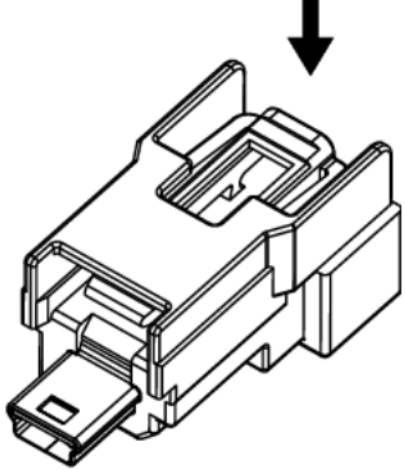
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

P17 INFO DISPLAY MODULE X3 (CW1/UWG)

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Connector Part Information

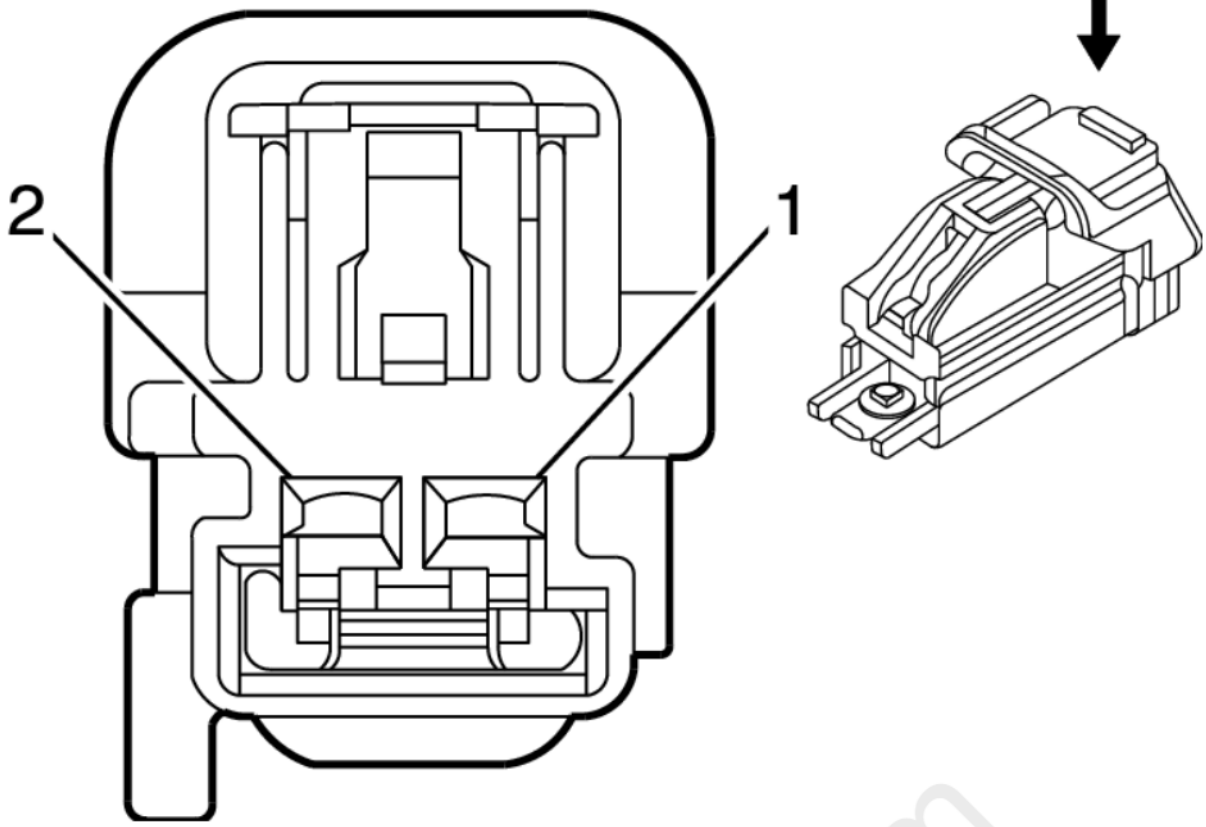
- Harness Type: Instrument Panel LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

P19A SPEAKER - CENTER CONSOLE (UQH)



Connector Part Information

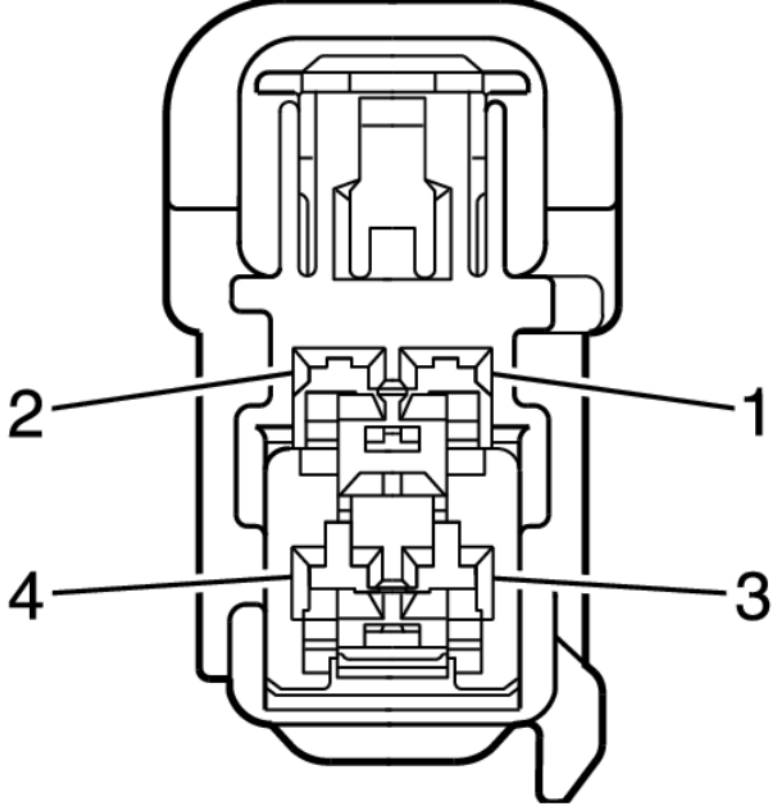
- Harness Type: Floor Console
- OEM Connector: 10846794
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 YESC Series (L-GY)

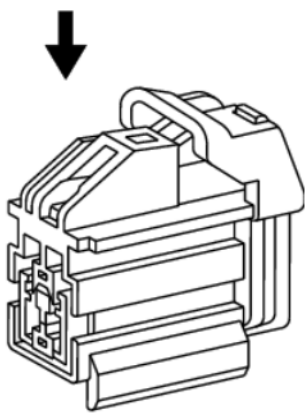
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	5766	Console Center Speaker (-) Low Reference	I	-
2	0.75	VT/GN	5756	Center Console Speaker Control (+)	I	-

P19AA SPEAKER - RIGHT SUBWOOFER X1 (UQH)





Connector Part Information

- Harness Type: Right Subwoofer Speaker
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

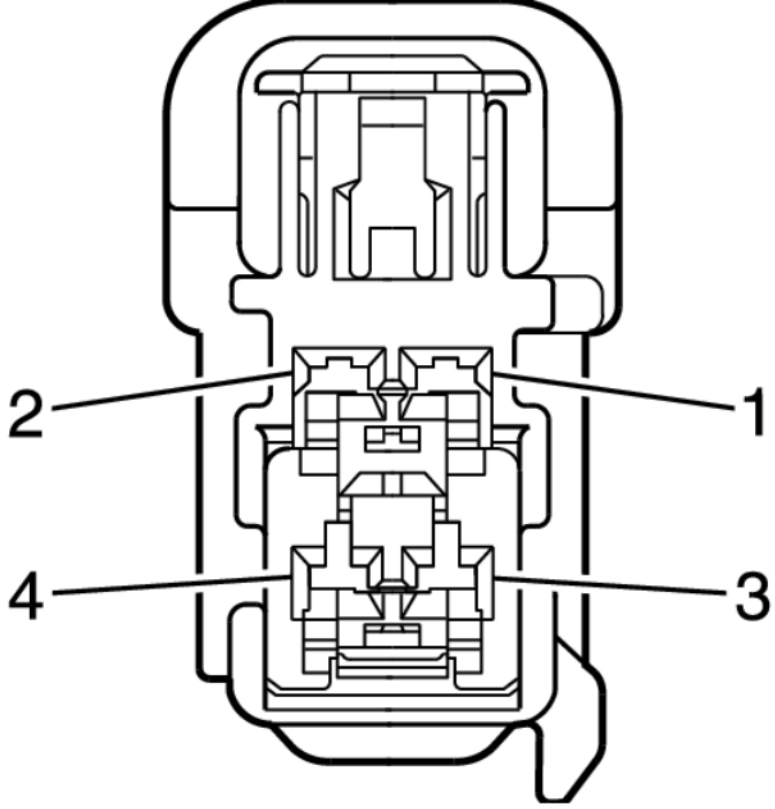
Terminal Part Information

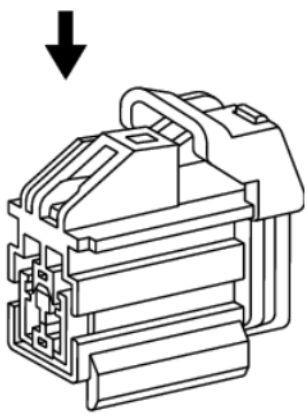
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	-	-	I	-
2	-	RD	-	-	I	-
3	-	WH	-	-	I	-
4	-	BK	-	-	I	-

P19AA SPEAKER - RIGHT SUBWOOFER X2 (UQH)

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Connector Part Information

- Harness Type: Right Subwoofer Speaker
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

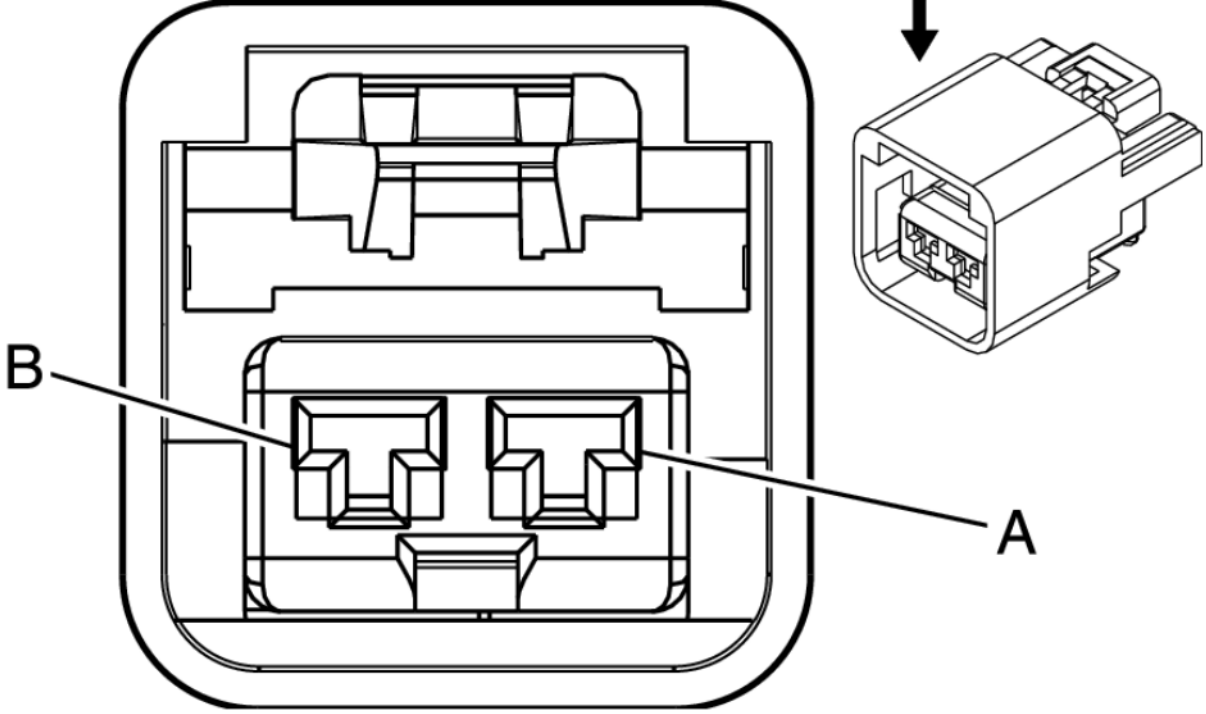
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	-	-	I	-
2	-	RD	-	-	I	-
3	-	WH	-	-	I	-
4	-	BK	-	-	I	-

P19AC SPEAKER - SUBWOOFER

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Connector Part Information

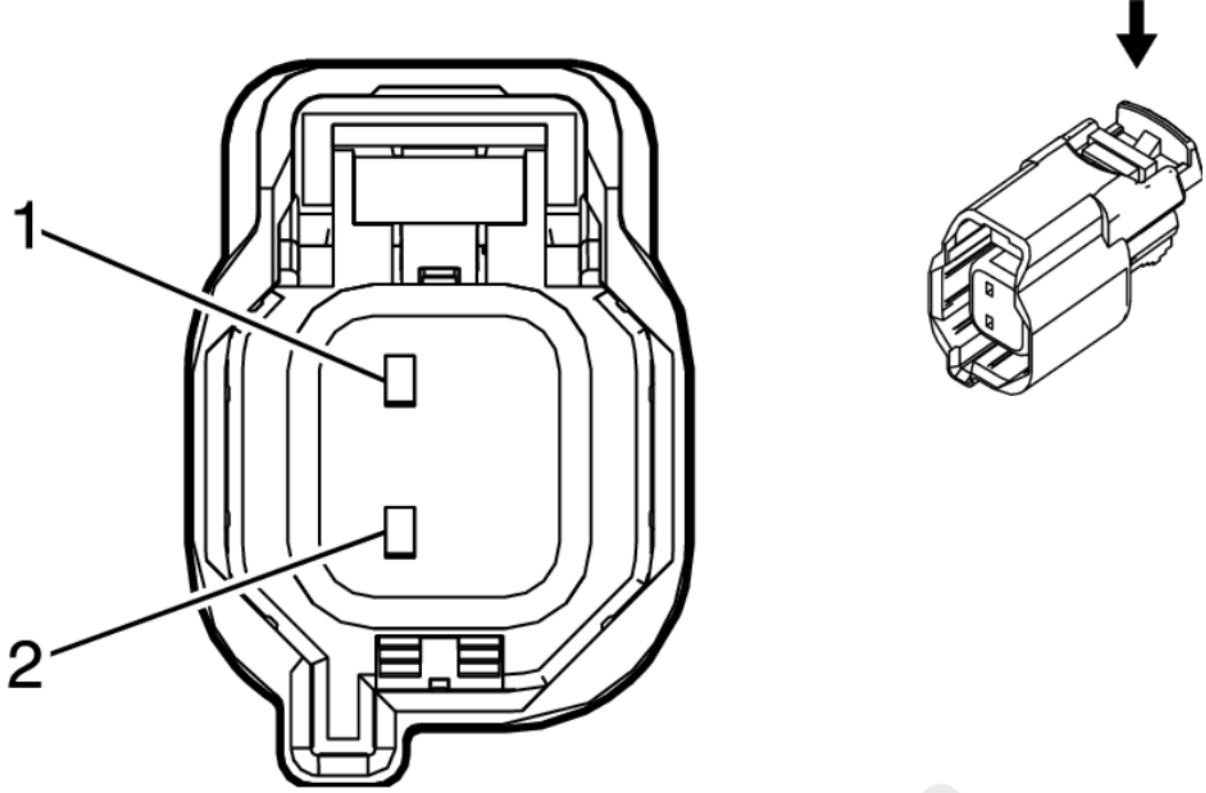
- Harness Type: Body
- OEM Connector: 15326870
- Service Connector: 13587185
- Description: 2-Way F 280 GT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1 2	GN/BK GN/BK	1794 1794	Left/Rear Subwoofer Speaker (-) Low Reference Left/Rear Subwoofer Speaker (-) Low Reference	I I	UQA/UQS UQH
B	1 2	BU/GY BU/GY	346 346	Left/Rear Subwoofer Speaker Control (+) Left/Rear Subwoofer Speaker Control (+)	I I	UQA/UQS UQH

P19AG SPEAKER - LEFT FRONT DOOR (UQA/UQS)



Connector Part Information

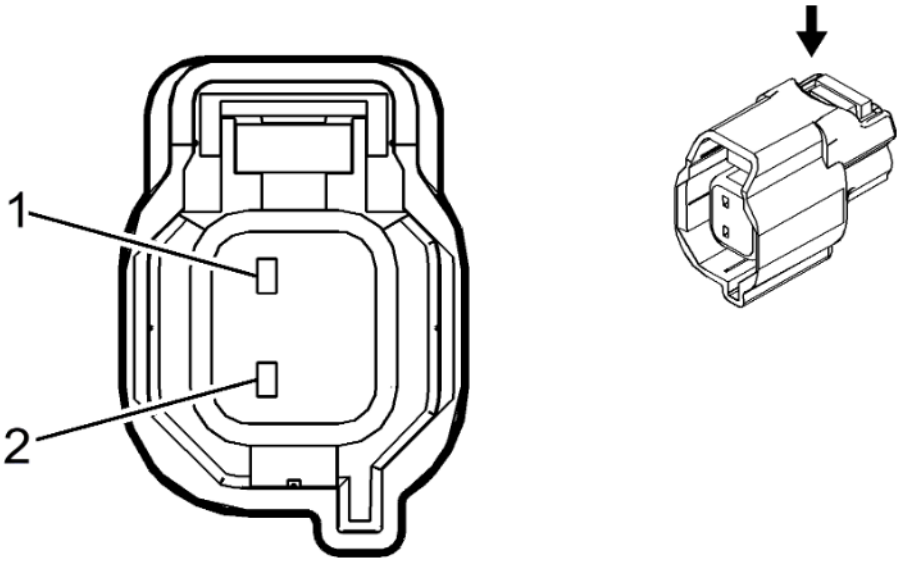
- Harness Type: Driver Door
- OEM Connector: 15540141
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	-

P19AG SPEAKER - LEFT FRONT DOOR (UQH)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

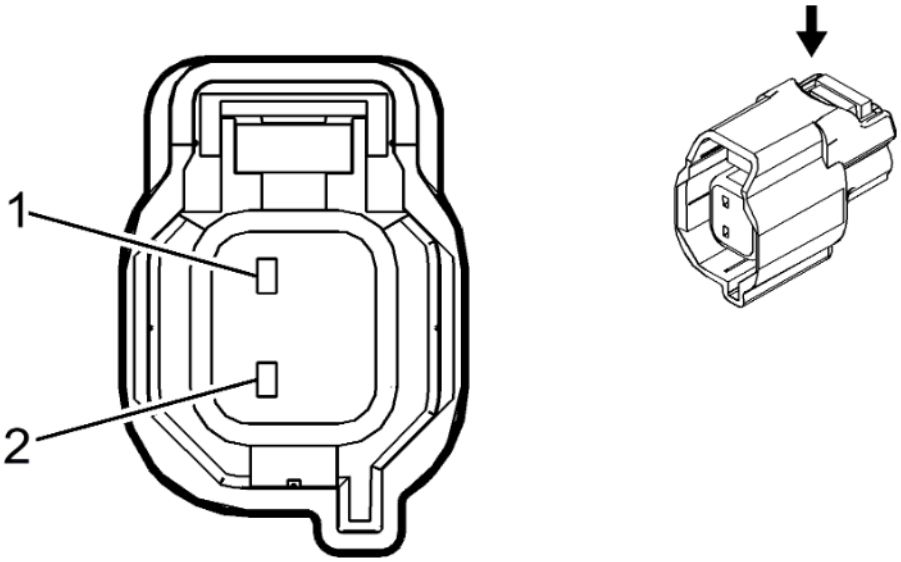
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQA/UQS)

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

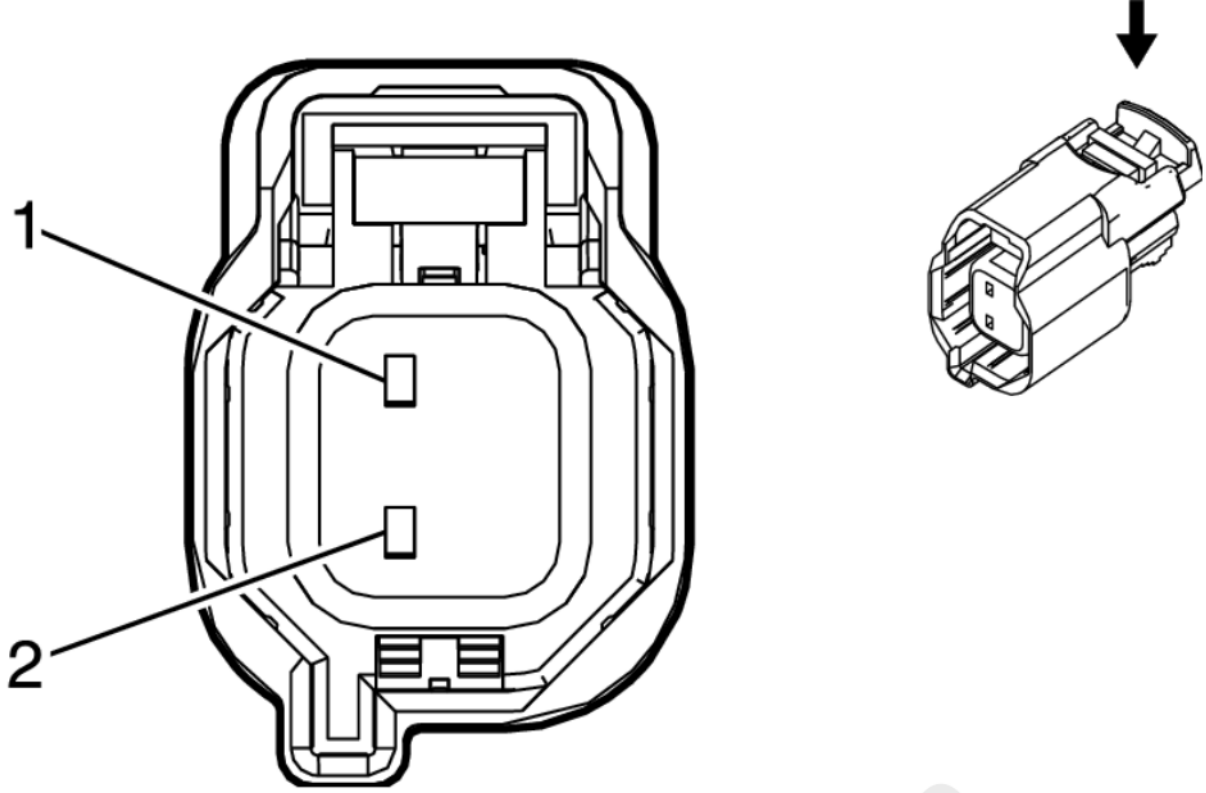
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQH)

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 15540141
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

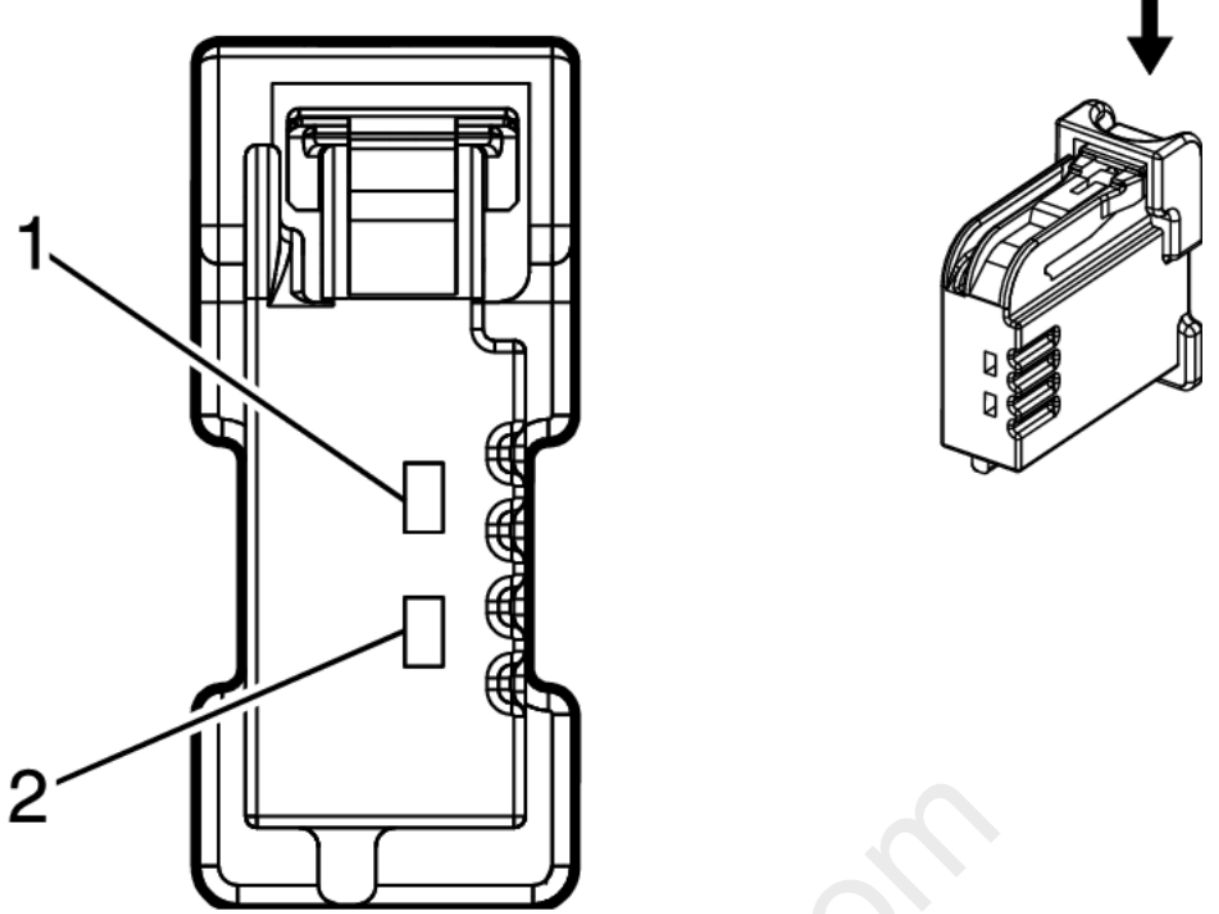
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	-

P19AJ SPEAKER - LEFT REAR WINDOW SHELF (UQH/UQS)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

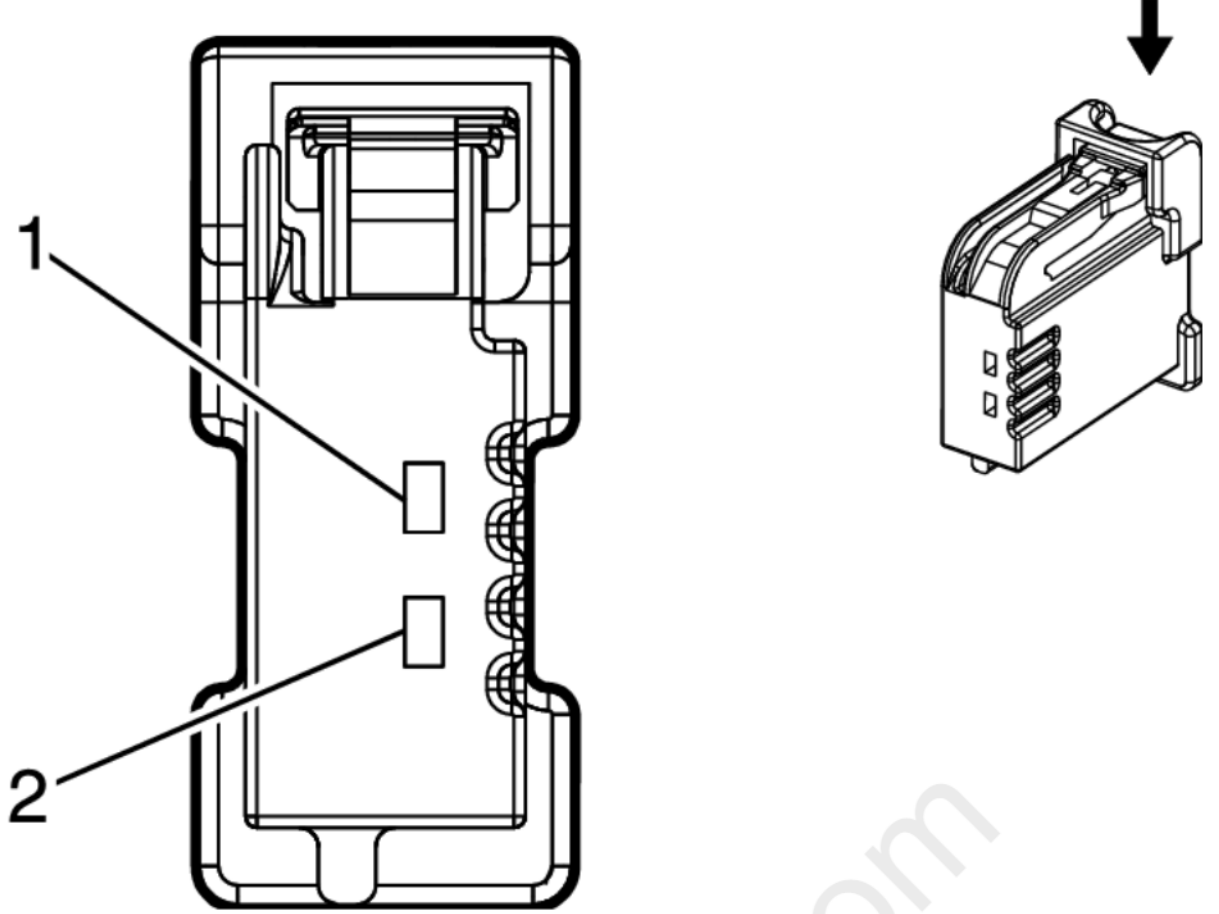
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	-
2	0.5	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	-

P19AK SPEAKER - RIGHT REAR WINDOW SHELF (UQH/UQS)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

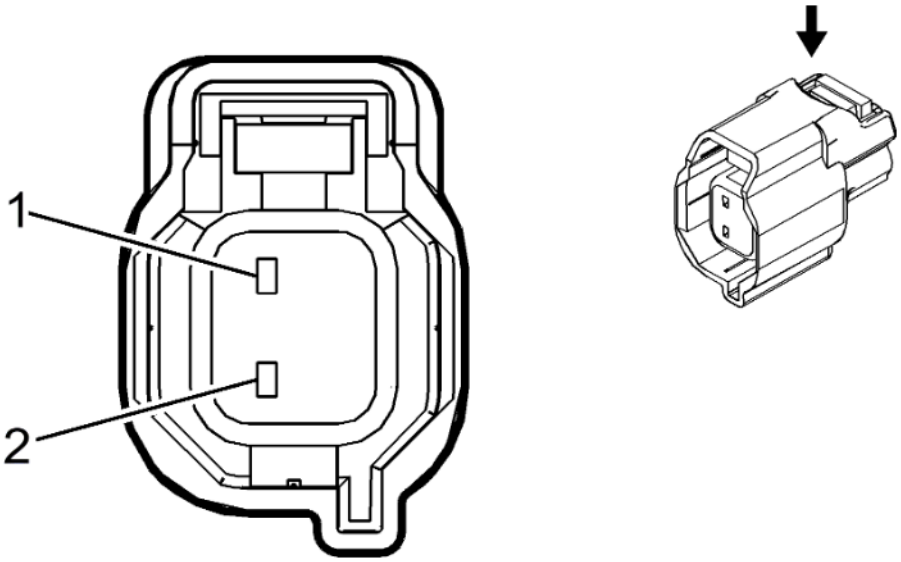
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.5	GY/BU GY/BU	1955 1955	Right Rear Midrange Speaker (-) Low Reference Right Rear Midrange Speaker (-) Low Reference	I I	UQH UQS
2	0.75 0.5	YE/GN YE/GN	1855 1855	Right Rear Midrange Speaker Control (+) Right Rear Midrange Speaker Control (+)	I I	UQH UQS

P19AL SPEAKER - LEFT REAR DOOR (UQA/UQS)

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Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

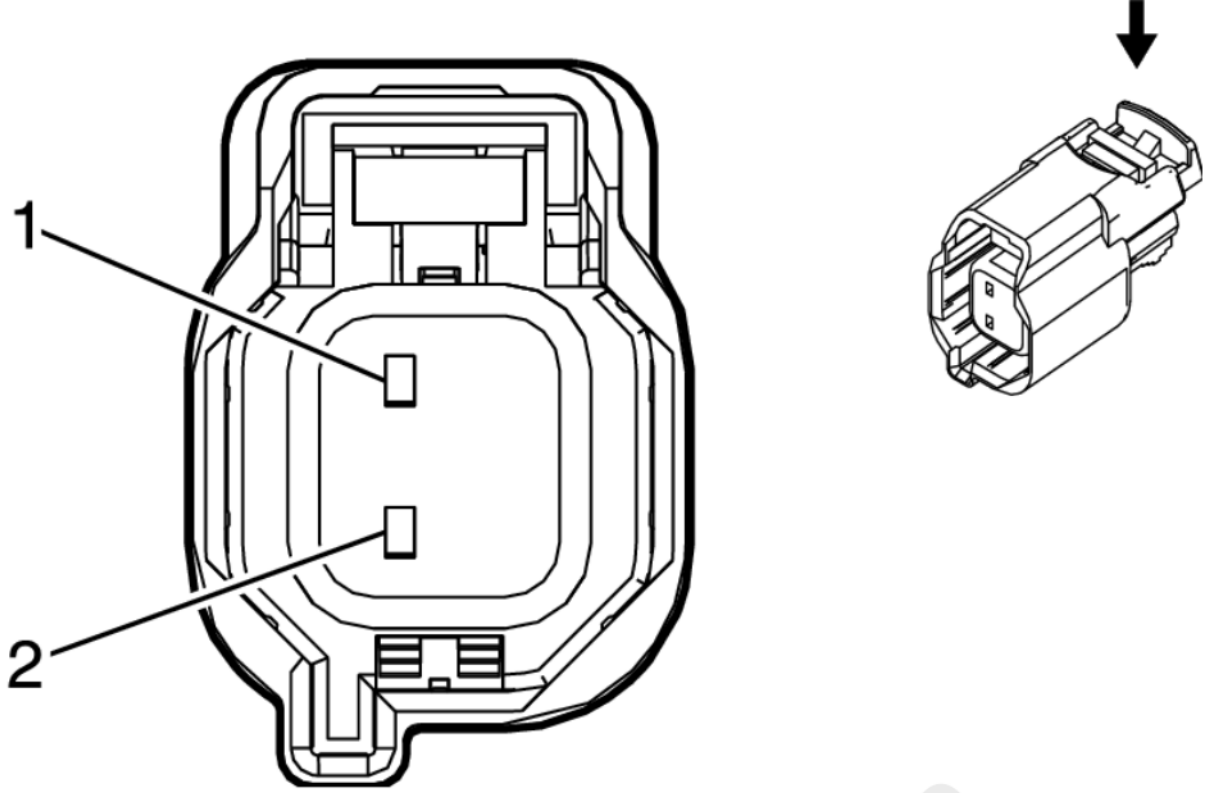
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	0.5	GN	199	Left Rear Speaker Control (+)	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQH)

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Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 15540141
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

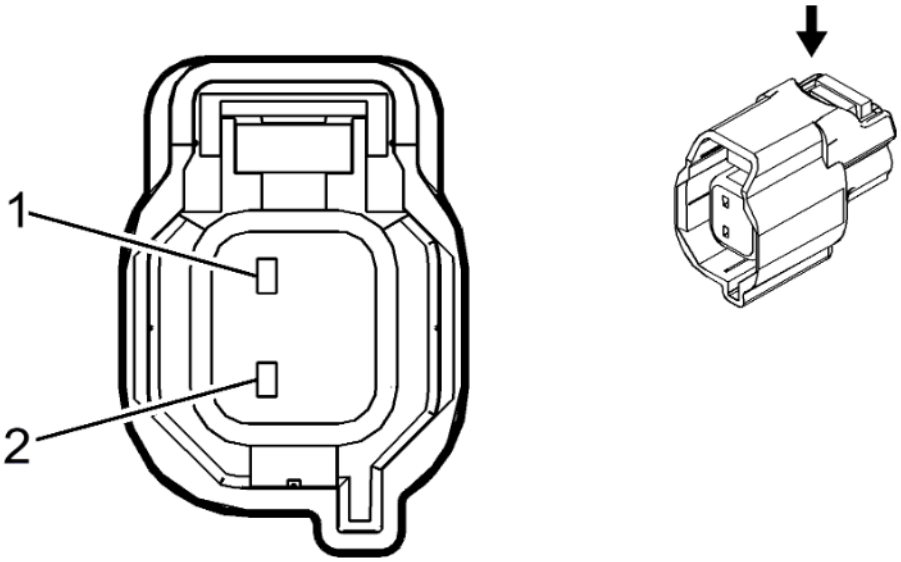
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	0.75	GN	199	Left Rear Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQA/UQS)

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

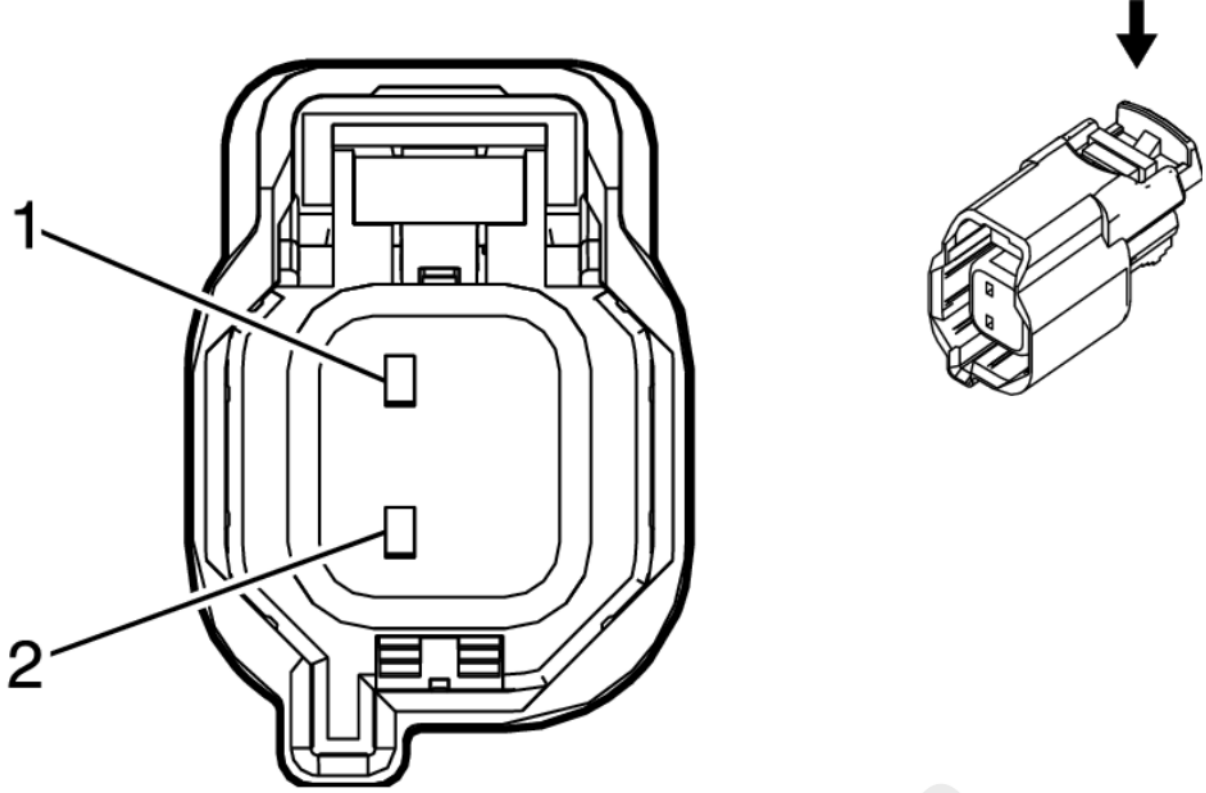
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/BK	115	Right Rear Speaker Signal (-)	I	-
2	0.5	WH	46	Right Rear Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQH)

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 15540141
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

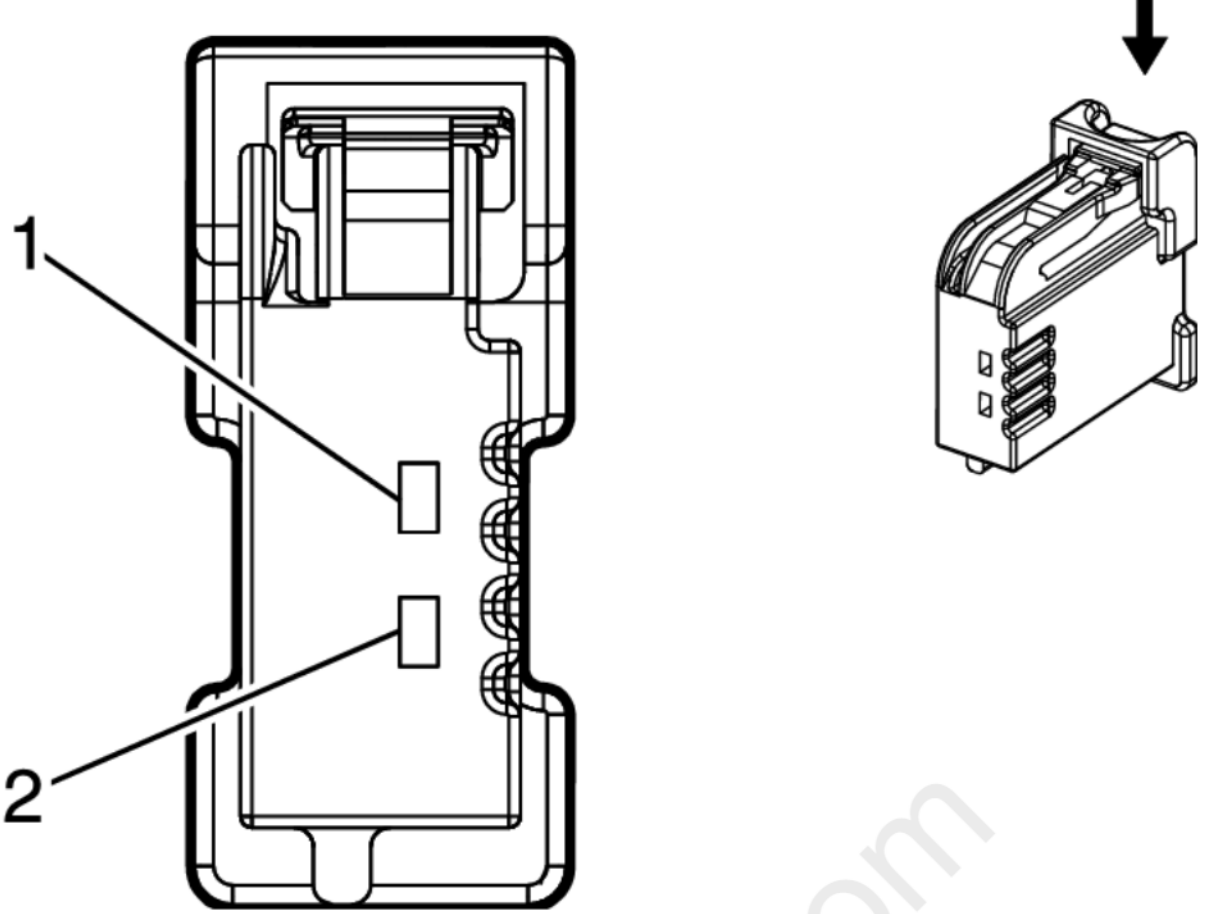
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
2	0.75	WH	46	Right Rear Speaker Control (+)	I	-

P19B SPEAKER - CENTER INSTRUMENT PANEL (UQA/UQS)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

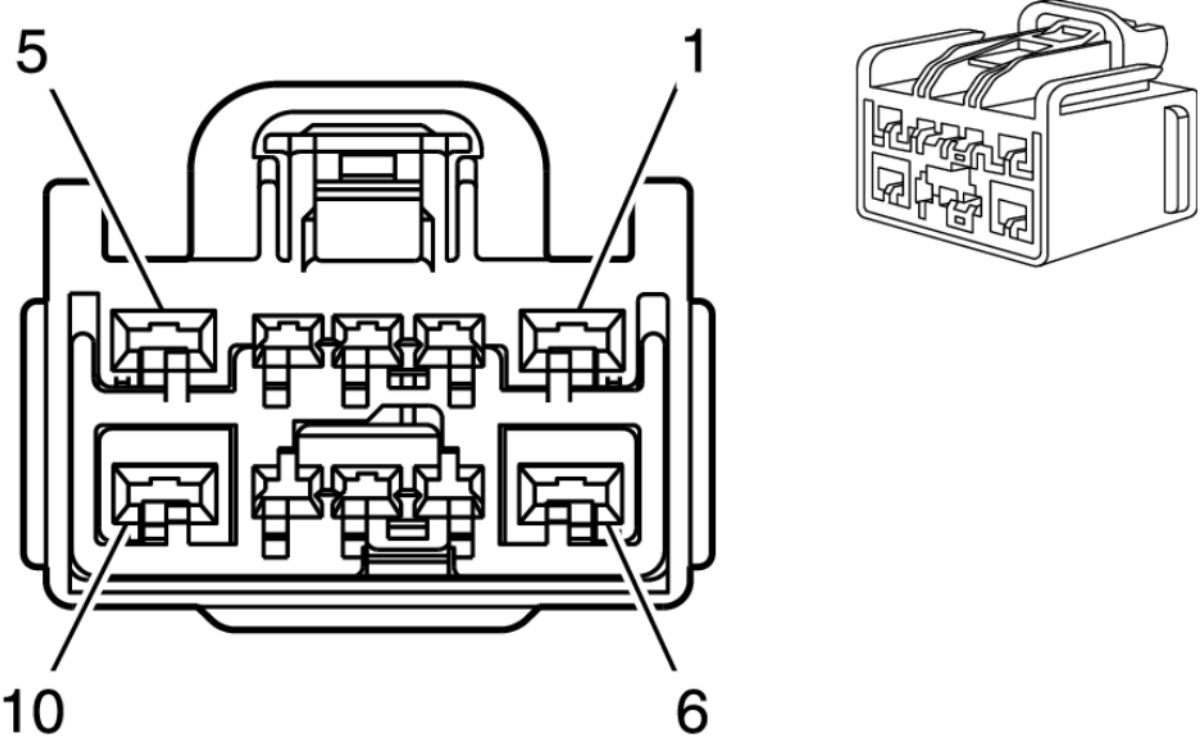
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
2	0.5	YE/WH	1860	Front Center Speaker Control (+)	I	-

P19B SPEAKER - CENTER INSTRUMENT PANEL (UQH)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13506592
- Service Connector: 19167677
- Description: 10-Way F 1.5, 2.8 Kaizen Series (L-GY)

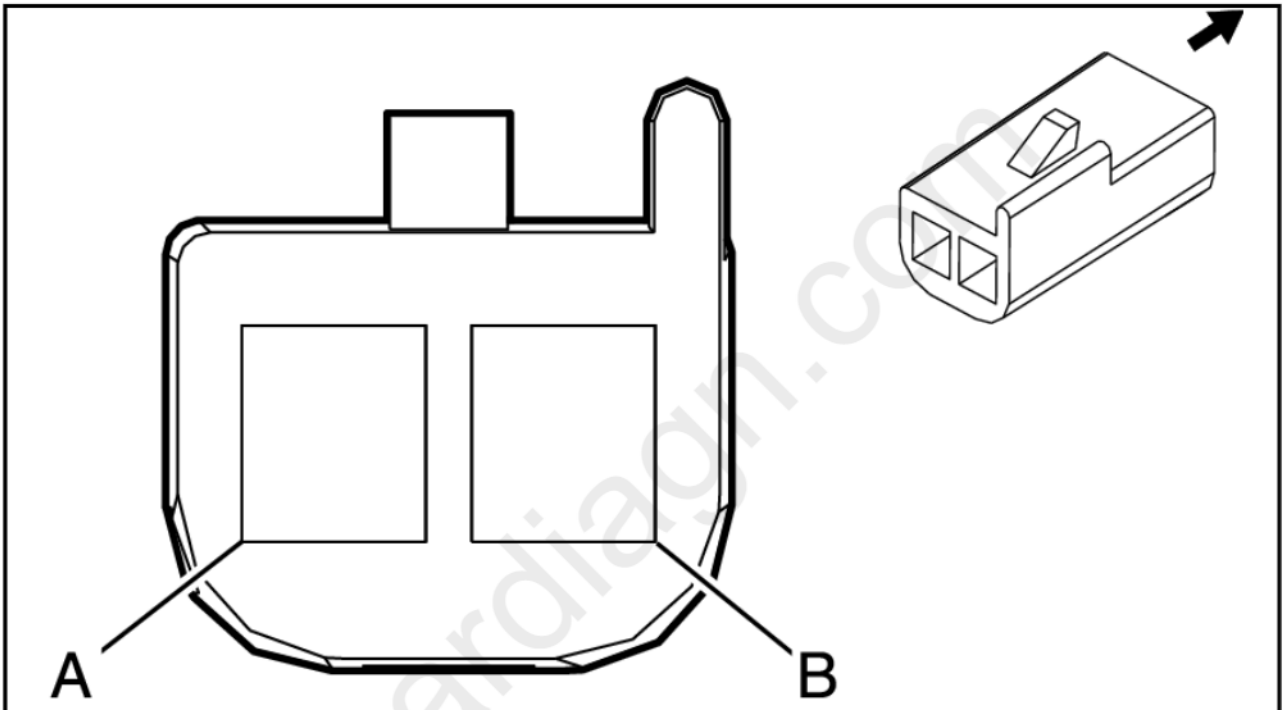
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575543	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575544	J-35616-35 (VT)	J-38125-12A	1326030-6	Lear 17	E	2
III	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	19333307	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/WH	1860	Front Center Speaker Control (+)	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/BU	3728	Center Speaker Output Motor Move Direction Signal	III	-
4	0.35	WH/BN	3729	Center Speaker Output Motor Speed Signal	III	-
5	0.5	RD/VT	4640	Battery Positive Voltage	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	1.5	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
7	0.35	WH/YE	3731	Center Speaker Limit Switch Up Signal	III	-
8	0.35	VT/WH	3730	Center Speaker Limit Switch Down Signal	III	-
9	0.35	GY/BU	3727	Center Speaker Input Motor Diagnostic Signal	III	-
10	0.5	BK	1450	Ground	IV	-

P19C SPEAKER - DRIVER SEAT LEFT (UQH)



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

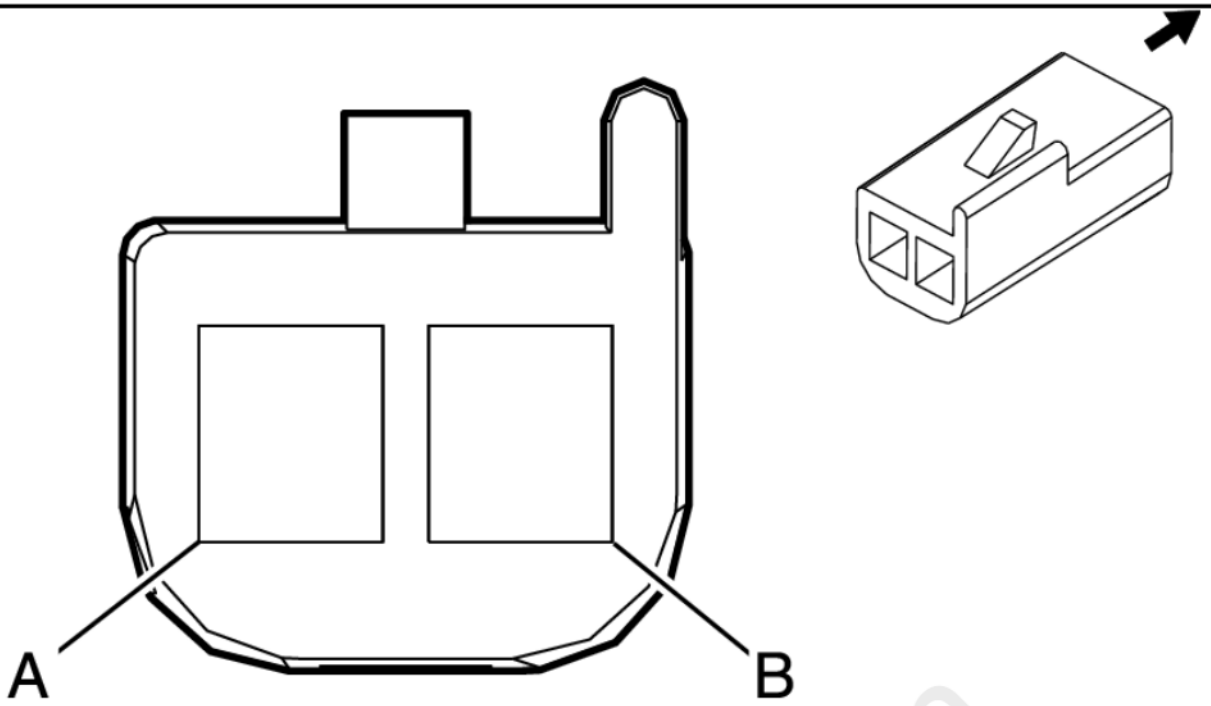
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	GN/VT	5757	Left Front Seat Left Speaker Control (+)	I	-
B	0.75	GN/GY	5767	Left Front Seat Left Speaker (-) Low Reference	I	-

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P19D SPEAKER - DRIVER SEAT RIGHT (UQH)



Connector Part Information

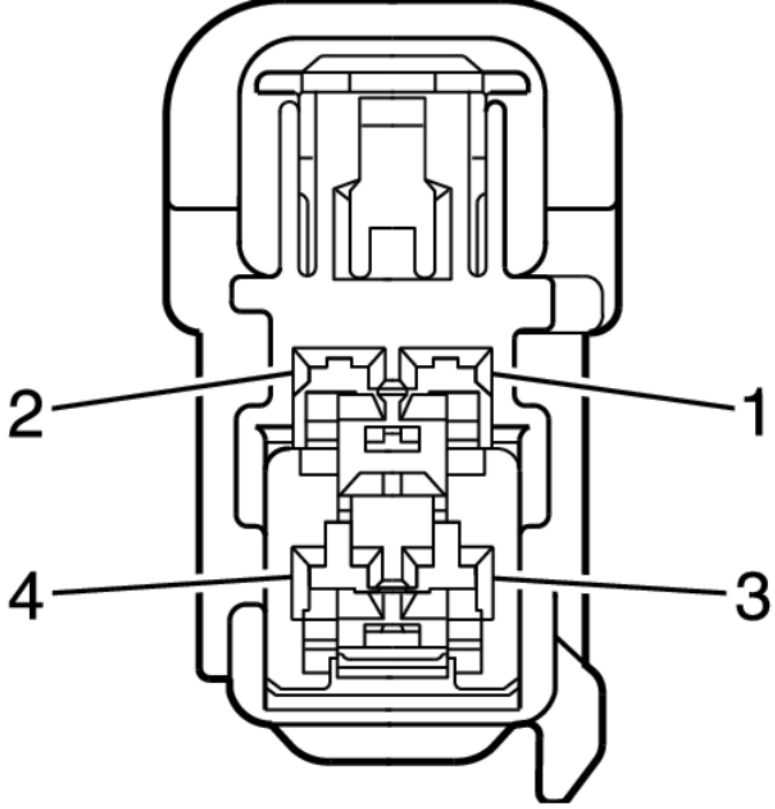
- Harness Type: Driver Seat Back
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

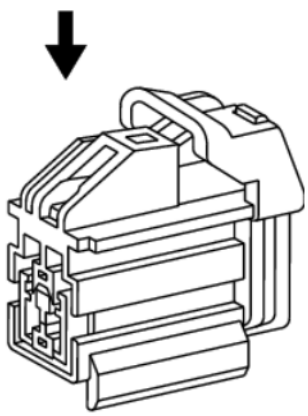
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	BN/GY	5758	Left Front Seat Right Speaker Control (+)	I	-
B	0.75	GY/BK	5768	Left Front Seat Right Speaker (-) Low Reference	I	-

P19H SPEAKER - LEFT FRONT TWEETER (UQH)





Connector Part Information

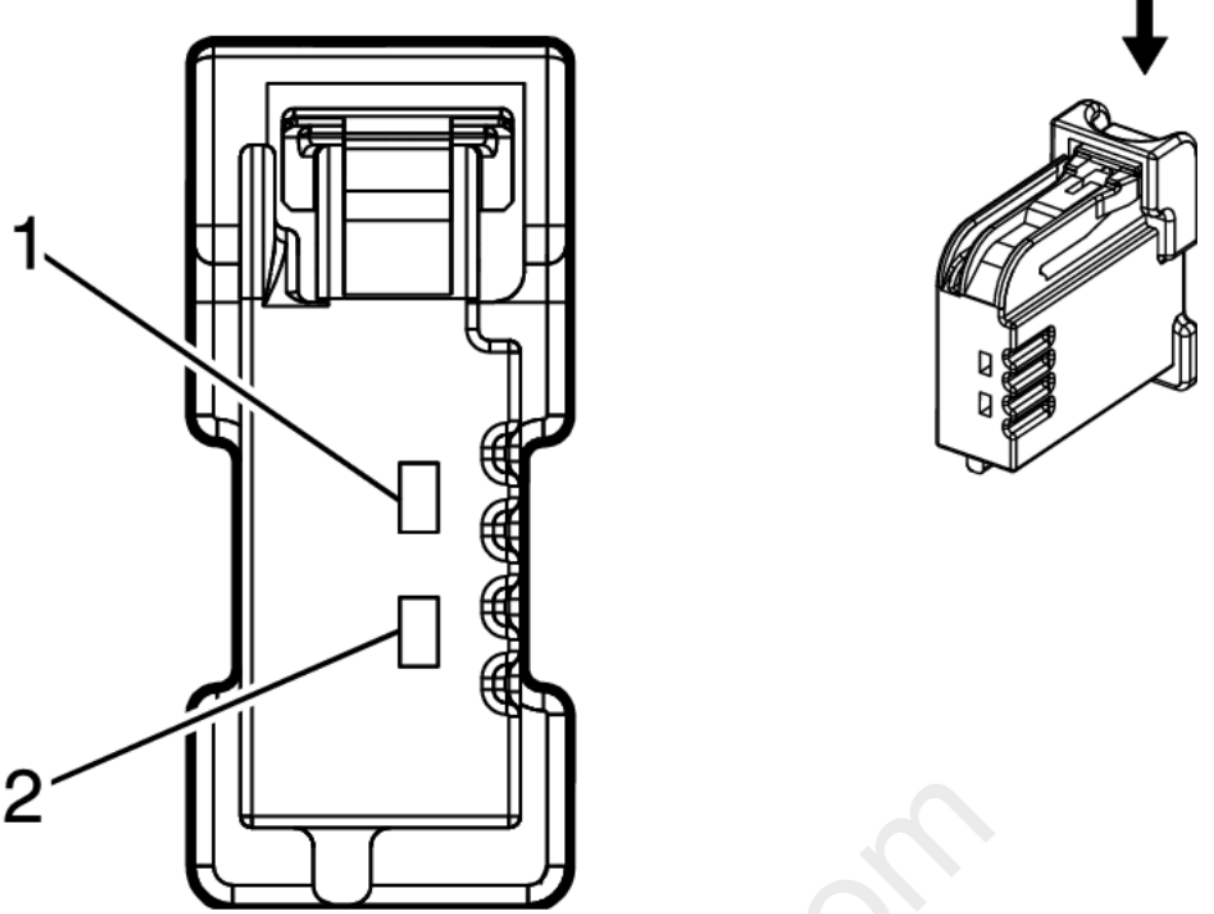
- Harness Type: Body
- OEM Connector: 10846820
- Service Connector: 88988452
- Description: 4-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	1	BU	201	Left Front Speaker Control (+) 1	I	-
3	0.5	BU/BN	1957	Left Front Midrange Speaker (-) Low Reference	I	-
4	0.5	BU/VT	1857	Left Front Midrange Speaker Control (+)	I	-

P19J SPEAKER - LEFT INSTRUMENT PANEL (UQA/UQS)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

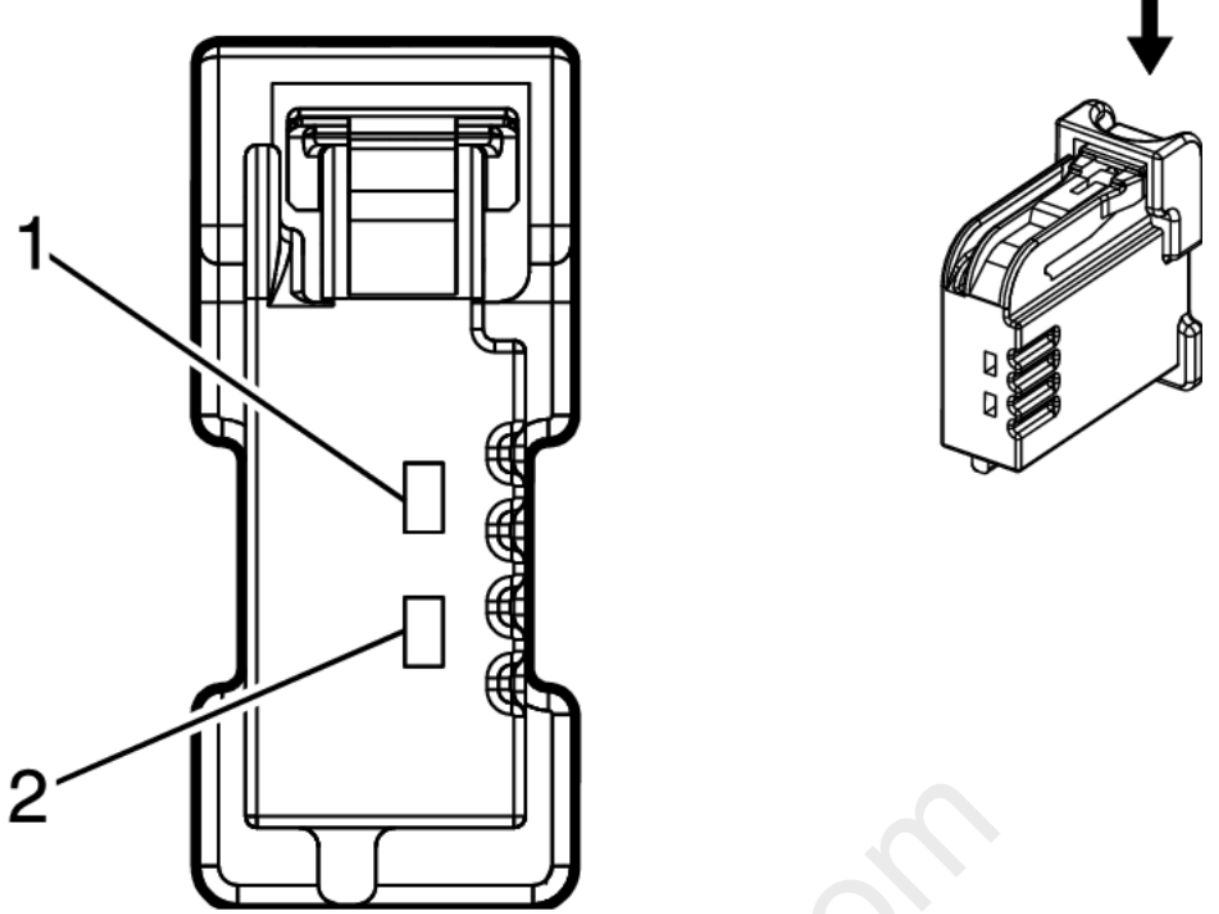
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BK	1974	Left Front Speaker (-) 2 Low Reference	I	-
2	0.5	BU/VT	1874	Left Front Speaker Control (+) 2	I	-

P19J SPEAKER - LEFT INSTRUMENT PANEL (UQH)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

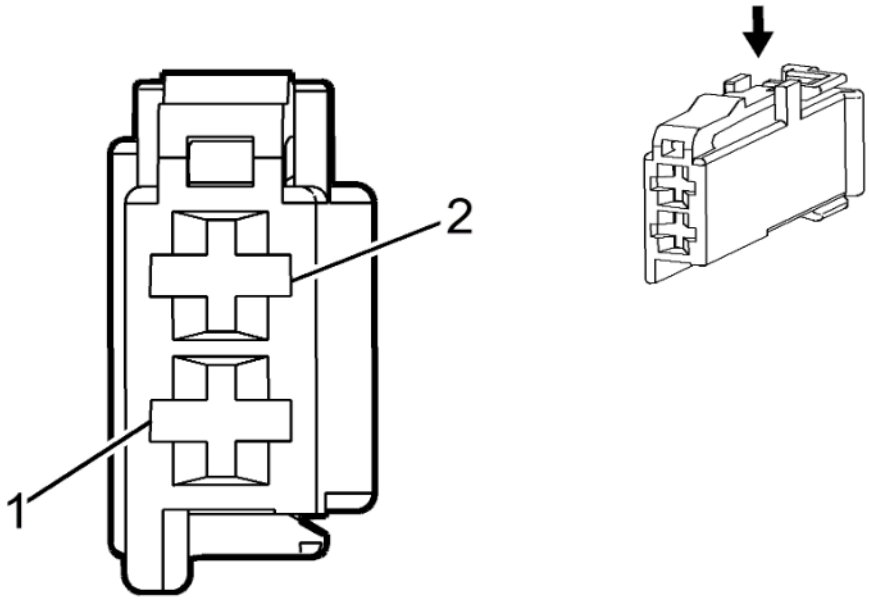
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/GY	1956	Left Front Tweeter Speaker (-) Low Reference	I	-
2	0.5	YE/BU	1856	Left Front Tweeter Speaker Control (+)	I	-

P19M SPEAKER - LEFT REAR TWEETER (UQH)

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Connector Part Information

- Harness Type: Left Rear Door Trim
- OEM Connector: 13967105
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Micro-Timer Series (GY)

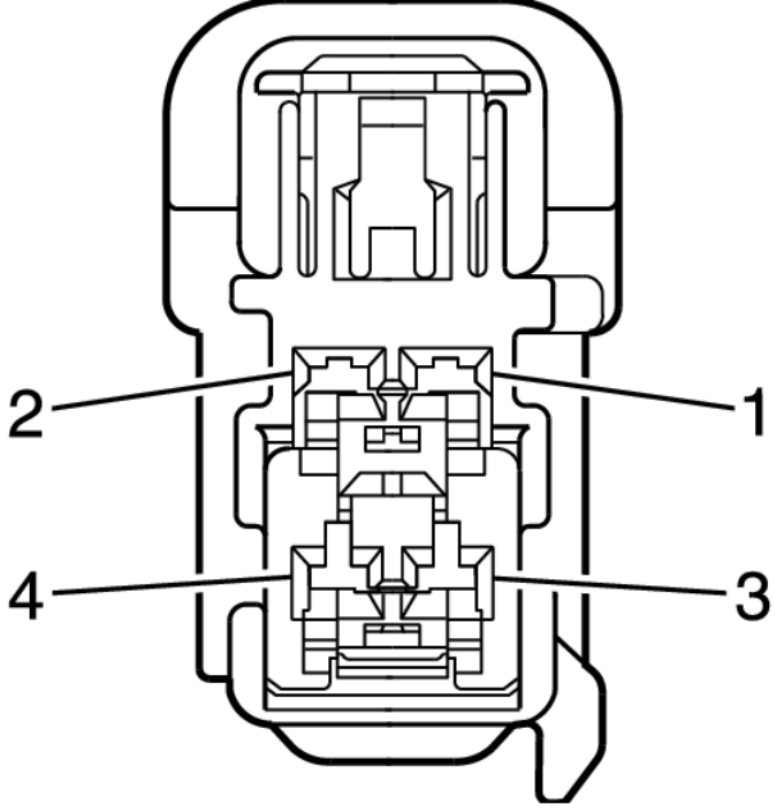
Terminal Part Information

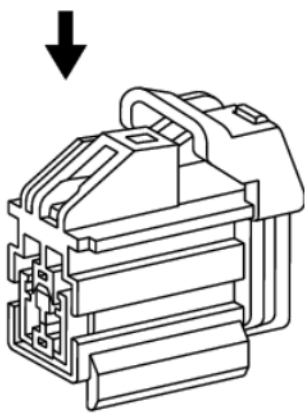
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	D-GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	0.75	D-GN	199	Left Rear Speaker Control (+)	I	-

P19N SPEAKER - LEFT SUBWOOFER X1 (UQH)

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Connector Part Information

- Harness Type: Left Subwoofer Speaker
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

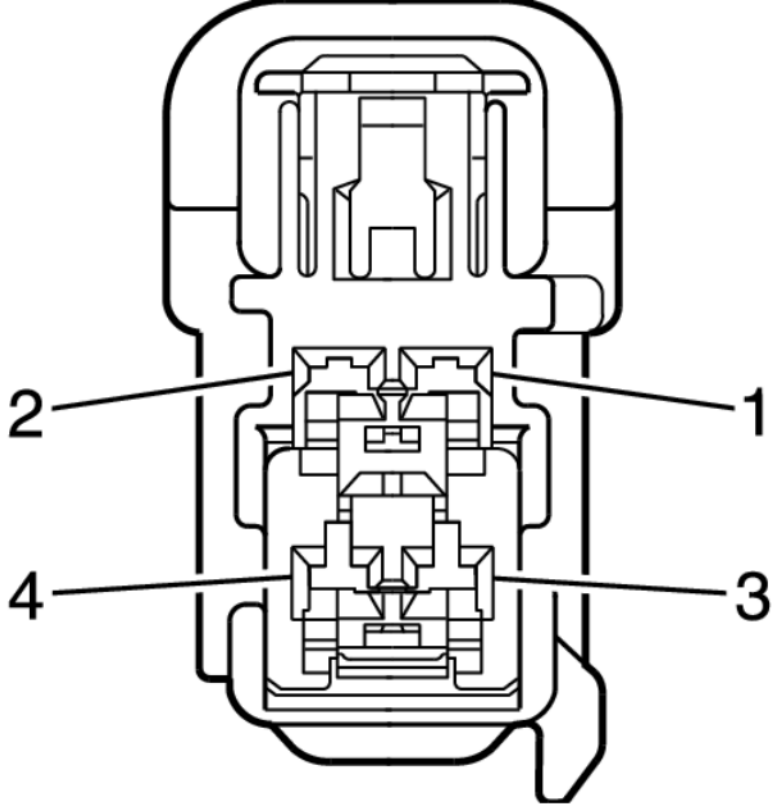
Terminal Part Information

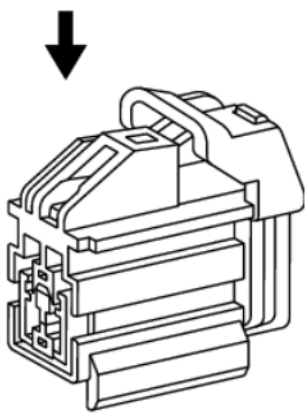
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	-	-	I	-
2	-	RD	-	-	I	-
3	-	WH	-	-	I	-
4	-	BK	-	-	I	-

P19N SPEAKER - LEFT SUBWOOFER X2 (UQH)

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Connector Part Information

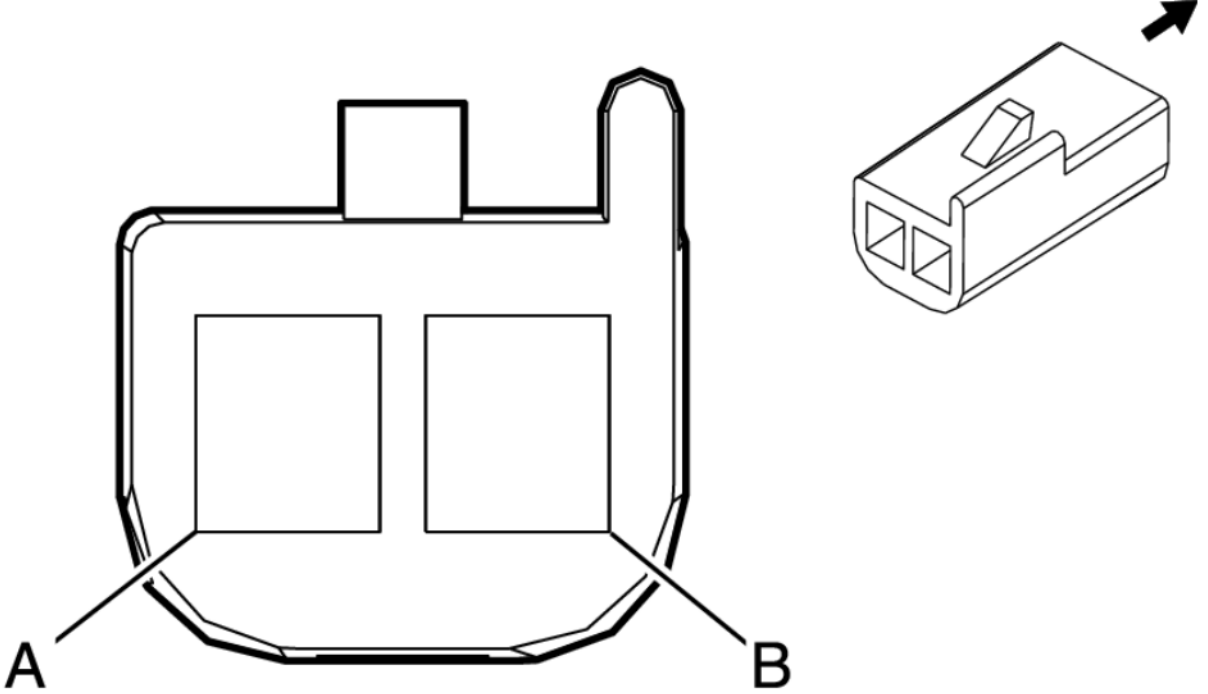
- Harness Type: Left Subwoofer Speaker
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	-	-	I	-
2	-	RD	-	-	I	-
3	-	WH	-	-	I	-
4	-	BK	-	-	I	-

P19Q SPEAKER - PASSENGER SEAT LEFT (UQH)



Connector Part Information

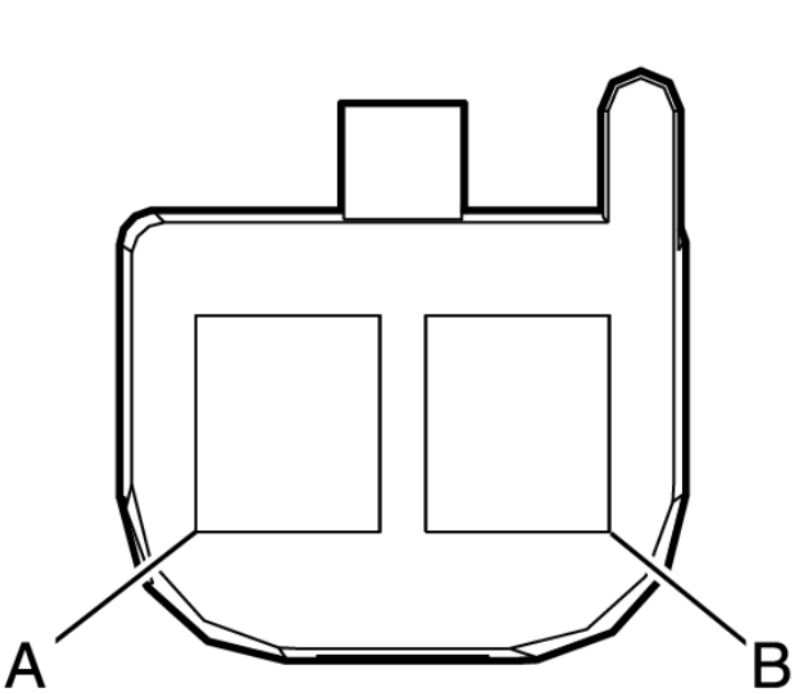
- Harness Type: Passenger Seat Back
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

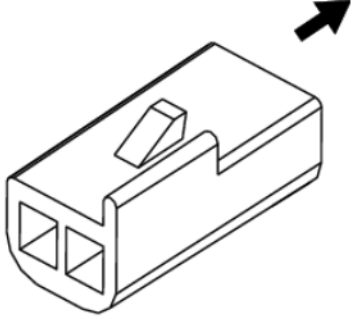
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	GY/YE	5759	Right Front Seat Left Speaker Control (+)	I	-
B	0.75	YE/BK	5769	Right Front Seat Left Speaker (-) Low Reference	I	-

P19R SPEAKER - PASSENGER SEAT RIGHT (UQH)





Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

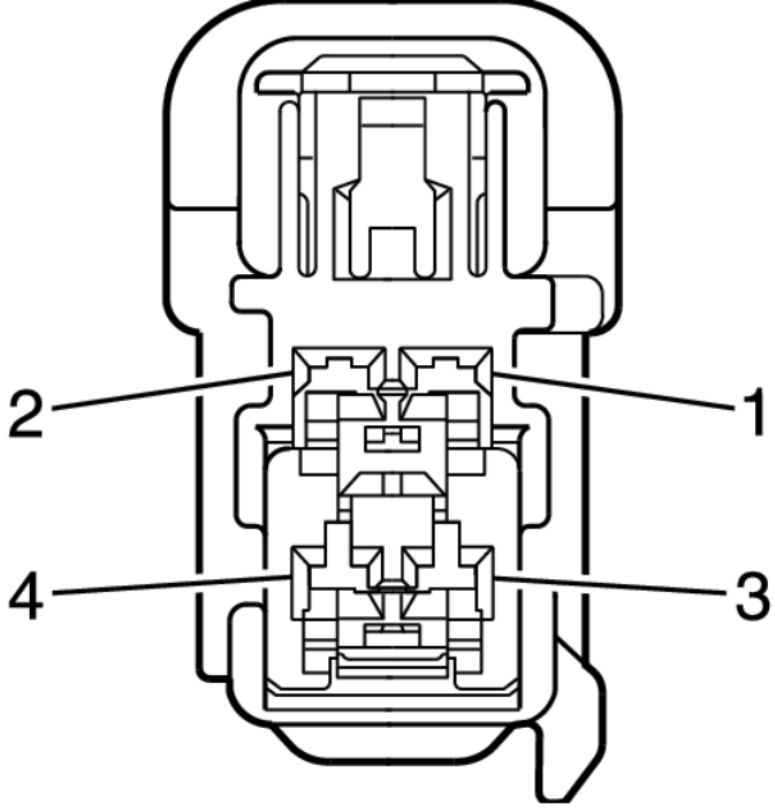
Terminal Part Information

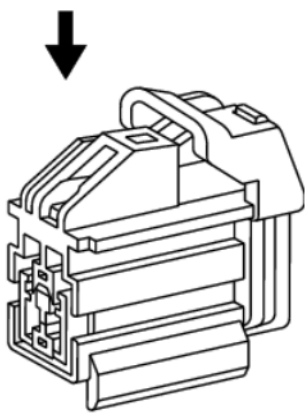
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	YE/GN	5760	Right Front Seat Right Speaker Control (+)	I	-
B	0.75	GN/BK	5770	Right Front Seat Right Speaker (-) Low Reference	I	-

P19V SPEAKER - RIGHT FRONT TWEETER (UQH)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846820
- Service Connector: 88988452
- Description: 4-Way F YESC Kaizen Series (L-GY)

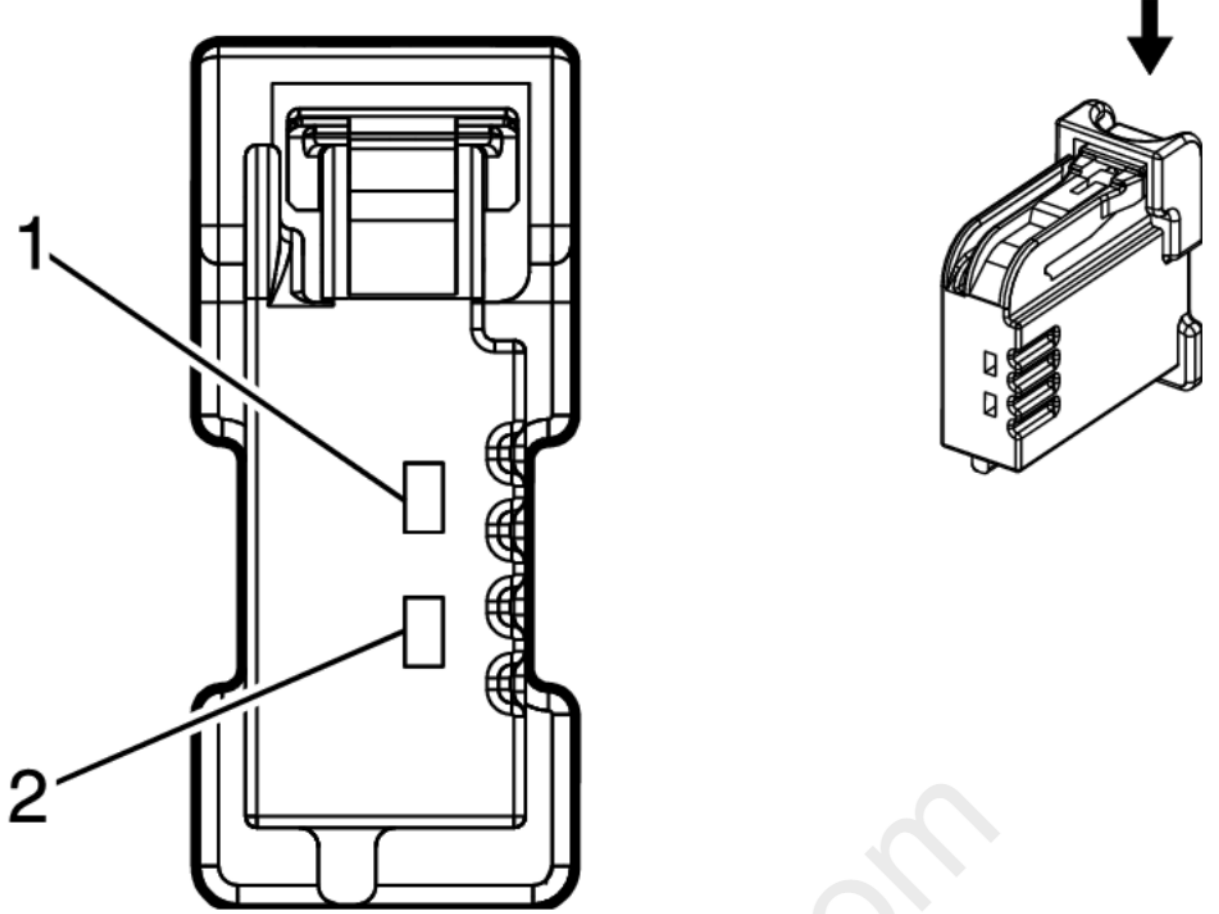
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	1	YE	200	Right Front Speaker Control (+) 1	I	-
3	0.5	BN/BK	1953	Right Front Midrange Speaker (-) Low Reference	I	-
4	0.5	WH/YE	1853	Right Front Midrange Speaker Control (+)	I	-

P19W SPEAKER - RIGHT INSTRUMENT PANEL (UQA/UQS)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

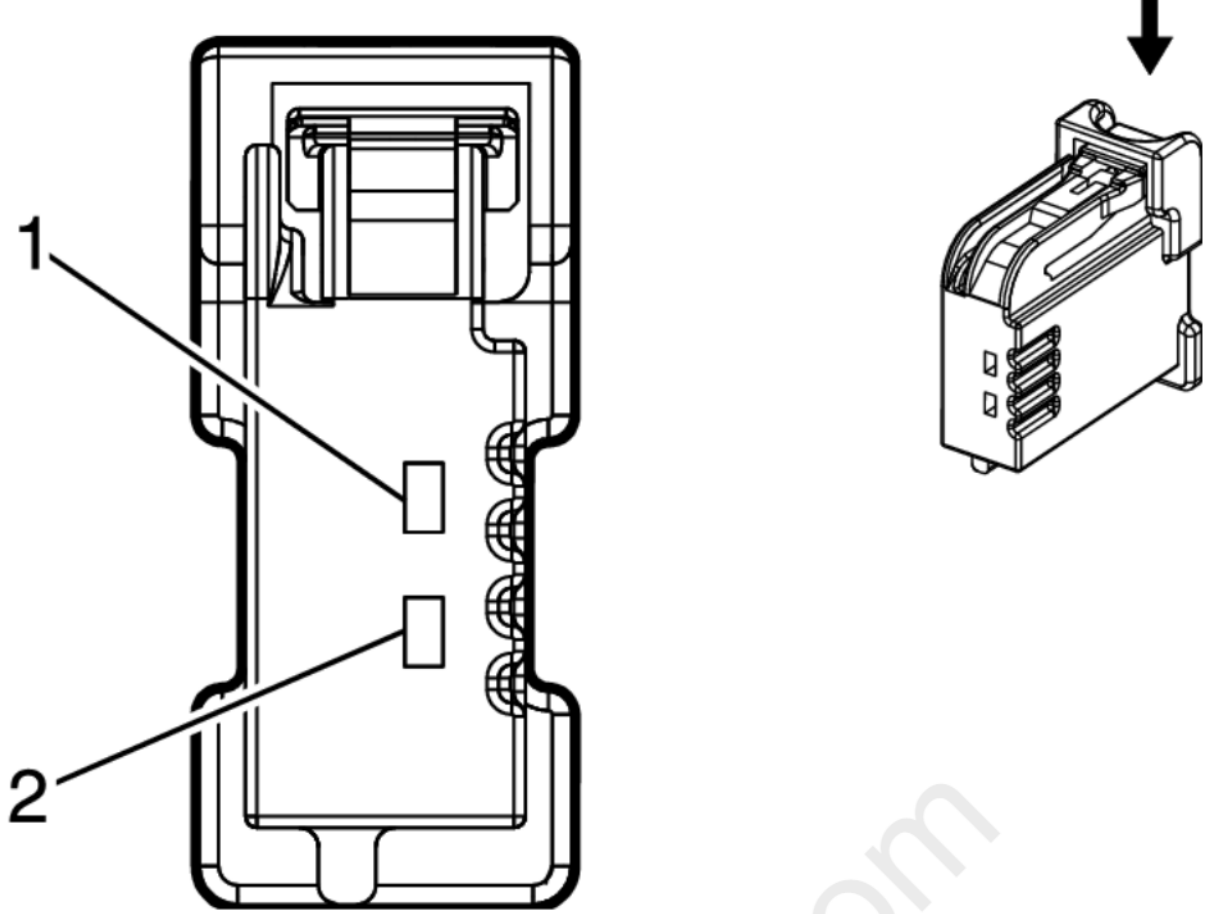
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/BK	1975	Right Front Speaker (-) 2 Low Reference	I	-
2	0.5	GN/BU	1875	Right Front Speaker Control (+) 2	I	-

P19W SPEAKER - RIGHT INSTRUMENT PANEL (UQH)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

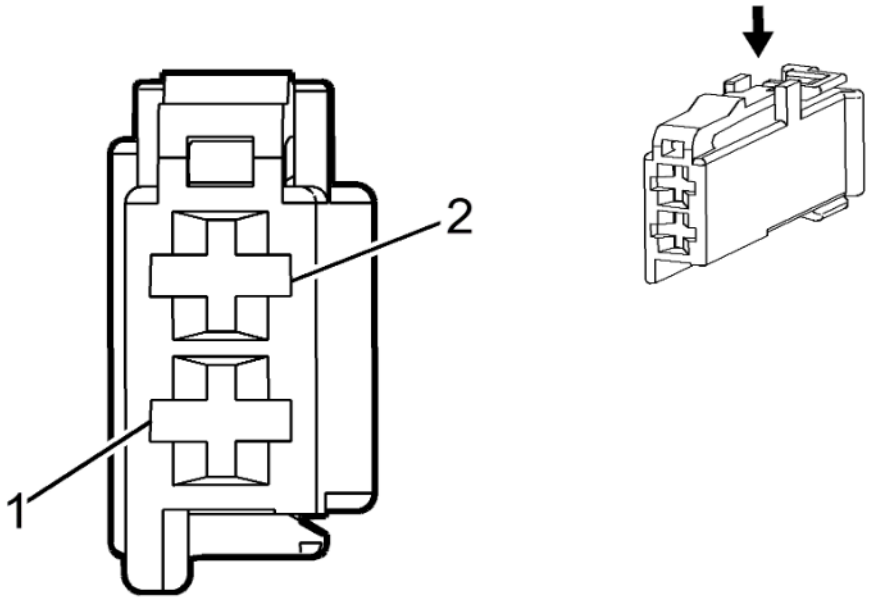
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/BN	1952	Right Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	BN/GN	1852	Right Front Tweeter Speaker Control (+)	I	-

P19Z SPEAKER - RIGHT REAR TWEETER (UQH)

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Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13967105
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Micro-Timer Series (GY)

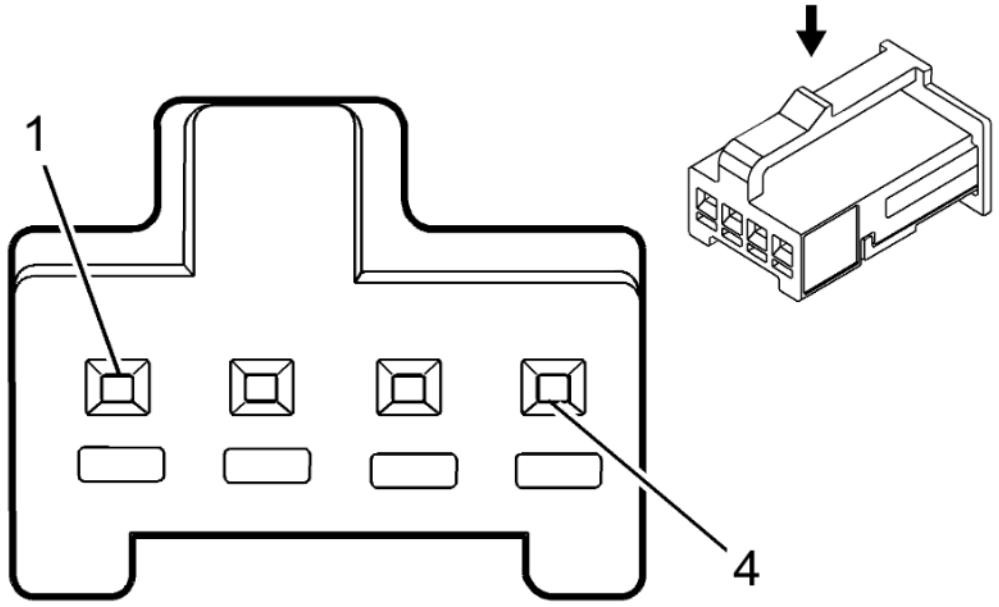
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
2	0.75	WH	46	Right Rear Speaker Control (+)	I	-

P22E VIDEO DISPLAY - DRIVER SEATBACK X1 (UWG)

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Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F (BK)

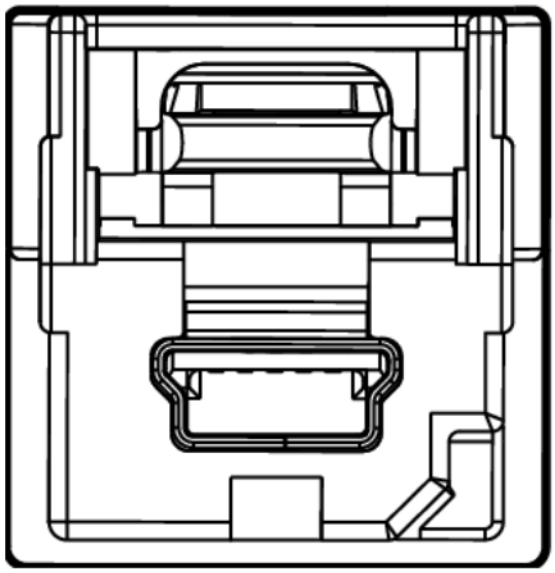
Terminal Part Information

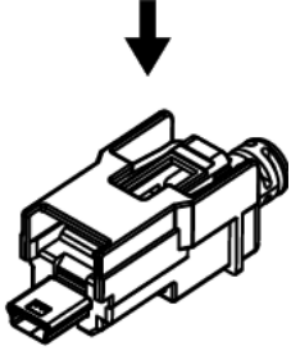
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/GY	4940	Battery Positive Voltage	I	-
2	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3	0.35	BK/WH	1851	Signal Ground	I	-
4	-	-	-	Not Occupied	-	-

P22E VIDEO DISPLAY - DRIVER SEATBACK X2 (UWG)

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Connector Part Information

- Harness Type: Driver Seatback LVDS
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

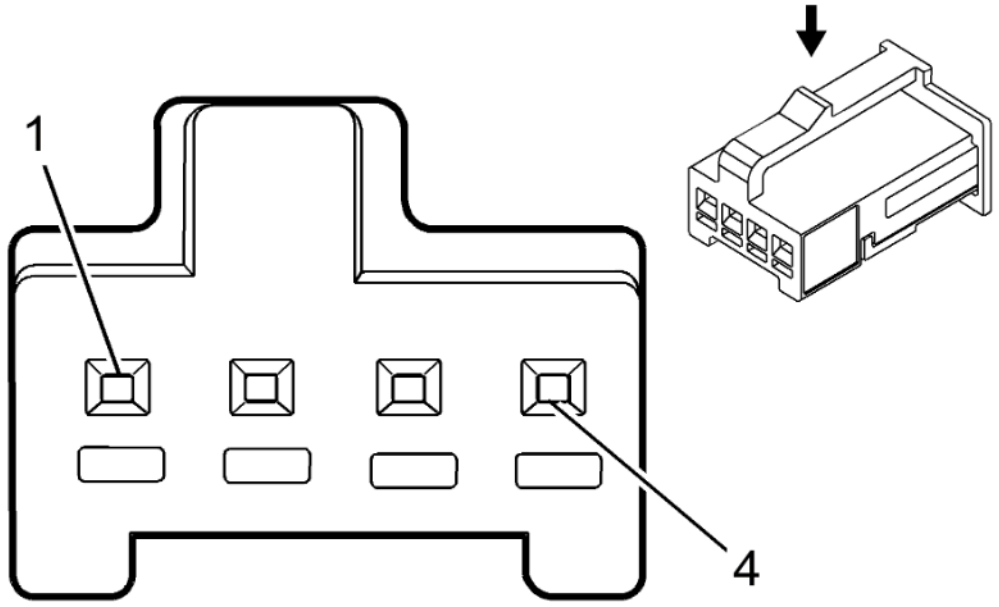
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

P22F VIDEO DISPLAY - PASSENGER SEATBACK X1 (UWG)

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Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F (BK)

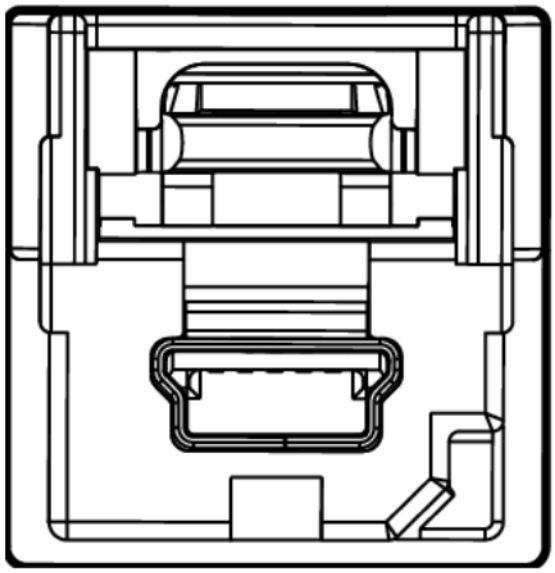
Terminal Part Information

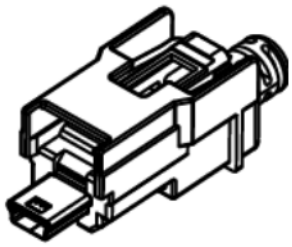
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/GY	4940	Battery Positive Voltage	I	-
2	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3	0.35	BK/WH	1851	Signal Ground	I	-
4	-	-	-	Not Occupied	-	-

P22F VIDEO DISPLAY - PASSENGER SEATBACK X2 (UWG)

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Connector Part Information

- Harness Type: Passenger Seatback LVDS
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

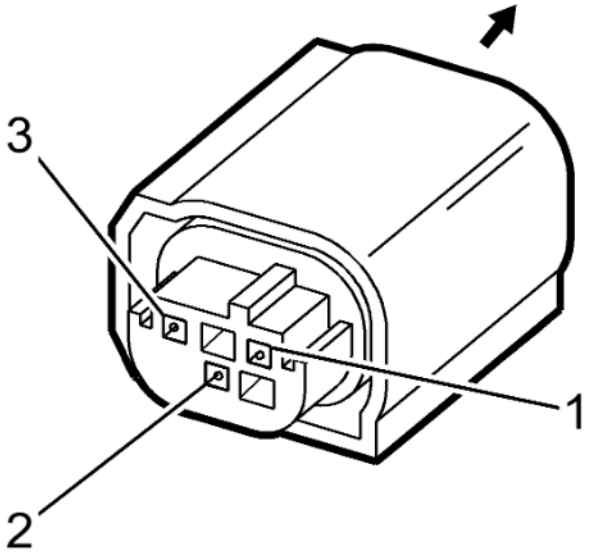
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

P25 POWER SOUNDER CONTENT THEFT DETERRENT ALARM MODULE (UTR+HP9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13679455
- Service Connector: 13580107
- Description: 3-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

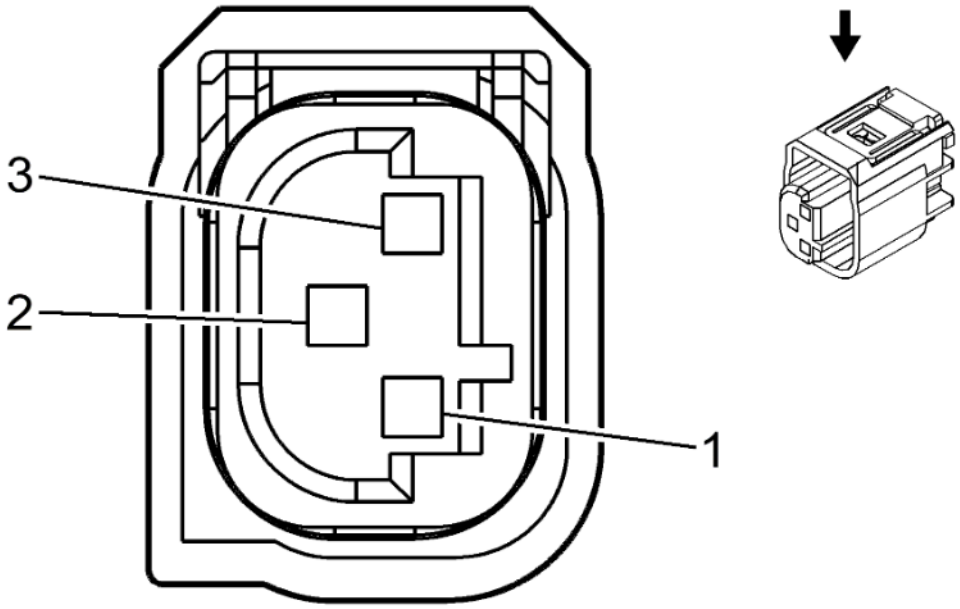
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	750	Ground	I	-
2	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
3	0.35	RD/BU	4540	Battery Positive Voltage	I	-

P25 POWER SOUNDER CONTENT THEFT DETERRENT ALARM MODULE (UTR+KL9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 15324398
- Service Connector: 13580107
- Description: 3-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

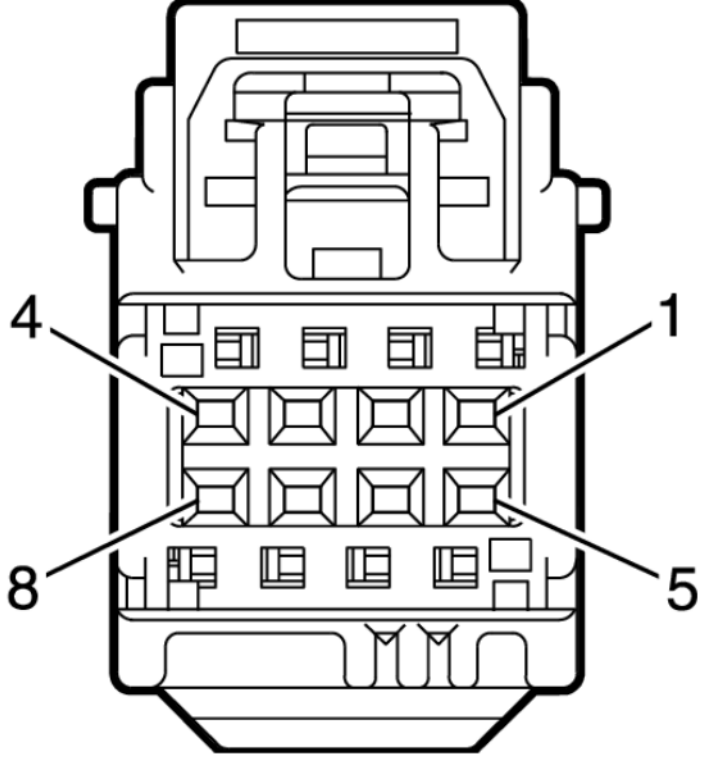
Terminal Part Information

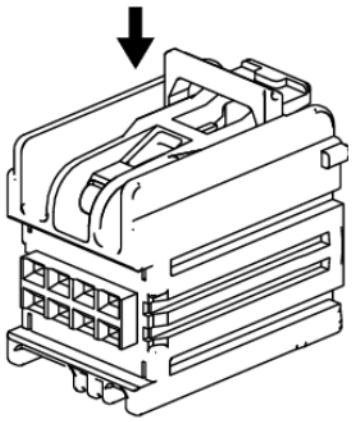
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	750	Ground	I	-
2	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
3	0.35	RD/BU	4540	Battery Positive Voltage	I	-

P29 HEAD-UP DISPLAY X1 (UV6)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13518475
- Service Connector: 13576542
- Description: 8-Way F YESC Kaizen Series (BK)

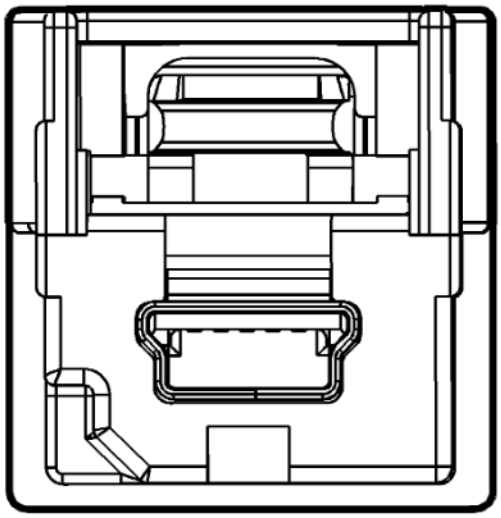
Terminal Part Information

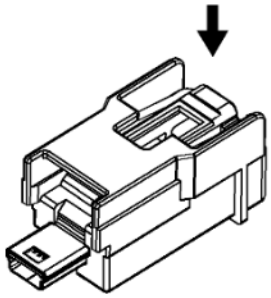
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
2	-	-	-	Not Occupied	-	-
3	0.13	YE	622	Head Up Display Switch Signal	I	-
4	0.35	BK	1350	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/BU	3240	Battery Positive Voltage	I	-
7	-	-	-	Not Occupied	-	-
8	0.13	BK	5699	Head Up Display Switch Low Reference	I	-

P29 HEAD-UP DISPLAY X2 (UV6)

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Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13576673
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

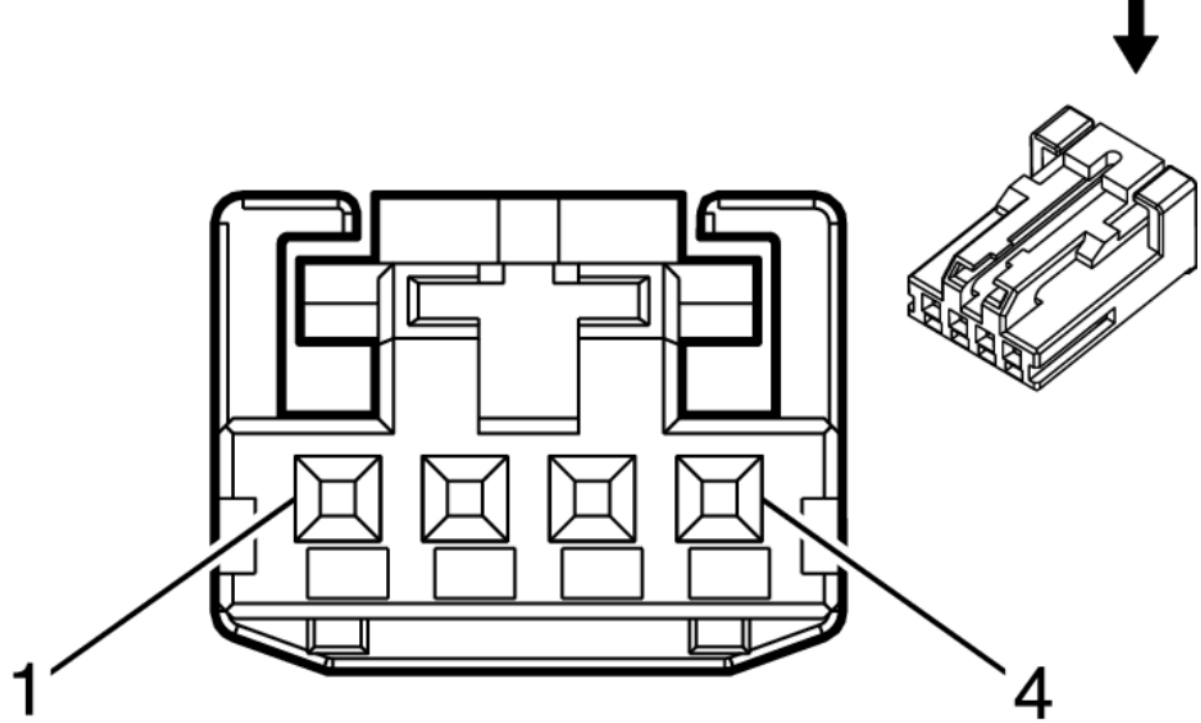
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Head Up Display) Head Up Display Signal	I	-

P43 COLLISION ALERT INDICATORS (UHX-UGN)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13853727
- Service Connector: 19300597
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

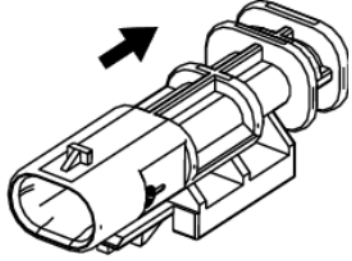
Terminal Part Information

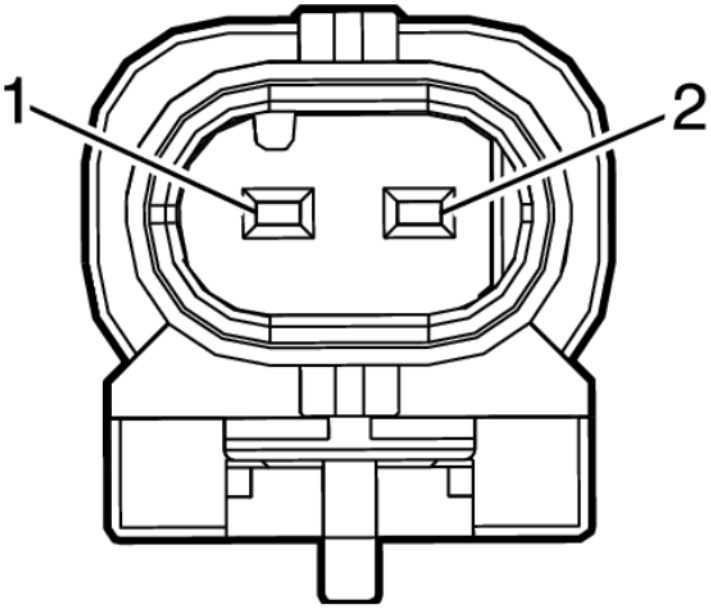
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
2	0.13	GY	3885	Forward Collision Alert LED Control	I	-
3	0.13	WH	3535	Reflected LED Display Dimming Control	I	-
4	0.35	BK	1350	Ground	I	-

P45LR SEAT HAPTIC MOVEMENT MOTOR - DRIVER LEFT REAR (UEU/UHX)

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 1-1703498-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

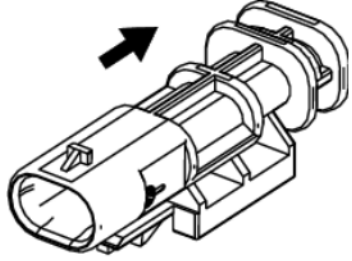
Terminal Part Information

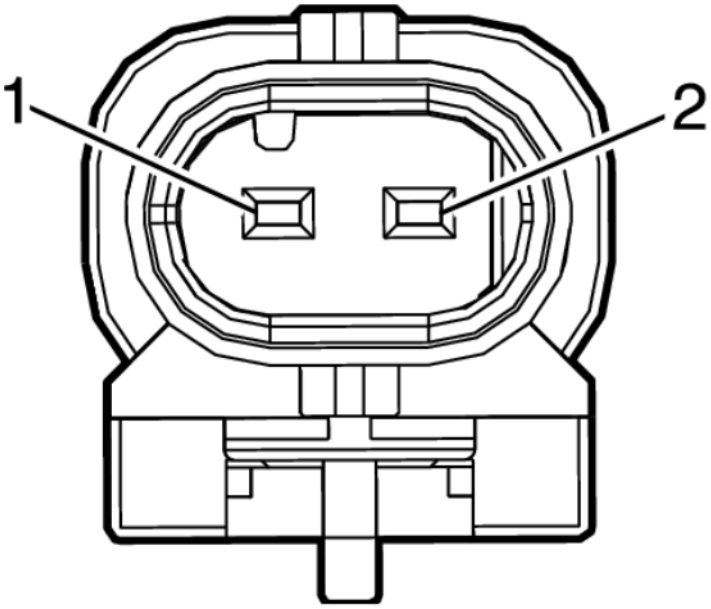
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/BN	3037	Left Rear Haptic Seat Motor Control	I	-
2	0.35	BK	2150	Ground	I	-

P45RR SEAT HAPTIC MOVEMENT MOTOR - DRIVER RIGHT REAR (UEU/UHX)

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 1-1703498-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

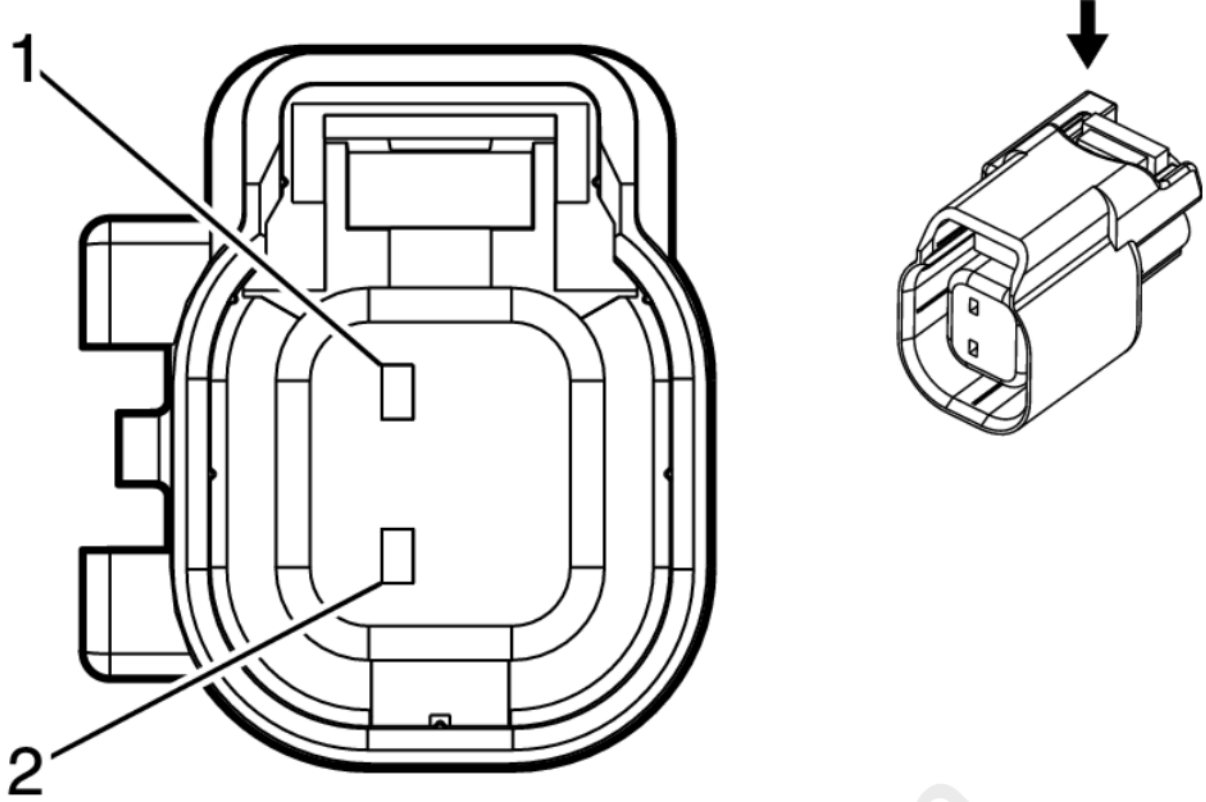
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	3038	Right Rear Haptic Seat Motor Control	I	-
2	0.35	BK	2150	Ground	I	-

P48 PEDESTRIAN ALERT SOUND SPEAKER (HP9)

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13729590
- Service Connector: 19332516
- Description: 2-Way F 1.5 Series, Sealed (BK)

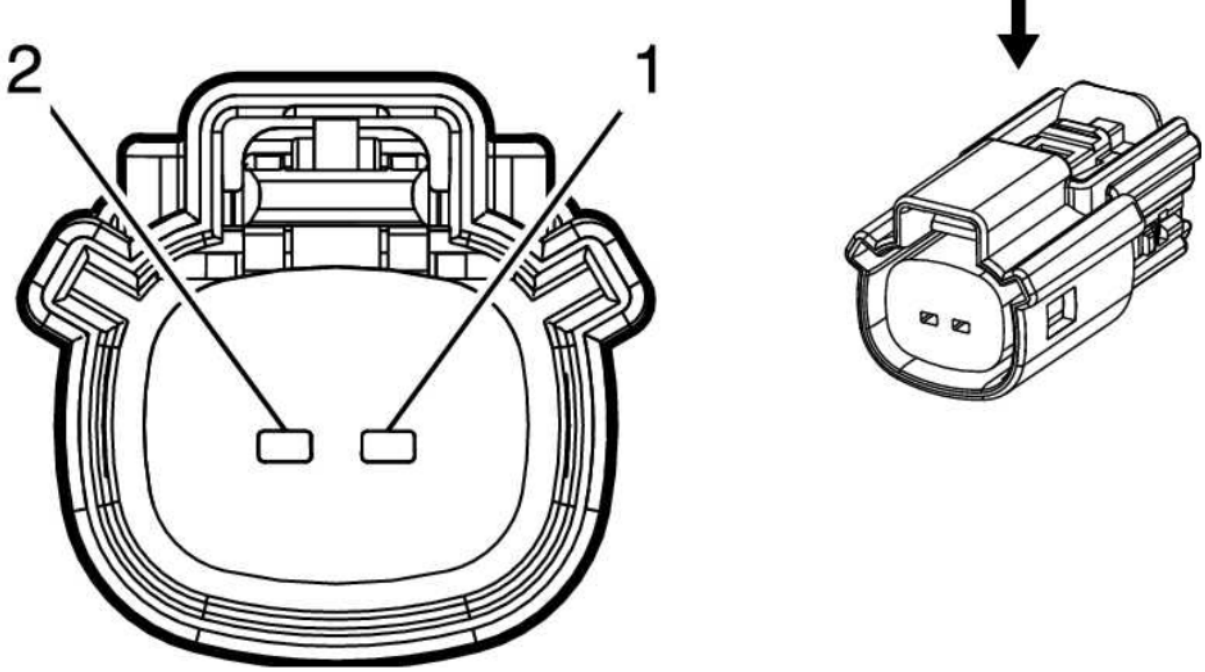
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BN	4337	Pedestrian Friendly Alert Speaker Control (-)	I	-
2	0.5	GY/GN	4338	Pedestrian Friendly Alert Speaker Control (+)	I	-

Q2 A/C COMPRESSOR CLUTCH (HP9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33471-0206
- Service Connector: 13577534
- Description: 2-Way F 1.5 Series, Sealed (BK)

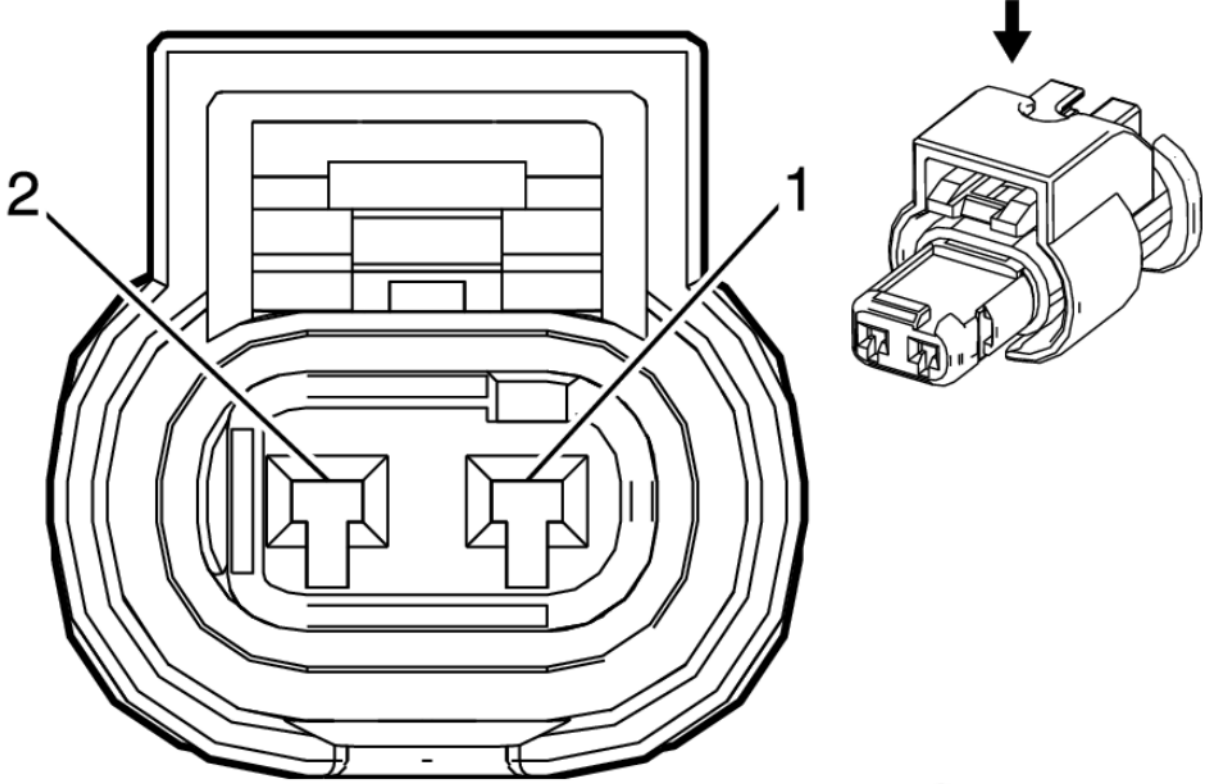
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	D-BU	179	Oil Pump Command Signal	I	-

Q2 A/C COMPRESSOR CLUTCH (KL9)

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Connector Part Information

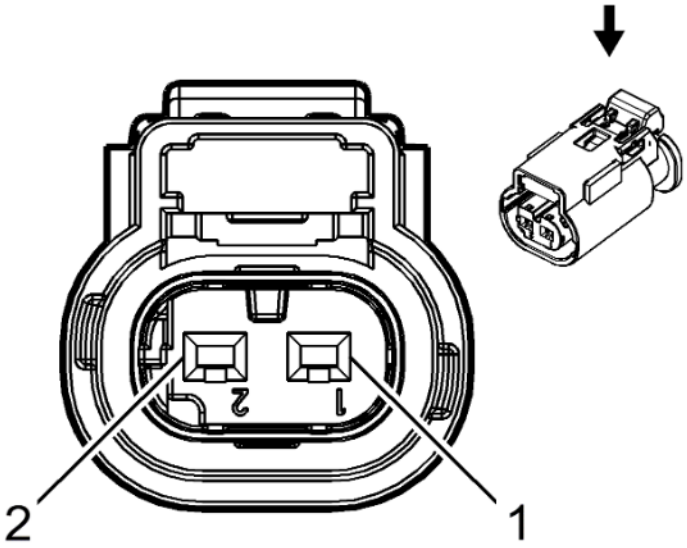
- Harness Type: Engine
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	250	Ground	I	-
2	0.5	BN/GN	59	A/C Compressor Clutch Control	I	-

Q6A CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 1 EXHAUST (LGW/LGX)



Connector Part Information

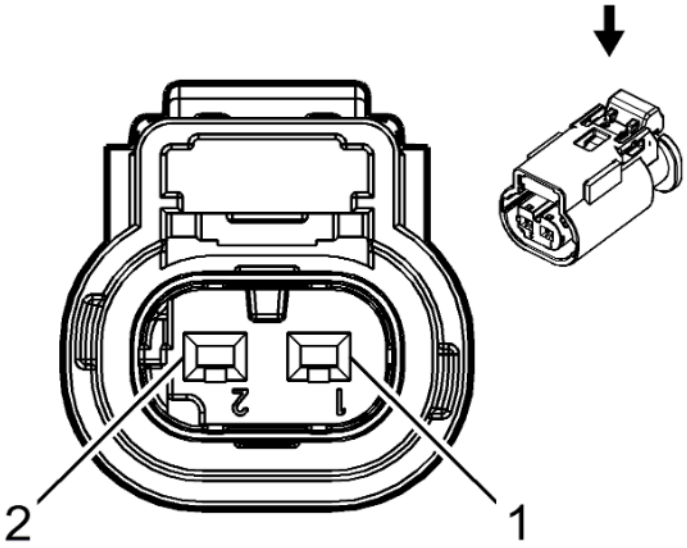
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-

Q6B CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 1 INTAKE (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

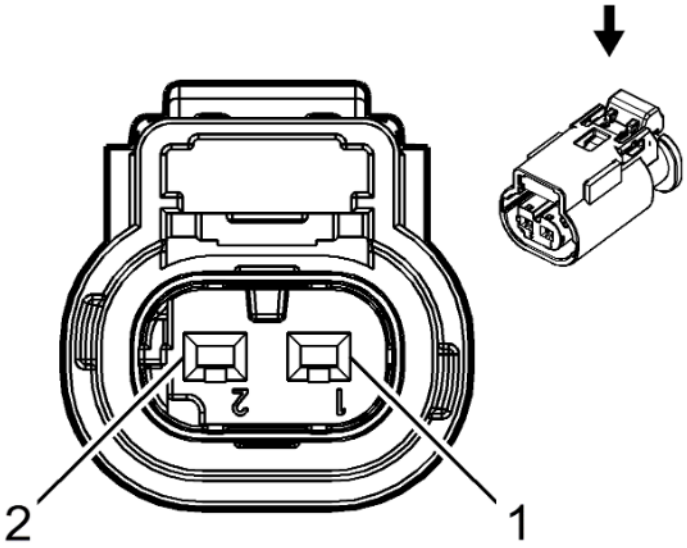
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BU	5491	Cylinder Shutoff Solenoid Control 1	I	-

Q6C CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 EXHAUST (LGW/LGX)

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Connector Part Information

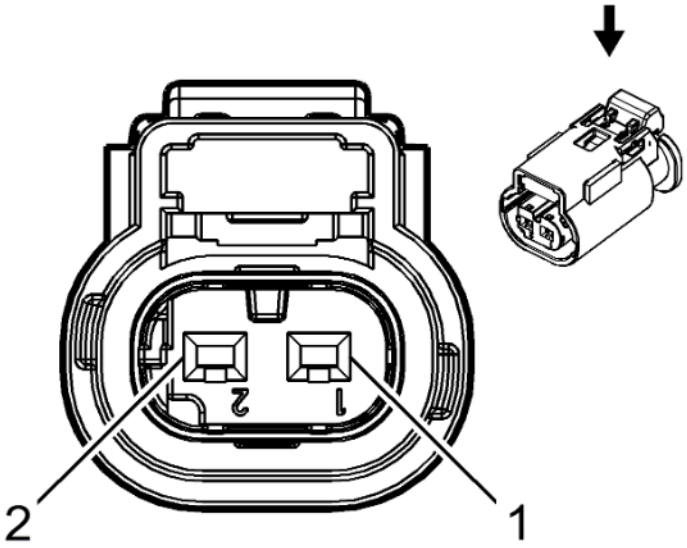
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	5272	Camshaft Phaser Intake Solenoid 2	I	-
2	0.5	BK/BU	6755	Cam Phaser Y Low Reference	I	-

Q6D CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 INTAKE (LGW/LGX)



Connector Part Information

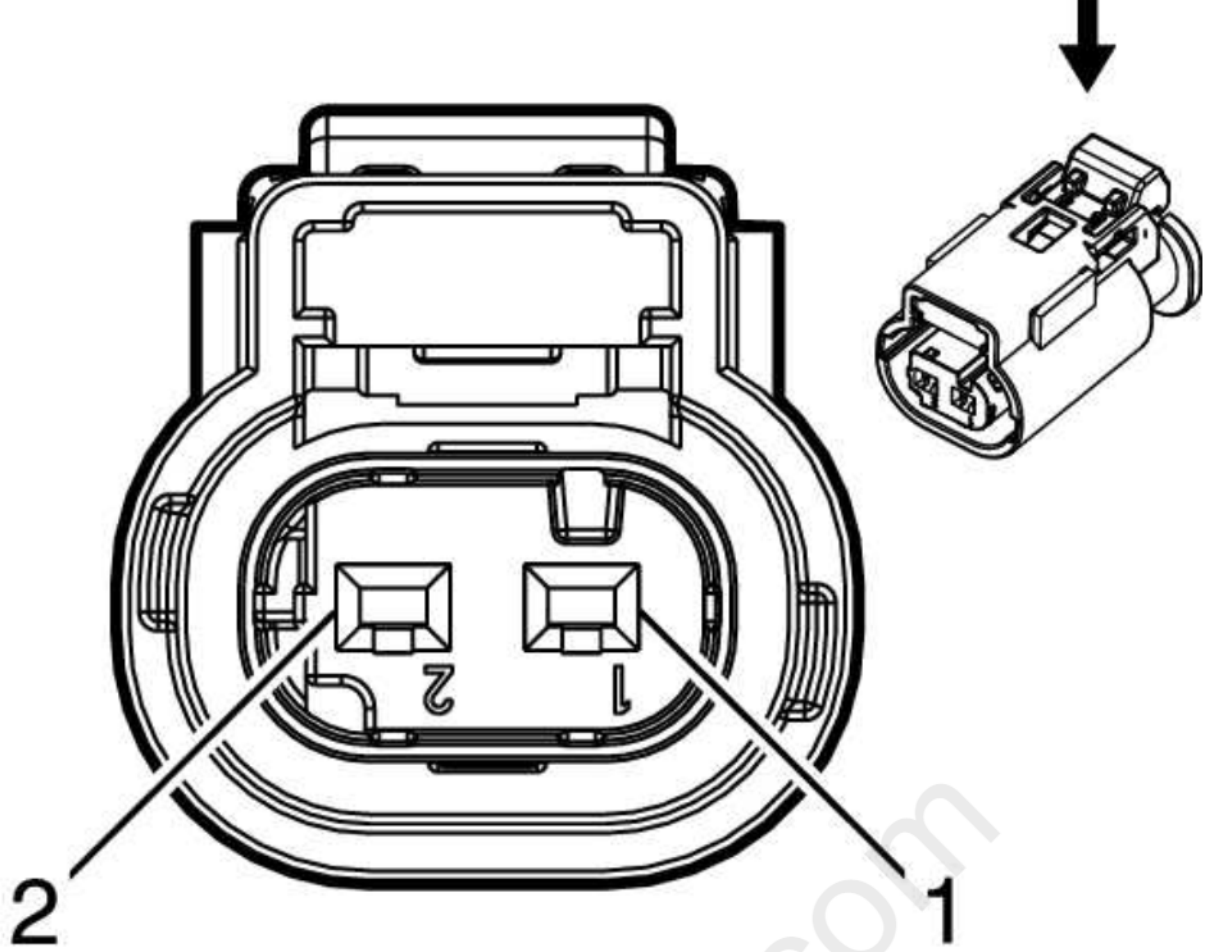
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BN	5283	Camshaft Phaser Exhaust Solenoid 2	I	-
2	0.5	BK/GY	6756	Cam Phaser Z Low Reference	I	-

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LTG)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

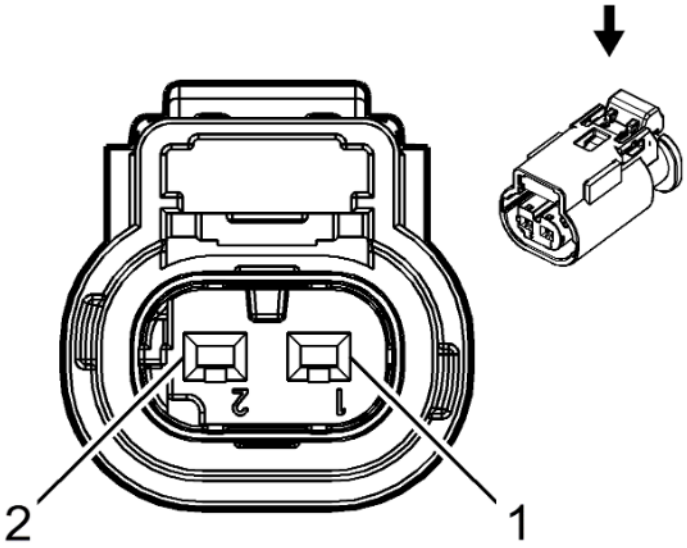
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

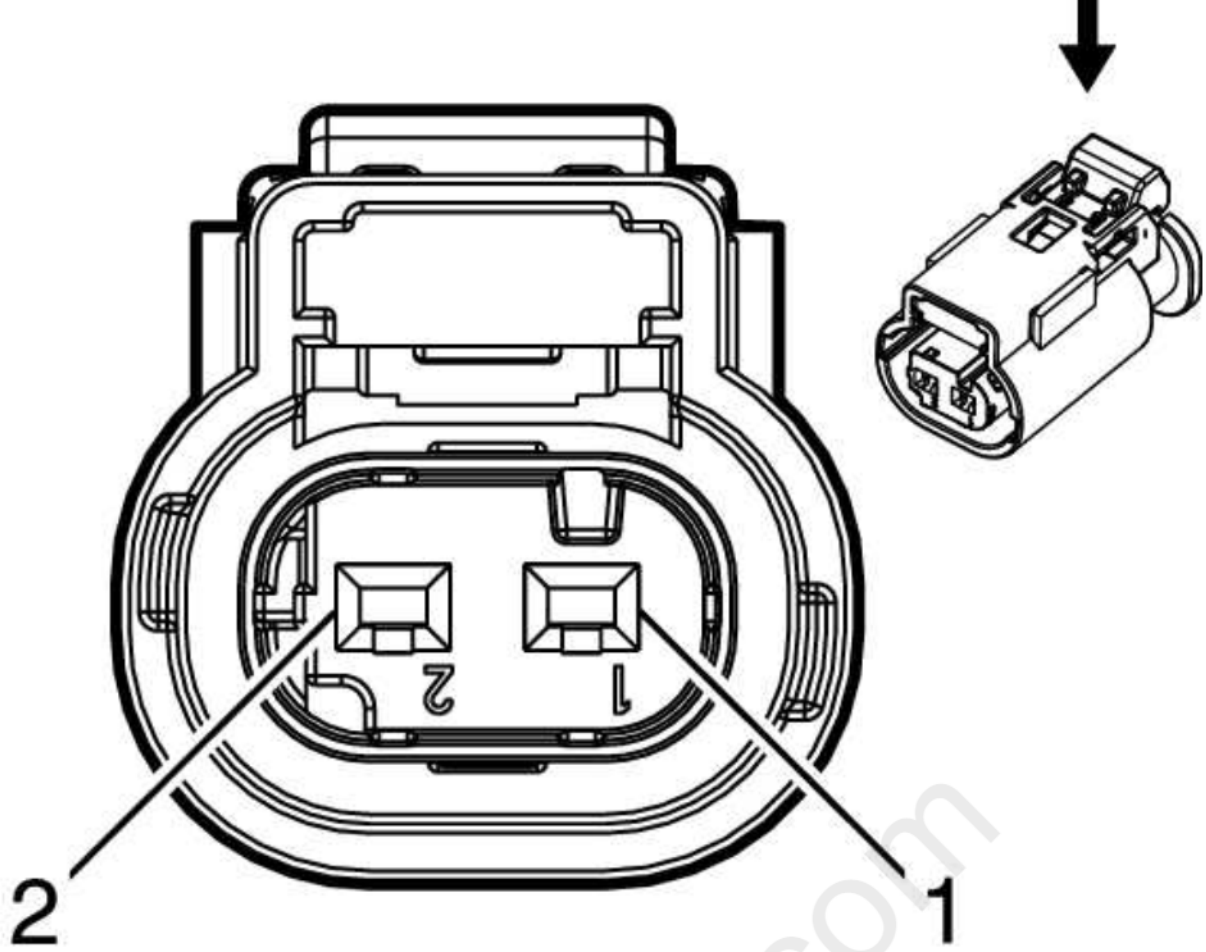
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

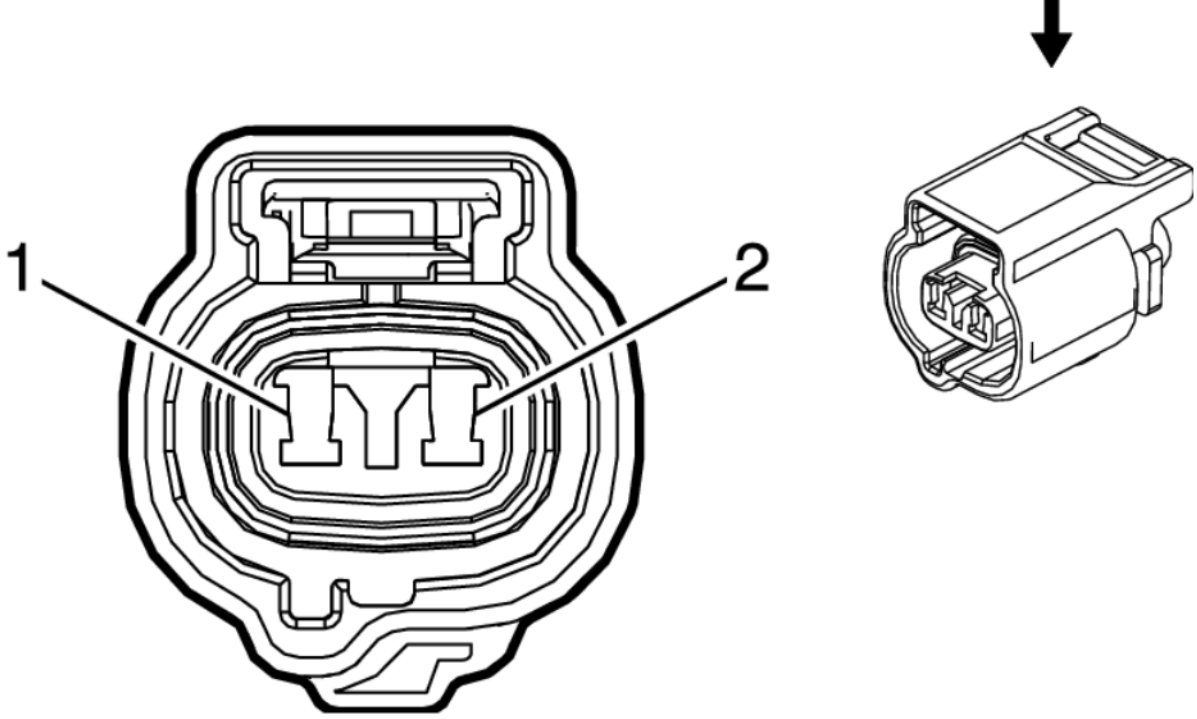
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE (HP9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 15316842
- Service Connector: 19355818
- Description: 2-Way F 090 Series, Sealed (BK)

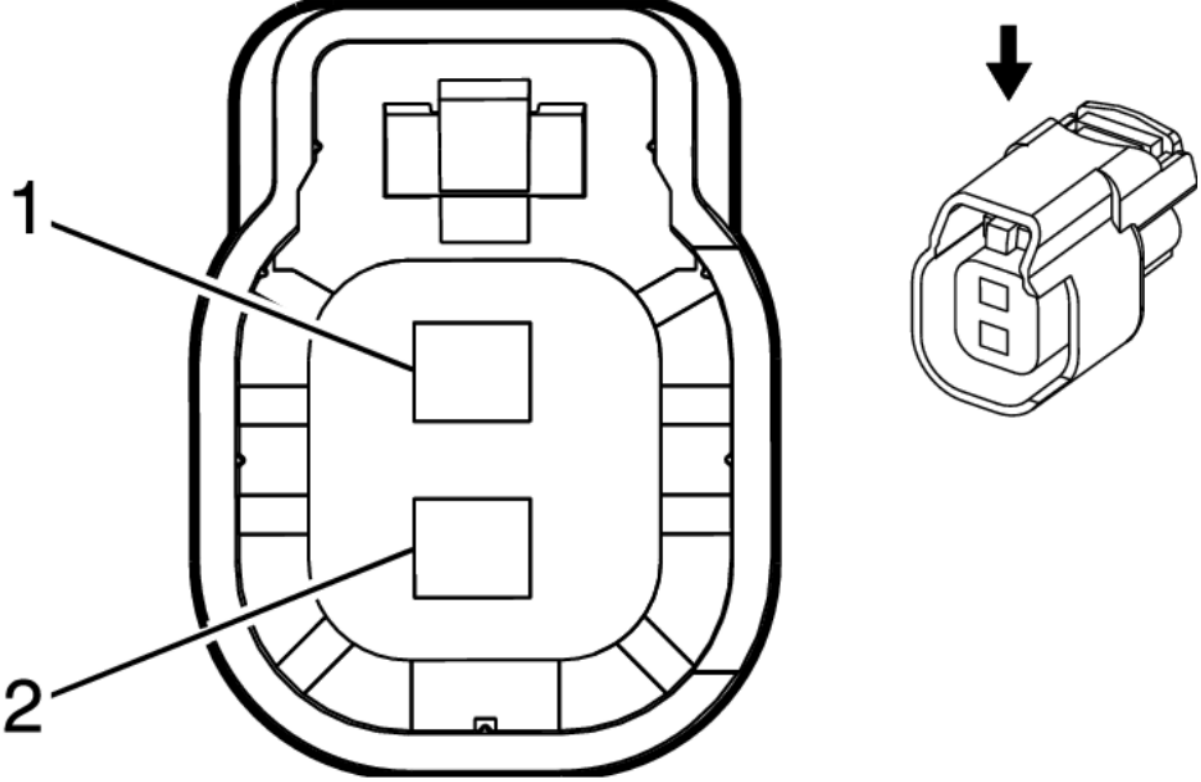
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	3726	Diurnal Control Valve (DCV) Ground	I	-
2	0.5	RD/BU	840	Battery Positive Voltage	I	-

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE (KL9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13771883
- Service Connector: 13579002
- Description: 2-Way F 1.5 Series, Sealed (BK)

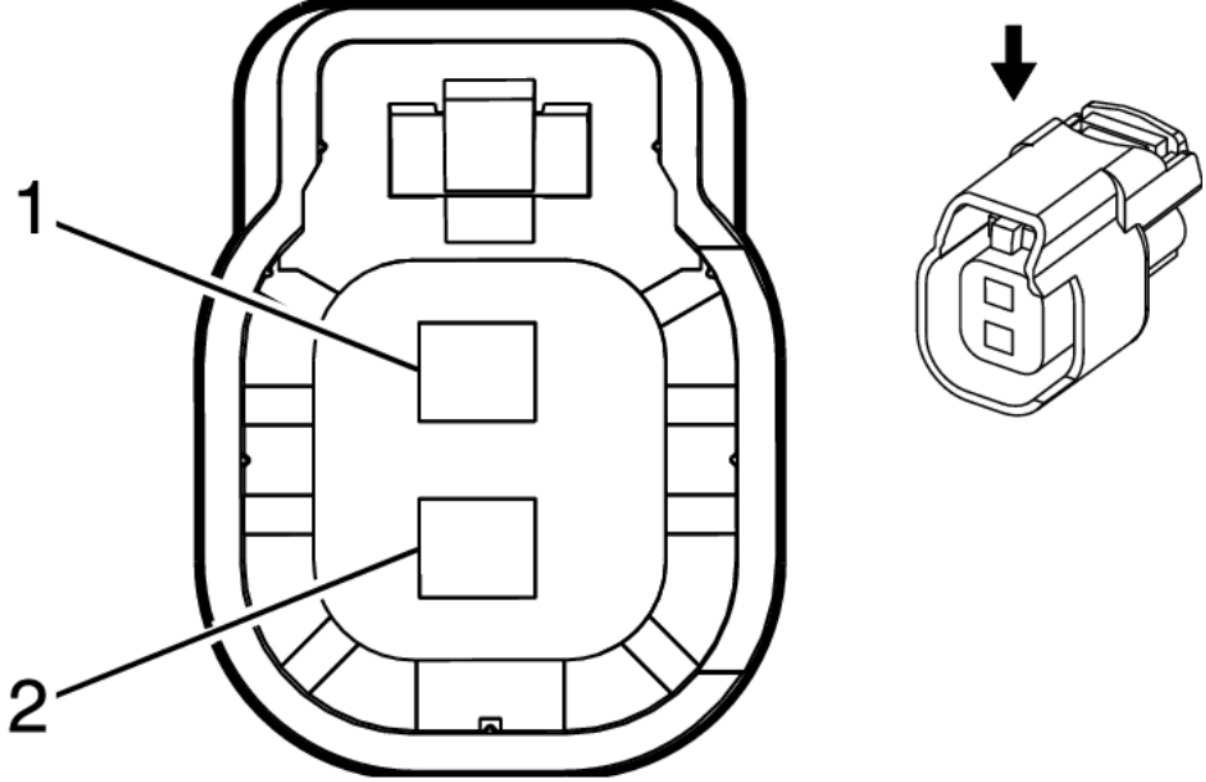
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	-
2	0.5	RD/GN	2440	Battery Positive Voltage	I	-

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE (KL9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13771883
- Service Connector: 13579002
- Description: 2-Way F 1.5 Series, Sealed (BK)

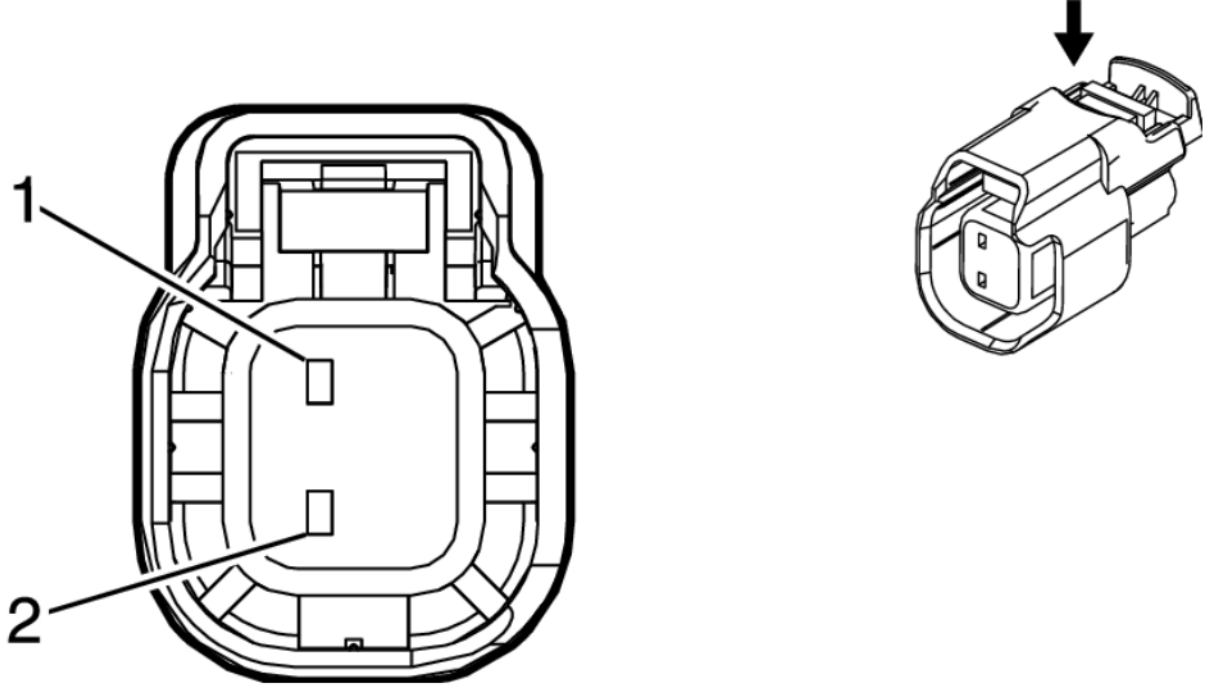
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	-
2	0.5	RD/GN	2440	Battery Positive Voltage	I	-

Q17A FUEL INJECTOR 1 (LTG)

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Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

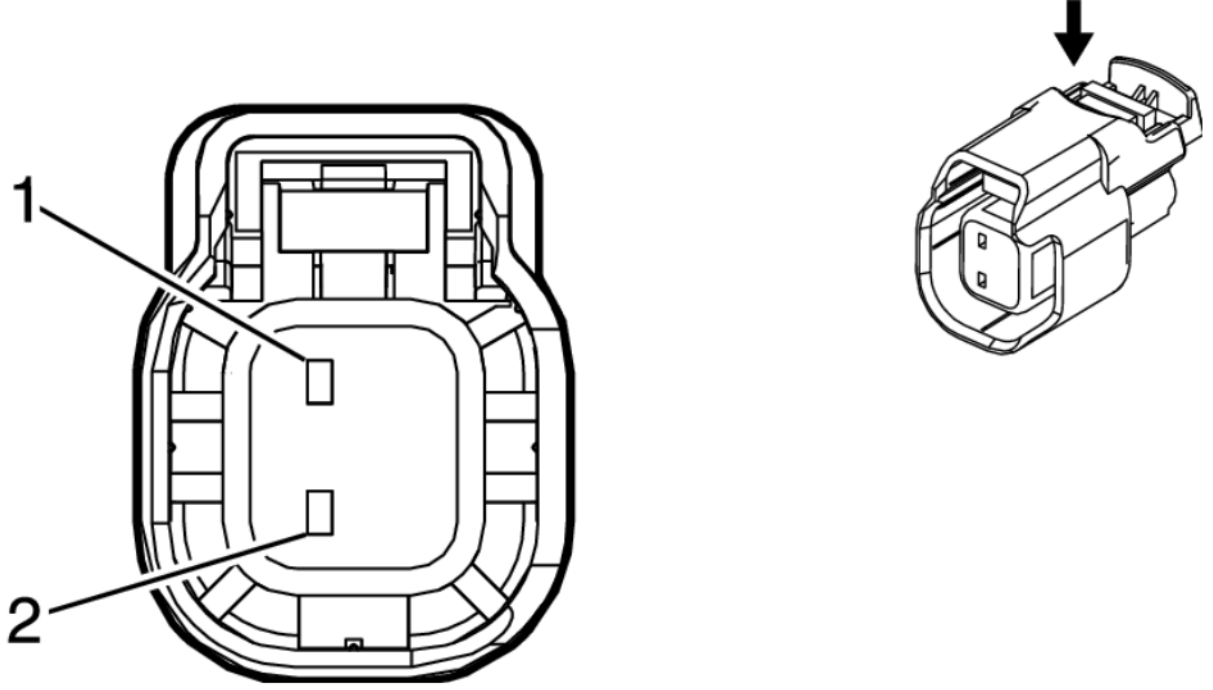
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
2	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-

Q17B FUEL INJECTOR 2 (LGW/LGX)

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Connector Part Information

- Harness Type: Fuel Rail - Even
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

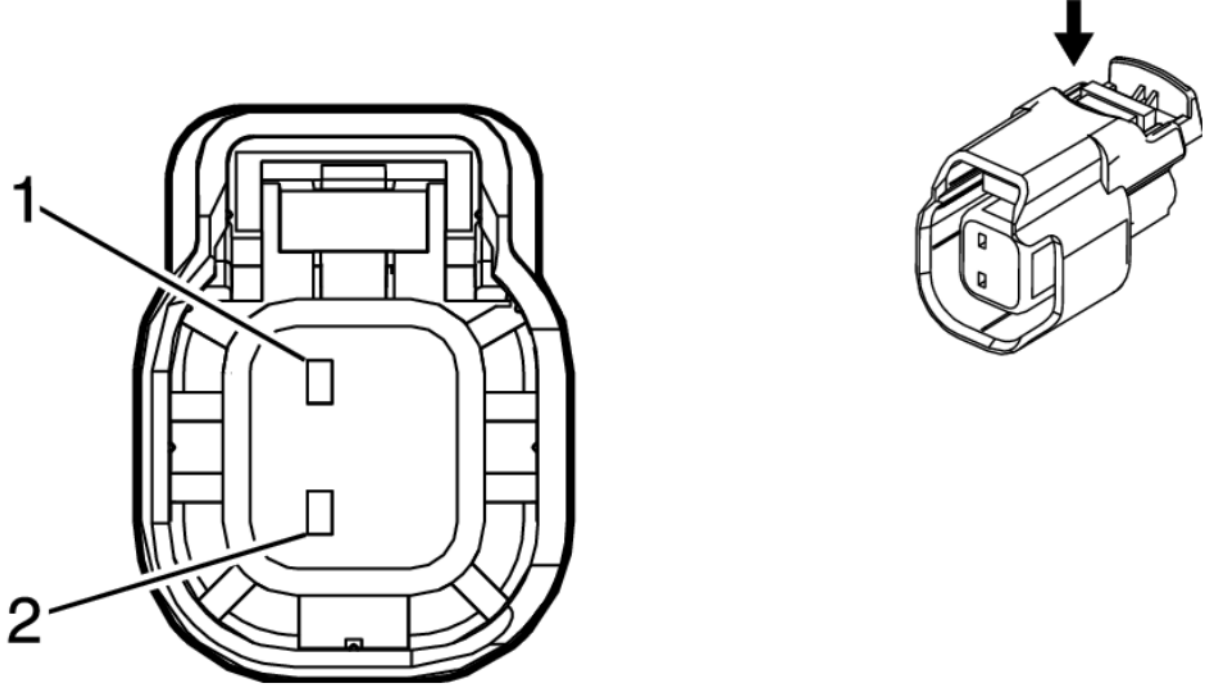
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
2	0.5	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-

Q17B FUEL INJECTOR 2 (LTG)

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Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

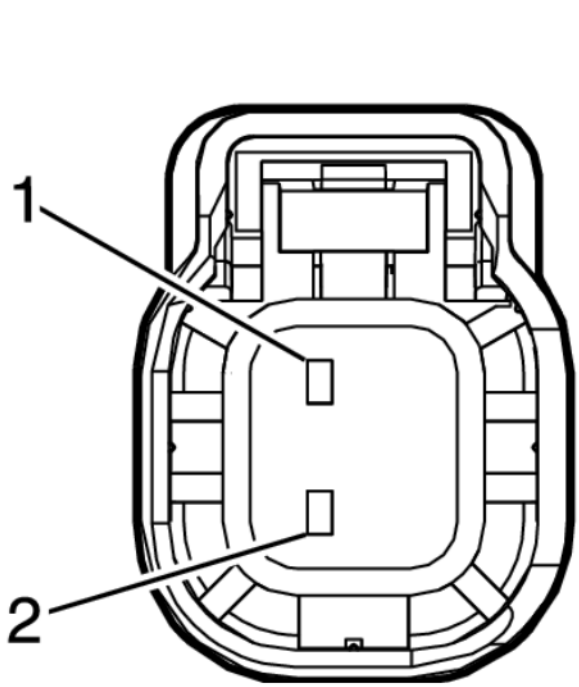
Terminal Part Information

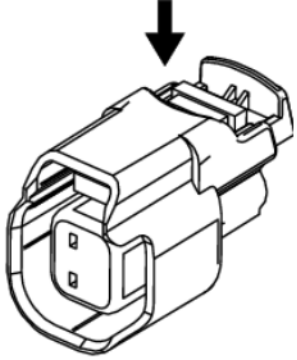
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
2	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-

Q17C FUEL INJECTOR 3 (LGW/LGX)

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Connector Part Information

- Harness Type: Fuel Rail - Odd
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

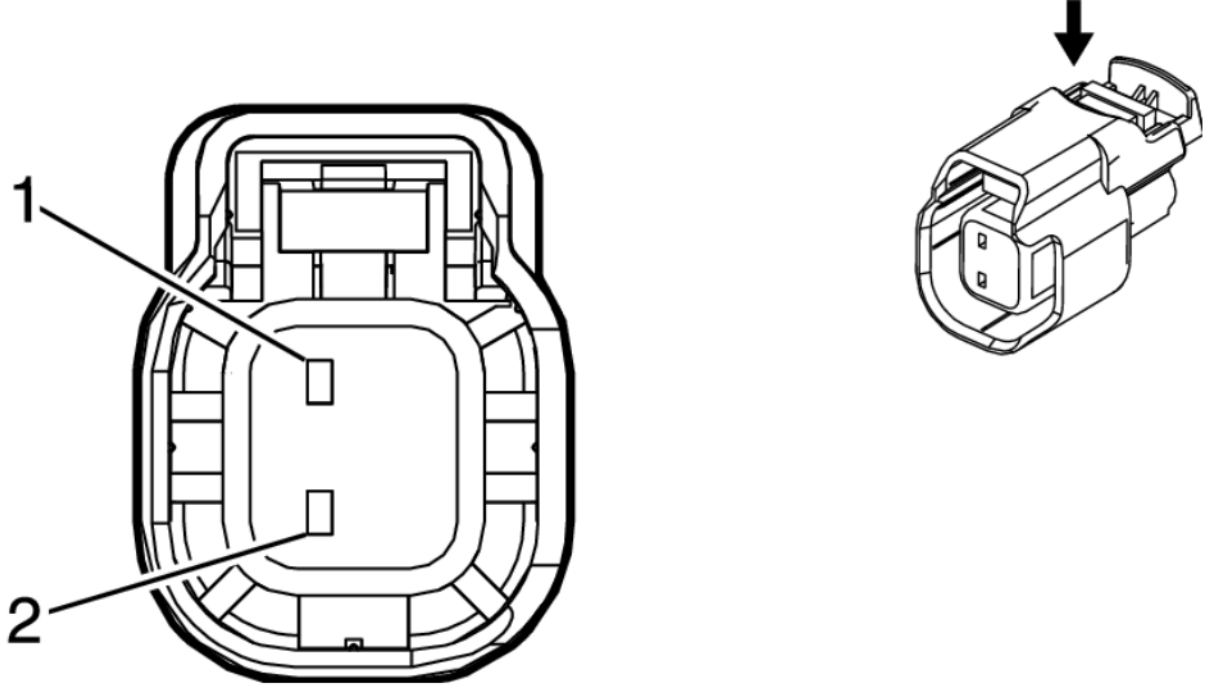
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
2	0.5	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Q17C FUEL INJECTOR 3 (LTG)

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Connector Part Information

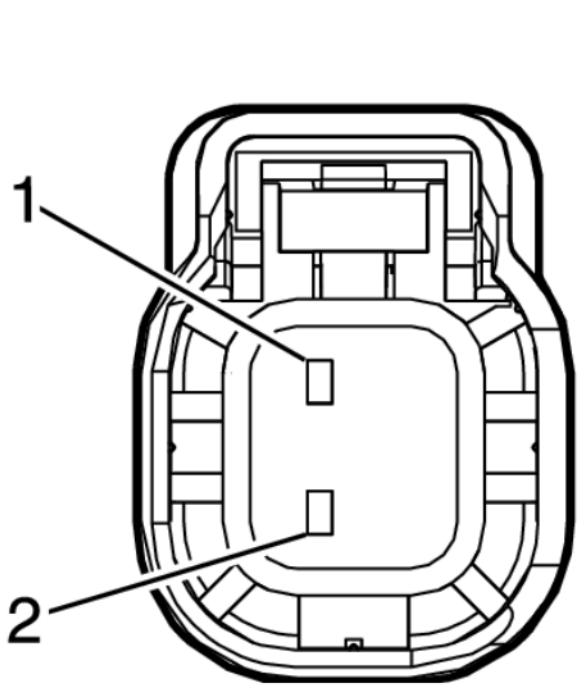
- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

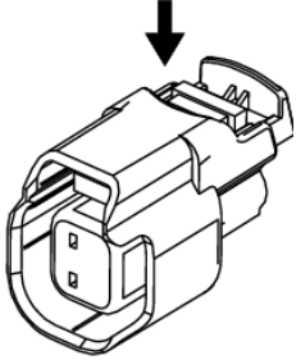
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
2	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Q17D FUEL INJECTOR 4 (LGW/LGX)





Connector Part Information

- Harness Type: Fuel Rail - Even
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

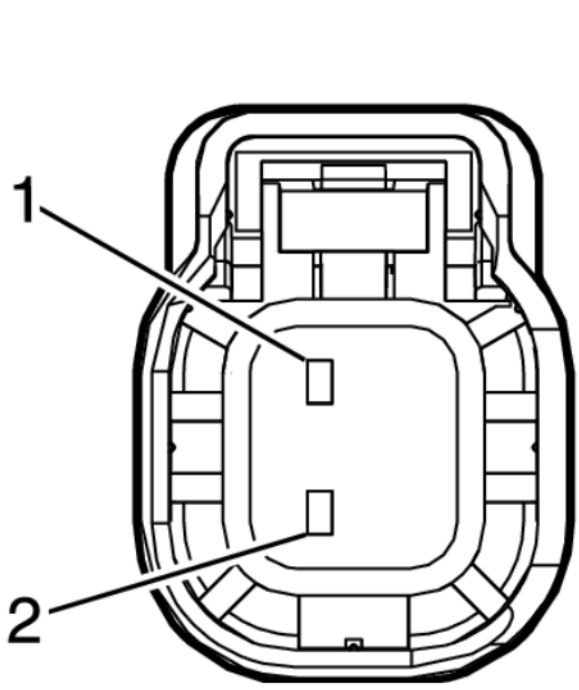
Terminal Part Information

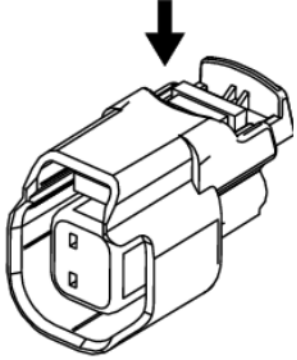
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
2	0.5	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

Q17D FUEL INJECTOR 4 (LTG)

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Connector Part Information

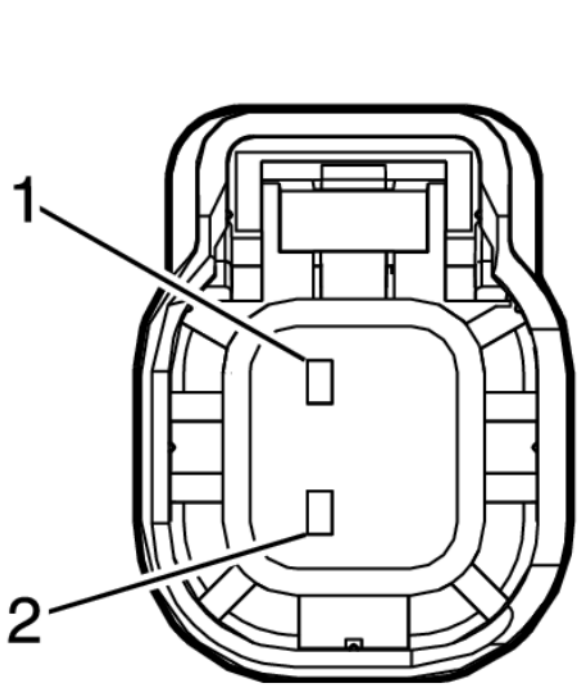
- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

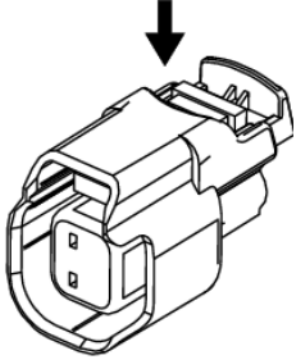
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
2	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

Q17E FUEL INJECTOR 5 (LGW/LGX)





Connector Part Information

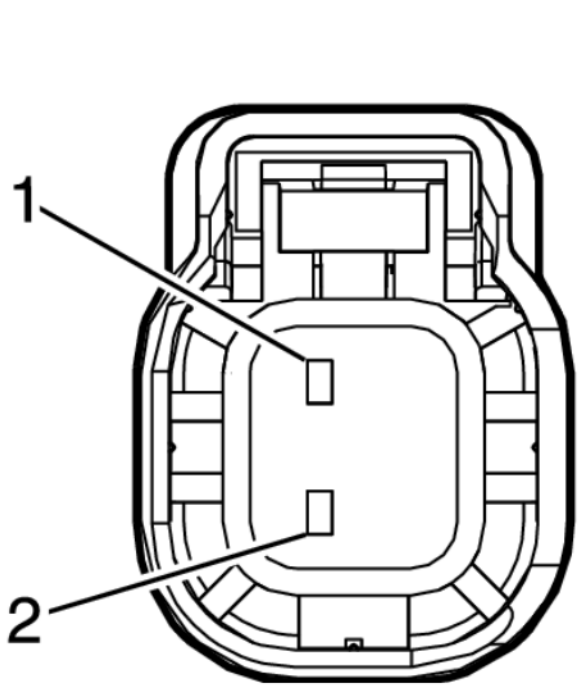
- Harness Type: Fuel Rail - Odd
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

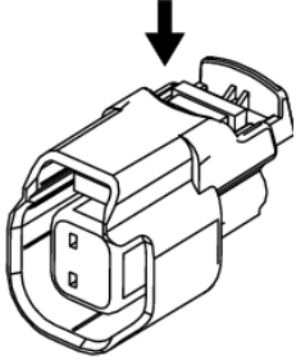
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	I	-
2	0.5	GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	I	-

Q17F FUEL INJECTOR 6 (LGW/LGX)





Connector Part Information

- Harness Type: Fuel Rail - Even
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

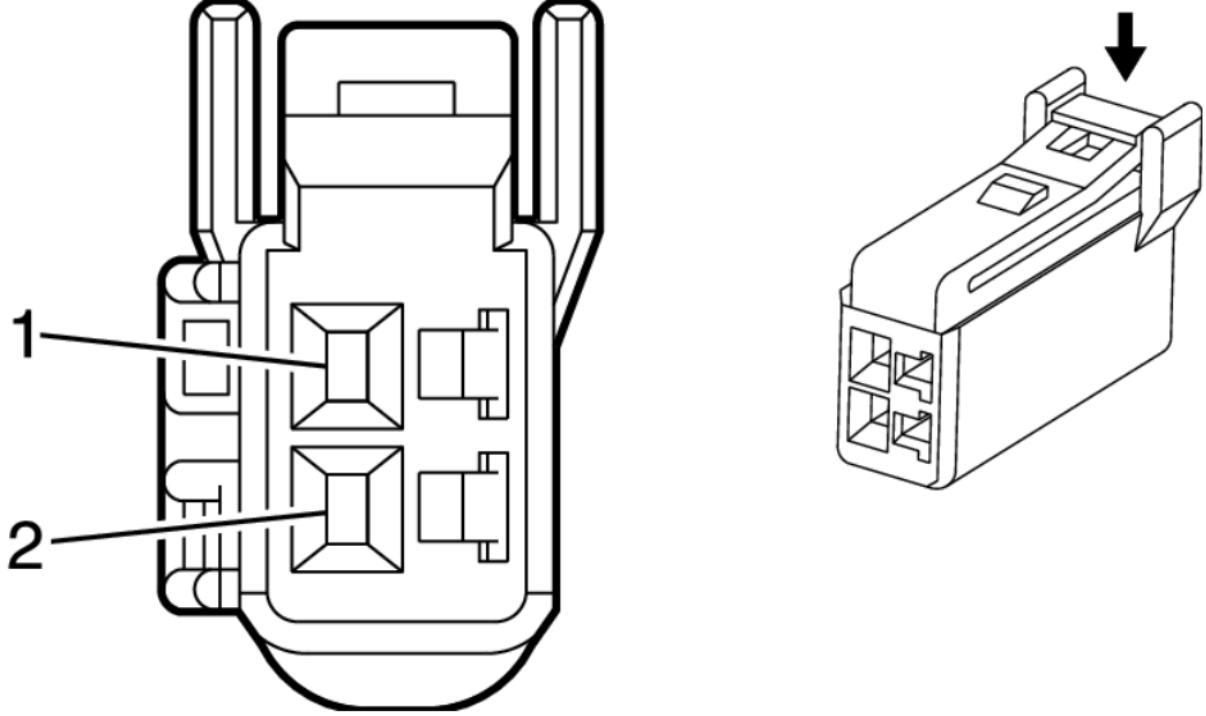
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	I	-
2	0.5	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	I	-

Q32A SHIFT SOLENOID VALVE 1 (MRD)

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Connector Part Information

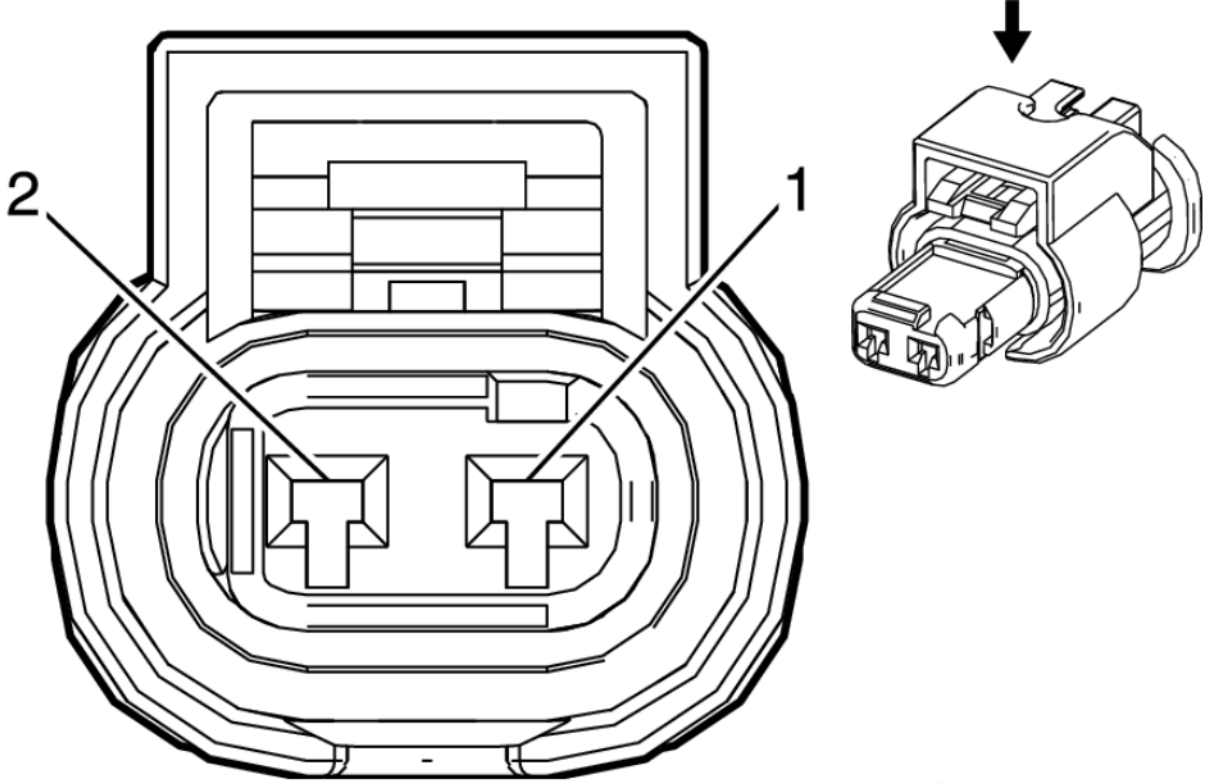
- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-
2	-	PK	6380	TCC On/Off Solenoid A Control	I	-

Q37LF SHOCK ABSORBER ACTUATOR - LEFT FRONT (F55)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

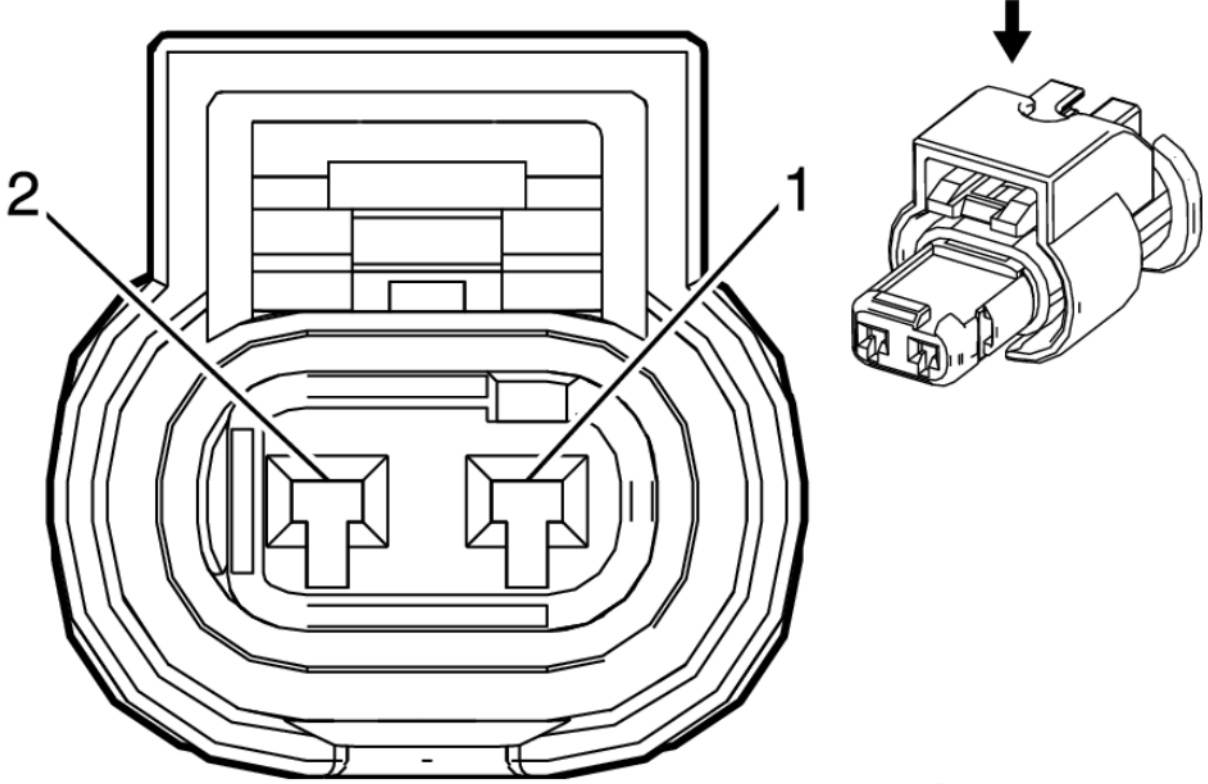
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/GY	1448	Left Front Strut Motor Increase Damping Control	I	-
2	0.75	WH/GN	1005	Left Front Strut Motor Decrease Damping Control	I	-

Q37LR SHOCK ABSORBER ACTUATOR - LEFT REAR (F55)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

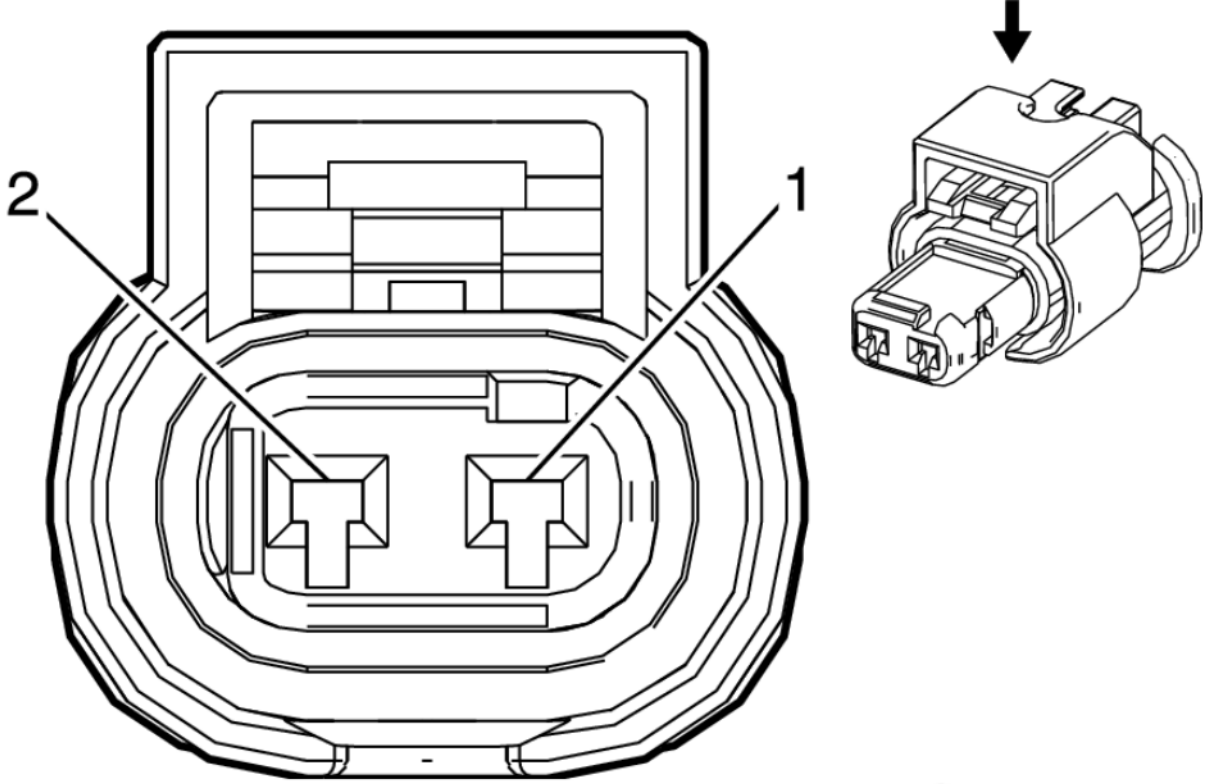
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/VT	1010	Left Rear Strut Motor Increase Damping Control	I	-
2	0.75	WH/BK	1013	Left Rear Strut Motor Decrease Damping Control	I	-

Q37RF SHOCK ABSORBER ACTUATOR - RIGHT FRONT (F55)

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Connector Part Information

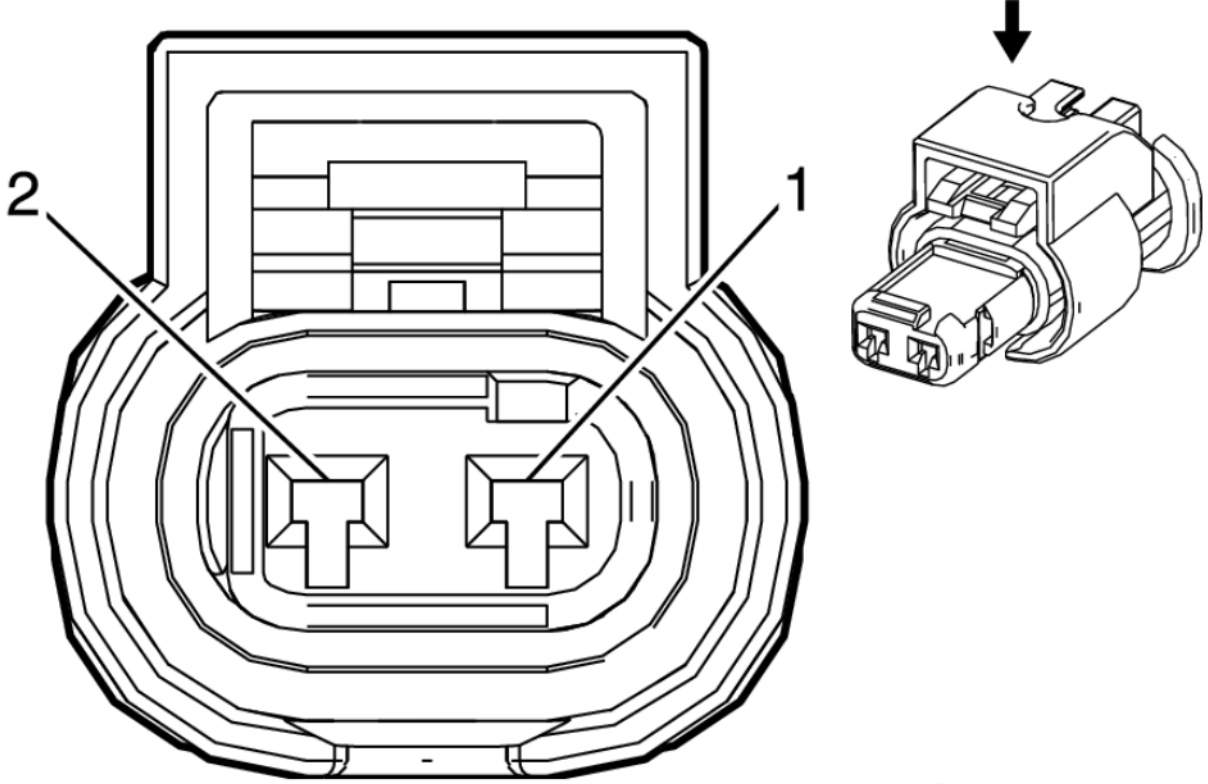
- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/BK	1006	Right Front Strut Motor Increase Damping Control	I	-
2	0.75	BN	1009	Right Front Strut Motor Decrease Damping Control	I	-

Q37RR SHOCK ABSORBER ACTUATOR - RIGHT REAR (F55)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13927761
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

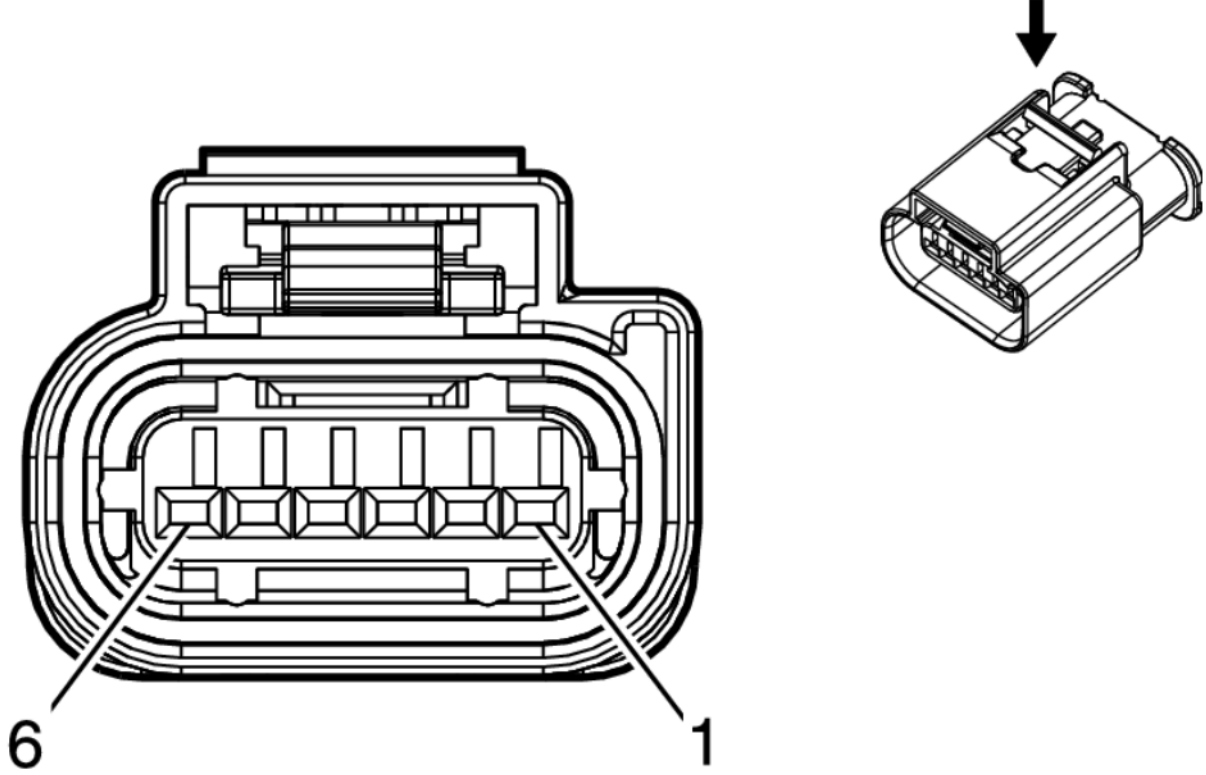
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE	1014	Right Rear Strut Motor Increase Damping Control	I	-
2	0.75	VT	1017	Right Rear Strut Motor Decrease Damping Control	I	-

Q38 THROTTLE BODY (LGW)

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Connector Part Information

- Harness Type: Throttle Body Jumper
- OEM Connector: 13583847
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 1.2 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD	581	Throttle Actuator Control Open	I	-
2	0.5	BK	582	Throttle Actuator Control Close	I	-
3	0.5	WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
4	0.5	BK	2752	Throttle Position Sensor Low Reference	I	-
5	0.5	WH	2701	Throttle Position Sensor 5V Reference	I	-
6	-	-	-	Not Occupied	-	-

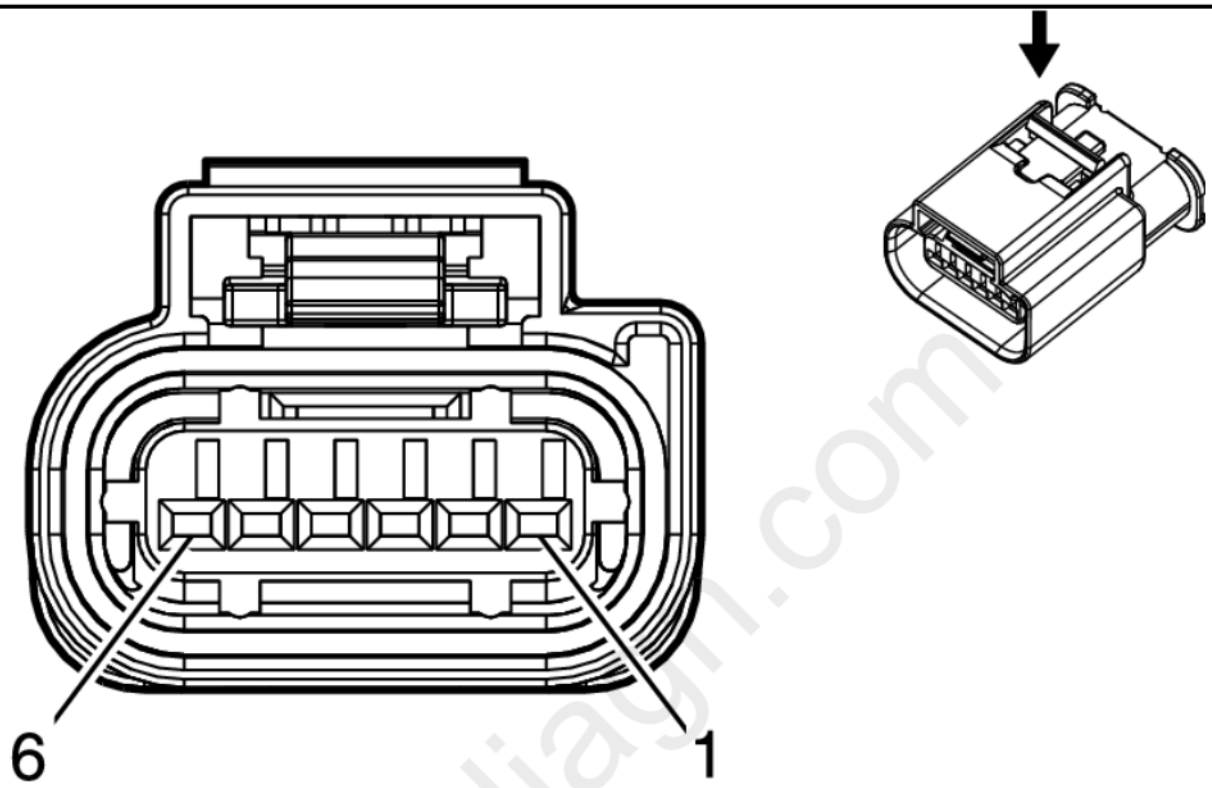
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Wiring Systems and Power Management - Component Locator - Component Connector End Views - CT6

COMPONENT CONNECTOR END VIEWS

Q38 THROTTLE BODY (LGX/LTG)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33220833
- Service Connector: 19352911
- Description: 6-Way F 1.2 MCON Series, Sealed (BK)

Terminal Part Information

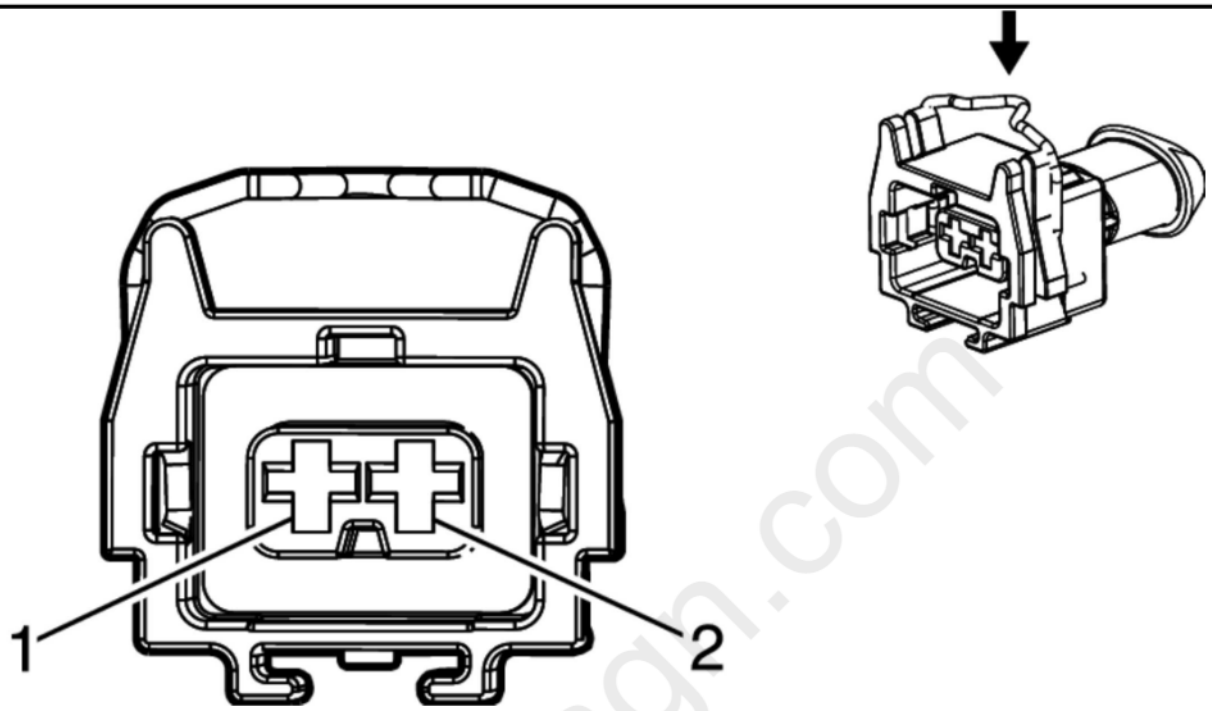
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	581	Throttle Actuator Control Open	I	-
2	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
3	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
5	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
6	-	-	-	Not Occupied	-	-

Q40A TURBOCHARGER 1 BYPASS SOLENOID VALVE (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 10740473
- Service Connector: 19331009
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

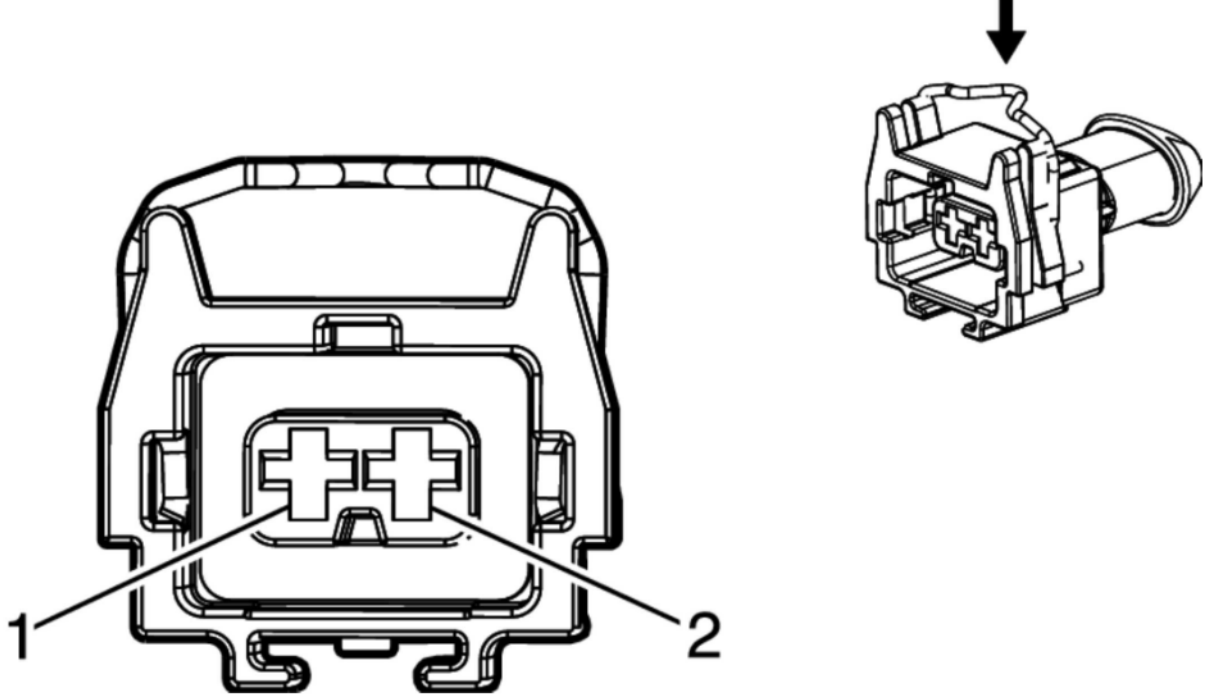
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
2	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-

Q40B TURBOCHARGER 2 BYPASS SOLENOID VALVE (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 10740473
- Service Connector: 19331009
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

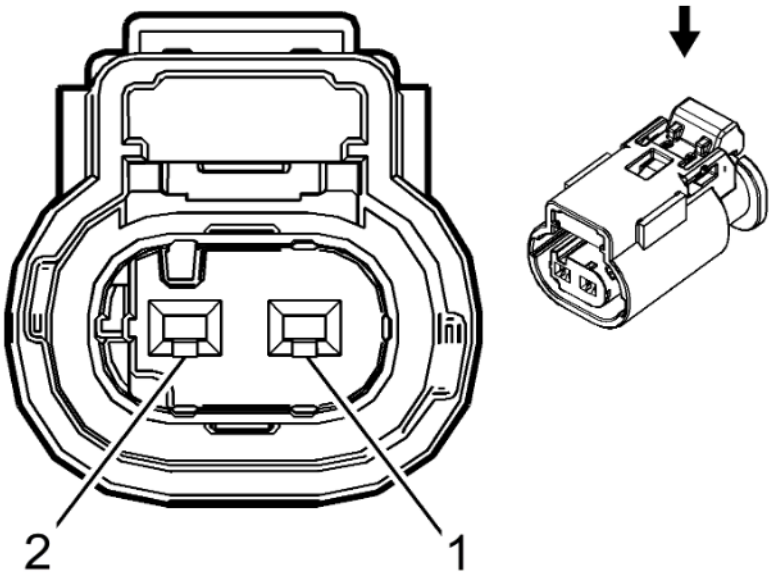
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
2	0.5	BU	3061	Turbo Bypass Solenoid Control Bank 2	I	-

Q40 TURBOCHARGER BYPASS SOLENOID VALVE (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13840071
- Service Connector: 13587321
- Description: 2-Way F 1.2 Multilock Series, Sealed (D-GY)

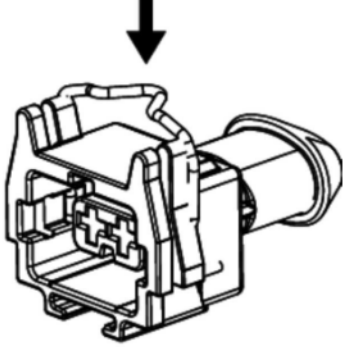
Terminal Part Information

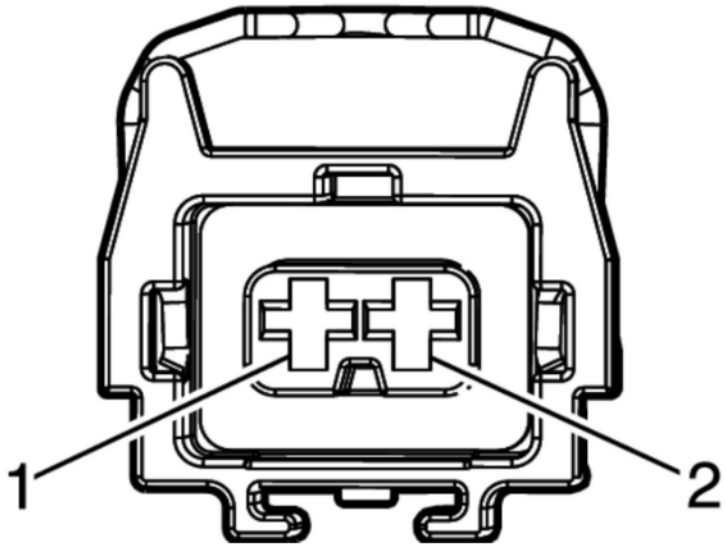
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-

Q42A TURBOCHARGER 1 WASTEGATE SOLENOID VALVE (LGW)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 10740473
- Service Connector: 19331009
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

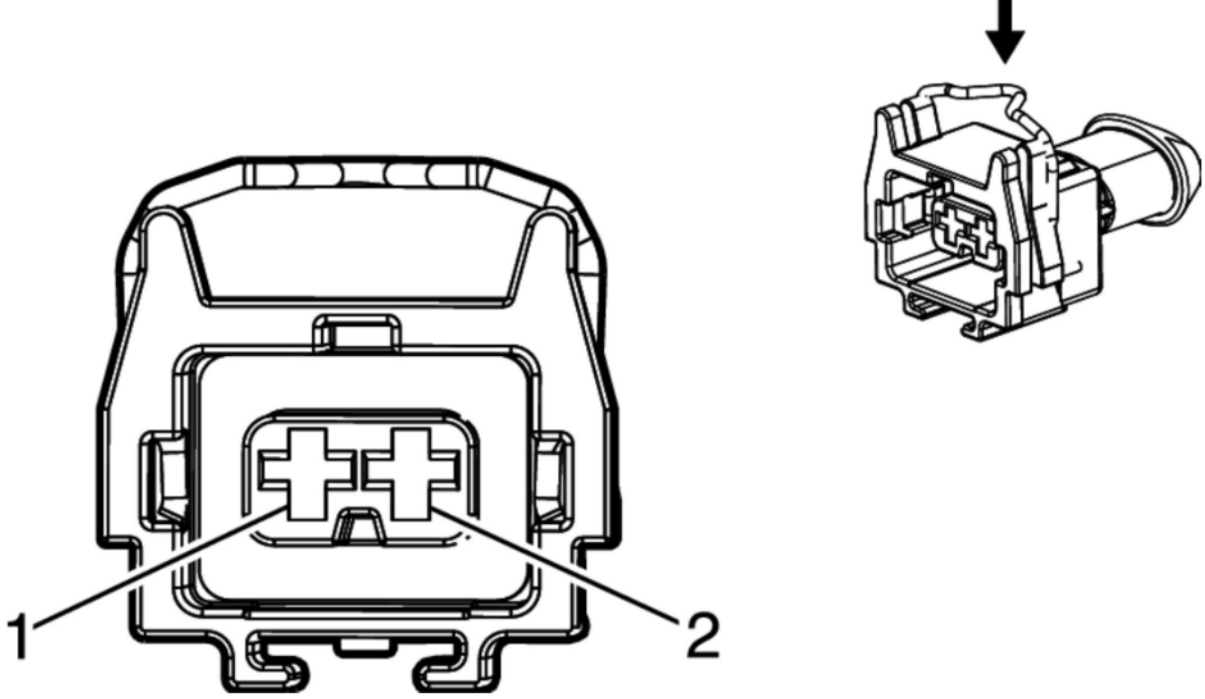
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	3058	Turbo Waste Gate Solenoid Control Bank 1	I	-
2	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-

Q42B TURBOCHARGER 2 WASTEGATE SOLENOID VALVE (LGW)

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Connector Part Information

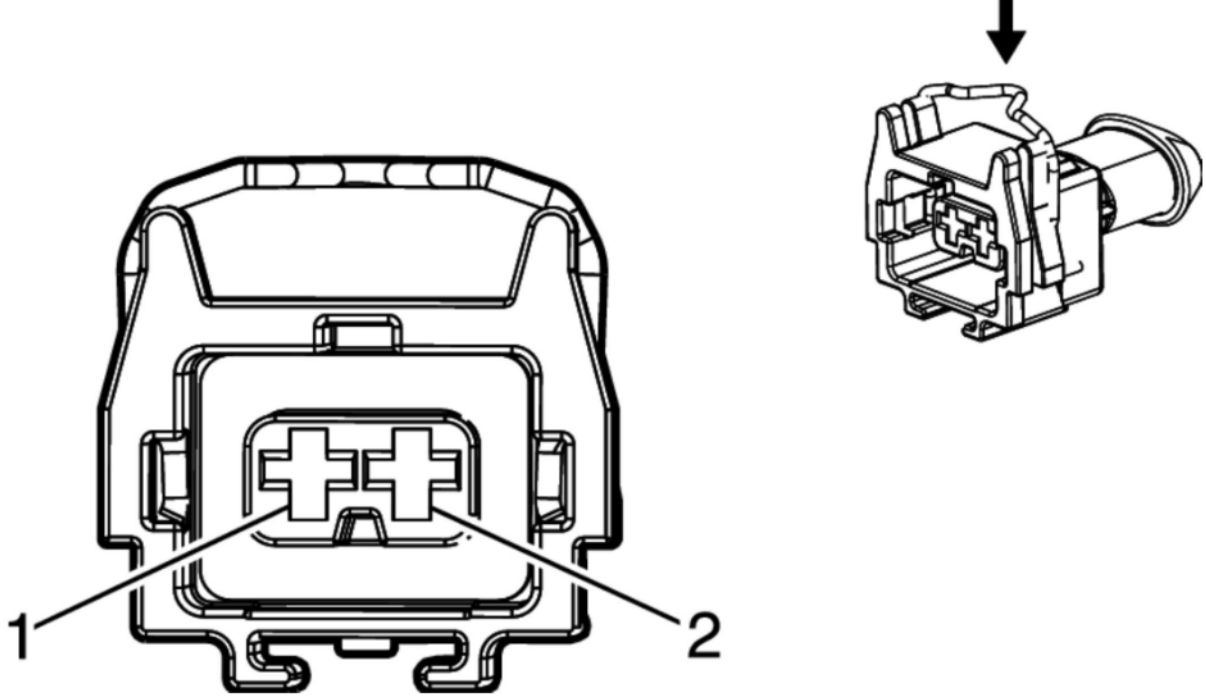
- Harness Type: Engine
- OEM Connector: 10740473
- Service Connector: 19331009
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	3059	Turbo Waste Gate Solenoid Control Bank 2	I	-
2	0.5	WH/GY	3218	Boost Pressure Solenoid 2 Control	I	-

Q42 TURBOCHARGER WASTEGATE SOLENOID VALVE (LTG)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 10740473
- Service Connector: 19331009
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

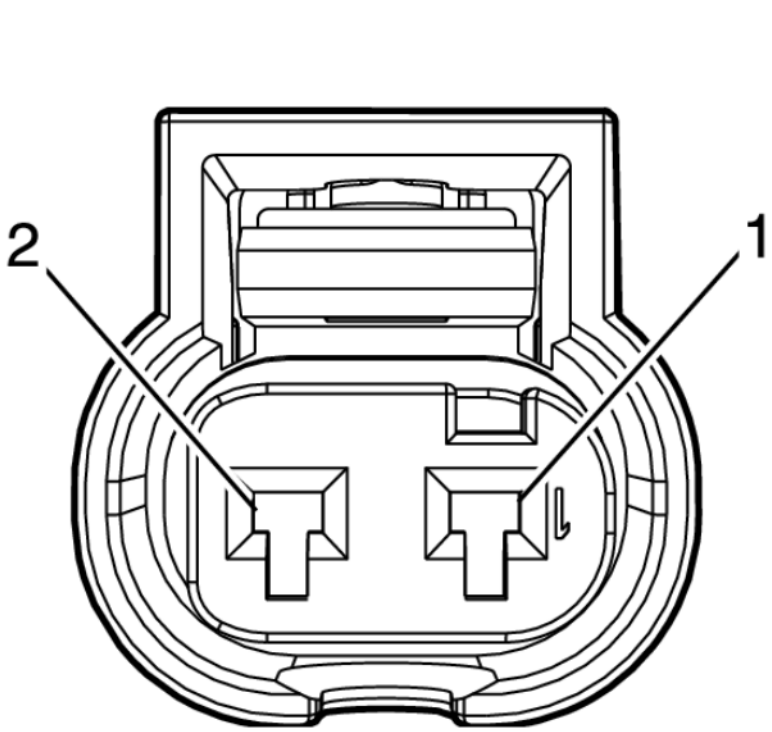
Terminal Part Information

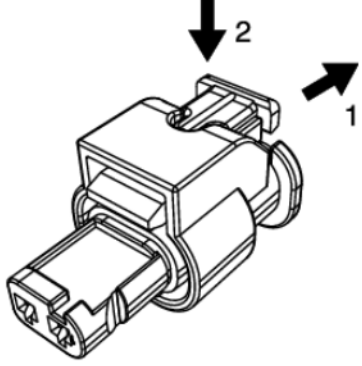
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-

Q44 ENGINE OIL PRESSURE CONTROL SOLENOID VALVE (LGW/LGX)

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Connector Part Information

- Harness Type: Engine Jumper
- OEM Connector: 13587570
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

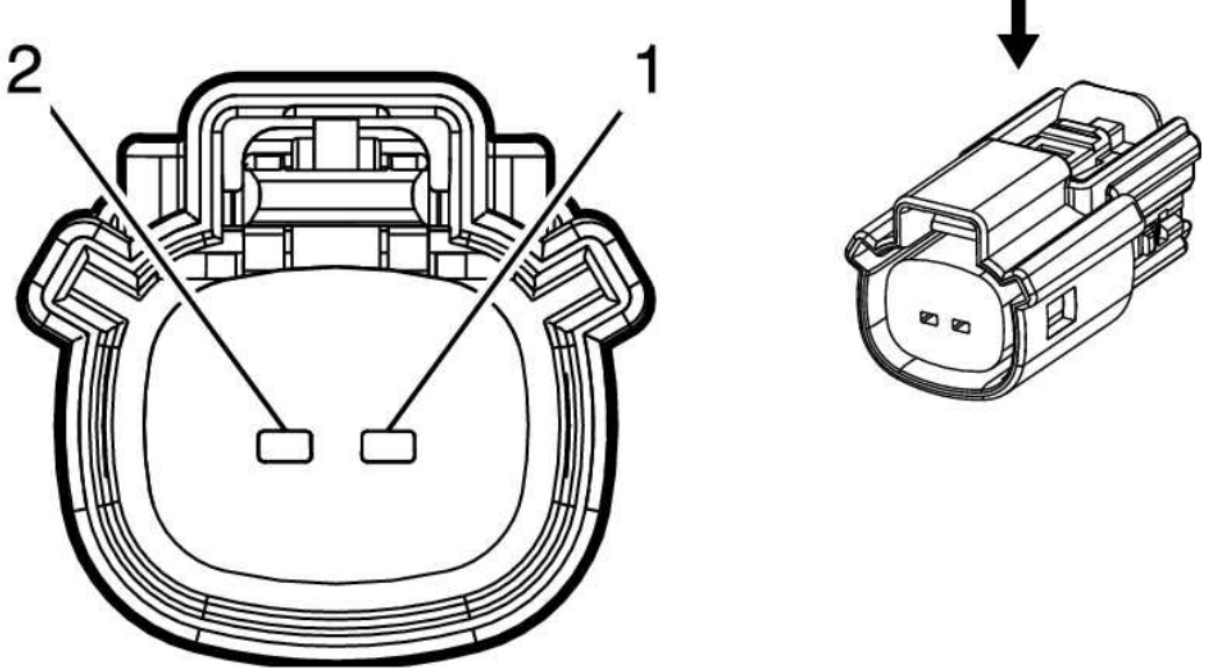
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BU	179	Oil Pump Command Signal	I	-

Q44 ENGINE OIL PRESSURE CONTROL SOLENOID VALVE (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13782480
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

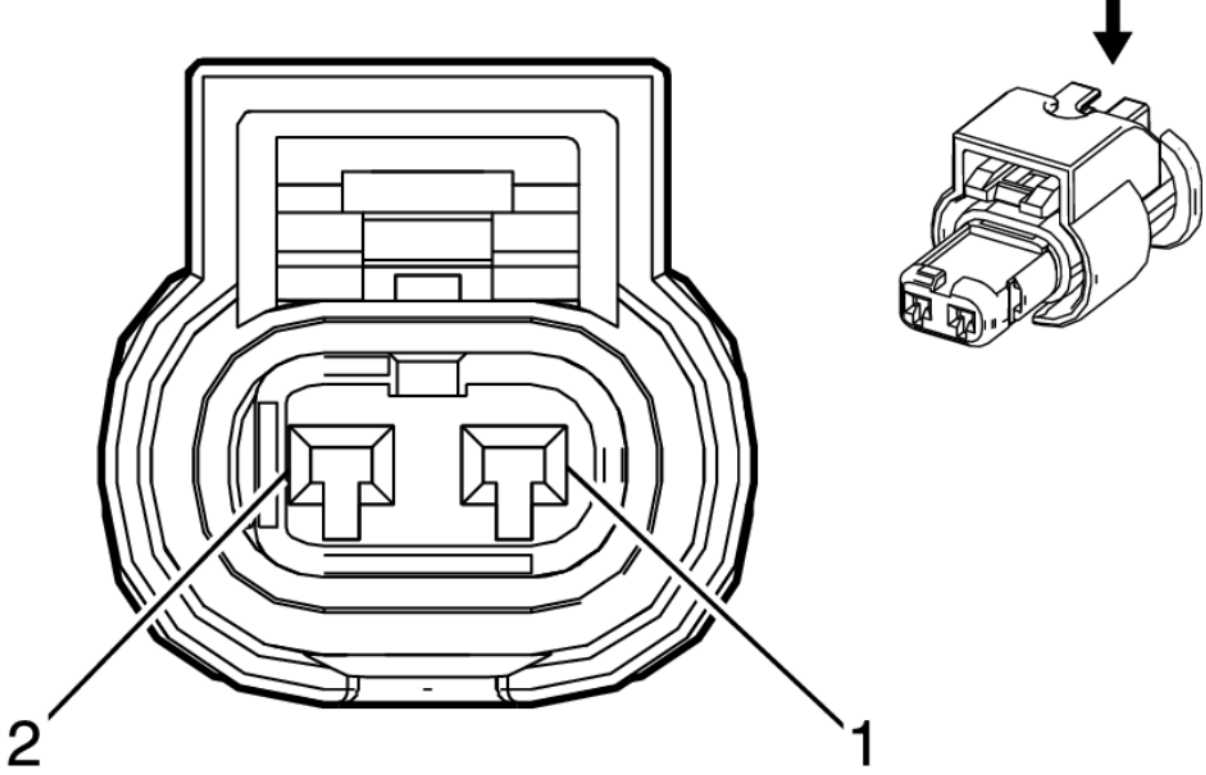
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BU	179	Oil Pump Command Signal	I	-

Q46 A/C COMPRESSOR SOLENOID VALVE (KL9)

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Connector Part Information

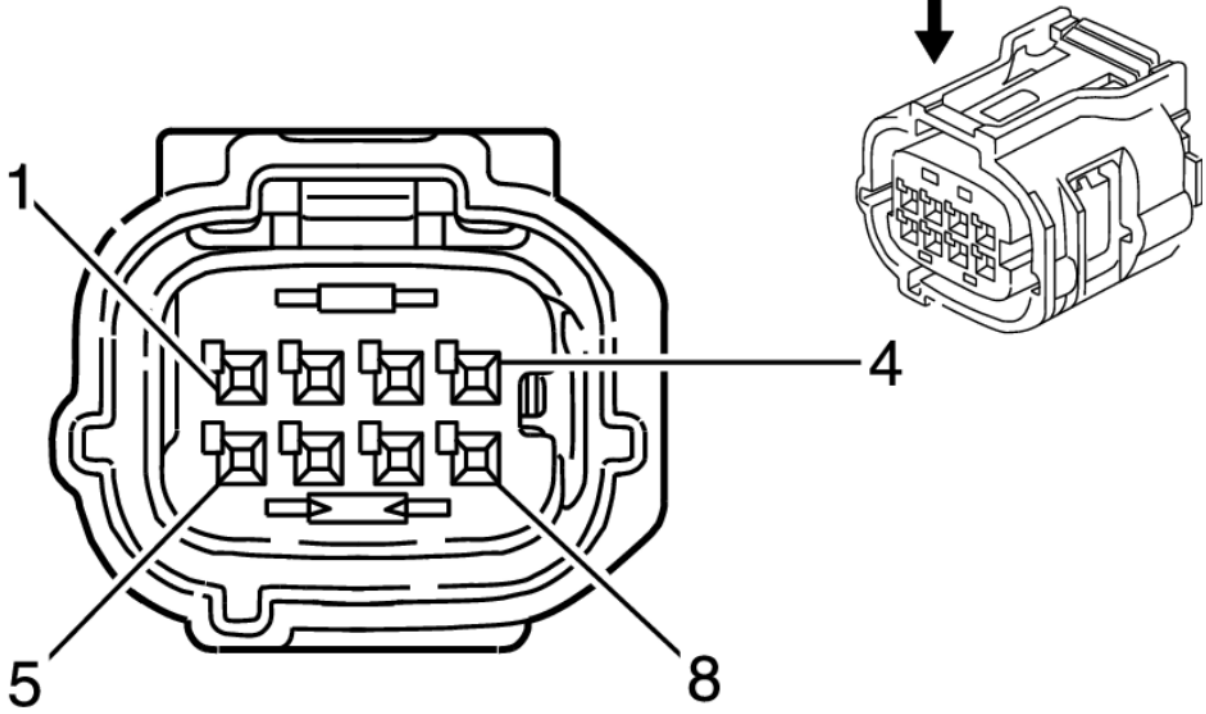
- Harness Type: Engine
- OEM Connector: 13927762
- Service Connector: 19299928
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/YE	7574	Electric Variable Displacement Control	I	-
2	0.5	BU/BN	7573	Electric Variable Displacement Supply	I	-

Q63 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP ASSEMBLY (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13524142
- Service Connector: 19352210
- Description: 8-Way F TS Series, Sealed (D-GY)

Terminal Part Information

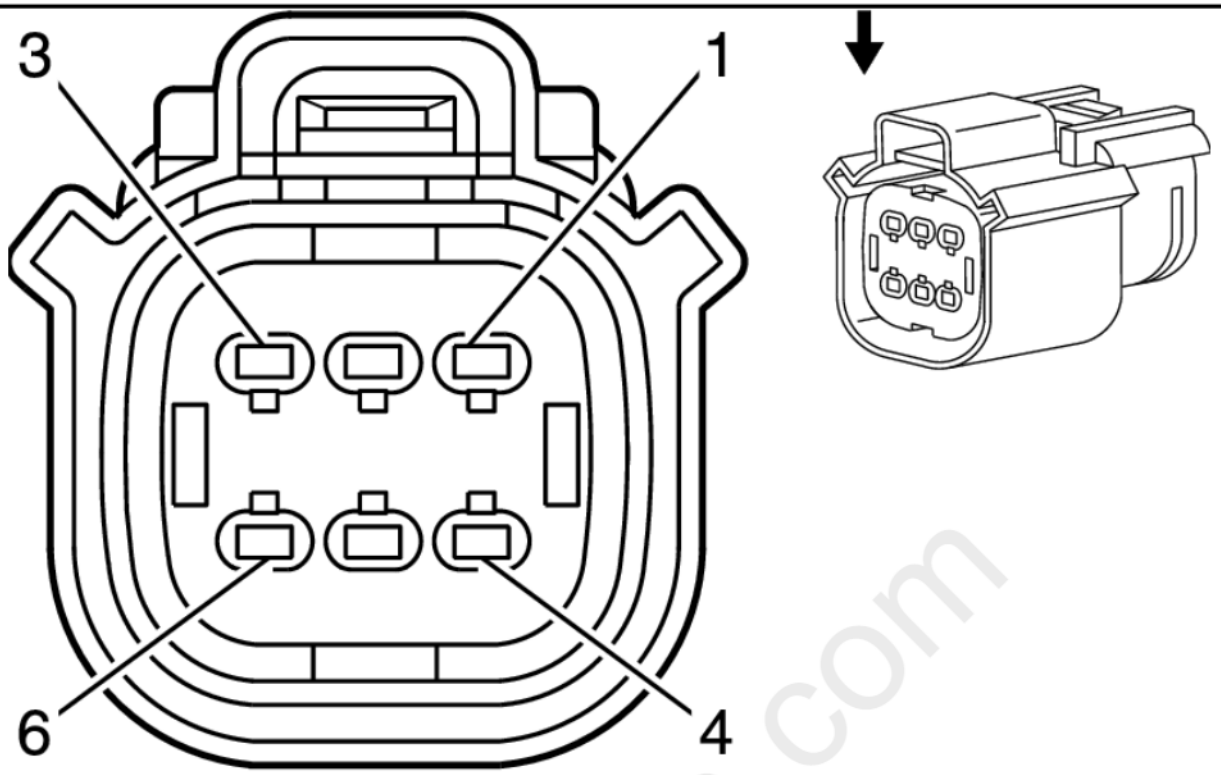
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	3723	EVAP Leak Check Module (ELCM) Changeover Valve Ground	I	-
2	0.5	BK	9999	-	I	-
3	0.5	RD/BU	840	Battery Positive Voltage	I	-
4	0.5	BU	3722	EVAP Leak Check Module (ELCM) Vacuum Pump Ground	I	-
5	0.5	RD/BU	840	Battery Positive Voltage	I	-
6	0.5	BN/RD	3724	EVAP Leak Check Module (ELCM) Pressure Sensor 5V Reference	I	-
7	0.5	BU/GN	3725	EVAP Leak Check Module (ELCM) Pressure Sensor Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-

Q66 PASSENGER COMPARTMENT HEATER COOLANT CONTROL VALVE (HP9)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15488871
- Service Connector: 13585853
- Description: 6-Way F 150 MX Series, Sealed (BK)

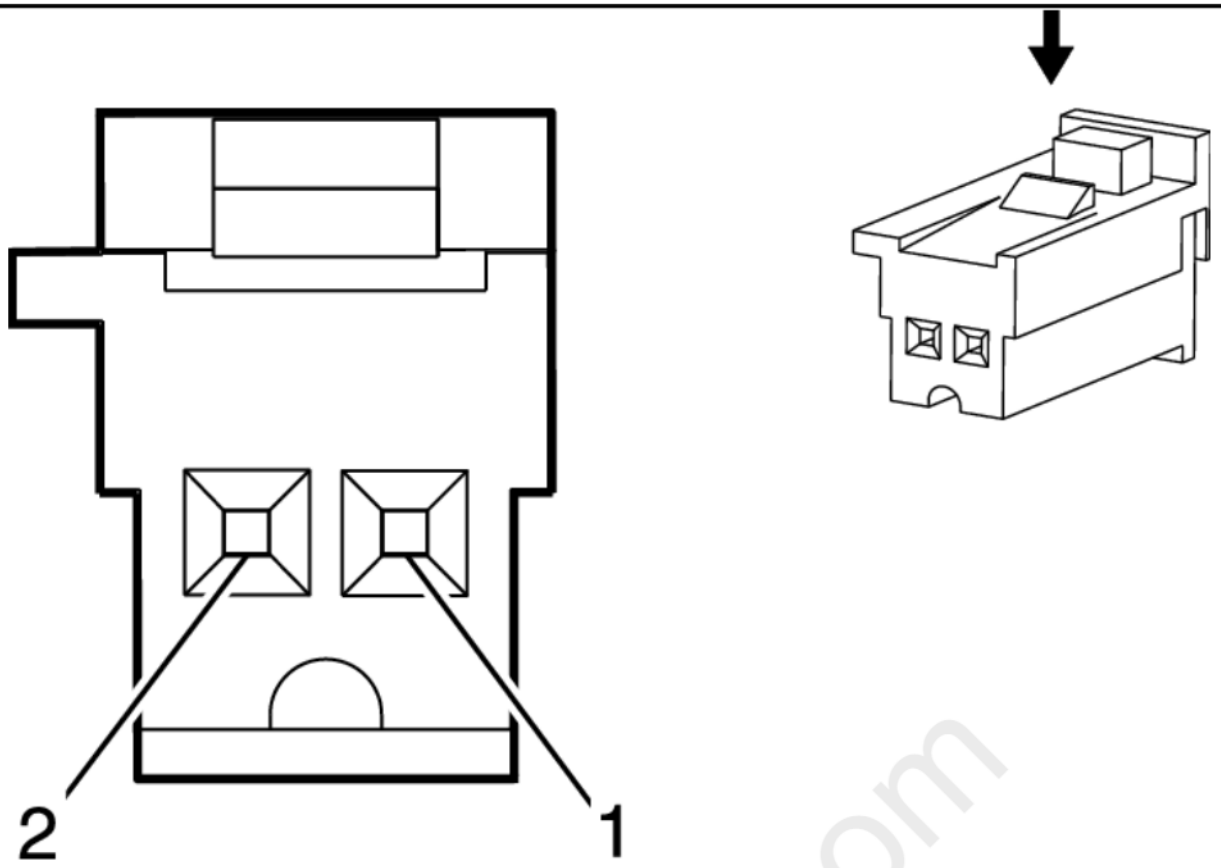
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/VT	3818	Rechargeable Energy Storage System Coolant HVAC Mode Motor High Control	I	-
2	0.5	WH/YE	3819	Rechargeable Energy Storage System Coolant HVAC Mode Motor Low Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	VT/BN	2028	Coolant Valve Position Sensor Signal	I	-
5	0.5	BK/BU	720	Sensor Low Reference	I	-
6	0.5	WH/RD	596	5V Reference	I	-

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Q77A TRANSMISSION CONTROL SOLENOID VALVE 1 (M5N/M5X)



Connector Part Information

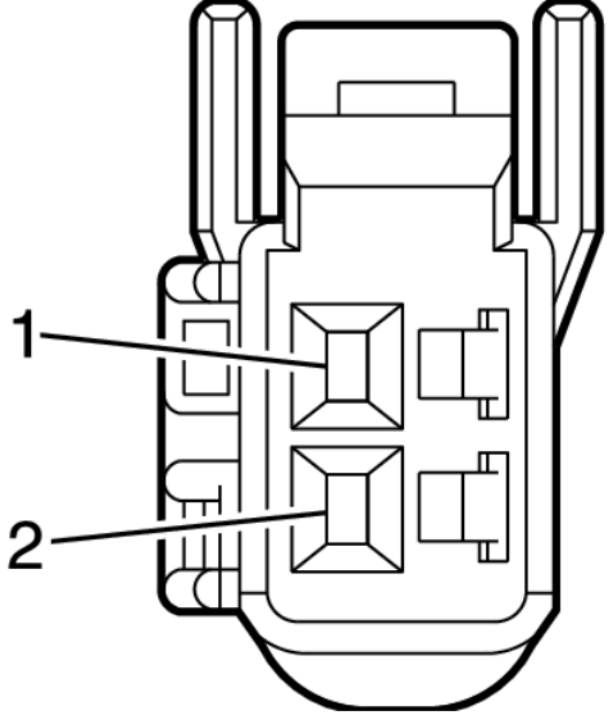
- Harness Type: Transmission Control
- OEM Connector: 13956948
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (VT)

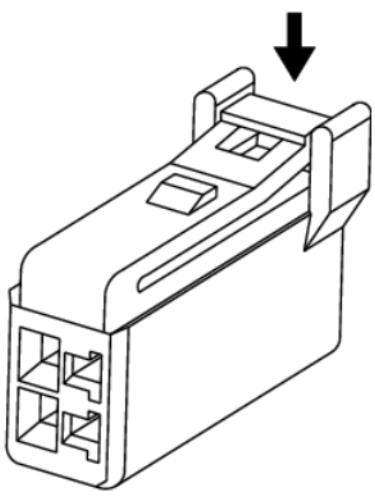
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6400	Clutch A Control	I	-
2	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-

Q77A TRANSMISSION CONTROL SOLENOID VALVE 1 (MRD)





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

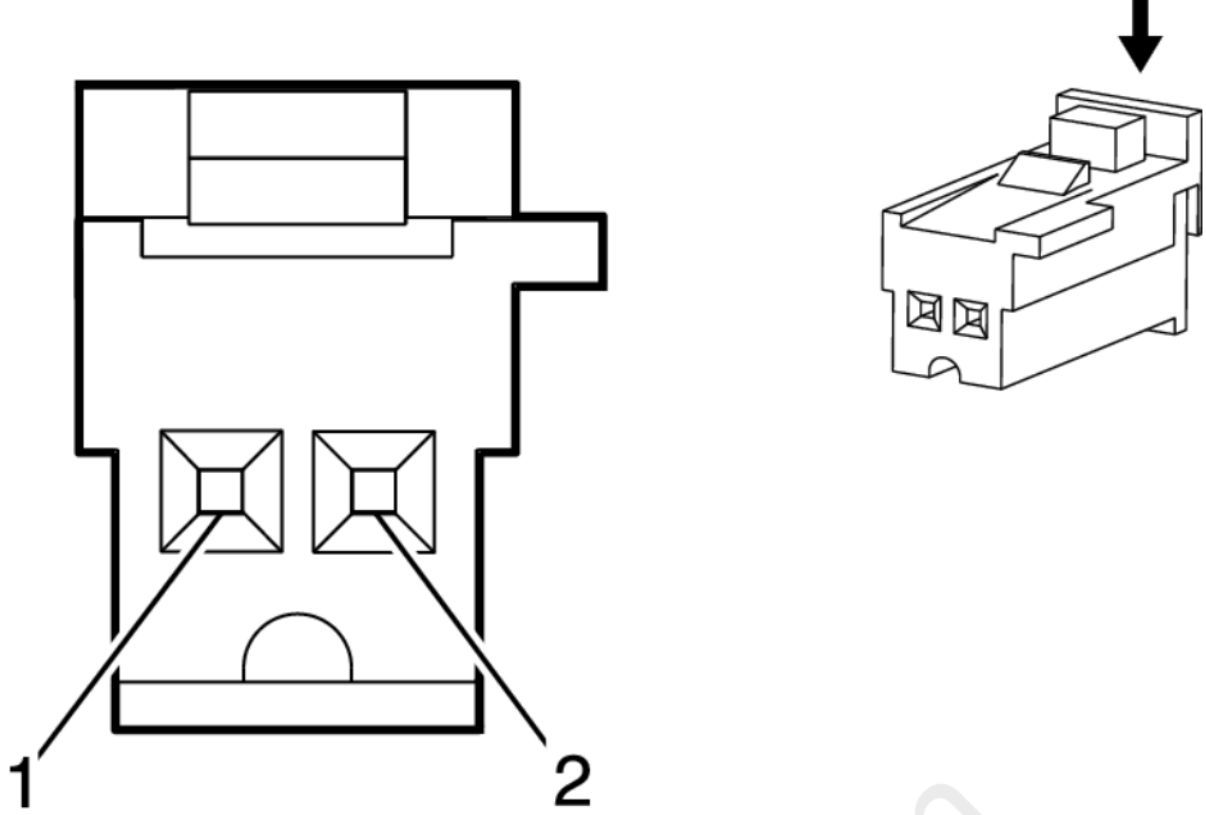
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6388	Transmission High Side Driver 2 Signal	I	-
2	0.5	TN	6400	Clutch A Control	I	-

Q77B TRANSMISSION CONTROL SOLENOID VALVE 2 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13941672
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (GY)

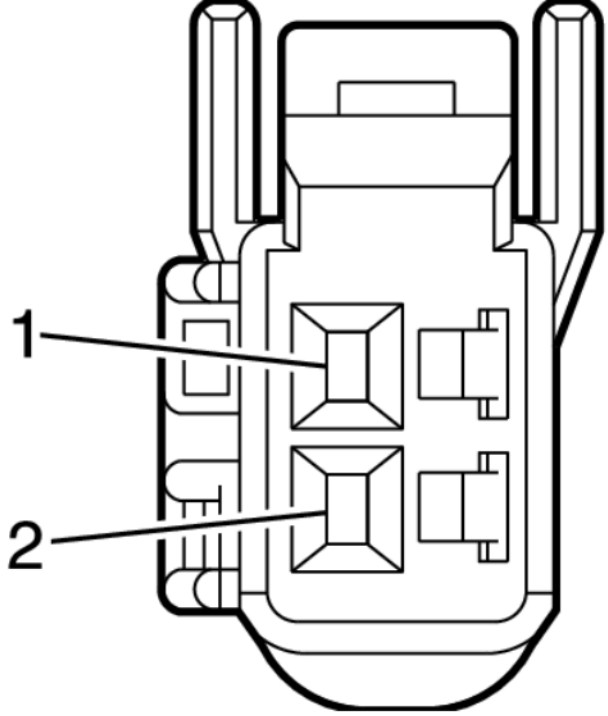
Terminal Part Information

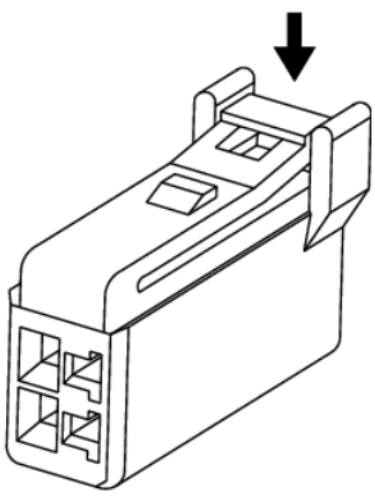
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	6401	Clutch B Control	I	-
2	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-

Q77B TRANSMISSION CONTROL SOLENOID VALVE 2 (MRD)

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Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

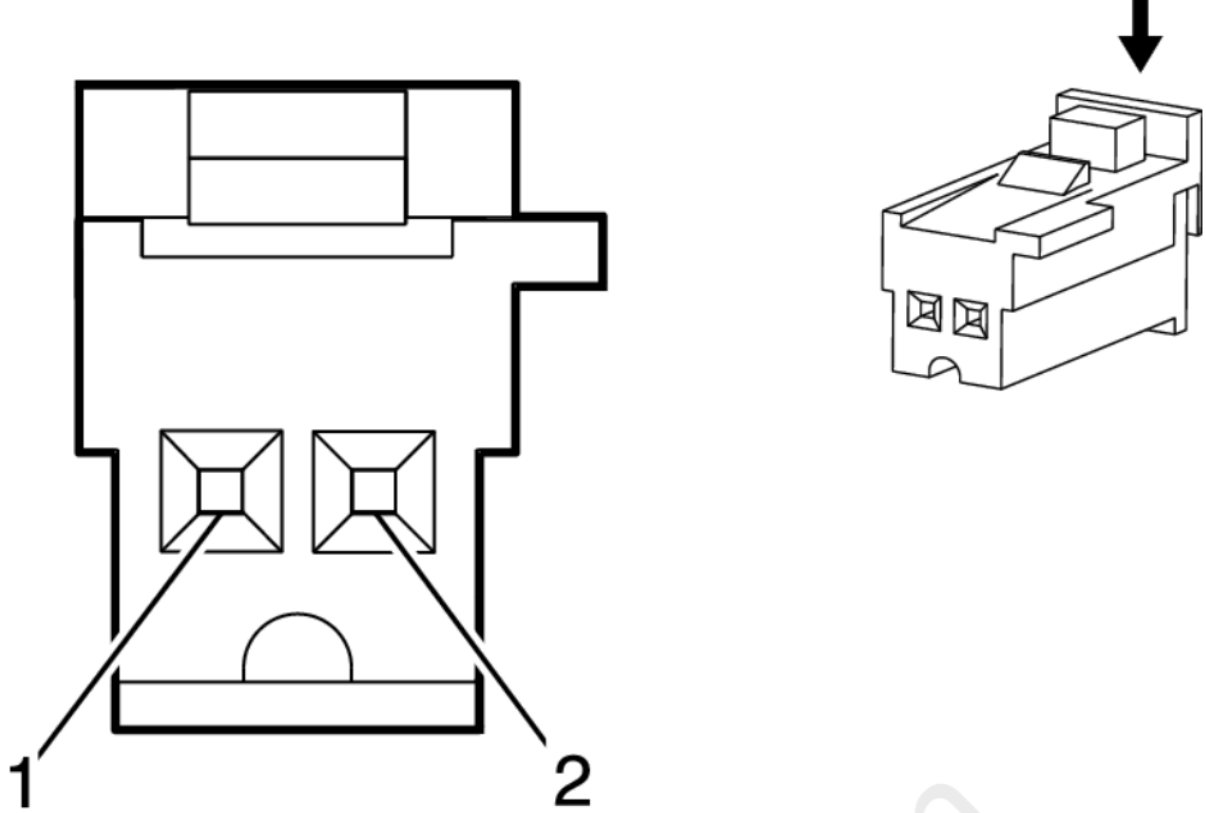
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	TN	4508	Transmission Clutch G Control	I	-

Q77C TRANSMISSION CONTROL SOLENOID VALVE 3 (M5N/M5X)

cardiagn.com



Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13941672
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (GY)

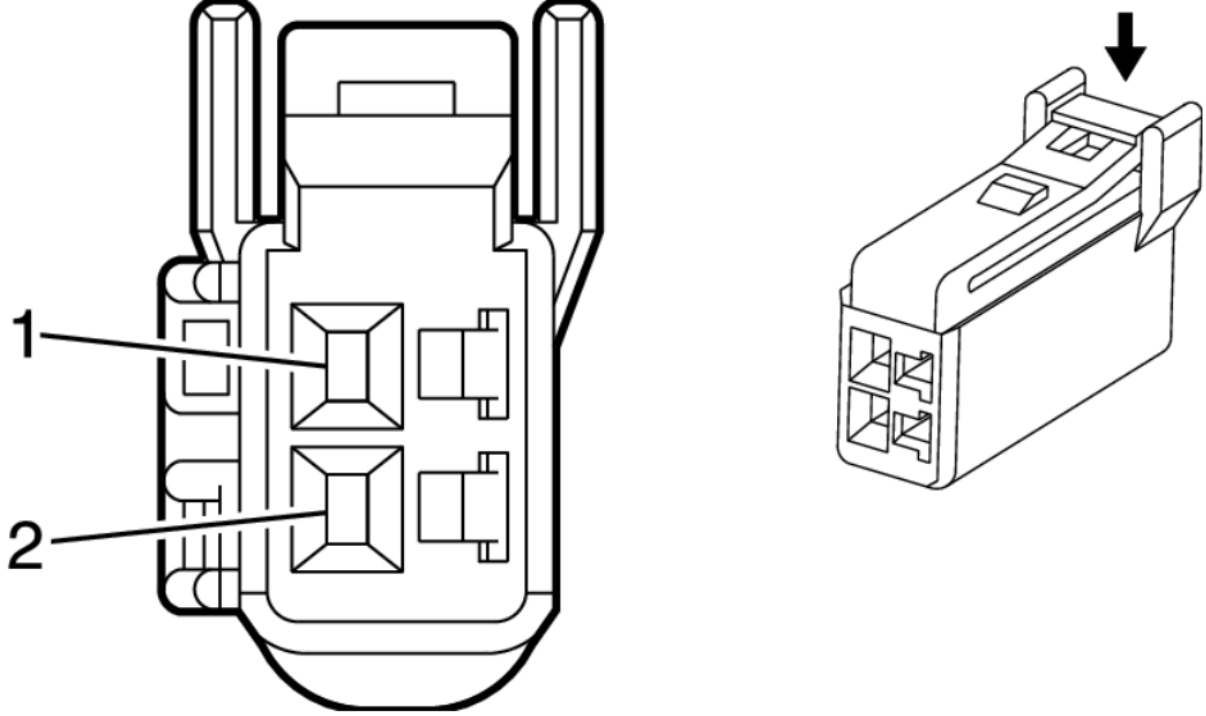
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	6402	Clutch C Control	I	-
2	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-

Q77C TRANSMISSION CONTROL SOLENOID VALVE 3 (MRD)

carmagn.com



Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

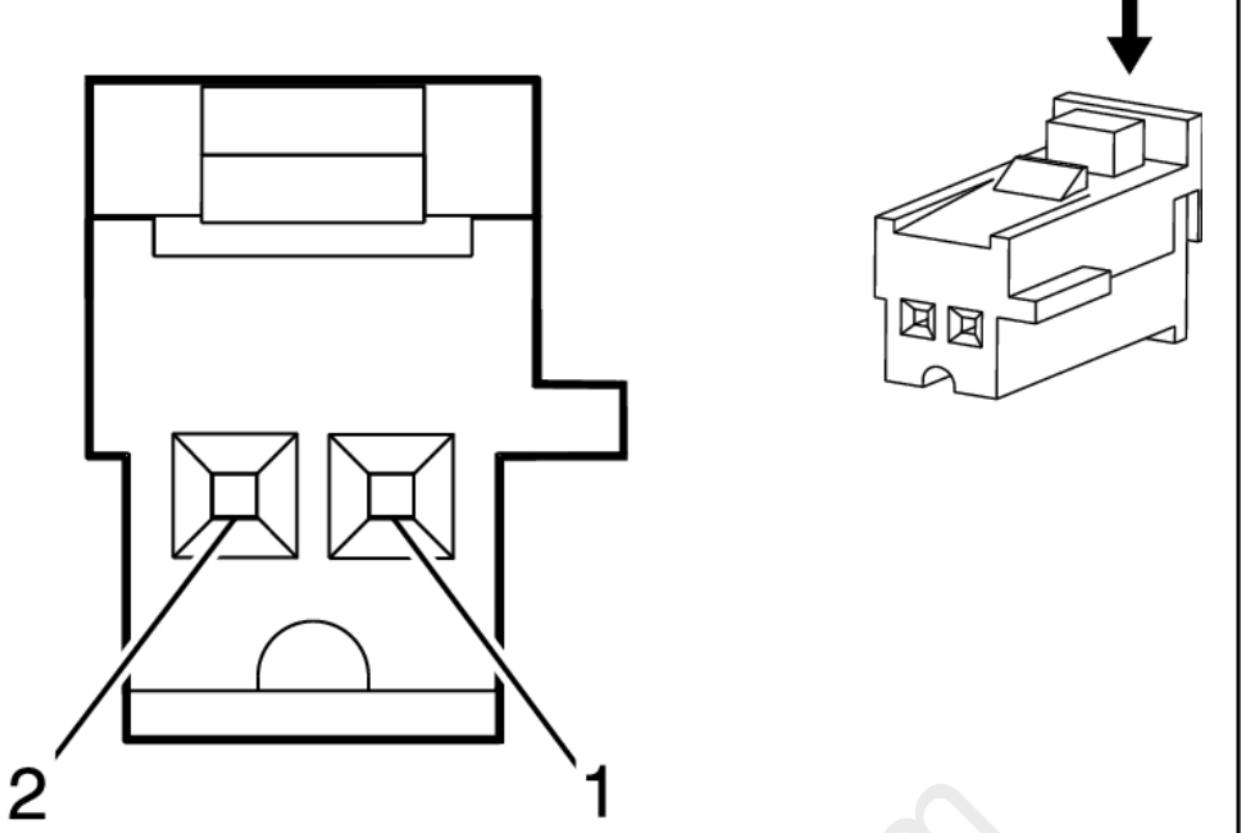
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6388	Transmission High Side Driver 2 Signal	I	-
2	0.5	PK	6401	Clutch B Control	I	-

Q77D TRANSMISSION CONTROL SOLENOID VALVE 4 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13947283
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (NA)

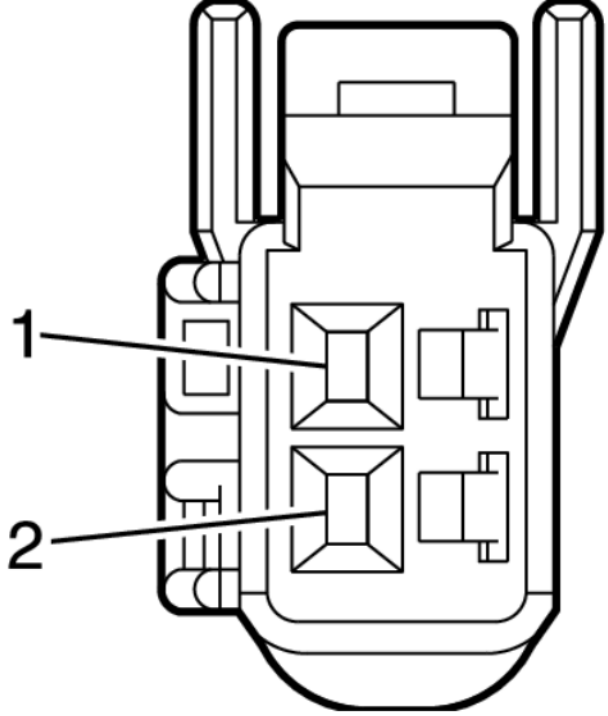
Terminal Part Information

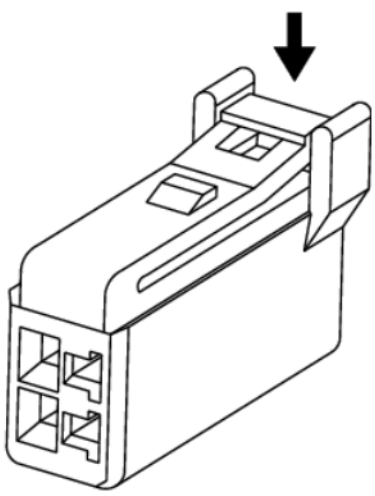
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	4508	Transmission Clutch G Control	I	-
2	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-

Q77D TRANSMISSION CONTROL SOLENOID VALVE 4 (MRD)

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Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

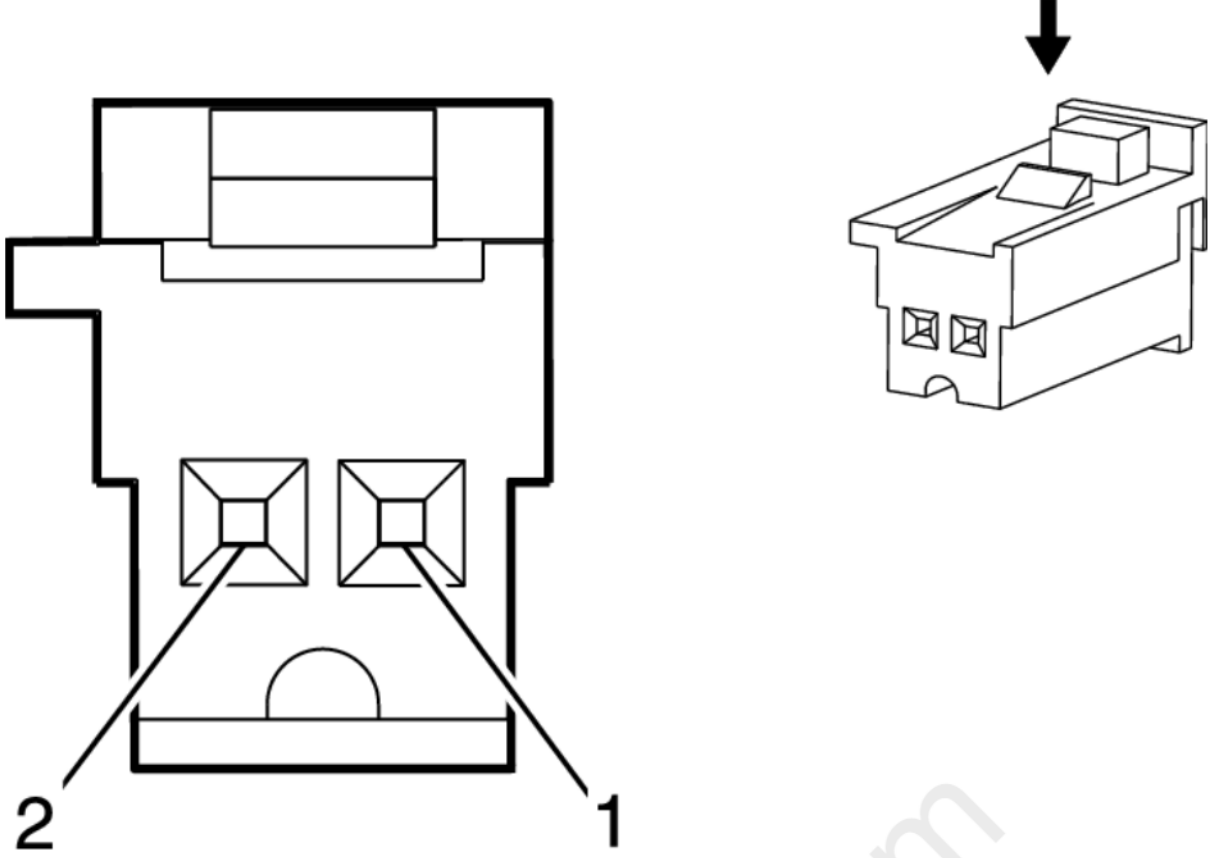
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	PK	4507	Transmission Clutch H Control	I	-

Q77E TRANSMISSION CONTROL SOLENOID VALVE 5 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13956948
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (VT)

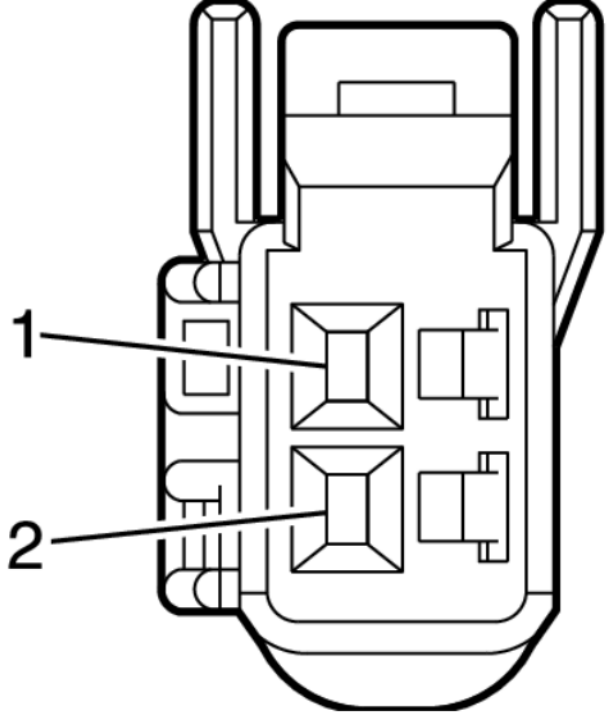
Terminal Part Information

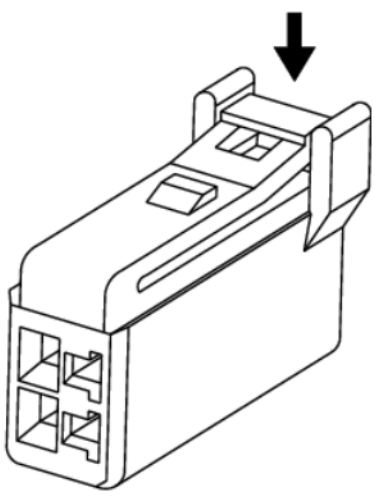
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4507	Transmission Clutch H Control	I	-
2	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-

Q77E TRANSMISSION CONTROL SOLENOID VALVE 5 (MRD)

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Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

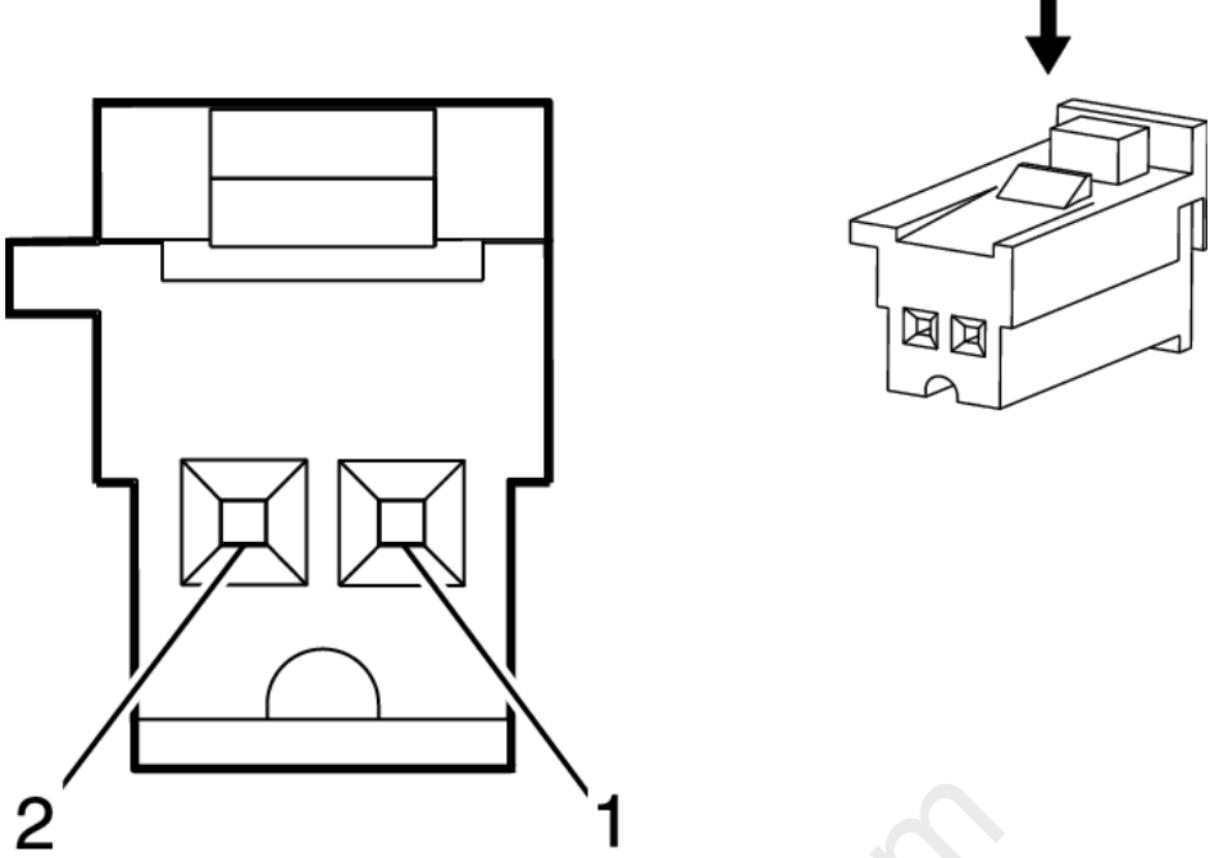
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6388	Transmission High Side Driver 2 Signal	I	-
2	0.5	PK	4509	Transmission Clutch F Control	I	-

Q77F TRANSMISSION CONTROL SOLENOID VALVE 6 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13956948
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (VT)

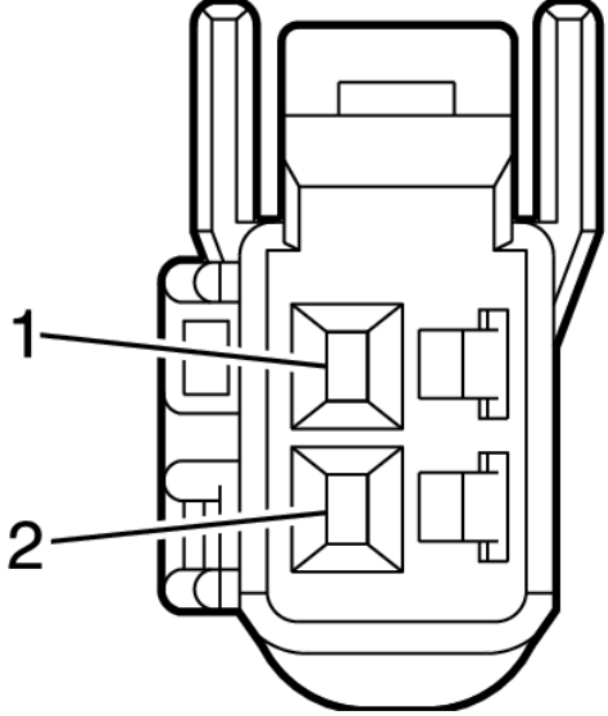
Terminal Part Information

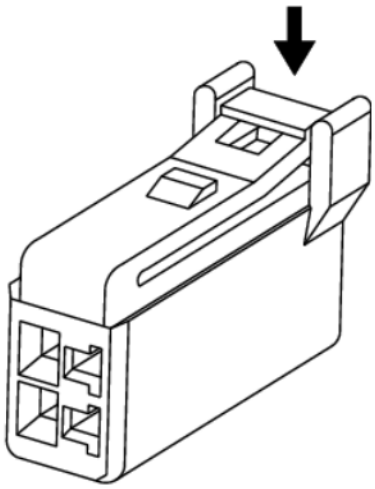
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/GN	6403	Clutch D Control	I	-
2	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-

Q77F TRANSMISSION CONTROL SOLENOID VALVE 6 (MRD)

carDiagn.com





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

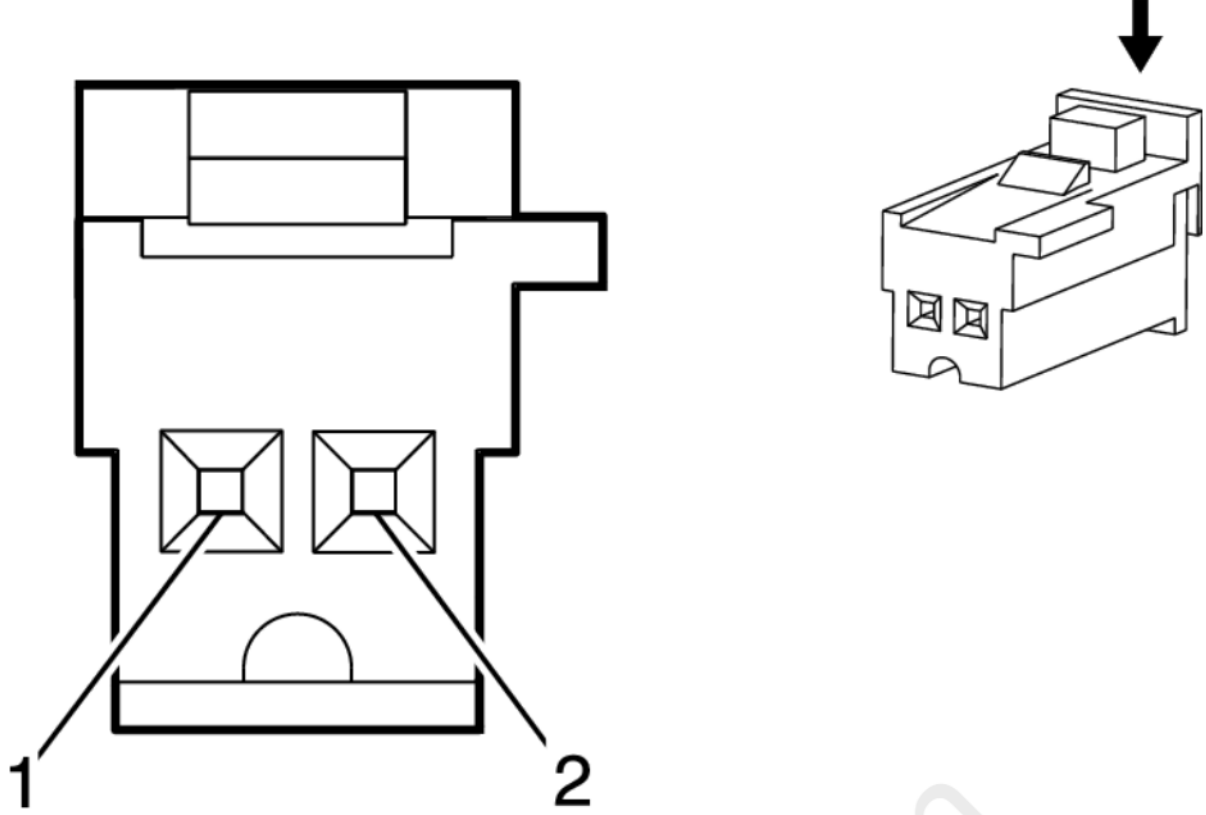
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	6388	Transmission High Side Driver 2 Signal	I	-
2	0.5	TN	6403	Clutch D Control	I	-

Q77G TRANSMISSION CONTROL SOLENOID VALVE 7 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 13941672
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 MTS Series (GY)

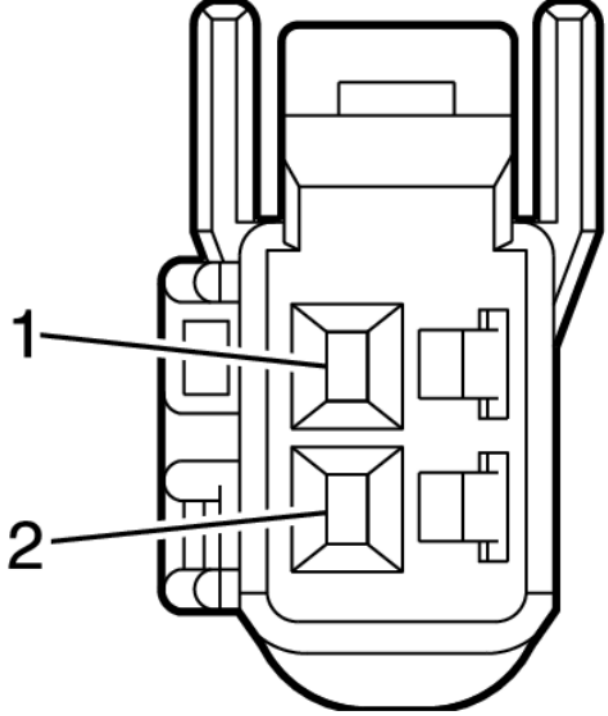
Terminal Part Information

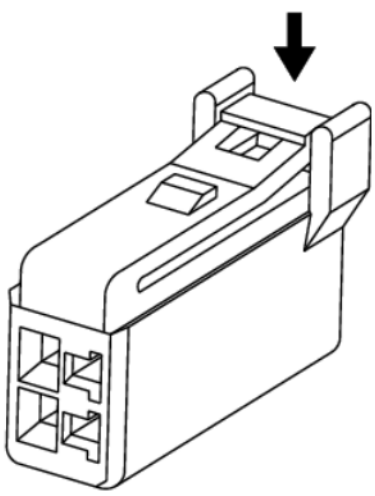
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	6404	Clutch E Control	I	-
2	0.5	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-

Q77H TRANSMISSION CONTROL SOLENOID VALVE 8 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

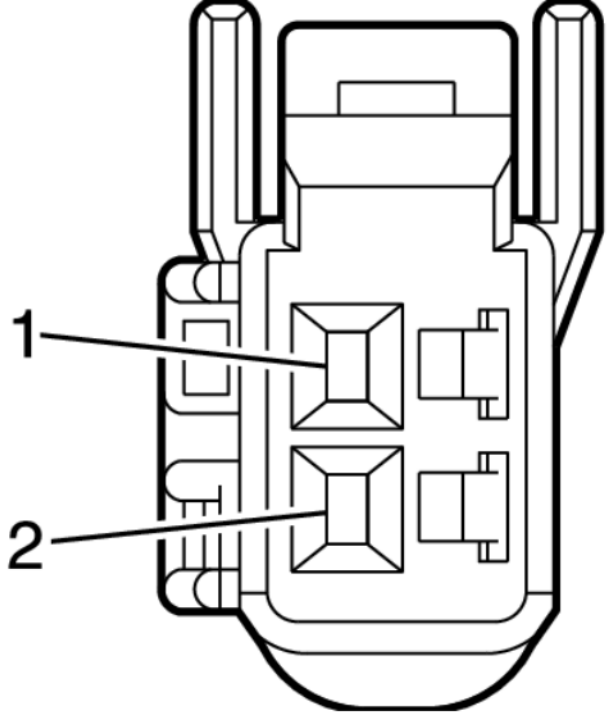
Terminal Part Information

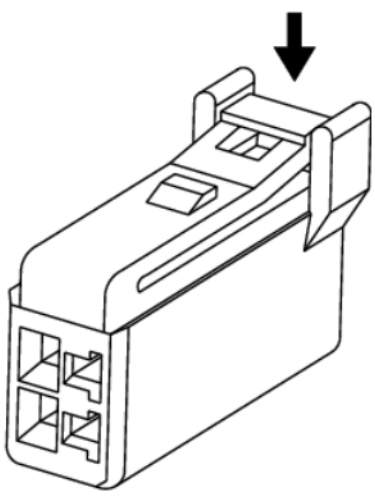
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	6380	TCC On/Off Solenoid A Control	I	-
2	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-

Q77J TRANSMISSION CONTROL SOLENOID VALVE 9 (M5N/M5X)

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Connector Part Information

- Harness Type: Transmission Control
- OEM Connector: 7287-0122
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 040 III Series

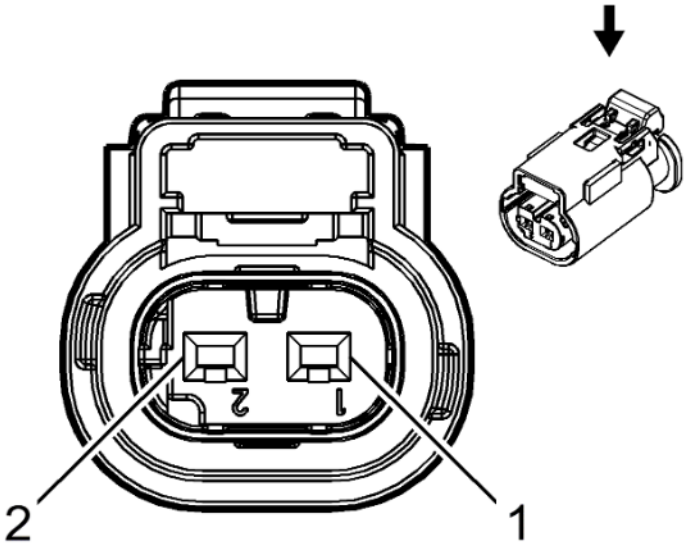
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	6210	TCC On/Off Solenoid B Control	I	-
2	0.5	GY/GN	6388	Transmission High Side Driver 2 Signal	I	-

Q83A VALVE LIFTER OIL SOLENOID VALVE - BANK 1 (LGW/LGX)

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Connector Part Information

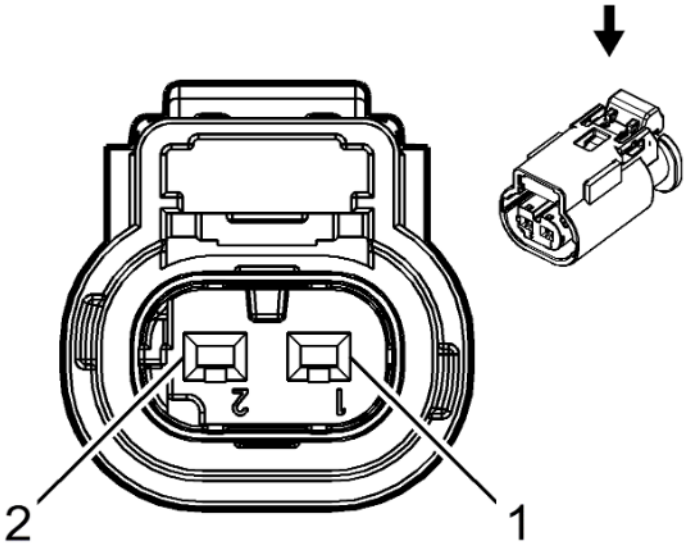
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-

Q83B VALVE LIFTER OIL SOLENOID VALVE - BANK 2 (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

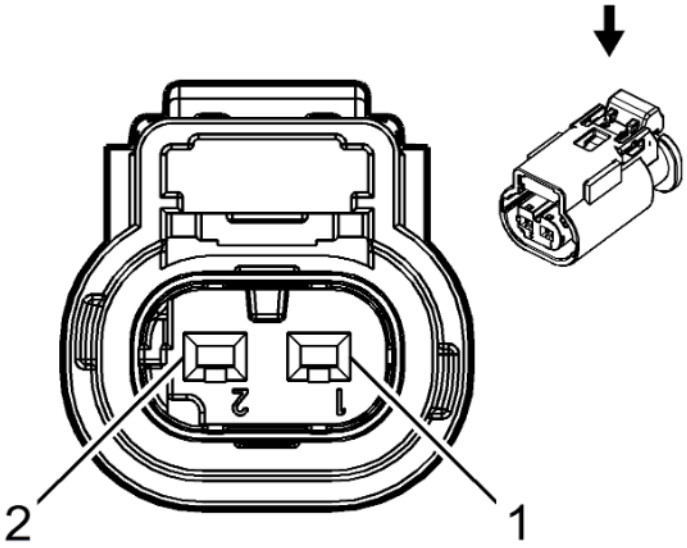
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN	5492	Cylinder Shutoff Solenoid Control 2	I	-

Q84A CAMSHAFT POSITION ACTUATOR PARK LOCK SOLENOID VALVE - BANK 1 INTAKE (LGW/LGX)

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Connector Part Information

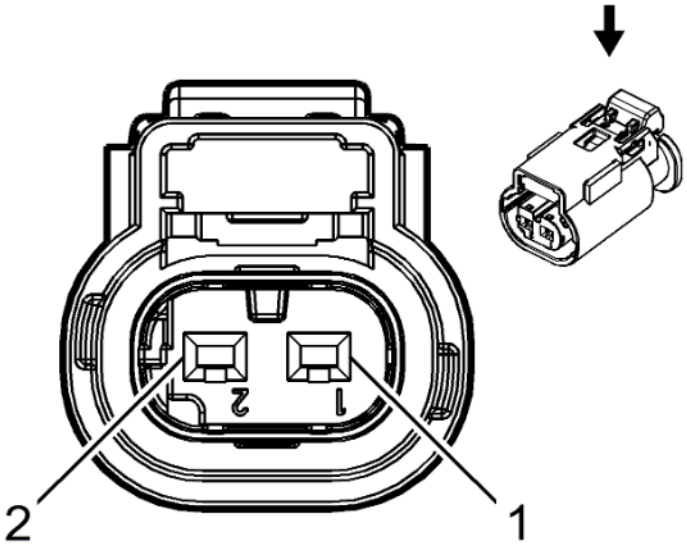
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GY/GN	587	Skip/Shift Solenoid Control	I	-

Q84B CAMSHAFT POSITION ACTUATOR PARK LOCK SOLENOID VALVE - BANK 2 INTAKE (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

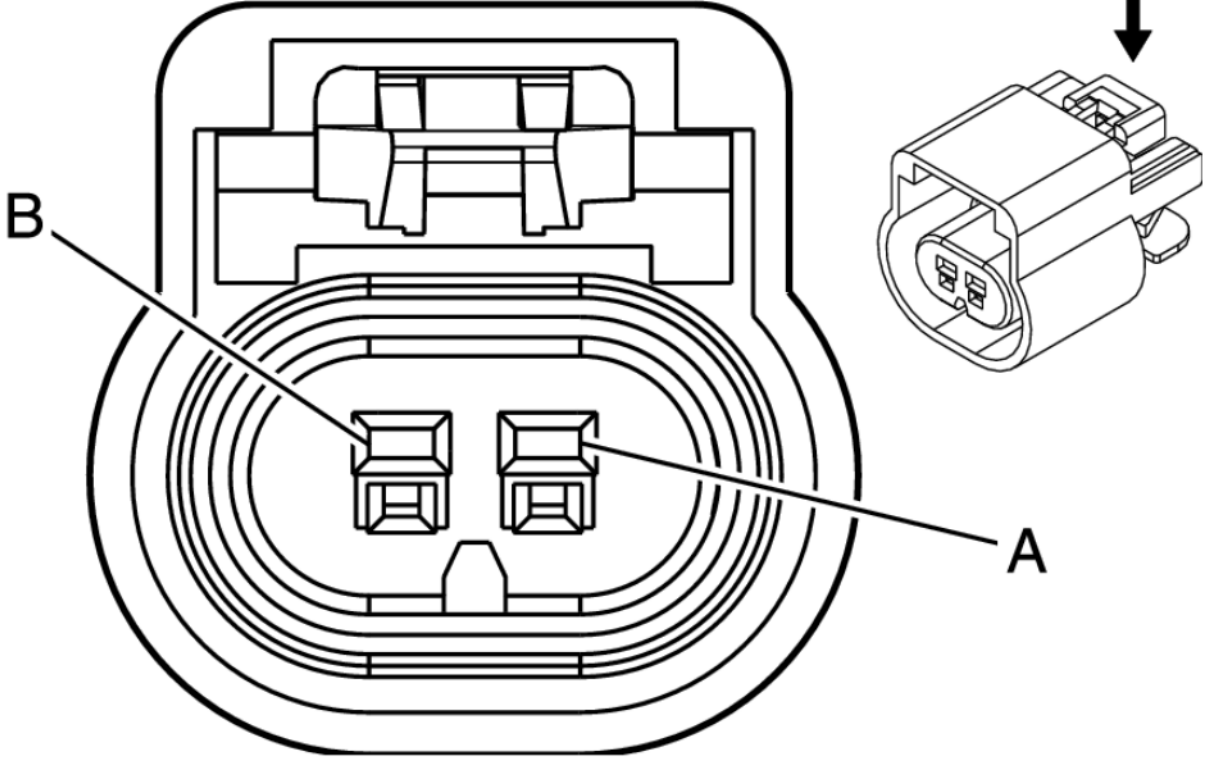
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	YE/GN	4321	Park Phaser Lock Control	I	-

R6A TERMINATING RESISTOR - MID SPEED BUS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13510085
- Service Connector: 13580114
- Description: 2-Way F 150 GT Series, Sealed (BK)

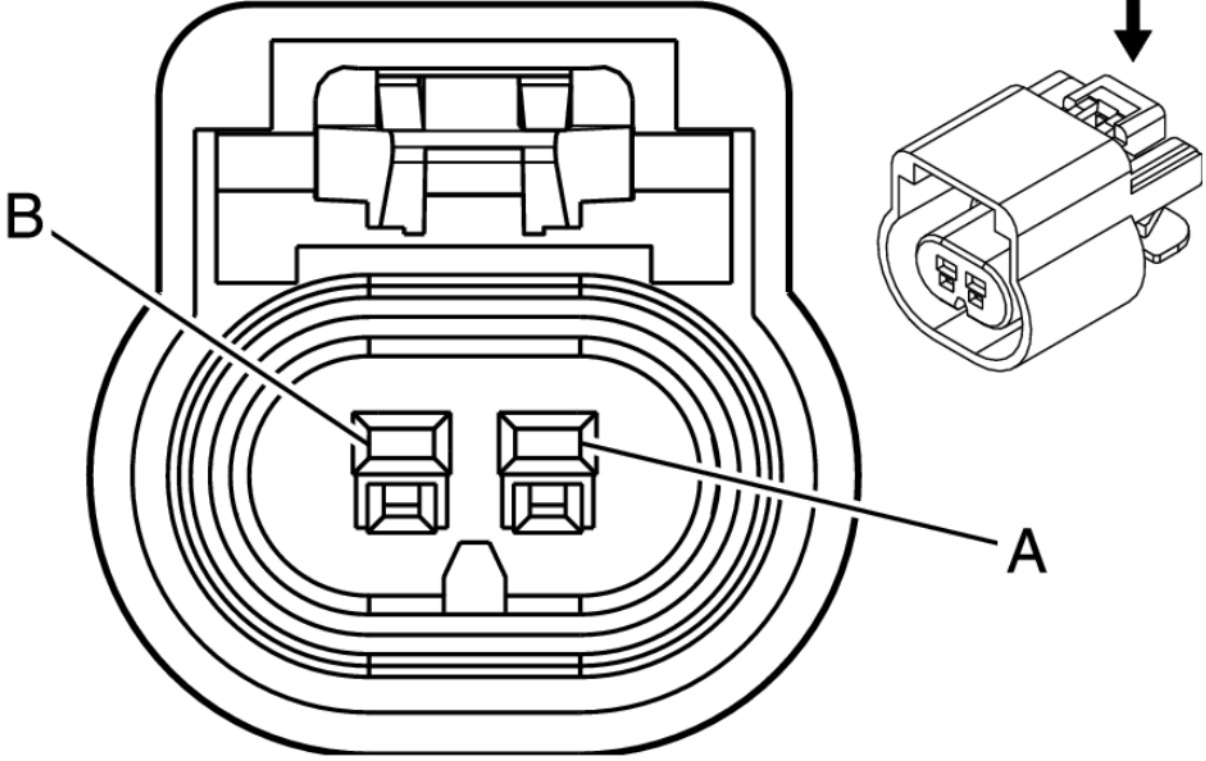
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
B	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-

R6E TERMINATING RESISTOR - HIGH SPEED EXTENSION BUS 1

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13510085
- Service Connector: 13580114
- Description: 2-Way F 150 GT Series, Sealed (BK)

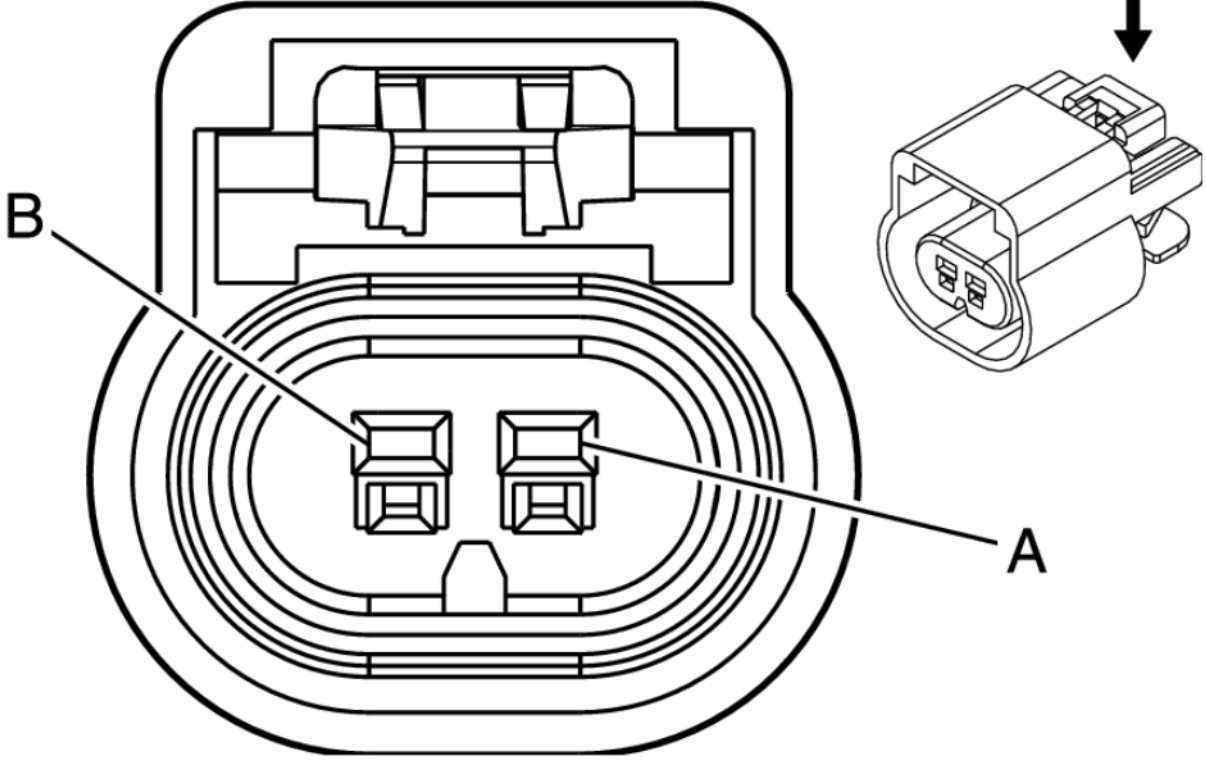
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-
B	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-

R6F TERMINATING RESISTOR - HIGH SPEED EXTENSION BUS 2 ((UQA/UQS)+KL9))

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Connector Part Information

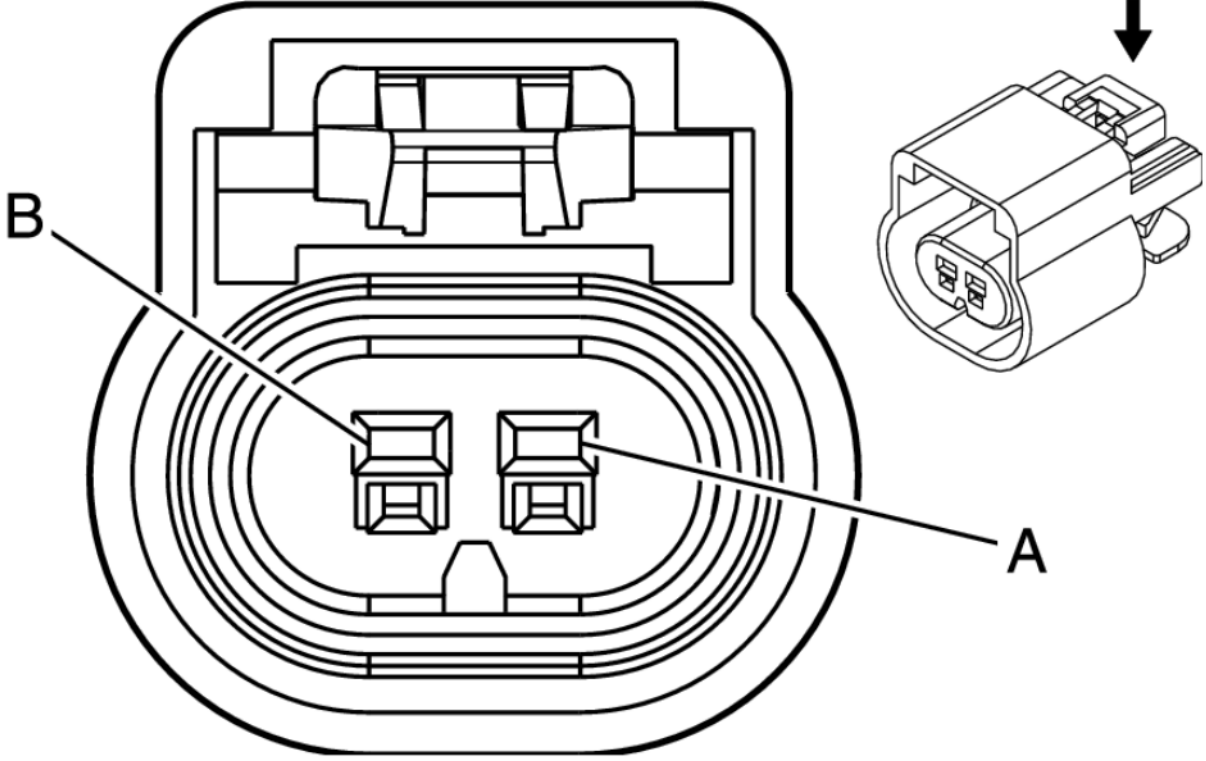
- Harness Type: Instrument Panel
- OEM Connector: 13510085
- Service Connector: 13580114
- Description: 2-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
B	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-

R6F TERMINATING RESISTOR - HIGH SPEED EXTENSION BUS 2 (UQH/(UQA/UQS)+HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13510085
- Service Connector: 13580114
- Description: 2-Way F 150 GT Series, Sealed (BK)

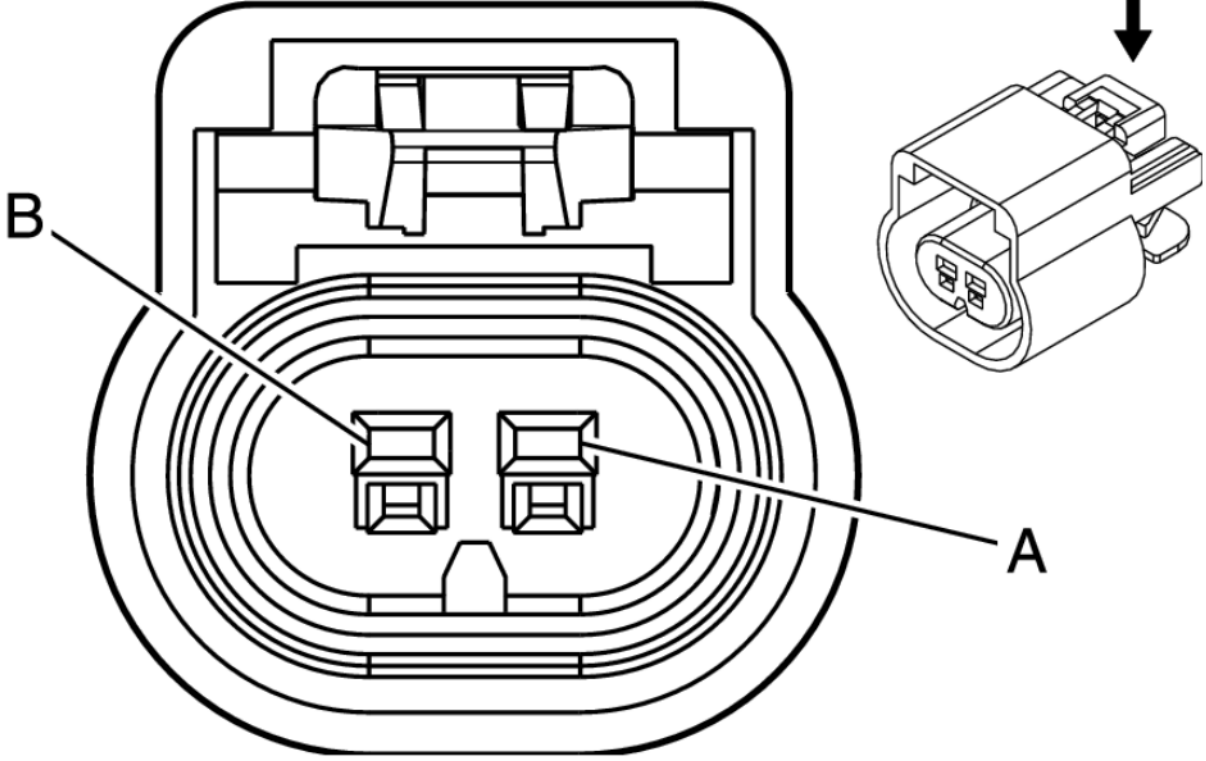
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
B	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-

R6G TERMINATING RESISTOR - HIGH VOLTAGE ENERGY MANAGEMENT BUS ((UQA/UQS)+KL9)

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Connector Part Information

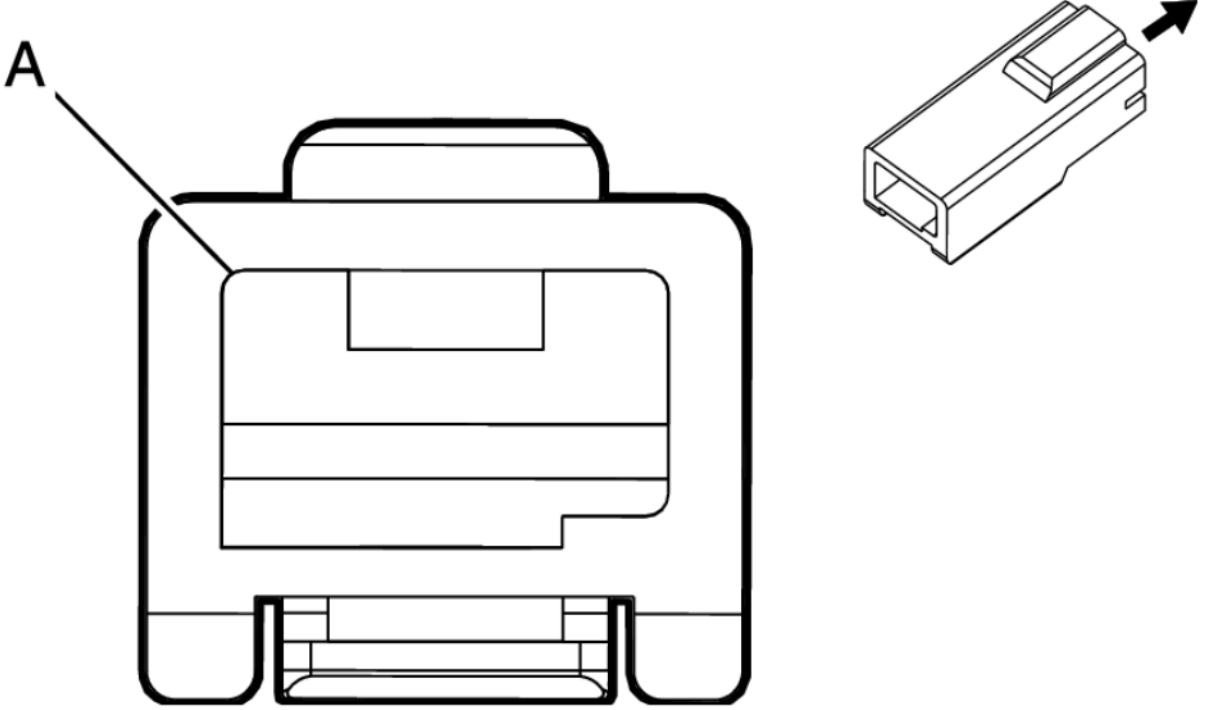
- Harness Type: Instrument Panel
- OEM Connector: 13510085
- Service Connector: 13580114
- Description: 2-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH	6432	CAN Bus Low Serial Data	I	-
B	0.5	BU/GN	6433	CAN Bus High Serial Data	I	-

R14L REAR WINDOW DEFOGGER NOISE FILTER - LEFT



Connector Part Information

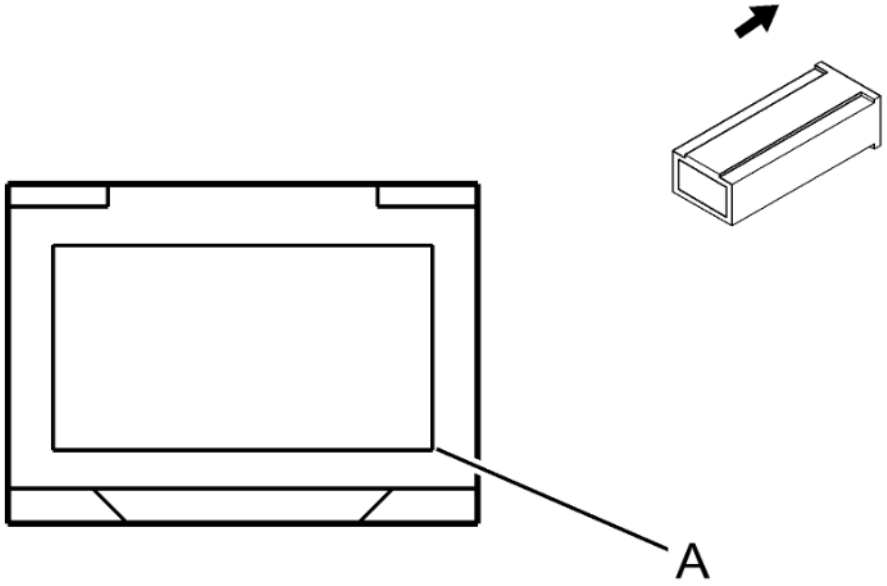
- Harness Type: Body
- OEM Connector: 13705266
- Service Connector: 19301743
- Description: 1-Way F 630 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	5	BN/VT	293	Rear Defog Element Control	I	-

R14R REAR WINDOW DEFOGGER NOISE FILTER - RIGHT



Connector Part Information

- Harness Type: Rear Window Defogger
- OEM Connector: 13129191
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F 6.3 Series (BK)

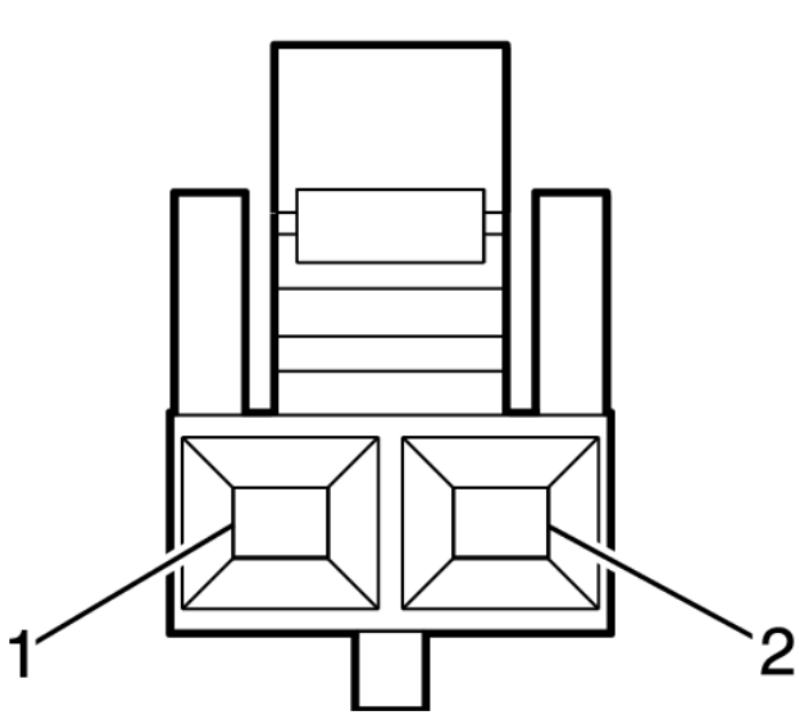
Terminal Part Information

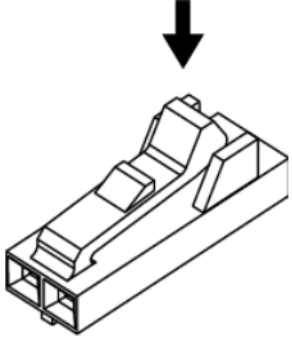
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	3050	Ground	I	-
A	-	-	-	Not Occupied	-	-

S2L TRANSMISSION MANUAL SHIFT SWITCH - LEFT

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Connector Part Information

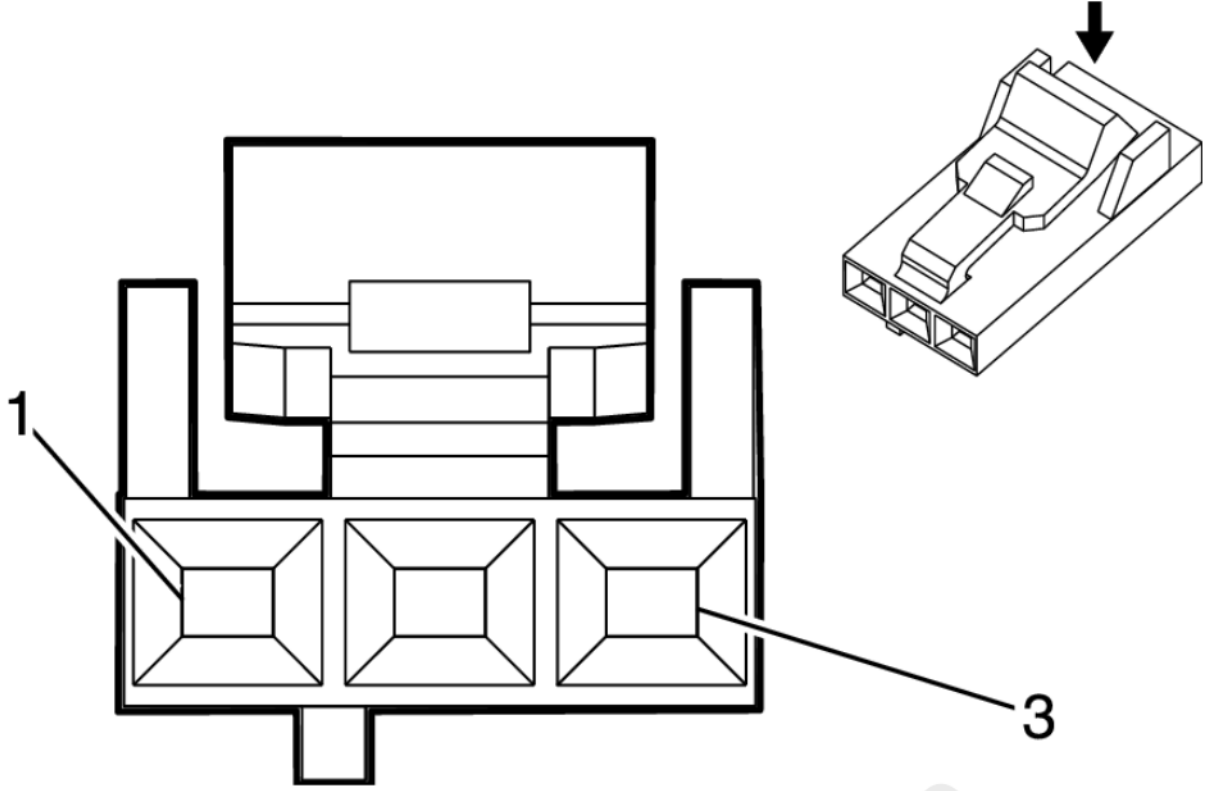
- Harness Type: Steering Wheel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 104257-2

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1350	Ground	I	-
2	0.35	GN	5525	Tap Up/Tap Down Enable Signal	I	-

S2R TRANSMISSION MANUAL SHIFT SWITCH - RIGHT



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 104257-1

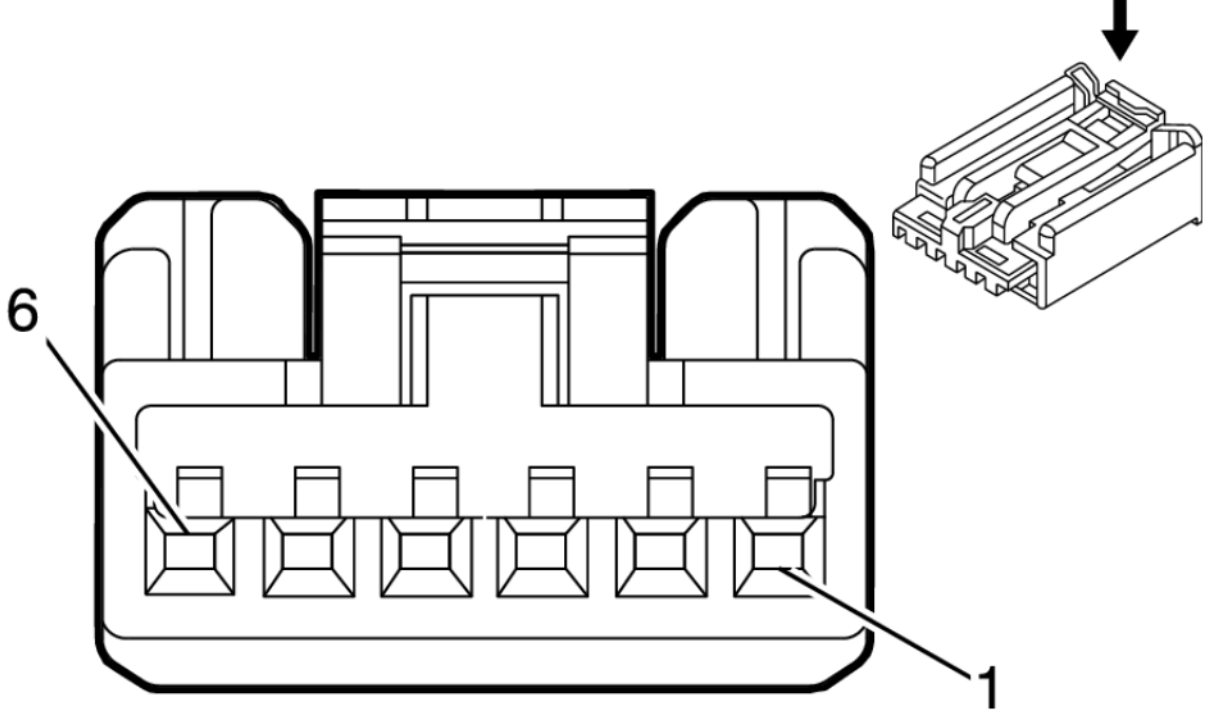
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
2	0.35	BK	1350	Ground	I	-
3	0.35	GN	5525	Tap Up/Tap Down Enable Signal	I	-

S3 TRANSMISSION SHIFT LEVER

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

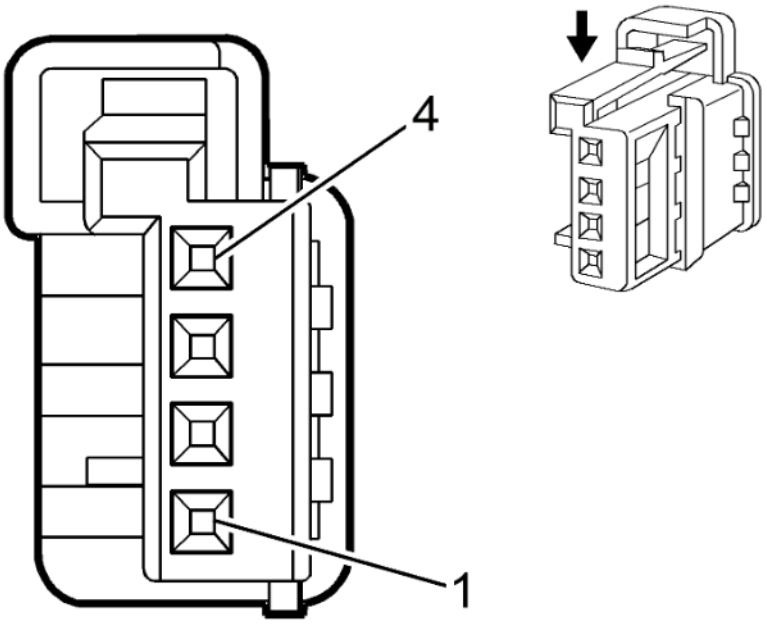
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BK	1450	Ground	I	-
3	0.35	GY/VT	755	RAP Relay Coil Control	I	-
4	0.35	VT/BK	7553	Park Lock Solenoid Control	I	-
5	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
6	0.35	WH/VT	5905	Key Capture/Column Lock Shift Position Signal	I	-

S13D DOOR LOCK SWITCH - DRIVER

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13597457
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

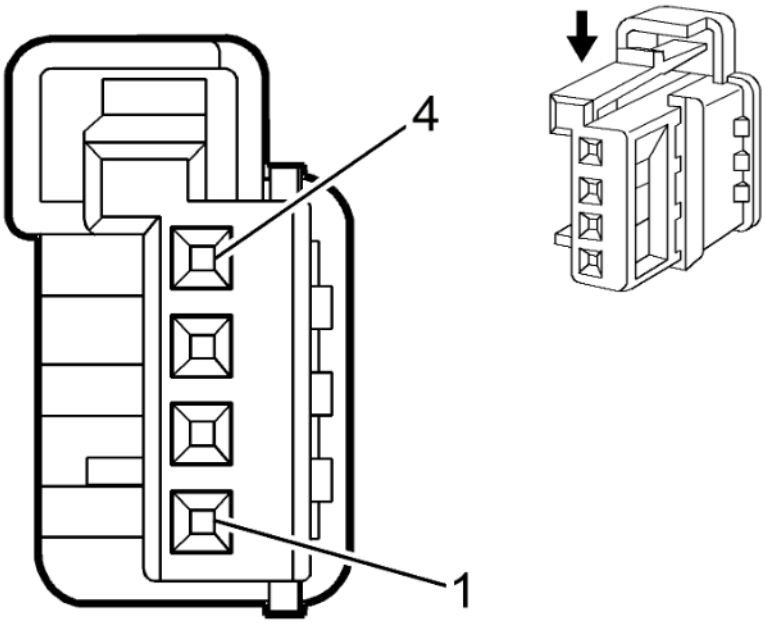
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	I	-
3	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	I	-
4	0.35	BK	2150	Ground	I	-

S13P DOOR LOCK SWITCH - PASSENGER

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Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13597457
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	YE/VT	244	Passenger Door Lock Switch Lock Control	I	-
3	0.35	BN/VT	245	Passenger Door Lock Switch Unlock Control	I	-
4	0.35	BK	2250	Ground	I	-

S15 MANUAL SERVICE DISCONNECT X2 (HP9)

-

Connector Part Information

- Harness Type: Battery Energy Storage
- OEM Connector: E02393900
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-

S15 MANUAL SERVICE DISCONNECT X3 (HP9)

-

Connector Part Information

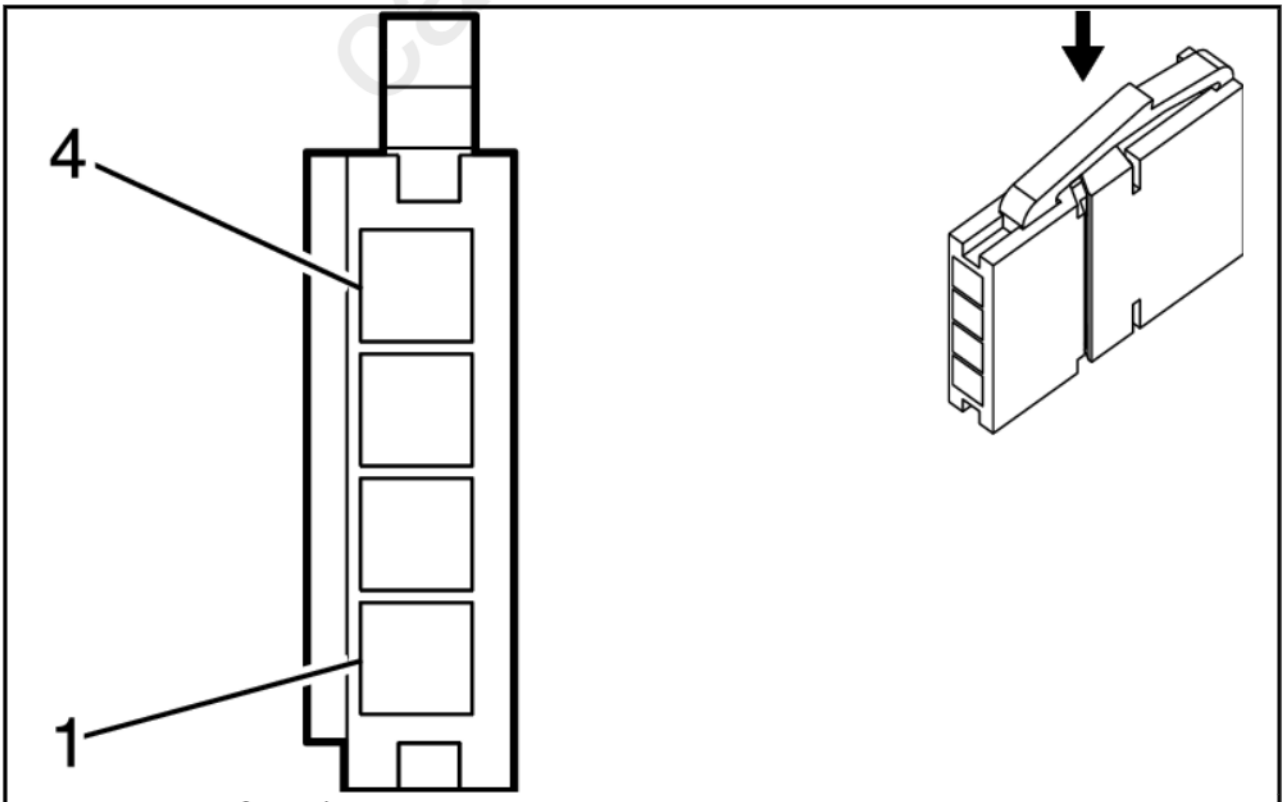
- Harness Type: Battery Energy Storage
- OEM Connector: E02393900
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5083	High Voltage Battery (-)	I	-

S25 GARAGE DOOR OPENER (UG1)



Connector Part Information

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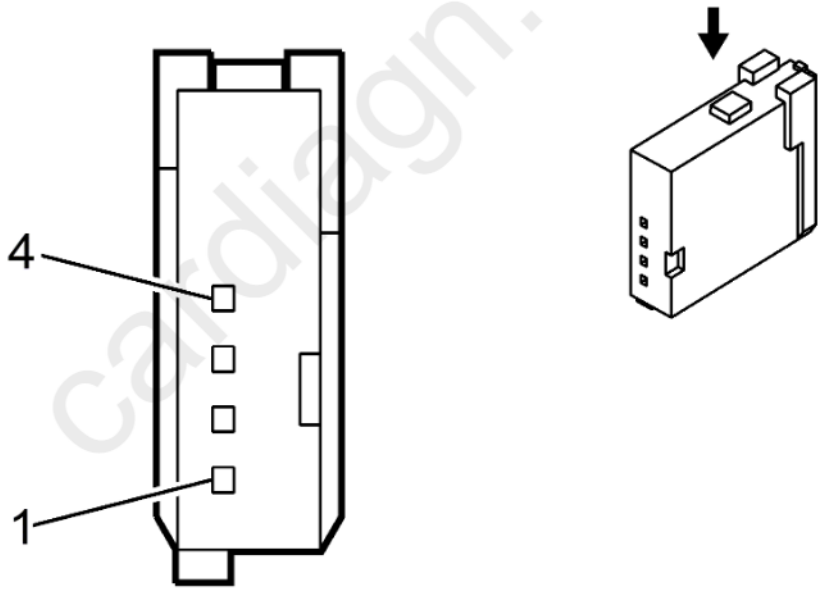
- Harness Type: Headliner
- OEM Connector: 13879342
- Service Connector: 19300600
- Description: 4-Way F f13601803 (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	4540	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	1450	Ground	I	-

S27 HEAD-UP DISPLAY SWITCH (UV6)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13820711
- Service Connector: 19300398
- Description: 4-Way F 0.64 Series (BK)

Terminal Part Information

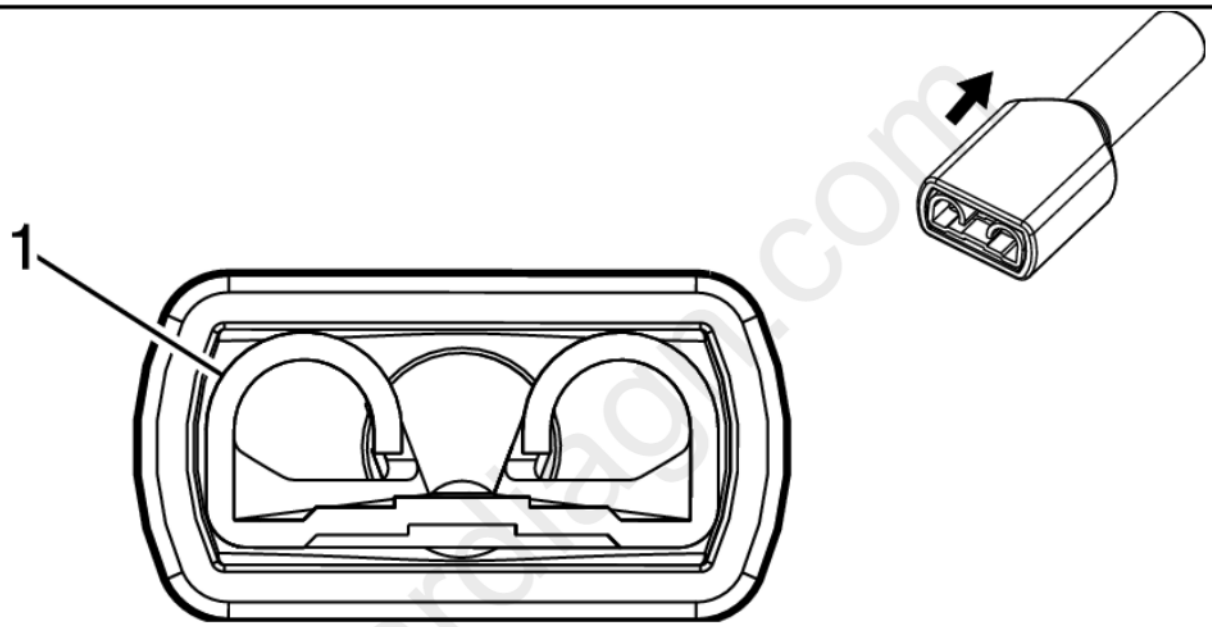
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BK	1350	Ground	I	-
3	0.13	BK	5699	Head Up Display Switch Low Reference	I	-
4	0.13	YE	622	Head Up Display Switch Signal	I	-

S33 HORN SWITCH X1



Connector Part Information

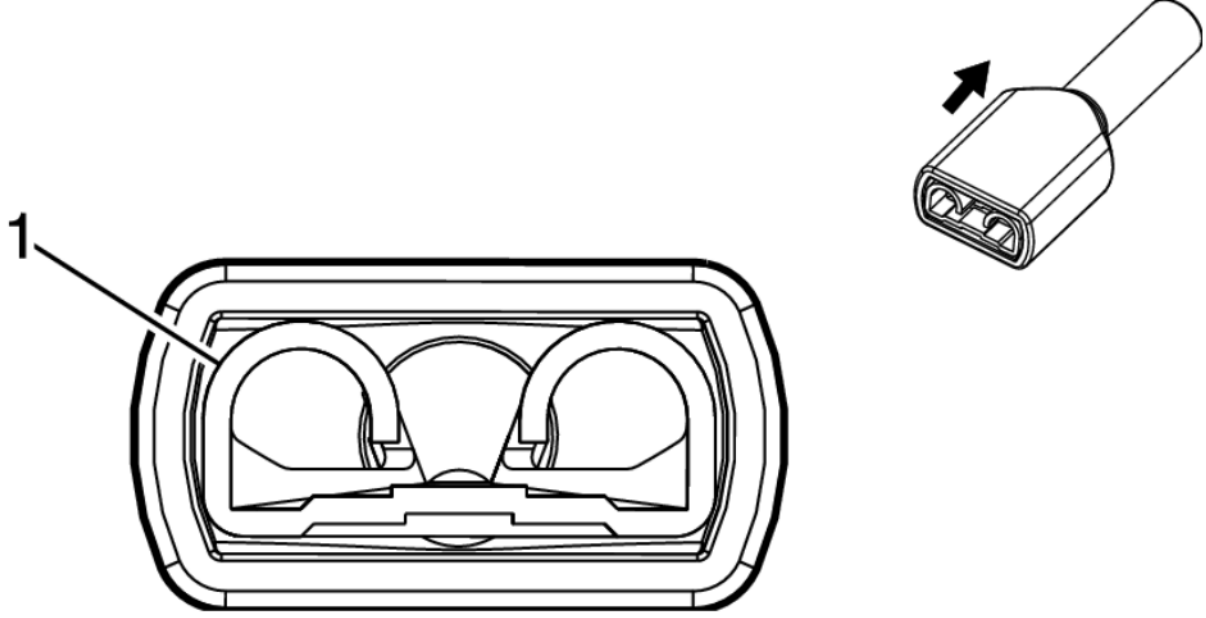
- Harness Type: Steering Wheel
- OEM Connector: 9-520272-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F 250 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	3287	Horn Switch Signal	I	-

S33 HORN SWITCH X2



Connector Part Information

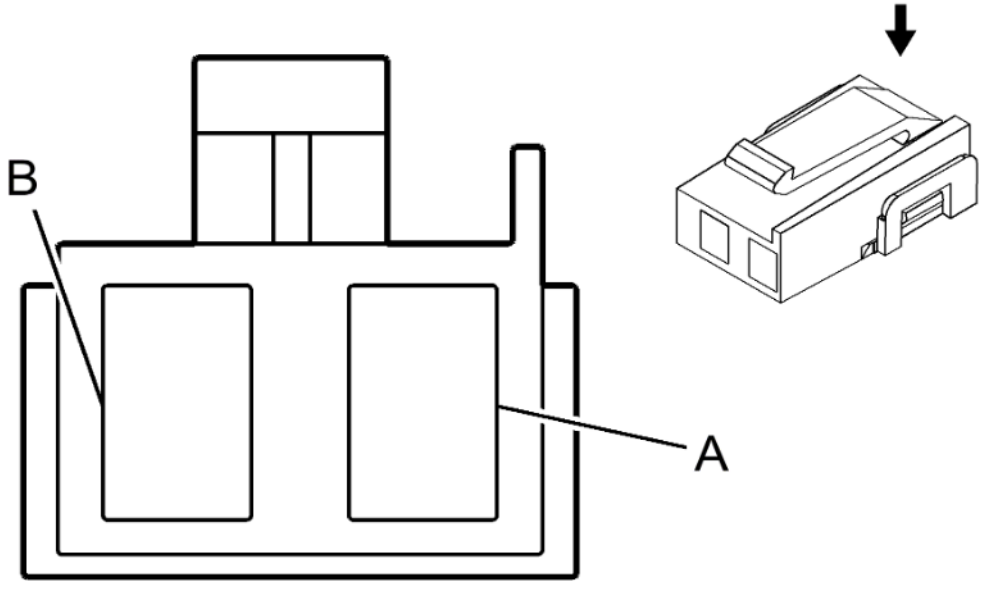
- Harness Type: Steering Wheel
- OEM Connector: 9-520272-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F 250 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1350	Ground	I	-

S35 INSTRUMENT PANEL COMPARTMENT LAMP SWITCH



Connector Part Information

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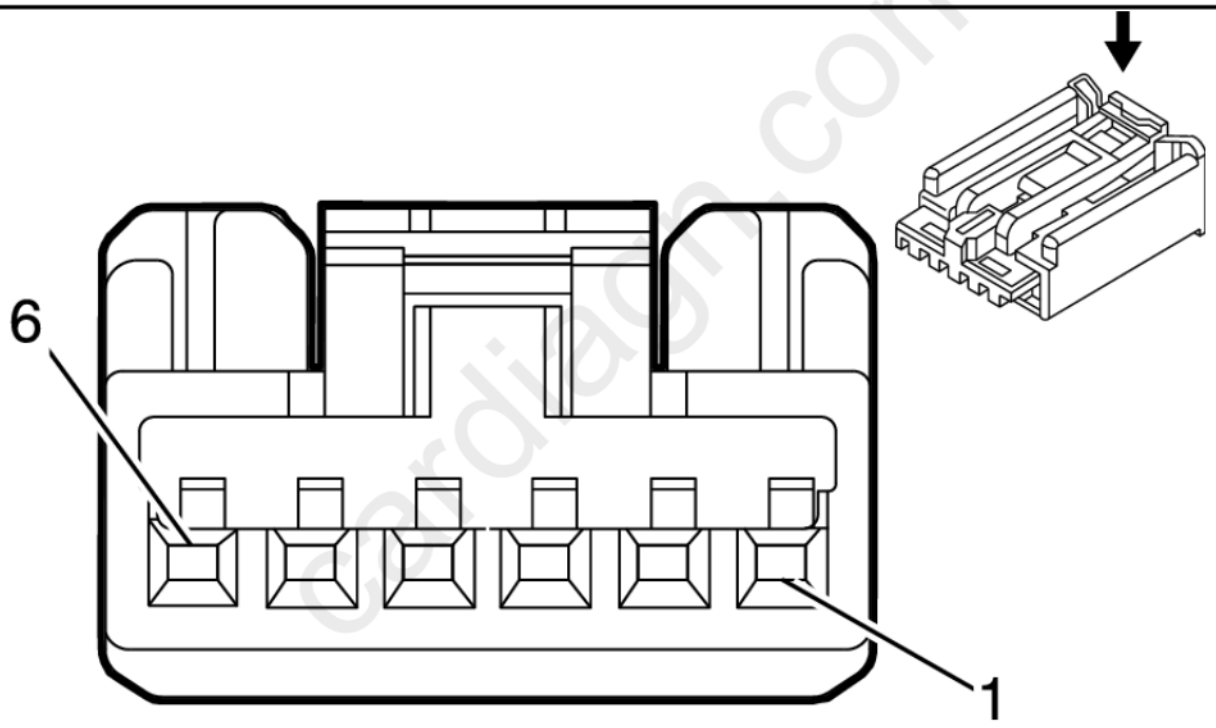
- Harness Type: Instrument Panel
- OEM Connector: 12015197
- Service Connector: 12102626
- Description: 2-Way F Weather Pack Series (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	VT	175	Glove Box Lamp Control	I	-
B	0.5	BN	6815	Inadvertent Power Control	I	-

S36 INSTRUMENT PANEL DIMMER SWITCH



Connector Part Information

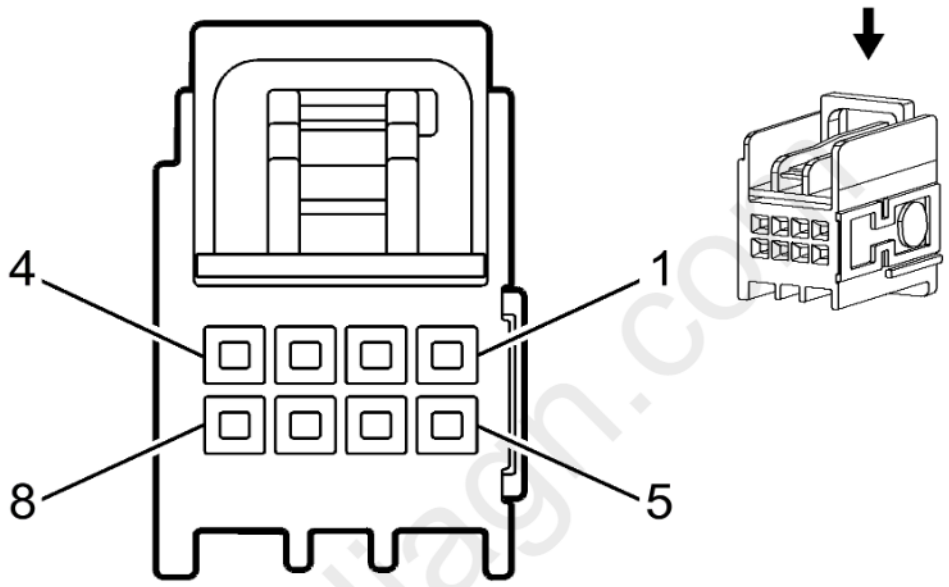
- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	BN/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	I	-
2	0.13	YE	44	Instrument Panel Lamp Dimmer Switch Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	1350	Ground	I	-
5	0.35	YE	6817	LED Backlight Dimming Control	I	-
6	0.13	BU/OG	1688	5V Reference	I	-

S38 IGNITION MODE SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10890122
- Service Connector: 13576543
- Description: 8-Way F 0.64 Series (BK)

Terminal Part Information

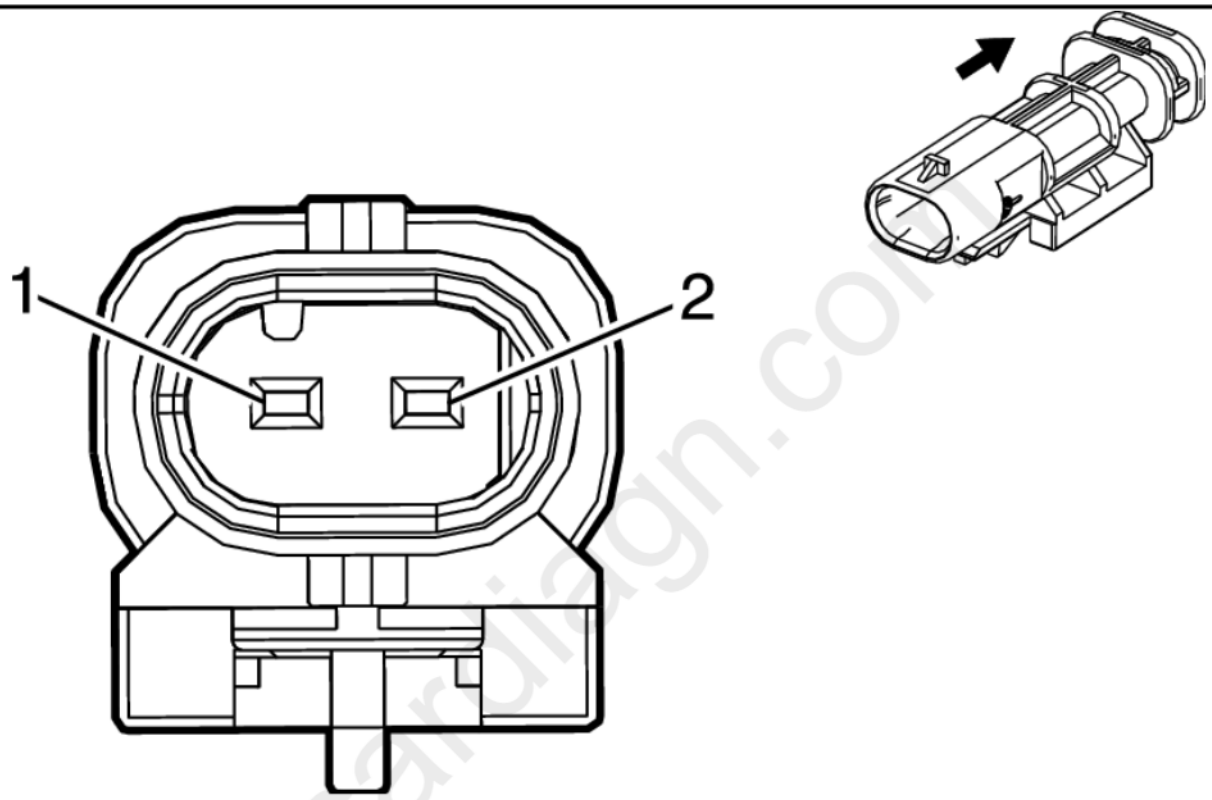
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.13	BN	5720	Ignition Mode Switch Accessory LED Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-
4	0.35	BK	1350	Ground	I	-
5	0.13	BU	5719	Ignition Mode Switch Start LED Signal	I	-
6	0.13	BU	5723	Ignition Mode Switch Mode Voltage	I	-
7	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
8	0.35	YE	6817	LED Backlight Dimming Control	I	-

S46B LIFTGATE UNLATCH SWITCH (TC2)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13788295
- Service Connector: 22836728
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

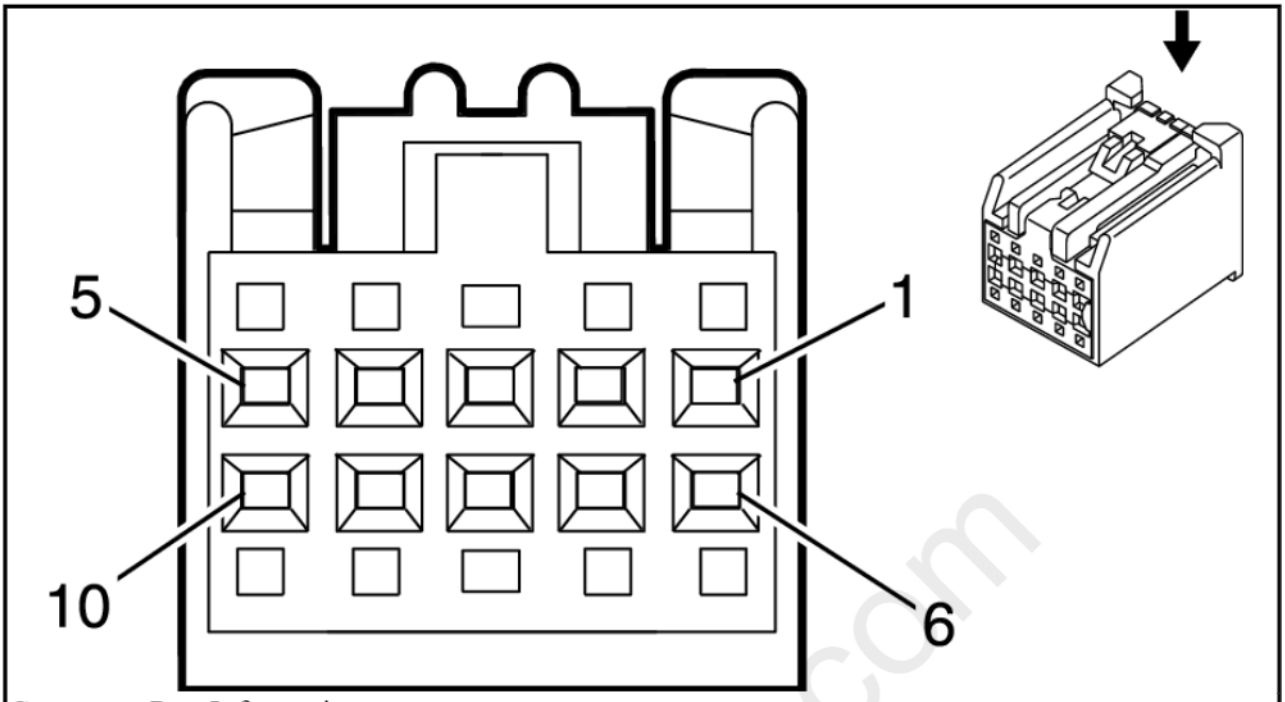
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

S47D SEAT MEMORY SWITCH - DRIVER



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13815336
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

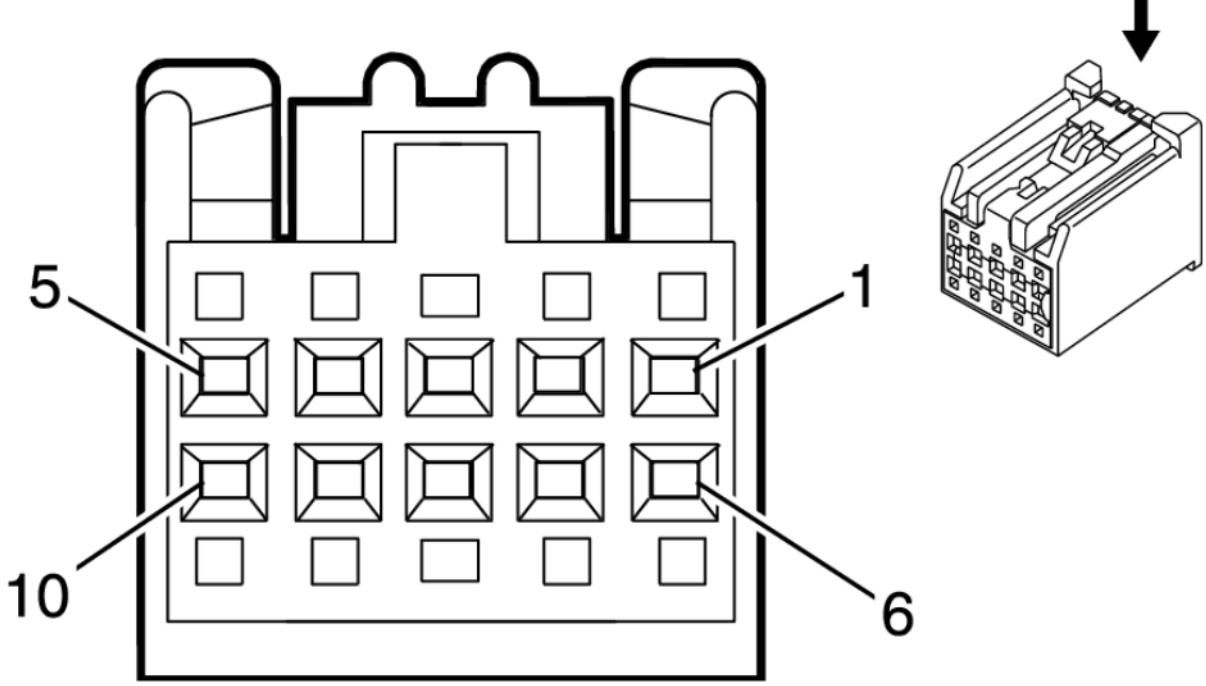
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
6	0.35	WH	615	Memory Seat Switch Signal 1	I	-
7 - 10	-	-	-	Not Occupied	-	-

S47P SEAT MEMORY SWITCH - PASSENGER

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Connector Part Information

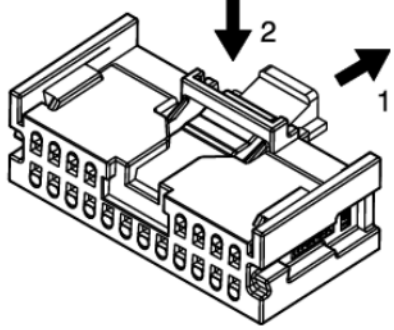
- Harness Type: Passenger Door Trim
- OEM Connector: 13815336
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

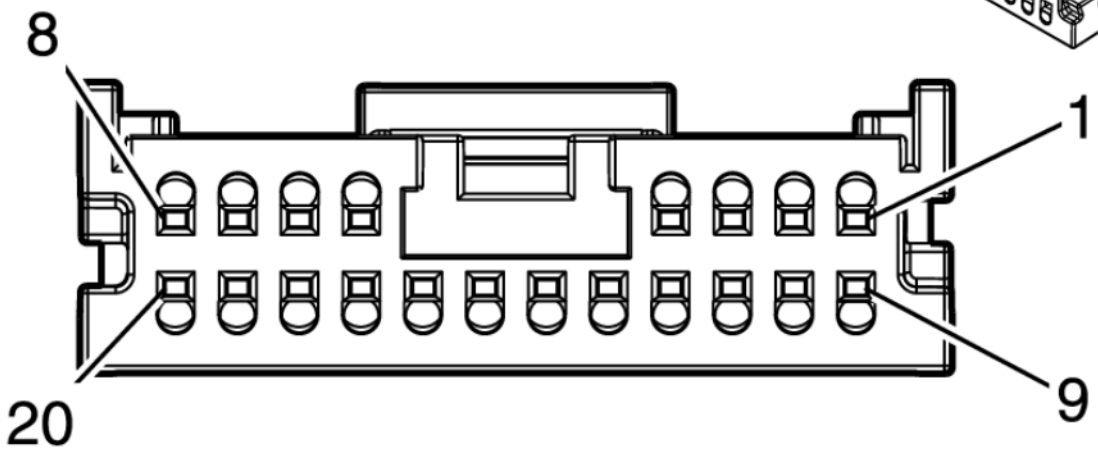
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
6	0.35	WH	615	Memory Seat Switch Signal 1	I	-
7 - 10	-	-	-	Not Occupied	-	-

S48B MULTIFUNCTION SWITCH - OVERHEAD CONSOLE





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 33167777
- Service Connector: 13596105
- Description: 20-Way F Mini 50 Series (BK)

Terminal Part Information

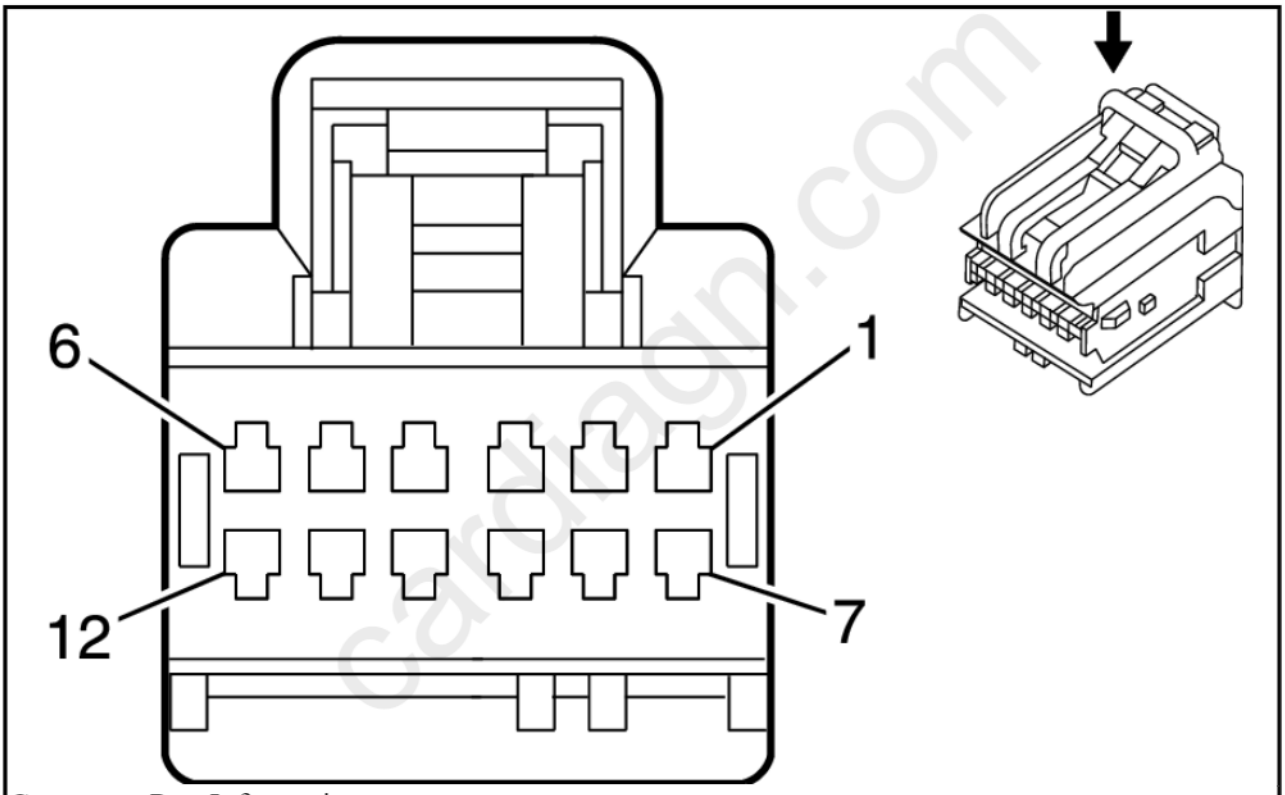
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575568	EL-35616-58 (BK)	No Tool Required	Not Available	Not Available	Not Available	Not Available
II	19330186	EL-35616-58 (BK)	No Tool Required	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/VT	5027	Sunroof Switch Data 1 Signal	I	C3U
2	0.35	BU/GY	3032	Front Sunshade Switch Signal	I	C3U
3	-	-	-	Not Occupied	-	-
4	0.35	GY/GN	328	Interior Lamp Defeat Switch Signal	I	-
5	0.35	WH	6816	Indicator Dimming Control	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.13	YE	3278	Intrusion Sensor Switch LED Control	II	UTU/UTV
9	0.35	WH/GN	3031	Sunroof Vent Switch Signal	I	C3U
10	0.35	BK/GY	128	Sunroof Switch Low Reference	I	C3U
11	0.35	VT/GY	5310	Rear Sunshade Switch Express Signal	I	DB3

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	GY	156	Courtesy Lamp Switch Signal	I	-
13	0.35	BU/GY	4672	Dome Lamp Off Indicator Control	I	-
14	0.35	BK	1450	Ground	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	YE	6817	LED Backlight Dimming Control	I	-
17	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-
18	0.35	YE/GN	5308	Rear Sunshade Switch Open Signal	I	C3U
19	-	-	-	Not Occupied	-	-
20	0.13	VT	5068	Intrusion Sensor Switch Disable Signal	II	UTU/UTV

S48C MULTIFUNCTION SWITCH 1 - INSTRUMENT PANEL



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13551678
- Service Connector: 89047364
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

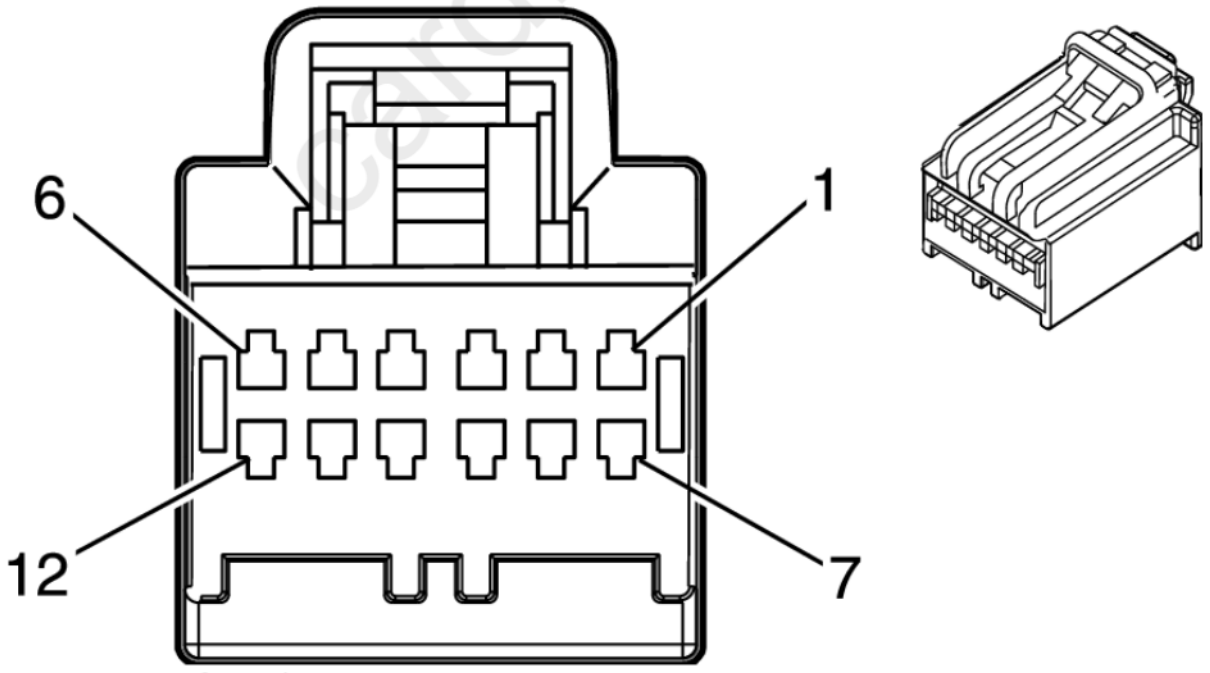
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3240	Battery Positive Voltage	I	-
2	0.35	WH	6816	Indicator Dimming Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	-
6	0.35	BU/BN	3161	Parallel Park Assist Disable Switch Signal	I	UFQ
7	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	-
8	-	-	-	Not Occupied	-	-
9	0.13	GN	1110	Auto Stop Start Indicator Control	II	-
10	0.35	BK	1350	Ground	I	-
11	0.13	BU	1111	Auto Stop Start Switch Signal	II	-
12	-	-	-	Not Occupied	-	-

S48D MULTIFUNCTION SWITCH 2 - INSTRUMENT PANEL



Connector Part Information

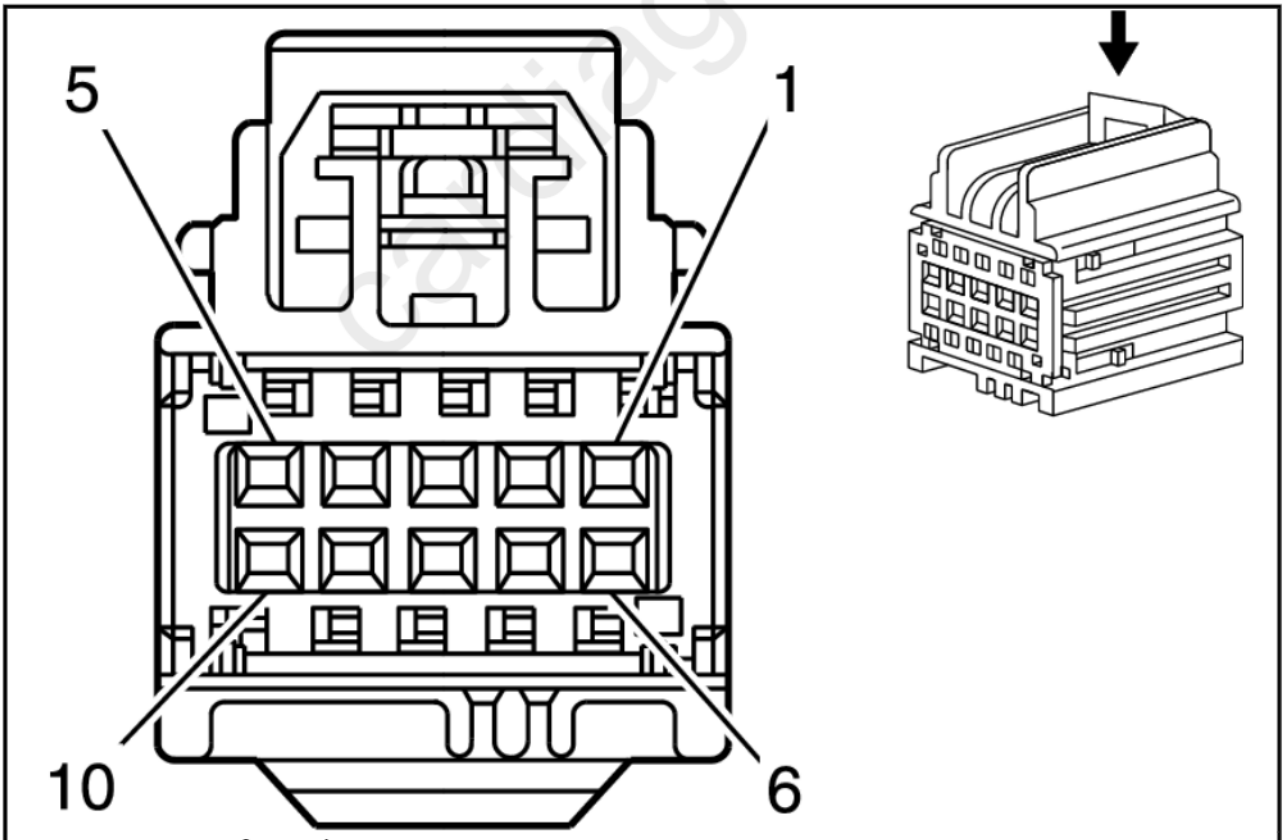
- Harness Type: Instrument Panel
- OEM Connector: 13587624
- Service Connector: 19151154
- Description: 12-Way F 64 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK	1450	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	RD/BU	3240	Battery Positive Voltage	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	WH	6816	Indicator Dimming Control	I	-
9	-	-	-	Not Occupied	-	-
10	0.13	GN/WH	111	Hazard Switch Signal	II	-
11	-	-	-	Not Occupied	-	-
12	0.13	GN/WH	4047	Glove Box Door Release Signal	II	-

S48E MULTIFUNCTION SWITCH - CENTER CONSOLE



Connector Part Information

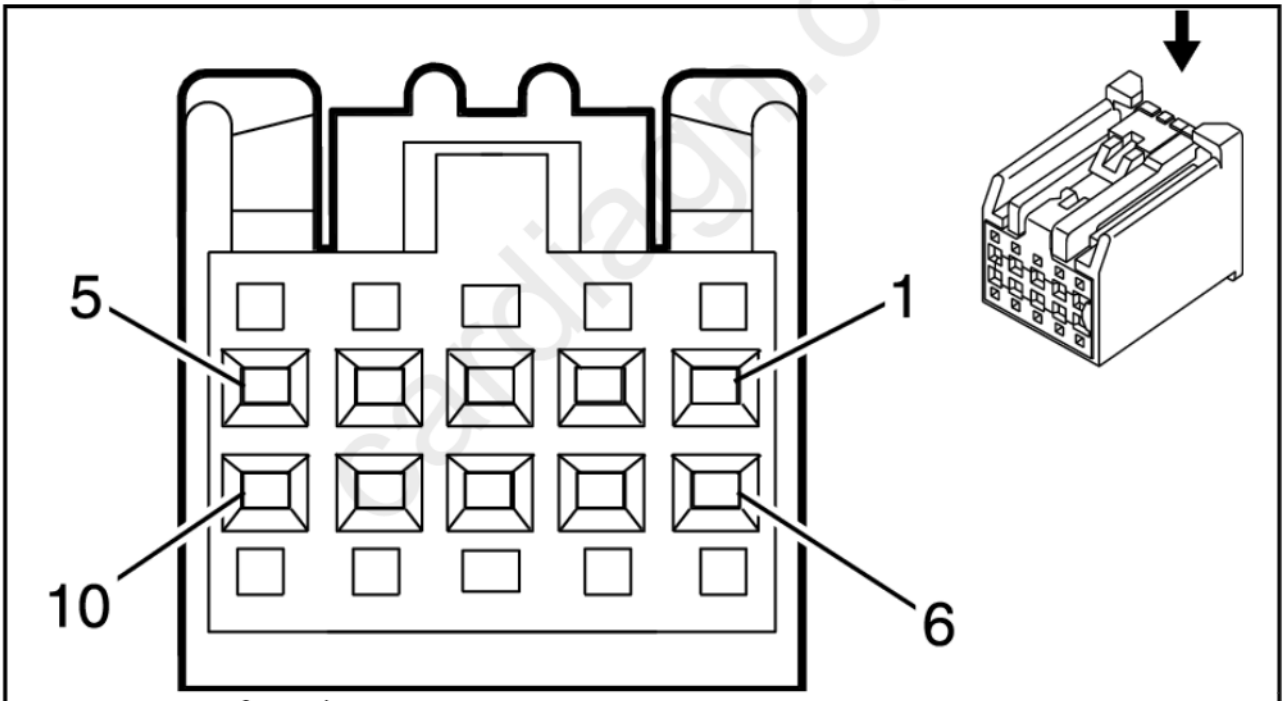
- Harness Type: Floor Console
- OEM Connector: 15491259
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BK	1450	Ground	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BU	9844	-	I	-
5	0.35	WH/VT	4108	Driver Mode Switch Signal	I	-
6	0.35	GY	4109	Driver Mode Switch 5V Reference	I	-
7	0.35	BU/VT	1788	Traction Control Switch Signal 1	I	-
8 - 10	-	-	-	Not Occupied	-	-

S51 TELEMATICS BUTTON ASSEMBLY (UE1)



Connector Part Information

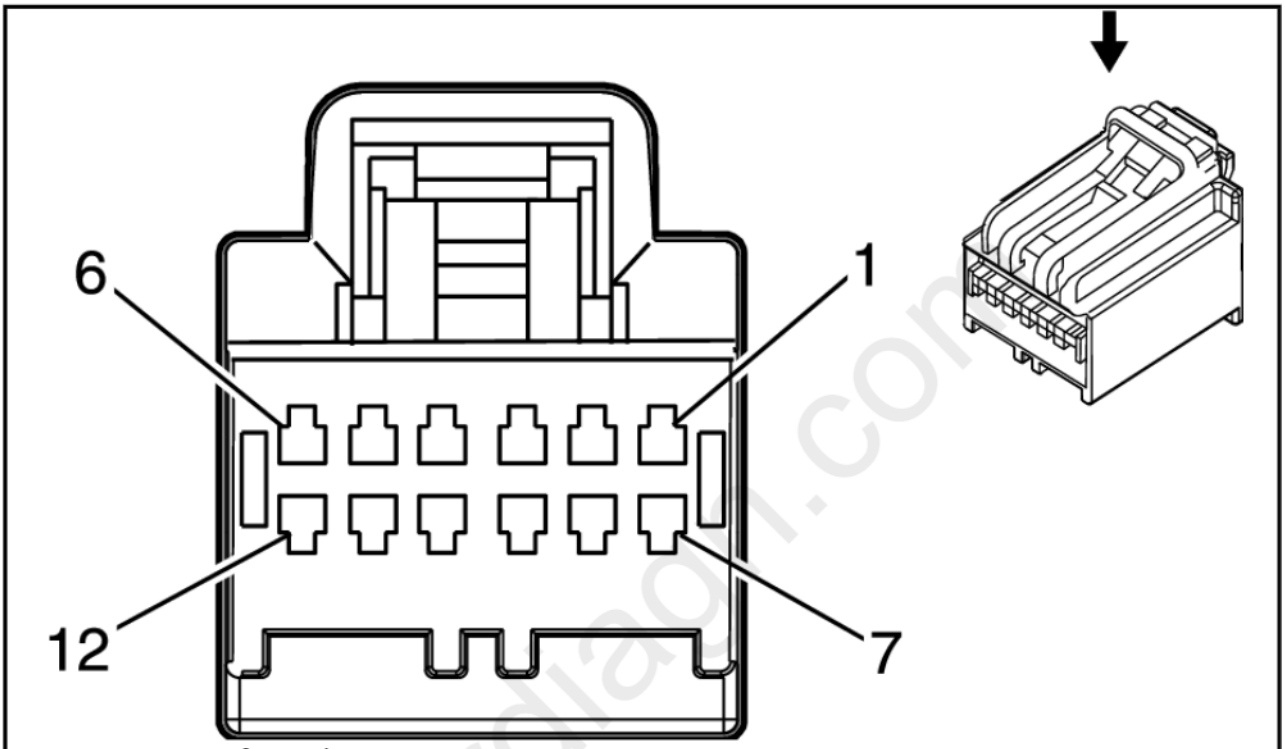
- Harness Type: Headliner
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	2515	Keypad Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN/WH	2514	Keypad Signal	I	-
4	0.35	YE/VT	2516	Keypad Green LED Control	I	-
5	0.35	BN/WH	2517	Keypad Red LED Control	I	-
6	0.35	BK	1450	Ground	I	-
7 - 10	-	-	-	Not Occupied	-	-

S52 OUTSIDE REARVIEW MIRROR SWITCH



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13587624
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 64 Series, Sealed (GY)

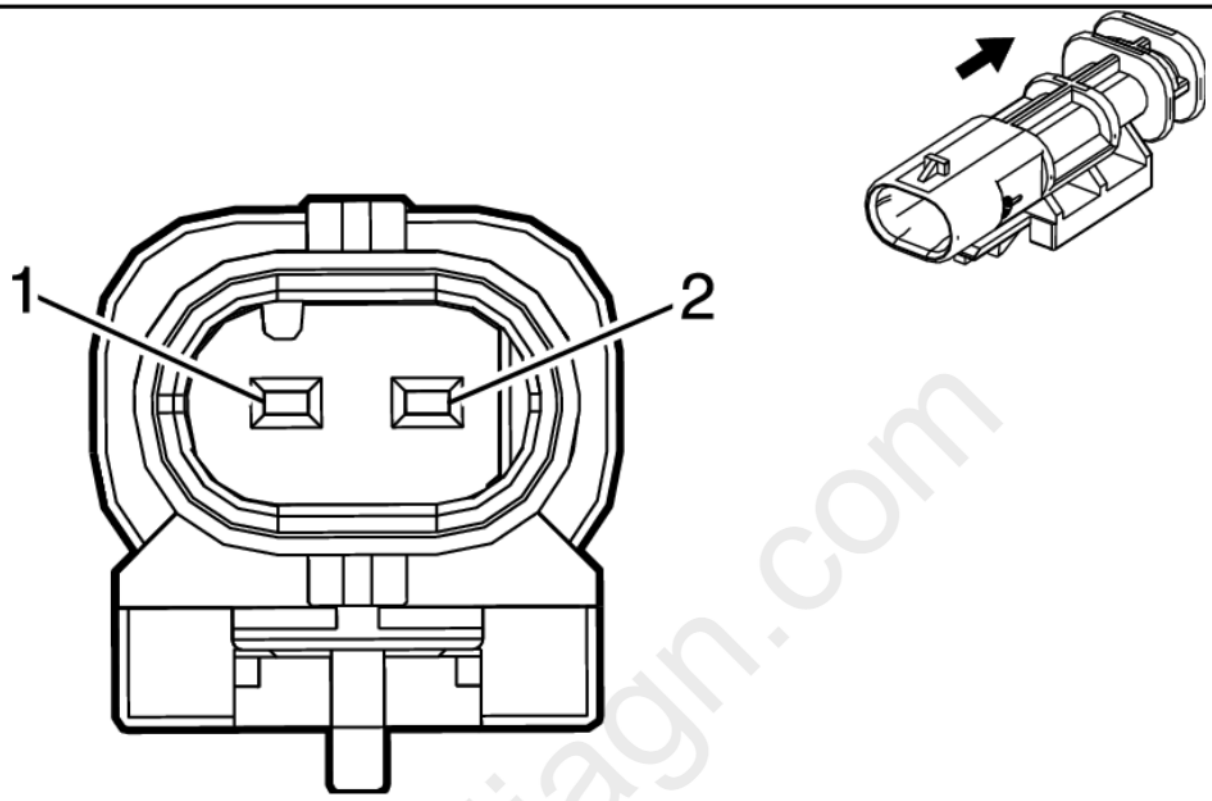
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.13	VT	3404	Driver Mirror Switch Right (+) Left (-) Signal	I	-
6	0.13	YE	1382	LED Dimming Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7 - 10	-	-	-	Not Occupied	-	-
11	0.5	BK/VT	5478	Mirror Switch Low Reference	I	-
12	0.13	WH	3405	Driver Mirror Switch Up (-) Down (+) Signal	I	-

S58A REAR COMPARTMENT LID UNLATCH SWITCH - EXTERIOR (TC2/TL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13788295
- Service Connector: 22836728
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

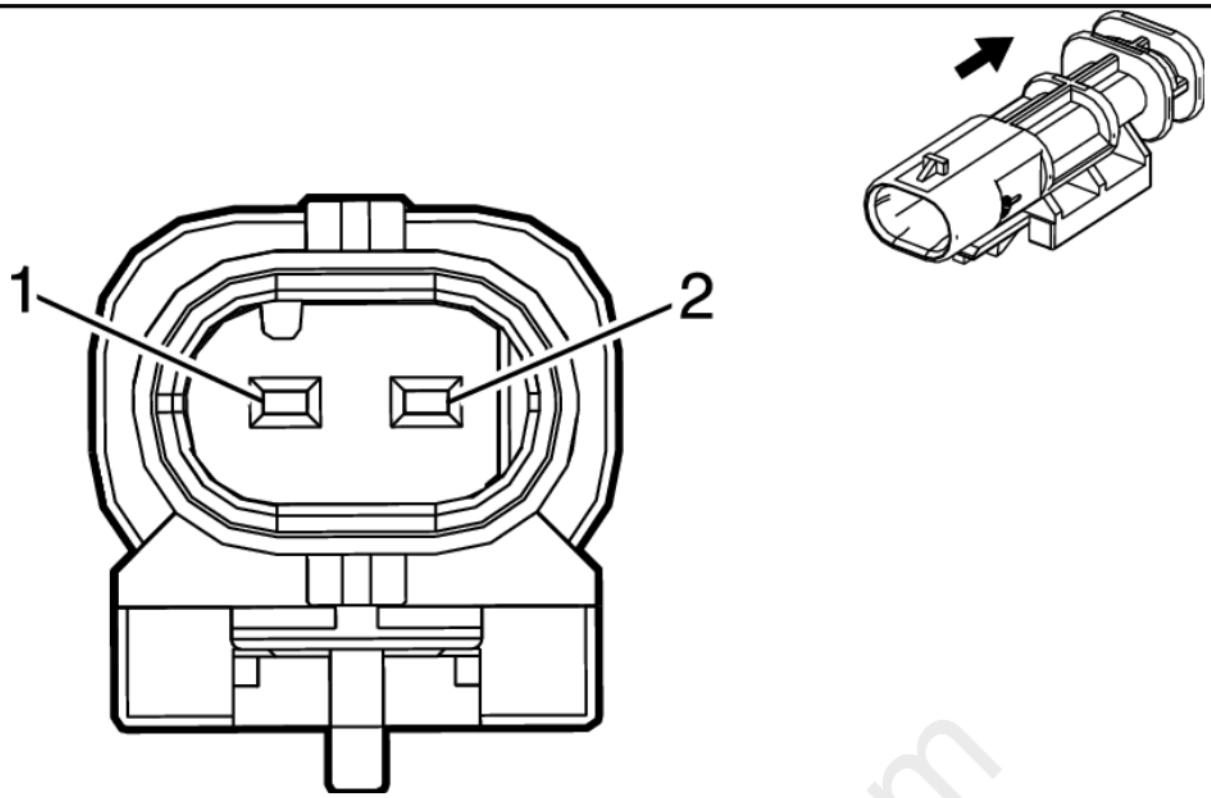
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	GN YE/BU	6112 5797	Power Lift Gate On/Off Switch Signal Rear Closure Handle Switch Open Signal	I I	TL9/TC2 -TL9-TC2
2	0.35 0.35	BK/VT BK	5801 3850	Lift Gate Object Sensor Low Reference Ground	I I	TL9/TC2 -TL9-TC2

S58A REAR COMPARTMENT LID UNLATCH SWITCH - EXTERIOR (-TC2/TL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13788295
- Service Connector: 22836728
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

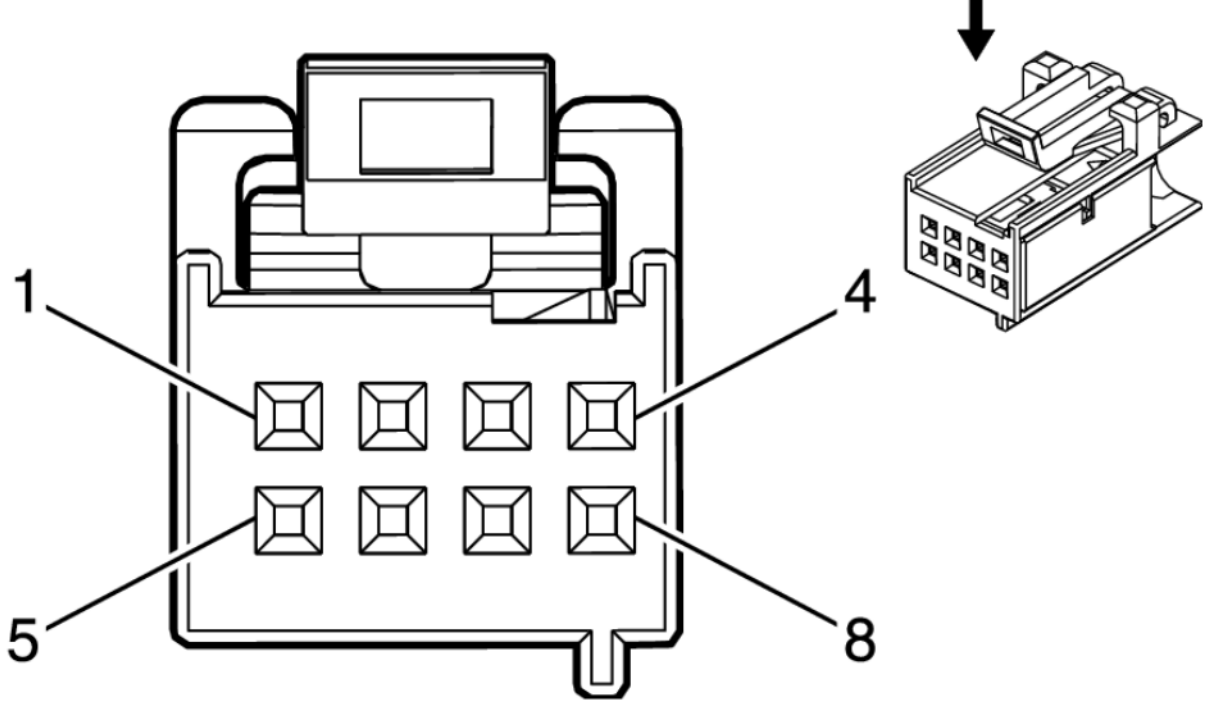
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	GN YE/BU	6112 5797	Power Lift Gate On/Off Switch Signal Rear Closure Handle Switch Open Signal	I I	TL9/TC2 -TL9-TC2
2	0.35 0.35	BK/VT BK	5801 3850	Lift Gate Object Sensor Low Reference Ground	I I	TL9/TC2 -TL9-TC2

S58B REAR COMPARTMENT LID UNLATCH SWITCH - INTERIOR

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13623997
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Micro-Quadlock Series (BK)

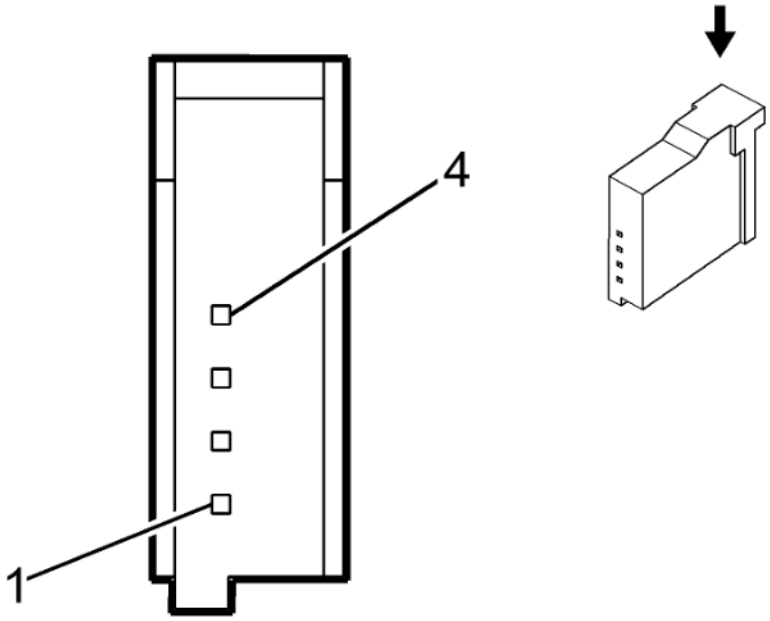
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BK	2150	Ground	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	2150	Ground	I	HP9
5	0.35 0.35	GY/BK VT/BU	6113 6189	Rear Lift Gate Open/Close Switch Signal Lift Glass/Rear Compartment Lid Interior Release Signal	I I	TC2/TL9 -TC2/TL9
6	0.35	GY/WH	1447	Fuel Door Release Switch Signal	I	HP9
7	0.35	BN/WH	3827	Refuel Request Switch Signal	I	HP9
8	0.35	RD/VT	1940	Battery Positive Voltage	I	HP9

S64D SEAT ADJUSTER SWITCH - DRIVER

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 15542185
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

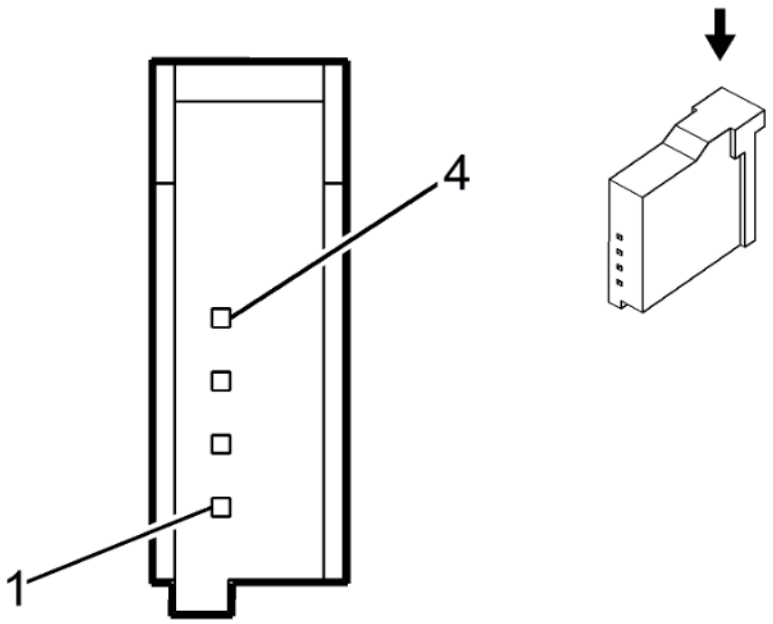
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/VT	1940	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	GN/GY	3758	Local Interconnect Network Serial Data Bus 13	I	-
4	0.5	BK	2150	Ground	I	-

S64LR SEAT ADJUSTER SWITCH - LEFT REAR (AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Rear Seat Armrest
- OEM Connector: 13579144
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

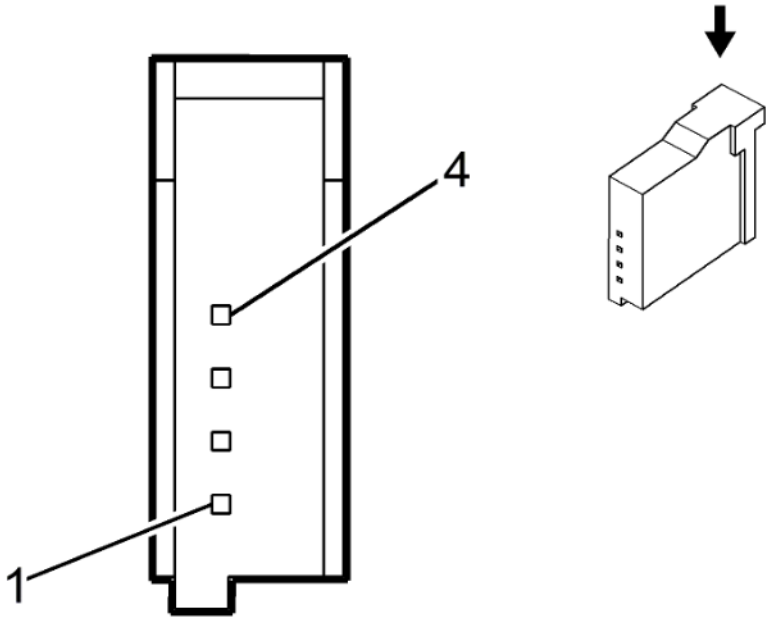
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GY	1740	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	GN/BN	7529	Local Interconnect Network Serial Data Bus 7	I	-
4	0.5	BK	2350	Ground	I	-

S64P SEAT ADJUSTER SWITCH - PASSENGER

carlogn.com



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 15542185
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

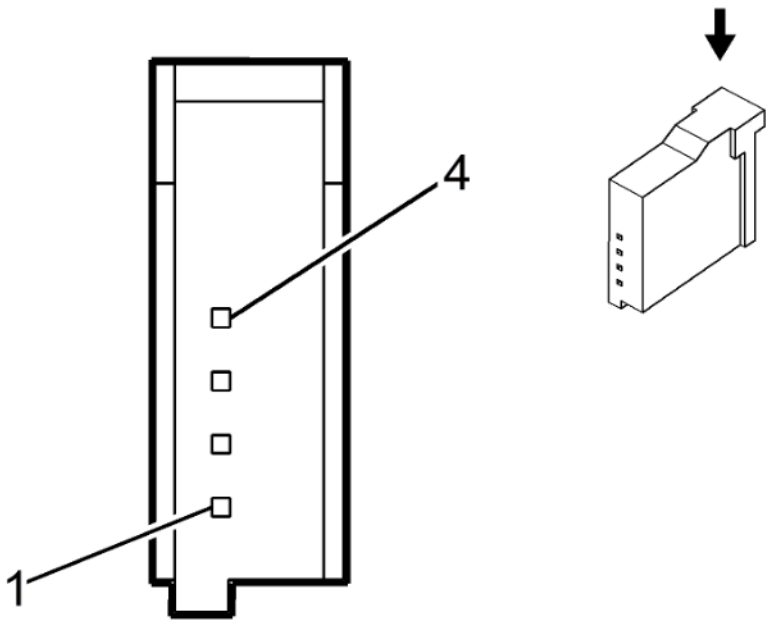
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GY	1740	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	GN/YE	4116	Local Interconnect Network Serial Data Bus 16	I	-
4	0.5	BK	2250	Ground	I	-

S64RR SEAT ADJUSTER SWITCH - RIGHT REAR (AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Rear Seat Armrest
- OEM Connector: 13579144
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

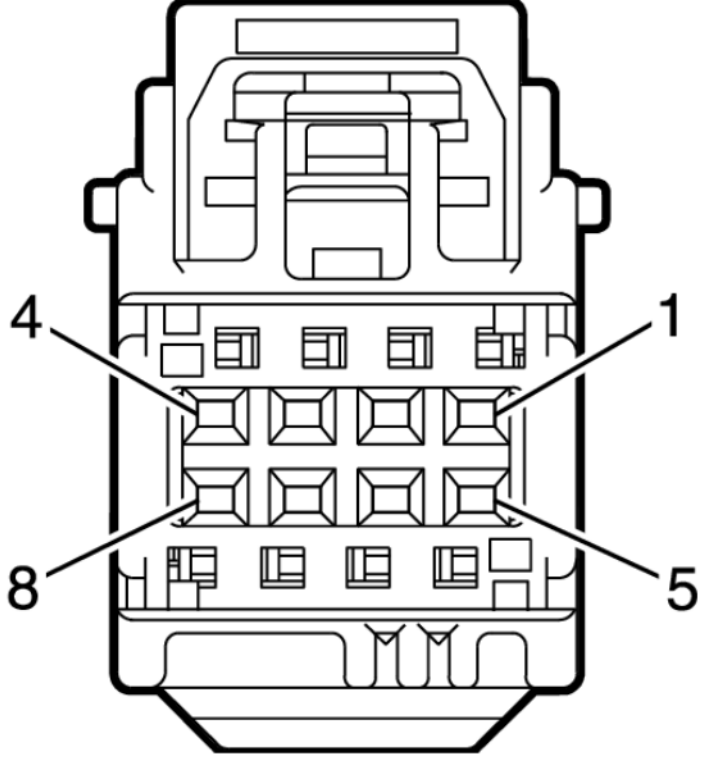
Terminal Part Information

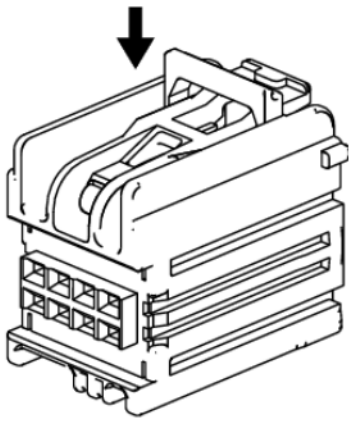
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GY	1740	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	GN/VT	4114	Local Interconnect Network Serial Data Bus 14	I	-
4	0.5	BK	2350	Ground	I	-

S70A STEERING WHEEL CONTROLS SWITCH - LEFT LOWER

carldan.com





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 89047352
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F YESC Kaizen Series (BK)

Terminal Part Information

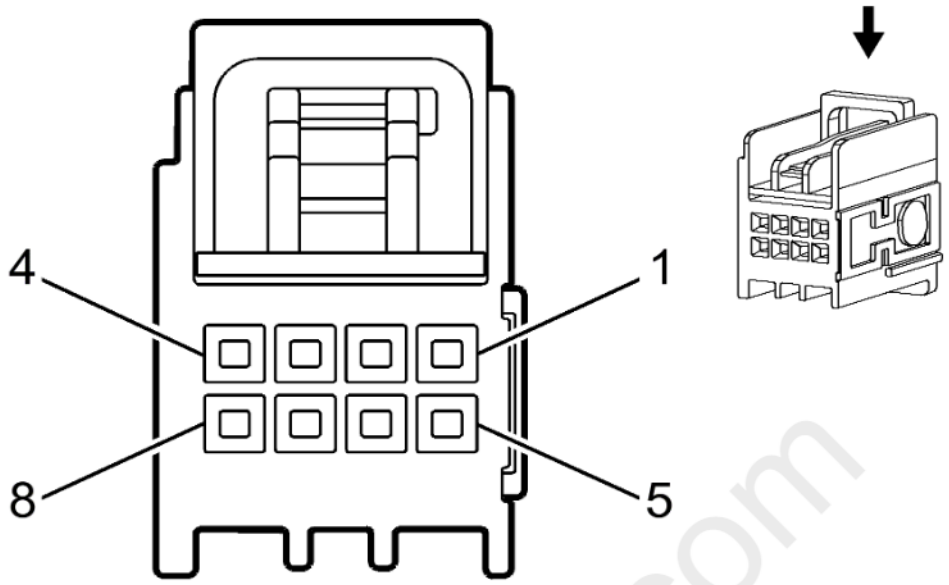
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG	5883	Heated Steering Wheel Switch Signal	I	UVD
2	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	UEU/UHX
3	0.35	GY/GN	9737	Steering Wheel Controls Switch Reference Voltage	I	UEU/UHX
4	0.35	VT/WH	7005	LED Dimming Signal	I	UEU/UHX/UVD
5	0.35	WH	3152	Lane Departure Warning Indicator Control	I	UEU/UHX
6	0.35	PK	5884	Heated Steering Wheel Switch LED Control	I	UVD
7	0.35	BK	1350	Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	YE/BK	3893	LED Backlight Dimming Control 2	I	-

S70B STEERING WHEEL CONTROLS SWITCH - RIGHT LOWER



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 10890122
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series (BK)

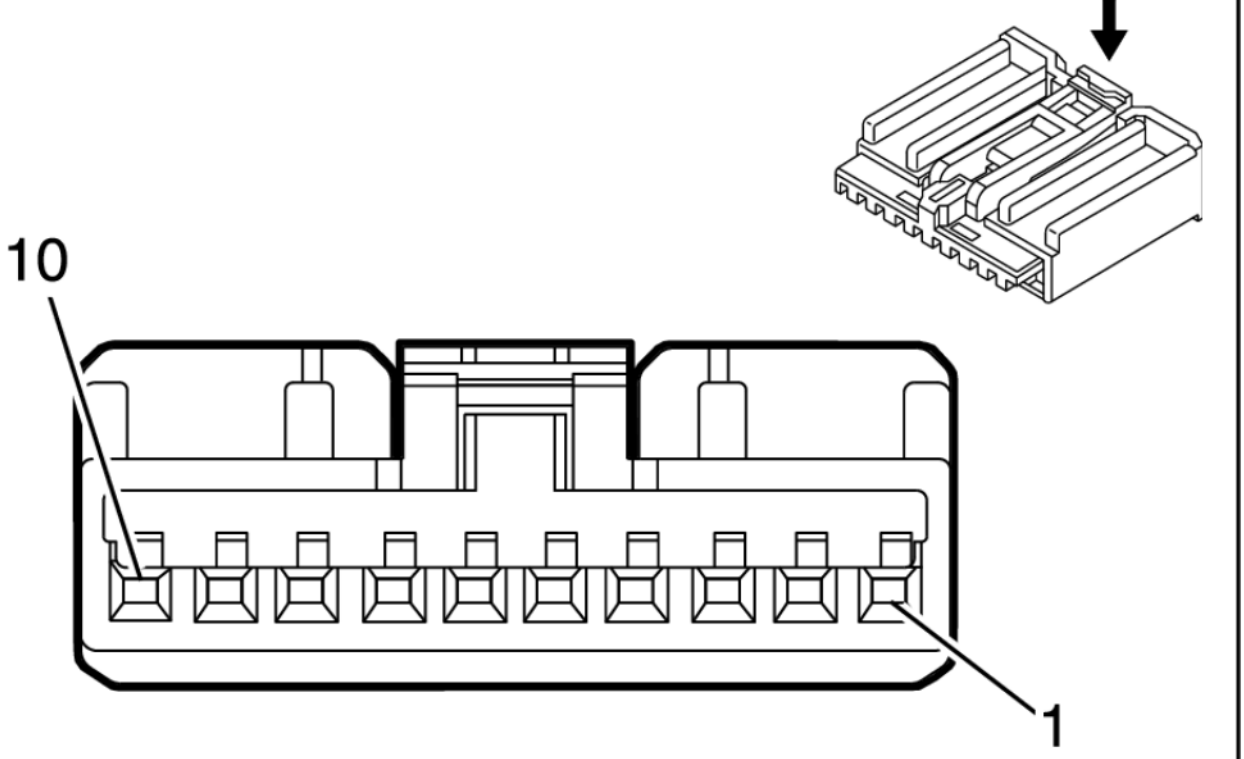
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/BK	3893	LED Backlight Dimming Control 2	I	-
2	0.35	BK	1350	Ground	I	-
3	0.35	WH/YE	4313	Radio Favorite Forward Signal	I	-
4	0.35	YE/BU	4312	Radio Favorite Back Signal	I	-
5 - 8	-	-	-	Not Occupied	-	-

S70C STEERING WHEEL CONTROLS SWITCH - LEFT UPPER

cardiagn.com



Connector Part Information

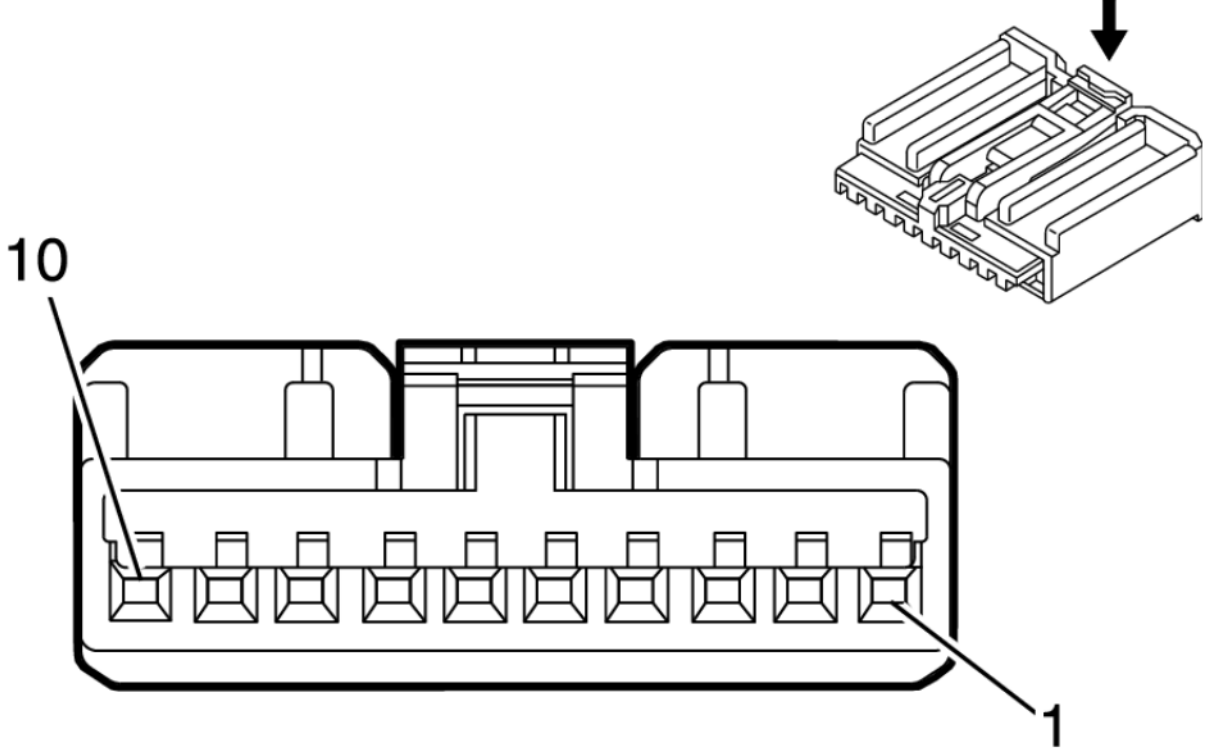
- Harness Type: Steering Wheel
- OEM Connector: 15269795
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	4315	Radio Volume Up Signal	I	-
2	0.35	GY/BN	4314	Radio Volume Down Signal	I	-
3	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
4	0.35 0.35	GY/GN GY/GN	5737 5737	Adaptive Cruise Control Gap Up/Down Switch Signal Adaptive Cruise Control Gap Up/Down Switch Signal	I	- -
5	0.35	GY/GN	9737	Steering Wheel Controls Switch Reference Voltage	I	-
6	0.35	WH/RD	1444	12V Reference	I	-
7	0.35	BK	1350	Ground	I	-
8	0.35 0.35	YE/BK YE/BK	3893 3893	LED Backlight Dimming Control 2 LED Backlight Dimming Control 2	I	- -
9 - 10	-	-	-	Not Occupied	-	-

S70D STEERING WHEEL CONTROLS SWITCH - RIGHT UPPER



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 15269795
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

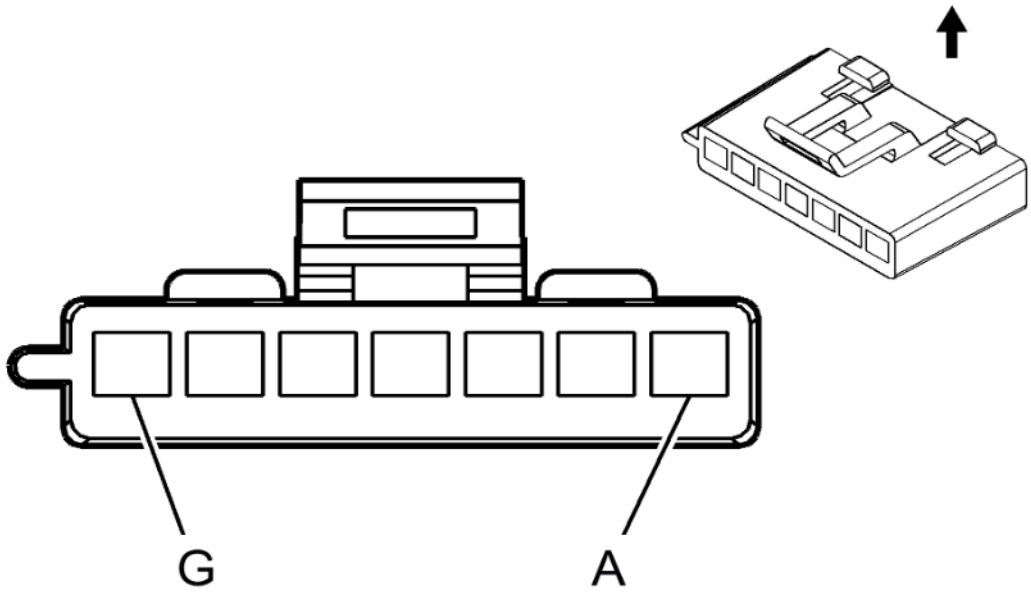
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/YE	4313	Radio Favorite Forward Signal	I	-
2	0.35	YE/BU	4312	Radio Favorite Back Signal	I	-
3	0.35	GY/BN	4314	Radio Volume Down Signal	I	-
4	0.35	BU	4315	Radio Volume Up Signal	I	-
5	0.35	BK	1350	Ground	I	-
6	0.35 0.35	YE/BK YE/BK	3893 3893	LED Backlight Dimming Control 2 LED Backlight Dimming Control 2	I	- -
7	0.35	VT/WH	7005	LED Dimming Signal	I	-
8	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
9	0.35	RD/GY	3040	Battery Positive Voltage	I	-
10	-	-	-	Not Occupied	-	-

carcam.com

S71 STEERING COLUMN TILT AND TELESCOPE SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12052854
- Service Connector: 15862656
- Description: 7-Way F 280 Metri-Pack Series (BK)

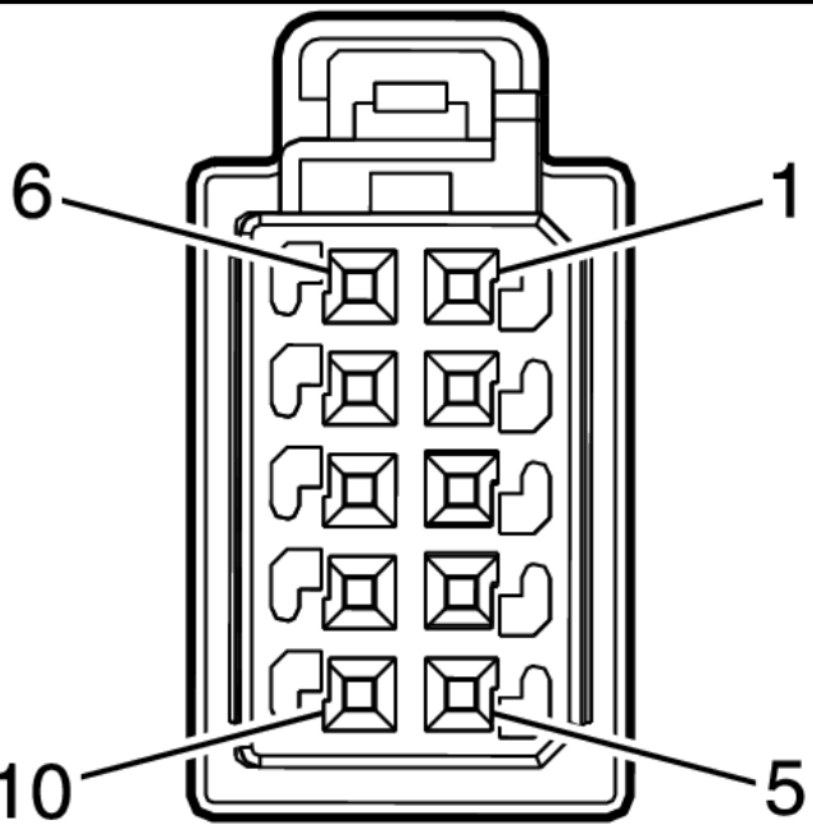
Terminal Part Information

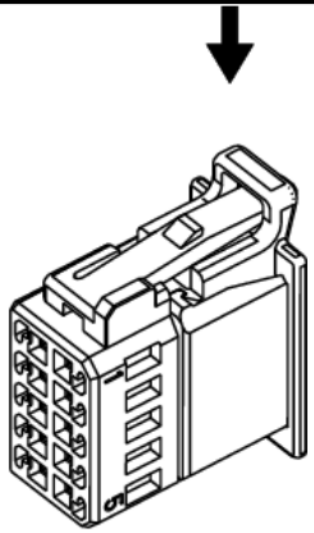
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/YE	2094	Steering Column Tilt and Telescope Forward Switch Signal	I	-
B	0.35	YE/BN	2097	Steering Column Tilt and Telescope Down Switch Signal	I	-
C	0.35	BN/GY	2096	Steering Column Tilt and Telescope Up Switch Signal	I	-
D - E	-	-	-	Not Occupied	-	-
F	0.35	GN/BN	2095	Steering Column Tilt and Telescope Rearward Switch Signal	I	-
G	0.35	BK	1350	Ground	I	-

S78 TURN SIGNAL/MULTIFUNCTION SWITCH

carDiagn.com





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13650061
- Service Connector: 19299776
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575587	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	1414	Left Front Turn Signal Switch Signal	I	-
2	0.35	GN/VT	1415	Right Front Turn Signal Switch Signal	I	-
3	0.35	BK	1350	Ground	I	-
4	0.13	GN	306	Headlamp Switch Headlamps Off Signal Control	I	-
5	0.13	GN	13	Headlamp Switch Park Lamp Signal	I	-
6	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-
7	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-

carcraft.com

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	BU/GY	187	Rear Fog Lamp Switch Signal	I	T79
9	0.13	WH	103	Headlamp Switch On Signal	I	-
10	0.35	WH/GY	3849	High Beam Auto On/Off Switch Signal	I	-

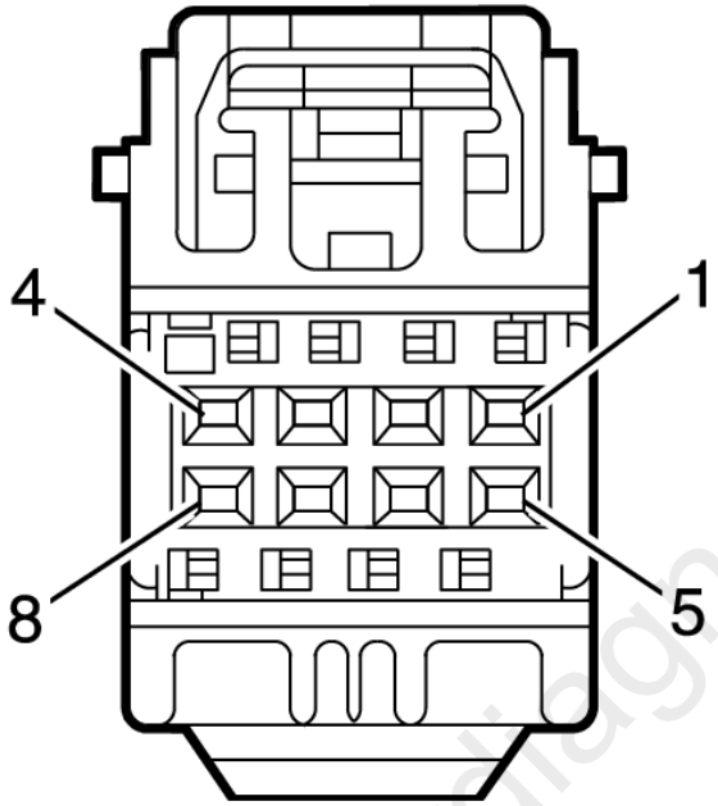
cardiagn.com

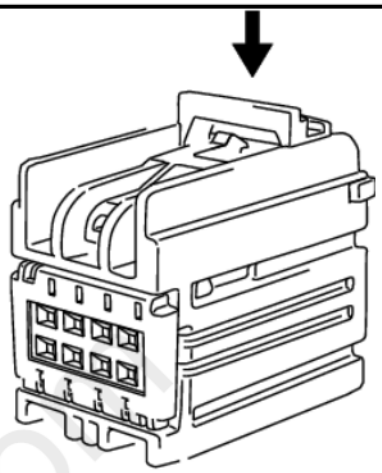
2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Component Connector End Views - CT6

COMPONENT CONNECTOR END VIEWS

S79D WINDOW SWITCH - DRIVER





Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13551679
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F YESC Kaizen Series (L-GY)

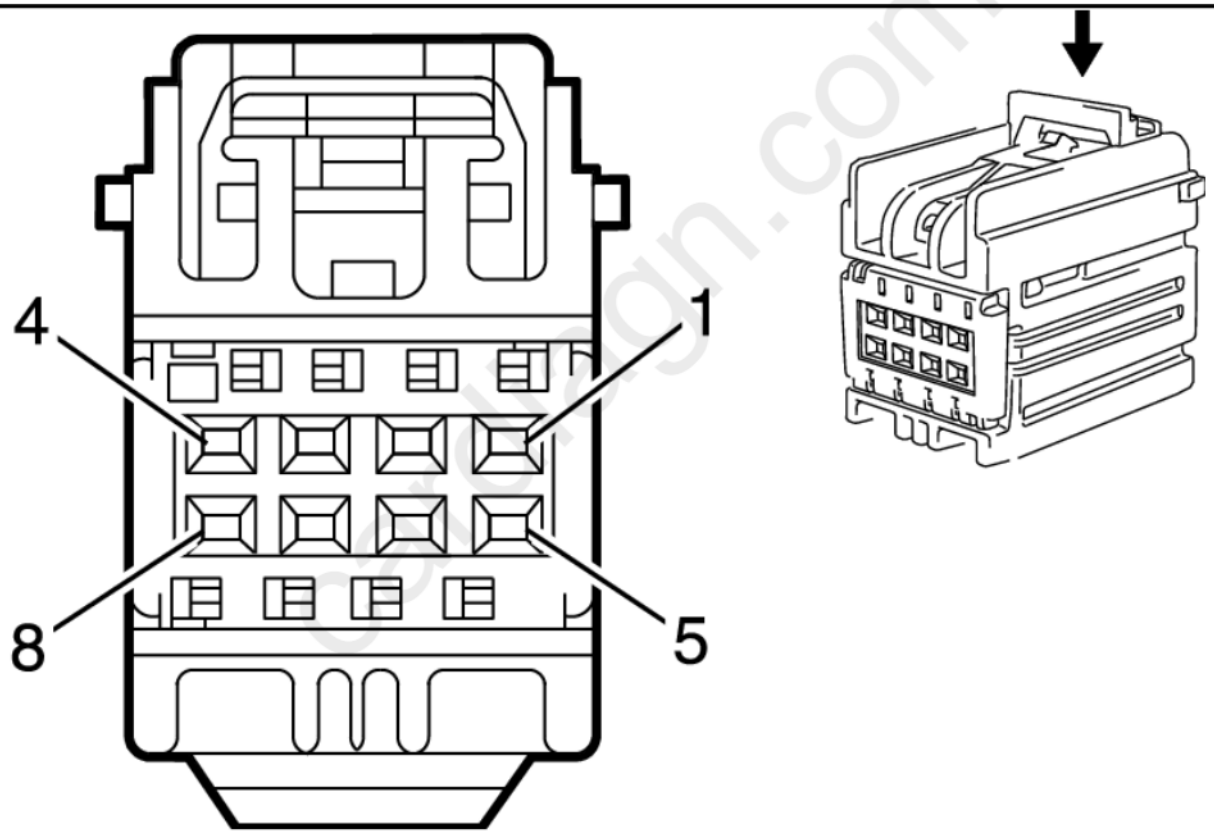
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	2150	Ground	I	-
2	0.35	GN	3381	Power Window Switch Driver Express Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GY	3380	Power Window Switch Driver Down Signal	I	-
4	0.5	RD/VT	1940	Battery Positive Voltage	I	-
5	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	I	-
6	0.35	GN/WH	3379	Power Window Switch Driver Up Signal	I	-
7	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
8	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-

S79LR WINDOW SWITCH - LEFT REAR



Connector Part Information

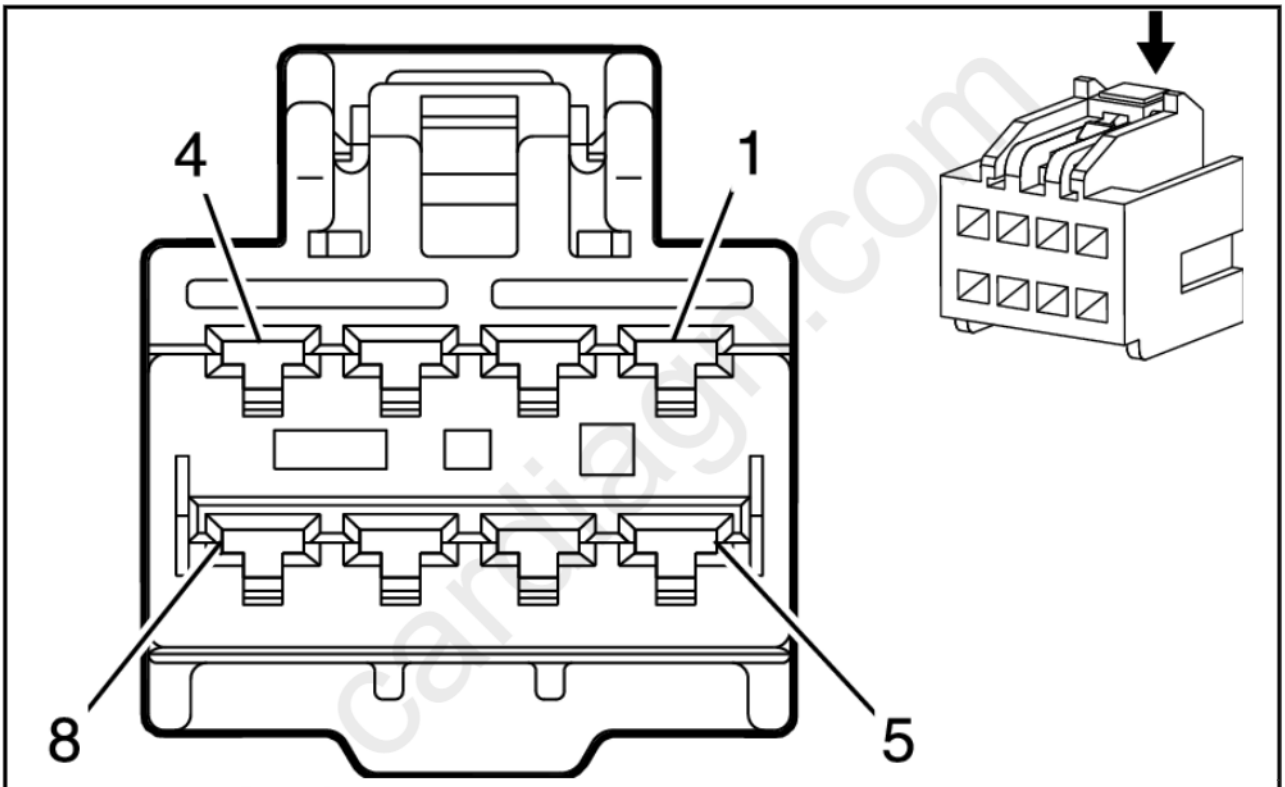
- Harness Type: Left Rear Door Trim
- OEM Connector: 13551679
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2350	Ground	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	YE	6817	LED Backlight Dimming Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/GY	1185	Power Window Switch Left Rear Up Signal	I	-
7	0.35	BN/BU	1187	Power Window Switch Left Rear Down Signal	I	-
8	0.35	GY/D-GN	5048	Power Window Switch Left Rear Express Signal	I	-

S79P WINDOW SWITCH - PASSENGER X1



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 15491286
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (BK)

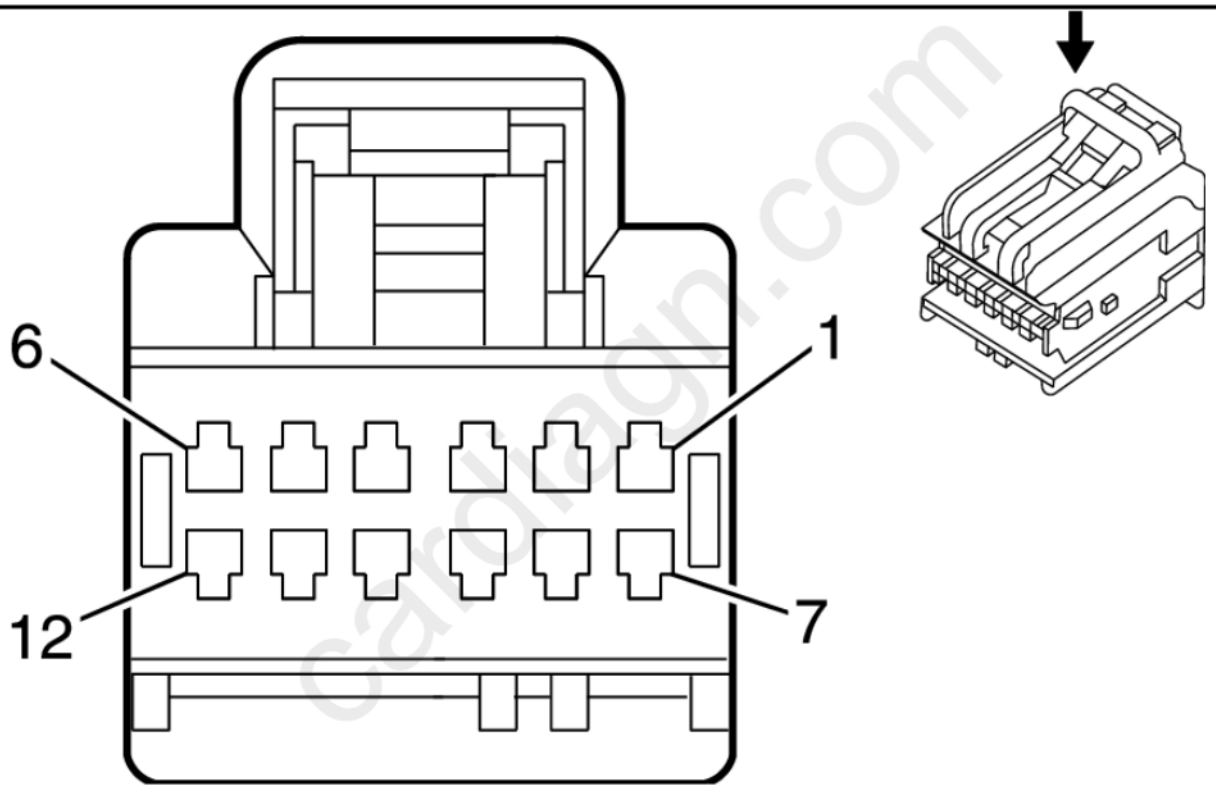
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2250	Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	RD/VT	1940	Battery Positive Voltage	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	VT/GY	3386	Power Window Switch Passenger Express Signal	I	-
7	0.35	BN/YE	3385	Power Window Switch Passenger Down Signal	I	-
8	0.35	YE/BK	3384	Power Window Switch Passenger Up Signal	I	-

S79P WINDOW SWITCH - PASSENGER X2



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13551678
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

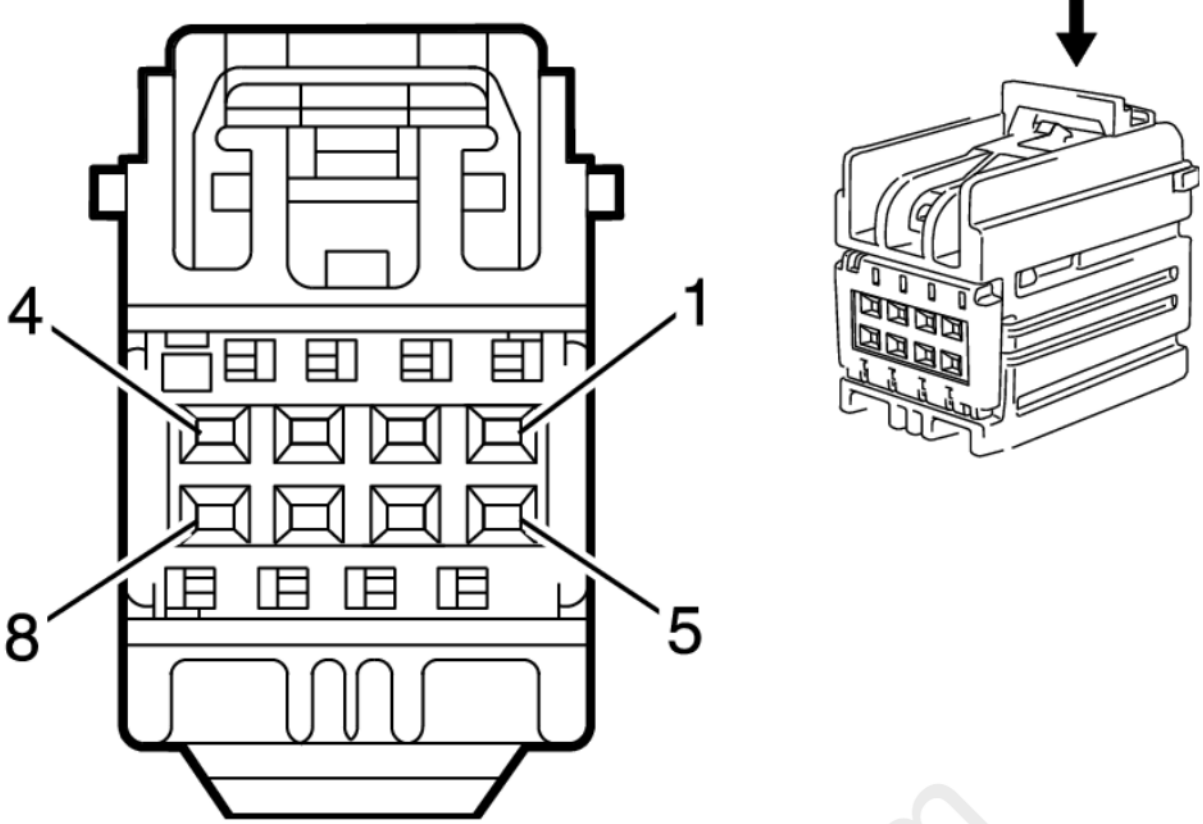
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/WH	3413	Passenger Mirror Motor Fold Out Control	I	DNP/DWR
2	0.35	YE/VT	3397	Passenger Mirror Motor Up (+) Down (-) Control	I	-
3	0.35	WH	3398	Passenger Mirror Motor Common Control	I	-
4	0.35	YE/RD	3399	Passenger Mirror Position Sensor 5V Reference	I	-
5	0.35	BU/YE	3401	Passenger Mirror Position Sensor Up (+) Down (-) Signal	I	-
6	0.35	BK/D-GN	3400	Passenger Mirror Position Sensor Low Reference	I	-
7	0.5	BU/GY	3414	Passenger Mirror Motor Fold In Control	I	DNP/DWR
8	0.35	GN/BK	3396	Passenger Mirror Motor Right (+) Left (-) Control	I	-
9	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	VT/WH	3403	Passenger Mirror Position Sensor Left (-) Right (+) Signal	I	-
12	-	-	-	Not Occupied	-	-

S79RR WINDOW SWITCH - RIGHT REAR

cardiagn.com



Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13551679
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F YESC Kaizen Series (L-GY)

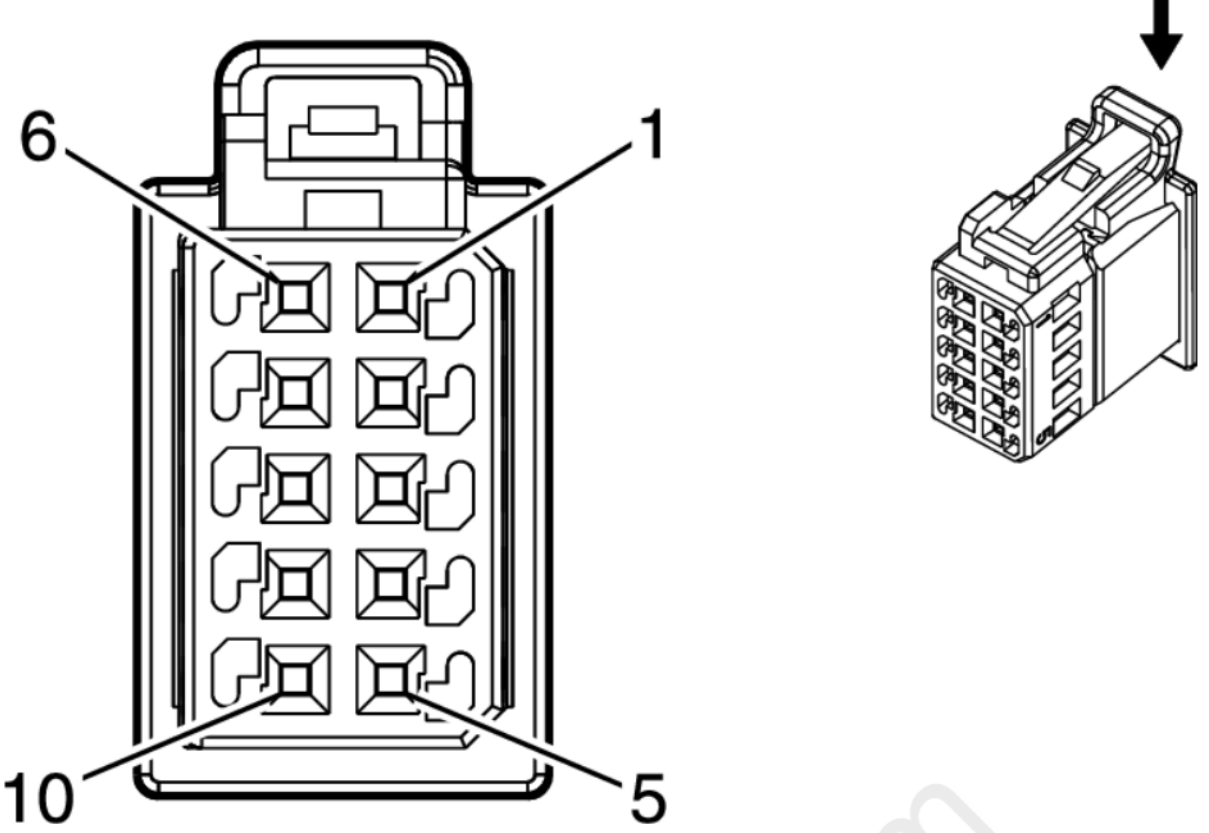
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2450	Ground	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	YE	6817	LED Backlight Dimming Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/GY	1186	Power Window Switch Right Rear Up Signal	I	-
7	0.35	BN/BU	1188	Power Window Switch Right Rear Down Signal	I	-
8	0.35	WH/D-GN	5049	Power Window Switch Right Rear Express Signal	I	-

S82 WINDSHIELD WIPER/WASHER SWITCH

carmagn.com



Connector Part Information

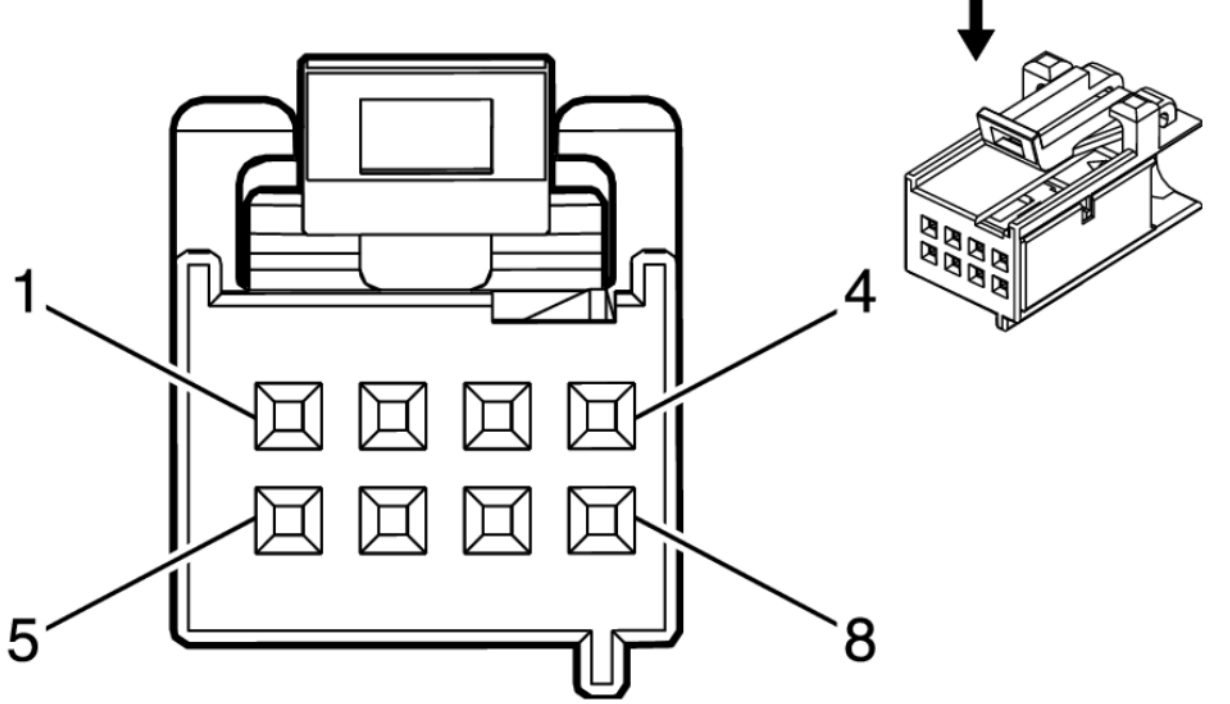
- Harness Type: Instrument Panel
- OEM Connector: 13650064
- Service Connector: 19330677
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575783	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/GY	6009	Windshield Wiper Switch Low Reference	I	-
2	0.35	GY	1715	Windshield Wiper Switch High Signal	I	-
3	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	BN/BU	775	Camera Wash Signal	I	UV3
6	-	-	-	Not Occupied	-	-
7	0.35	WH/BK	94	Windshield Washer Switch Signal	I	-
8 - 10	-	-	-	Not Occupied	-	-

S90LR SUNSHADE SWITCH - LEFT REAR DOOR (C3U/DB3)



Connector Part Information

- Harness Type: Left Rear Door Trim
- OEM Connector: 13623997
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Micro-Quadlock Series (BK)

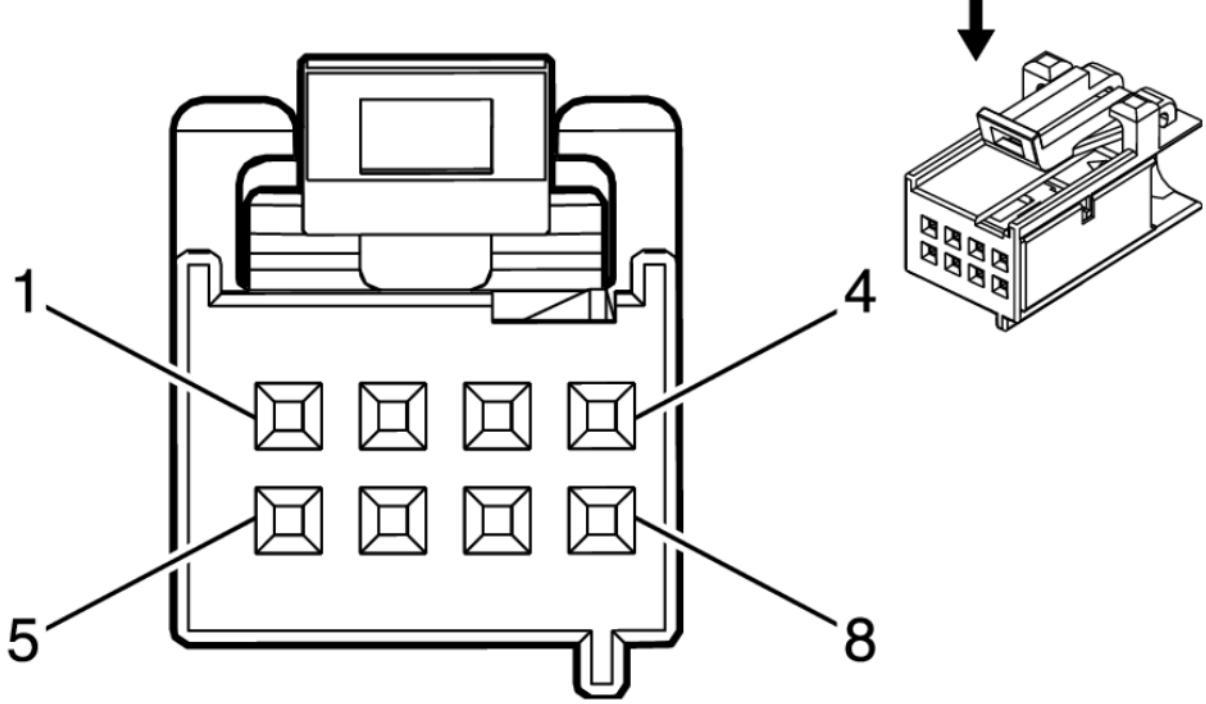
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	VT/GY	5310	Rear Sunshade Switch Express Signal	I	DB3
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BK	2350	Ground	I	-
6	0.35	YE/D-GN	5308	Rear Sunshade Switch Open Signal	I	C3U
7 - 8	-	-	-	Not Occupied	-	-

S90RR SUNSHADE SWITCH - RIGHT REAR DOOR (C3U/DB3)

cardiagn.com



Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13623997
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Micro-Quadlock Series (BK)

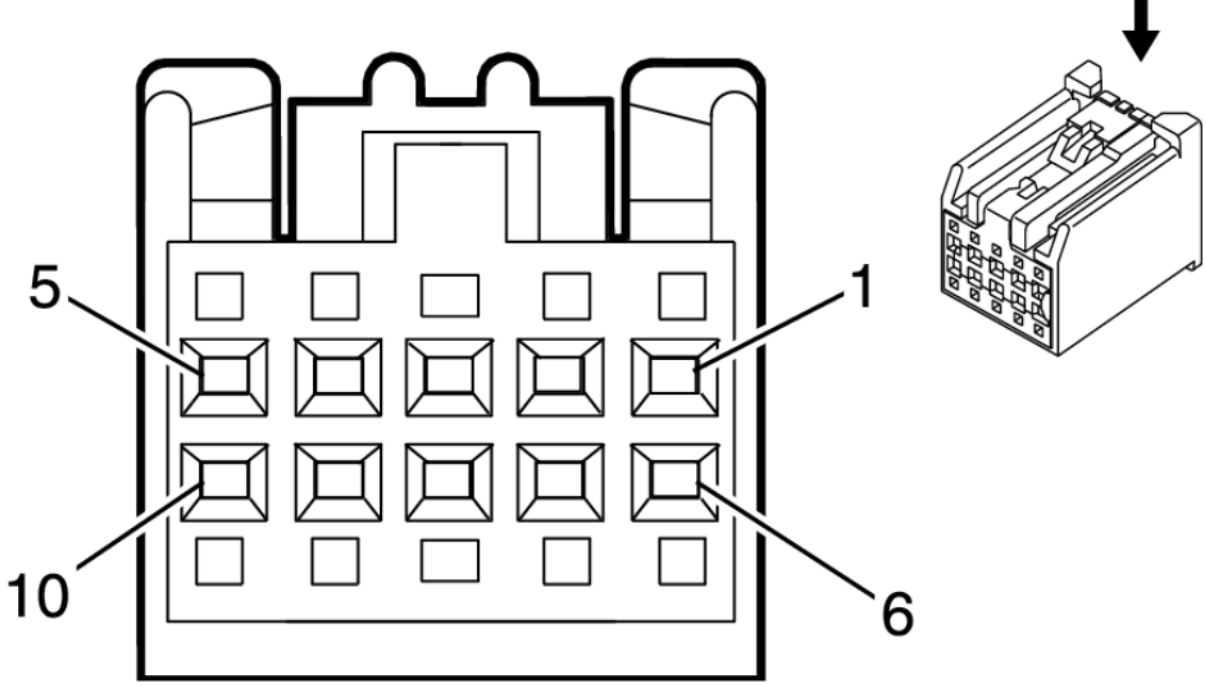
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	VT/GY	5310	Rear Sunshade Switch Express Signal	I	DB3
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BK	2450	Ground	I	-
6	0.35	YE/D-GN	5308	Rear Sunshade Switch Open Signal	I	C3U
7 - 8	-	-	-	Not Occupied	-	-

S91 PARK BRAKE CONTROL SWITCH

cardiagn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

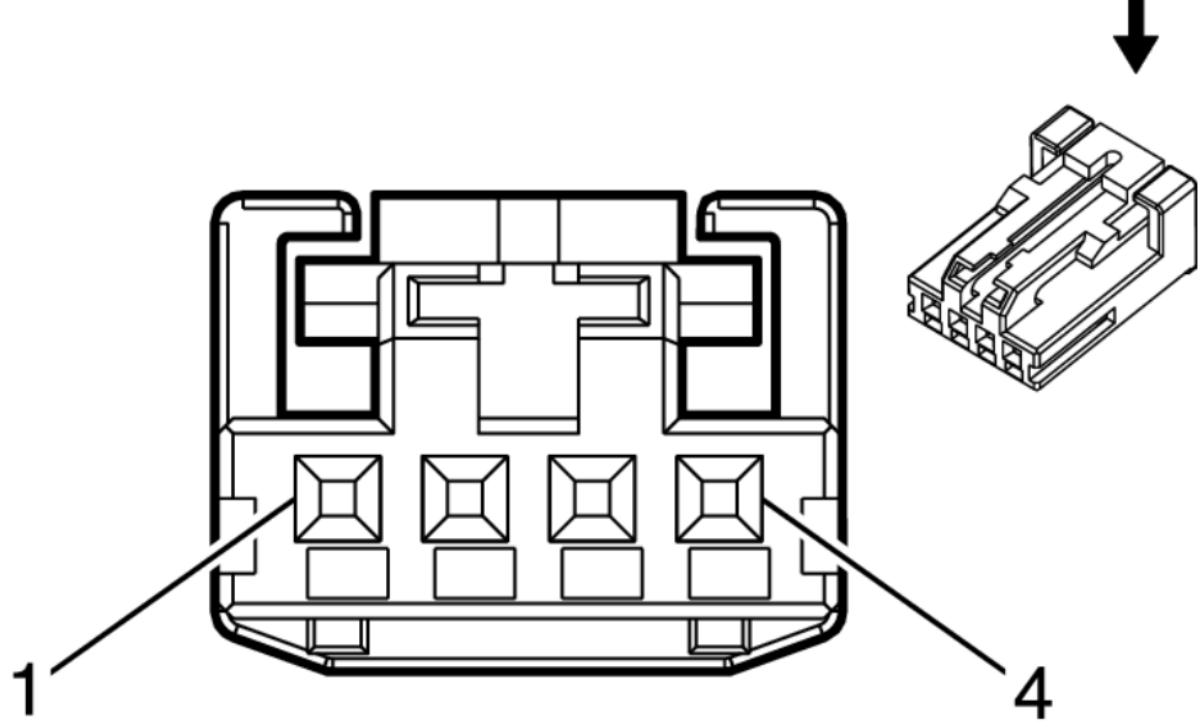
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	1492	Park Brake Switch Supply Voltage	I	-
2	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	I	-
3	0.35	BN	6107	Park Brake Apply Switch Signal	I	-
4	0.35	BU/BK	6108	Park Brake Release Switch Signal	I	-
5	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	I	-
6	0.35	BU/VT	1134	Park Brake Switch Signal	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	YE	6817	LED Backlight Dimming Control	I	-
9	-	-	-	Not Occupied	-	-
10	0.35	BK	1350	Ground	I	-

S100LR SEAT HEATING/VENTING/COOLING SWITCH - LEFT REAR (KA6+AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Left Rear Door Trim
- OEM Connector: 13853727
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

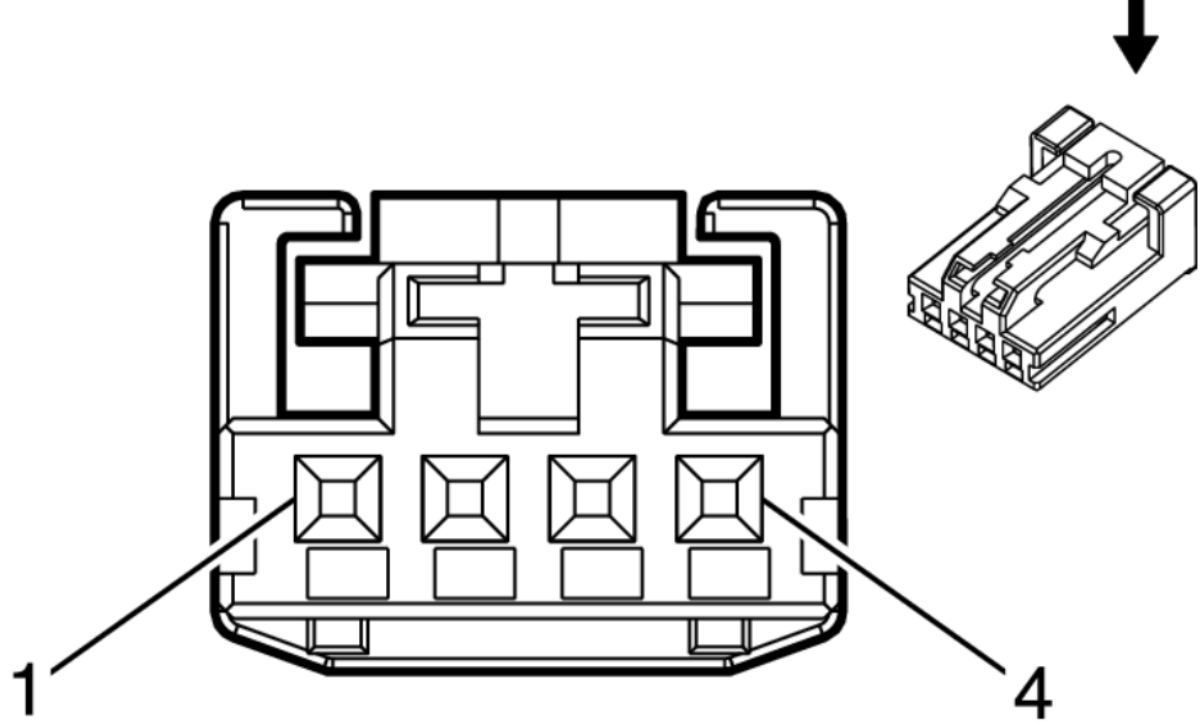
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	7540	Battery Positive Voltage	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	0.35	VT/BN	616	Memory Seat Switch Signal 2	I	AQ9
4	0.35	BK	2350	Ground	I	-

S100LR SEAT HEATING/VENTING/COOLING SWITCH - LEFT REAR (KA6-AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Left Rear Door Trim
- OEM Connector: 13853727
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

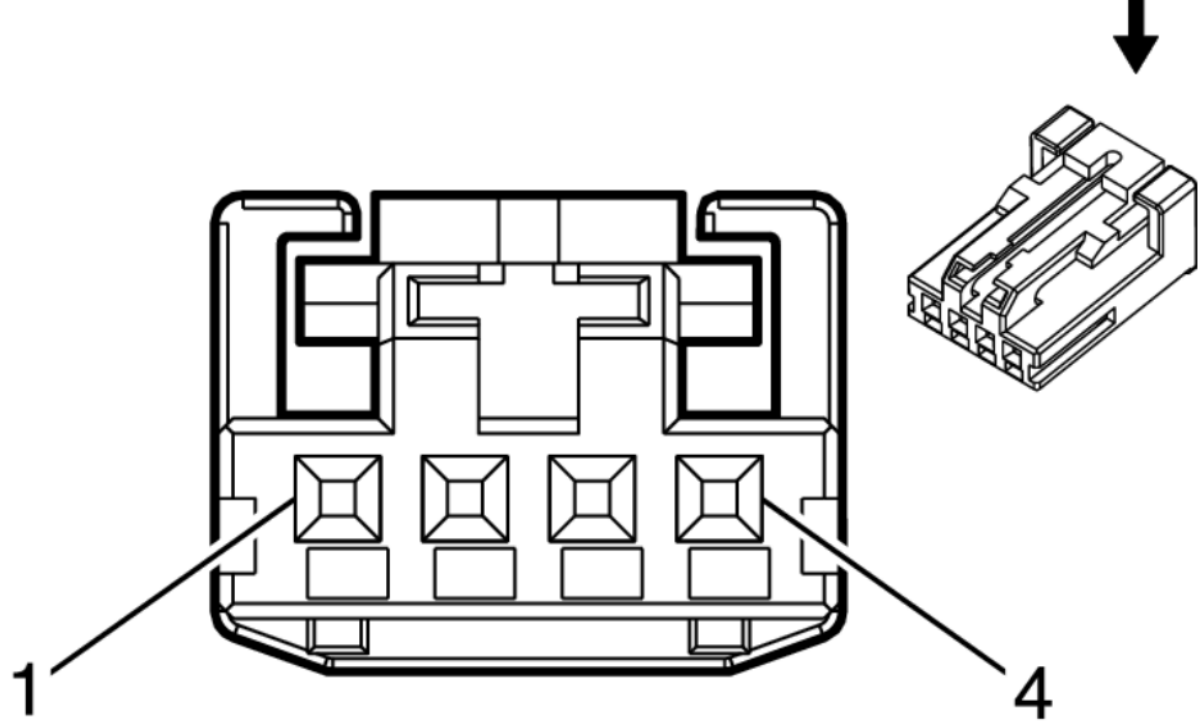
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	7540	Battery Positive Voltage	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	2350	Ground	I	-

S100RR SEAT HEATING/VENTING/COOLING SWITCH - RIGHT REAR (KA6+AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13853727
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

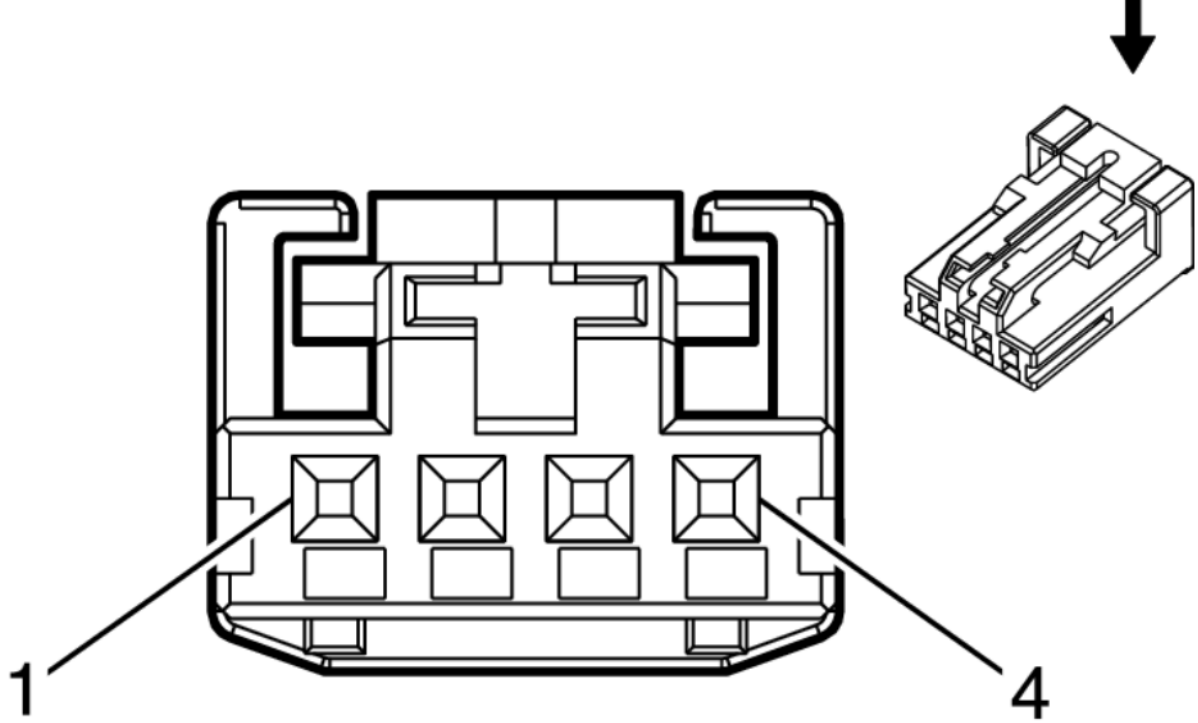
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	7540	Battery Positive Voltage	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	0.35	WH	615	Memory Seat Switch Signal 1	I	AQ9
4	0.35	BK	2450	Ground	I	-

S100RR SEAT HEATING/VENTING/COOLING SWITCH - RIGHT REAR (KA6-AQ9)

cardiagn.com



Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13853727
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

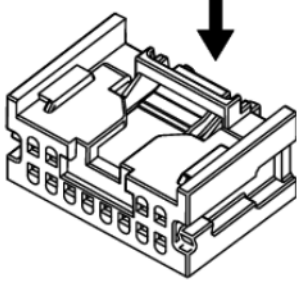
Terminal Part Information

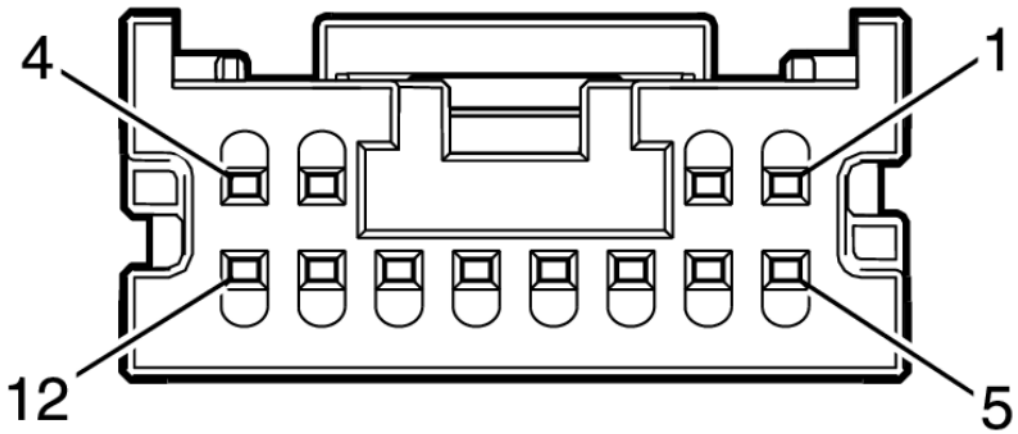
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	7540	Battery Positive Voltage	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	2450	Ground	I	-

S136 INFOTAINMENT CONTROL TOUCHPAD

cardiagn.com





Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 33235297
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F Mini 50 Series (BK)

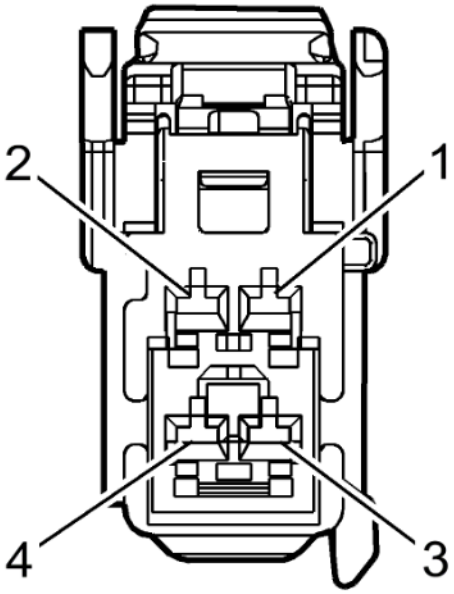
Terminal Part Information

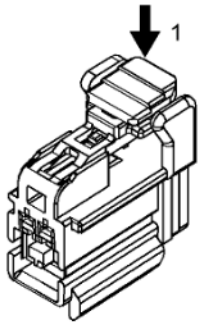
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	EL-35616-58 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
2	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4	0.35	YE	6817	LED Backlight Dimming Control	I	-
5	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
6	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.35	BK/WH	1551	Signal Ground	I	-
10	0.35	WH/VT	3999	MOST Control	I	-
11	-	-	-	Not Occupied	-	-
12	0.35	RD/VT	340	Battery Positive Voltage	I	-

S140 MEDIA DISC EJECT SWITCH (UWG)

cardiagn.com





Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13932543
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5 YESC Series (GY)

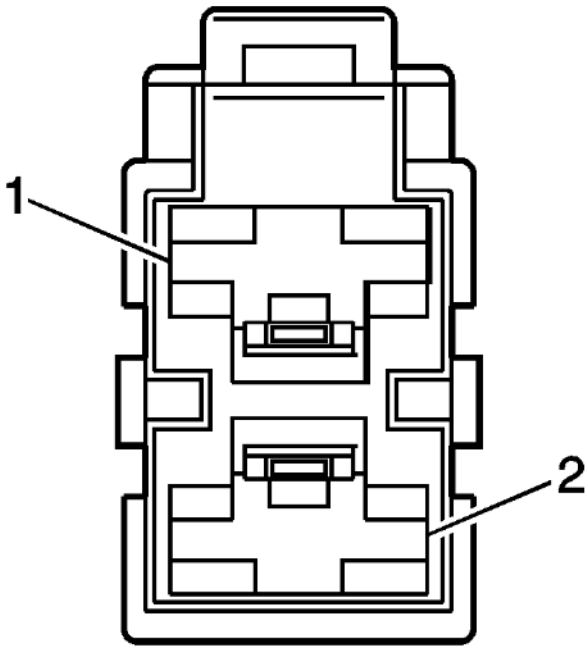
Terminal Part Information

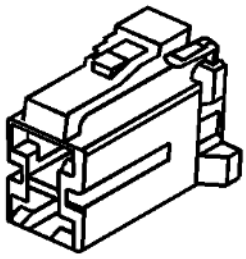
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/GN	6940	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY	4016	Remote Media Eject Signal	I	-
4	0.35	BK/WH	1551	Signal Ground	I	-

T1 ACCESSORY DC/AC POWER INVERTER MODULE X1 (KI6/KI7)

carlegn.com





Connector Part Information

- Harness Type: Body
- OEM Connector: 10721337
- Service Connector: 88953301
- Description: 2-Way F 56 Series (BK)

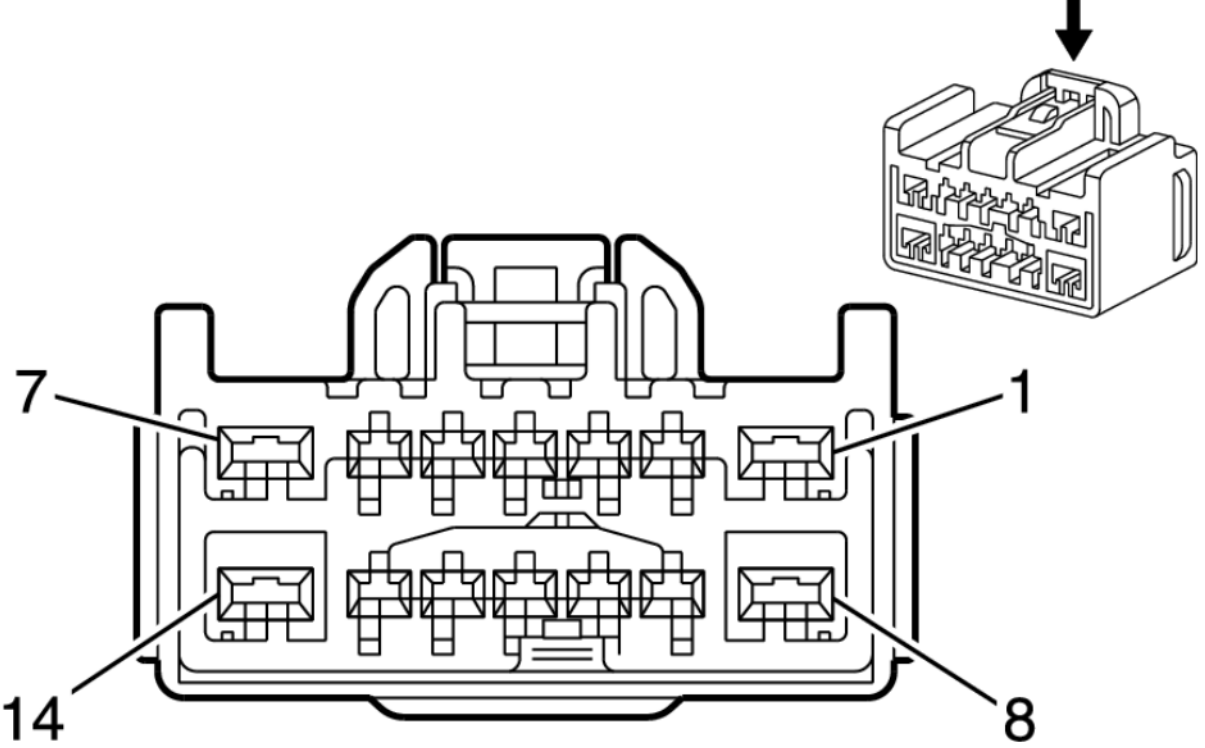
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-22 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	6	BN/BK	4629	DC/AC Inverter Control	I	-
2	4	BK	2450	Ground	I	-

T1 ACCESSORY DC/AC POWER INVERTER MODULE X2 (KI6)

cardiagn.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847017
- Service Connector: 88956524
- Description: 14-Way F 1.5, 2.8 Series (L-GY)

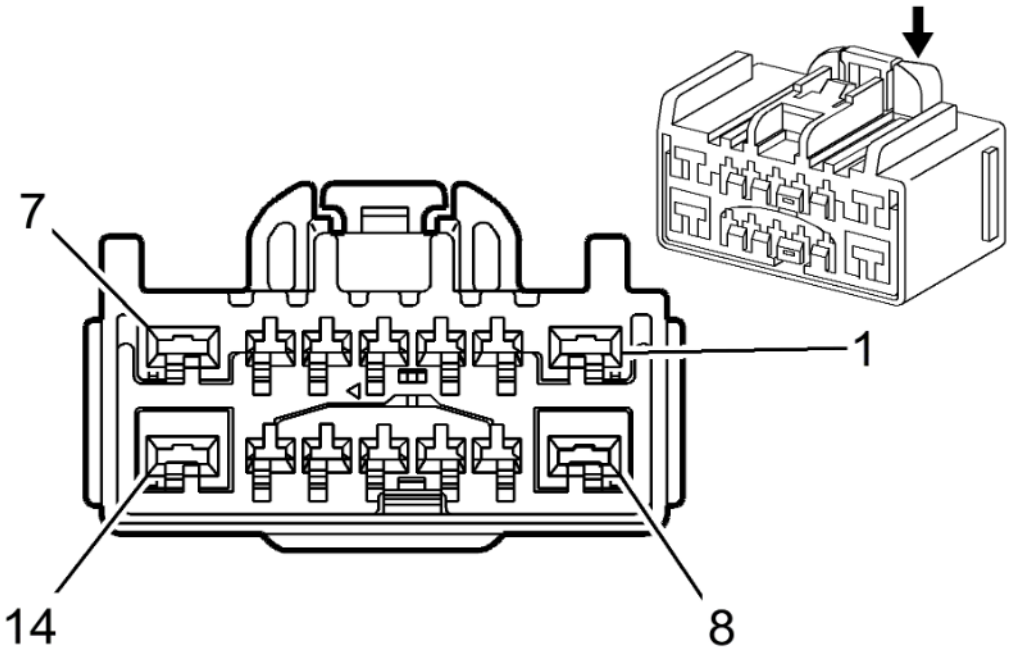
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	5683	120 V AC Phase A	II	-
2	-	-	-	Not Occupied	-	-
3	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
4	0.35	WH/GN	4628	DC/AC Inverter Relay Control	I	-
5	0.35	BU/WH	6807	DC To AC Inverter Control	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	RD	5684	120 V AC Phase B	II	-
9	0.5	BARE	514	Low Reference	I	-
10	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
11 - 14	-	-	-	Not Occupied	-	-

T1 ACCESSORY DC/AC POWER INVERTER MODULE X2 (KI7)

carlogun.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 15452737
- Service Connector: 19167675
- Description: 14-Way F 1.5, 2.8 Series (BK)

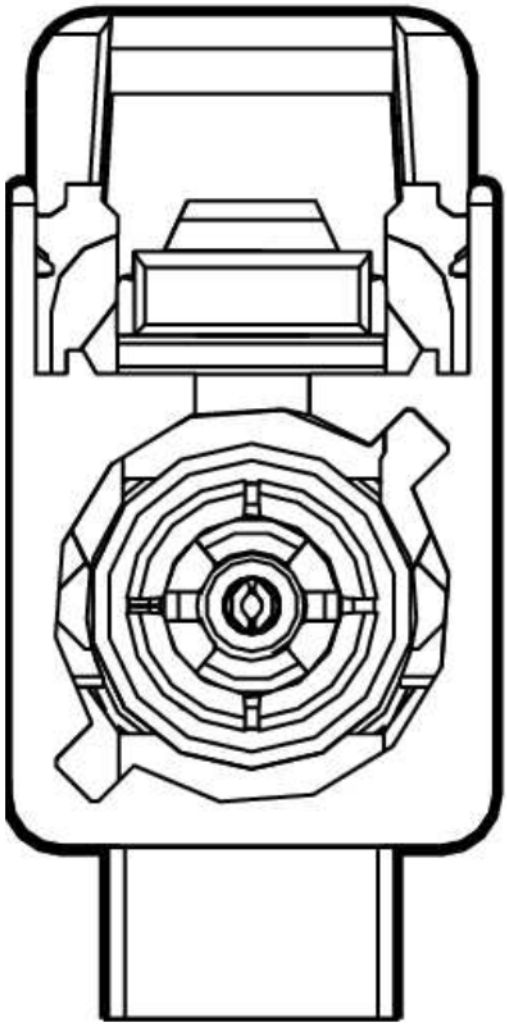
Terminal Part Information

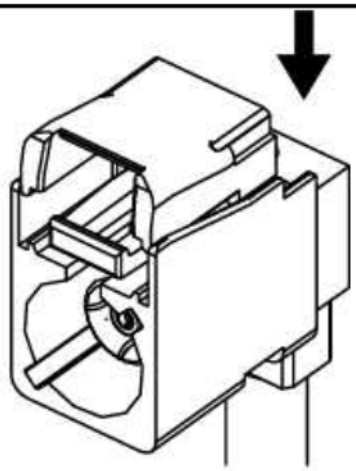
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	5683	120 V AC Phase A	II	-
2	-	-	-	Not Occupied	-	-
3	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
4	0.35	WH/GN	4628	DC/AC Inverter Relay Control	I	-
5	0.35	BU/WH	6807	DC To AC Inverter Control	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	RD	5684	120 V AC Phase B	II	-
9	0.5	BARE	514	Low Reference	I	-
10	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
11 - 14	-	-	-	Not Occupied	-	-

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T2RR ANTENNA - ROOF REAR X1 (IO6-UE1)





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

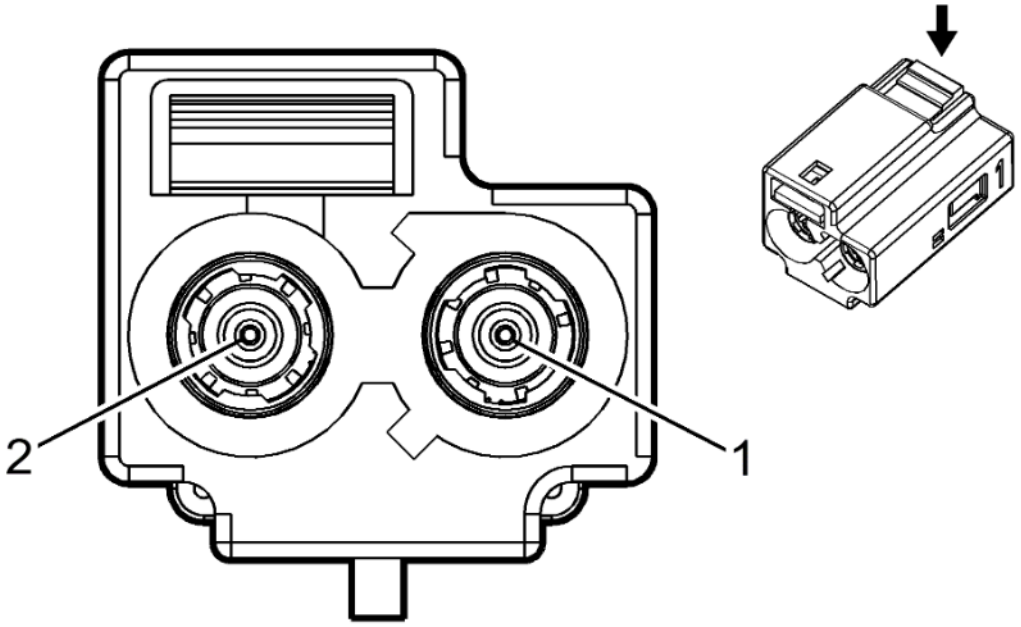
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

T2RR ANTENNA - ROOF REAR X2 (C4E/CZ3)

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Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

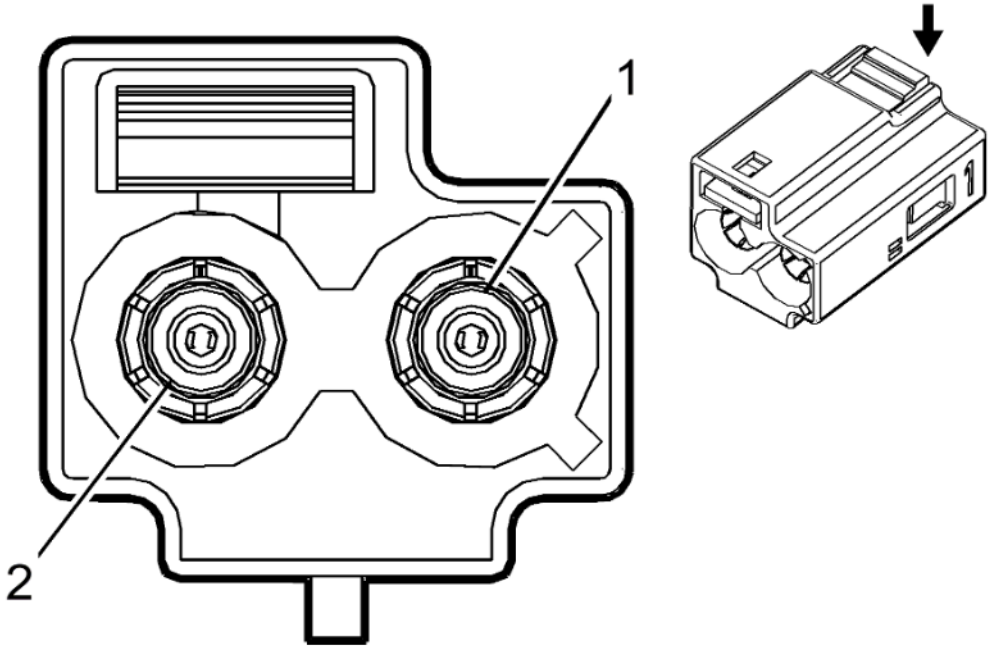
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

T2RR ANTENNA - ROOF REAR X2 (EF7/Z49)

carldgn.com



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

T2SR ANTENNA - REAR WINDOW X1 (IO6-UE1)

-

Connector Part Information

- Harness Type: Antenna COAX
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH	7114	Antenna Diversity Signal 2	I	-
2	-	WH	7114	Antenna Diversity Signal 2	I	-

T2SR ANTENNA - REAR WINDOW X2 (CW1/KL9)

-

Connector Part Information

- Harness Type: Antenna
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH	3292	Antenna Diversity Signal 3	I	-
2	-	WH	6002	Antenna Diversity Signal	I	-

T2SR ANTENNA - REAR WINDOW X3 (CW1)

-

Connector Part Information

- Harness Type: Antenna
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

Terminal Part Information

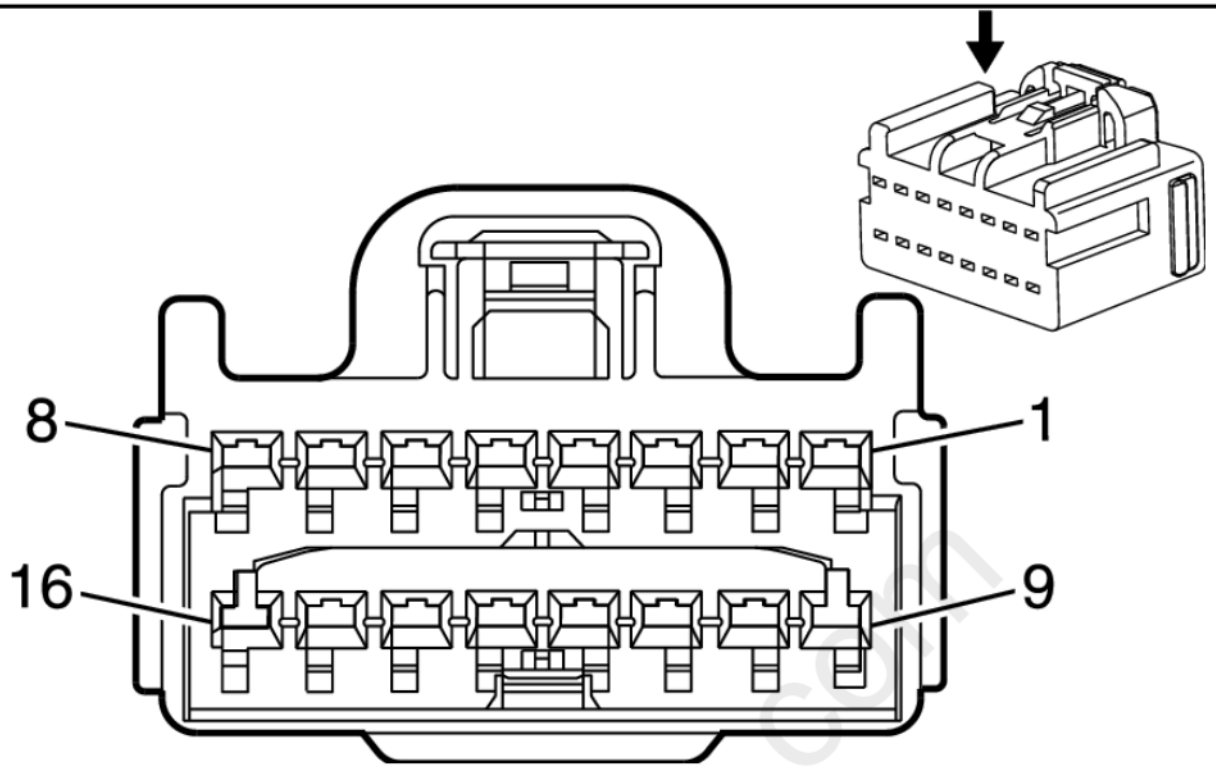
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH	7114	Antenna Diversity Signal 2	I	-

T3LF AUDIO AMPLIFIER - LEFT FRONT (UQH)



Connector Part Information

- Harness Type: Left Subwoofer Speaker
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)

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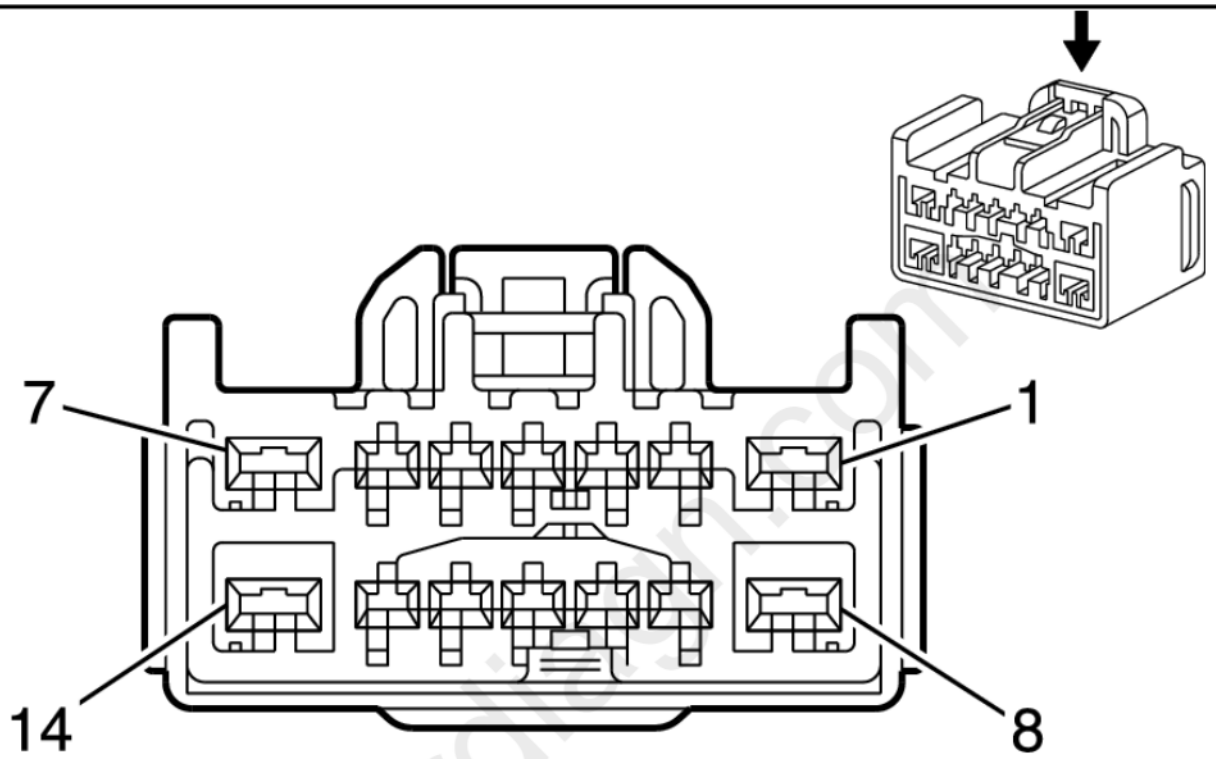
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	WH	-	-	I	-
2	1.5	RD	-	-	I	-
3	1.5	GN	-	-	I	-
4	1.5	GN	-	-	I	-
5	1.5	RD	-	-	I	-
6	1.5	WH	-	-	I	-
7	1.5	BK	-	-	I	-
8	1.5	WH	5040	Battery Positive Voltage	I	-
9	1.5	BK	-	-	I	-
10 - 11	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	1.5	GN	6762	Subwoofer Low Level Audio (-) Low Reference	I	-
13	1.5	RD	6763	Subwoofer Low Level Audio Signal	I	-
14	1.5	WH	9066	Entertainment Remote Enable Signal	I	-
15	-	-	-	Not Occupied	-	-
16	1.5	WH	1851	Signal Ground	I	-

T3R AUDIO AMPLIFIER - REAR (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847017
- Service Connector: 88956524
- Description: 14-Way F 1.5, 2.8 Series (L-GY)

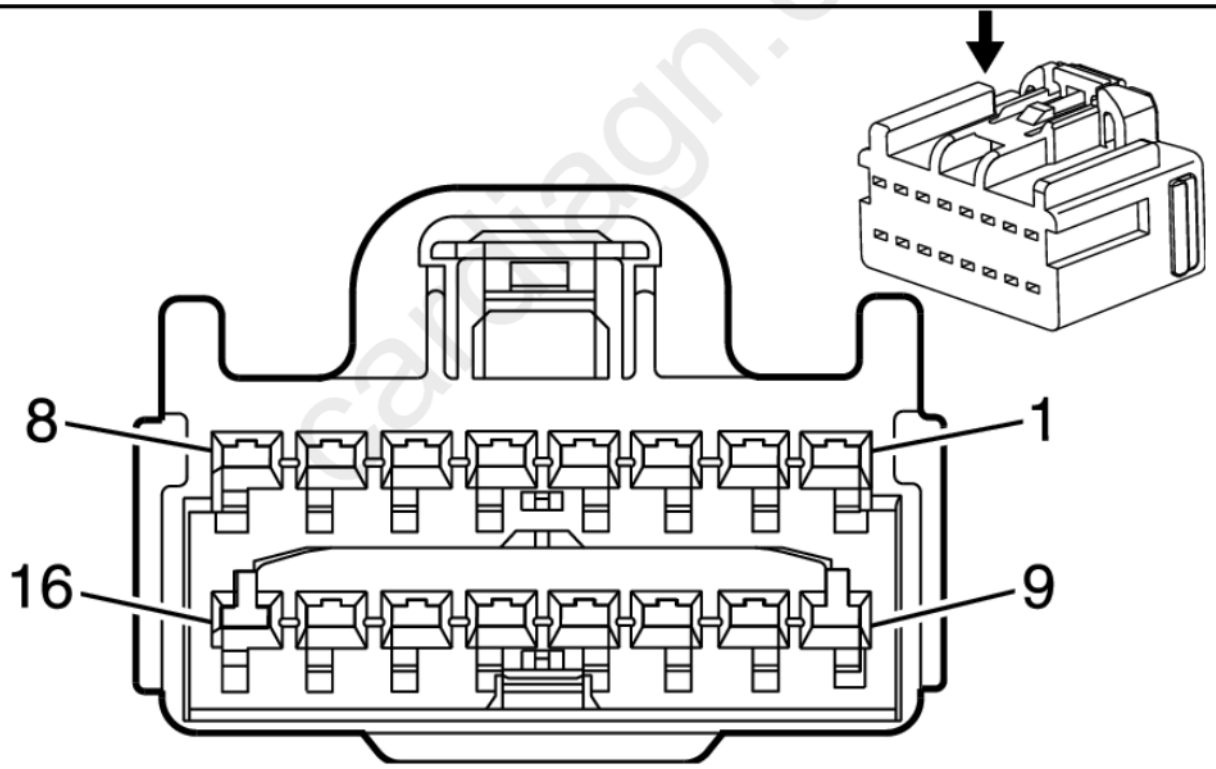
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575832	J-35616-4A (PU)	J-38125-11A	7116-4112-02	Yazaki 9	C	D
II	19301756	J-35616-14 (GN)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19303598	J-35616-14 (GN)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	GY/BU	3762	Subwoofer Low Level Audio Signal (-) Low Reference	II	-
3	0.35	WH/YE	3763	Subwoofer Low Level Audio Signal	II	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/YE	7066	Entertainment Remote Enable Signal	II	-
6	-	-	-	Not Occupied	-	-
7	3	RD/BN	1140	Battery Positive Voltage	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	2	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	III	-
11	2	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	III	-
12 - 13	-	-	-	Not Occupied	-	-
14	3	BK/WH	1851	Signal Ground	I	-

T3RF AUDIO AMPLIFIER - RIGHT FRONT (UQH)



Connector Part Information

- Harness Type: Right Subwoofer Speaker
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)

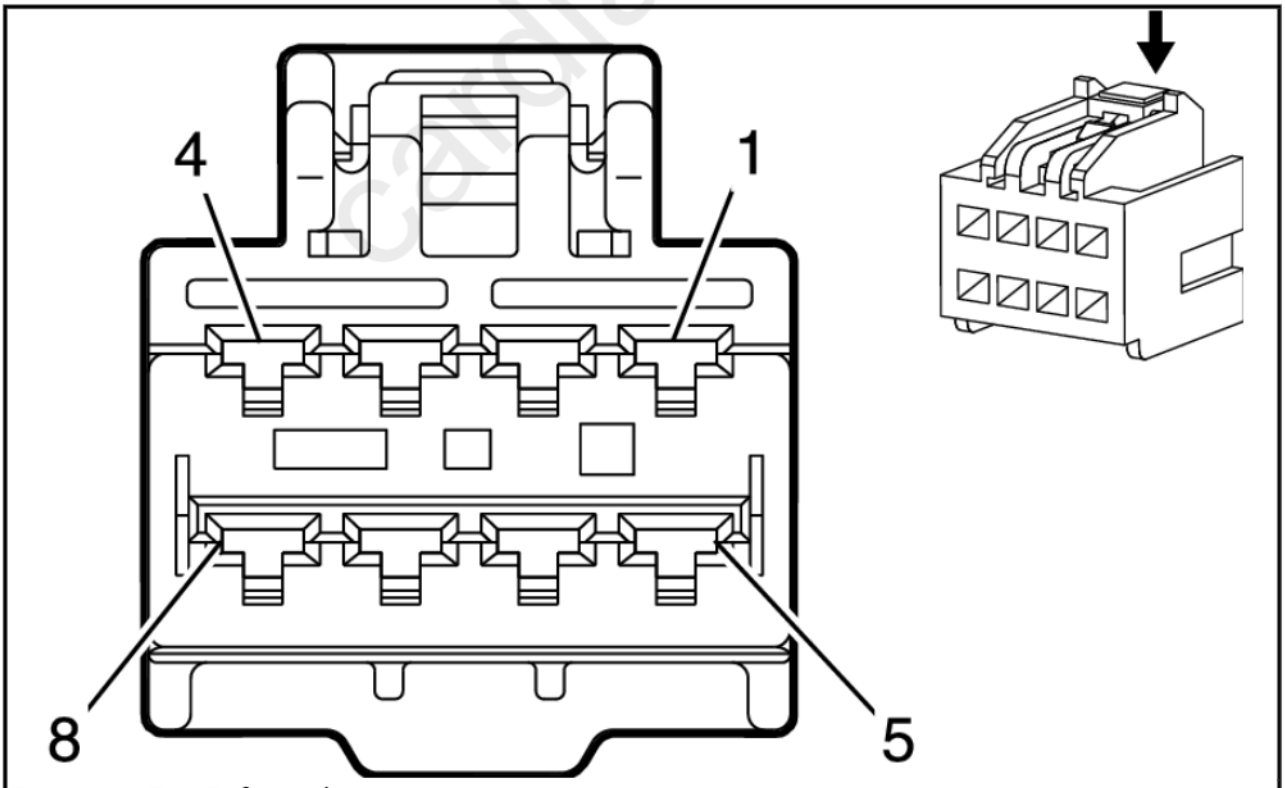
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	WH	-	-	I	-
2	1.5	RD	-	-	I	-
3	1.5	GN	-	-	I	-
4	1.5	GN	-	-	I	-
5	1.5	RD	-	-	I	-
6	1.5	WH	-	-	I	-
7	1.5	BK	-	-	I	-
8	1.5	BK	2940	Battery Positive Voltage	I	-
9	1.5	BK	-	-	I	-
10 - 11	-	-	-	Not Occupied	-	-
12	1.5	GN	6765	Subwoofer Low Level Audio Signal	I	-
13	1.5	RD	6766	Subwoofer Low Level Audio (-) Low Reference	I	-
14	1.5	WH	9166	Entertainment Remote Enable Signal	I	-
15	-	-	-	Not Occupied	-	-
16	1.5	WH	1851	Signal Ground	I	-

T3 AUDIO AMPLIFIER X1 (UQA+HP9)



Connector Part Information

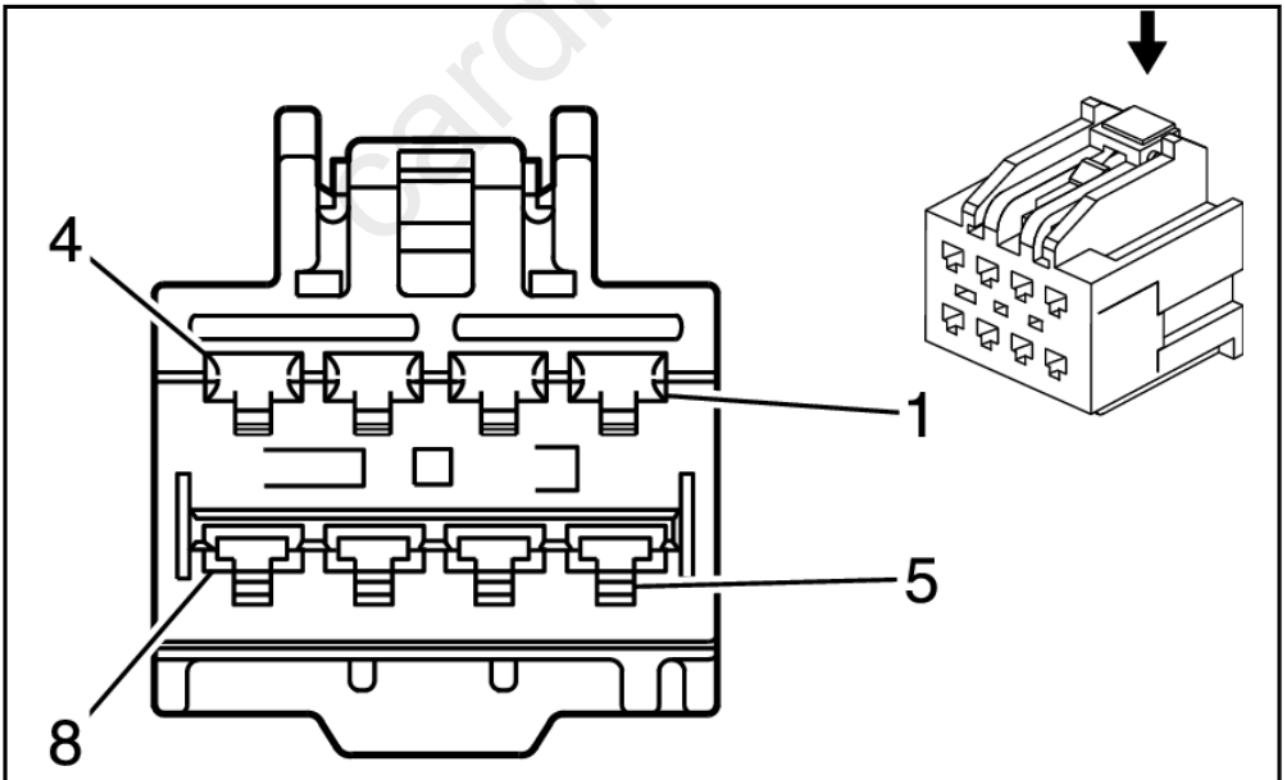
- Harness Type: Body
- OEM Connector: 15491286
- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	-
3	1.5	BU	201	Left Front Speaker Control (+) 1	I	-
4	3	RD/YE	3740	Battery Positive Voltage	I	-
5	1	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	-
6	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
7	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
8	3	BK/WH	1851	Signal Ground	I	-

T3 AUDIO AMPLIFIER X1 (UQA+KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491289
- Service Connector: 19115652

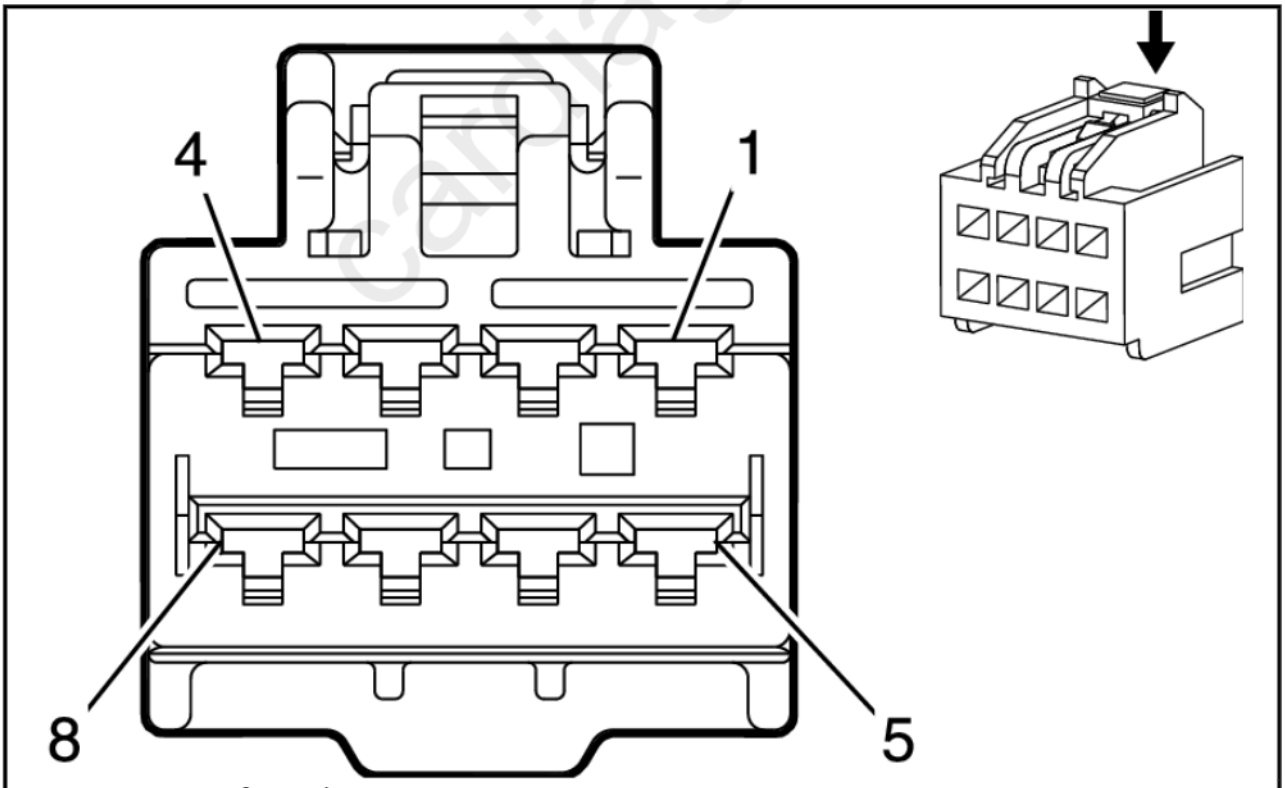
- Description: 8-Way F 2.8 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	-
3	1.5	BU	201	Left Front Speaker Control (+) 1	I	-
4	3	RD/YE	3740	Battery Positive Voltage	I	-
5	1	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	-
6	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
7	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
8	3	BK/WH	1851	Signal Ground	I	-

T3 AUDIO AMPLIFIER X1 (UQH)



Connector Part Information

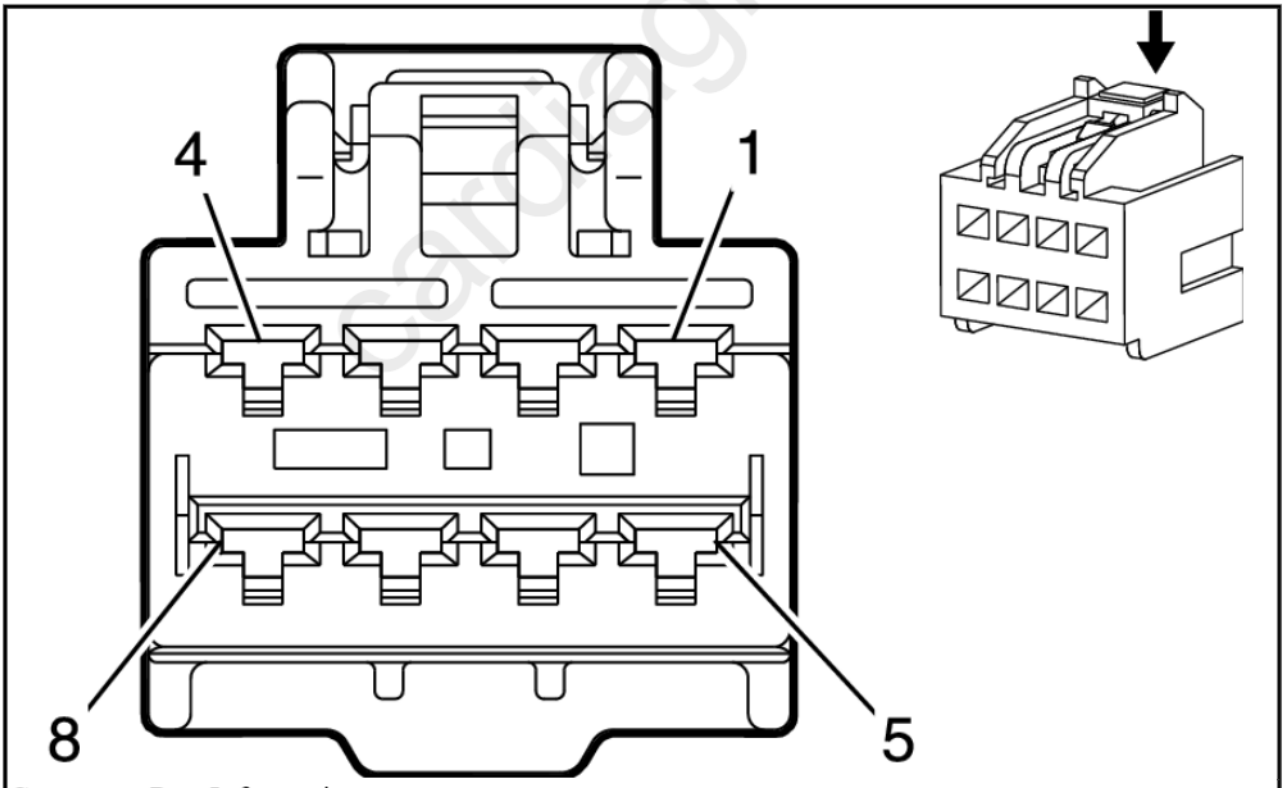
- Harness Type: Body
- OEM Connector: 15491286
- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	-
2	1.5	VT/GN	5756	Center Console Speaker Control (+)	I	-
3	1.5	YE/WH	1860	Front Center Speaker Control (+)	I	-
4	3	RD/YE	3740	Battery Positive Voltage	I	-
5	0.5	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	-
6	1.5	BN/BU	5766	Console Center Speaker (-) Low Reference	I	-
7	1.5	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
8	3	BK/WH	1851	Signal Ground	I	-

T3 AUDIO AMPLIFIER X1 (UQS)



Connector Part Information

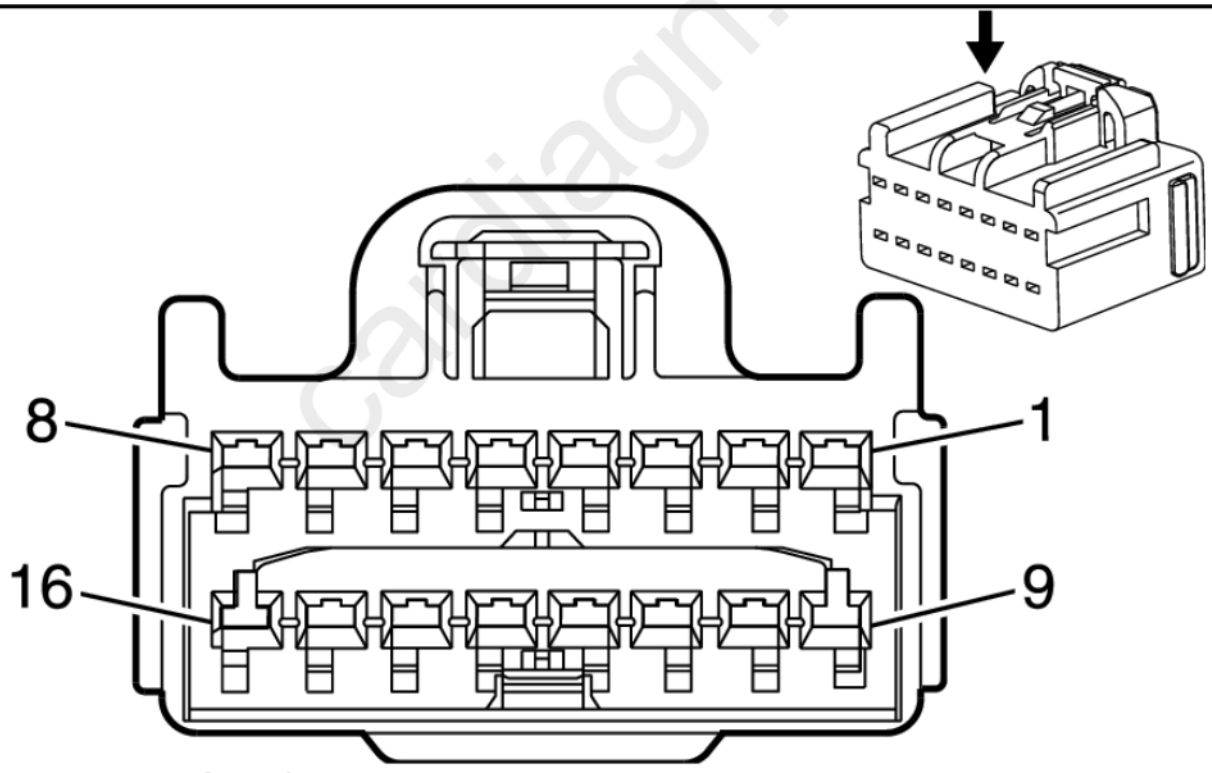
- Harness Type: Body
- OEM Connector: 15491286
- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	-
3	1.5	BU	201	Left Front Speaker Control (+) 1	I	-
4	3	RD/YE	3740	Battery Positive Voltage	I	-
5	1	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	-
6	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
7	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
8	3	BK/WH	1851	Signal Ground	I	-

T3 AUDIO AMPLIFIER X2 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847013
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)

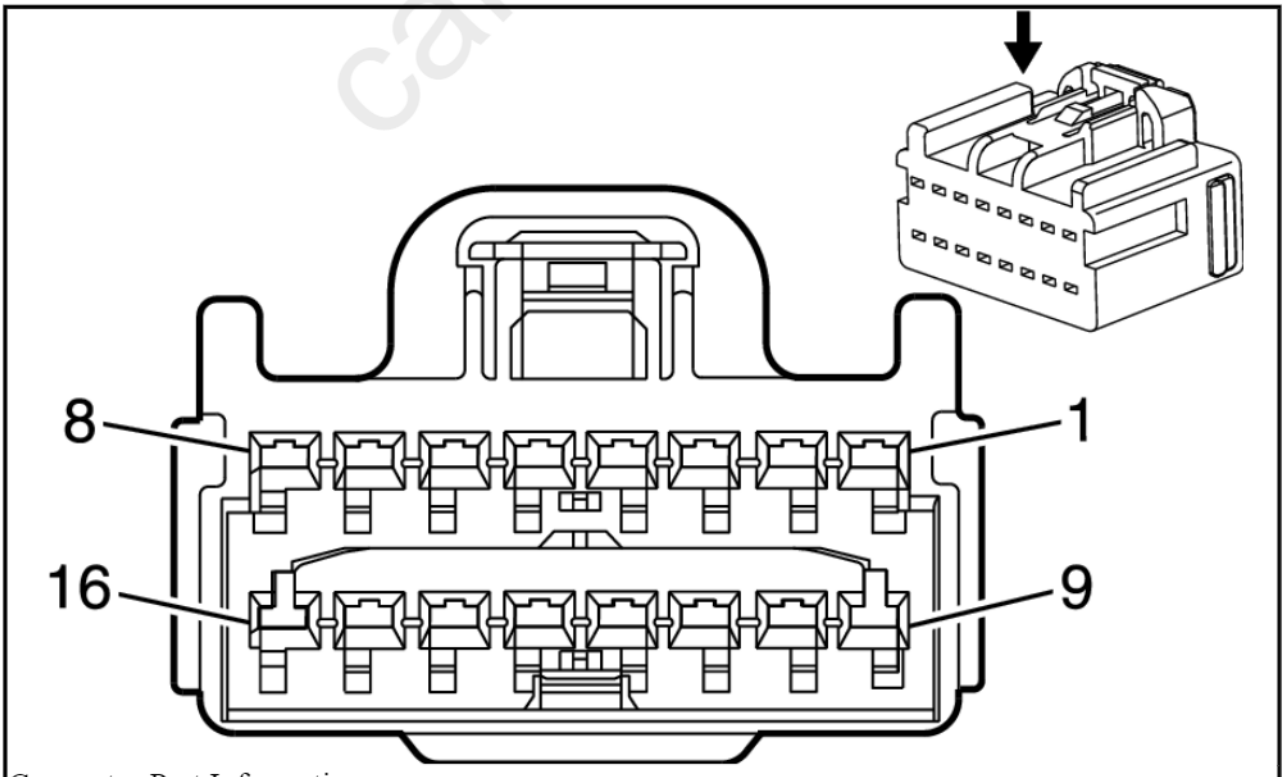
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575708	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.75	GN/BU	1875	Right Front Speaker Control (+) 2	I	-
5	0.5	BU/VT	1874	Left Front Speaker Control (+) 2	II	-
6	0.75	WH	46	Right Rear Speaker Control (+)	I	-
7	0.5	GN	199	Left Rear Speaker Control (+)	II	-
8	0.75	YE/WH	1860	Front Center Speaker Control (+)	I	-
9 - 11	-	-	-	Not Occupied	-	-
12	0.75	BN/BK	1975	Right Front Speaker (-) 2 Low Reference	I	-
13	0.5	GY/BK	1974	Left Front Speaker (-) 2 Low Reference	II	-
14	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
15	0.5	GN/BK	116	Left Rear Speaker Signal (-)	II	-
16	0.75	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-

T3 AUDIO AMPLIFIER X2 (UQH)



Connector Part Information

- Harness Type: Body

- OEM Connector: 10847013
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)

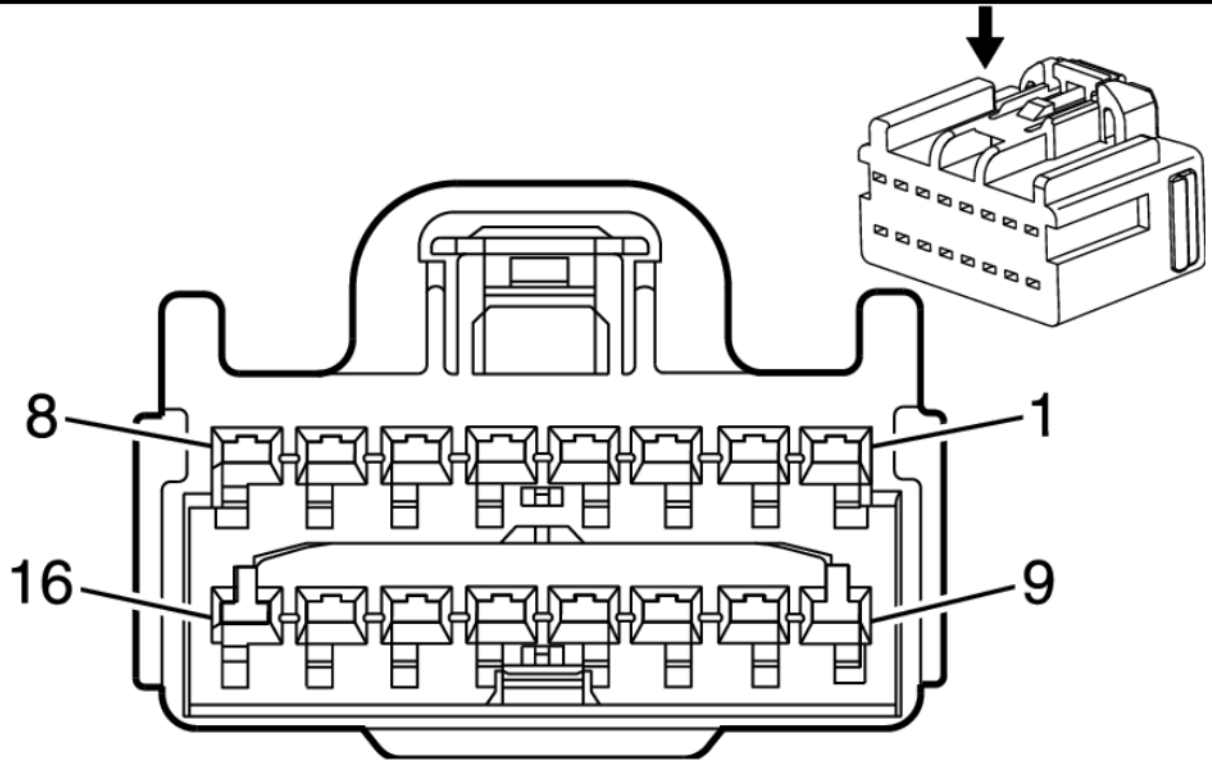
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575829	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	13578892	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	19301756	J-35616-14 (GN)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/VT	1857	Left Front Midrange Speaker Control (+)	IV	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	III	-
3	1.5	BU	201	Left Front Speaker Control (+) 1	III	-
4	0.75	BN/GN	1852	Right Front Tweeter Speaker Control (+)	II	-
5	0.5	YE/BU	1856	Left Front Tweeter Speaker Control (+)	IV	-
6	1	WH	46	Right Rear Speaker Control (+)	I	-
7	1	GN	199	Left Rear Speaker Control (+)	I	-
8	0.75	YE/GN	1855	Right Rear Midrange Speaker Control (+)	I	-
9	0.5	BU/BN	1957	Left Front Midrange Speaker (-) Low Reference	IV	-
10	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	III	-
11	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	III	-
12	0.75	VT/BN	1952	Right Front Tweeter Speaker (-) Low Reference	II	-
13	0.5	YE/GY	1956	Left Front Tweeter Speaker (-) Low Reference	IV	-
14	1	BU/BK	115	Right Rear Speaker Signal (-)	I	-
15	1	GN/BK	116	Left Rear Speaker Signal (-)	I	-
16	0.75	GY/BU	1955	Right Rear Midrange Speaker (-) Low Reference	I	-

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T3 AUDIO AMPLIFIER X2 (UQS)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847013
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)

Terminal Part Information

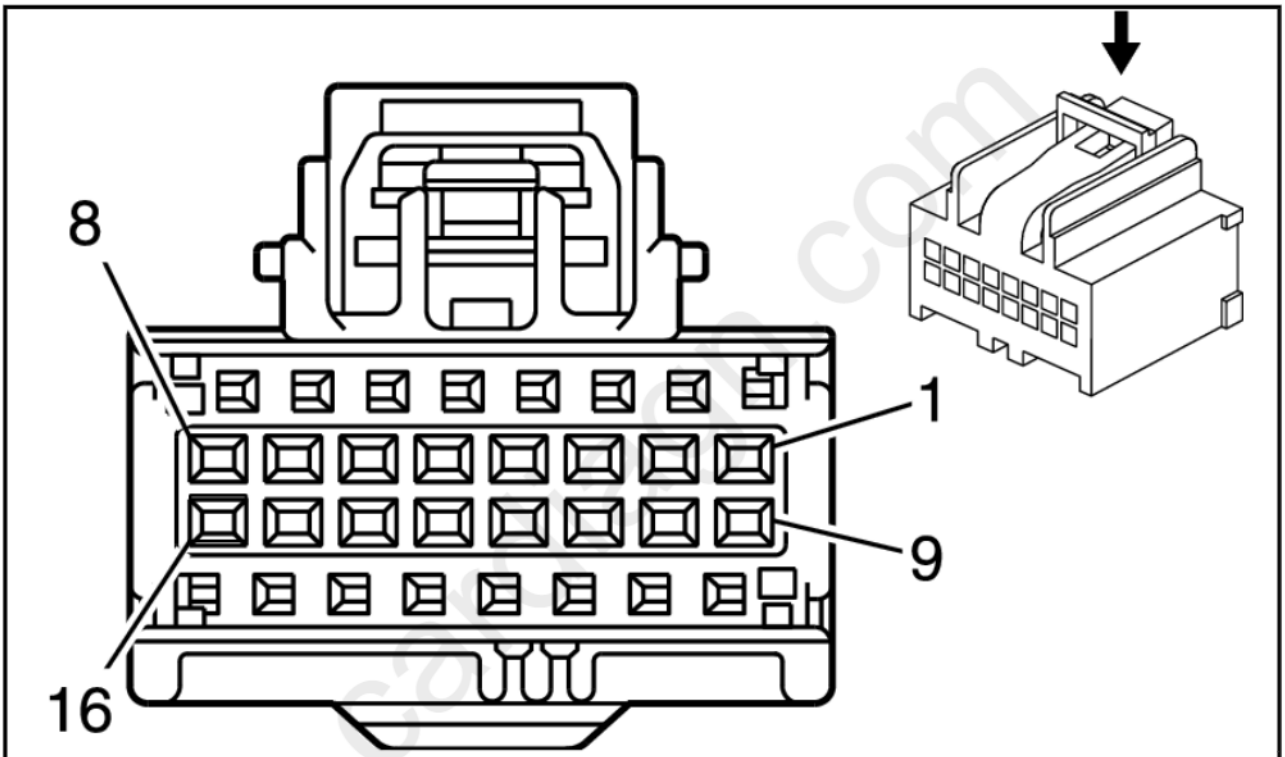
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575708	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	GY/BU	1955	Right Rear Midrange Speaker (-) Low Reference	II	-
3	0.5	YE/BN	1859	Left Rear Midrange Speaker Control (+)	II	-
4	0.75	GN/BU	1875	Right Front Speaker Control (+) 2	I	-
5	0.5	BU/VT	1874	Left Front Speaker Control (+) 2	II	-
6	0.75	WH	46	Right Rear Speaker Control (+)	I	-
7	0.5	GN	199	Left Rear Speaker Control (+)	II	-
8	0.75	YE/WH	1860	Front Center Speaker Control (+)	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	YE/GN	1855	Right Rear Midrange Speaker Control (+)	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.5	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	II	-
12	0.75	BN/BK	1975	Right Front Speaker (-) 2 Low Reference	I	-
13	0.5	GY/BK	1974	Left Front Speaker (-) 2 Low Reference	II	-
14	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
15	0.5	GN/BK	116	Left Rear Speaker Signal (-)	II	-
16	0.75	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-

T3 AUDIO AMPLIFIER X3 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

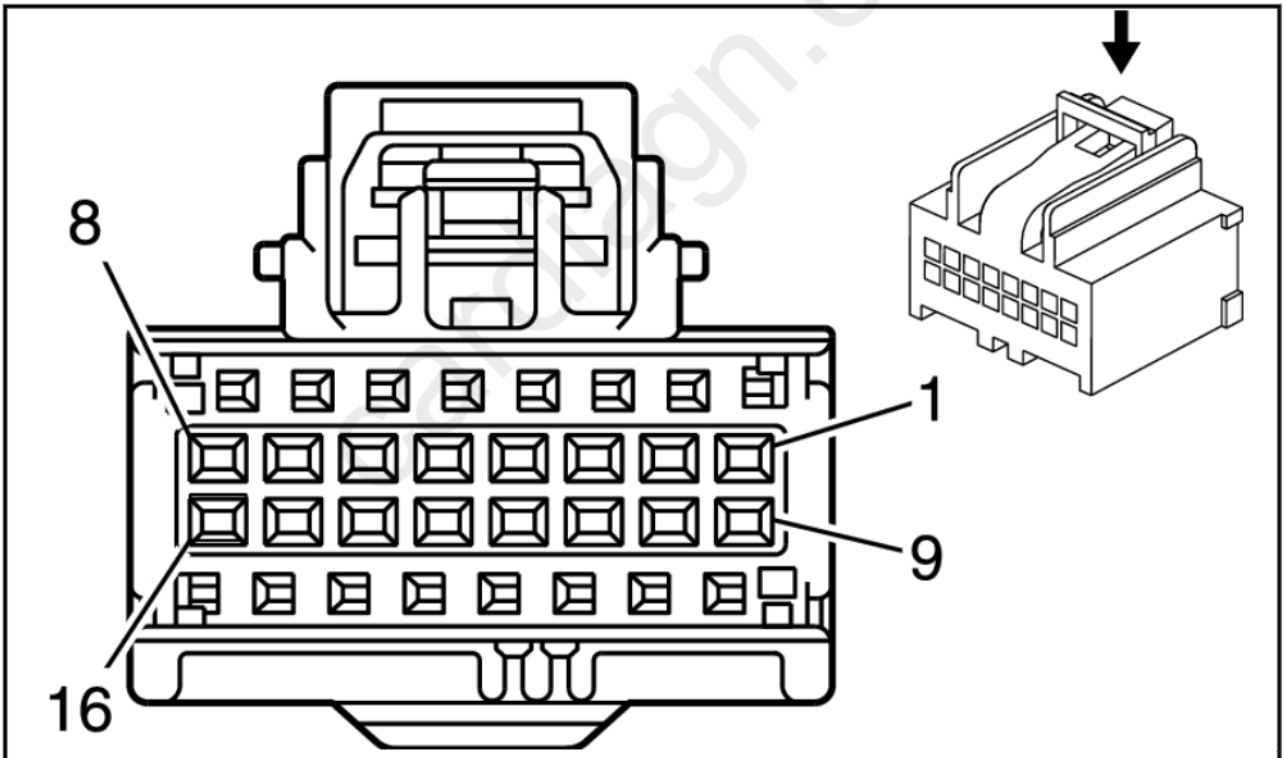
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	UQA-HP9

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-
5	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-
6	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-
13	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
14	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
15 - 16	-	-	-	Not Occupied	-	-

T3 AUDIO AMPLIFIER X3 (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

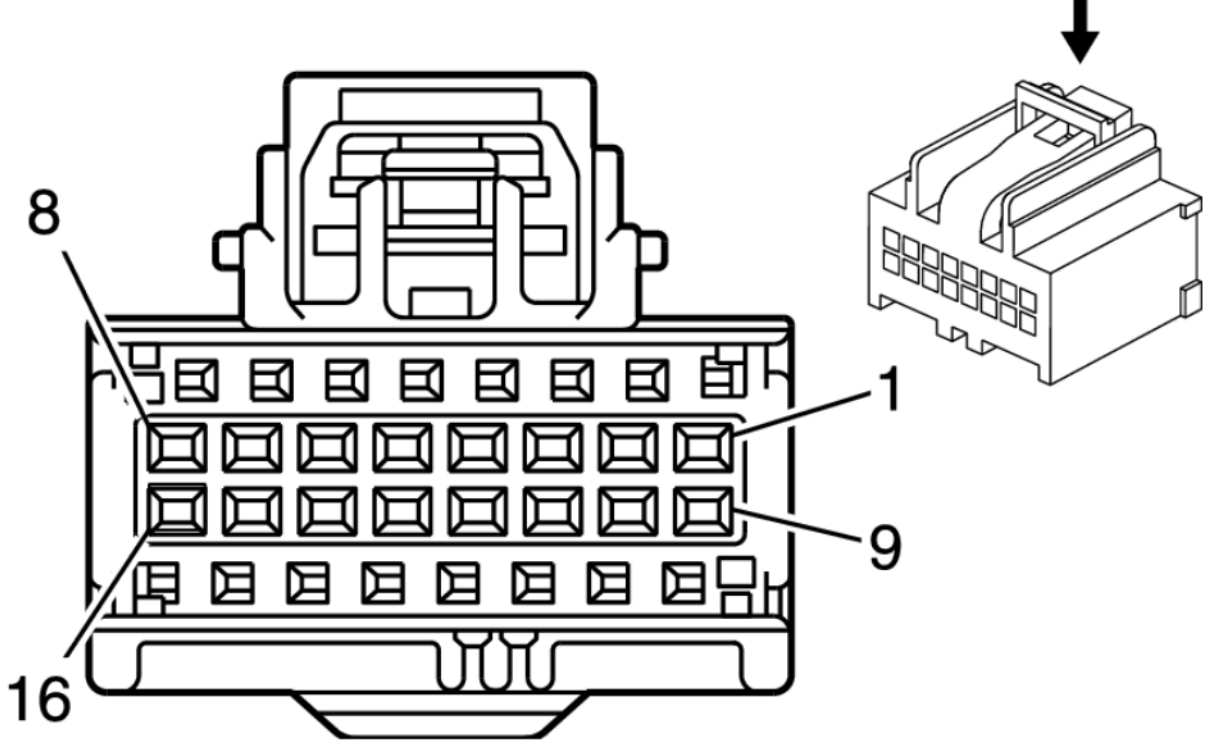
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/VT	5757	Left Front Seat Left Speaker Control (+)	I	-
2	0.75	GY/BK	5768	Left Front Seat Right Speaker (-) Low Reference	I	-
3	0.75	BN/GY	5758	Left Front Seat Right Speaker Control (+)	I	-
4	0.75	YE/GN	5760	Right Front Seat Right Speaker Control (+)	I	-
5	0.75	GN/BK	5770	Right Front Seat Right Speaker (-) Low Reference	I	-
6	0.75	GY/YE	5759	Right Front Seat Left Speaker Control (+)	I	-
7	0.75	YE/BK	5769	Right Front Seat Left Speaker (-) Low Reference	I	-
8	0.75	WH/YE	1853	Right Front Midrange Speaker Control (+)	I	-
9	0.75	GN/GY	5767	Left Front Seat Left Speaker (-) Low Reference	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	WH/YE	3731	Center Speaker Limit Switch Up Signal	I	-
12	0.35	WH/BN	3729	Center Speaker Output Motor Speed Signal	I	-
13	0.35	WH/BU	3728	Center Speaker Output Motor Move Direction Signal	I	-
14	0.35	GY/BU	3727	Center Speaker Input Motor Diagnostic Signal	I	-
15	0.35	VT/WH	3730	Center Speaker Limit Switch Down Signal	I	-
16	0.75	BN/BK	1953	Right Front Midrange Speaker (-) Low Reference	I	-

T3 AUDIO AMPLIFIER X3 (UQS)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

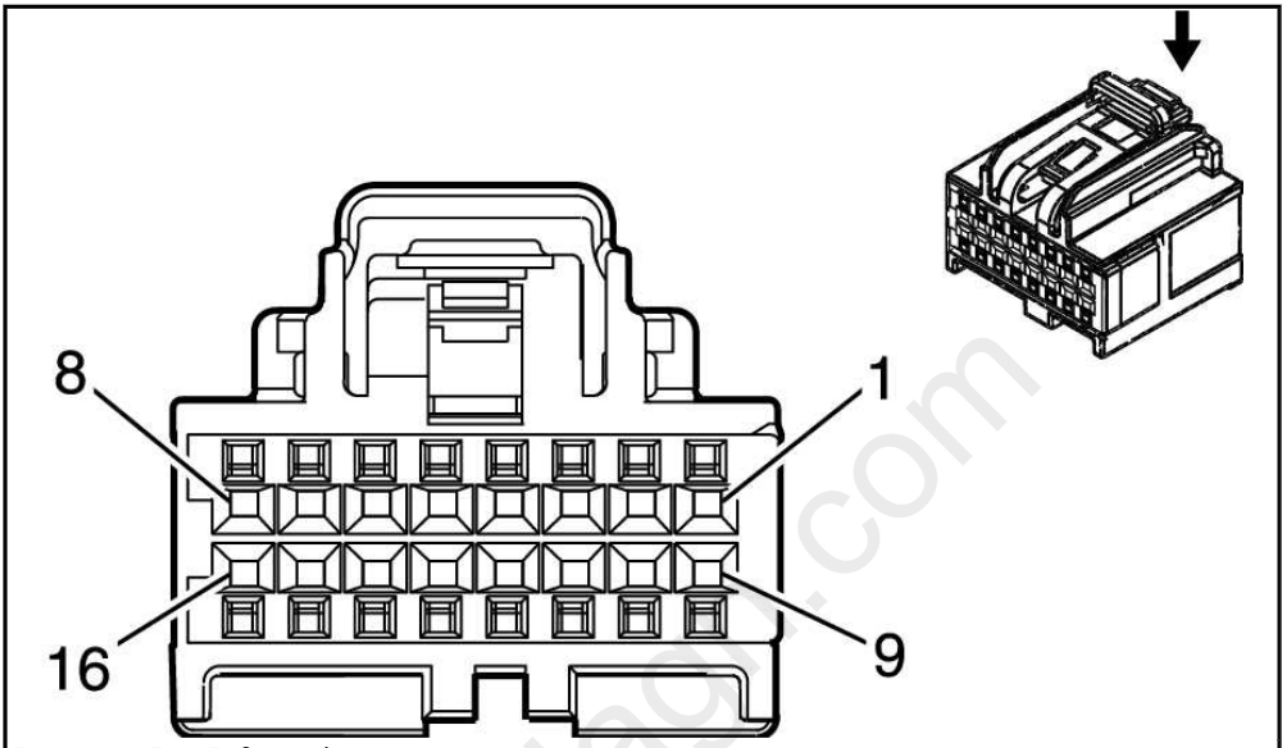
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	UQS
2	0.35	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-
5	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-
6	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
14	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
15 - 16	-	-	-	Not Occupied	-	-

T3 AUDIO AMPLIFIER X4 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13819411
- Service Connector: 13582574
- Description: 16-Way F 0.64 OCS Series (BN)

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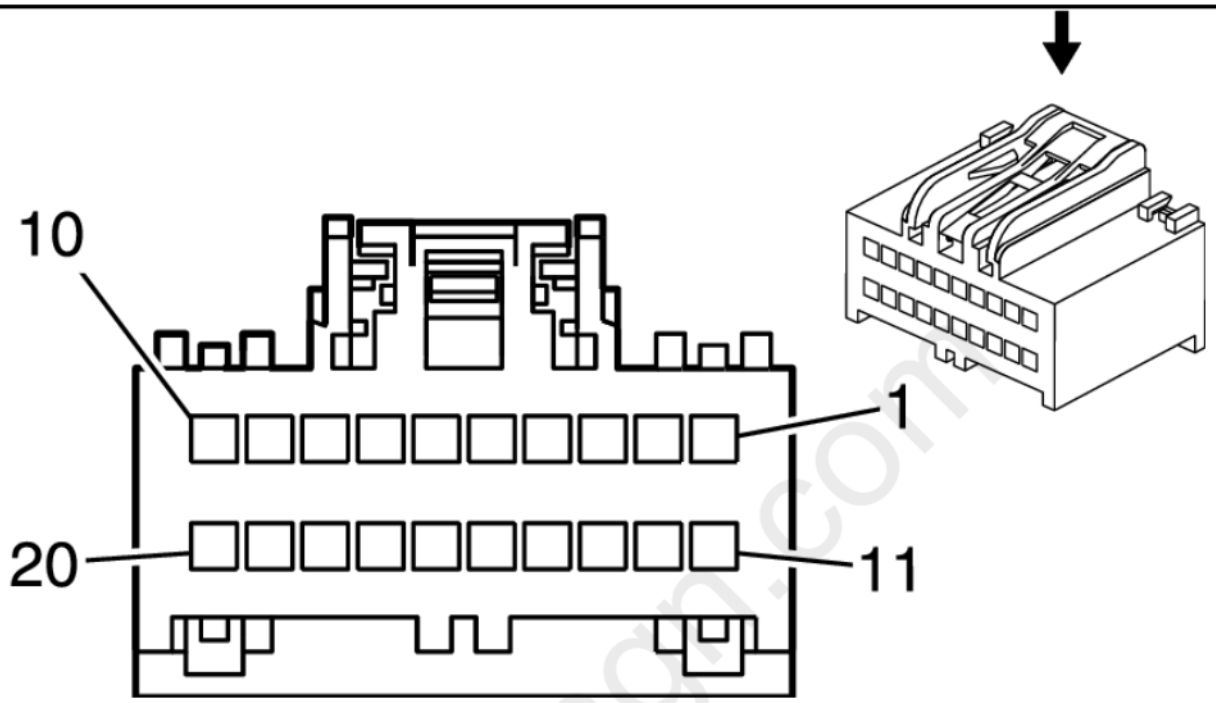
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
6	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
7	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
9 - 13	-	-	-	Not Occupied	-	-
14	0.35	WH/VT	3999	MOST Control	I	-
15	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
16	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-

T3 AUDIO AMPLIFIER X4 (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491304
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

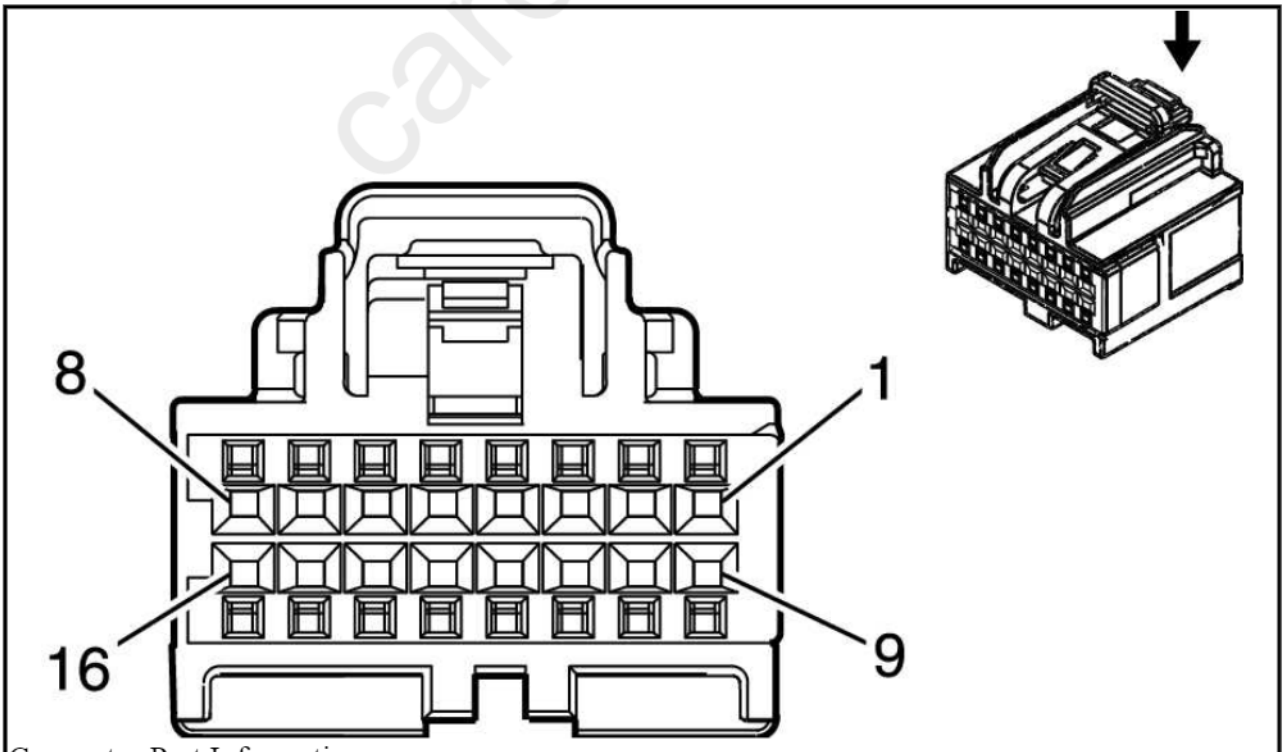
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-
3	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-
4	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BARE	9762	-	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	WH/YE	3763	Subwoofer Low Level Audio Signal	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GY/BU	6766	Subwoofer Low Level Audio (-) Low Reference	I	-
10	0.35	BU/VT	6763	Subwoofer Low Level Audio Signal	I	-
11	-	-	-	Not Occupied	-	-
12	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-
13	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
14	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	BARE	9765	-	I	-
17	0.35	GY/BU	3762	Subwoofer Low Level Audio Signal (-) Low Reference	I	-
18	-	-	-	Not Occupied	-	-
19	0.35	YE/WH	6765	Subwoofer Low Level Audio Signal	I	-
20	0.35	WH/BK	6762	Subwoofer Low Level Audio (-) Low Reference	I	-

T3 AUDIO AMPLIFIER X4 (UQS)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13819411
- Service Connector: 13582574

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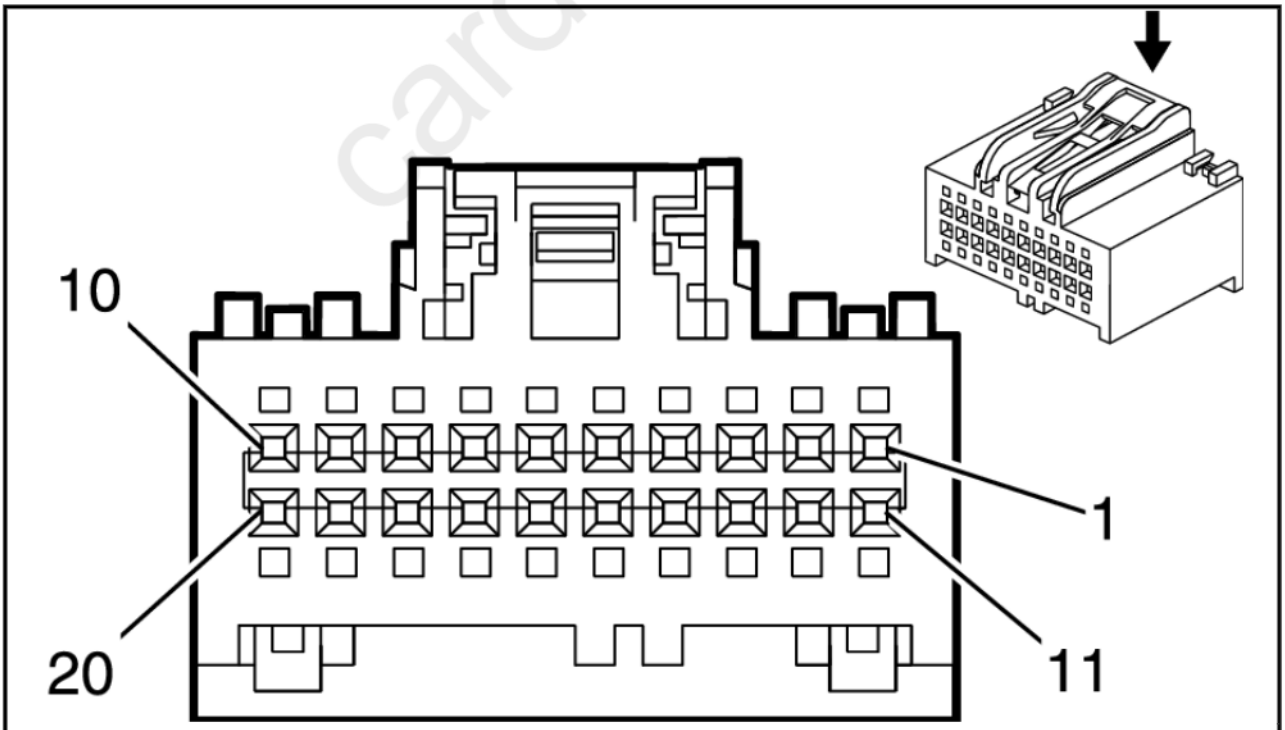
- Description: 16-Way F 0.64 OCS Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
6	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
7	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
8	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
9 - 13	-	-	-	Not Occupied	-	-
14	0.35	WH/VT	3999	MOST Control	I	-
15	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
16	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-

T3 AUDIO AMPLIFIER X5 (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15489824
- Service Connector: 15126711
- Description: 20-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	GN/YE	9166	-	I	-
8	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
10	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
11	0.35	BARE	9766	-	I	-
12 - 13	-	-	-	Not Occupied	-	-
14	0.35	WH/VT	3999	MOST Control	I	-
15	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
16	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
17	0.35	GN/YE	9066	-	I	-
18	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
19	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
20	-	-	-	Not Occupied	-	-

T4H DIGITAL RADIO ANTENNA (U2M)

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Connector Part Information

- Harness Type: Body
- OEM Connector: PE297408
- Service Connector: Pending
- Description: 1-Way

Terminal Part Information

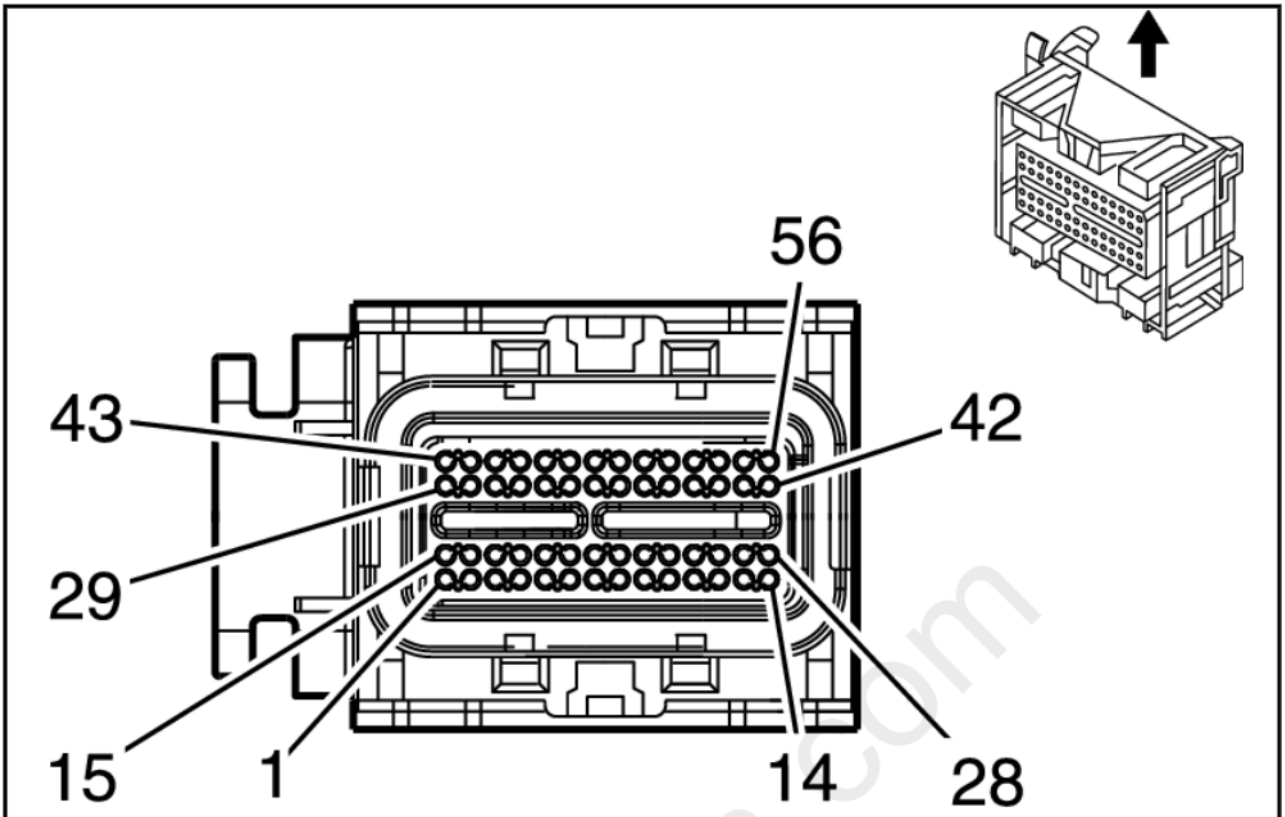
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
CU	-	-	COAX	Coax Cable	I	-

T6 POWER INVERTER MODULE X1 (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13510837
- Service Connector: 88988373
- Description: 56-Way F 0.64 Series, Sealed (BU with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
2	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
3	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
4	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-

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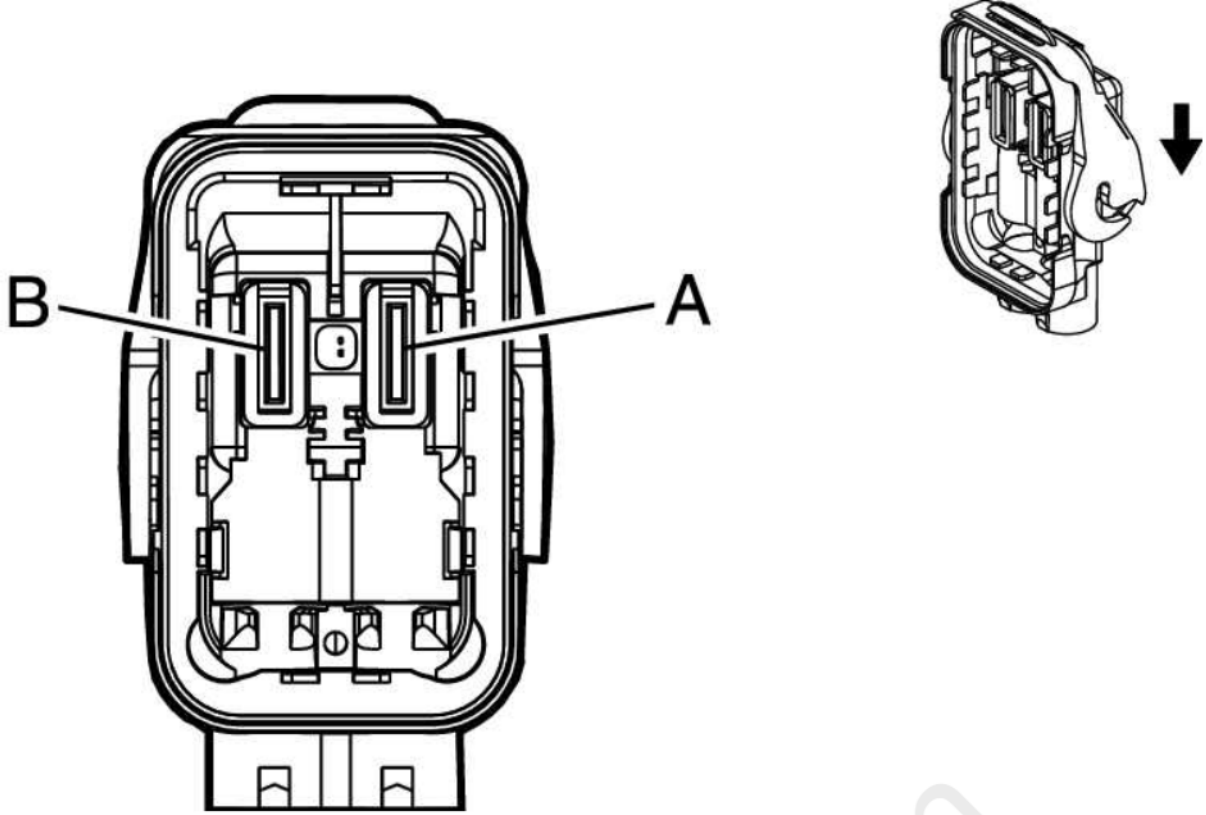
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
6	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.75	BU	7645	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	I	-
8	0.75	YE	7649	Traction Power Inverter Module Resolver 1 S1 Signal	I	-
9	0.75	VT/GN	7647	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	I	-
10	0.5	GY/GN	3929	Position Speed Direction Sensor 2 Signal A	I	-
11	0.5	GY/WH	3928	Position Speed Direction Sensor 2 Signal B	I	-
12	0.5	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
13	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
14	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
15	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
16	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
17	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
18	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
19	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
20	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
21	0.75	WH/GN	7648	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	I	-
22	0.75	BN	7652	Traction Power Inverter Module Resolver 1 S3 Signal	I	-
23	0.75	GY	7646	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	I	-
24	0.5	VT/WH	4584	Traction Motor Position Speed Direction 2 Signal A OUT (-)	I	-
25	0.5	YE/BK	4583	Traction Motor Position Speed Direction 2 Signal B OUT (-)	I	-
26 - 37	-	-	-	Not Occupied	-	-
38	0.5	YE/BK	3494	Transmission IMS Mode Switch R1 bit Signal	I	-
39	0.5	GY	3495	Transmission IMS Mode Switch R2 bit Signal	I	-
40	0.5	BN	3496	Transmission IMS Mode Switch D1 bit Signal	I	-
41	0.5	RD/WH	2740	Battery Positive Voltage	I	-
42 - 51	-	-	-	Not Occupied	-	-
52	0.5	BK/GY	3927	IMS Mode Switch Low Reference	I	-
53	0.5	GN/BN	3497	Transmission IMS Mode Switch D2 bit Signal	I	-
54	0.5	VT	3493	Transmission IMS Mode Switch S bit Signal	I	-
55	-	-	-	Not Occupied	-	-
56	0.5	RD/YE	3740	Battery Positive Voltage	I	-

T6 POWER INVERTER MODULE X2 (HP9)





Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: 15515644
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000 Series, Sealed

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	-	I	-
2	-	-	-	-	I	-
A - B	-	-	-	Not Occupied	-	-

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COMPONENT CONNECTOR END VIEWS

T6 POWER INVERTER MODULE X3 (HP9)

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Connector Part Information

- Harness Type: High Voltage Drive Motor
- OEM Connector: 13581962
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	3772	MGU Phase U Control	I	-
2	-	OG	3771	MGU Phase V Control	I	-
3	-	OG	3770	MGU Phase W Control	I	-

T6 POWER INVERTER MODULE X4 (HP9)

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Connector Part Information

- Harness Type: High Voltage Drive Motor
- OEM Connector: 13581961
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	3772	MGU Phase U Control	I	-
2	-	OG	3771	MGU Phase V Control	I	-
3	-	OG	3770	MGU Phase W Control	I	-

T6 POWER INVERTER MODULE X5 (HP9)

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Connector Part Information

- Harness Type: Transmission Fluid Pump
- OEM Connector: 13590269
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD	3772	MGU Phase U Control	I	-
2	-	BK	3771	MGU Phase V Control	I	-
3	-	WH	3770	MGU Phase W Control	I	-

T6 POWER INVERTER MODULE X6 (HP9)

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Connector Part Information

- Harness Type: Power Inverter Module Ground Strap
- OEM Connector: 12161171
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

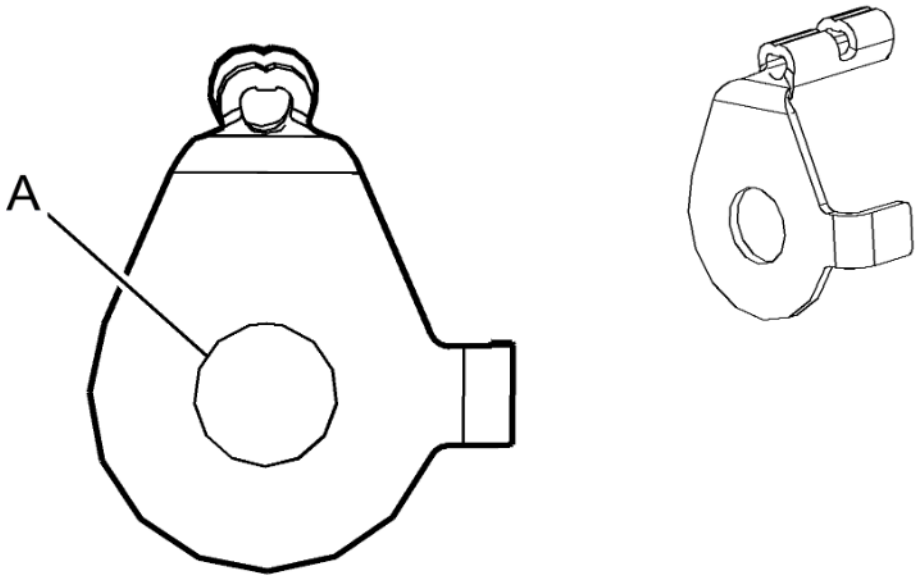
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	BK	750	Ground	I	-

T6 POWER INVERTER MODULE X7 (HP9)

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Connector Part Information

- Harness Type: Power Inverter Module Shield Ground
- OEM Connector: PE308562
- Service Connector: Pending
- Description: 1-Way Ring Terminal

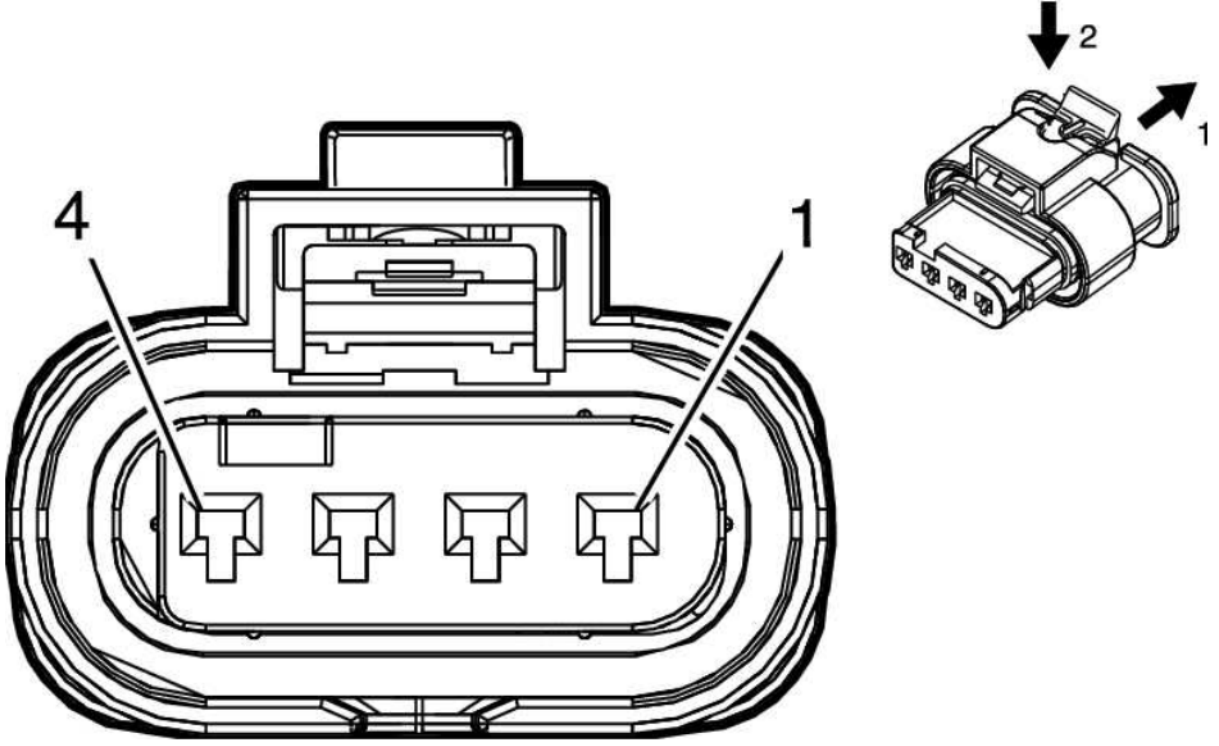
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	- -	BARE BK/WH	651 651	Signal Ground Signal Ground	I I	- -

T8A IGNITION COIL 1 (LGW/LGX)

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Connector Part Information

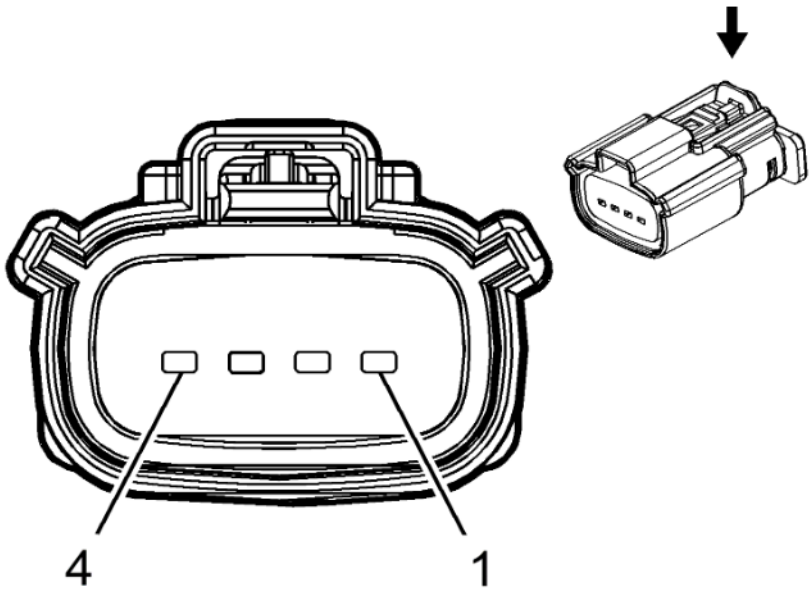
- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	350	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/VT	2121	Ignition Control 1	I	-
4	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8A IGNITION COIL 1 (LTG+HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

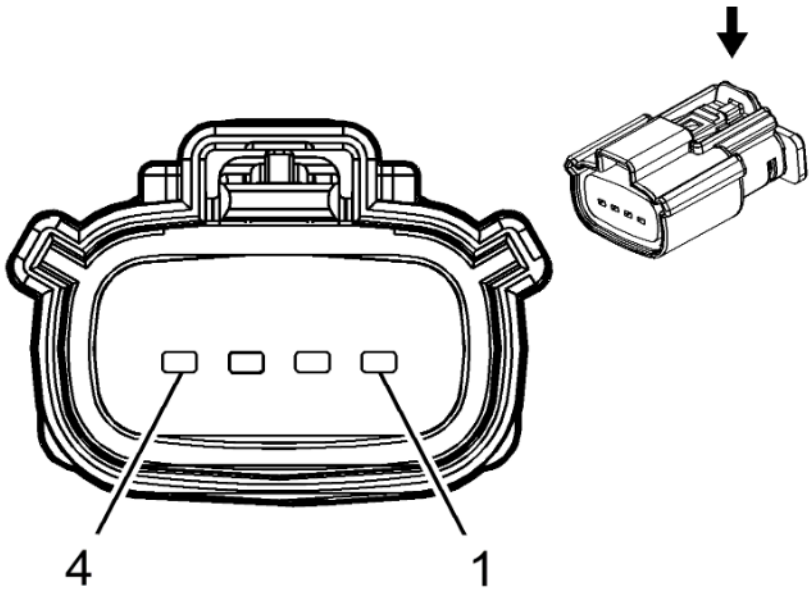
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/VT	2121	Ignition Control 1	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8A IGNITION COIL 1 (LTG+KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

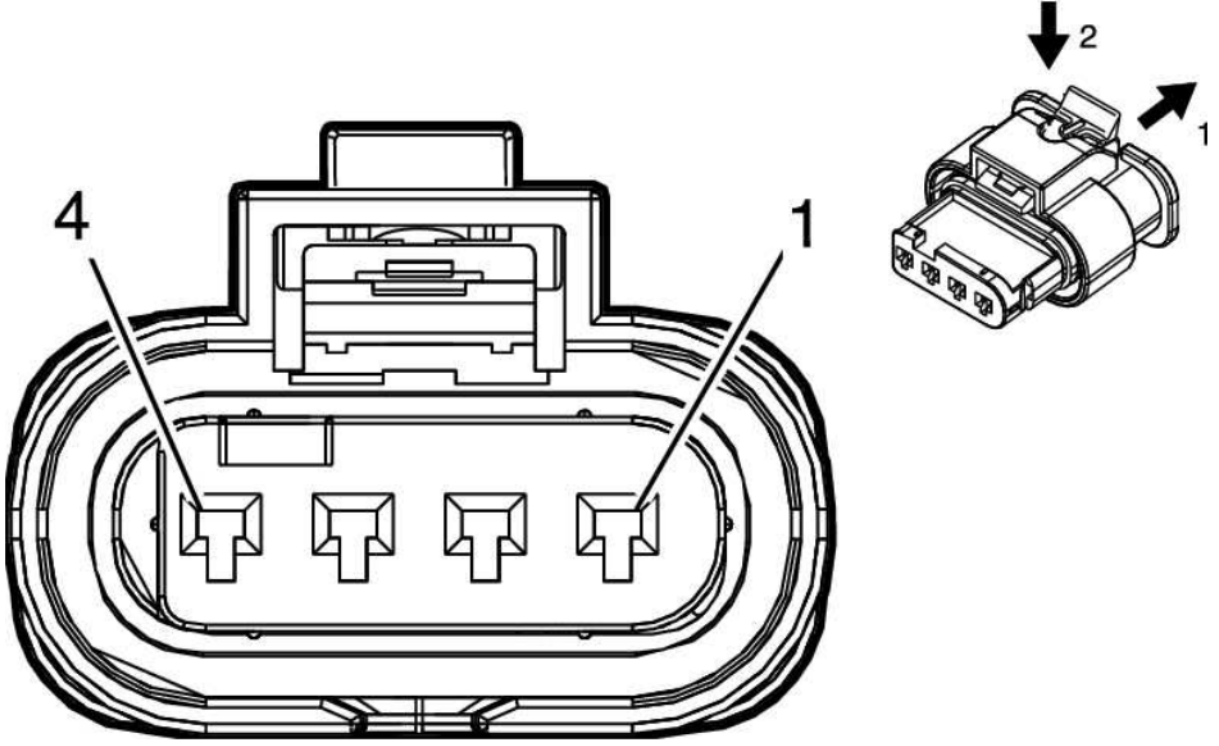
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	D-BU/VT	2121	Ignition Control 1	I	-
4	0.75	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8B IGNITION COIL 2 (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

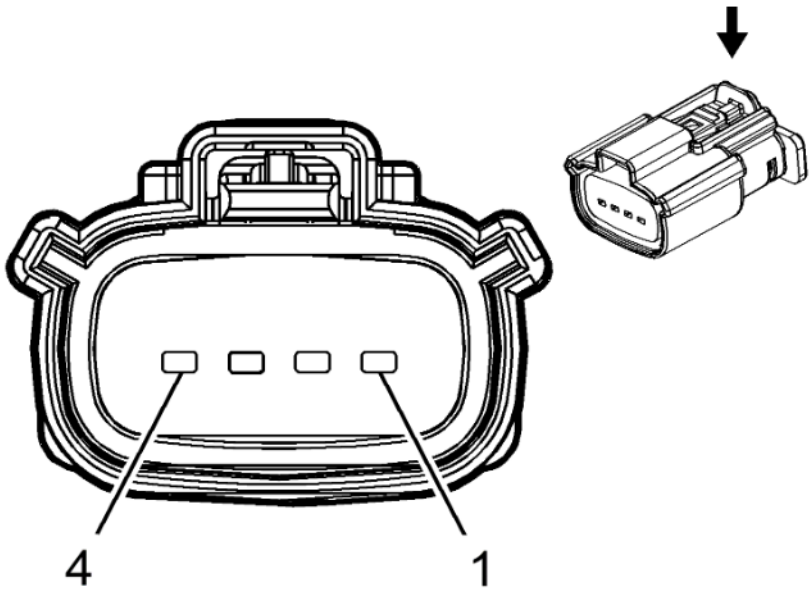
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	450	Ground	I	-
2	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
3	0.5	BU/WH	2122	Ignition Control 2	I	-
4	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T8B IGNITION COIL 2 (LTG+HP9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

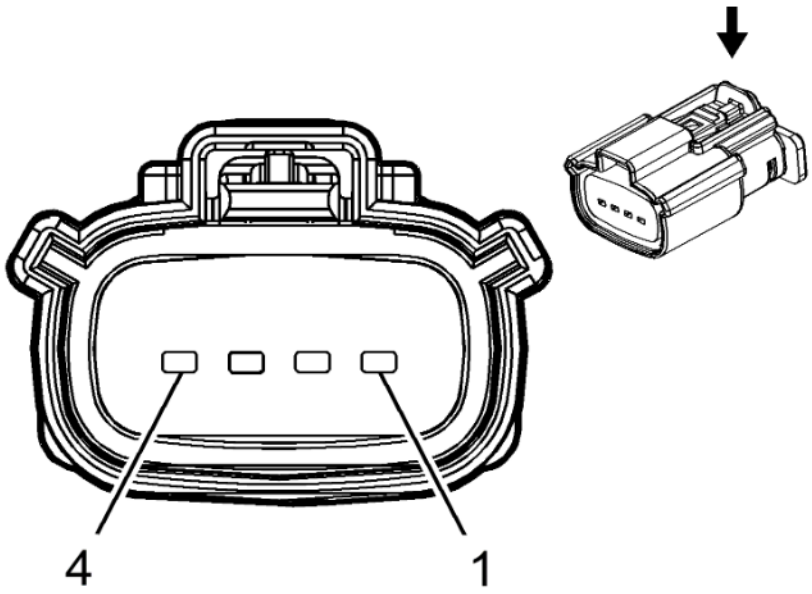
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/WH	2122	Ignition Control 2	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8B IGNITION COIL 2 (LTG+KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

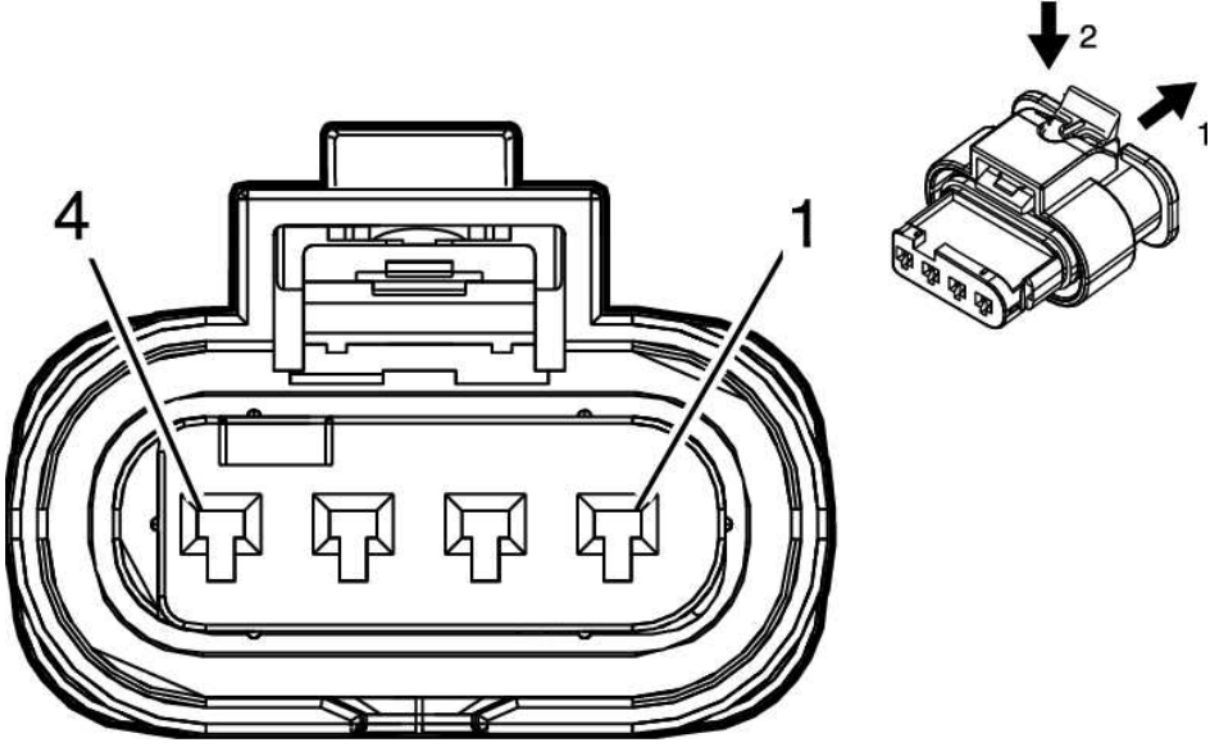
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	D-BU/WH	2122	Ignition Control 2	I	-
4	0.75	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8C IGNITION COIL 3 (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

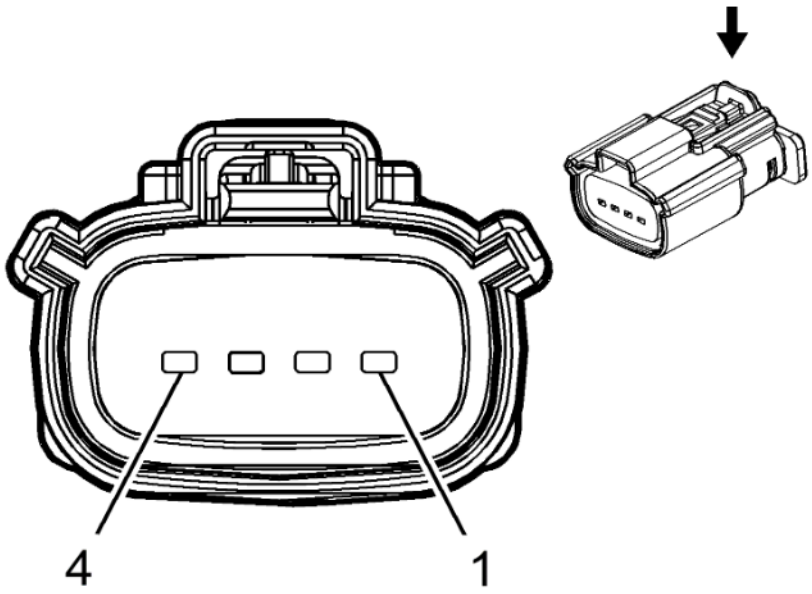
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	350	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	GN/BU	2123	Ignition Control 3	I	-
4	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8C IGNITION COIL 3 (LTG+HP9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

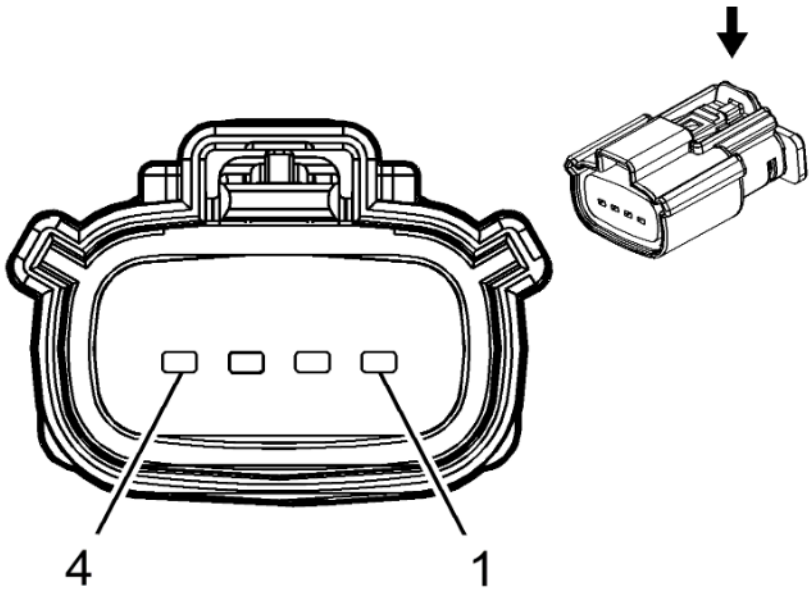
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	GN/BU	2123	Ignition Control 3	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8C IGNITION COIL 3 (LTG+KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

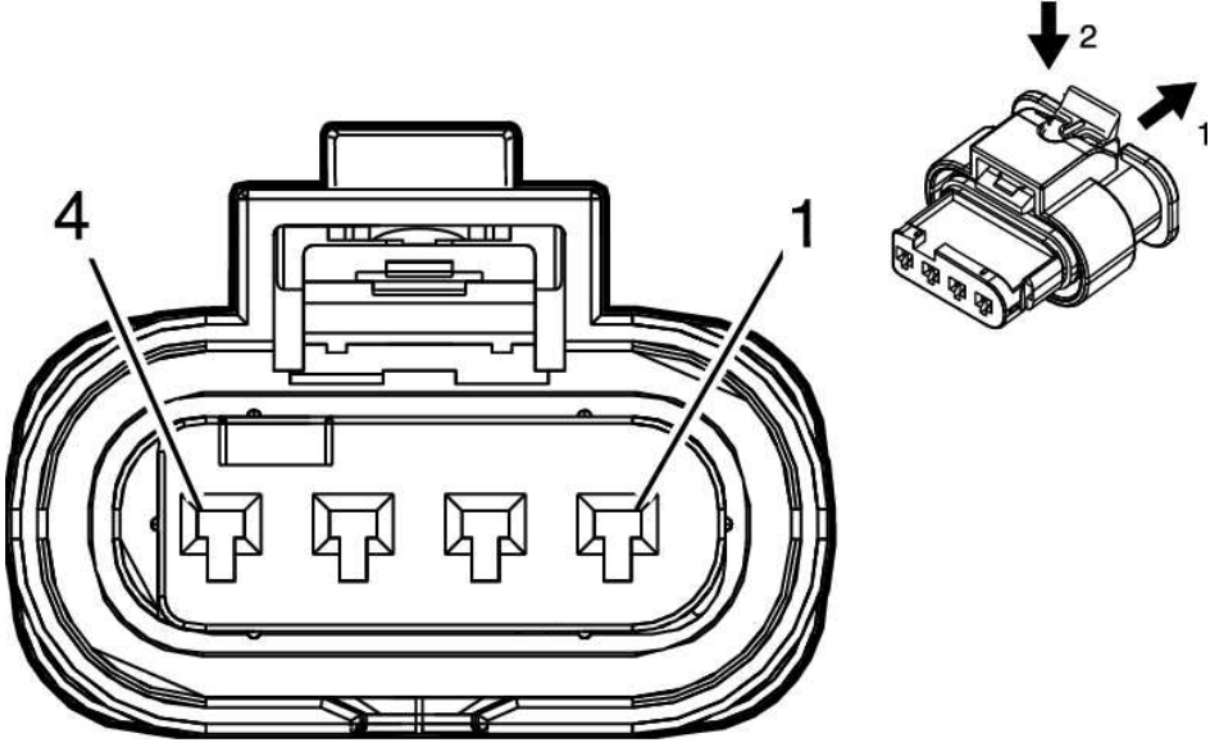
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	L-GN/D-BU	2123	Ignition Control 3	I	-
4	0.75	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8D IGNITION COIL 4 (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

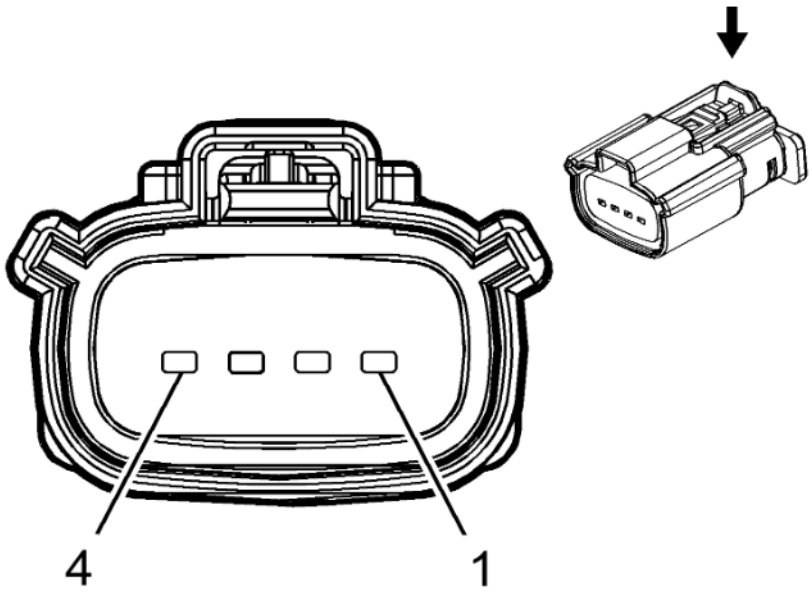
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	450	Ground	I	-
2	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
3	0.5	YE/BU	2124	Ignition Control 4	I	-
4	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T8D IGNITION COIL 4 (LTG+HP9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

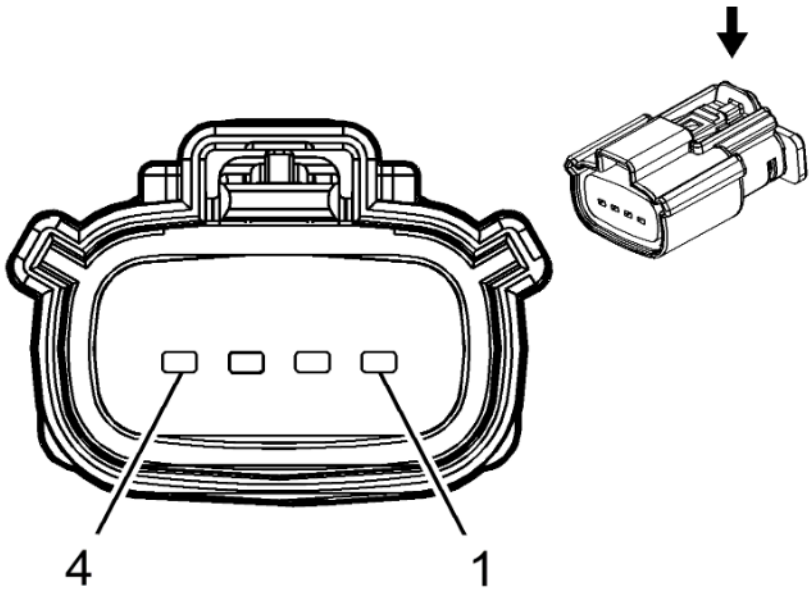
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	YE/BU	2124	Ignition Control 4	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8D IGNITION COIL 4 (LTG+KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

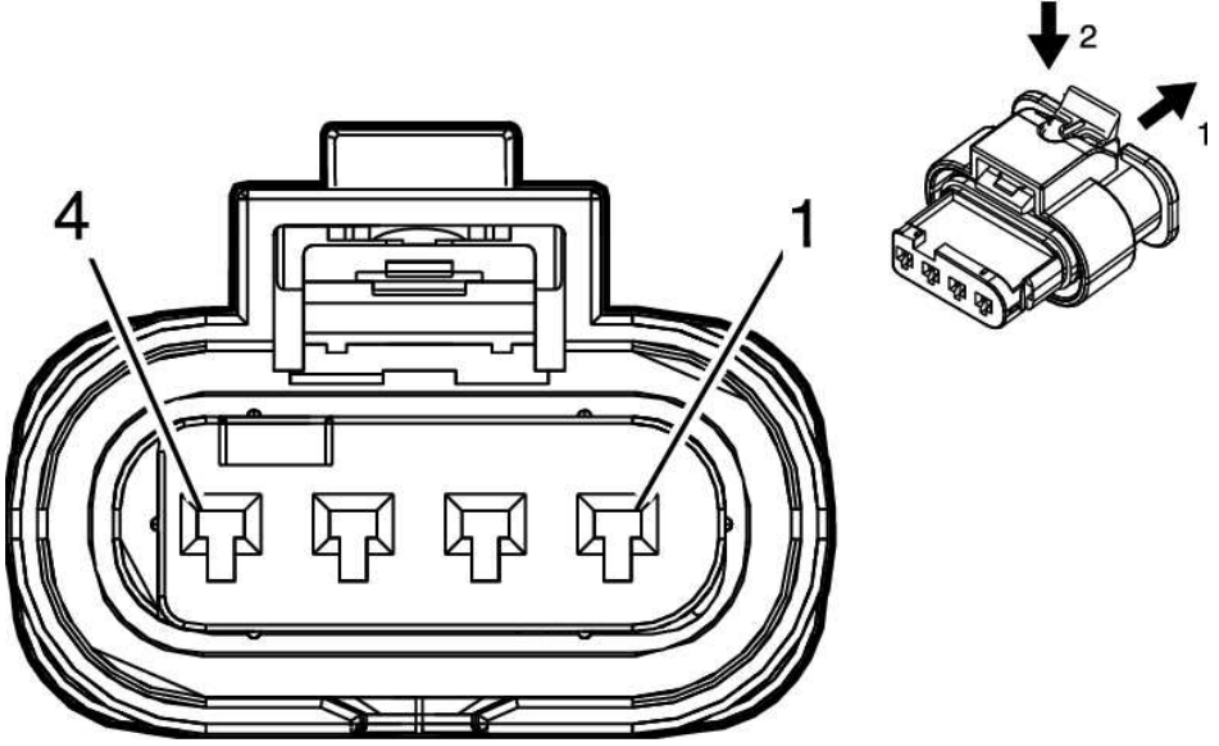
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	YE/D-BU	2124	Ignition Control 4	I	-
4	0.75	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8E IGNITION COIL 5 (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

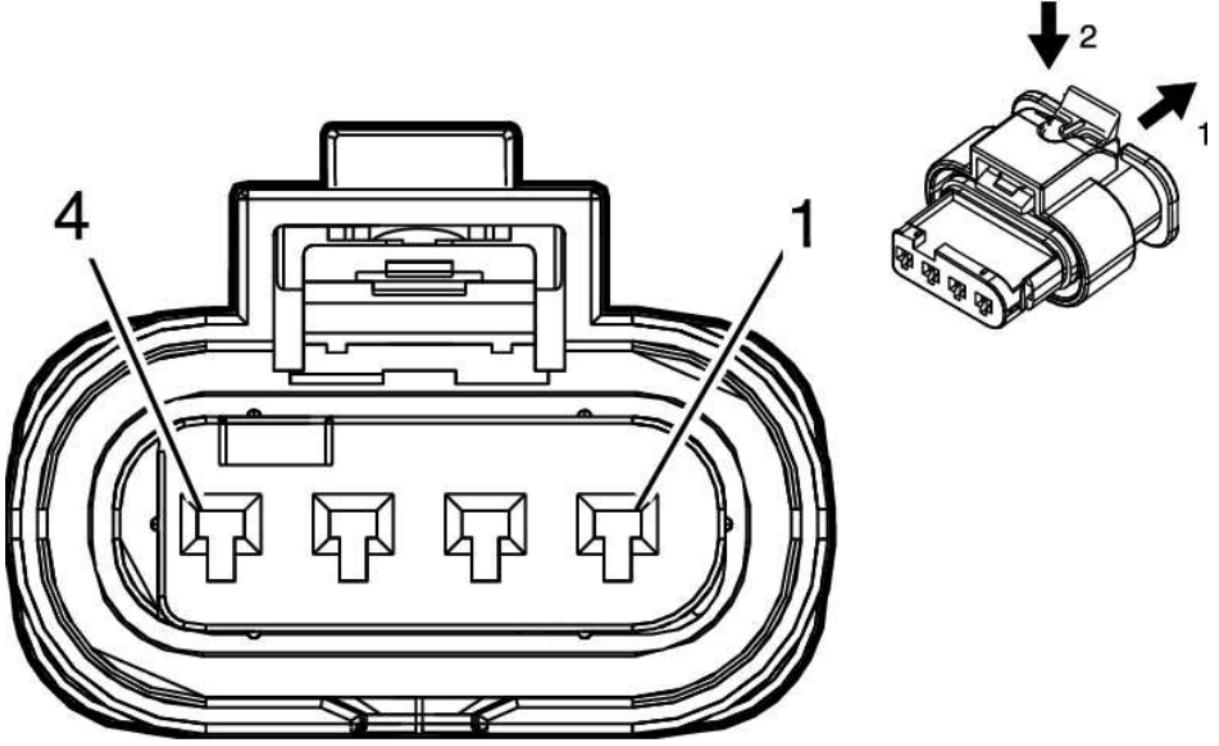
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	350	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/GY	2125	Ignition Control 5	I	-
4	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8F IGNITION COIL 6 (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33183676
- Service Connector: 19352069
- Description: 4-Way F 1.2 MCON Series (BK)

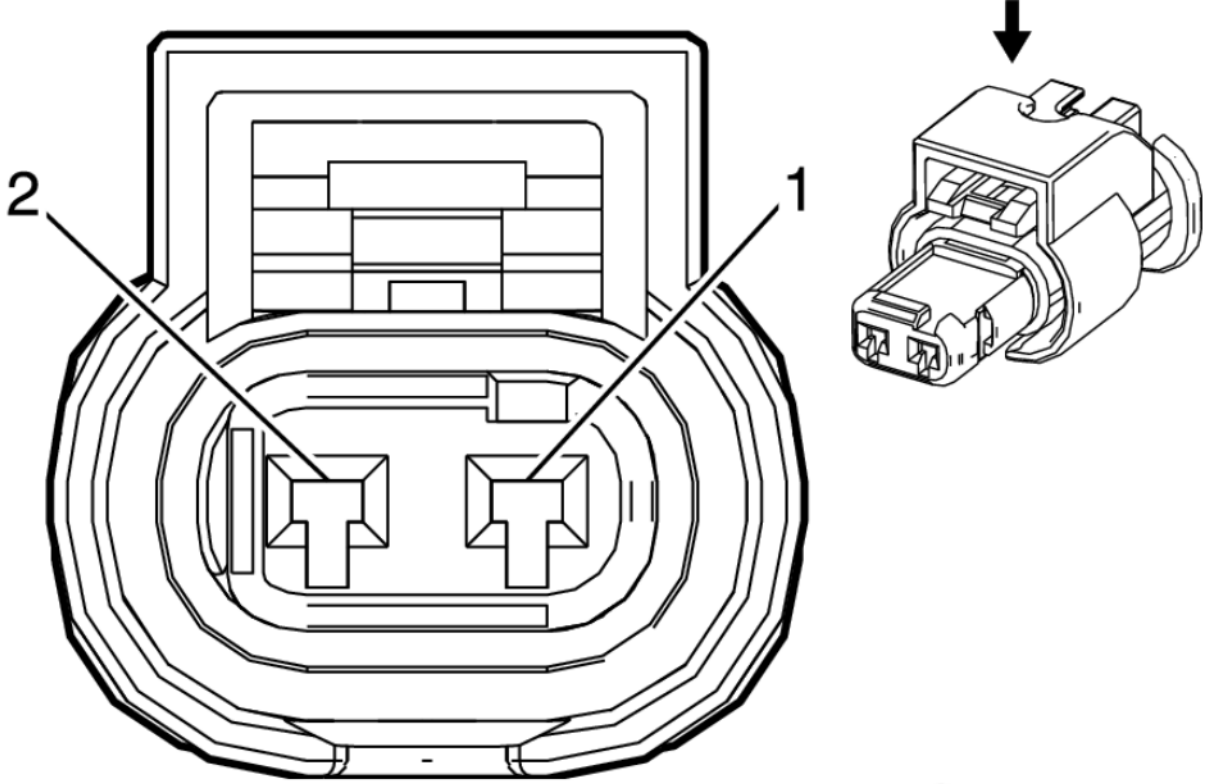
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	450	Ground	I	-
2	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
3	0.5	BN/BU	2126	Ignition Control 6	I	-
4	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T10B KEYLESS ENTRY ANTENNA - INSTRUMENT PANEL COMPARTMENT

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

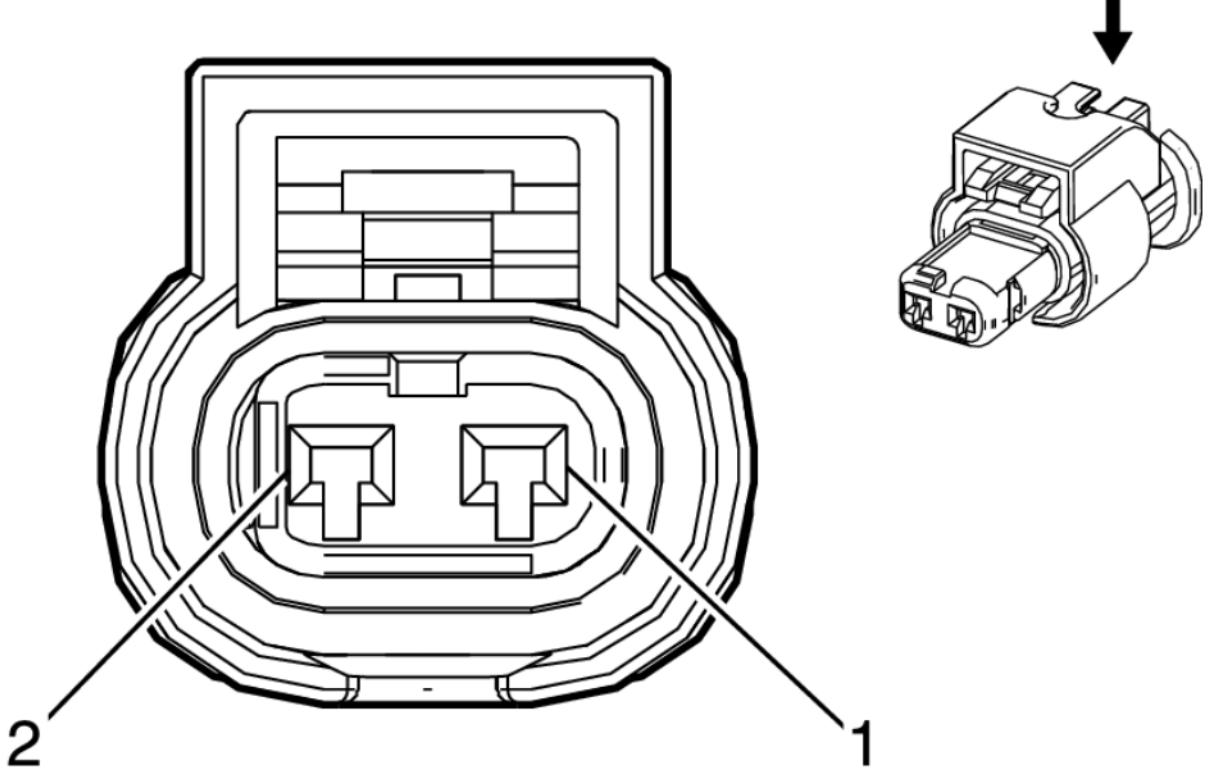
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
2	-	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-

T10E KEYLESS ENTRY ANTENNA - REAR COMPARTMENT

cardiagn.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 13761653
- Service Connector: 19332213
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

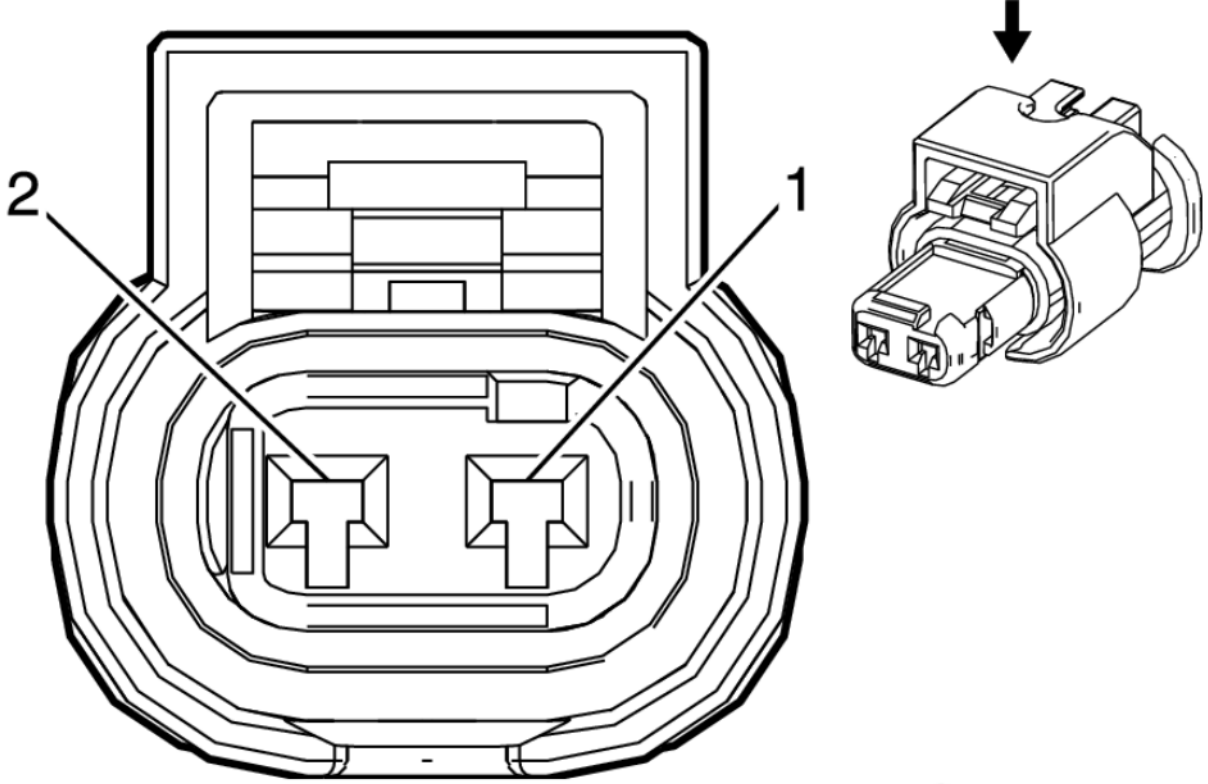
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
2	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-

T10G KEYLESS ENTRY ANTENNA - REAR FASCIA

cardiagn.com



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

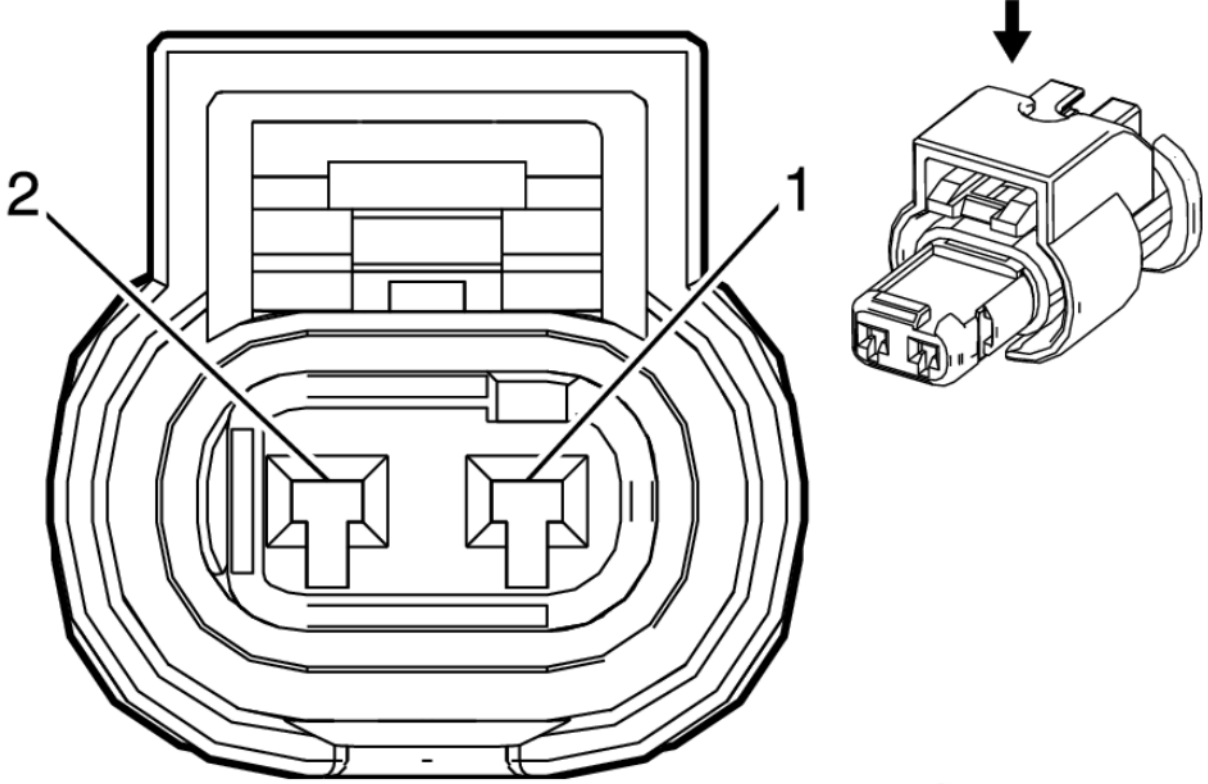
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
2	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-

T10J KEYLESS ENTRY ANTENNA - CENTER CONSOLE FRONT

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13927761
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

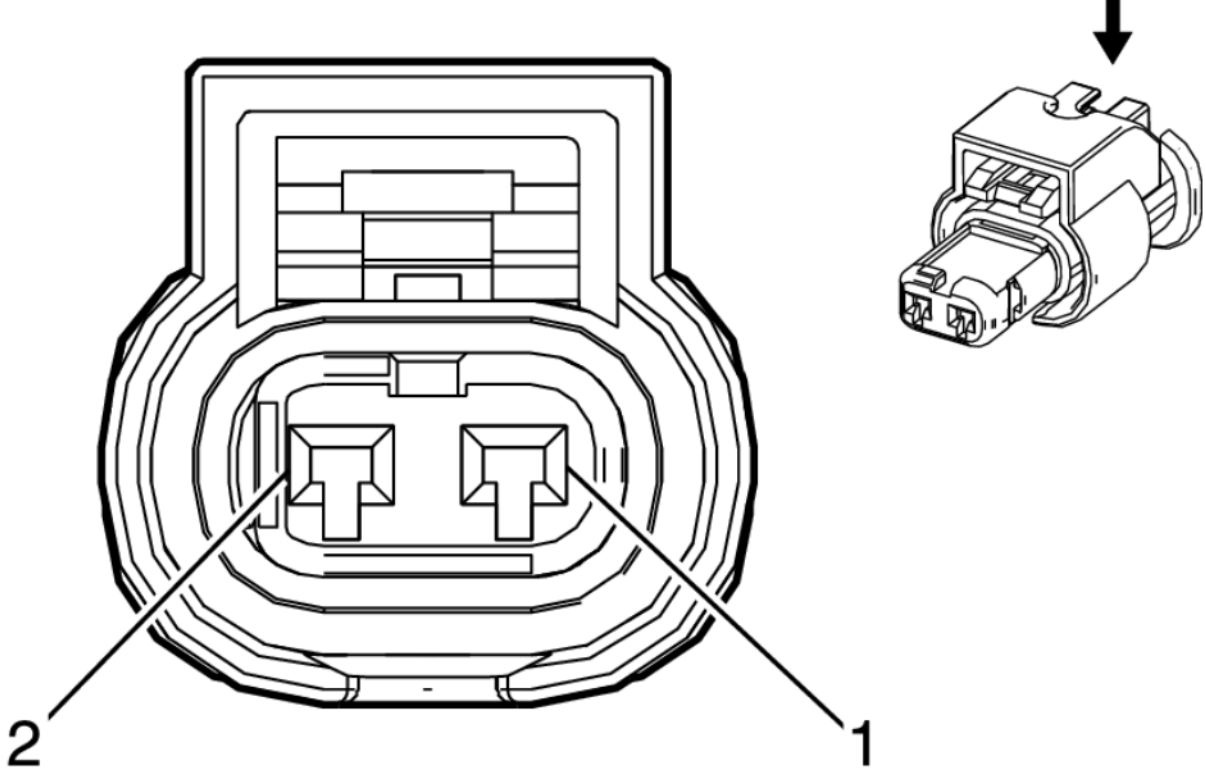
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
2	0.35	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-

T10L KEYLESS ENTRY ANTENNA - LEFT BODY

carlogn.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 13761653
- Service Connector: 19332213
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

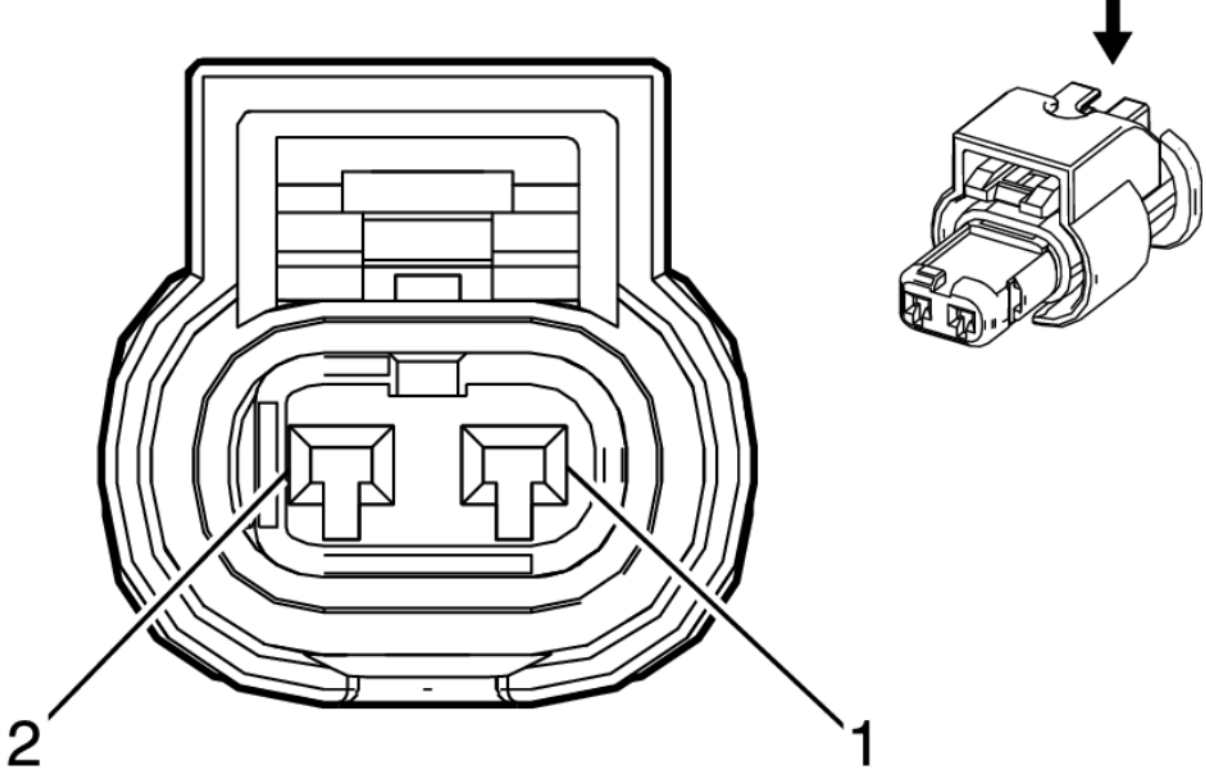
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
2	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-

T10R KEYLESS ENTRY ANTENNA - RIGHT BODY

carlagn.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 13761653
- Service Connector: 19332213
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-
2	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X1 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Drive Motor
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
U	-	OG	3772	MGU Phase U Control	I	-
V	-	OG	3771	MGU Phase V Control	I	-
W	-	OG	3770	MGU Phase W Control	I	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X2 (HP9)

-

Connector Part Information

- Harness Type: High Voltage Drive Motor
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

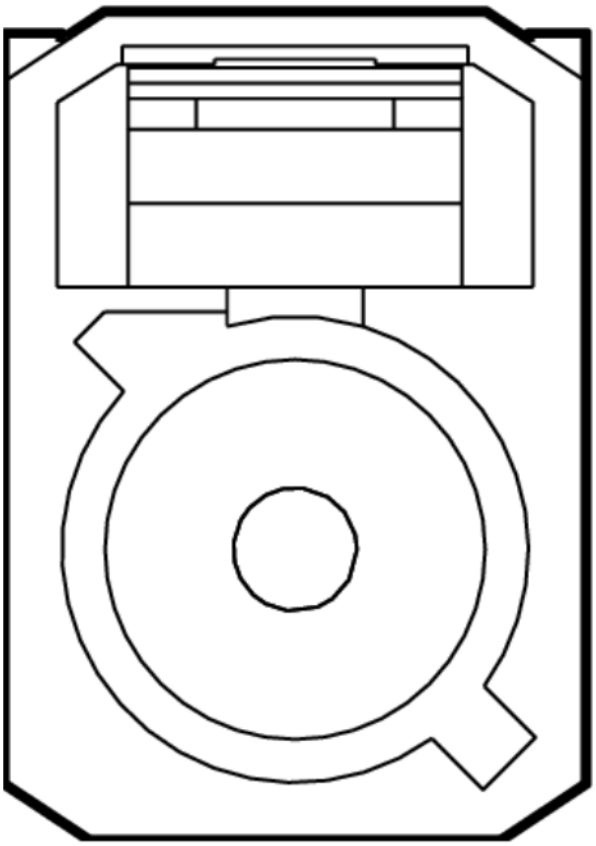
Terminal Part Information

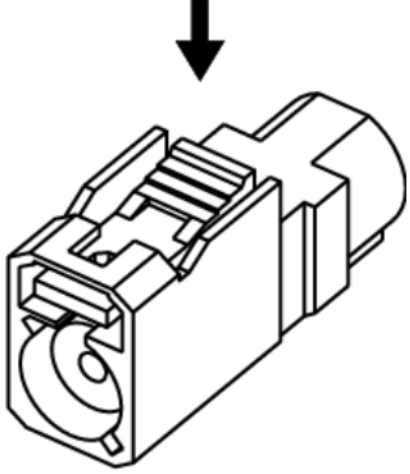
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
U	-	OG	3772	MGU Phase U Control	I	-
V	-	OG	3771	MGU Phase V Control	I	-
W	-	OG	3770	MGU Phase W Control	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X1 (UE1+IO6)

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Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13585502
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (GY)

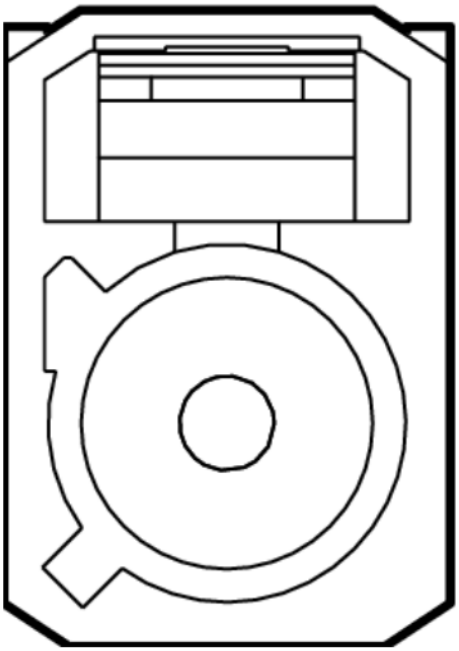
Terminal Part Information

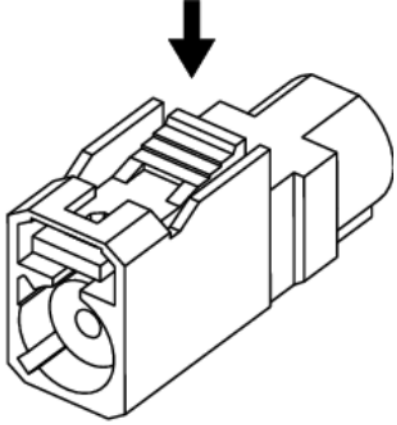
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
COAX	-	-	-	Not Occupied	-	-
GY	-	-	COAX	Coax Cable	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X2 (UE1+IO6)

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Connector Part Information

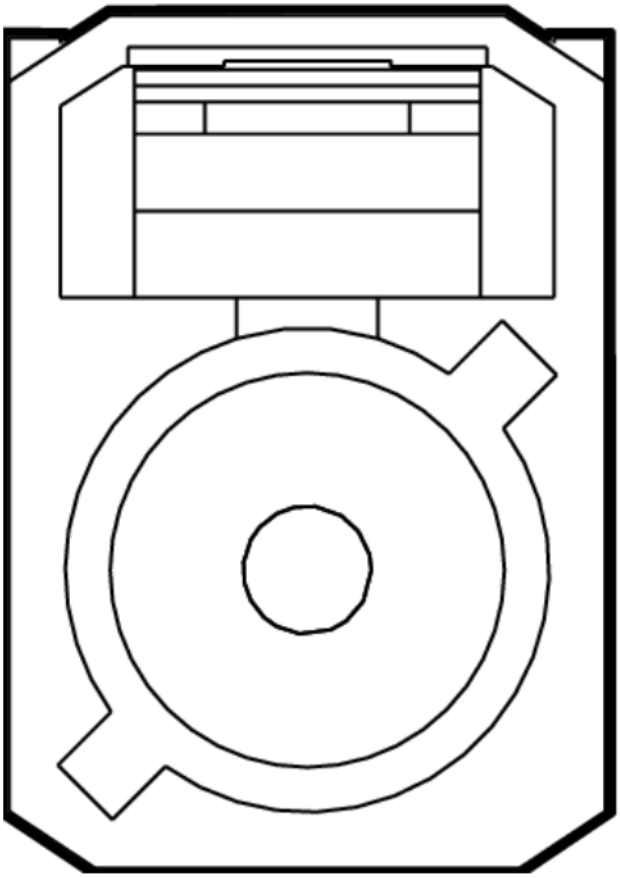
- Harness Type: Instrument Panel COAX
- OEM Connector: 13585501
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (PK)

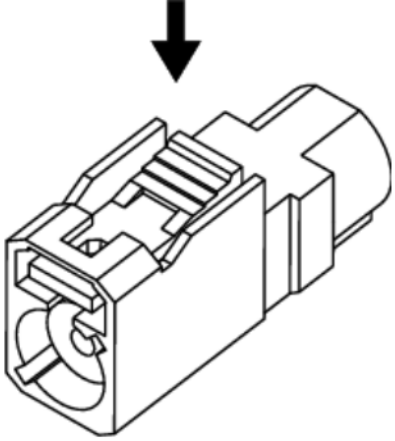
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
COAX	-	-	-	Not Occupied	-	-
VT	-	-	COAX	Coax Cable	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X3 (UE1+IO6)





Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13585520
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

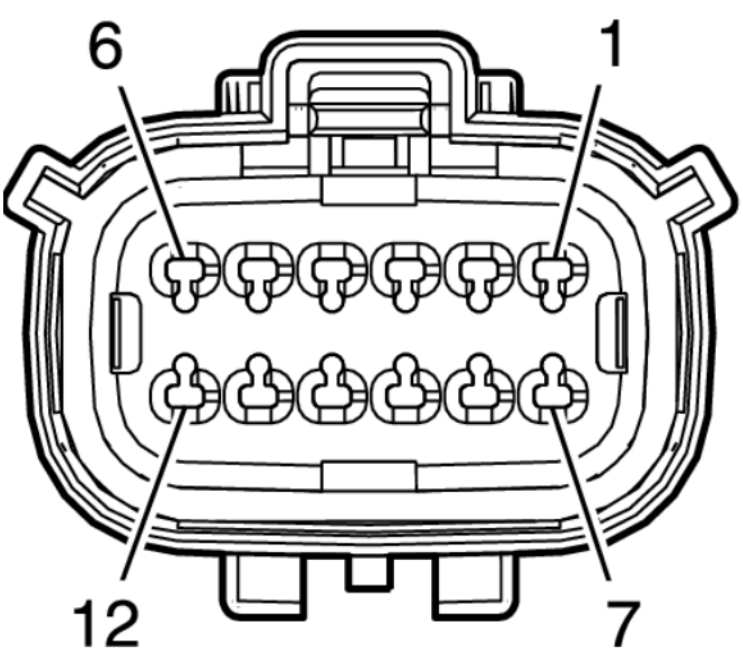
Terminal Part Information

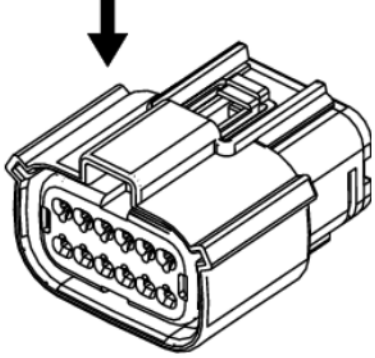
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
BU	-	-	COAX	Coax Cable	I	-
COAX	-	-	-	Not Occupied	-	-

T18 BATTERY CHARGER X1 (HP9)

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Connector Part Information

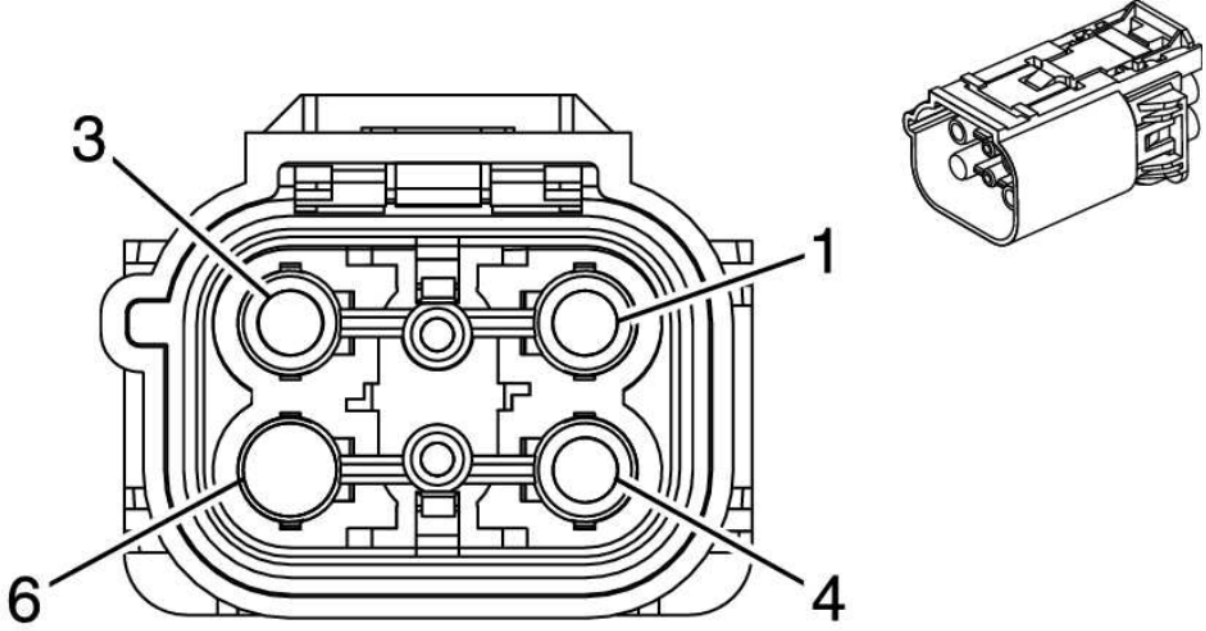
- Harness Type: Body
- OEM Connector: 33167528
- Service Connector: 19352908
- Description: 12-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	BK	2650	Ground	I	-
3	0.5	VT/WH	3643	High Voltage Onboard Charging DC Voltage Sense Signal	II	-
4	0.5	YE/GY	3645	High Voltage Onboard Charging Control	II	-
5 - 8	-	-	-	Not Occupied	-	-
9	0.5	RD/WH	640	Battery Positive Voltage	II	-
10	0.5	GN/GY	3644	High Voltage Onboard Charging AC Voltage Sense Signal	II	-
11	0.5	BU/YE	3646	High Voltage Onboard Charging Enable	II	-
12	-	-	-	Not Occupied	-	-

T18 BATTERY CHARGER X2 (HP9)



Connector Part Information

- Harness Type: Charger Jumper
- OEM Connector: 15525754
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 1.0, 2.4 HES Sealed (OG)

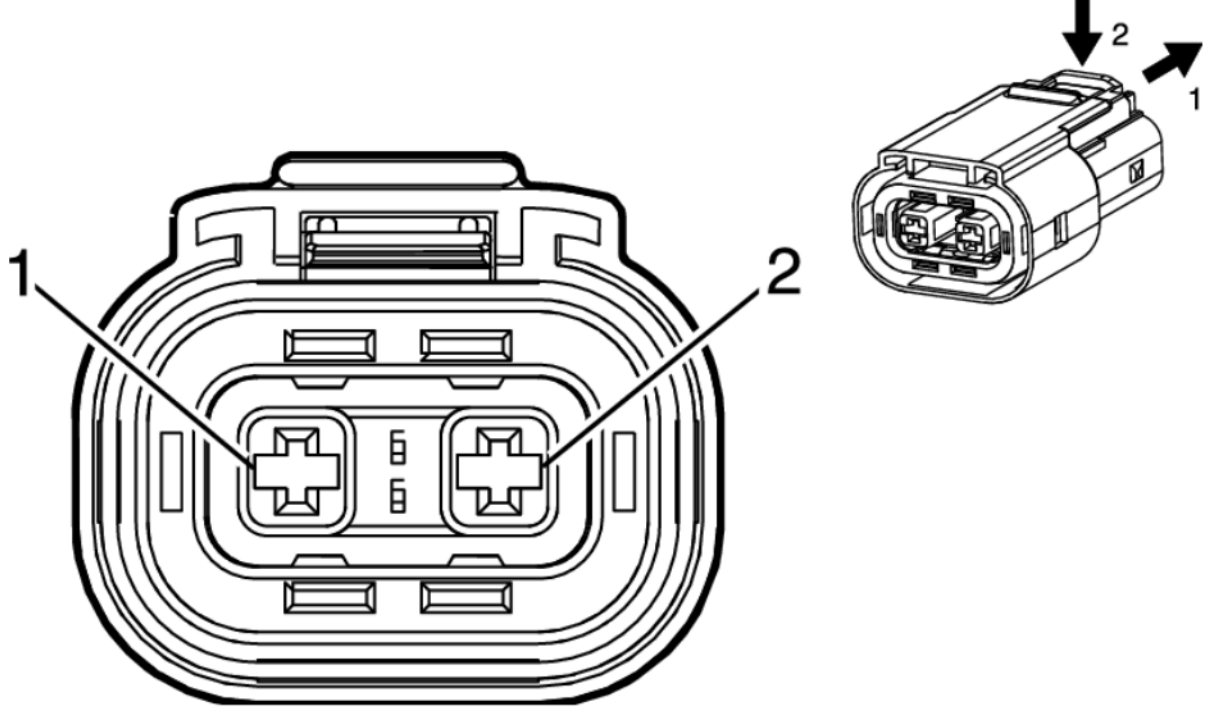
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-6 (BN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	3	BU	3837	Voltage AC Line 1	I	-
2	-	-	-	Not Occupied	-	-
3	3	GN	3952	Voltage AC Ground	I	-
4	3	WH	3838	Voltage AC Neutral Line 2	I	-
5 - 6	-	-	-	Not Occupied	-	-

T18 BATTERY CHARGER X3 (HP9)

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Connector Part Information

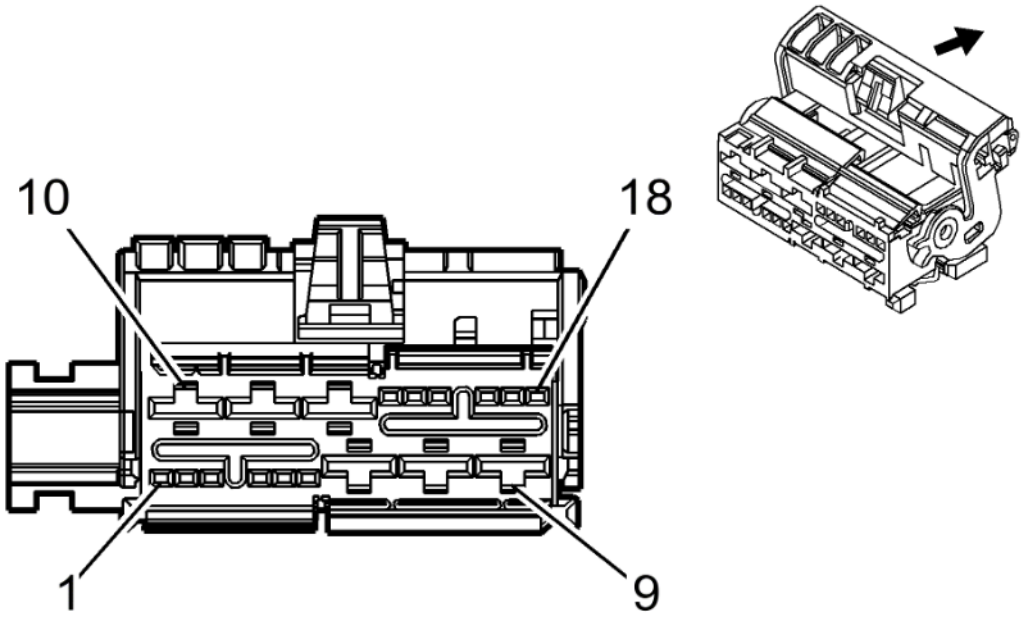
- Harness Type: High Voltage Battery Cable
- OEM Connector: 33184905
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F HVA280-2PHI Series, Sealed (OG)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	-	I	-
2	-	-	-	-	I	-

T19 POWER SUPPLY TRANSFORMER (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15534193
- Service Connector: 19330678
- Description: 18-Way F 0.64 MTS, 6.3 MCP Series (BK)

Terminal Part Information

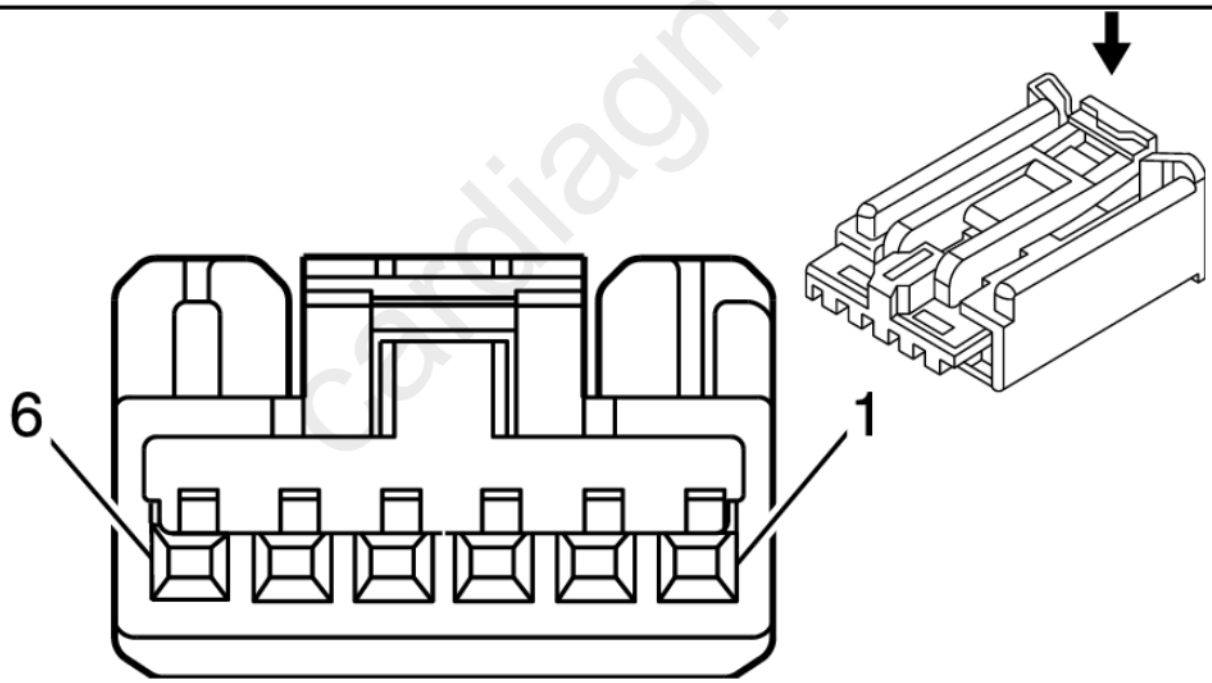
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13327122	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13327123	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	13579921	J-35616-40 (BU)	J-38125-556	1241406-1	Lear 17	F	1
IV	13579921	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	A	B
V	13579921	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	B	G

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	VT/YE	5985	Accessory Wakeup Serial Data	II	-
5	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	I	-
6	0.5	VT/GN	839	Run/Crank Ignition 1 Voltage	I	-
7	2.5	BK	3850	Ground	IV	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	4	RD/VT	6340	Battery Positive Voltage	III	-
9	4	RD/WH	342	Battery Positive Voltage	III	-
10	4	RD/GY	142	Battery Positive Voltage	V	-
11	4	RD/GY	642	Battery Positive Voltage	III	-
12	2.5	BK	3850	Ground	IV	-
13	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
14	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
15	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
16	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
17 - 18	-	-	-	Not Occupied	-	-

T22 MOBILE DEVICE WIRELESS CHARGER MODULE (K4C)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13595475
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (NA)

Terminal Part Information

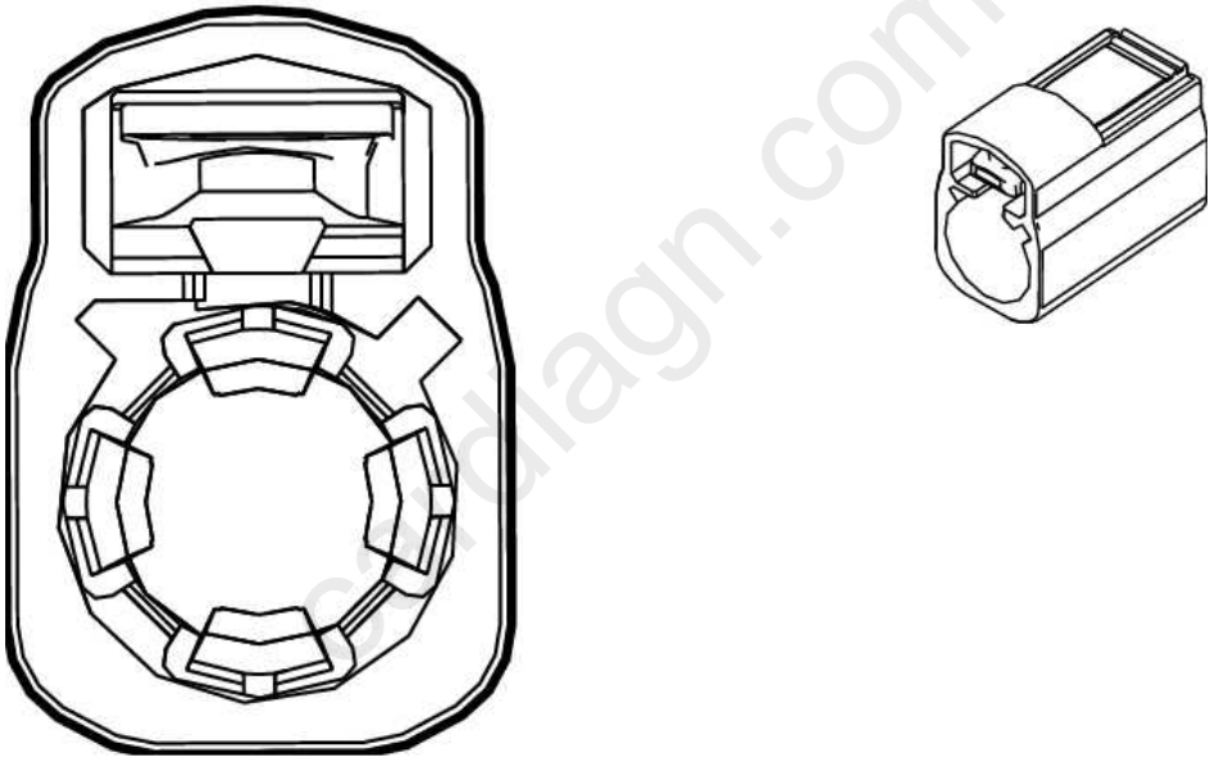
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	1701	Retained Accessory Power Ignition	I	-
2	0.35	BK	1450	Ground	I	-
3	0.35	GN	4512	Wireless Charging System Charge Indicator Control	I	-
4 - 6	-	-	-	Not Occupied	-	-

T23L RADIO ANTENNA AMPLIFIER - LEFT X1



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

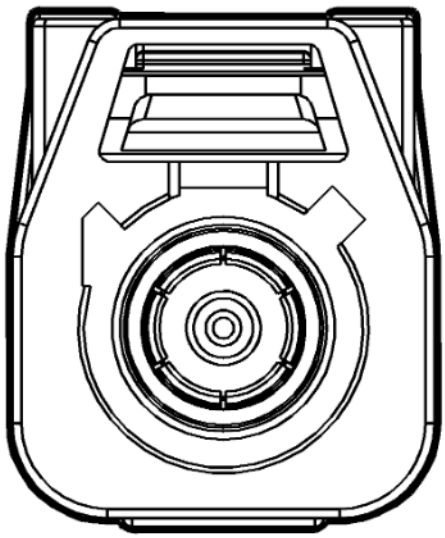
Terminal Part Information

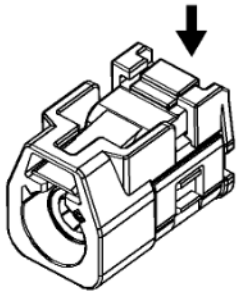
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

T23R RADIO ANTENNA AMPLIFIER - RIGHT X1





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

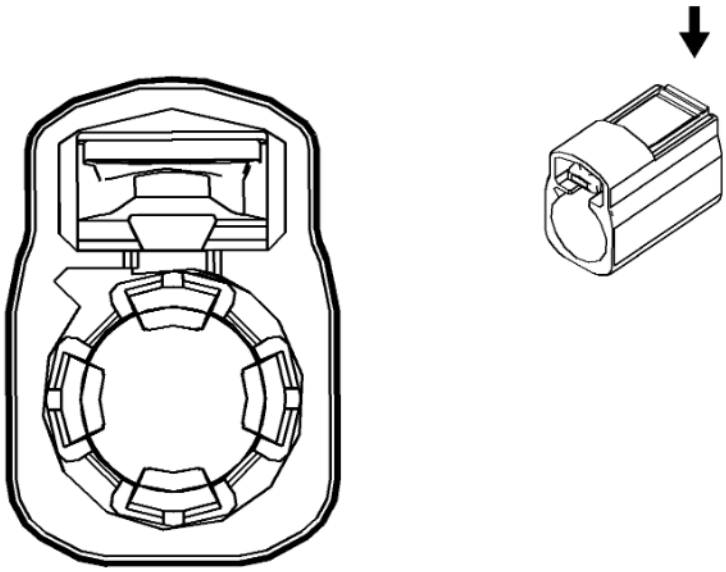
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(FM2) Antenna RF Signal (2)	I	-

T23R RADIO ANTENNA AMPLIFIER - RIGHT X2 (U2Q)

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Connector Part Information

- Harness Type: Body COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Coax Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(DAB/DMB) Coaxial Antenna DAB Signal	I	-

T23 RADIO ANTENNA AMPLIFIER X1 (CW1)

-

Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13581688
- Service Connector: Pending
- Description: 1-Way

Terminal Part Information

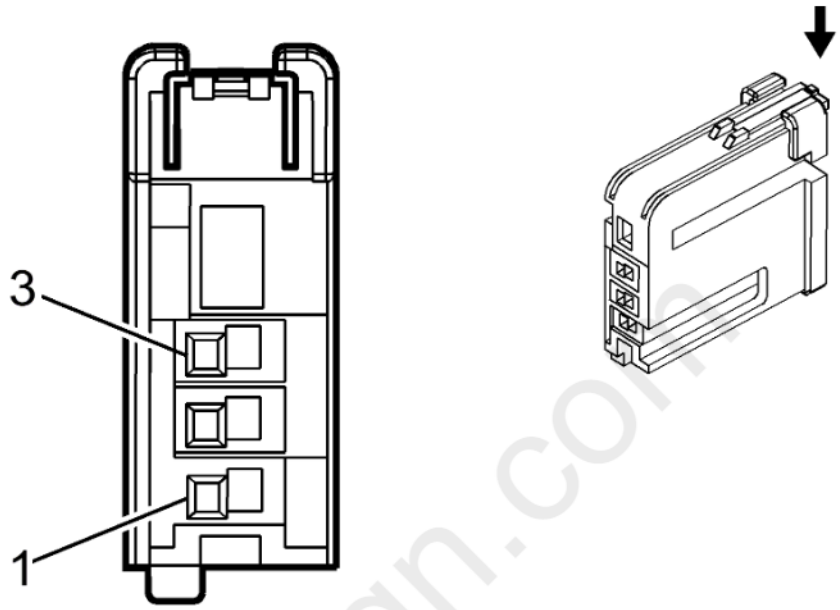
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
GN	-	-	COAX	Coax Cable	I	-

V1 AIR IONIZER (KEM)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 19153430
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series (BK)

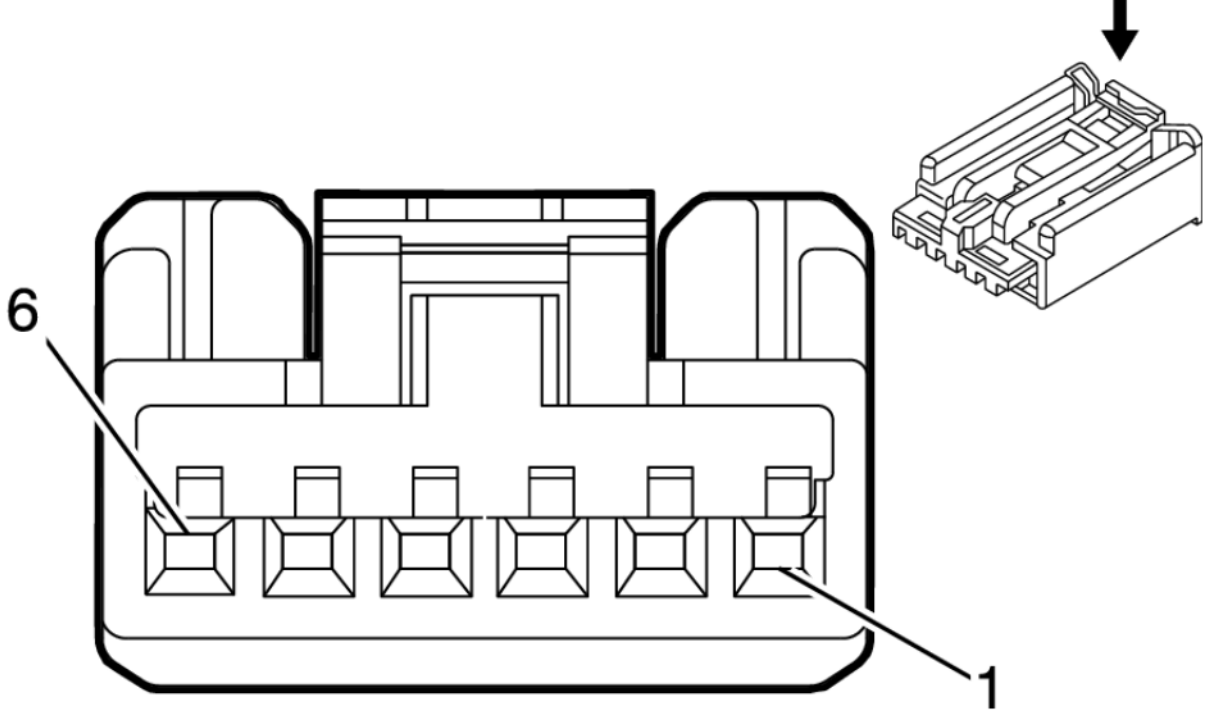
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/VT	7572	HVAC Motor Control	I	-
2	0.5	BK	1450	Ground	I	-
3	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-

X20 MEMORY CARD RECEPTACLE X1 (XVR)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

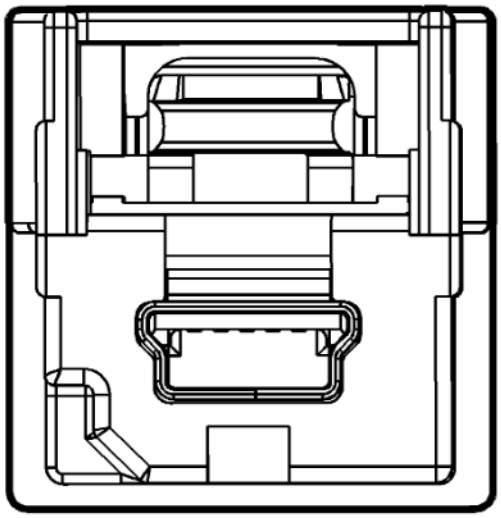
Terminal Part Information

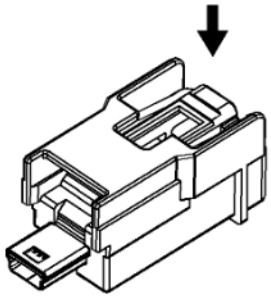
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	BK	3850	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/GN	7740	Battery Positive Voltage	I	-

X20 MEMORY CARD RECEPTACLE X2 (XVR)

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Connector Part Information

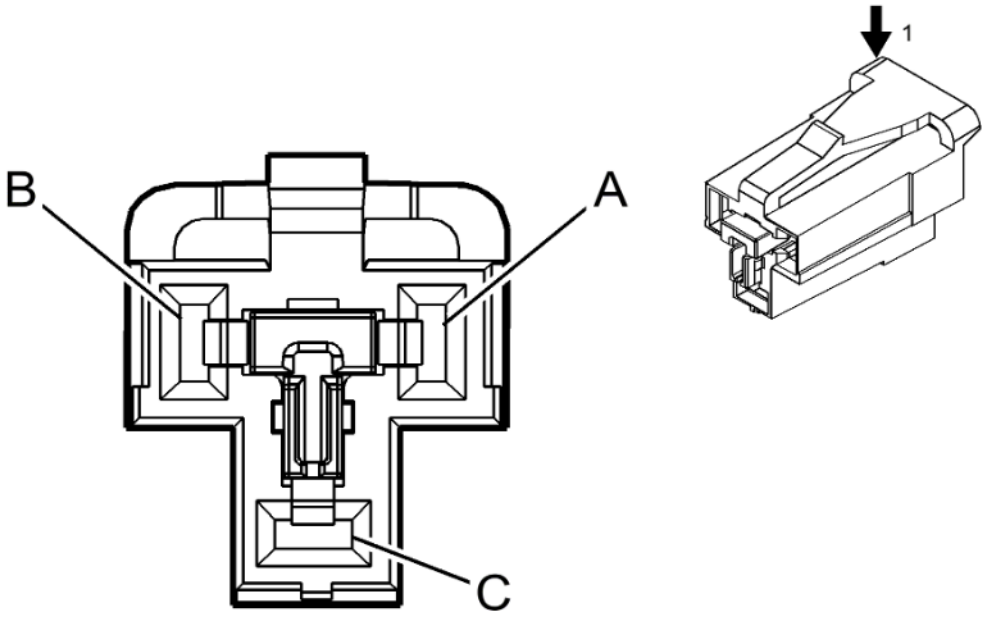
- Harness Type: Body USB
- OEM Connector: 13579209
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X80C ACCESSORY POWER RECEPTACLE - CARGO (KC8)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13855150
- Service Connector: 19355447
- Description: 3-Way F 2.8 Apex Series (GY)

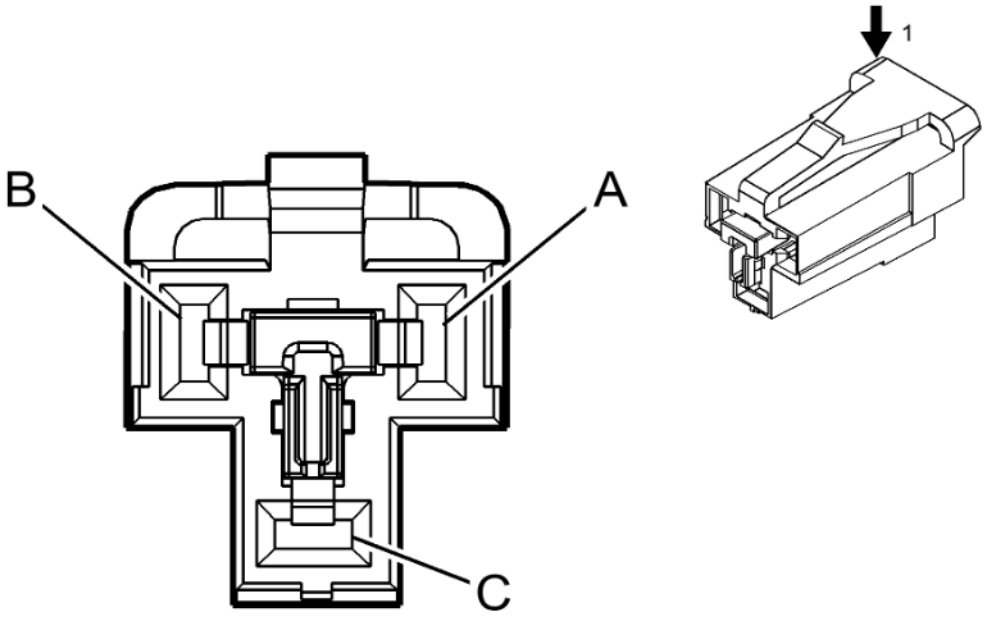
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	RD/BN	1440	Battery Positive Voltage	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	2550	Ground	I	-

X80F ACCESSORY POWER RECEPTACLE - FRONT (-DUJ/SAO)

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13855150
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 Apex Series (GY)

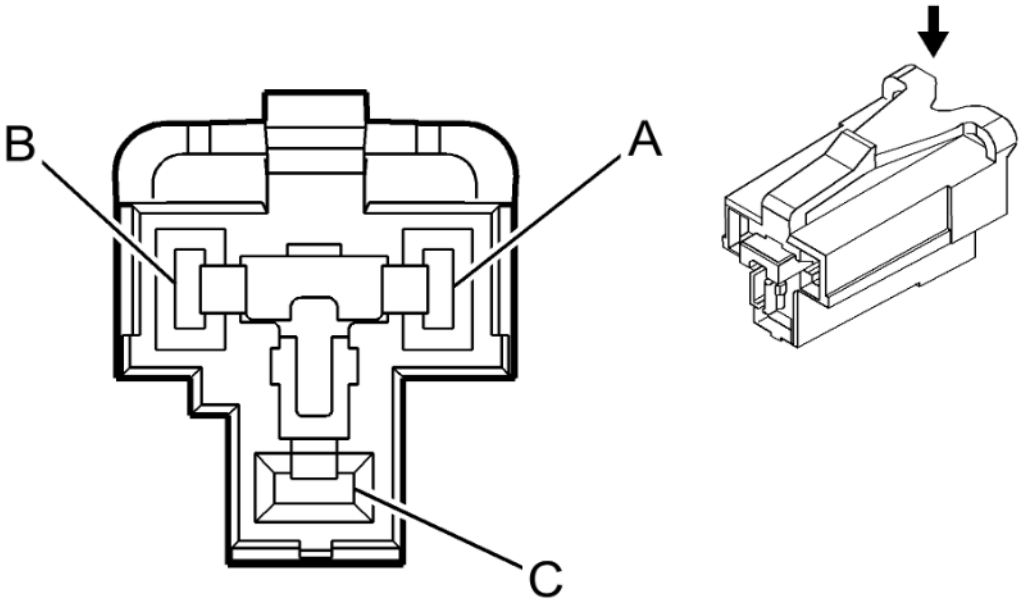
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	1001	Retained Accessory Power Ignition	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	1450	Ground	I	-

X80M ACCESSORY POWER RECEPTACLE - REAR SEAT (-DUJ)

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Connector Part Information

- Harness Type: Right Rear Seat Cushion
- OEM Connector: 13589102
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 APEX Series (BK)

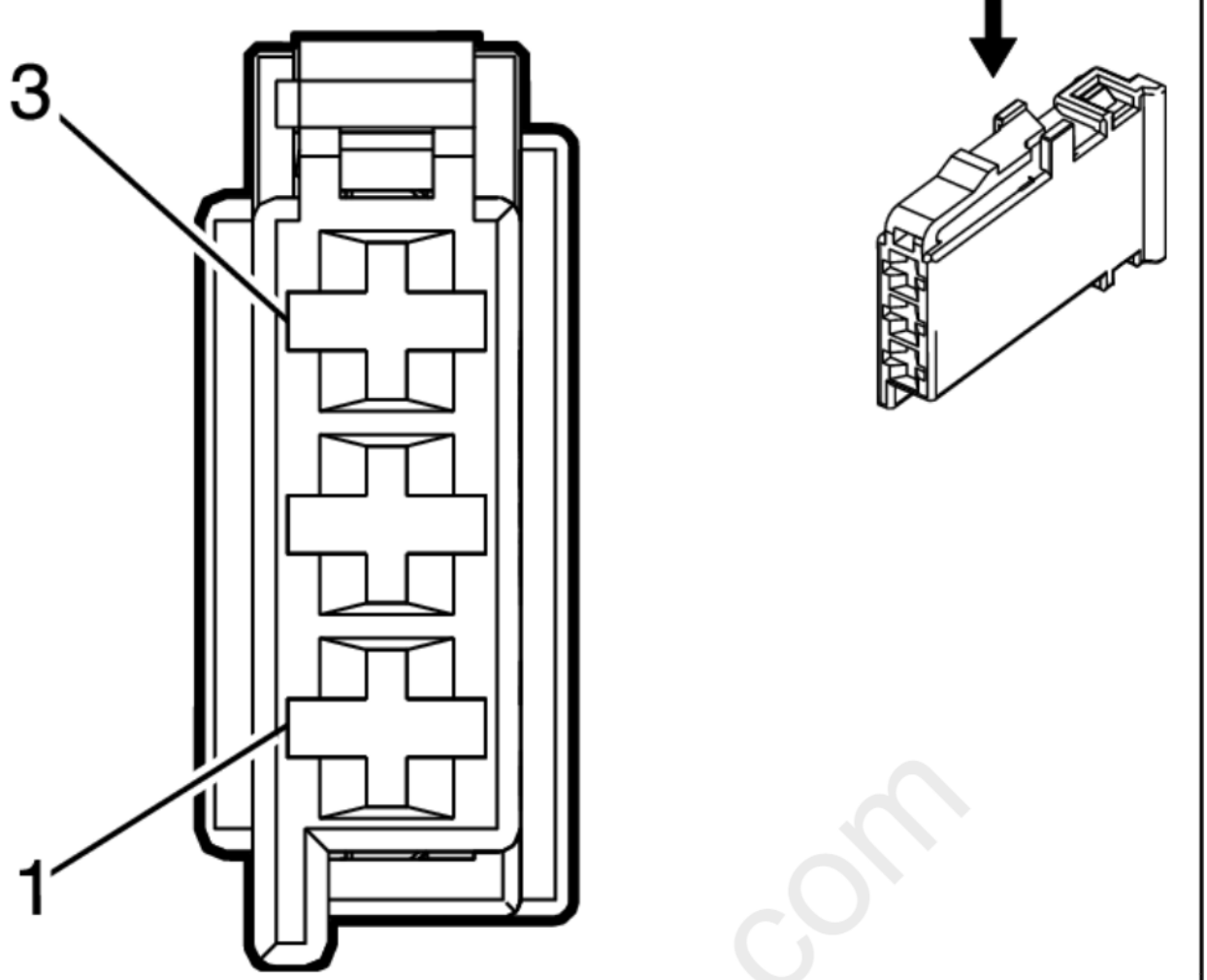
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1.0	VT	2101	Retained Accessory Power Fuse Ignition	I	-
B	0.5	YE	6817	LED Backlight Dimming Control	I	-
C	1.0	BK	2350	Ground	I	-

X81B ACCESSORY POWER RECEPTACLE X1 (KI7)

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Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

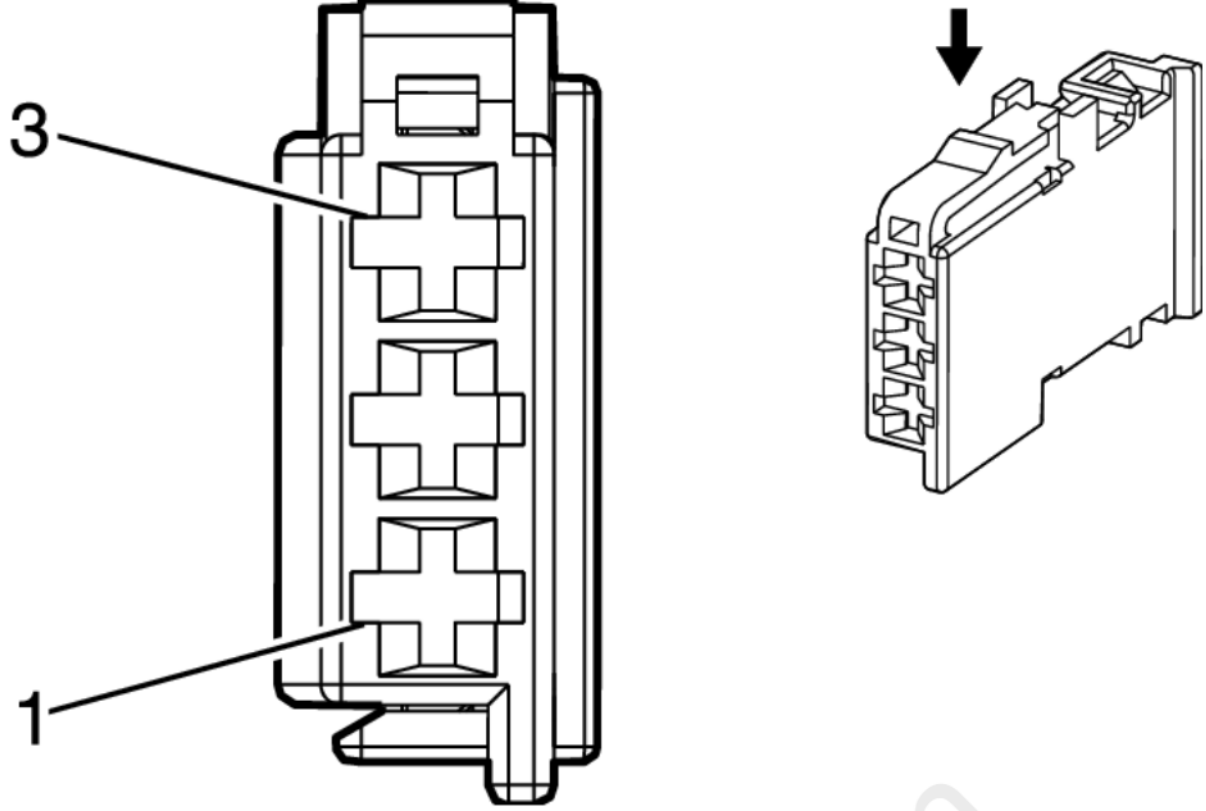
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	1701	Retained Accessory Power Ignition	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	BK	5683	120 V AC Phase A	I	-

X81B ACCESSORY POWER RECEPTACLE - X2 (KI7)

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Connector Part Information

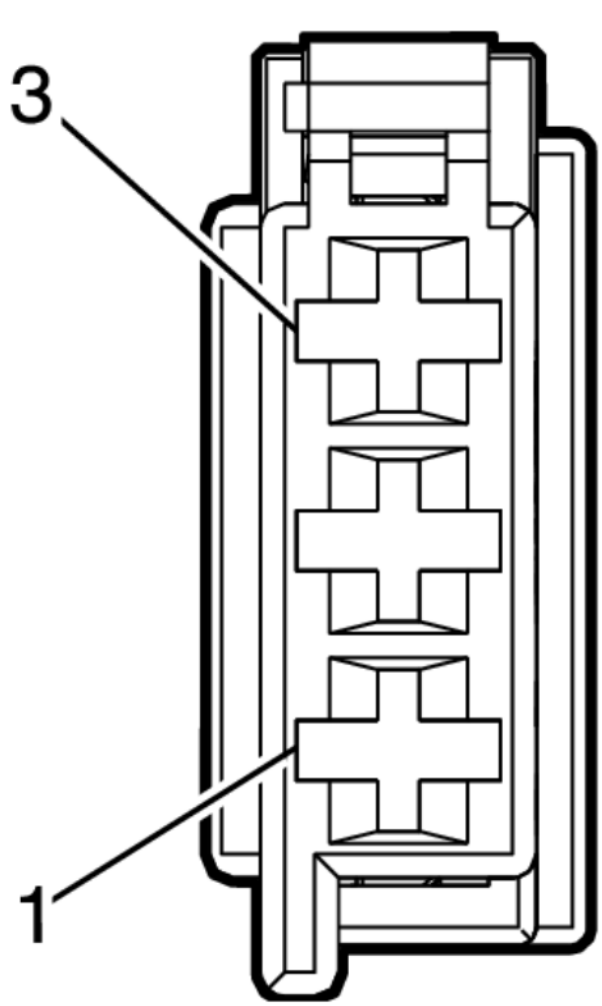
- Harness Type: Passenger Seat Cushion
- OEM Connector: 13279746
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Timer Series, Sealed (GY)

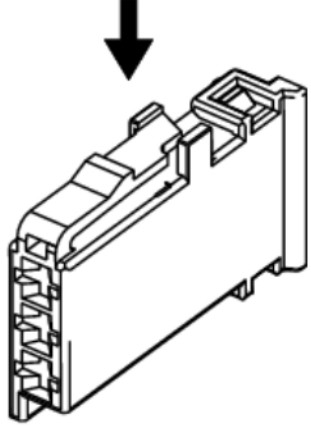
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	6807	DC To AC Inverter Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	RD	5684	120 V AC Phase B	I	-

X81 ACCESSORY POWER RECEPTACLE - X1 (KI6)





Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

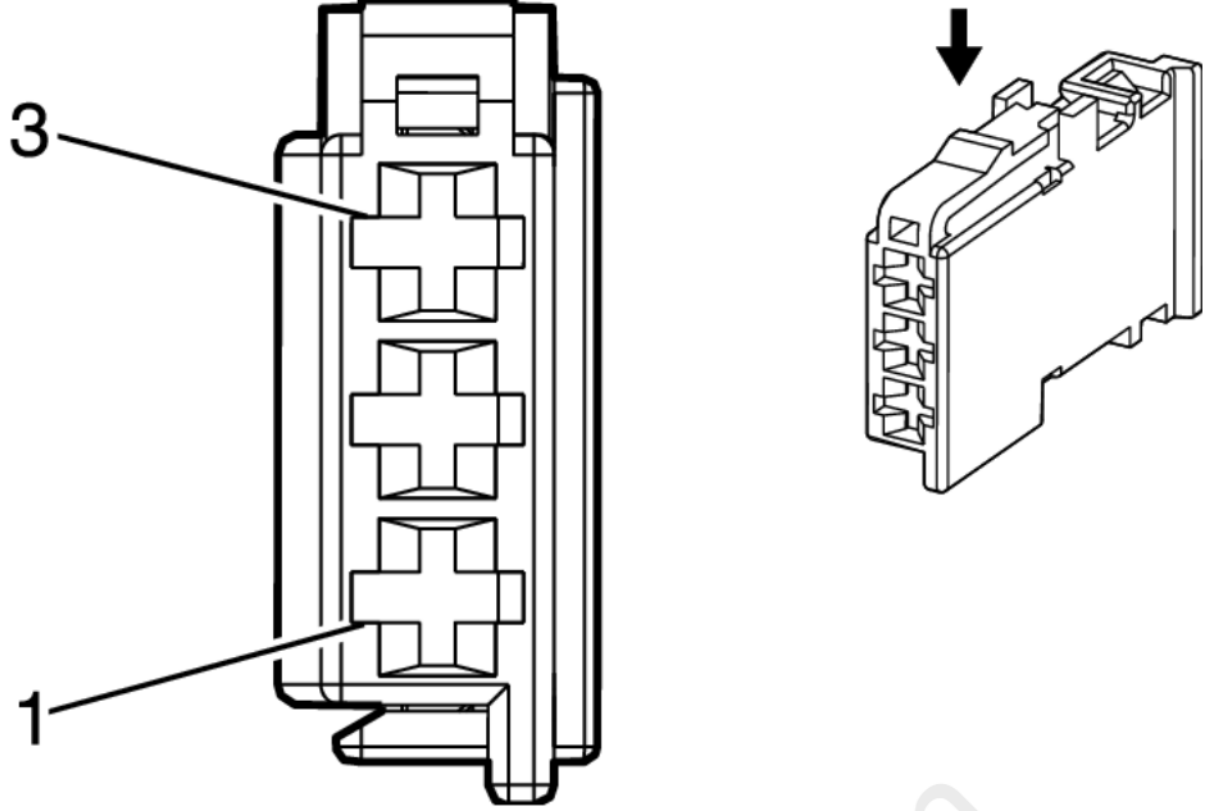
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	1701	Retained Accessory Power Ignition	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	BK	5683	120 V AC Phase A	I	-

X81 ACCESSORY POWER RECEPTACLE - X2 (KI6)

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Connector Part Information

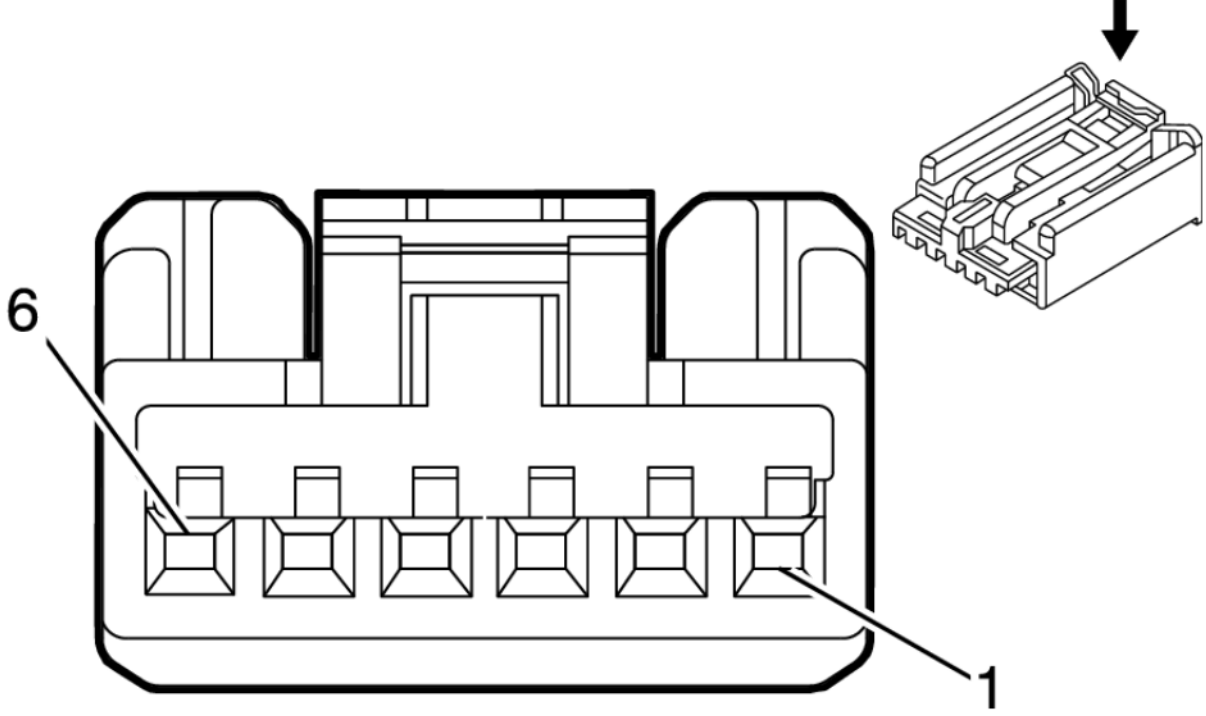
- Harness Type: Passenger Seat Cushion
- OEM Connector: 13279746
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Timer Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	6807	DC To AC Inverter Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	RD	5684	120 V AC Phase B	I	-

X82 AUDIO/VIDEO INPUT ADAPTER X1 (UWG)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 15269798
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

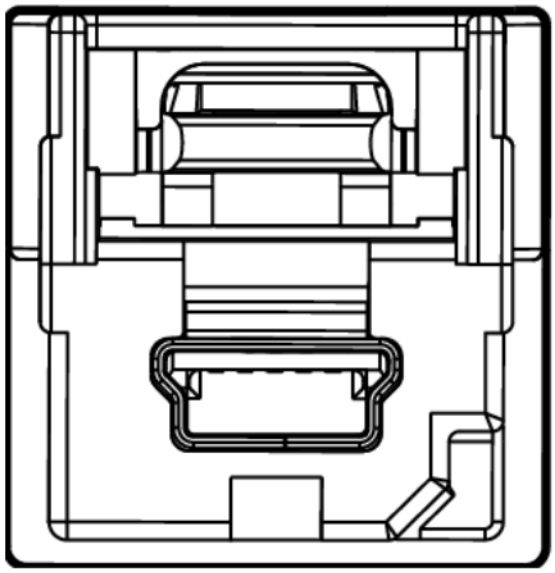
Terminal Part Information

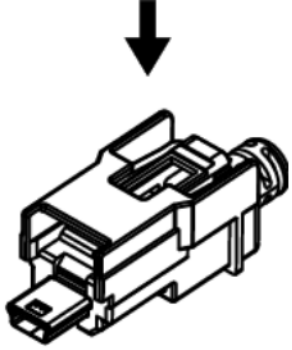
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	2059	Left Auxiliary Audio Signal 1	I	-
2	0.35	WH	2058	Right Auxiliary Audio Signal 1	I	-
3	0.35	BN	3374	Auxiliary Audio Common Signal 2	I	-
4	0.5	BK/WH	1851	Signal Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	RD/GY	2140	Battery Positive Voltage	I	-

X82 AUDIO/VIDEO INPUT ADAPTER X2 (UWG)

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Connector Part Information

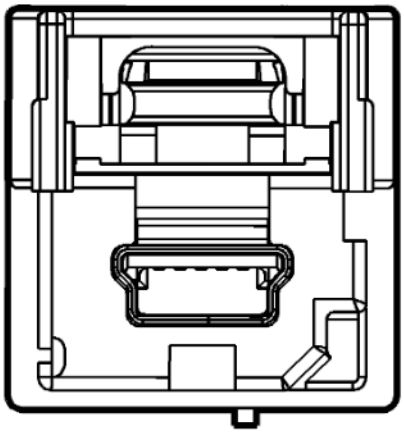
- Harness Type: Left Rear Seat USB
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

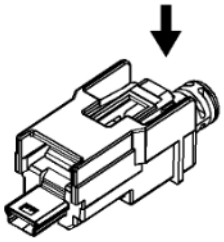
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X82 AUDIO/VIDEO INPUT ADAPTER X3 (UWG)





Connector Part Information

- Harness Type: Left Rear Seat USB
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

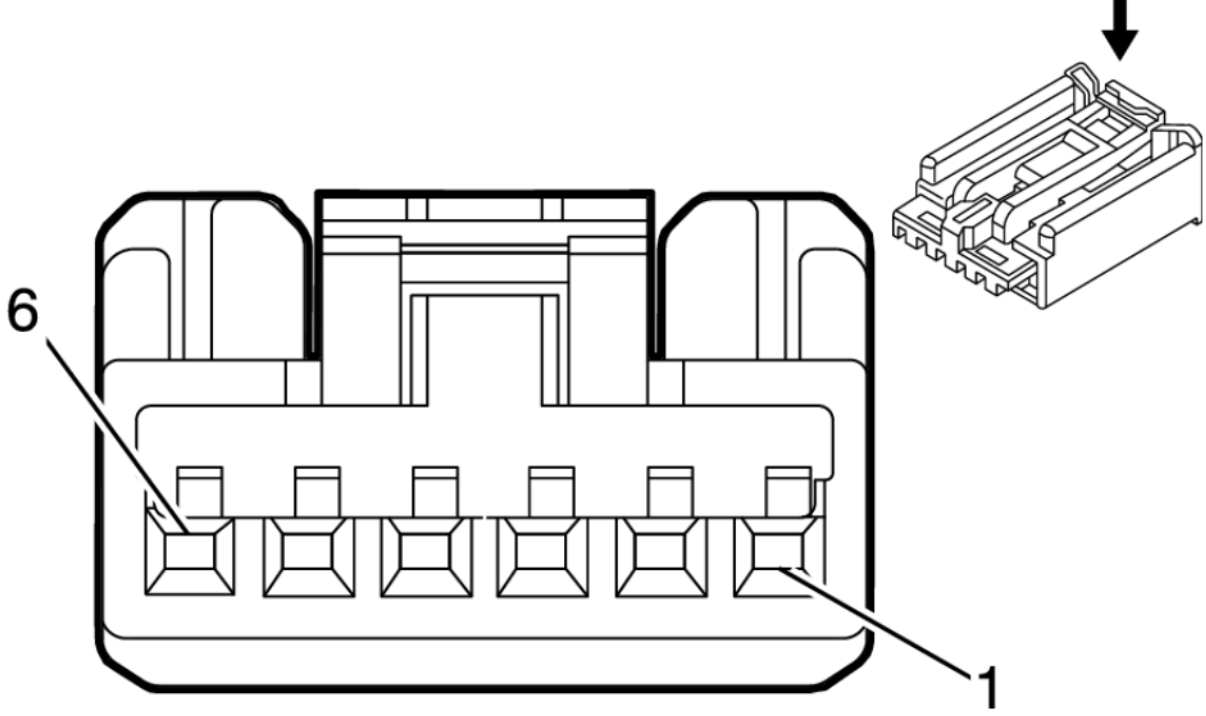
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X83 AUXILIARY AUDIO INPUT X1

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13595476
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

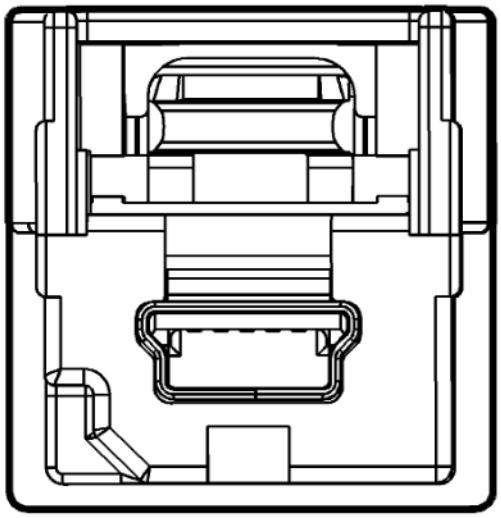
Terminal Part Information

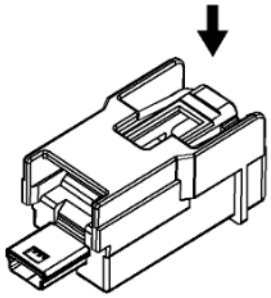
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	BK/WH	1551	Signal Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/VT	340	Battery Positive Voltage	I	-

X83 AUXILIARY AUDIO INPUT X2

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Connector Part Information

- Harness Type: Floor Console USB
- OEM Connector: 13579209
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

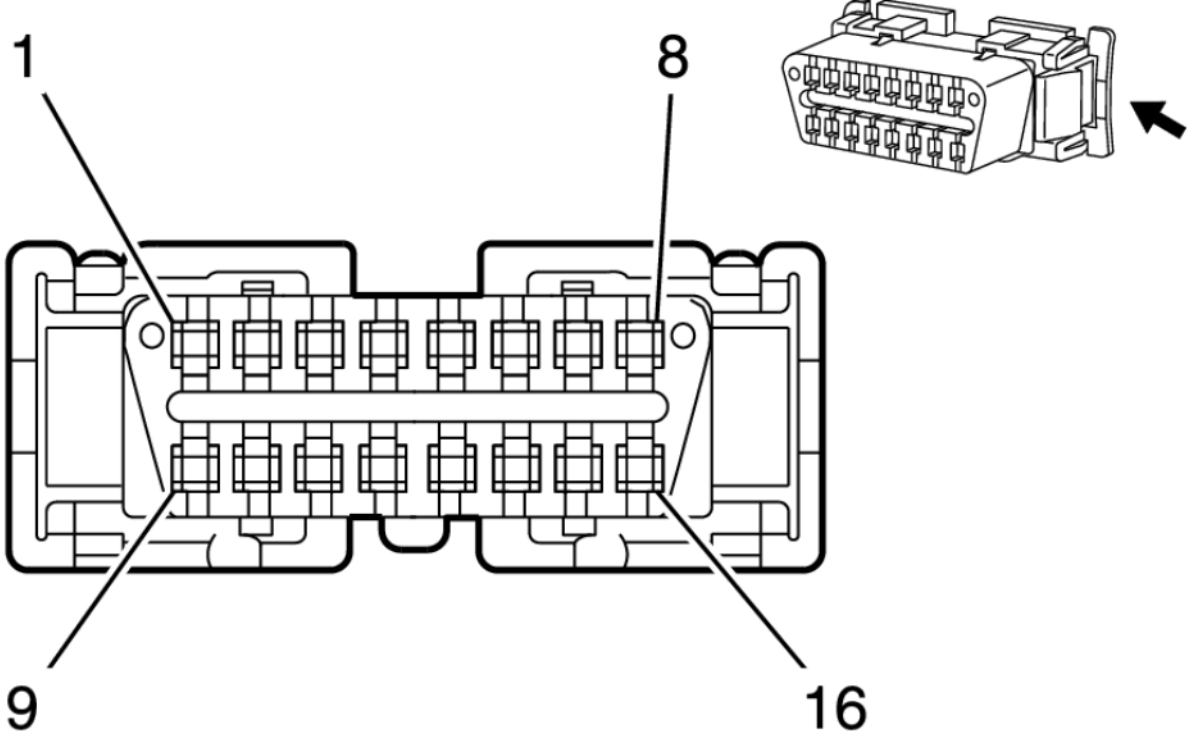
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X84B AUXILIARY DATA CONNECTOR (HP9)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13580435
- Service Connector: 19178163
- Description: 16-Way F 51115 Series (BK)

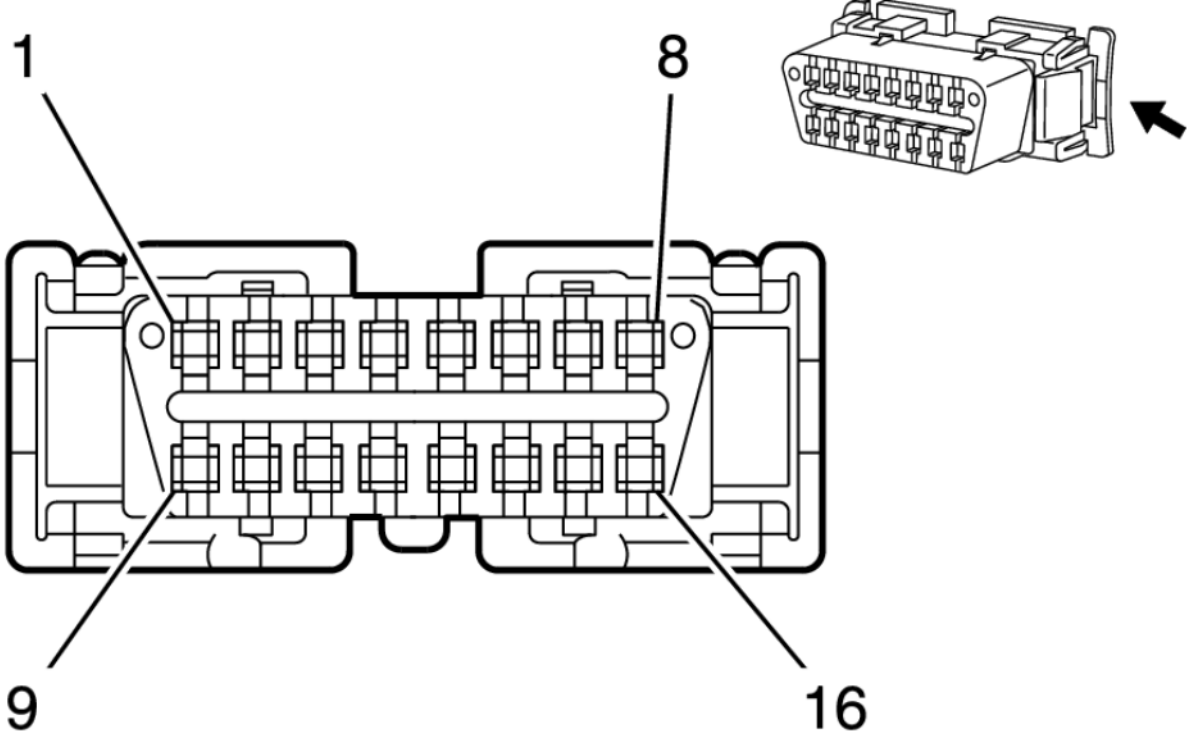
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575534	J-35616-2A (GY)	J-38125-12A	50420-8000	Yazaki 15	H	H

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BU/GN	6433	CAN Bus High Serial Data	I	-
4	0.5	BK	1450	Ground	I	-
5	0.5	BK	1450	Ground	I	-
6 - 10	-	-	-	Not Occupied	-	-
11	0.5	WH	6432	CAN Bus Low Serial Data	I	-
12	0.35	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
13	0.35	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
14 - 15	-	-	-	Not Occupied	-	-
16	0.5	RD/GN	40	Battery Positive Voltage	I	-

X84 DATA LINK CONNECTOR

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13580435
- Service Connector: 19178163
- Description: 16-Way F 51115 Series (BK)

Terminal Part Information

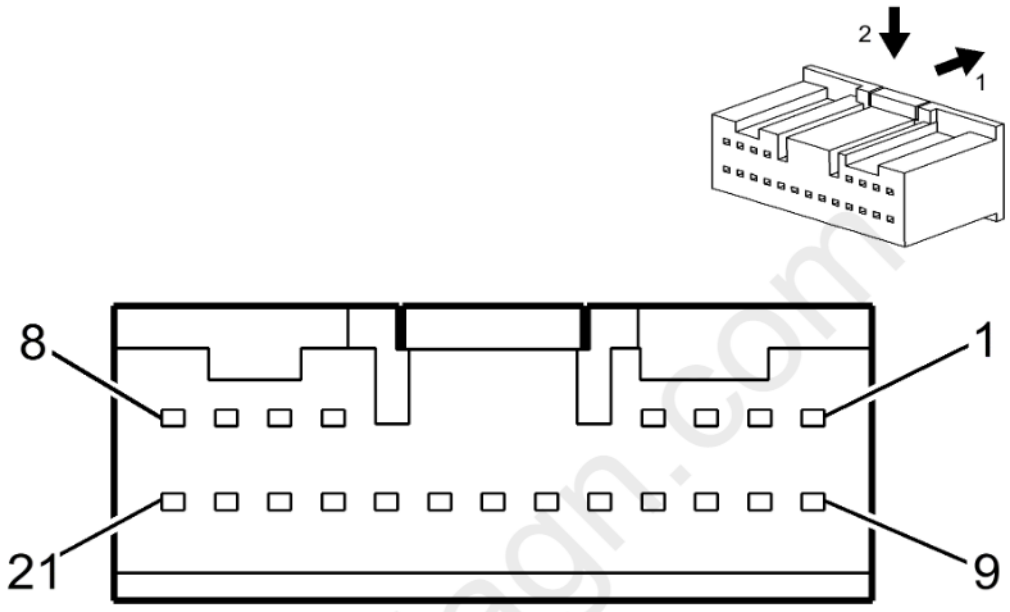
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575534	J-35616-2A (GY)	J-38125-12A	50420-8000	Yazaki 15	H	H

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	5060	Low Speed GMLAN Serial Data	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.5	BK	1350	Ground	I	-
5	0.5	BK	1350	Ground	I	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
7 - 10	-	-	-	Not Occupied	-	-
11	0.5	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
12	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	-	-	-	Not Occupied	-	-
16	0.5	RD/GN	40	Battery Positive Voltage	I	-

X85 STEERING WHEEL AIR BAG COIL X1



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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13989842
- Service Connector: 19330689
- Description: 21-Way F 0.64 Series, Sealed (YE)

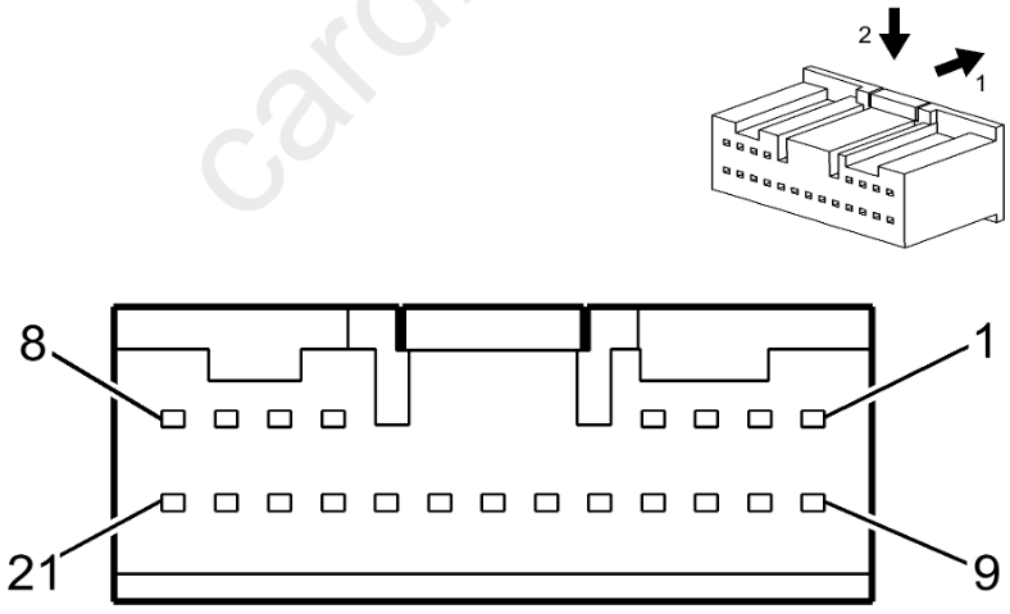
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575864	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03GF-M064	Yazaki 27	P	P
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	GN/WH	3287	Horn Switch Signal	II	-
6	0.35	BK	1350	Ground	II	-
7	-	-	-	Not Occupied	-	-
8	0.5	BK	1350	Ground	II	-
9	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	II	-
10	-	-	-	Not Occupied	-	-
11	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	II	-
12	-	-	-	Not Occupied	-	-
13	0.35	WH/RD	1444	12V Reference	II	-
14	0.35	WH	3152	Lane Departure Warning Indicator Control	II	-
15	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	II	-
16	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	II	-
17	0.35	YE/BN	2097	Steering Column Tilt and Telescope Down Switch Signal	II	-
18	0.35	RD/YE	3040	Battery Positive Voltage	II	-
19 - 20	-	-	-	Not Occupied	-	-
21	0.5	VT/GY	539	Run/Crank Ignition 1 Voltage	II	-

X85 STEERING WHEEL AIR BAG COIL X2



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 13588548
- Service Connector: Service by Harness - See Part Catalog

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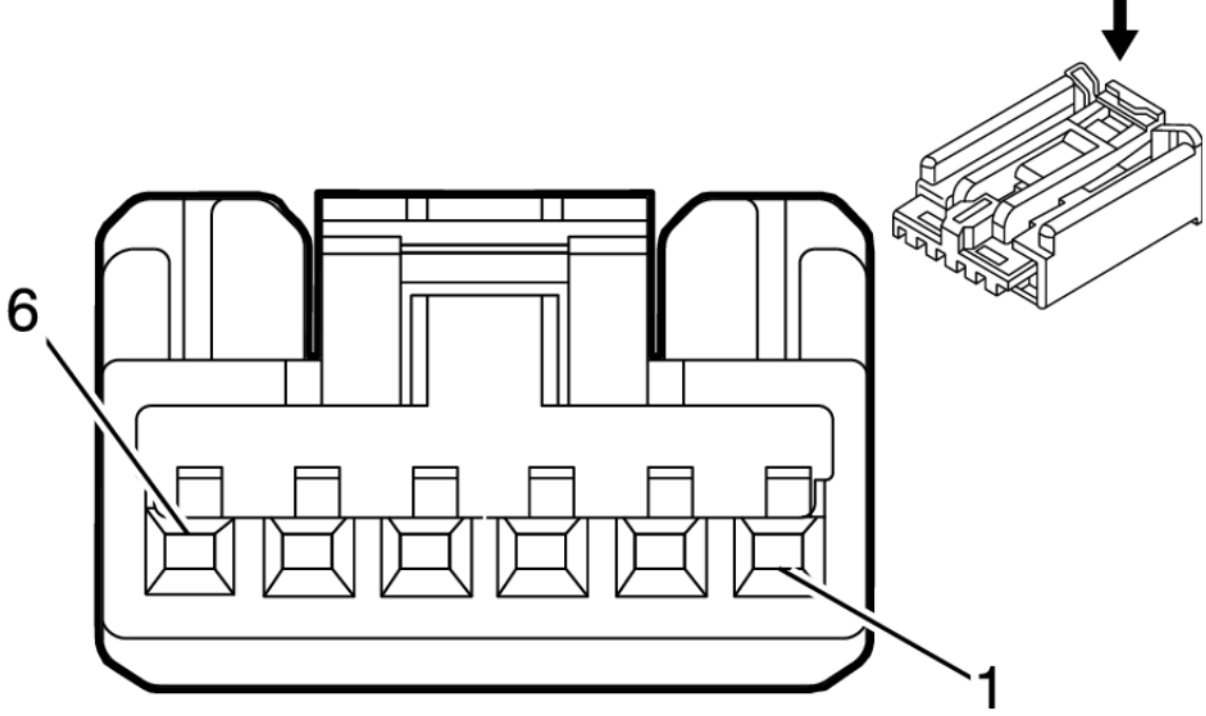
- Description: 21-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	1350	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BK	1350	Ground	I	-
4	0.35	GN/WH	3287	Horn Switch Signal	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
8	0.5	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
9	0.5	RD	539	Run/Crank Ignition 1 Voltage	I	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	RD/GY	3040	Battery Positive Voltage	I	-
13	-	-	-	Not Occupied	-	-
14	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
15	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-
16	0.35	WH	3152	Lane Departure Warning Indicator Control	I	UEU
17	0.35	WH/RD	1444	12V Reference	I	-
18	-	-	-	Not Occupied	-	-
19	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
20	-	-	-	Not Occupied	-	-
21	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-

X92B USB RECEPTACLE - REAR SEAT



Connector Part Information

- Harness Type: Right Rear Seat Cushion
- OEM Connector: 15269798
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

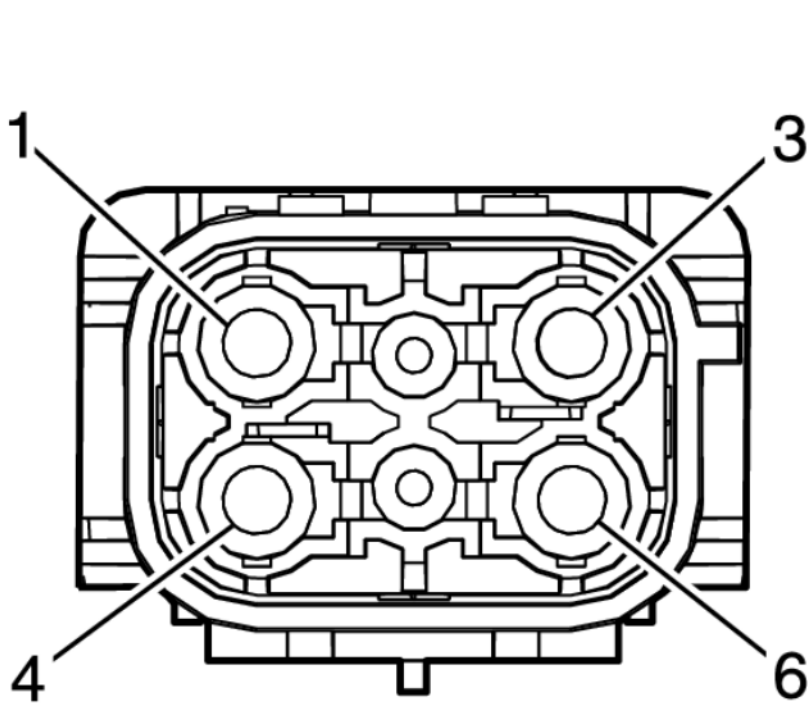
Terminal Part Information

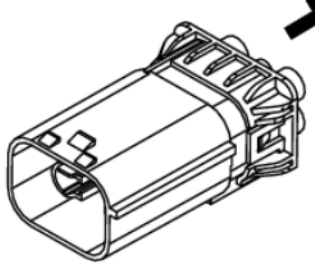
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	BK	2350	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	VT	2801	Retained Accessory Power Fuse Ignition	I	-

X98 HYBRID/EV BATTERY CHARGER RECEPTACLE (HP9)

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Connector Part Information

- Harness Type: Charger Jumper
- OEM Connector: 13990592
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 1.0, 2.4 HES Sealed (OG)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-7 (BN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

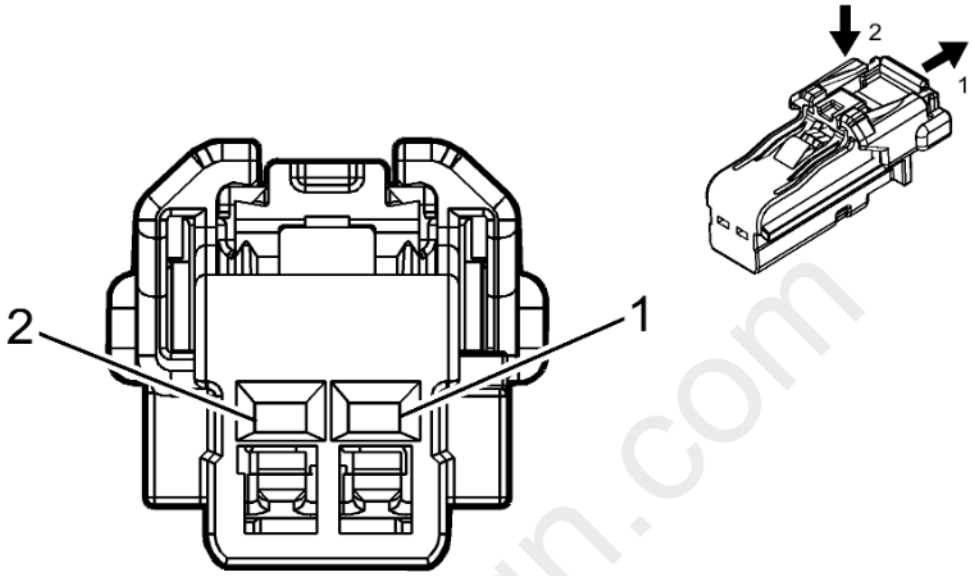
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	3	GN	3952	Voltage AC Ground	I	-
2	0.5	GY/GN	3954	Control Pilot Signal 1	I	-
3	3	BU	3837	Voltage AC Line 1	I	-
4	3	WH	3838	Voltage AC Neutral Line 2	I	-
5	0.5	BU/YE	3953	Proximity Status Signal 1	I	-
6	-	-	-	Not Occupied	-	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

B32A HYBRID/EV BATTERY TEMPERATURE SENSOR 1 (HP9)



Connector Part Information

- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

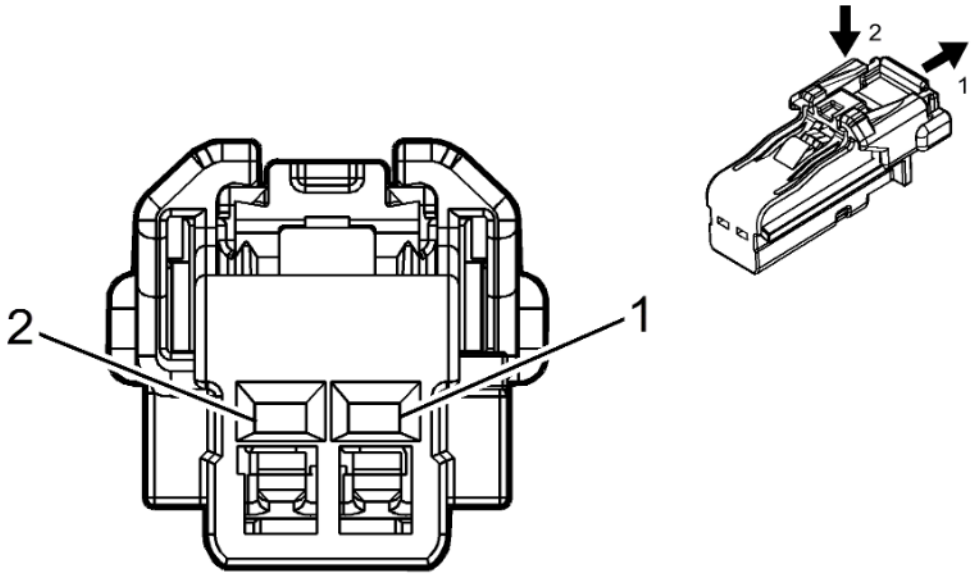
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	5405	Battery Module Temperature Signal 1	I	-
2	-	-	-	Not Occupied	-	-

B32B HYBRID/EV BATTERY TEMPERATURE SENSOR 2 (HP9)

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Connector Part Information

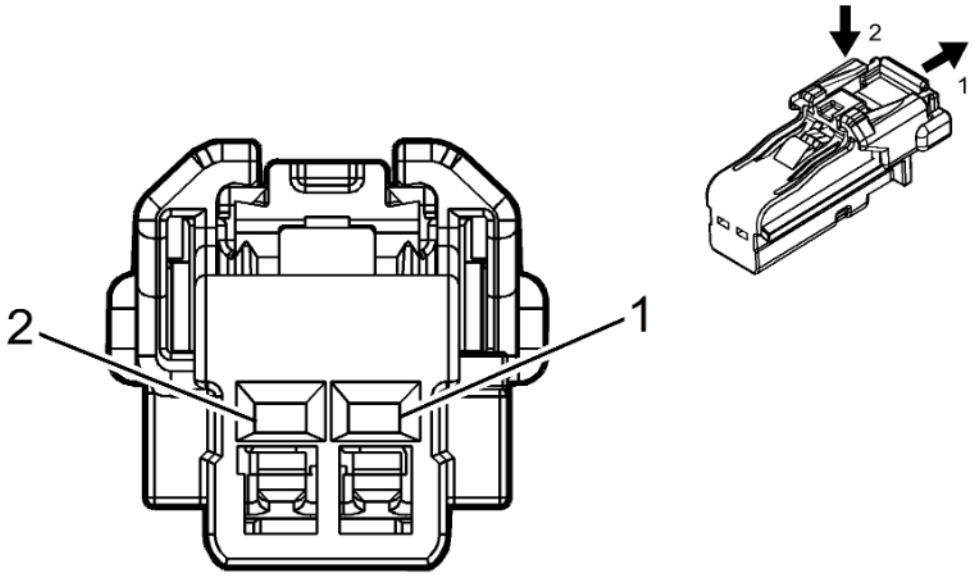
- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/WH	5406	Battery Module Temperature Signal 2	I	-
2	-	-	-	Not Occupied	-	-

B32C HYBRID/EV BATTERY TEMPERATURE SENSOR 3 (HP9)



Connector Part Information

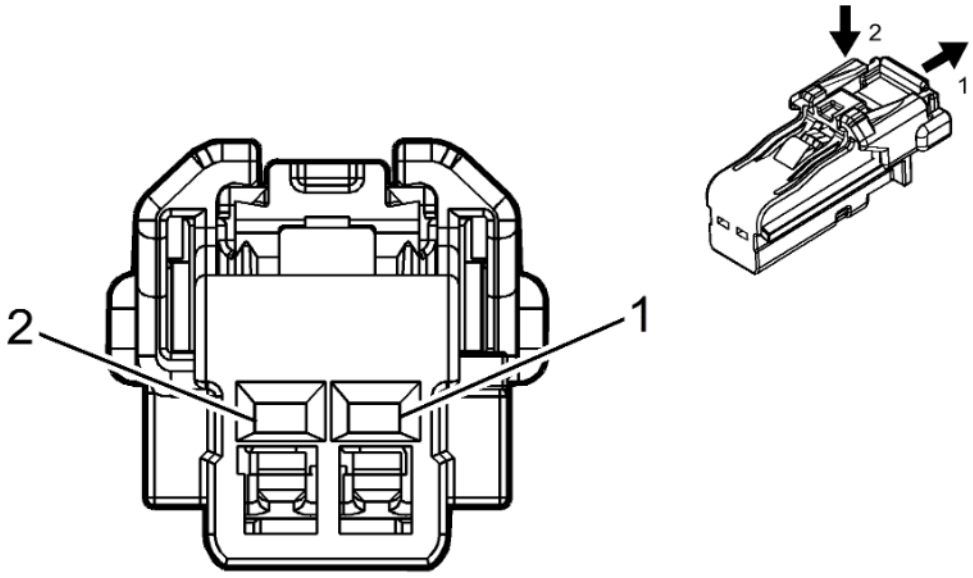
- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	5407	Battery Module Temperature Signal 3	I	-
2	-	-	-	Not Occupied	-	-

B32D HYBRID/EV BATTERY TEMPERATURE SENSOR 4 (HP9)



Connector Part Information

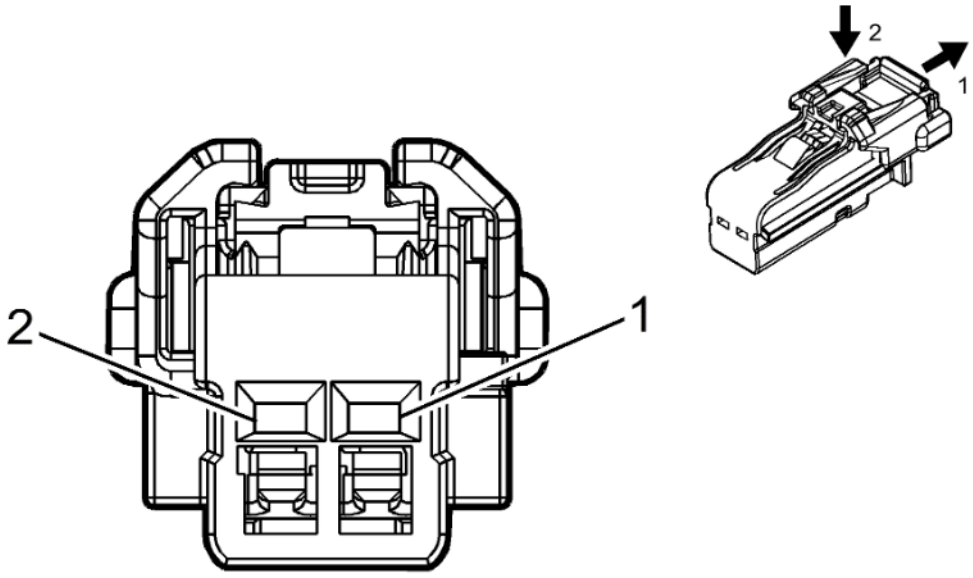
- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BK	5408	Battery Module Temperature Signal 4	I	-
2	-	-	-	Not Occupied	-	-

B32E HYBRID/EV BATTERY TEMPERATURE SENSOR 5 (HP9)



Connector Part Information

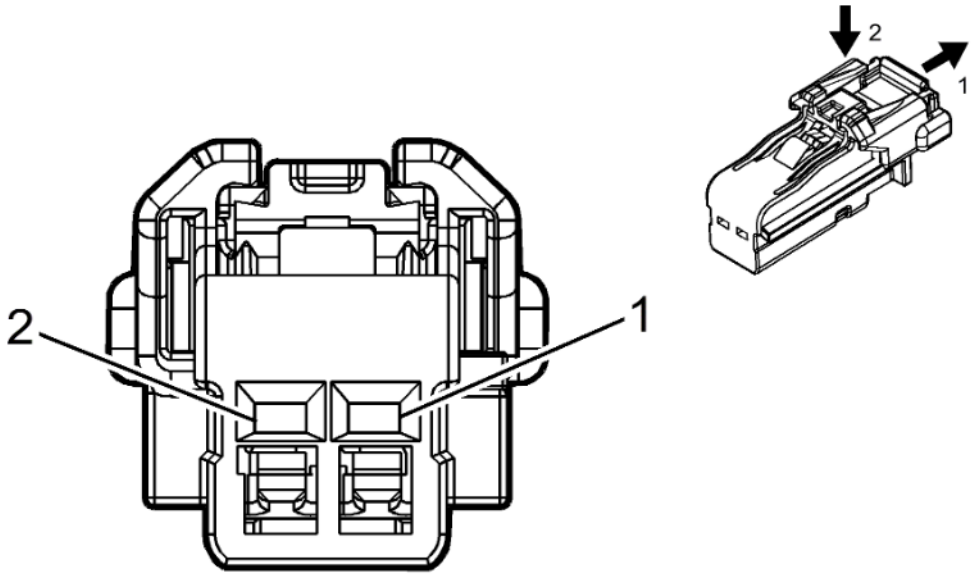
- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/BK	5409	Battery Module Temperature Signal 5	I	-
2	-	BK/VT	3777	Battery Module Temperature Sensor Low Reference 5	I	-

B32F HYBRID/EV BATTERY TEMPERATURE SENSOR 6 (HP9)



Connector Part Information

- Harness Type: Auxiliary Battery Cable
- OEM Connector: 13588640
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

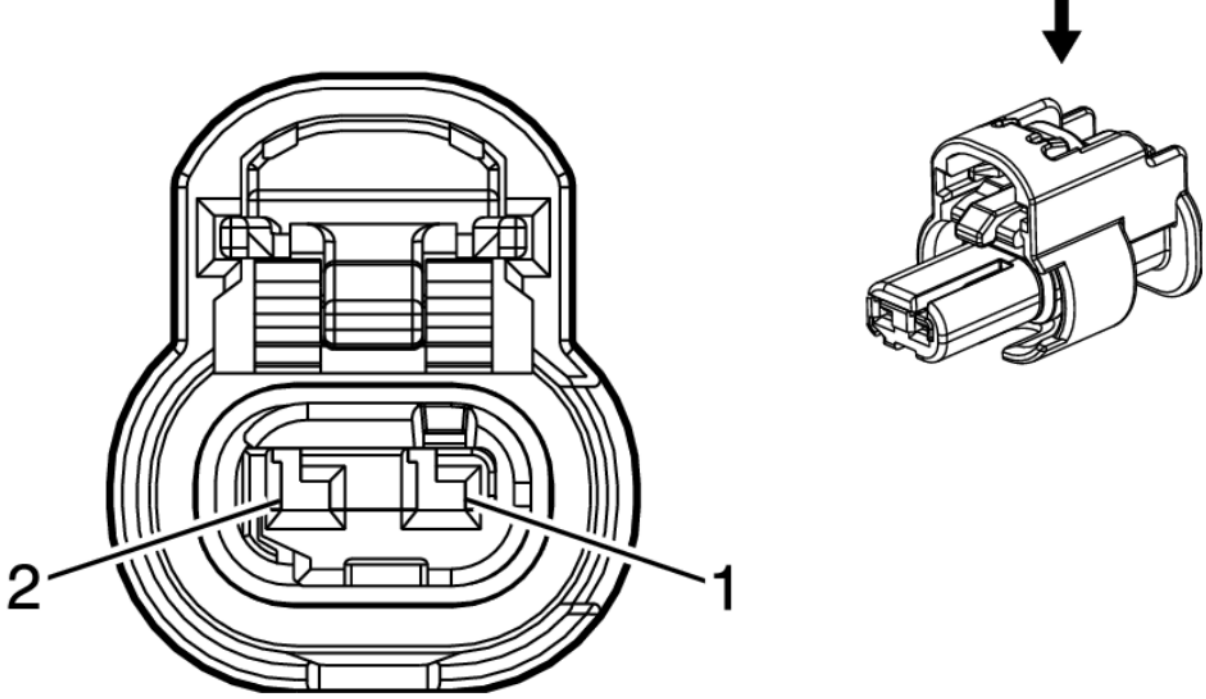
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/BN	5410	Battery Module Temperature Signal 6	I	-
2	-	BK/YE	3778	Battery Module Temperature Sensor Low Reference 6	I	-

B34 ENGINE COOLANT TEMPERATURE SENSOR (LGW/LGX)

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Connector Part Information

- Harness Type: Engine Jumper
- OEM Connector: 13591334
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

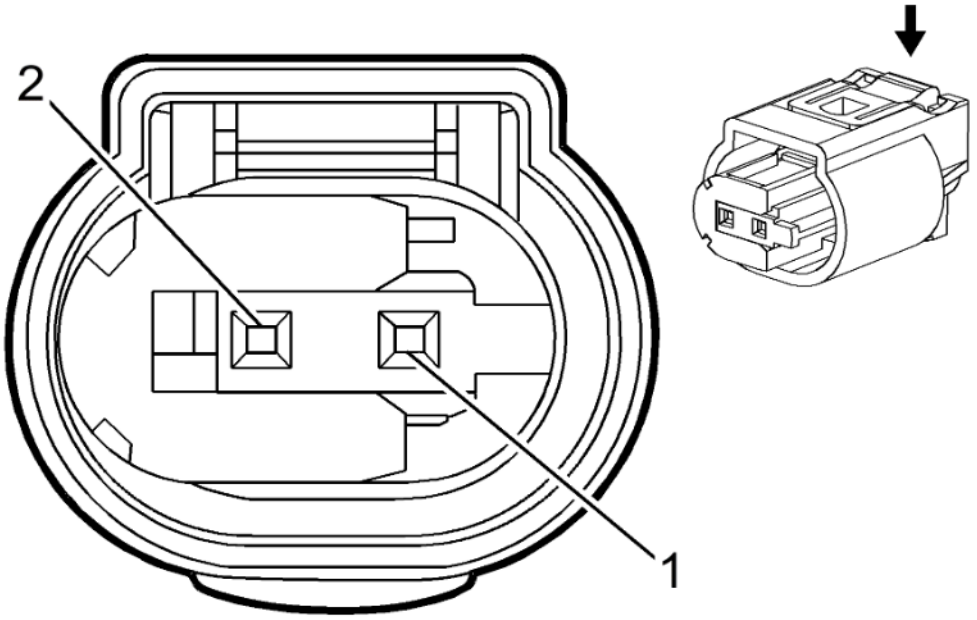
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	BU BK/BN	410 2761	Engine Coolant Temperature Sensor Signal Coolant Temperature Sensor Low Reference	II I	LGW LGX
2	0.5 0.5	BK/WH BU	2051 410	Signal Ground Engine Coolant Temperature Sensor Signal	II I	LGW LGX

B34 ENGINE COOLANT TEMPERATURE SENSOR (LTG+HP9)

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Connector Part Information

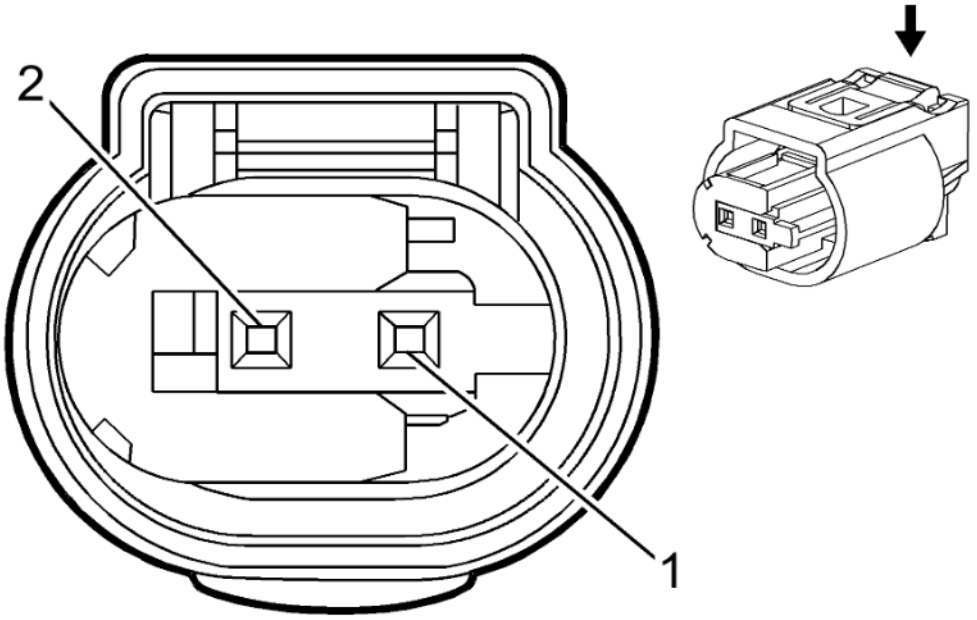
- Harness Type: Engine
- OEM Connector: 13913871
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
2	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-

B34 ENGINE COOLANT TEMPERATURE SENSOR (LTG+KL9)



Connector Part Information

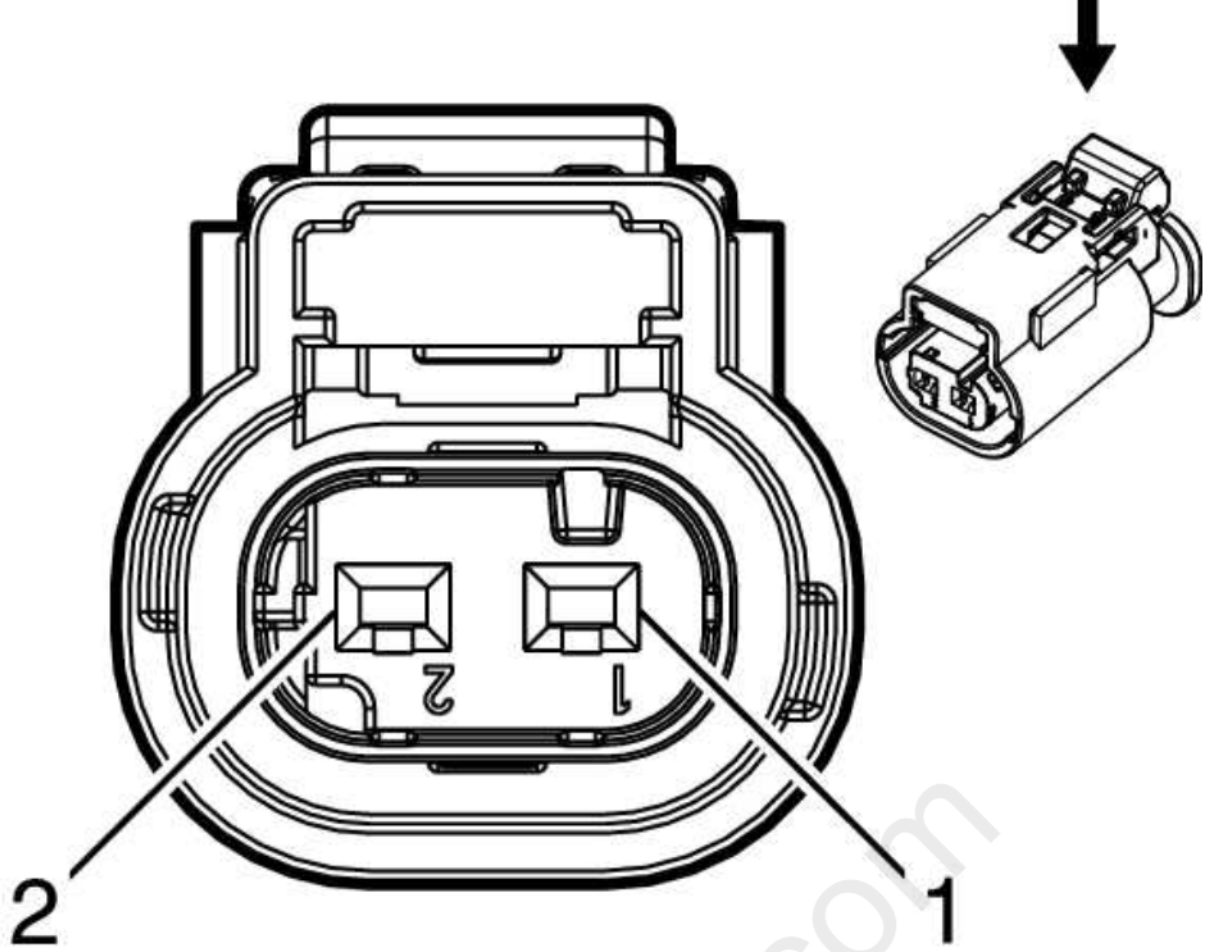
- Harness Type: Engine
- OEM Connector: 15365708
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
2	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-

B35 ENGINE OIL LEVEL SWITCH (LGW/LGX)



Connector Part Information

- Harness Type: Engine Jumper
- OEM Connector: 13503566
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

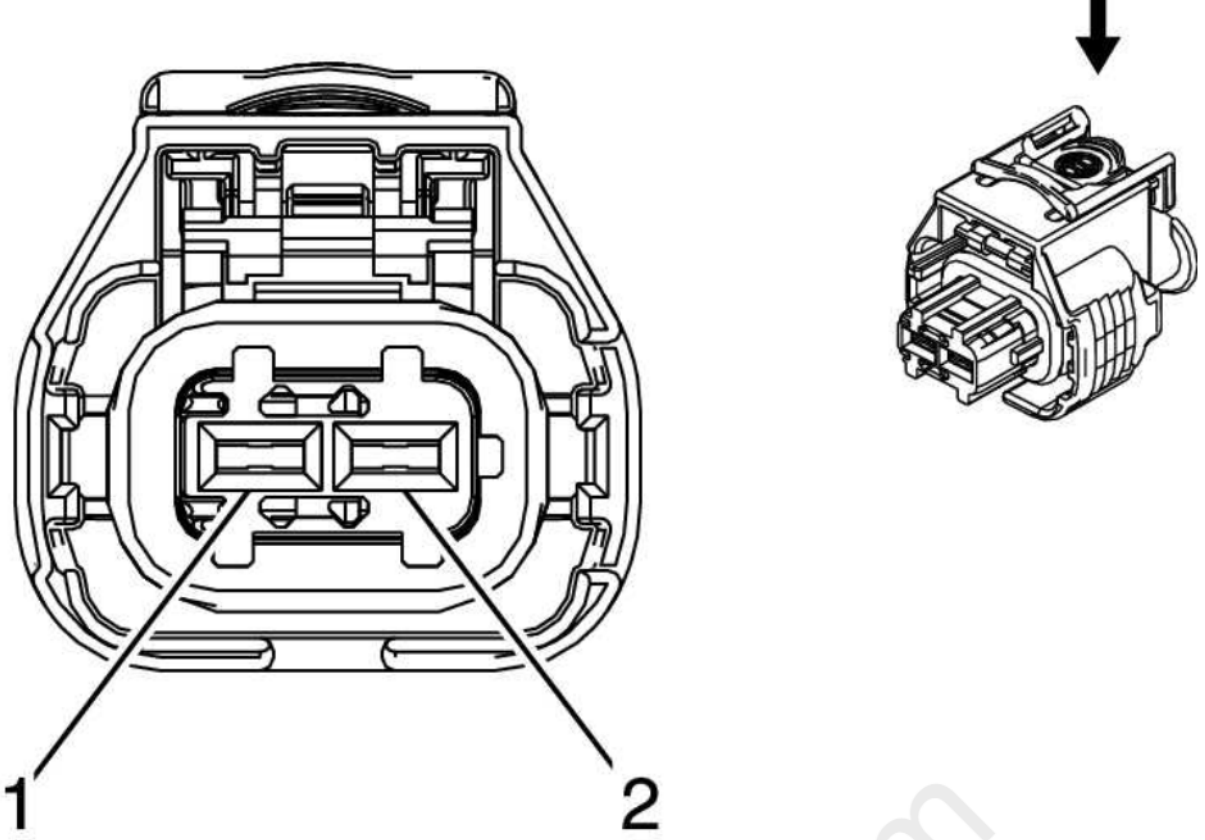
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/WH	451	Signal Ground	I	-
2	0.5	BN/GN	1174	Oil Level Switch Signal	I	-

B35 ENGINE OIL LEVEL SWITCH (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13930085
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

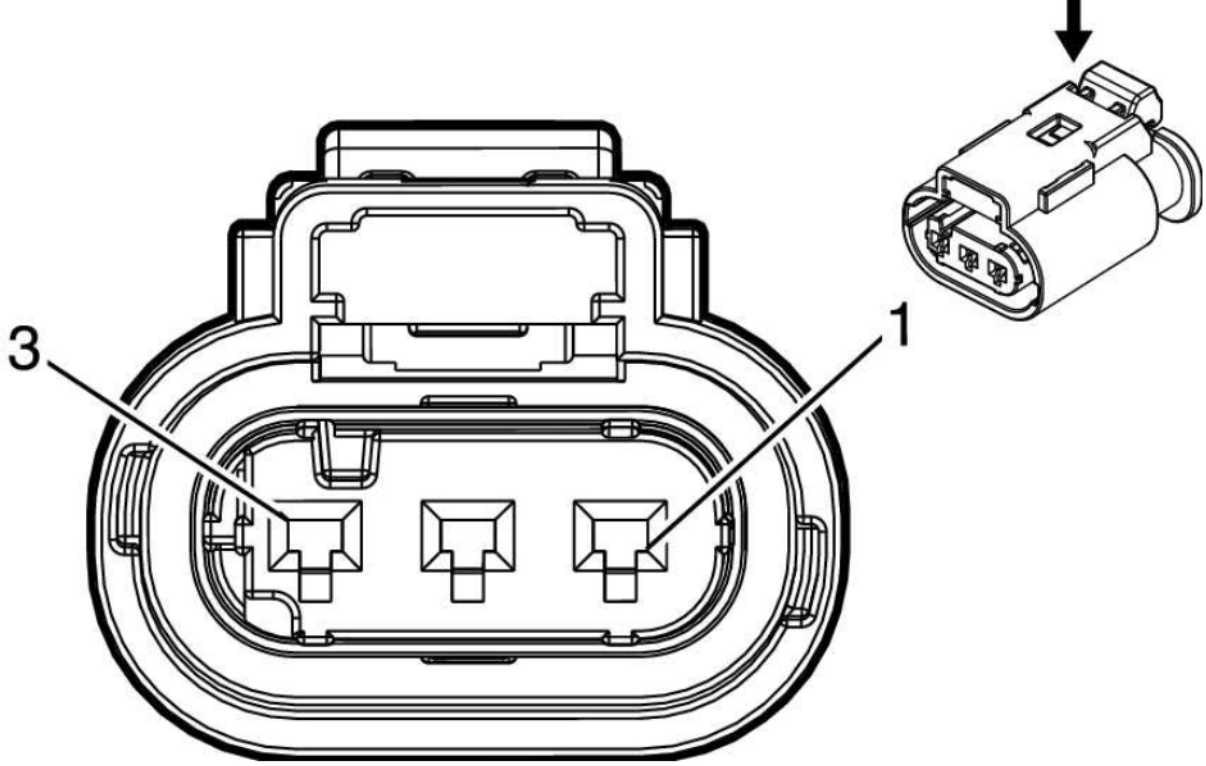
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/WH	451	Signal Ground	I	-
2	0.5	BN/GN	1174	Oil Level Switch Signal	I	-

B37B ENGINE OIL PRESSURE SENSOR (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13889776
- Service Connector: 19301717
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

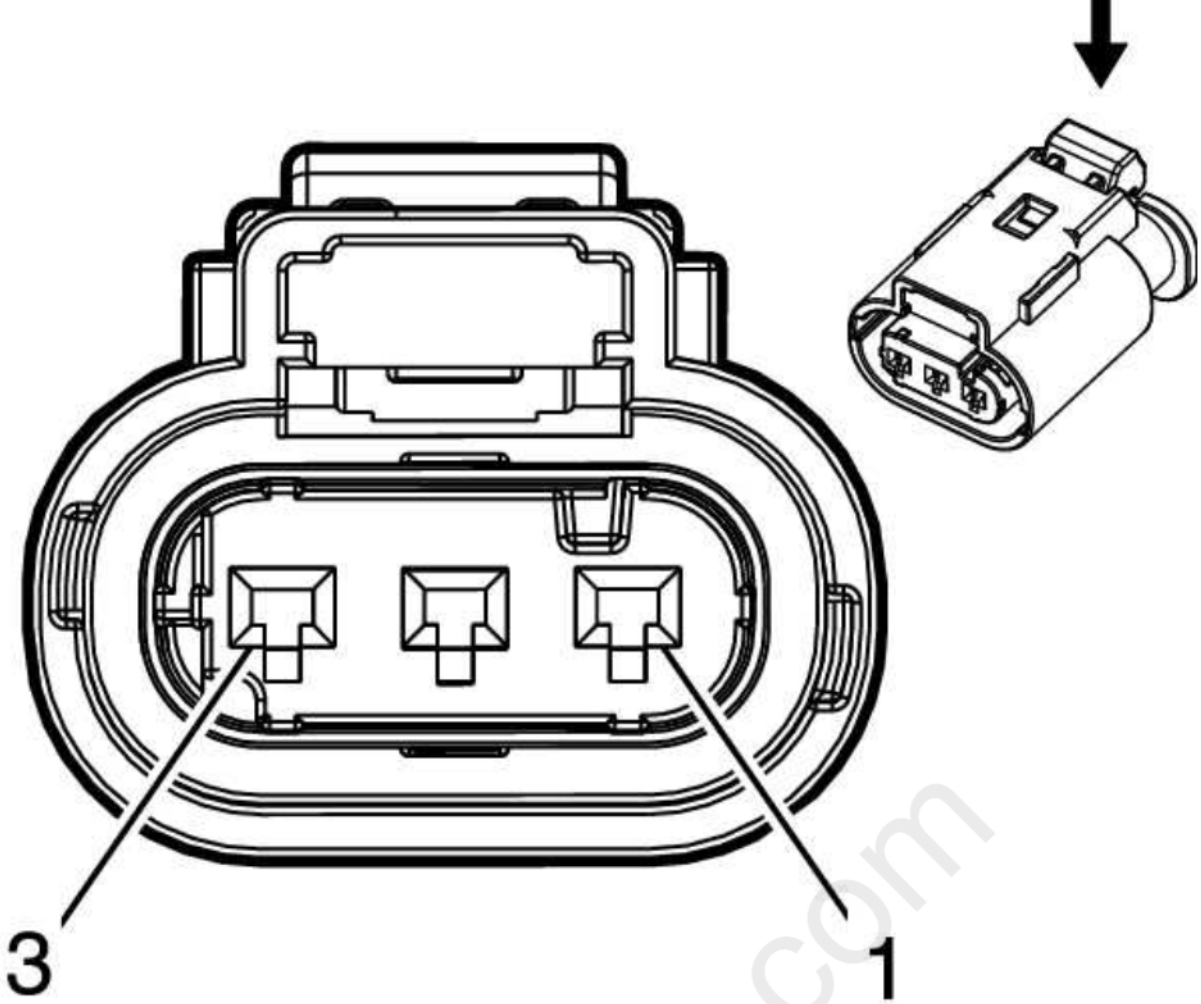
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	WH YE/BN	311 331	Right Headlamp High Beam Control Oil Pressure Sensor Signal	I I	LGW LGX
2	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	I	-
3	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	I	-

B37B ENGINE OIL PRESSURE SENSOR (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

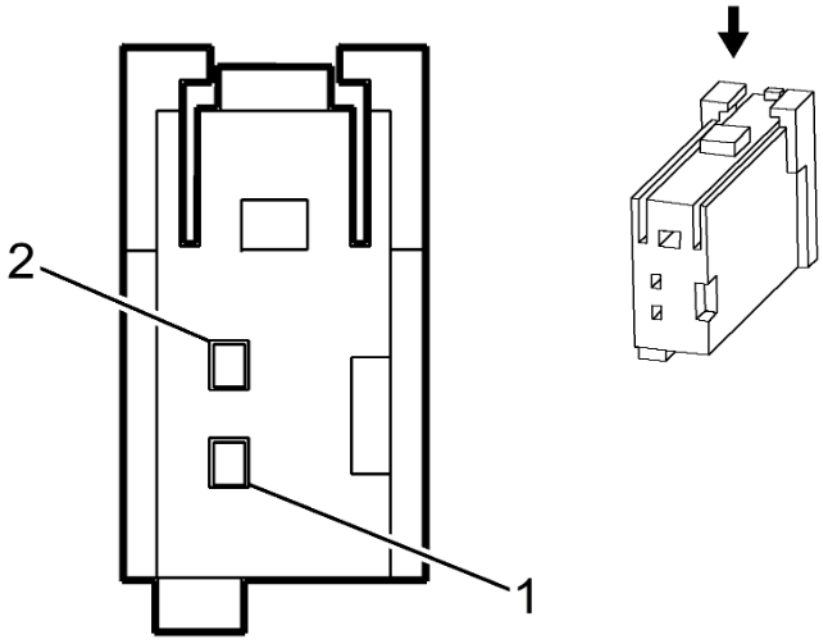
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	331	Oil Pressure Sensor Signal	I	-
2	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	I	-
3	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	I	-

B39 A/C EVAPORATOR TEMPERATURE SENSOR

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 19115645
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series (BK)

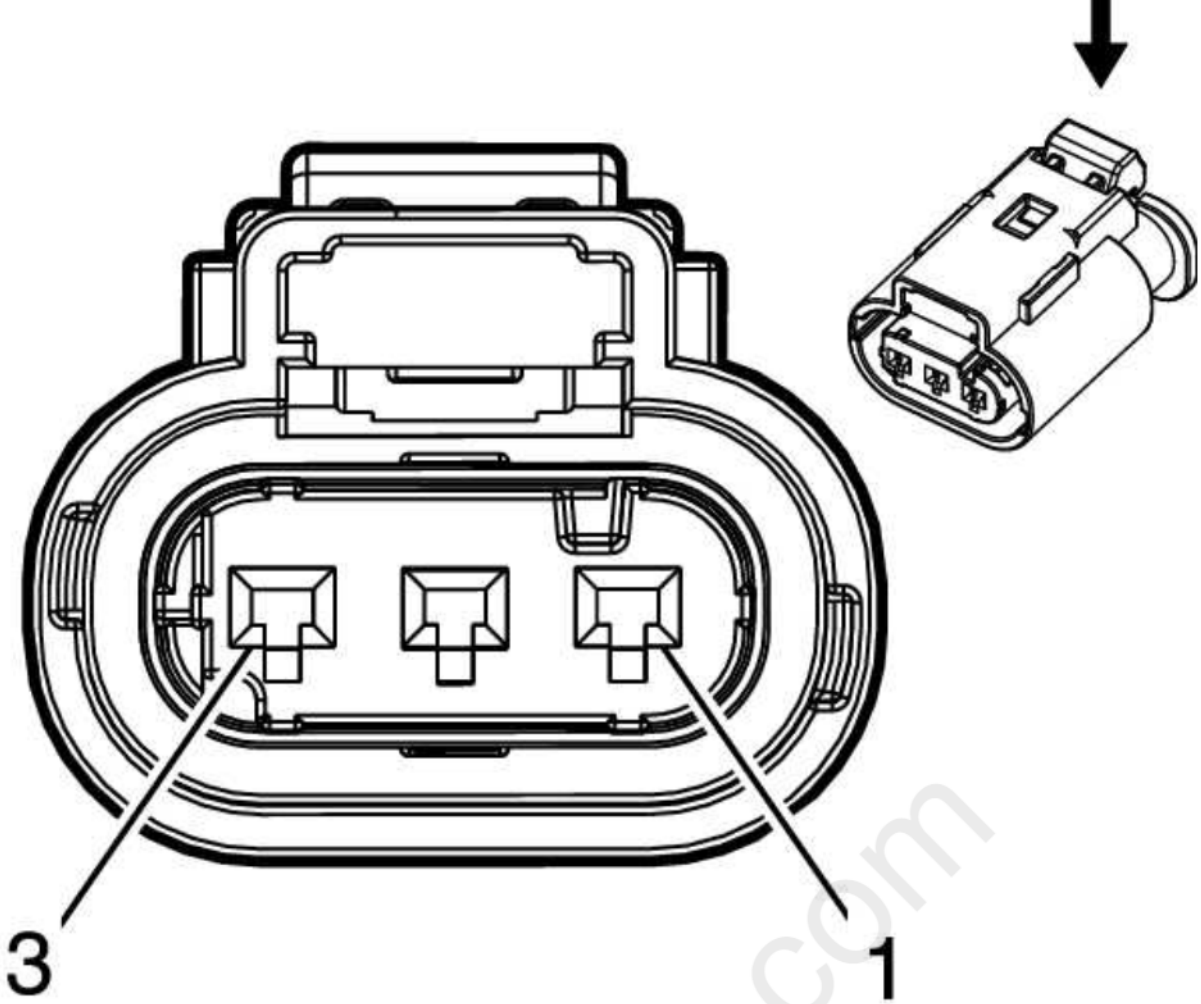
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	6137	EVAP Core Temperature Sensor Signal	I	-
2	-	BK/YE	1791	Air Temperature Door Control Low Reference	I	-

B47B FUEL RAIL PRESSURE SENSOR (LTG)

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Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 13503570
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

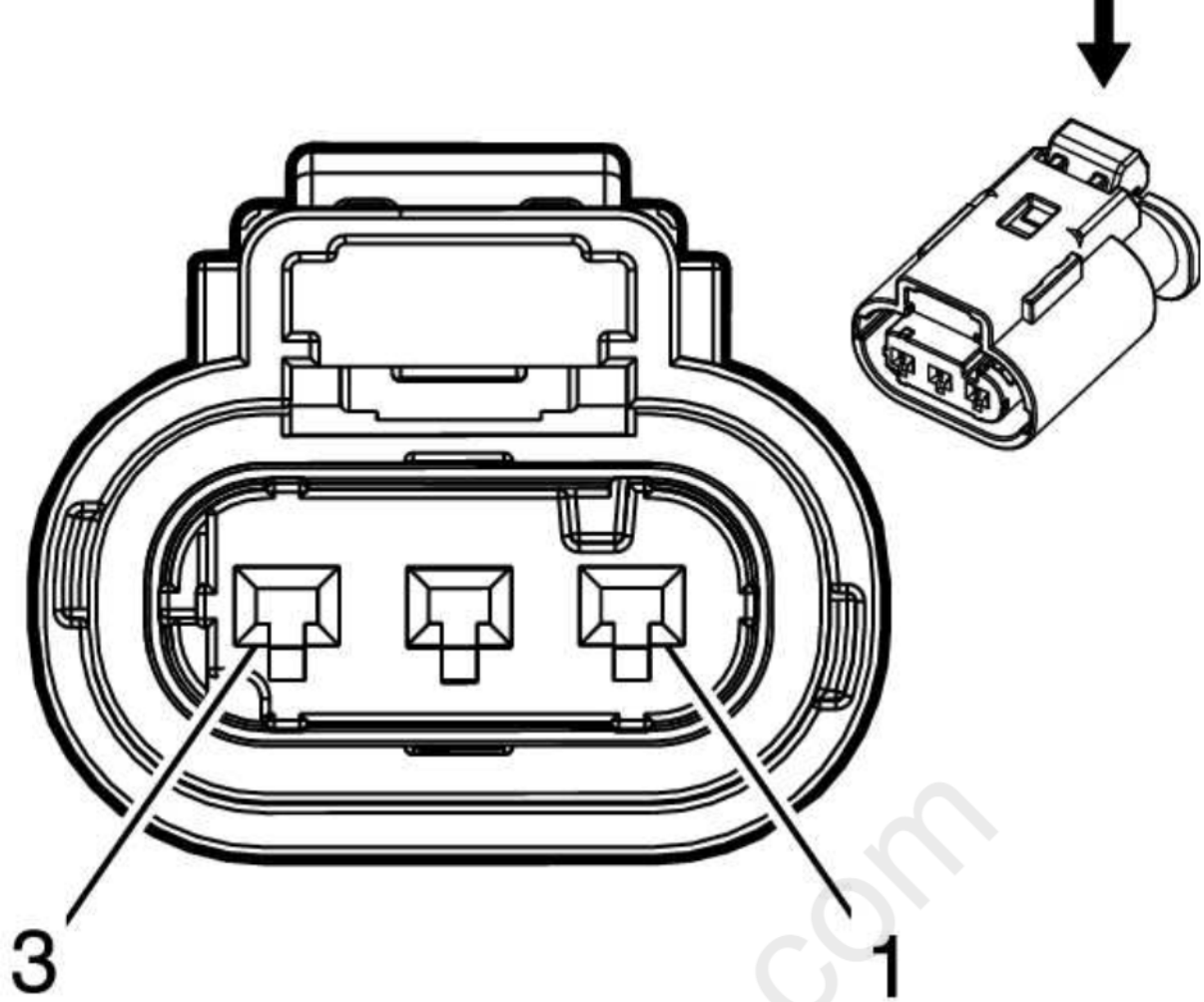
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
2	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
3	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-

B47 FUEL PRESSURE SENSOR

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Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13763990
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

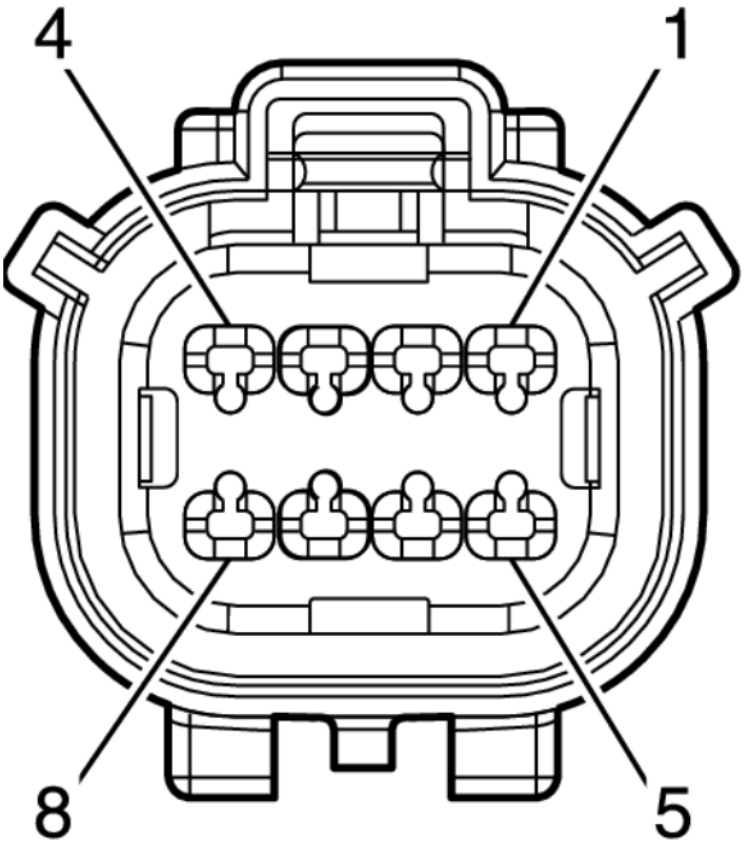
Terminal Part Information

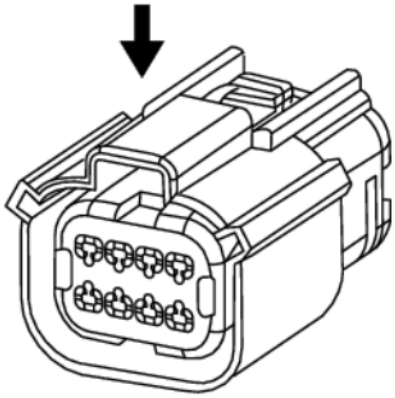
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	I	-
2	0.35	BK/YE	7447	Fuel Line Pressure Sensor Low Reference	I	-
3	0.35	BU/WH	7446	Fuel Line Pressure Sensor Signal	I	-

B52A HEATED OXYGEN SENSOR 1 (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 15500600
- Service Connector: 15500600
- Description: 8-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

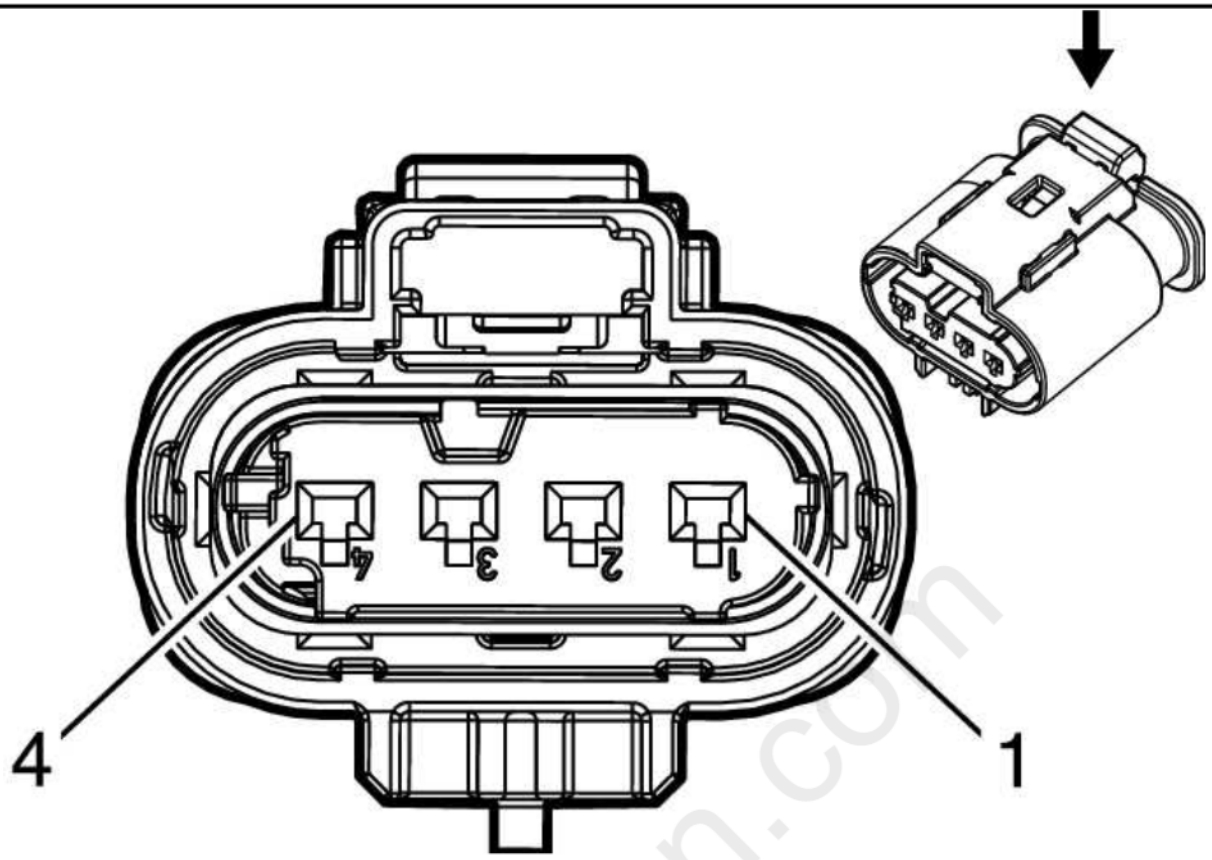
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6934	Heated Oxygen Sensor Ground	I	-
2	0.5	YE/GY	6936	Heated Oxygen Sensor Collector Signal	I	-
3	0.5	BN/WH	6933	Heated Oxygen Sensor Current Pump Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
6	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
7	0.5	GN	6935	Heated Oxygen Sensor Current Adjust Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	-	-	-	Not Occupied	-	-

B52B HEATED OXYGEN SENSOR 2 (LTG)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13815348
- Service Connector: 13587298
- Description: 4-Way F 1.2 Multilock Series, Sealed (L-GY)

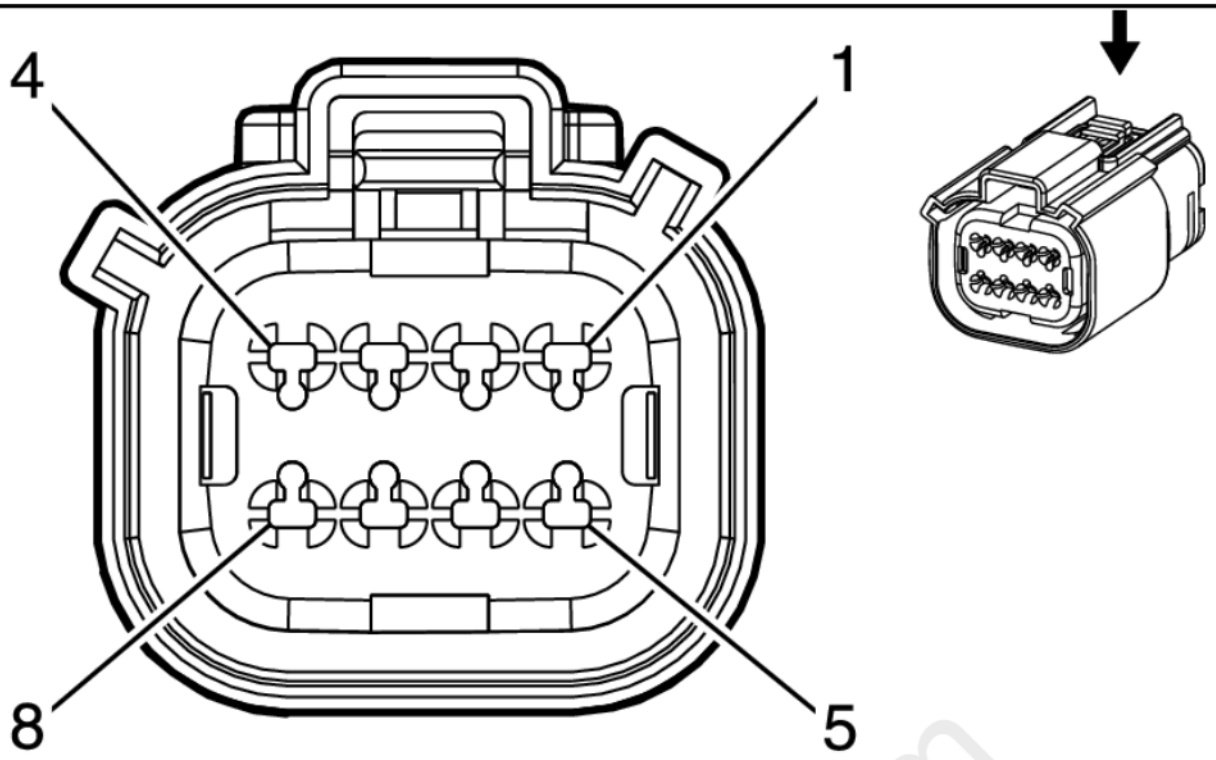
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
2	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
3	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
4	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-

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B52C HEATED OXYGEN SENSOR - BANK 1 SENSOR 1 (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33120823
- Service Connector: 19333334
- Description: 8-Way F 150 MX Series, Sealed (L-GY)

Terminal Part Information

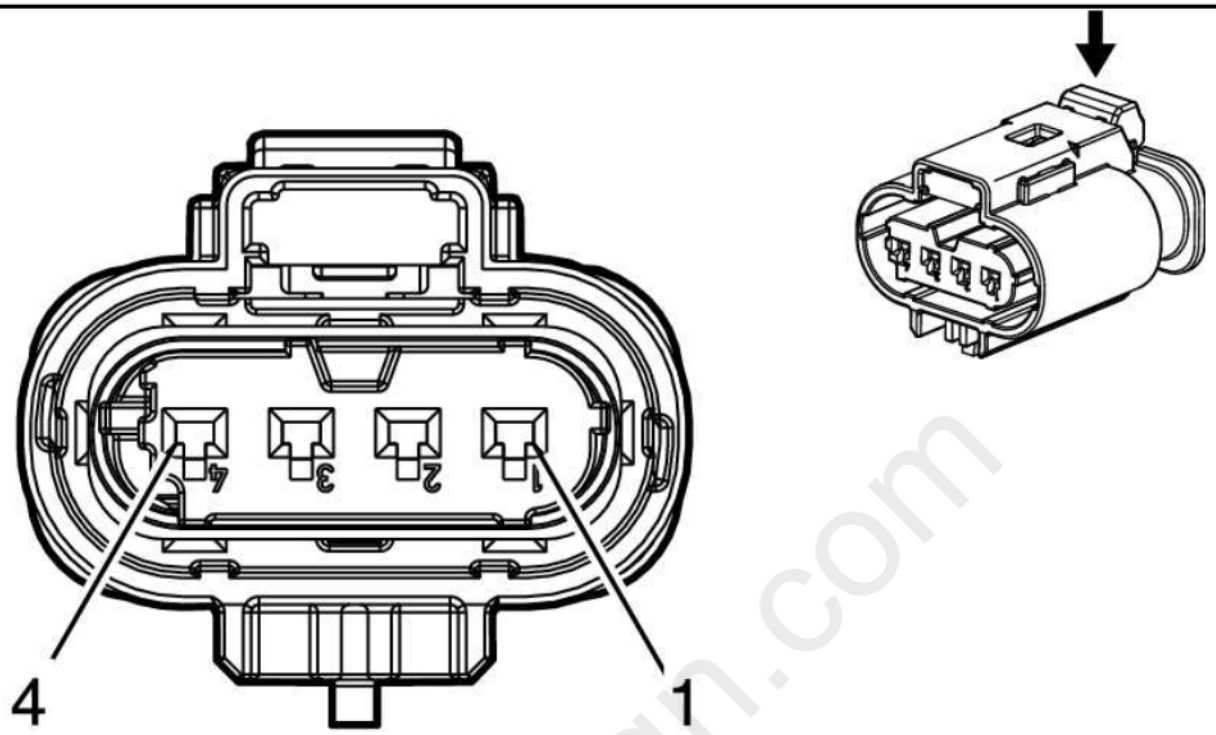
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
2	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-
3	0.5	WH	5279	Heated Oxygen Sensor Pump Current Bank 1 Sensor 1	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
6	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.5	BN/VT	5278	Heated Oxygen Sensor Input Pump Current Bank 1 Sensor 1	I	-
8	-	-	-	Not Occupied	-	-

B52C HEATED OXYGEN SENSOR - BANK 1 SENSOR 1 (LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15532690
- Service Connector: 19330920
- Description: 4-Way M 1.2 Multilock Series, Sealed (GY)

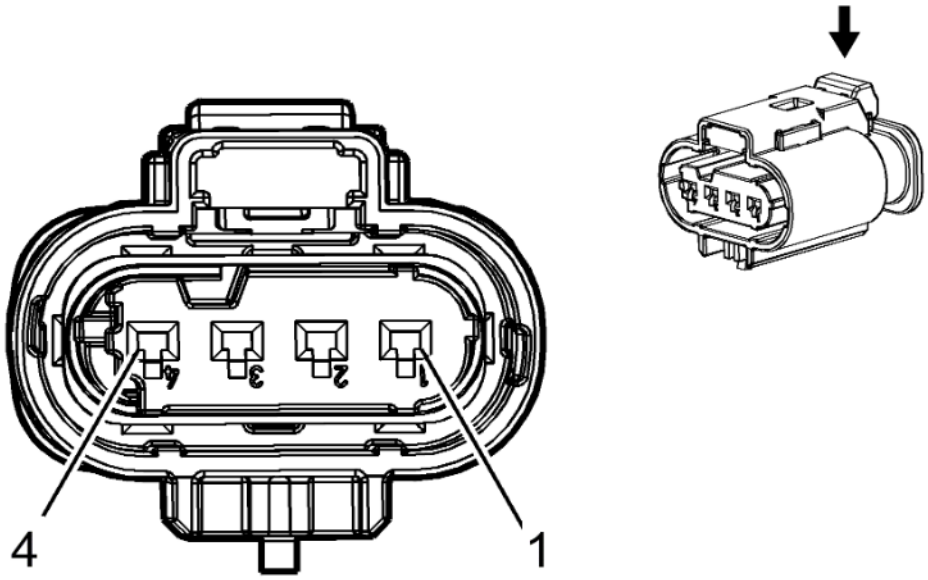
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
4	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-

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B52D HEATED OXYGEN SENSOR - BANK 1 SENSOR 2 (LGW/LGX)



Connector Part Information

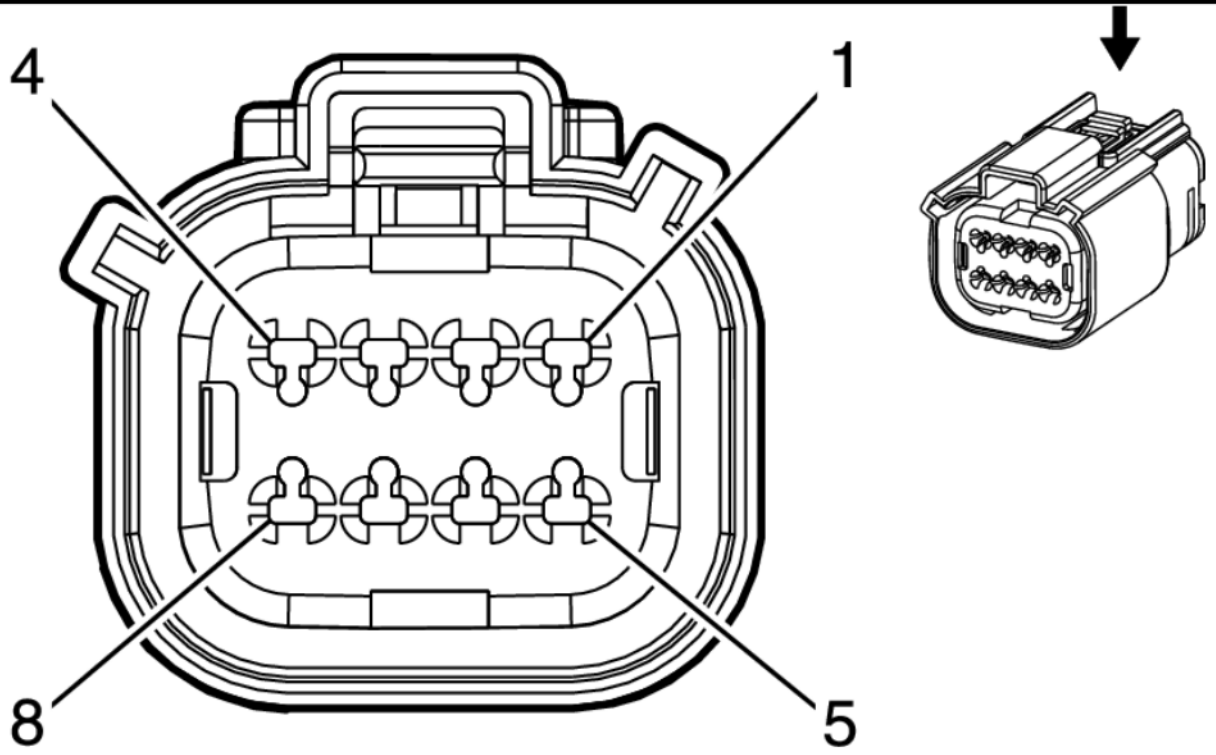
- Harness Type: Engine
- OEM Connector: 15532689
- Service Connector: 19330904
- Description: 4-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	GY/WH WH	3122 3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2 Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I I	LGW LGX
2	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
3	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
4	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-

B52E HEATED OXYGEN SENSOR - BANK 2 SENSOR 1 (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33120823
- Service Connector: 19333334
- Description: 8-Way F 150 MX Series, Sealed (L-GY)

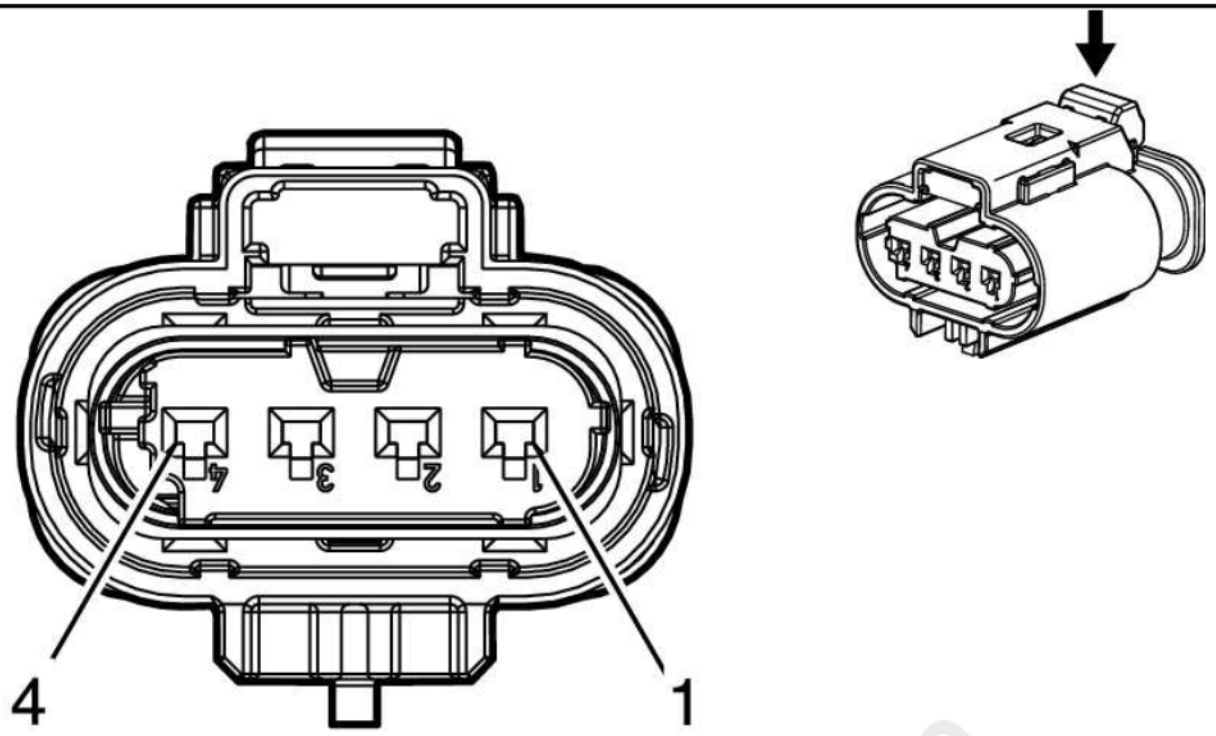
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	I	-
2	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	I	-
3	0.5	VT/GY	5281	Heated Oxygen Sensor Pump Current Bank 2 Sensor 1	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
6	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	I	-
7	0.5	YE	5280	Heated Oxygen Sensor Input Pump Current Bank 2 Sensor 1	I	-
8	-	-	-	Not Occupied	-	-

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B52E HEATED OXYGEN SENSOR - BANK 2 SENSOR 1 (LGX)



Connector Part Information

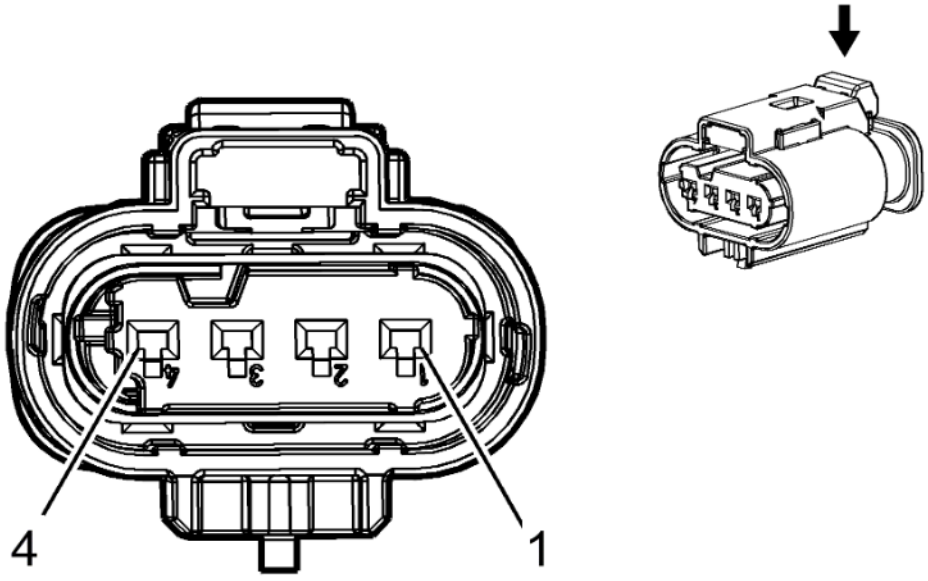
- Harness Type: Engine
- OEM Connector: 15532690
- Service Connector: 19330920
- Description: 4-Way M 1.2 Multilock Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	I	-
2	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	I	-
4	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	I	-

B52F HEATED OXYGEN SENSOR - BANK 2 SENSOR 2 (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15532689
- Service Connector: 19330904
- Description: 4-Way F 1.2 Multilock Series, Sealed (BK)

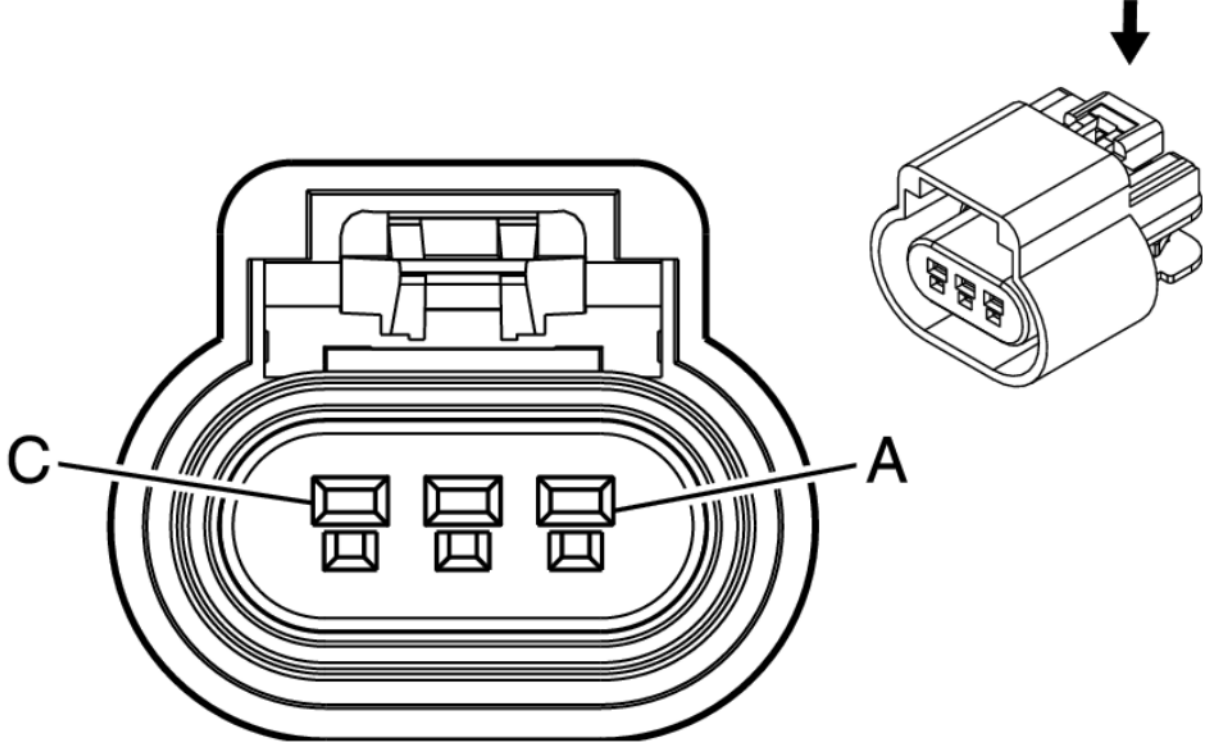
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	I	-
2	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
3	0.5	YE/BU	3221	Heated Oxygen Sensor Low Signal Bank 2 Sensor 2	I	-
4	0.5	VT/GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	I	-

B55 HOOD AJAR SWITCH

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

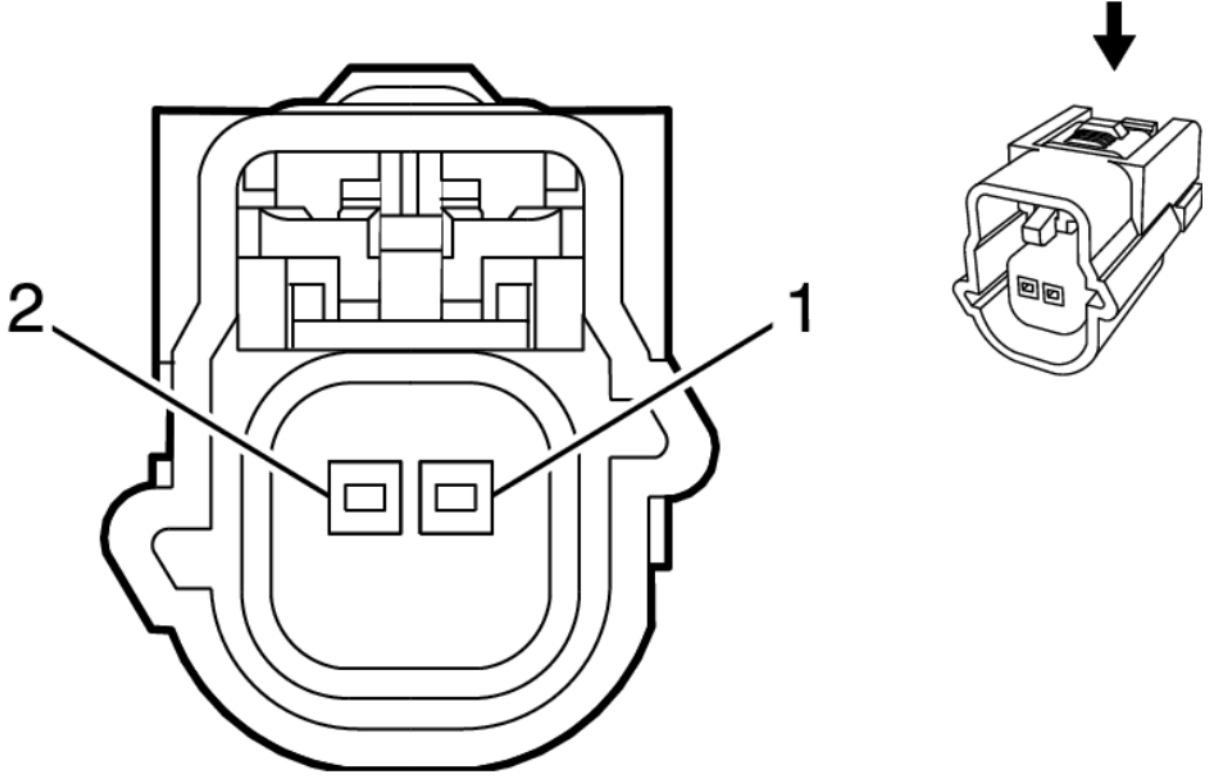
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	YE	4063	Hood Status A Signal	I	-
B	0.35	BN/GN	4064	Hood Status B Signal	I	-
C	0.5	BK	550	Ground	I	-

B59L FRONT IMPACT SENSOR - LEFT

carsign.com



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F 0.64 Series, Sealed (D-GY)

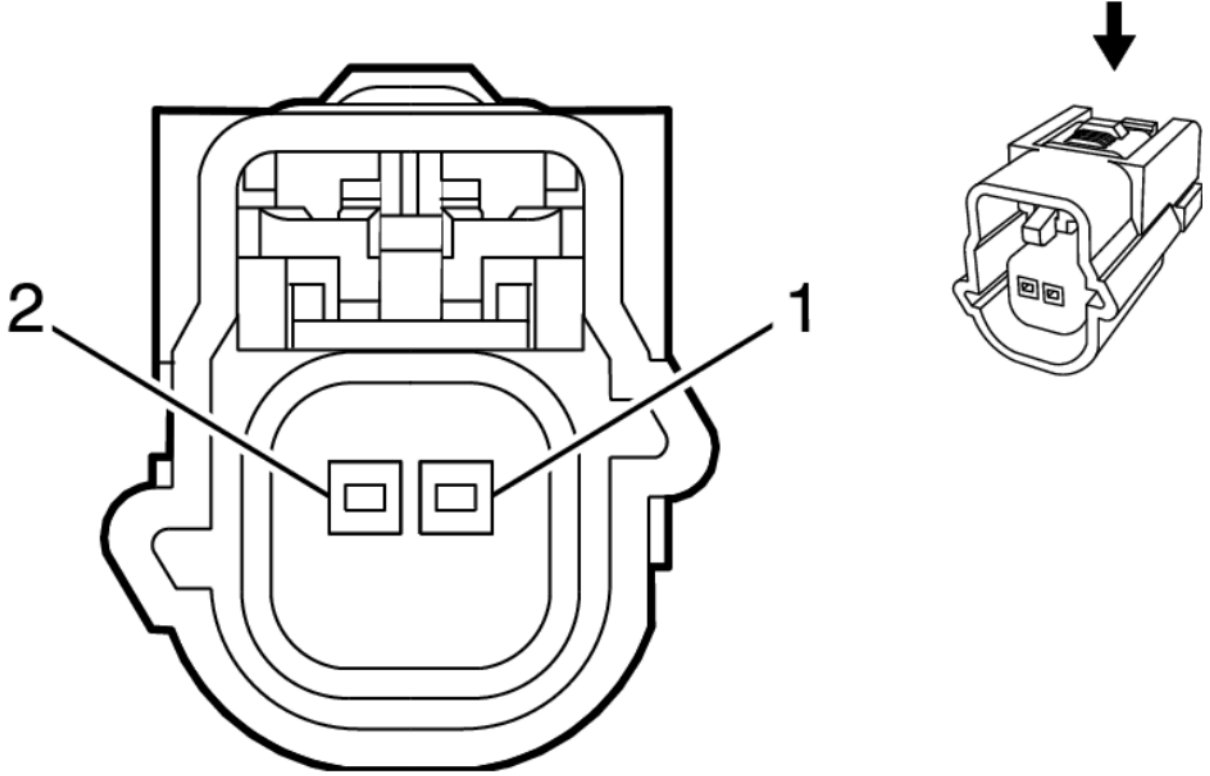
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/YE	354	Left Front Discriminating Sensor Signal	I	-
2	0.5	BK/OG	5045	Left Front Discriminating Sensor Low Reference	I	-

B59R FRONT IMPACT SENSOR - RIGHT

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F 0.64 Series, Sealed (D-GY)

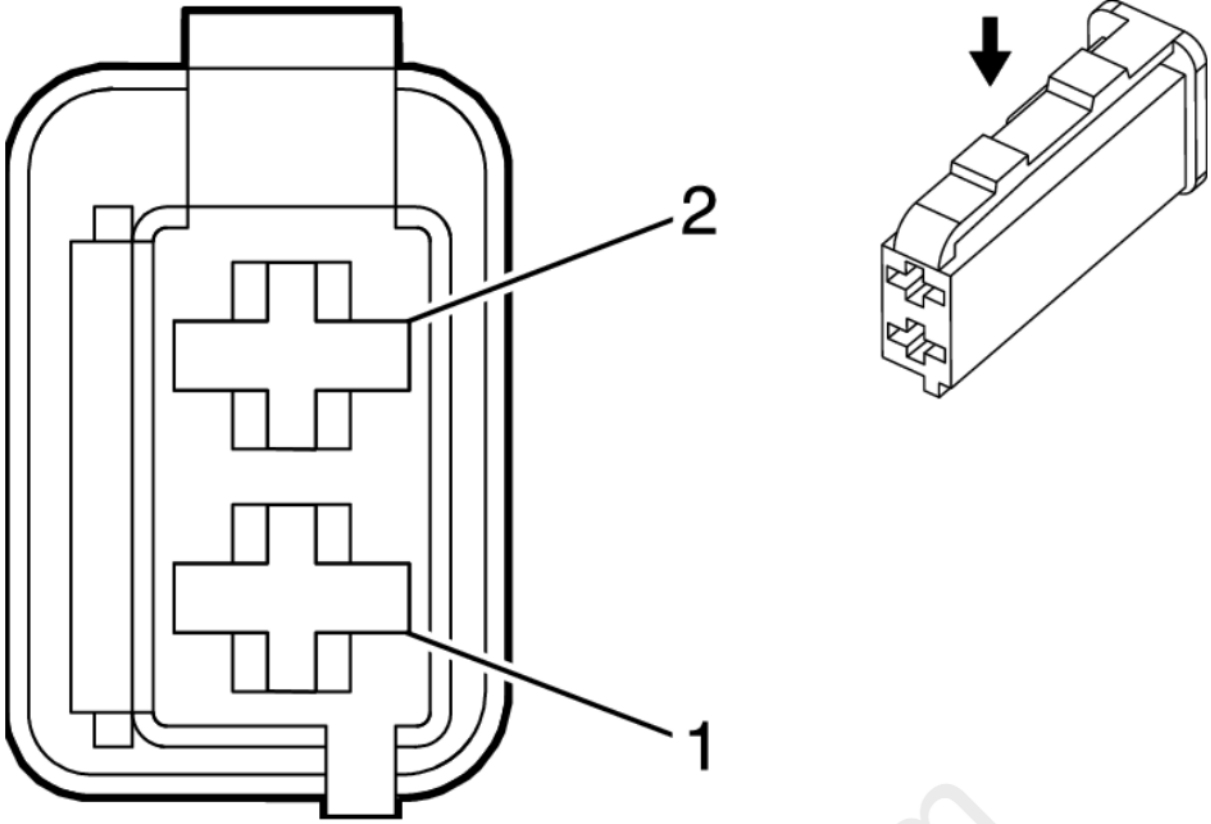
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	1409	Right Front Discriminating Sensor Signal	I	-
2	0.5	BK/OG	5600	Right Front Discriminating Sensor Low Reference	I	-

B61P SEAT BELT TENSION SENSOR - PASSENGER

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13670097
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

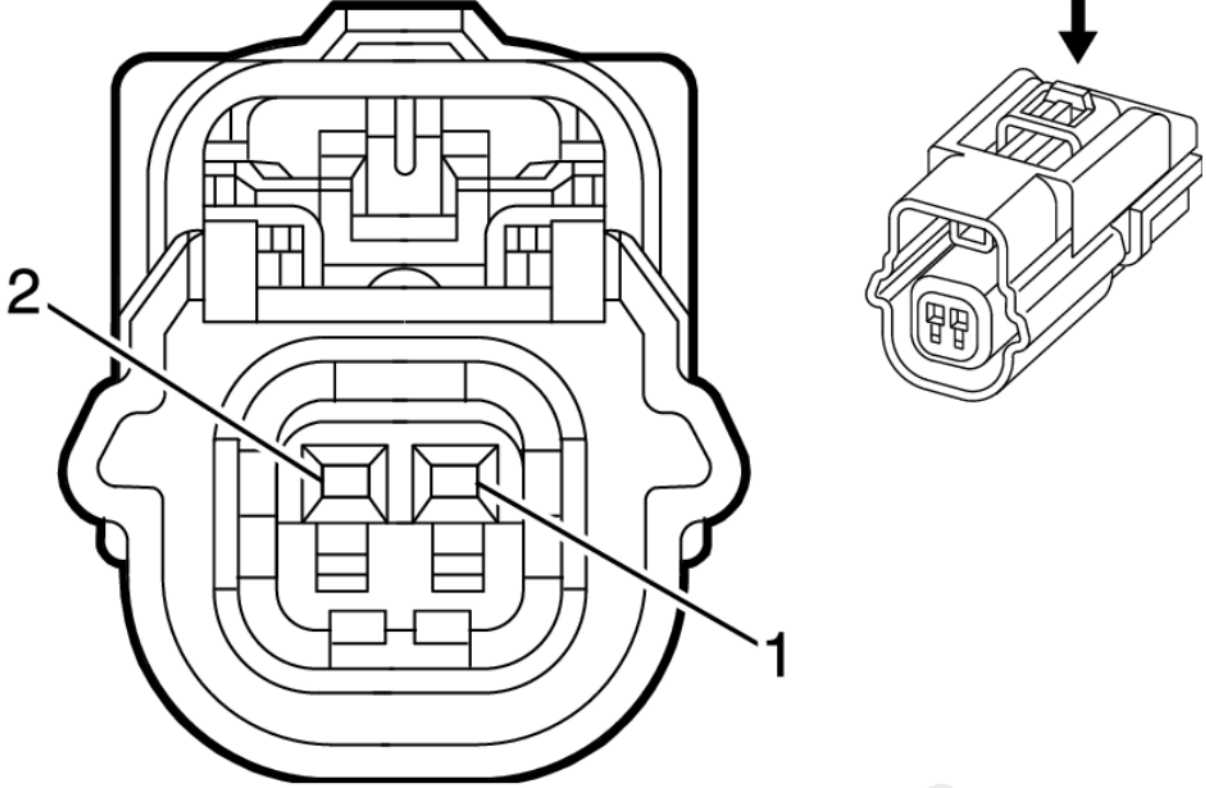
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/OG	3946	Automatic Locking Retractor Switch Low Reference	I	-
2	0.35	OG/BN	3947	Automatic Locking Retractor Switch Signal	I	-

B62P SEAT POSITION SENSOR - PASSENGER

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 89047381
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Kaizen Series, Sealed (BK)

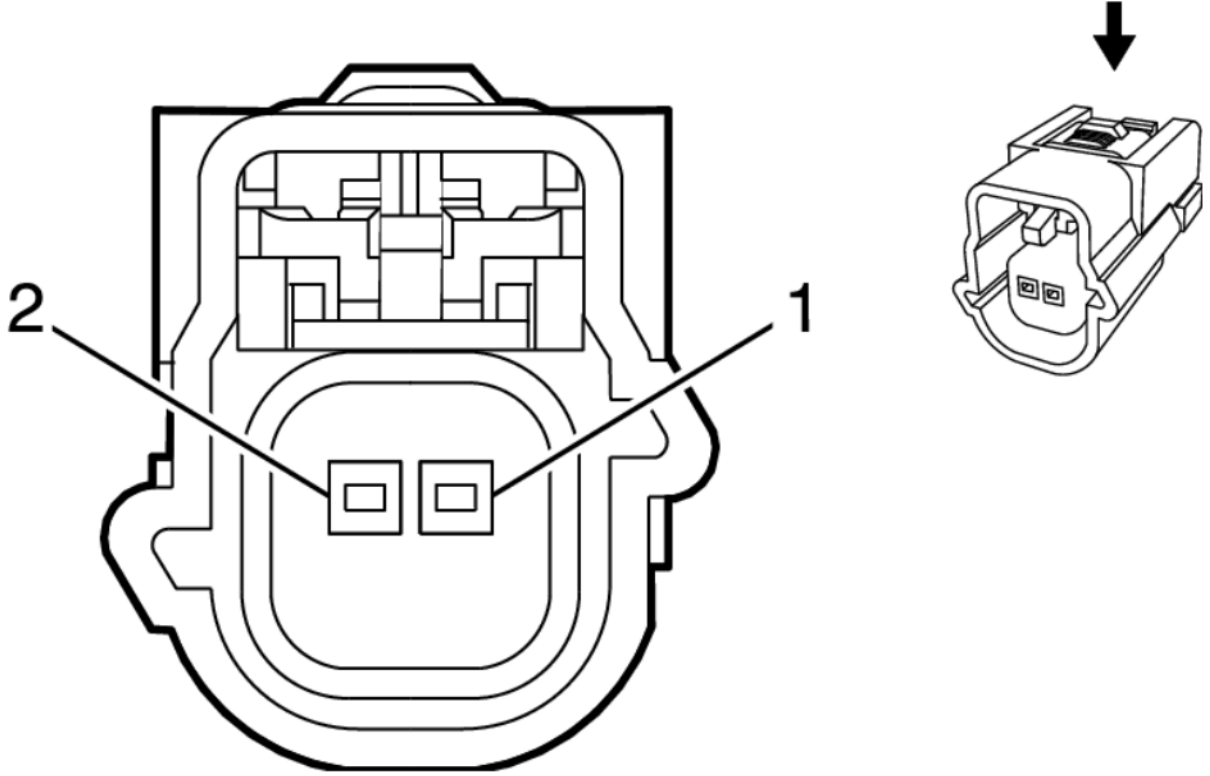
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
2	-	OG/BU	5056	Passenger Seat Position Switch Signal	I	-

B63LF SIDE IMPACT SENSOR - LEFT FRONT

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13593078
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

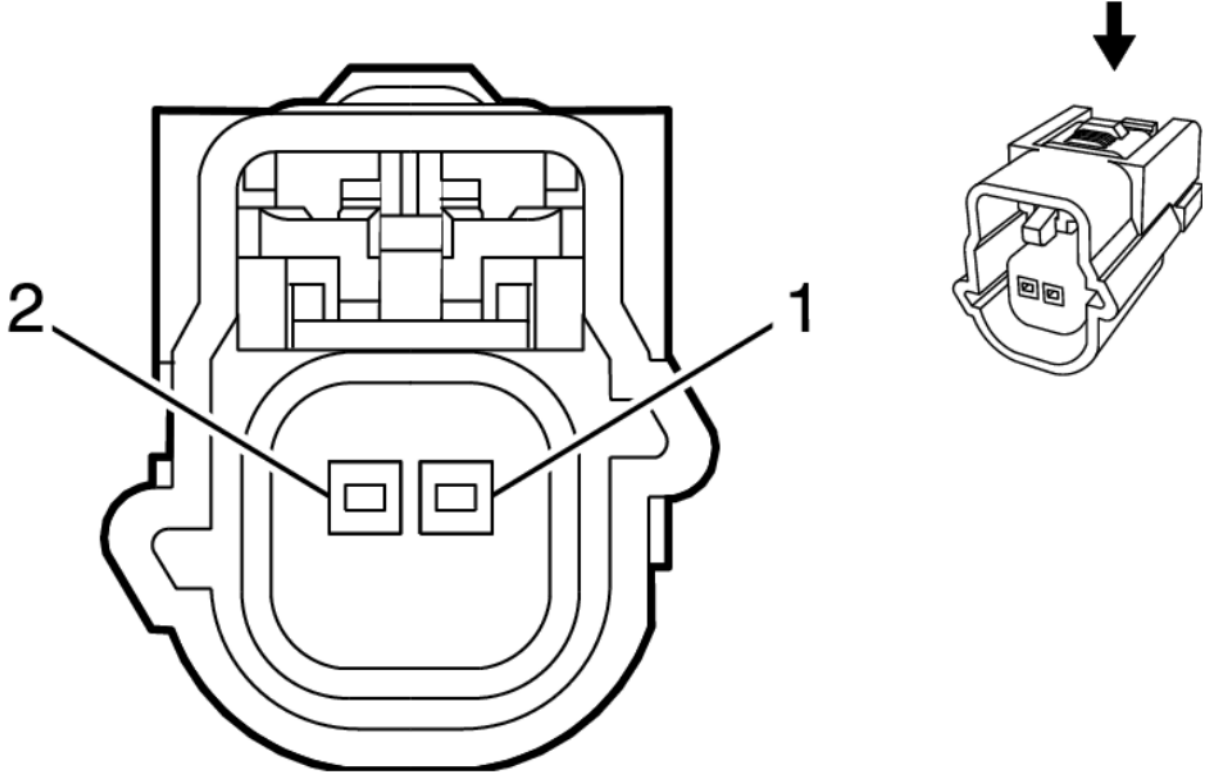
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	-

B63LR SIDE IMPACT SENSOR - LEFT REAR

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F 0.64 Series, Sealed (D-GY)

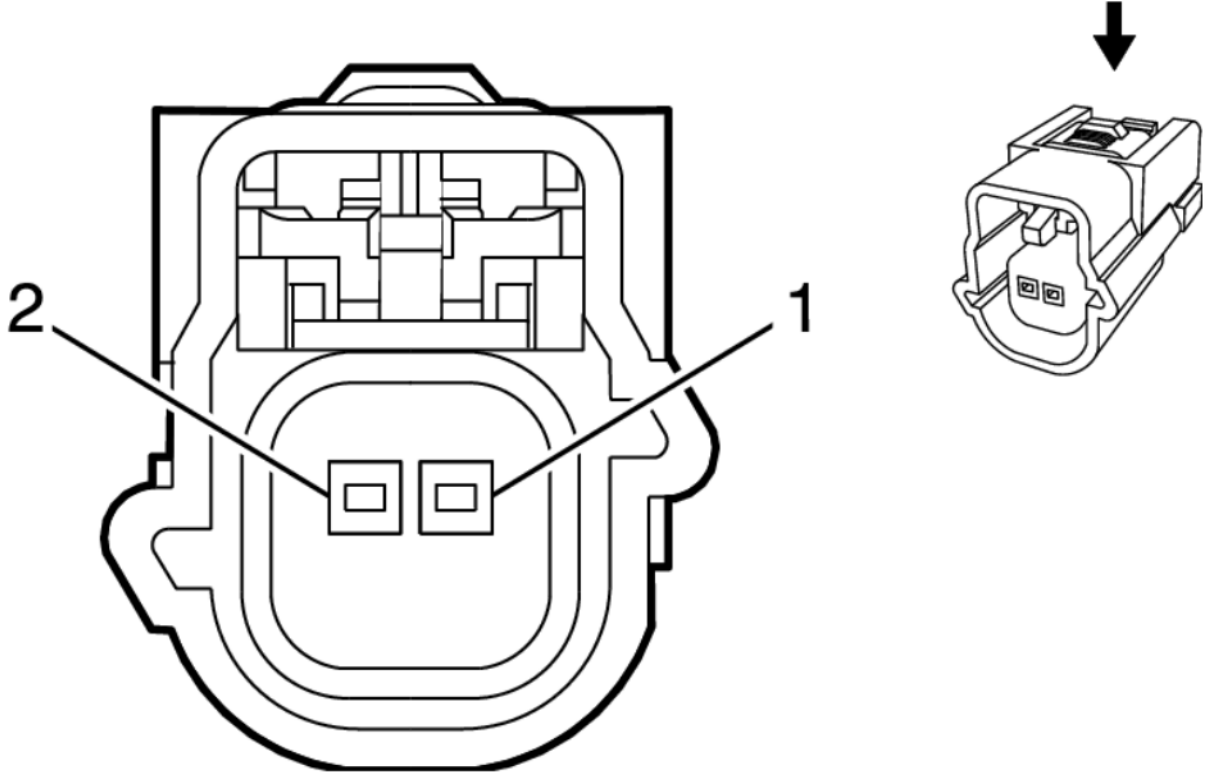
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	6620	Left Middle Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6621	Left Middle Side Impact Sensing Module Low Reference	I	-

B63RF SIDE IMPACT SENSOR - RIGHT FRONT

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13593078
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

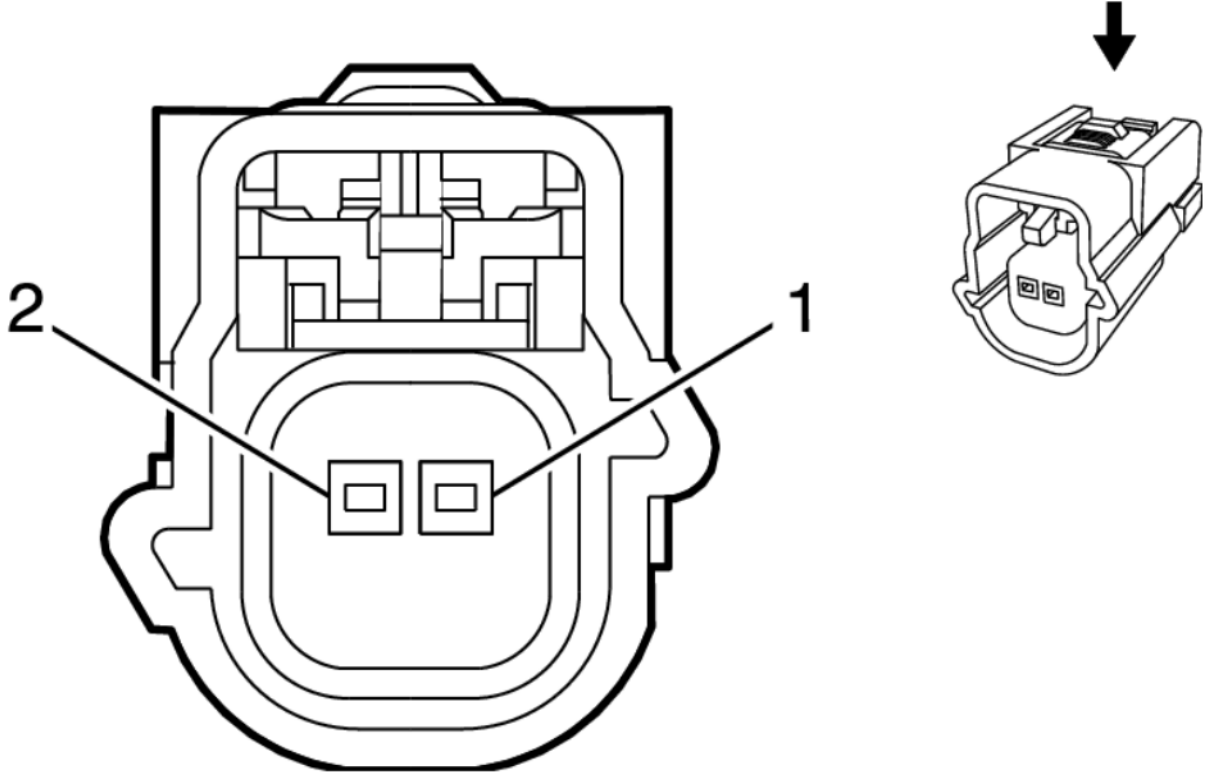
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	-

B63RR SIDE IMPACT SENSOR - RIGHT REAR

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F 0.64 Series, Sealed (D-GY)

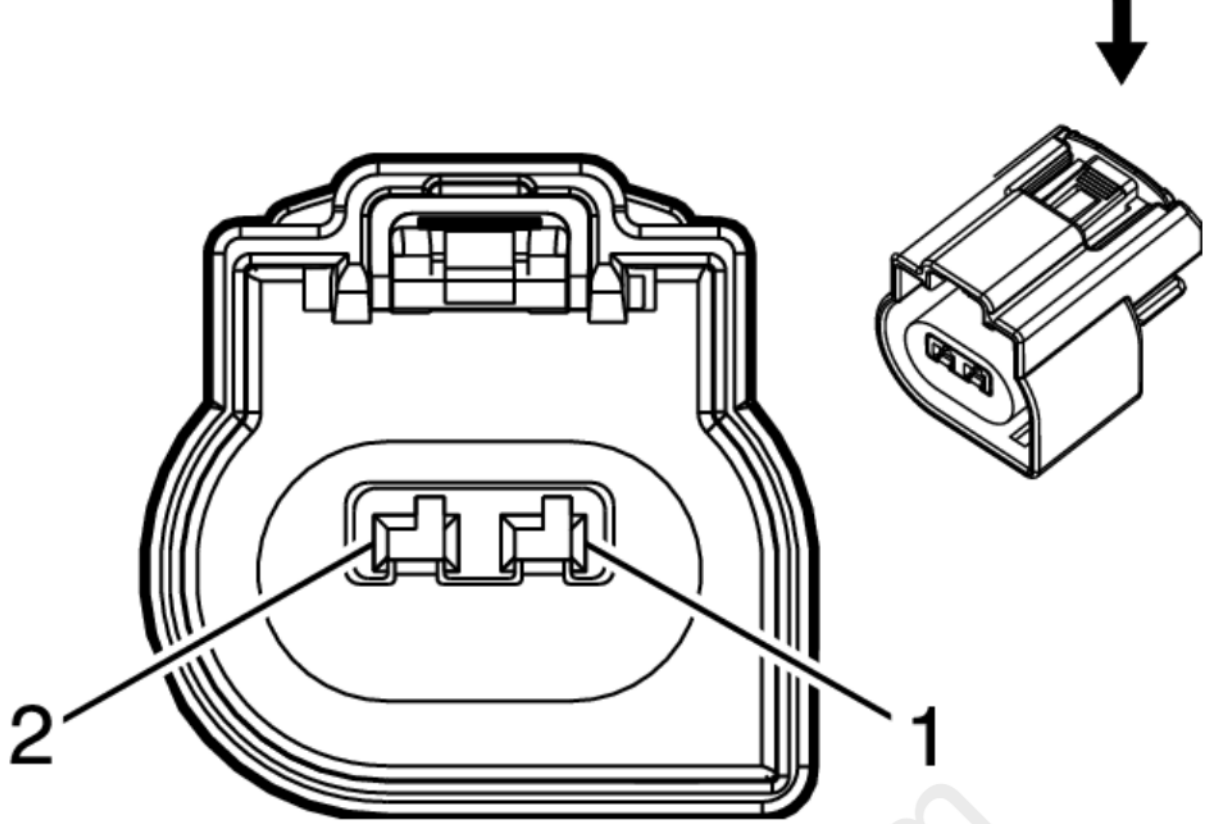
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	6624	Right Middle Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6625	Right Middle Side Impact Sensing Module Low Reference	I	-

B68A KNOCK SENSOR 1 (LGW)

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Connector Part Information

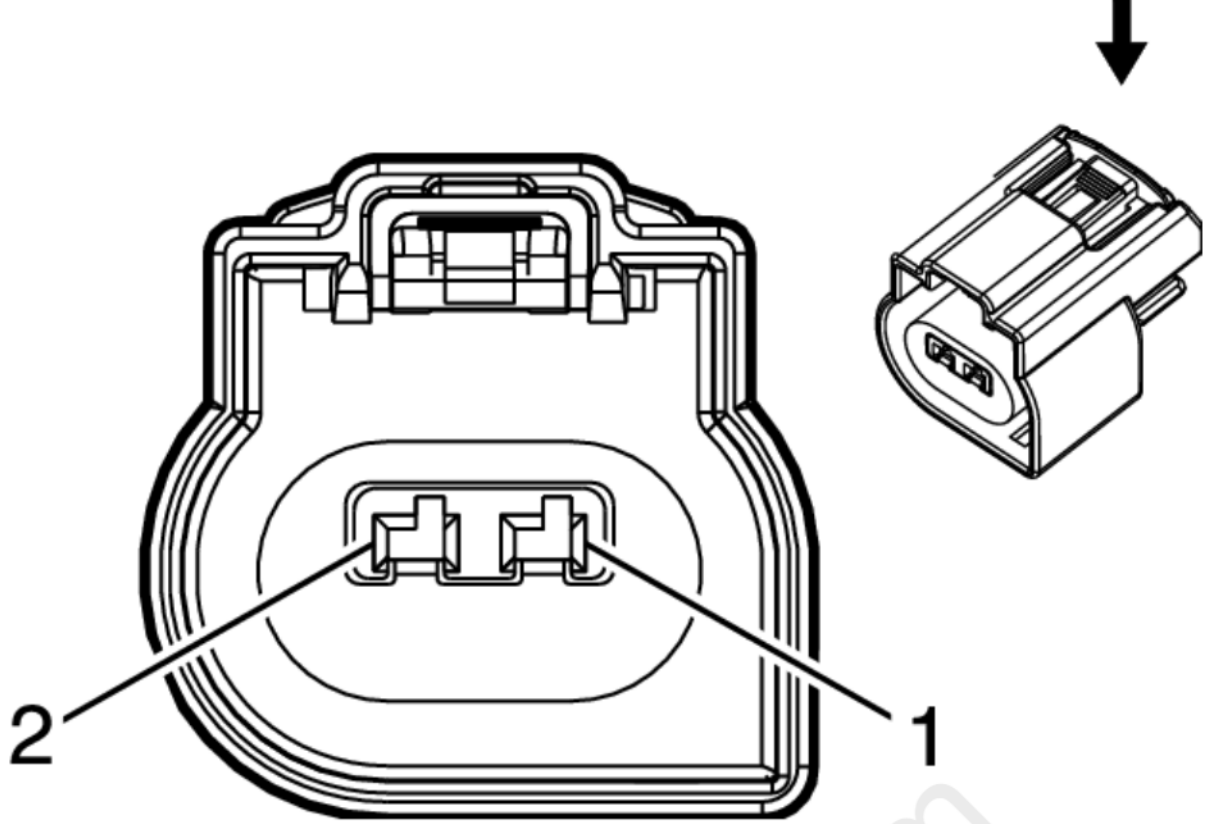
- Harness Type: Engine Jumper
- OEM Connector: 13583154
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GY	496	Knock Sensor Signal 1	I	-
2	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-

B68A KNOCK SENSOR 1 (LGX/LTG)



Connector Part Information

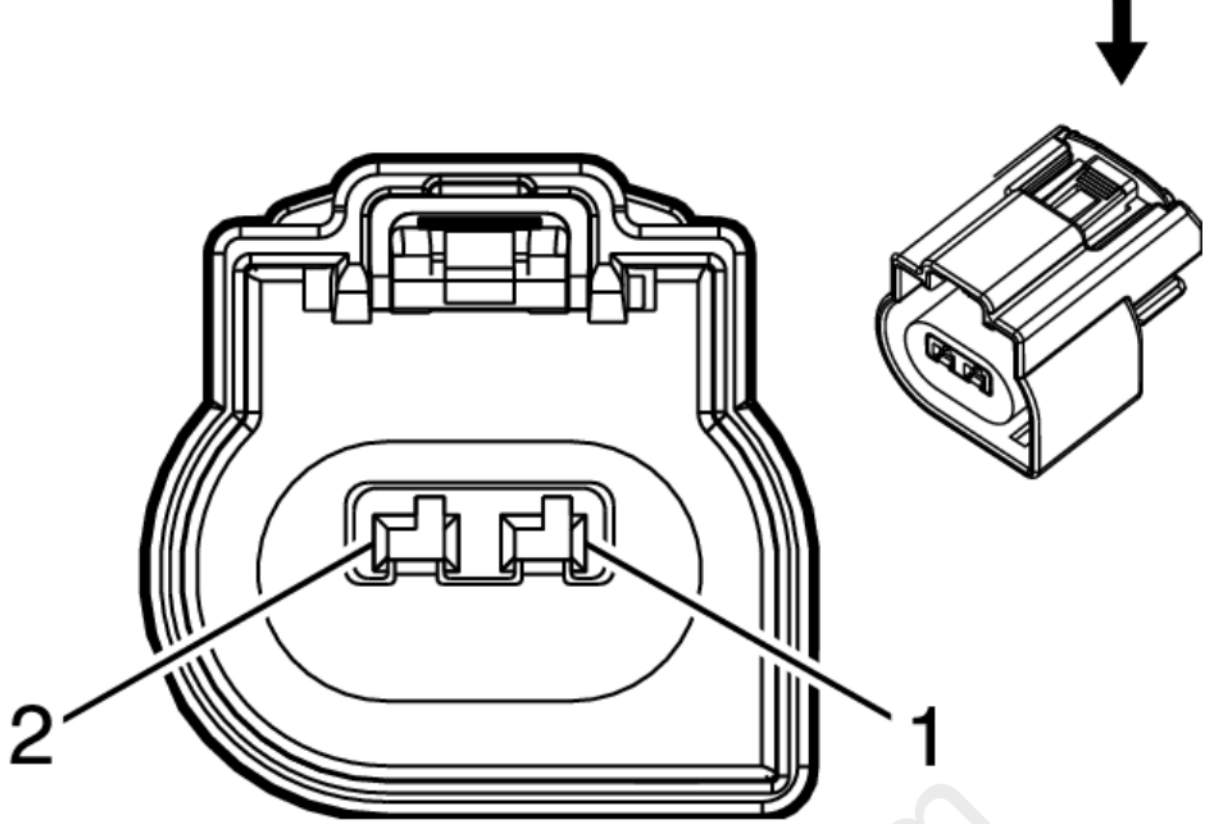
- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GY	496	Knock Sensor Signal 1	I	-
2	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-

B68B KNOCK SENSOR 2 (LGW)



Connector Part Information

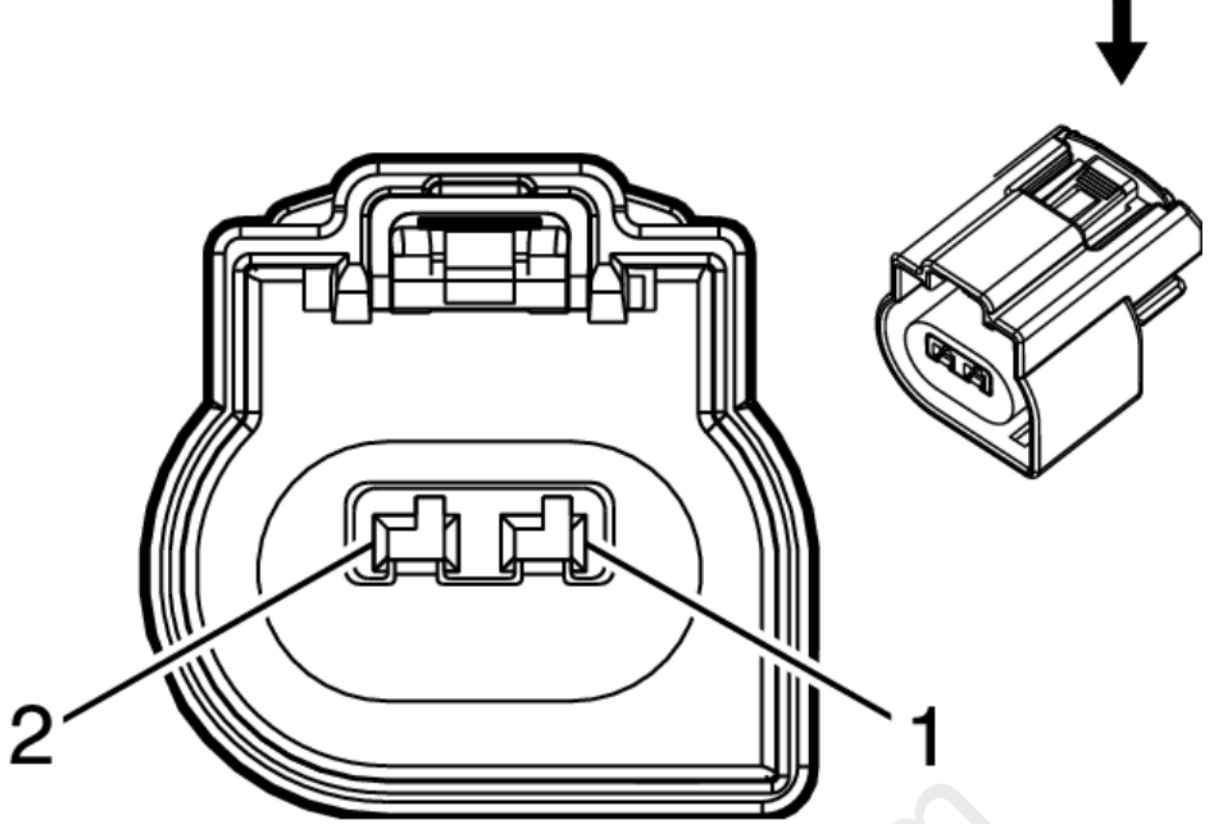
- Harness Type: Engine Jumper
- OEM Connector: 13583154
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
2	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-

B68B KNOCK SENSOR 2 (LGX/LTG)



Connector Part Information

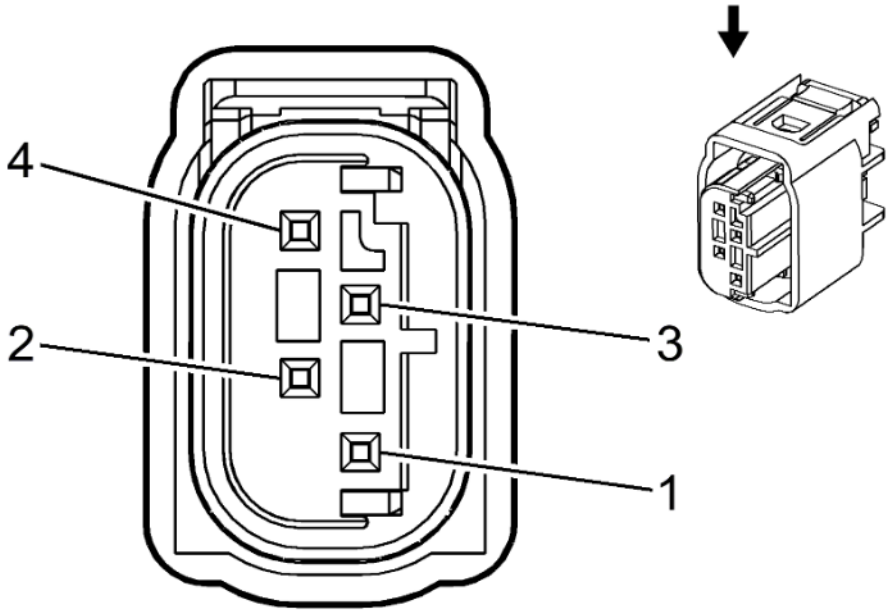
- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
2	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-

B70 LIFTGATE CLOSE SWITCH (TC2/TL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13679454
- Service Connector: 13314098
- Description: 4-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

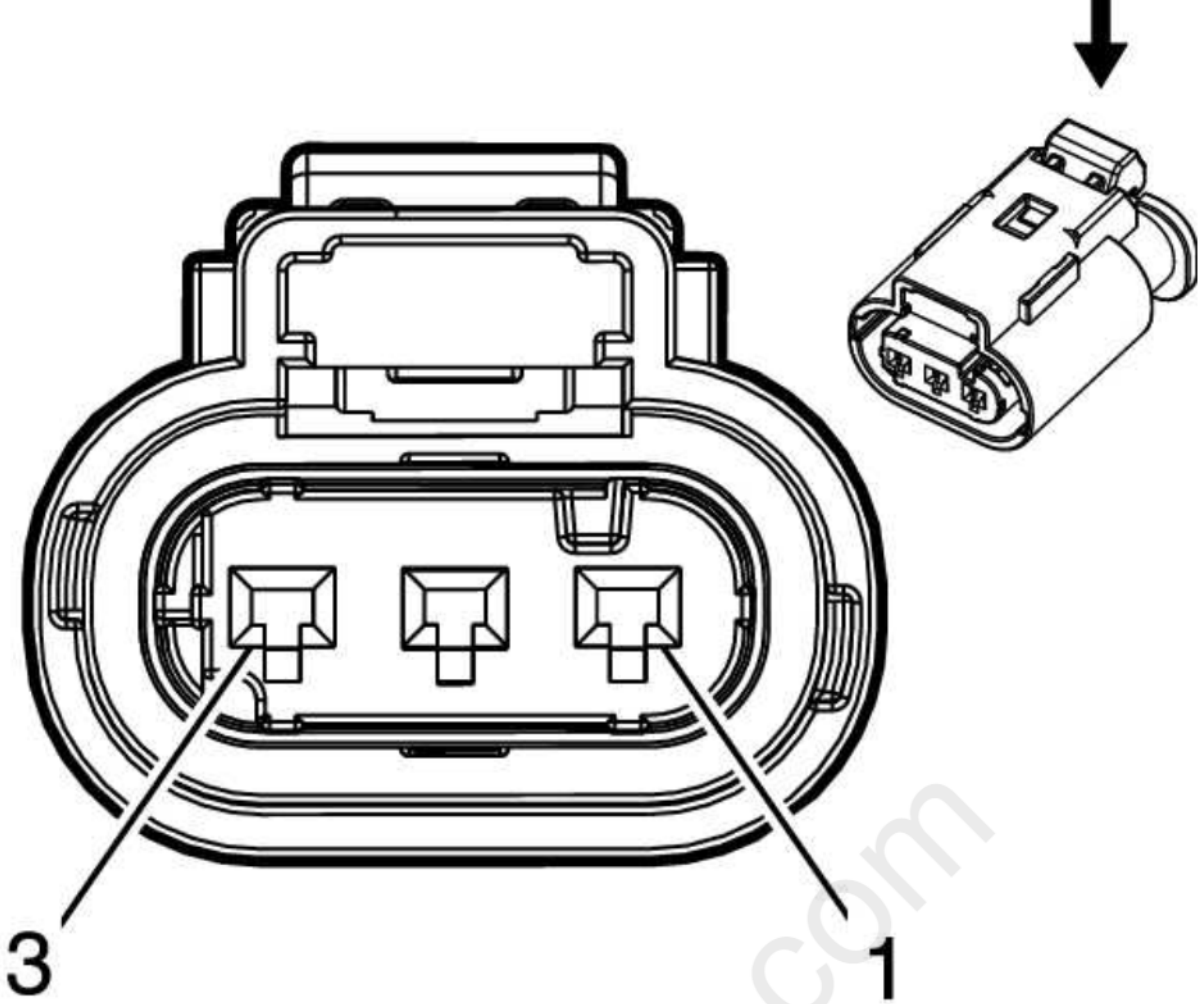
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-
2	0.35	GY/WH	3034	Lift Gate Shut Face Switch LED Control	I	-
3	0.35	GN	3033	Lift Gate Shut Face Switch Signal	I	-
4	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LGW/LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

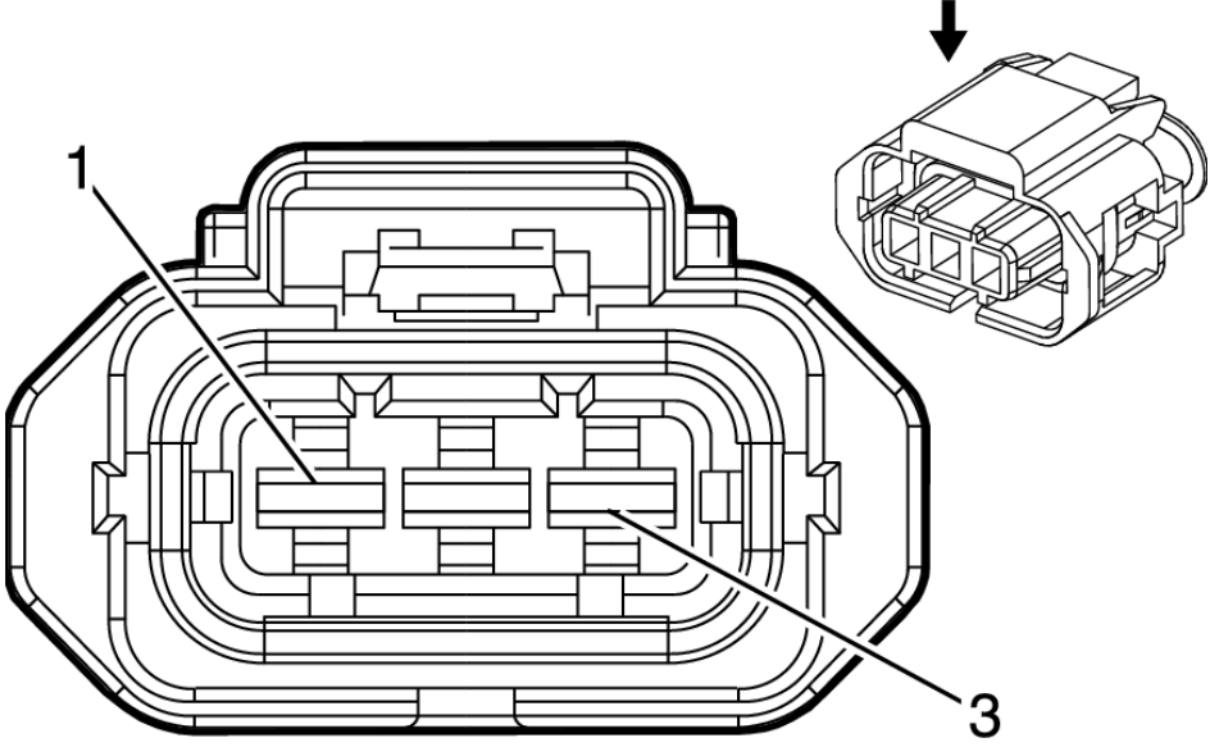
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
2	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-
3	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-

B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LTG)

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Connector Part Information

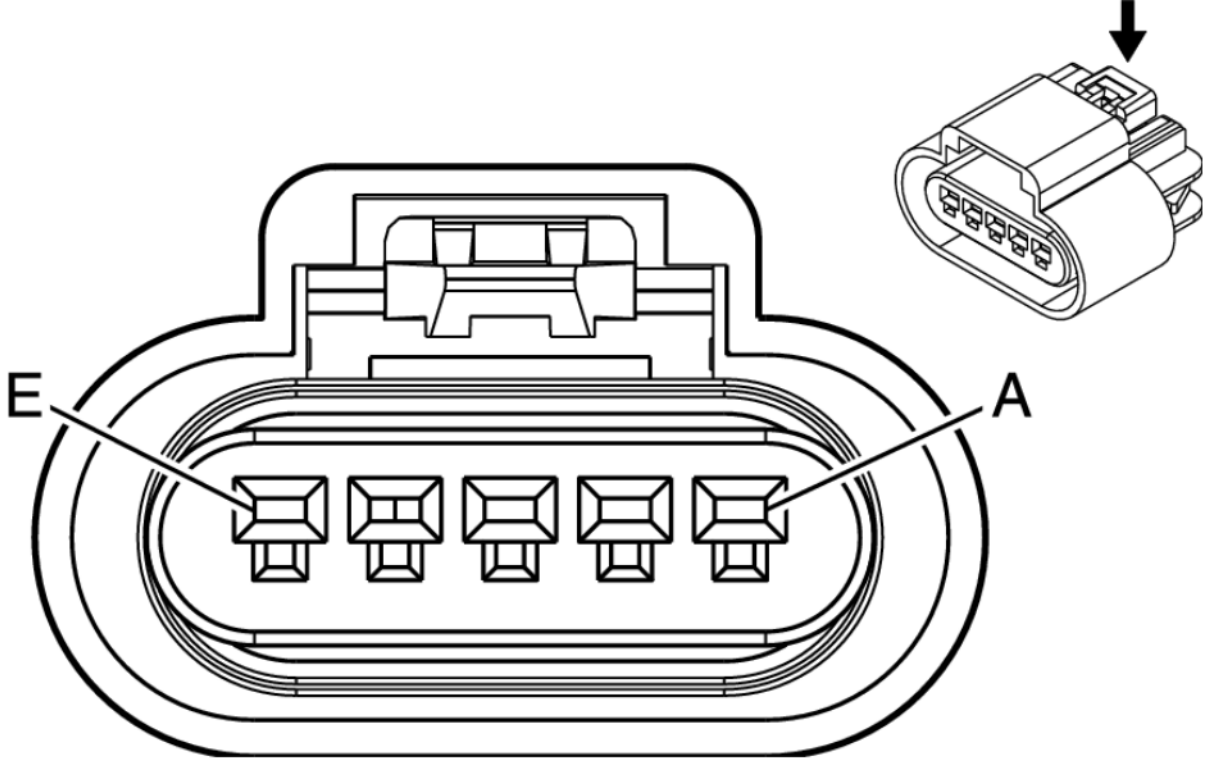
- Harness Type: Engine
- OEM Connector: 15345983
- Service Connector: 13580231
- Description: 3-Way F 2.8 Junior Power Timer Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
2	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-
3	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-

B75B MASS AIR FLOW/INTAKE AIR TEMPERATURE SENSOR (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13519051
- Service Connector: 13585858
- Description: 5-Way F 150 GT Series, Sealed (BK)

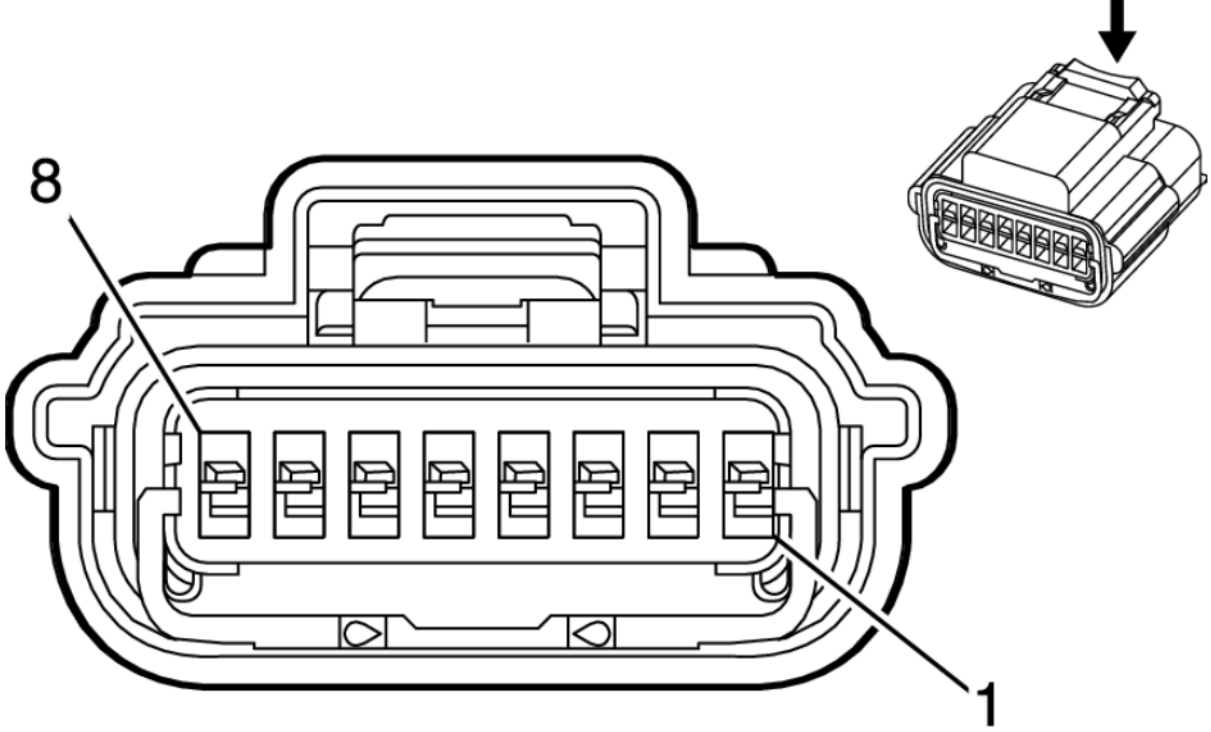
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-
B	0.5	BK/WH	451	Signal Ground	I	-
C	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
D - E	-	-	-	Not Occupied	-	-

B75C MULTIFUNCTION INTAKE AIR SENSOR (LGW)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13774439
- Service Connector: 13583440
- Description: 8-Way F 0.64 Series, Sealed (BK)

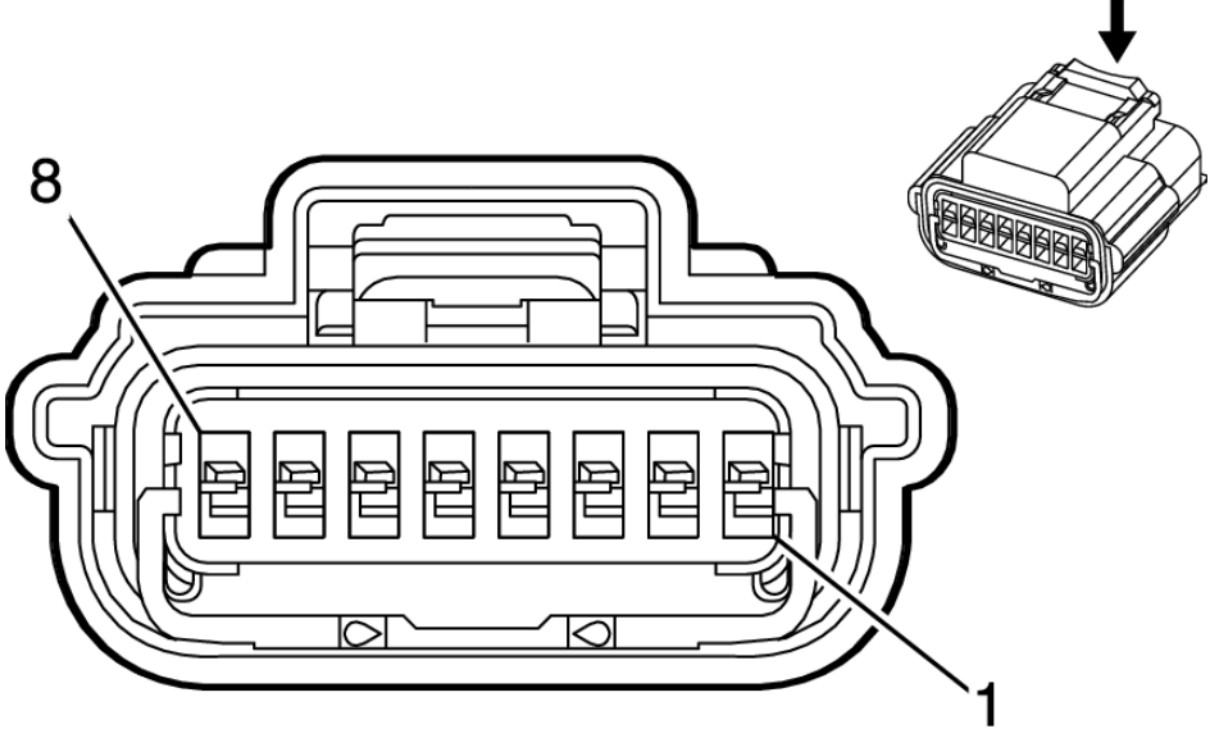
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
2	0.5	BU/RD	3056	Turbo Intake Pressure Sensor High Reference Bank 2	I	LGW
3	0.5	BK/WH	2051	Signal Ground	I	LGW
4	0.5	GN	3057	Turbo Intake Pressure Sensor Signal Bank 2	I	LGW
5	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
6	0.5	YE/BK	7337	Mass Air Flow Sensor Signal 2	I	LGW
7	0.5	BK/WH	451	Signal Ground	I	-
8	0.5	BN/GY	4008	Humidity Sensor Signal	I	-

B75C MULTIFUNCTION INTAKE AIR SENSOR (LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13774439
- Service Connector: 13583440
- Description: 8-Way F 0.64 Series, Sealed (BK)

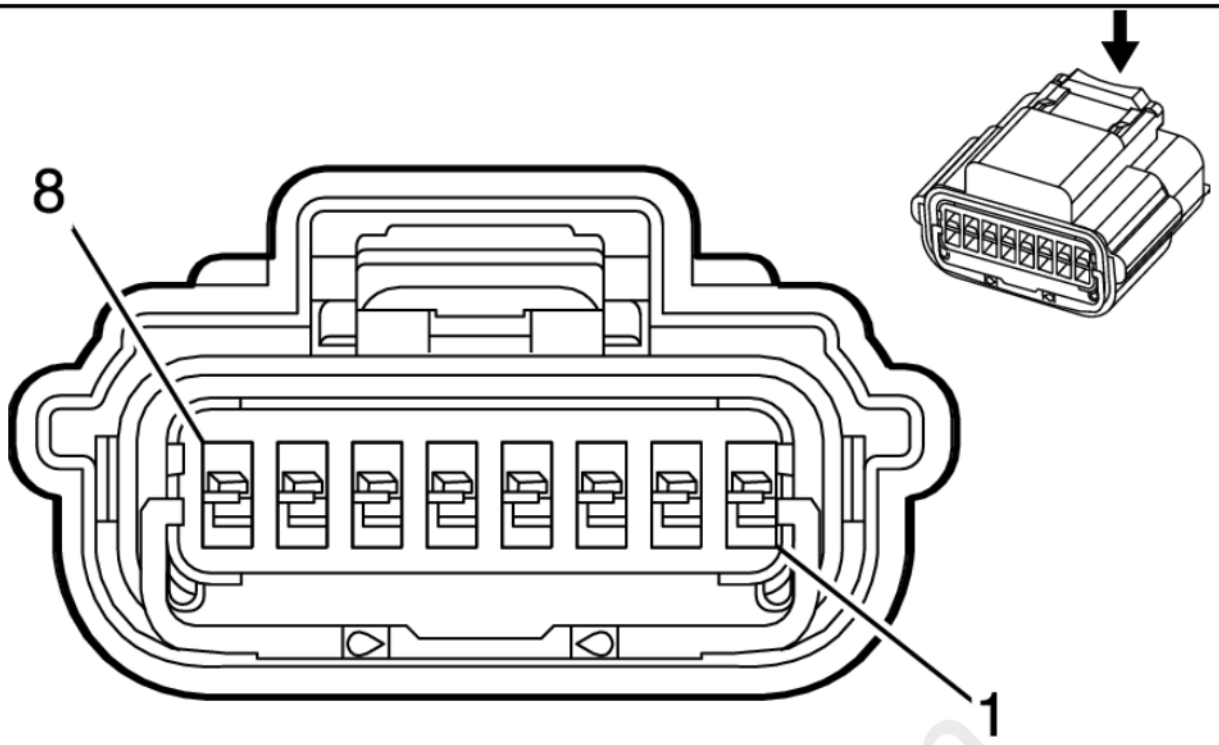
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
2	0.5	WH/RD	3201	Throttle Inlet Absolute Pressure Sensor 5V Reference	I	LGX
3	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	LGX/LTG
4	0.5	YE/WH	3200	Throttle Inlet Absolute Pressure Sensor Signal	I	LGX
5	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
6	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	LGX/LTG
7	0.5	BK/WH	451	Signal Ground	I	-
8	0.5	BN/GY	4008	Humidity Sensor Signal	I	-

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B75C MULTIFUNCTION INTAKE AIR SENSOR (LTG)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13774439
- Service Connector: 13583440
- Description: 8-Way F 0.64 Series, Sealed (BK)

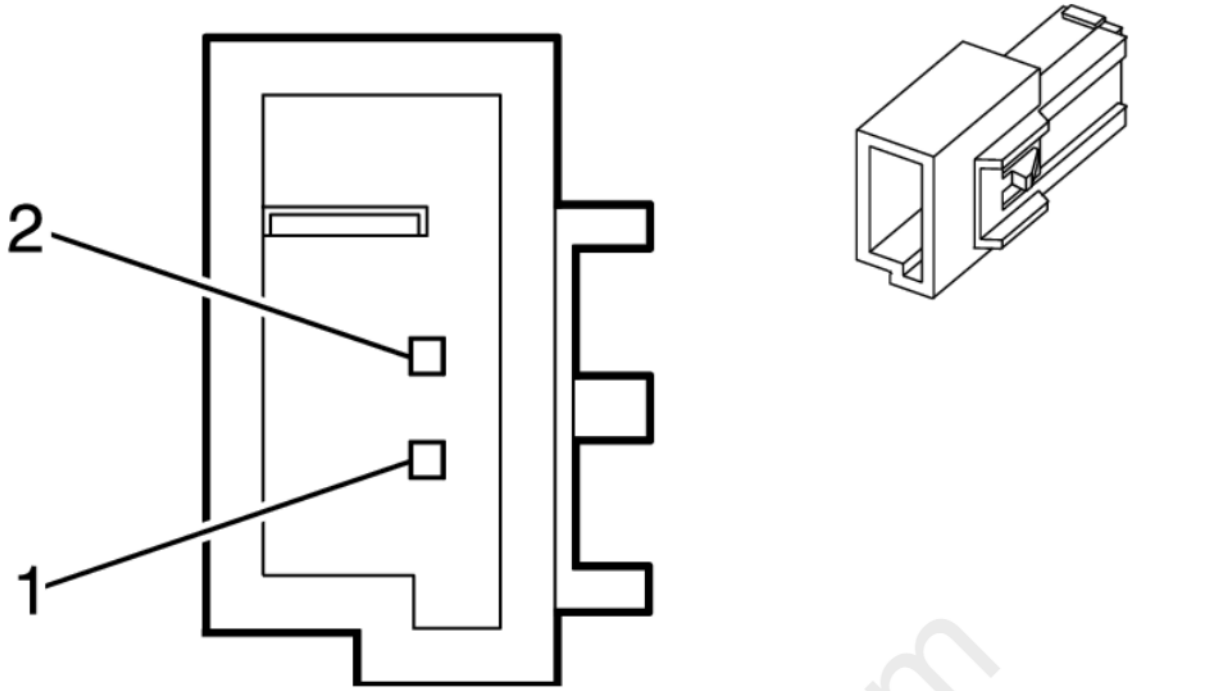
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
2	0.5	GY/RD	3053	Turbo Intake Pressure Sensor High Reference Bank 1	I	LTG
3	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	LGX/LTG
4	0.5	YE	3054	Turbo Intake Pressure Sensor Signal Bank 1	I	LTG
5	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
6	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	LGX/LTG
7	0.5	BK/WH	451	Signal Ground	I	-
8	0.5	BN/GY	4008	Humidity Sensor Signal	I	-

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B77LF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - LEFT FRONT



Connector Part Information

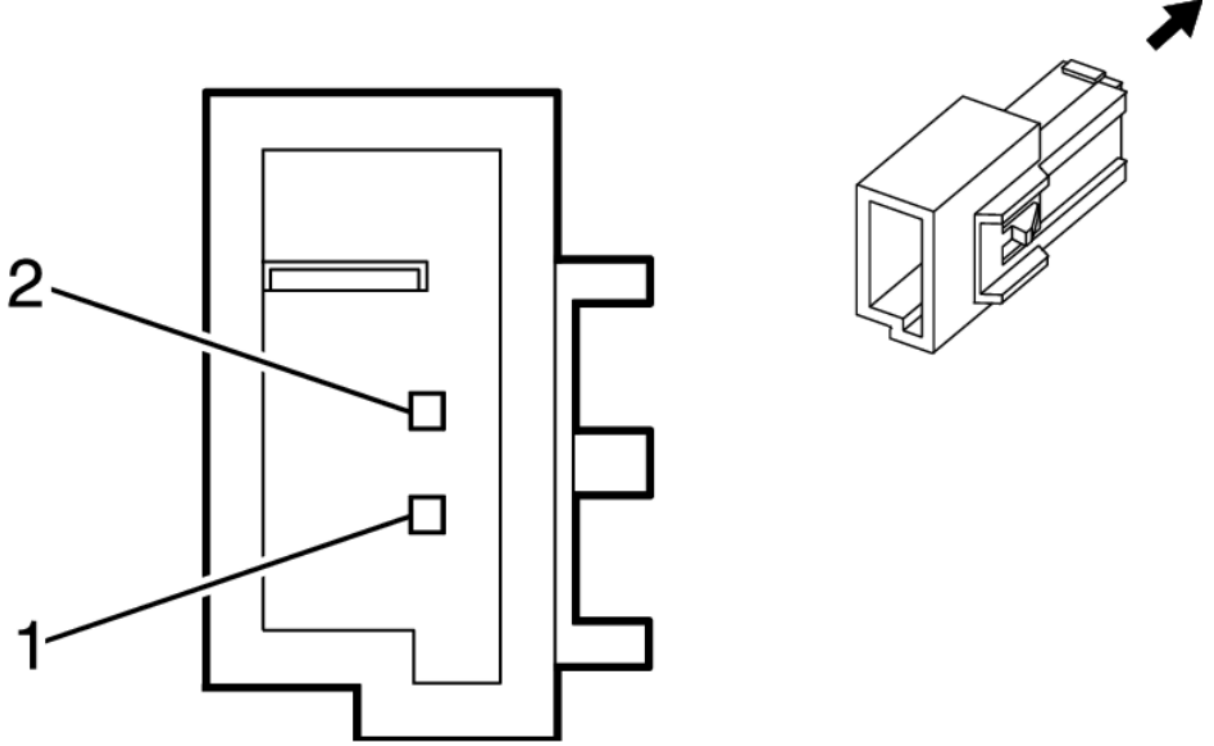
- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-
2	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-

B77R RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - REAR



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

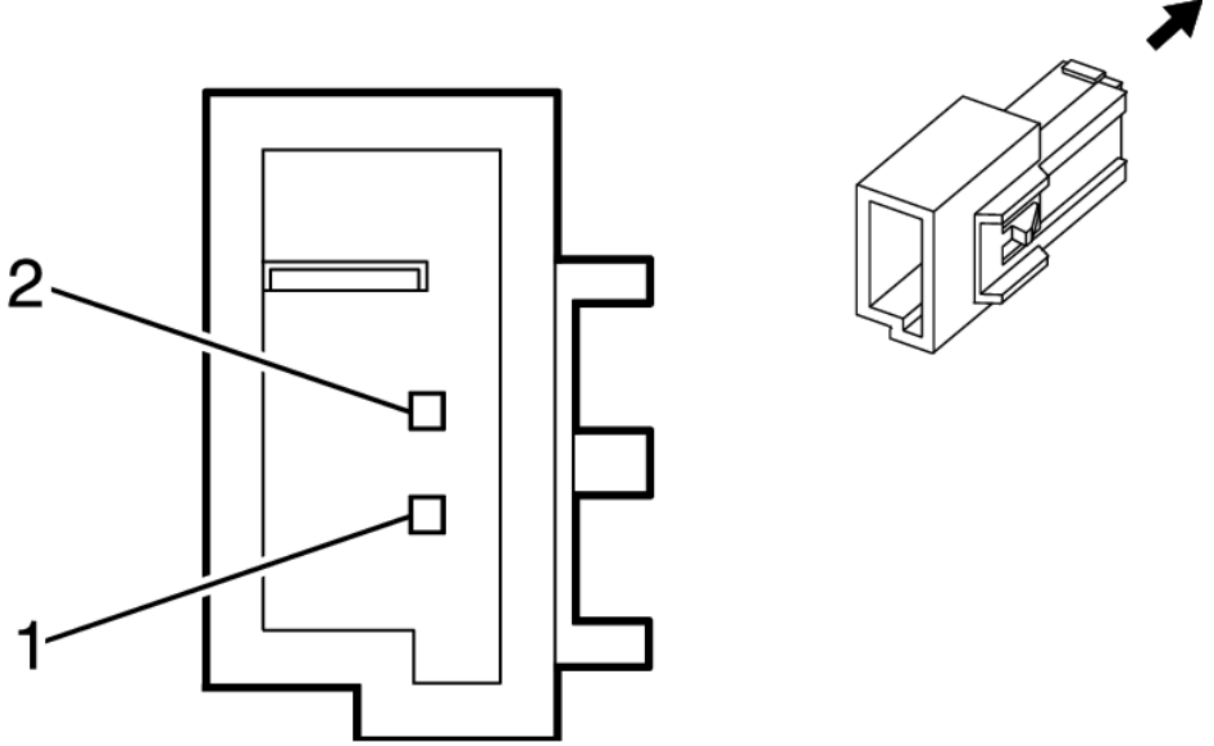
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
2	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	I	-

B77RF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - RIGHT FRONT

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Connector Part Information

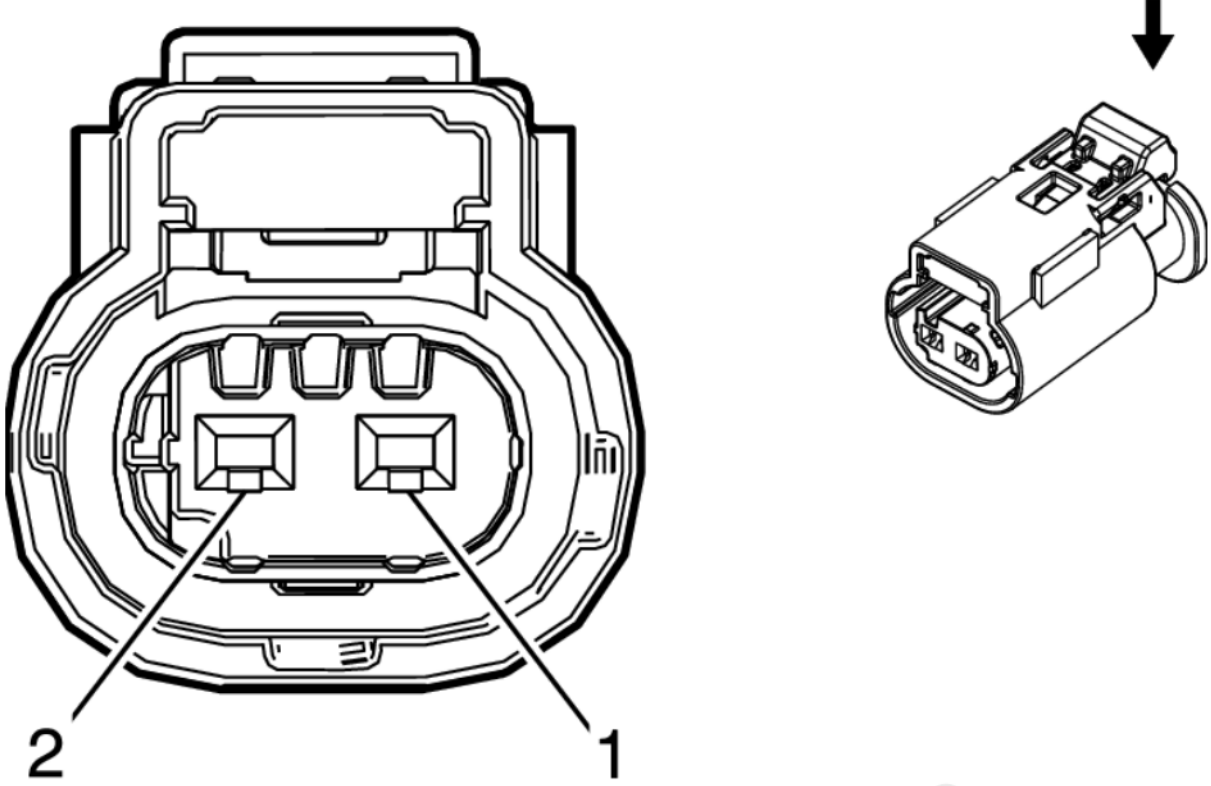
- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
2	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-

B82F PEDESTRIAN IMPACT DETECTION SENSOR - UPPER BEAM FRONT X1 (B3T)



Connector Part Information

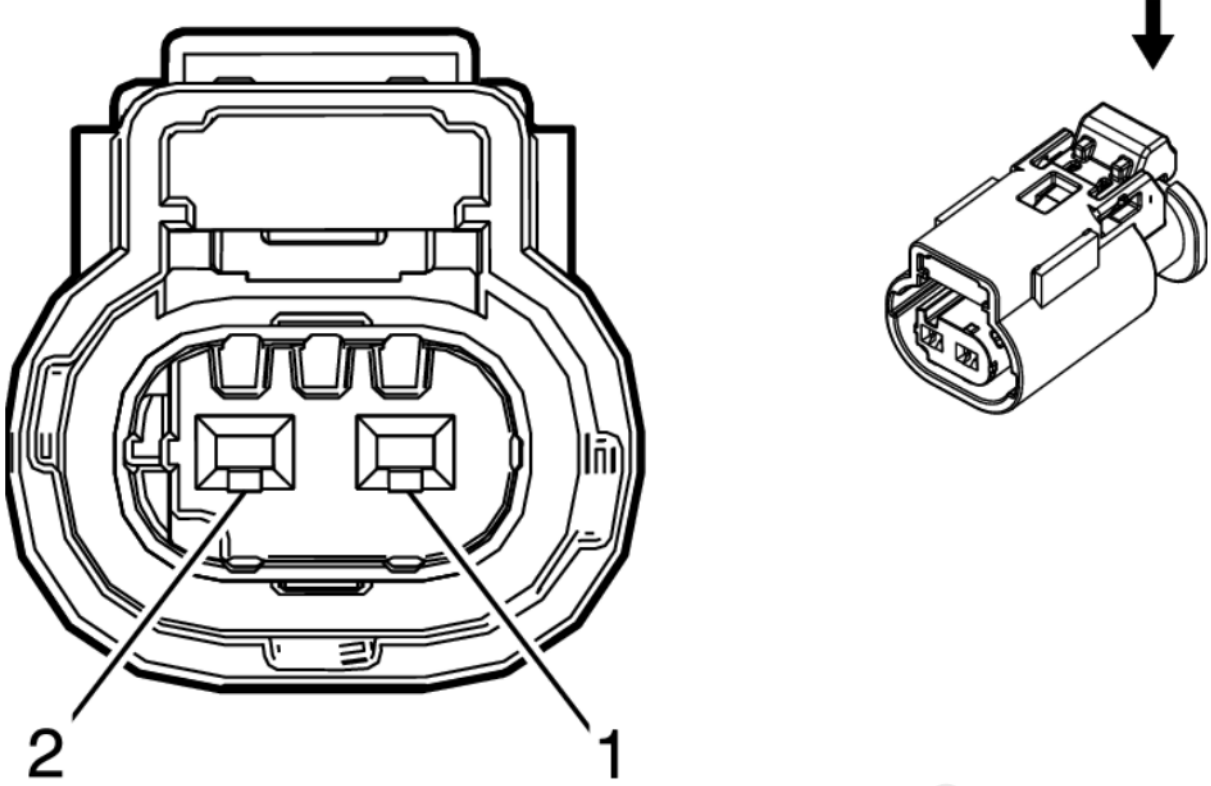
- Harness Type: Front Fascia
- OEM Connector: 13852490
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/YE	4038	Pedestrian Protection Safing Sensor Module Signal	I	-
2	0.5	BK/VT	4045	Pedestrian Protection Safing Sensor Module Low Reference	I	-

B82F PEDESTRIAN IMPACT DETECTION SENSOR - UPPER BEAM FRONT X2 (B3T)



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13852490
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

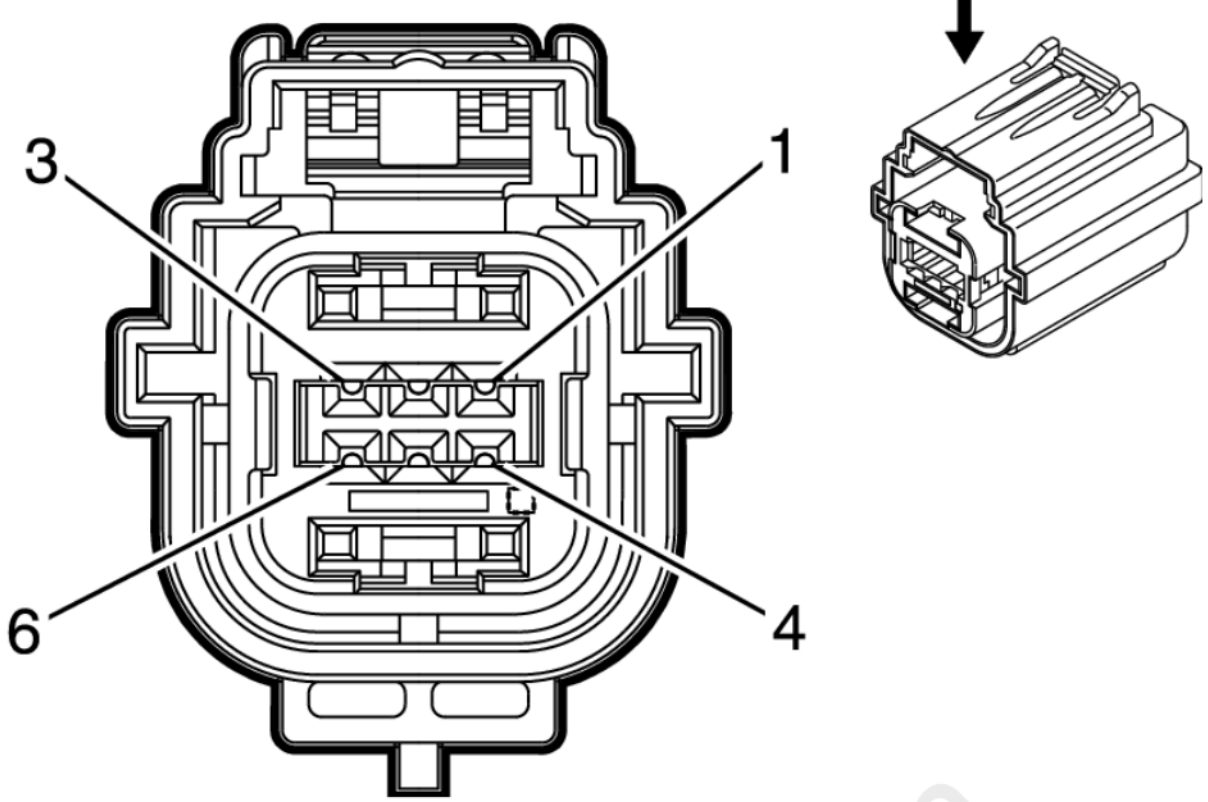
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	4034	Pedestrian Protection Impact Sensing Module Signal	I	-
2	0.5	BN/WH	4035	Pedestrian Protection Impact Sensing Module Low Reference	I	-

B87 REARVIEW CAMERA (UVC)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13629704
- Service Connector: 19301402
- Description: 6-Way F 0.64 Series, Sealed (GY)

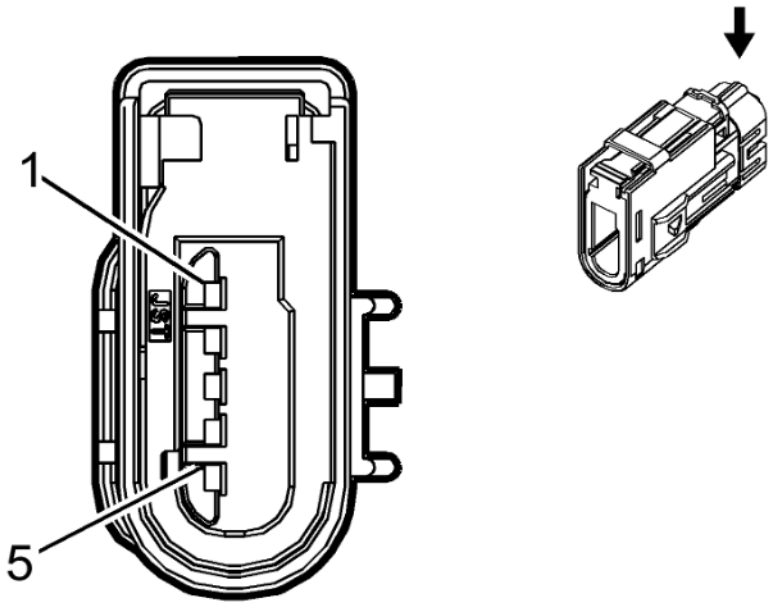
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	6972	Camera Signal 2 +	I	-
2	0.5	WH	6974	Camera Low Reference	I	-
3	0.5	GN/WH	24	Backup Lamp Control	I	-
4	0.35	WH/BU	6973	Camera Signal 2	I	-
5	0.35	BK	3850	Ground	I	-
6	0.35	VT/GN	1339	Run/Crank Ignition 1 Voltage	I	-

B87 REARVIEW CAMERA X1 (UVH)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 33185102
- Service Connector: 19333335
- Description: 5-Way M 1.2 Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	6972	Camera Signal 2 +	I	-
2	0.35 0.5	WH WH	6974 6974	Camera Low Reference Camera Low Reference	I I	HP9 KL9
3	0.35	WH/BU	6973	Camera Signal 2	I	-
4	0.35	BN/BK	6202	Camera Ground	I	-
5	0.35	WH/BN	6201	Camera Control	I	-

B87 REARVIEW CAMERA X2 (DRZ)

-

Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 33255797
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

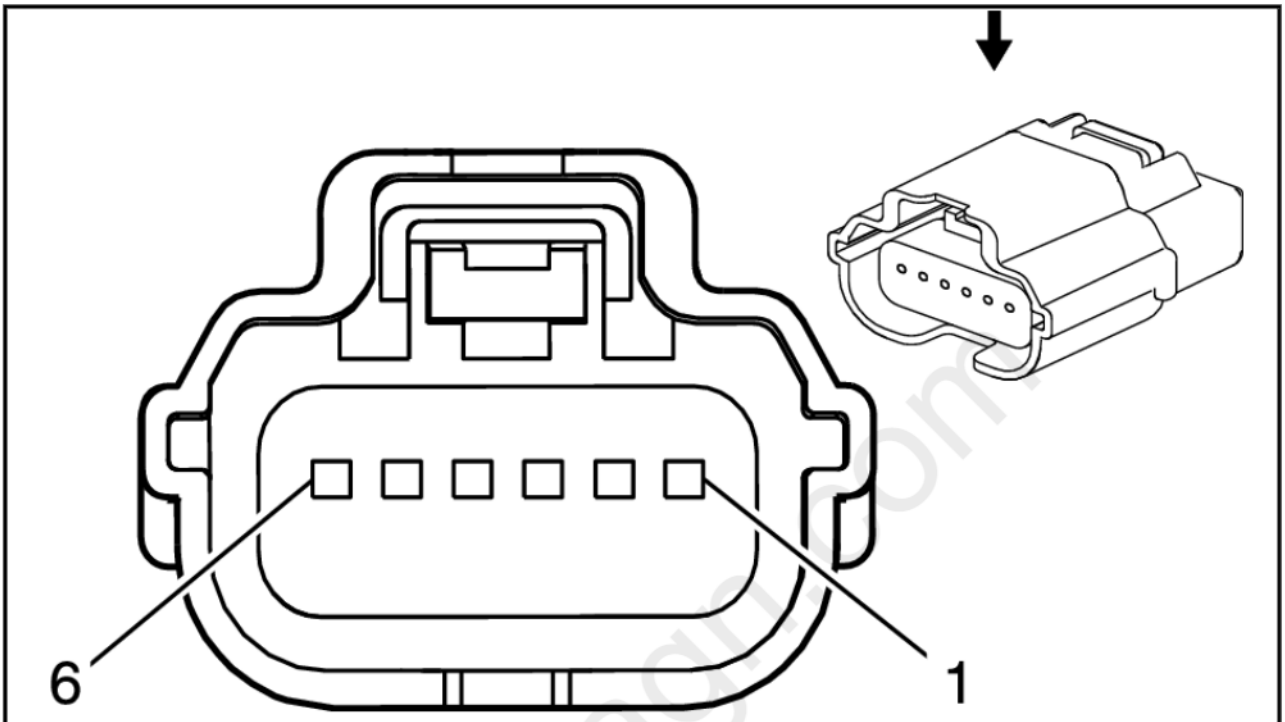
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	-	I	-

B107 ACCELERATOR PEDAL POSITION SENSOR (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13835162
- Service Connector: 19356496
- Description: 6-Way F 0.64 Series, Sealed (BK)

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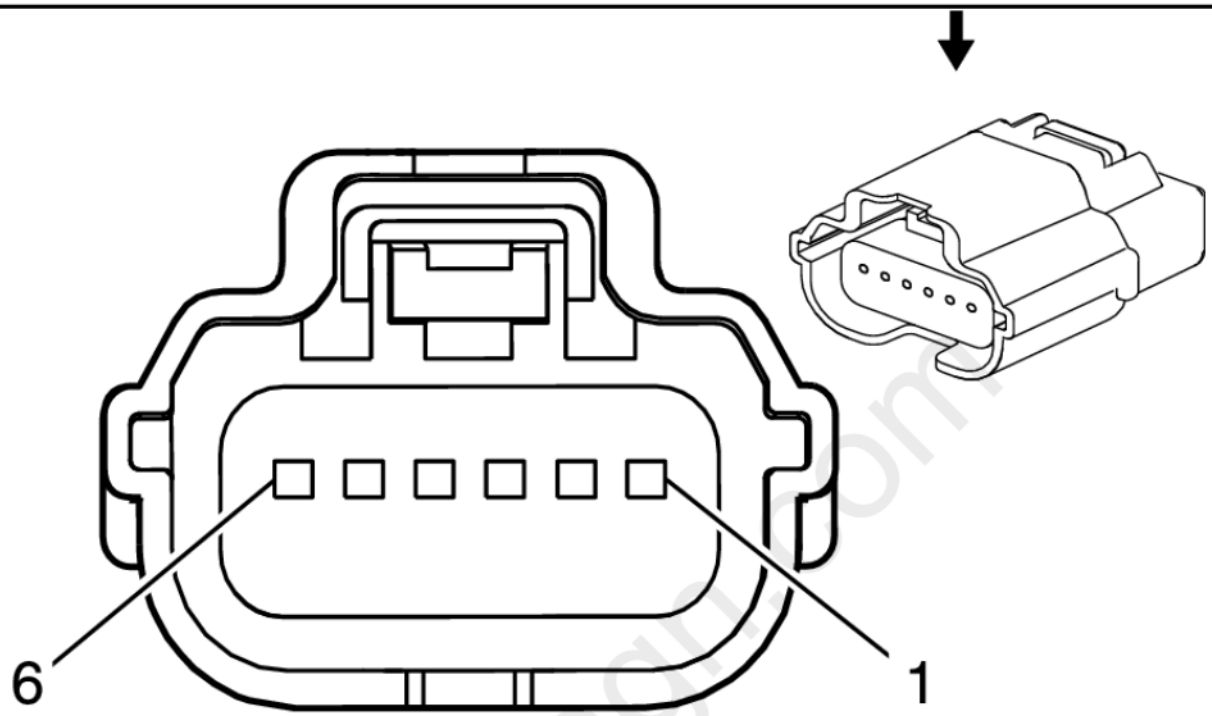
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
2	0.5	GN	1162	Accelerator Pedal Position Signal 2	I	-
3	0.5	BN/VT	1272	Accelerator Pedal Position Low Reference 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
5	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
6	0.5	BU	1164	Accelerator Pedal Position 5V Reference 1	I	-

B107 ACCELERATOR PEDAL POSITION SENSOR (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13835162
- Service Connector: 19356496
- Description: 6-Way F 0.64 Series, Sealed (BK)

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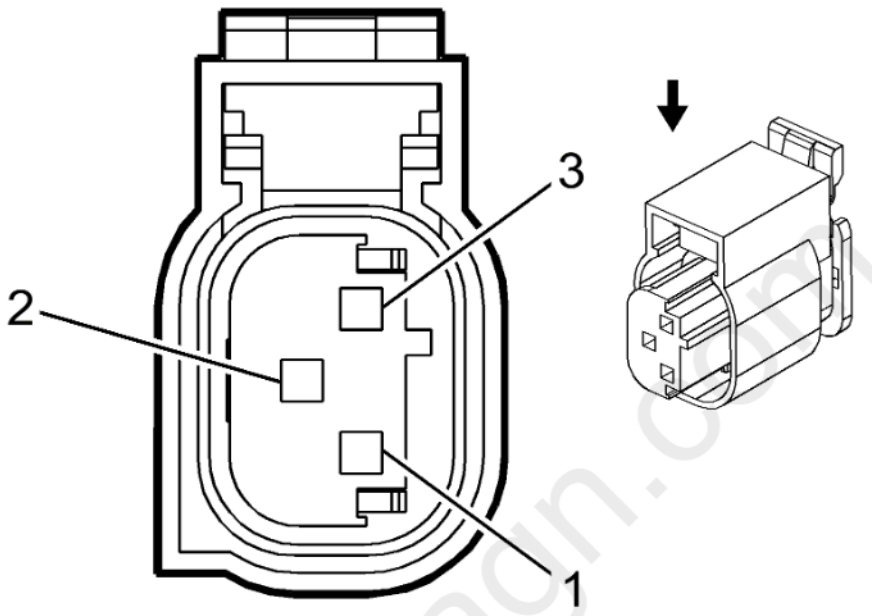
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
2	0.5	GN	1162	Accelerator Pedal Position Signal 2	I	-
3	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
5	0.5	BU	1161	Accelerator Pedal Position Signal 1	I	-
6	0.5	BN/BK	1164	Accelerator Pedal Position 5V Reference 1	I	-

B108 AIR QUALITY SENSOR (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13679453
- Service Connector: 13584422
- Description: 3-Way F 0.64 Micro-Quadlock Series, Sealed (GY)

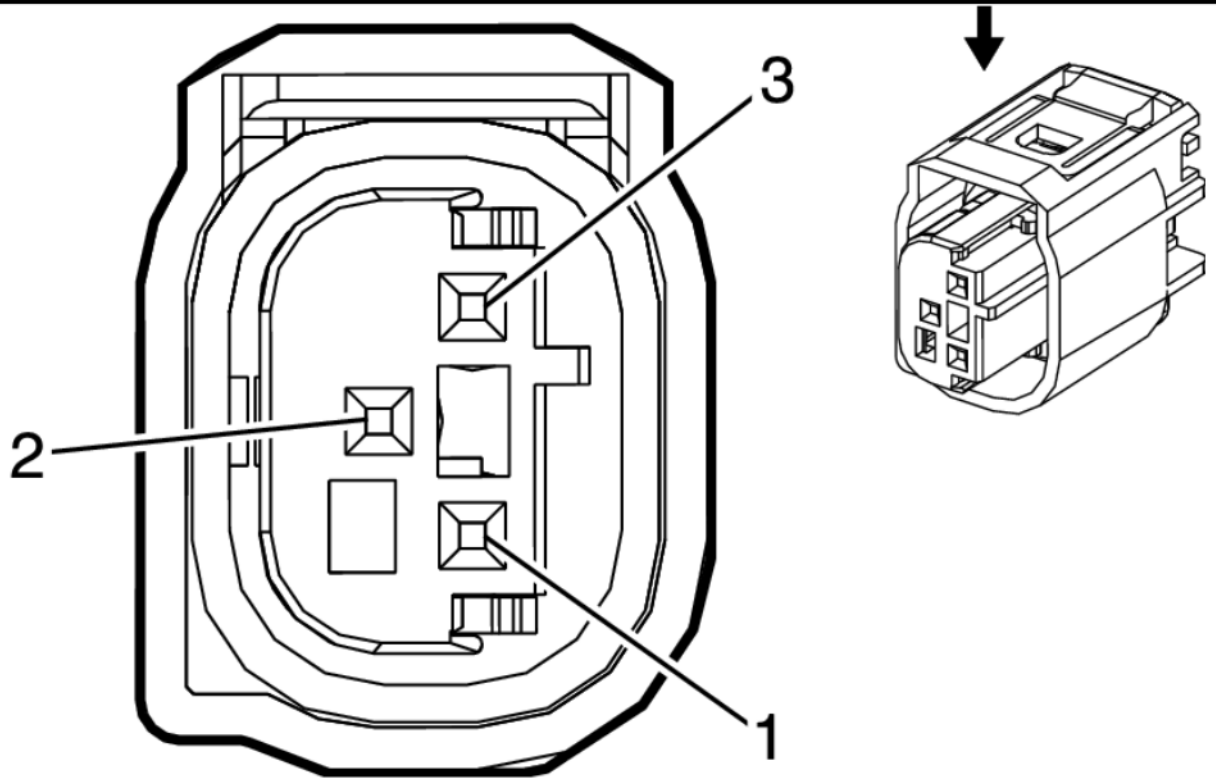
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GN	1339	Run/Crank Ignition 1 Voltage	I	-
2	0.5	BK	2250	Ground	I	-
3	0.35	VT/WH	5203	Air Quality Sensor Signal	I	-

B108 AIR QUALITY SENSOR (KL9)

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Connector Part Information

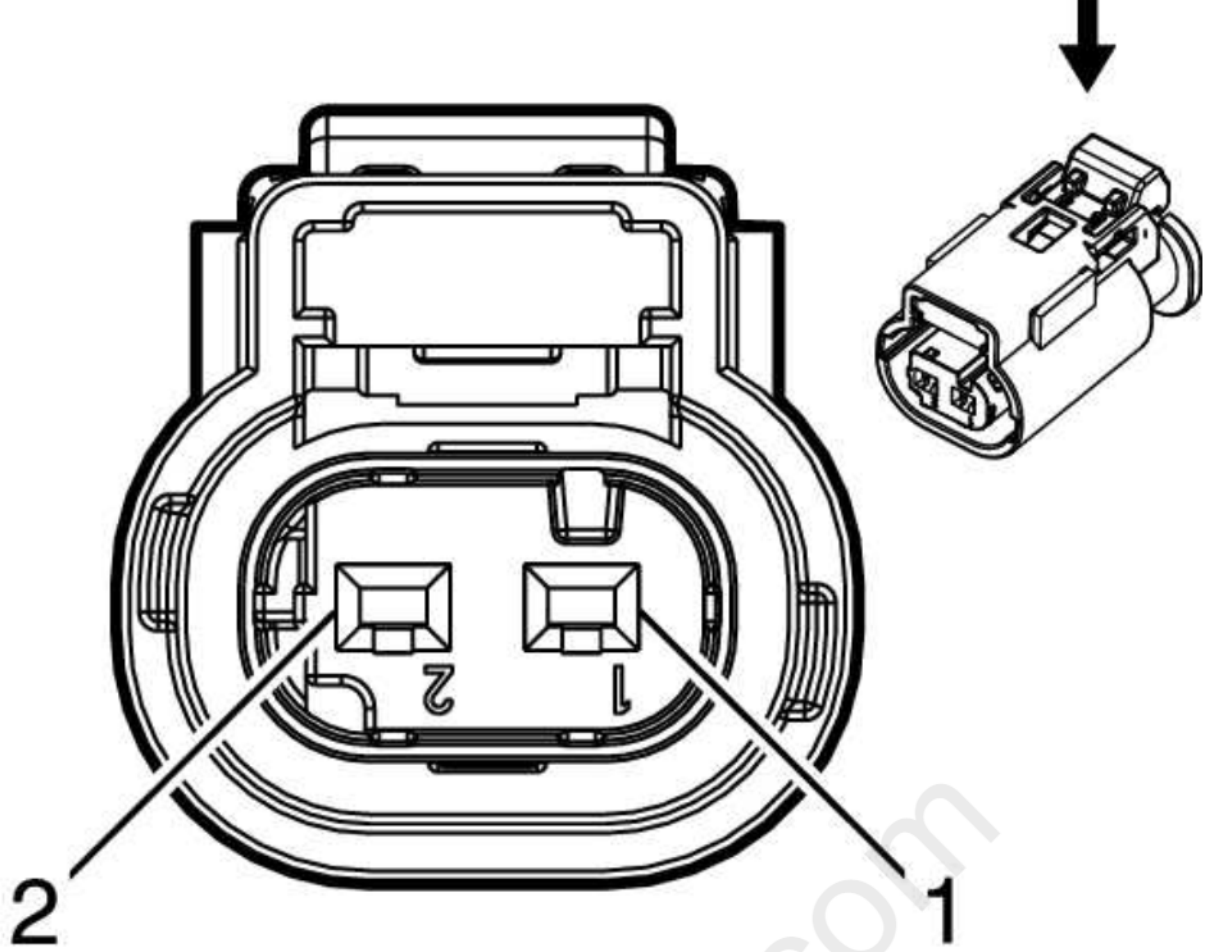
- Harness Type: Body
- OEM Connector: 15324236
- Service Connector: 13584422
- Description: 3-Way F MQS Socket Housing, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GN	1339	Run/Crank Ignition 1 Voltage	I	-
2	0.5	BK	2250	Ground	I	-
3	0.35	VT/WH	5203	Air Quality Sensor Signal	I	-

B109 TRANSFER CASE FLUID TEMPERATURE SENSOR (F46)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

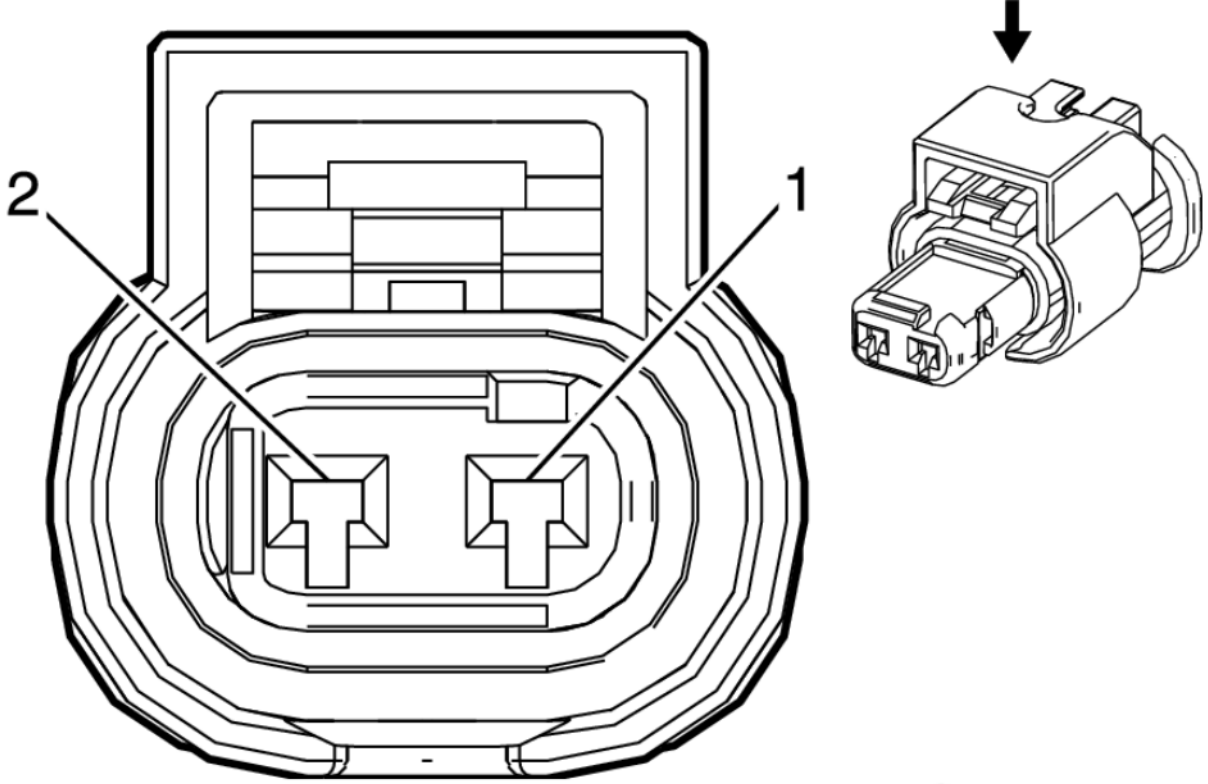
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	I	-
2	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	I	-

B110 BATTERY SENSOR MODULE X1

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13761652
- Service Connector: 13577519
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

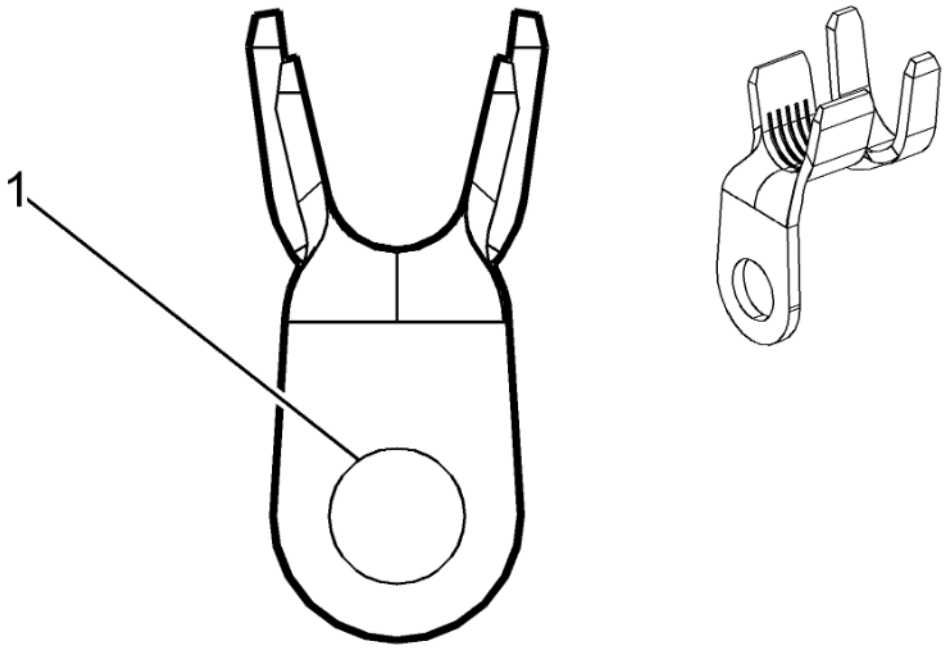
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
2	0.5	RD/GY	2340	Battery Positive Voltage	I	-

B110 BATTERY SENSOR MODULE X2

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Connector Part Information

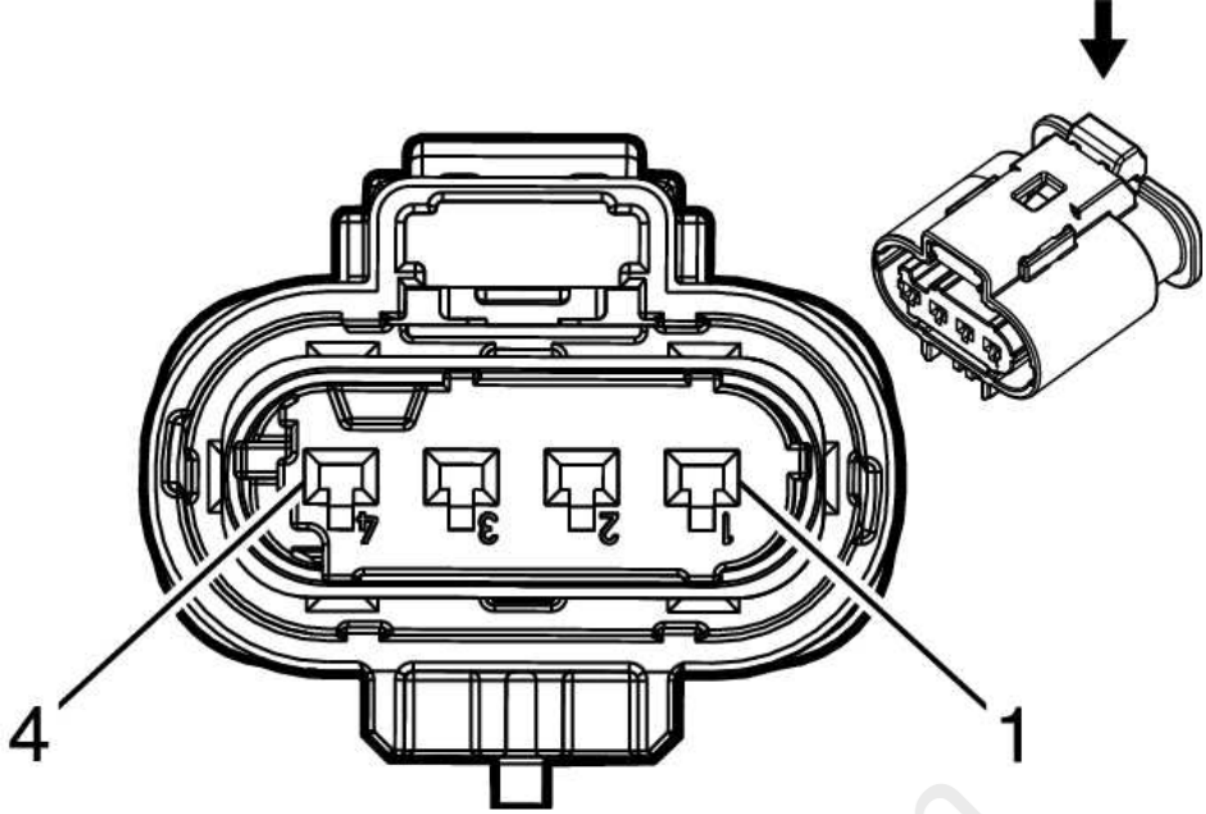
- Harness Type: Battery
- OEM Connector: 12146716
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	35	BK	50	Ground	I	-

B111B TURBOCHARGER BOOST/INTAKE AIR TEMPERATURE SENSOR (LGW)



Connector Part Information

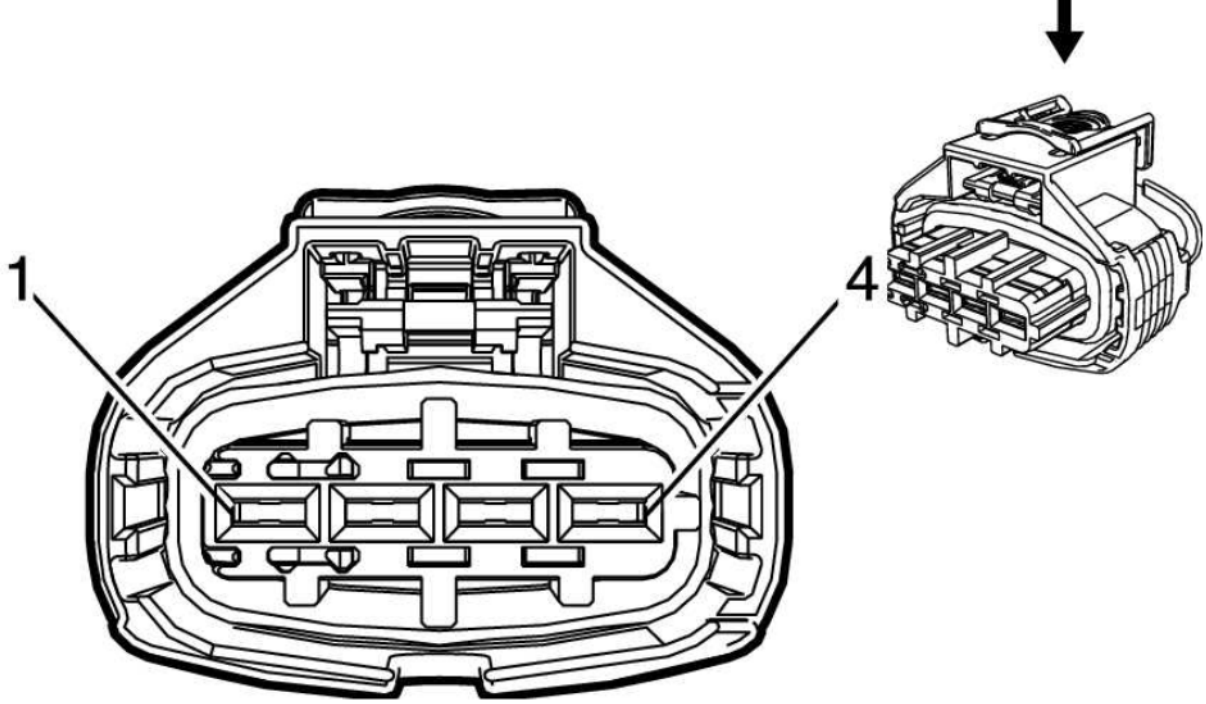
- Harness Type: Engine
- OEM Connector: 13815341
- Service Connector: 13587299
- Description: 4-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
2	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	I	-
3	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	I	-
4	0.5	VT/BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	I	-

B111B TURBOCHARGER BOOST/INTAKE AIR TEMPERATURE SENSOR (LTG+HP9)



Connector Part Information

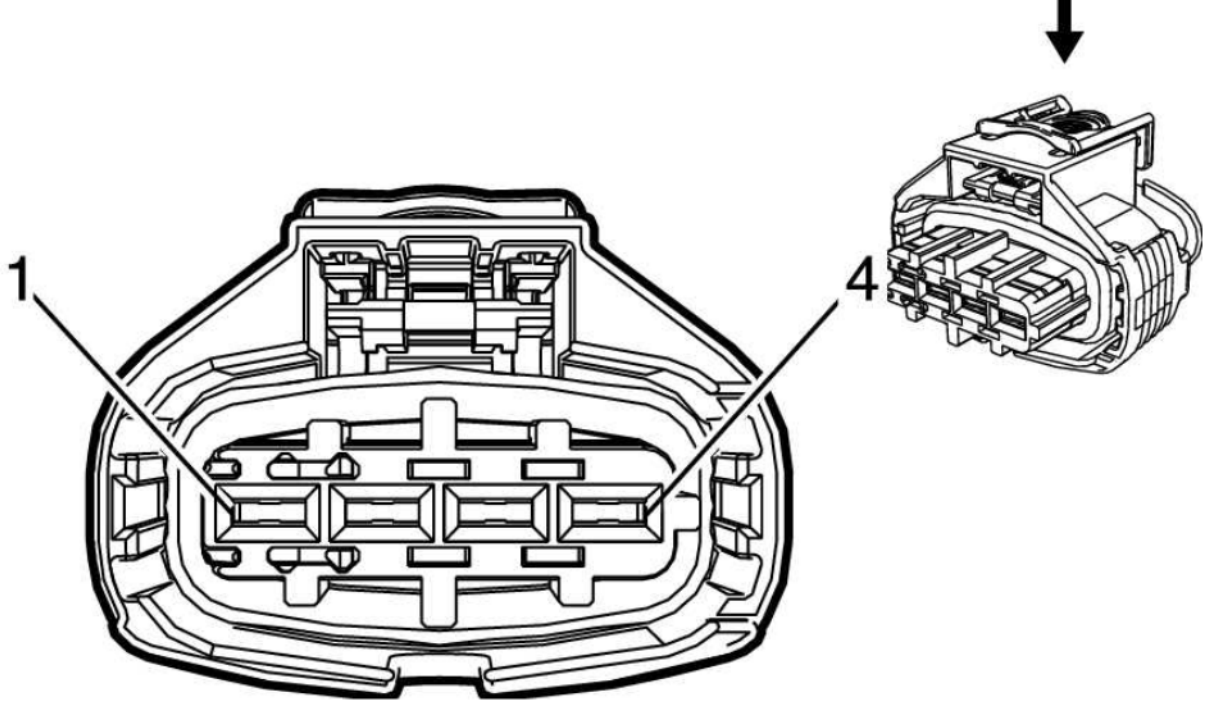
- Harness Type: Engine
- OEM Connector: 13931683
- Service Connector: 13584423
- Description: 4-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	I	-
2	0.5	WH/BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
3	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	I	-
4	0.5	VT/BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	I	-

B111B TURBOCHARGER BOOST/INTAKE AIR TEMPERATURE SENSOR (LTG+KL9)



Connector Part Information

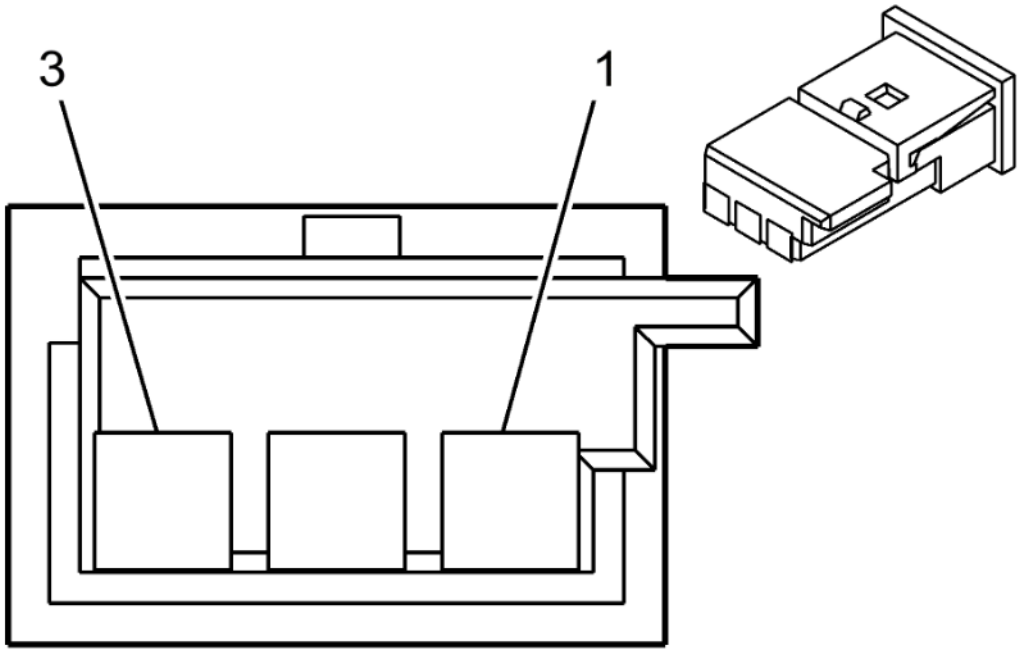
- Harness Type: Engine
- OEM Connector: 13931683
- Service Connector: 13584423
- Description: 4-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	I	-
2	0.5	WH/BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
3	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	I	-
4	0.5	VT/BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	I	-

B117 RAIN SENSOR



Connector Part Information

- Harness Type: Rain Sensor Jumper
- OEM Connector: 13153088
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Micro-Quadlock Series (BK)

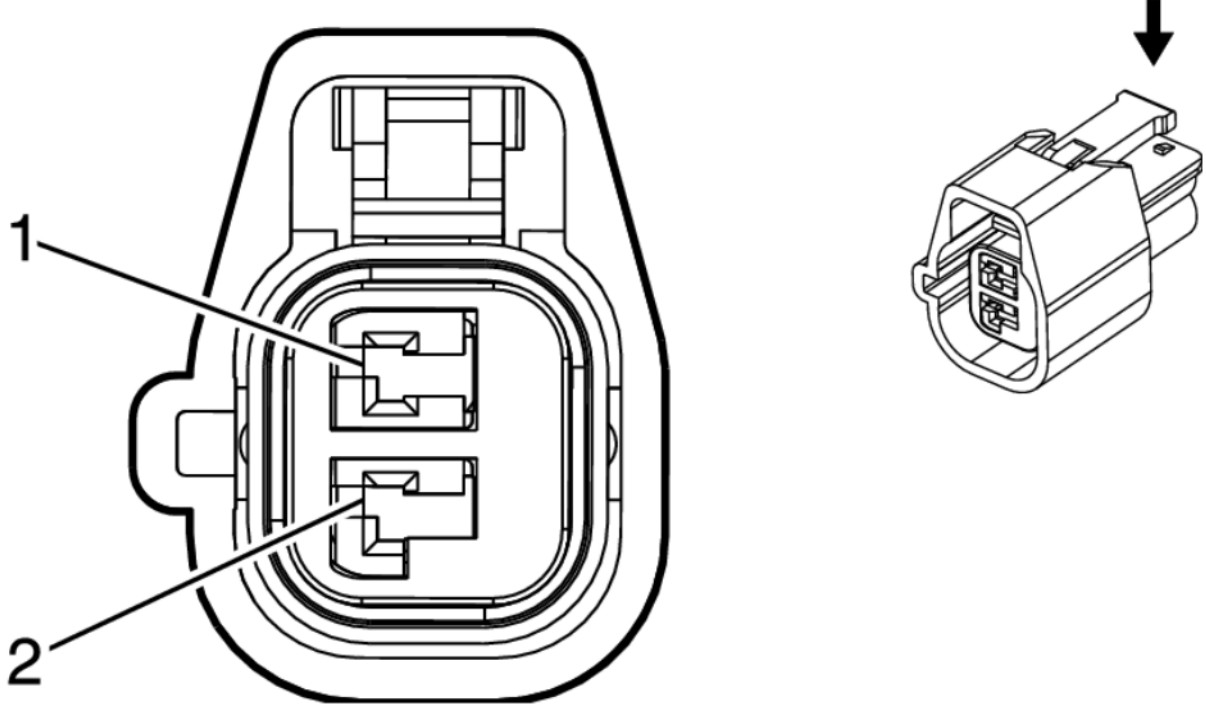
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	4540	Battery Positive Voltage	I	-
2	0.35	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	I	-
3	0.35	BK	2150	Ground	I	-

B118B WINDSHIELD WASHER FLUID LEVEL SWITCH

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Connector Part Information

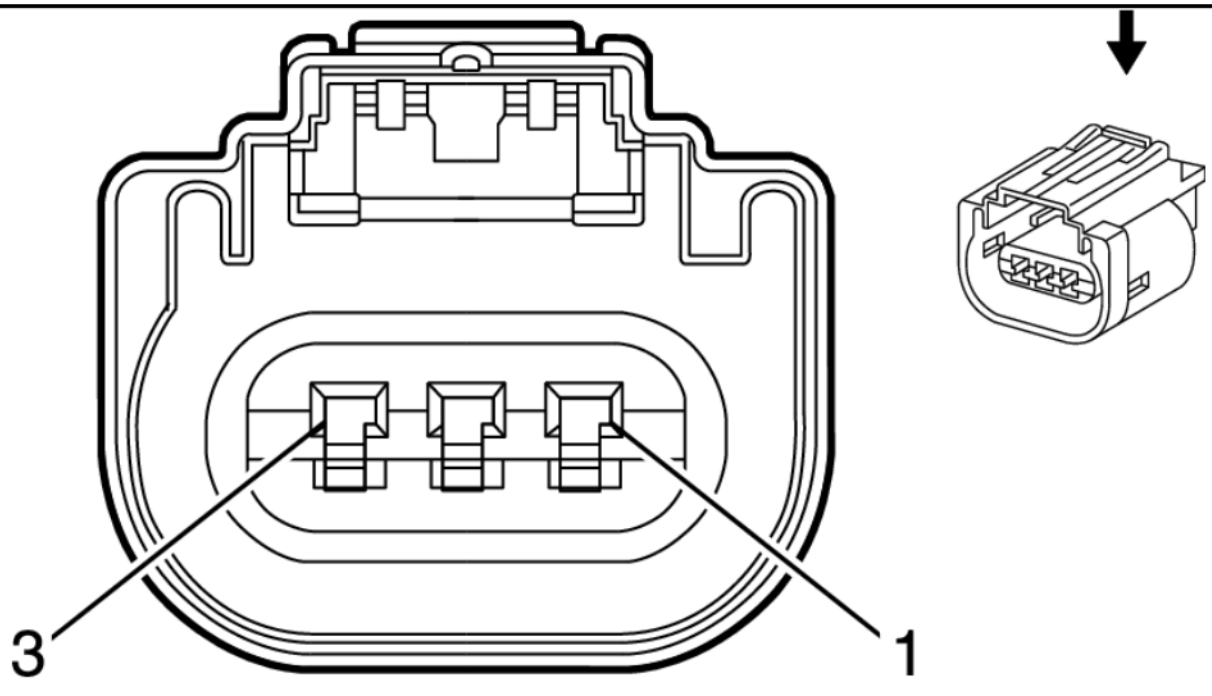
- Harness Type: Forward Lamp
- OEM Connector: 33113086
- Service Connector: 13593220
- Description: 2-Way F 1.5 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	185	Low Washer Fluid Indicator Control	I	-
2	0.5	BK	650	Ground	I	-

B150 FUEL TANK PRESSURE SENSOR



Connector Part Information

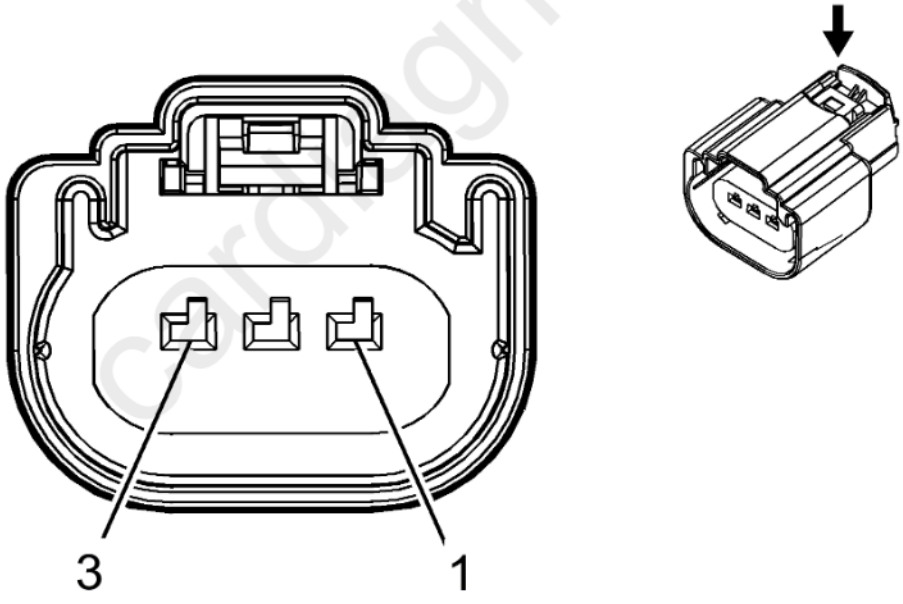
- Harness Type: Body
- OEM Connector: 13675632
- Service Connector: 13584784
- Description: 3-Way F 1.5 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	I	-
2	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
3	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	I	-

B152LF SUSPENSION POSITION SENSOR - LEFT FRONT (F55/TR7)



Connector Part Information

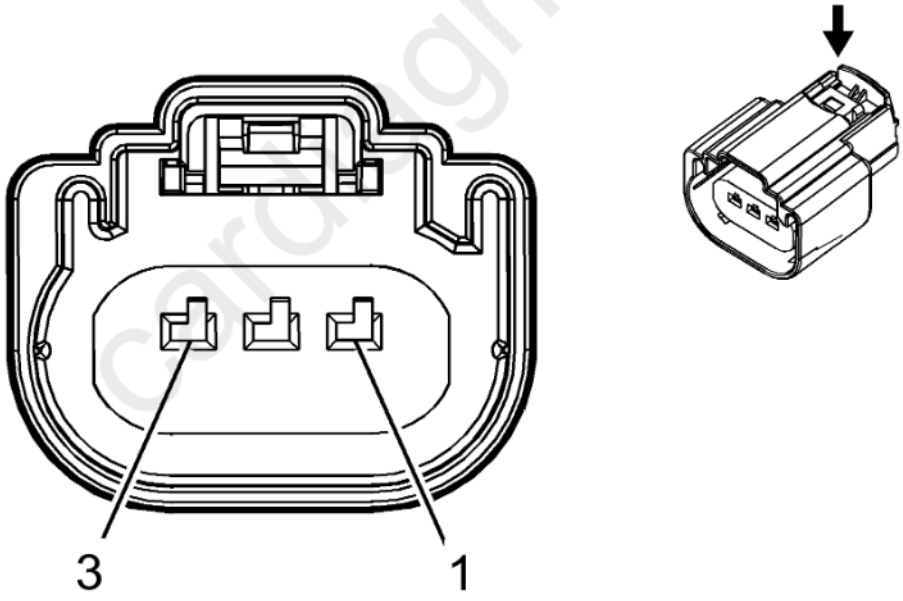
- Harness Type: Body
- OEM Connector: 13873527
- Service Connector: 19300594
- Description: 3-Way F 1.5 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.5	BU/RD BU/RD	1205 1205	Left Front Strut Position Sensor 5V Reference Left Front Strut Position Sensor 5V Reference	I I	F55 -F55
2	0.35 0.5	BK/BU BK/BU	1206 1206	Left Front Strut Position Sensor Low Reference Left Front Strut Position Sensor Low Reference	I I	F55 -F55
3	0.35 0.5	BN/WH BN/WH	1207 1207	Left Front Strut Position Sensor Signal Left Front Strut Position Sensor Signal	I I	F55 -F55

B152LR SUSPENSION POSITION SENSOR - LEFT REAR (F55/TR7)



Connector Part Information

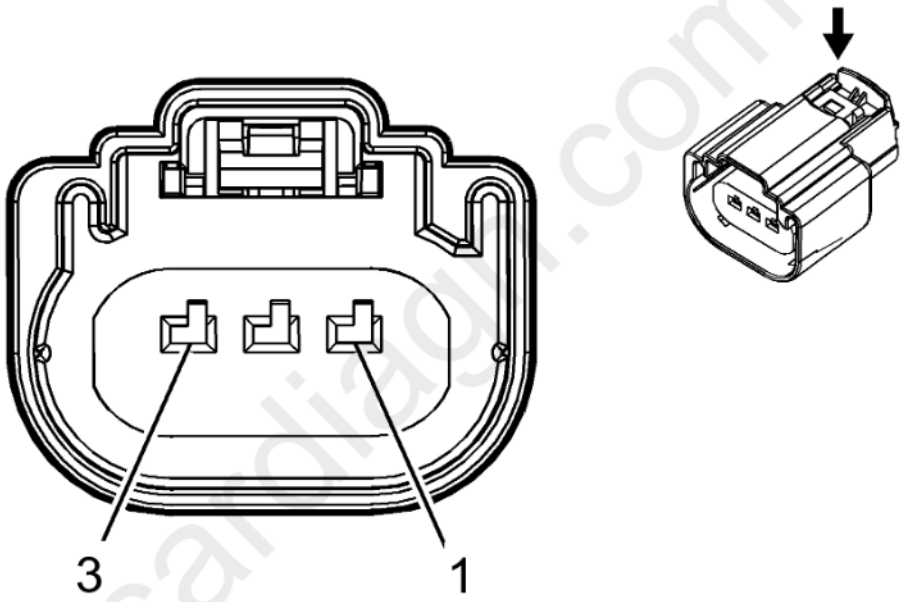
- Harness Type: Rear Axle
- OEM Connector: 13873527
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.5 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/RD	1208	Left Rear Strut Position Sensor 5V Reference	I	-
2	0.5	BK/GN	1209	Left Rear Strut Position Sensor Low Reference	I	-
3	0.5	GN/WH	1210	Left Rear Strut Position Sensor Signal	I	-

B152RF SUSPENSION POSITION SENSOR - RIGHT FRONT (F55)



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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13873527
- Service Connector: 19300594
- Description: 3-Way F 1.5 Series, Sealed (GY)

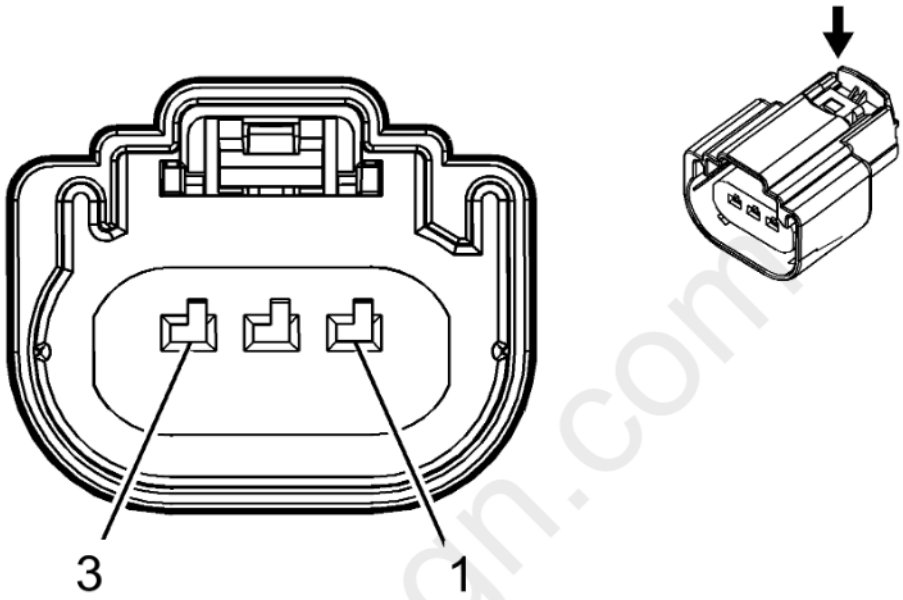
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/RD	1211	Right Front Strut Position Sensor 5V Reference	I	-
2	0.5	BK/GY	1212	Right Front Strut Position Sensor Low Reference	I	-
3	0.5	YE/WH	1213	Right Front Strut Position Sensor Signal	I	-

B152RR SUSPENSION POSITION SENSOR - RIGHT REAR (F55)



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13873527
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.5 Series, Sealed (GY)

Terminal Part Information

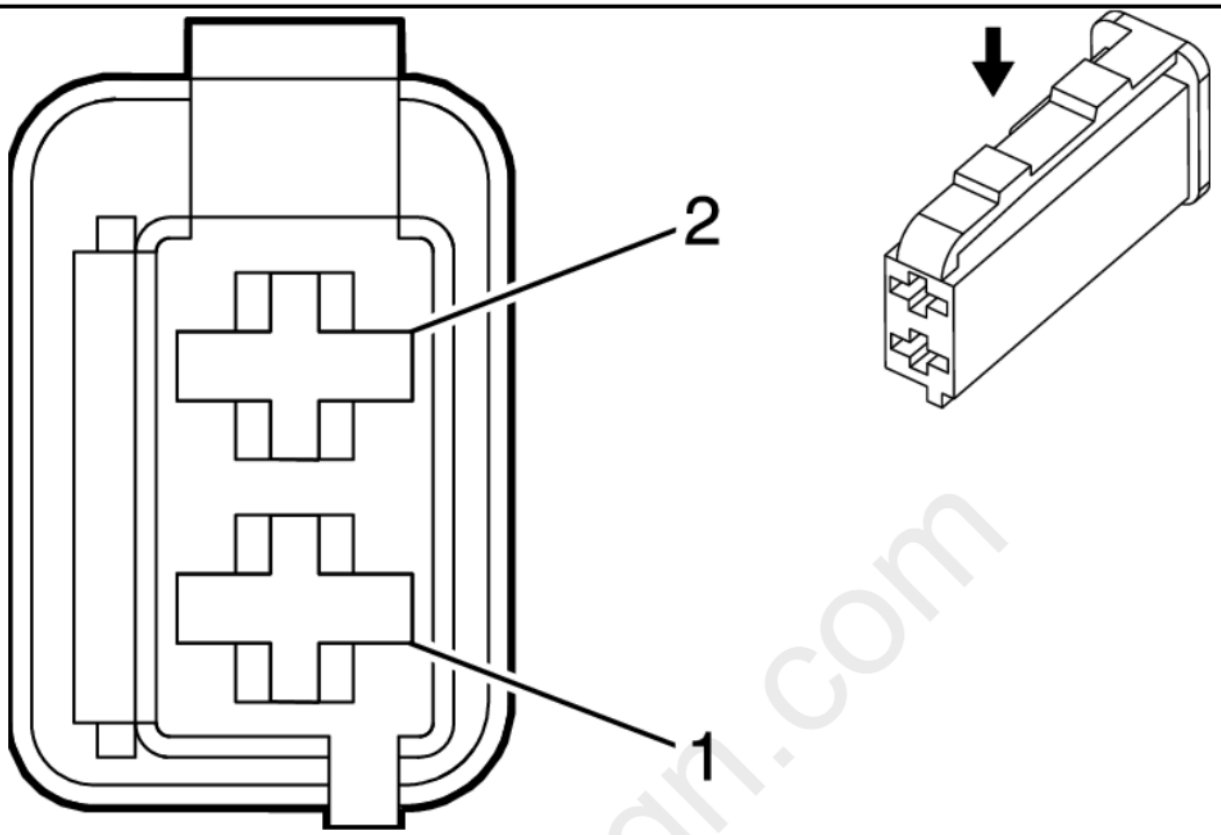
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/RD	1214	Right Rear Strut Position Sensor 5V Reference	I	-
2	0.5	BK/YE	1215	Right Rear Strut Position Sensor Low Reference	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.5	GN/GY	1216	Right Rear Strut Position Sensor Signal	I	-

B153D SEAT BELT BUCKLE - DRIVER



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

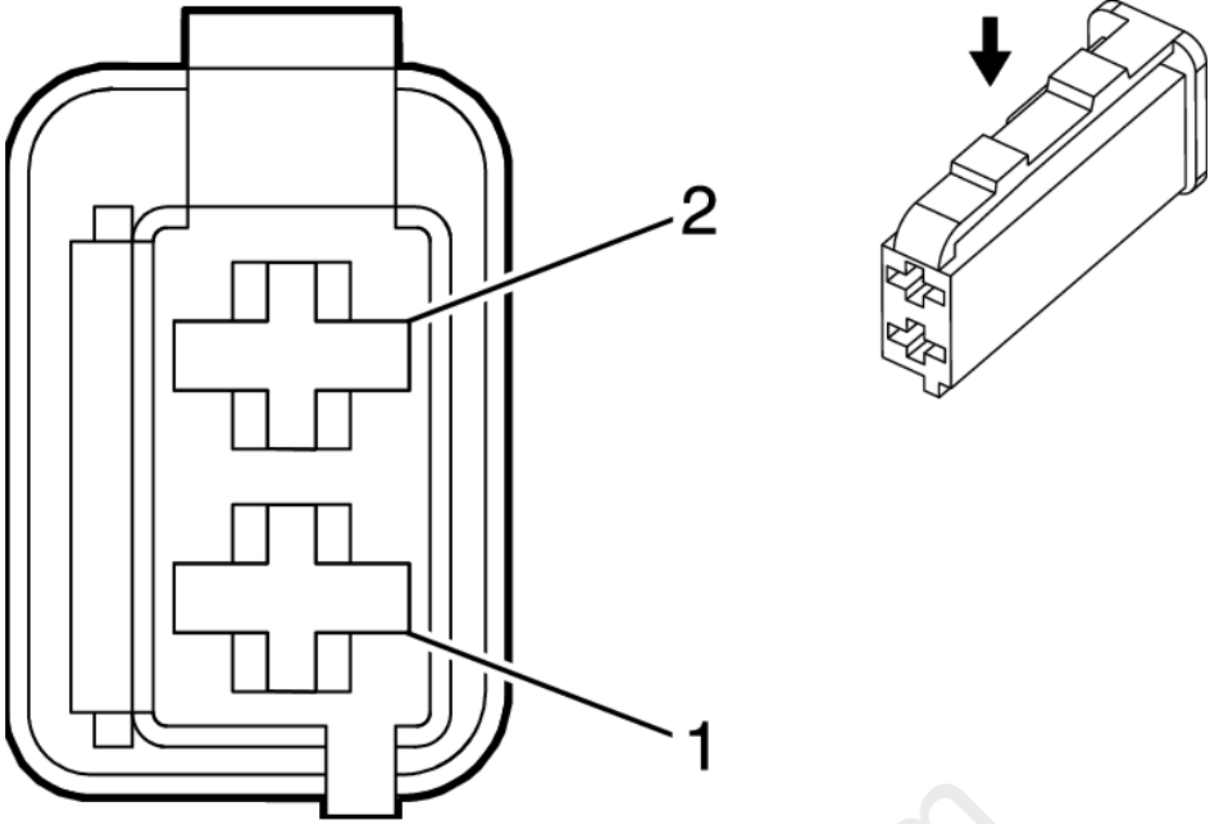
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
2	-	OG/BN	238	Driver Seat Belt Switch Signal	I	-

B153P SEAT BELT BUCKLE - PASSENGER

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Connector Part Information

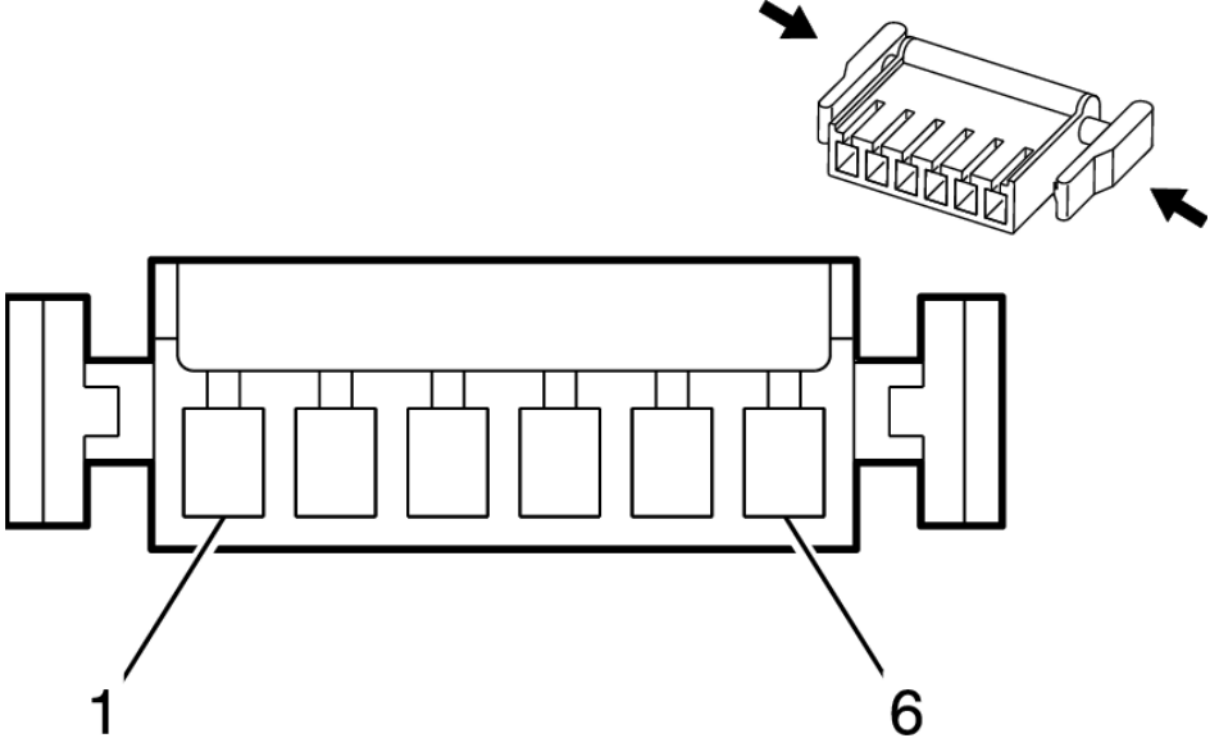
- Harness Type: Passenger Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
2	-	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-

B165 CONTENT THEFT DETERRENT SENSOR MODULE (UTU/UTV)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13726957
- Service Connector: 13576539
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

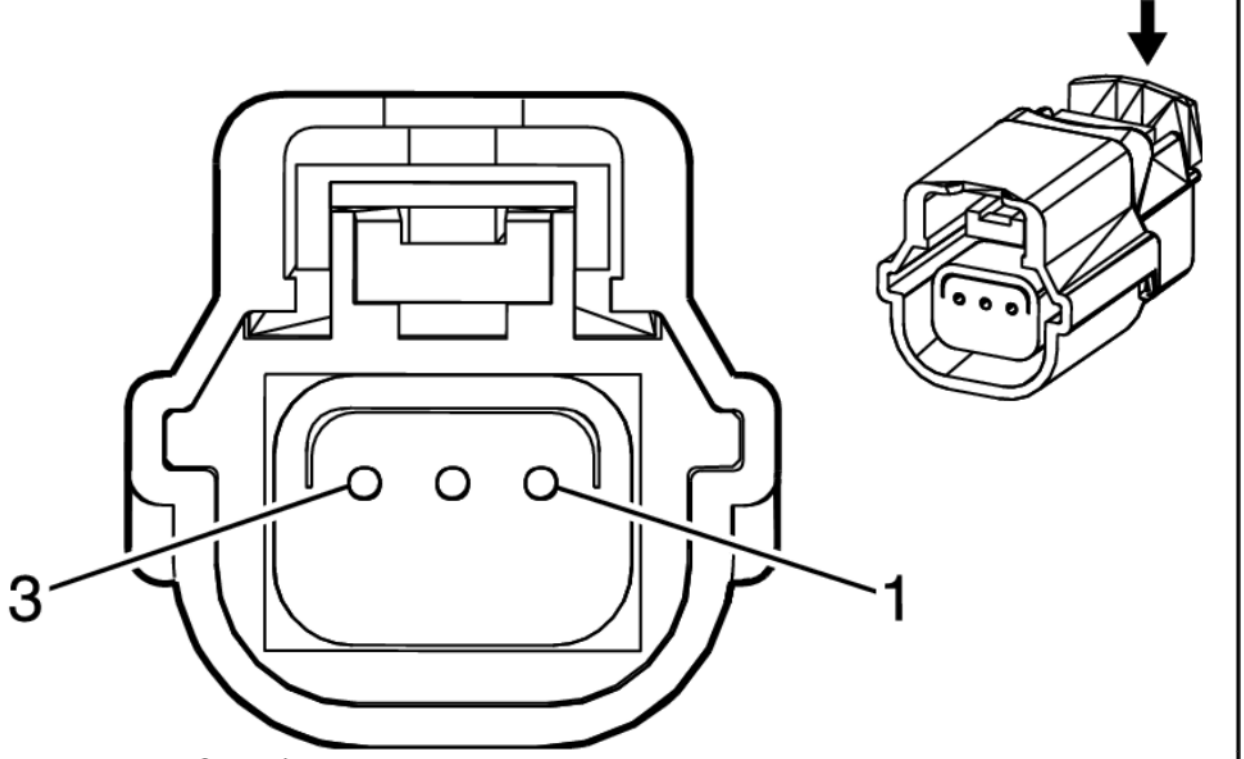
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	VT	5068	Intrusion Sensor Switch Disable Signal	I	-
2	0.13	YE	3278	Intrusion Sensor Switch LED Control	I	-
3	0.35	RD/BU	4540	Battery Positive Voltage	I	-
4	0.35	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	I	-
5	0.35	BK	1450	Ground	I	-
6	-	-	-	Not Occupied	-	-

B166LF ADVANCED PARKING ASSIST SIDE OBJECT SENSOR - LEFT FRONT (UFQ)

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

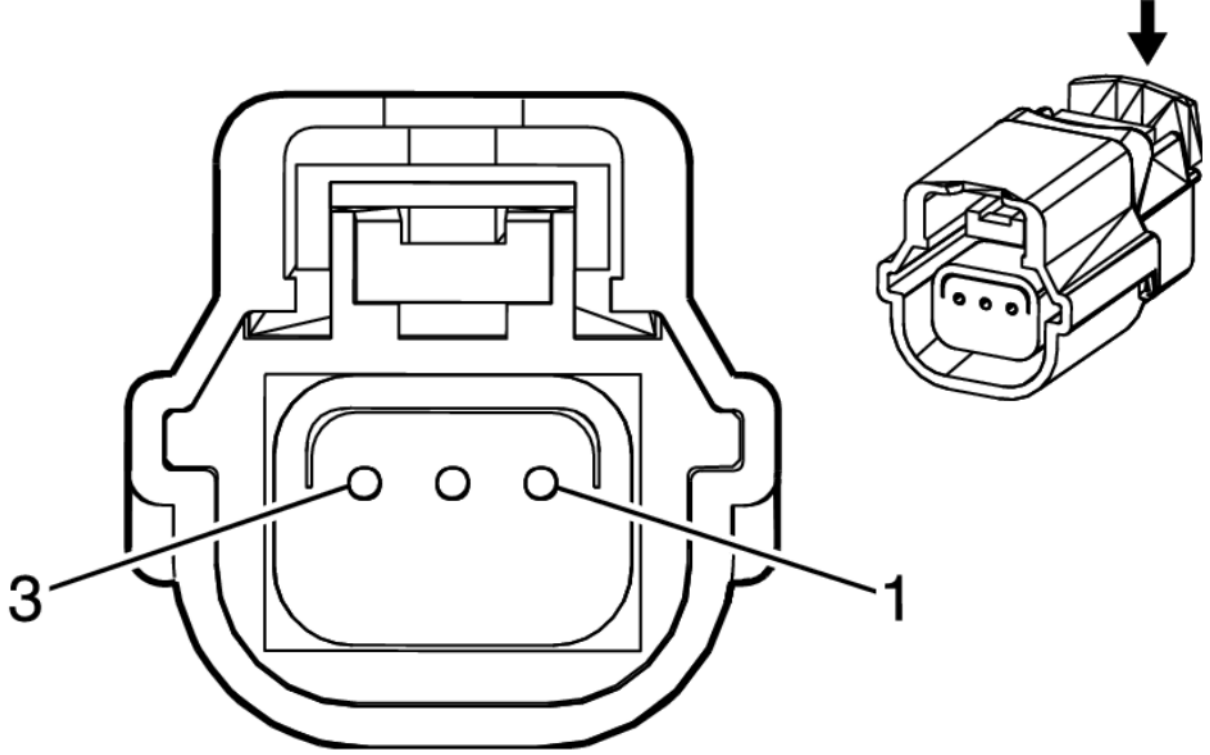
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	GY	3154	Left Front Supplemental Object Sensor Signal	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B166LR ADVANCED PARKING ASSIST SIDE OBJECT SENSOR - LEFT REAR (UFQ)

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

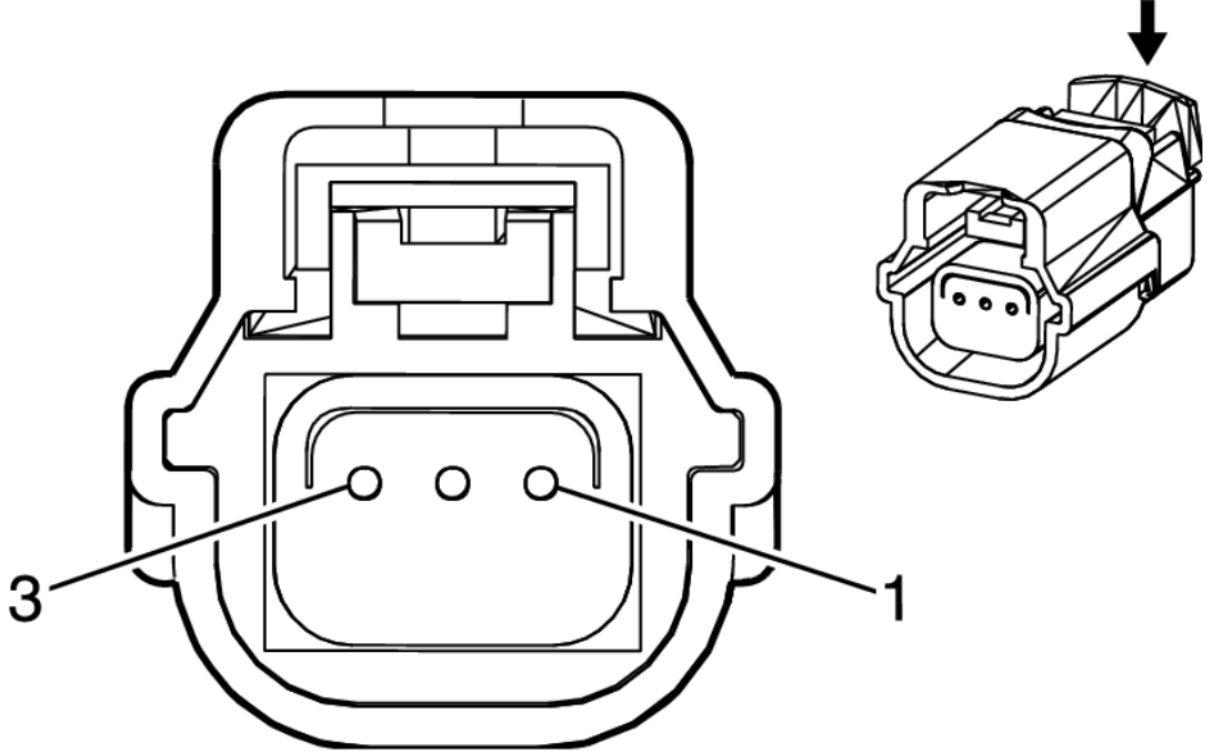
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	GN	3156	Left Rear Supplemental Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B166RF ADVANCED PARKING ASSIST SIDE OBJECT SENSOR - RIGHT FRONT (UFQ)

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

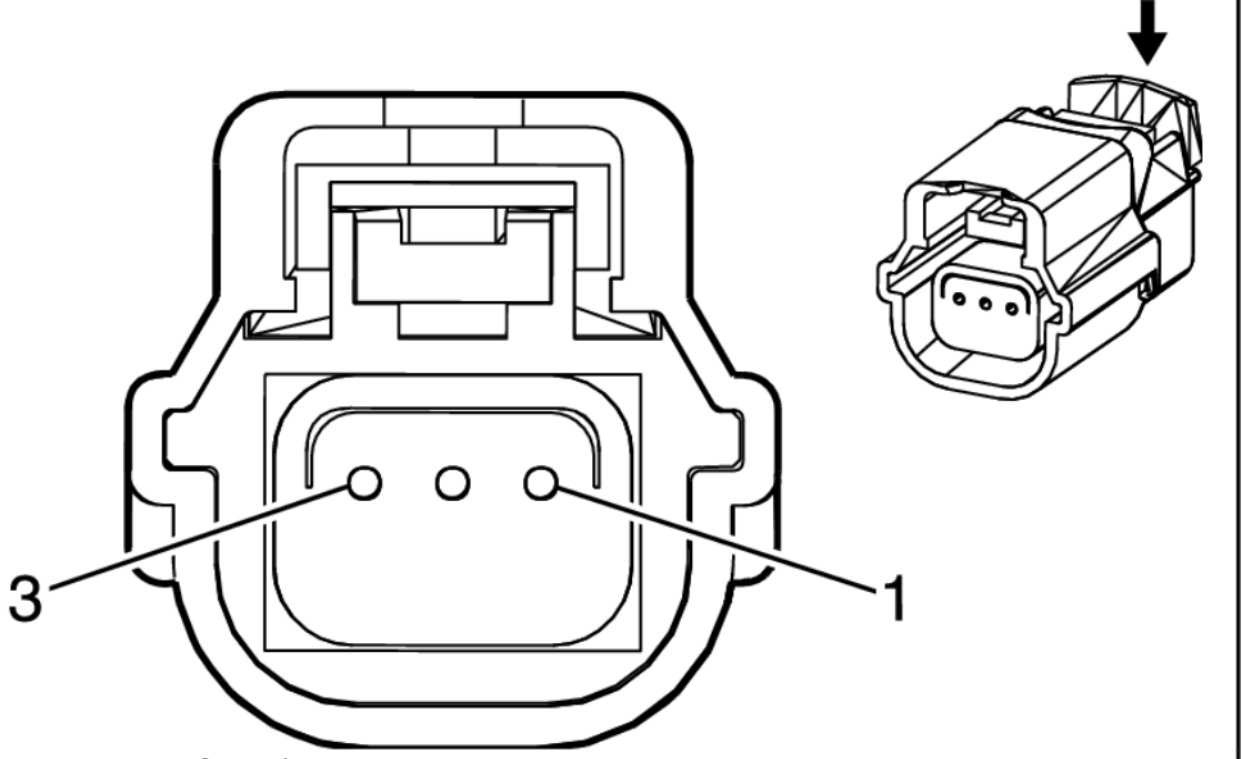
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	-
2	0.35	GN	3155	Right Front Supplemental Object Sensor Signal	I	-
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B166RR ADVANCED PARKING ASSIST SIDE OBJECT SENSOR - RIGHT REAR (UKG)

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Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

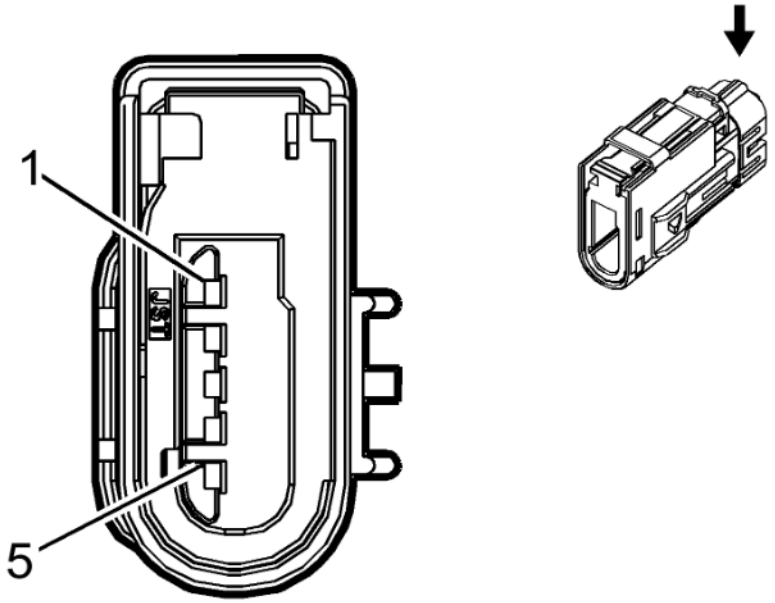
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	BU	3157	Right Rear Supplemental Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

B174G FRONTVIEW CAMERA - GRILLE (UVH)

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Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 33185102
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (L-GY)

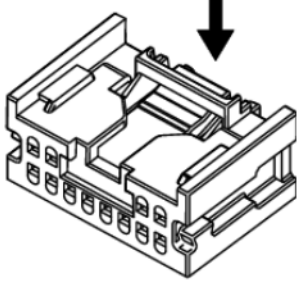
Terminal Part Information

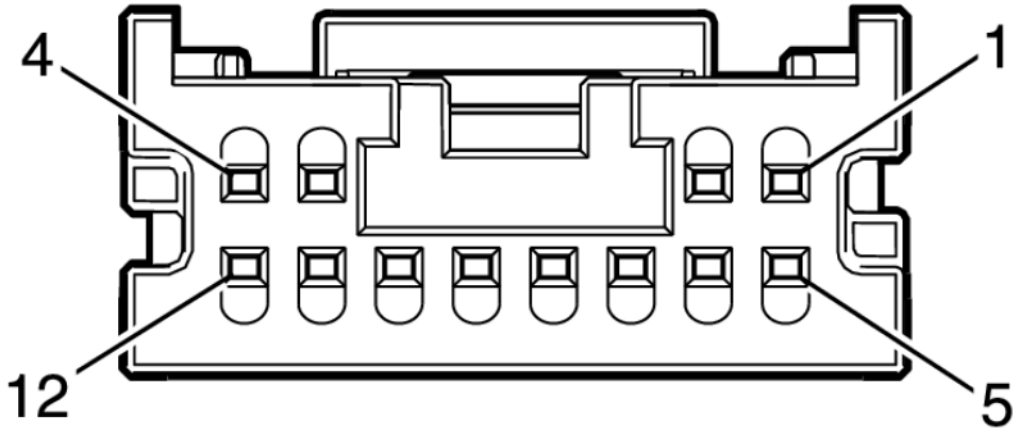
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	9772	Camera Signal 1 +	I	-
2	0.5	WH	9774	Camera Shield Ground Extension	I	-
3	0.35	WH/BN	9773	Camera Signal 1 -	I	-
4	0.35	BN/BK	6202	Camera Ground	I	-
5	0.35	GN	6201	Camera Control	I	-

B174W FRONTVIEW CAMERA - WINDSHIELD (HP9+(UHX/UEU))

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13954164
- Service Connector: 19330672
- Description: 12-Way F Mini 50 Series (BK)

Terminal Part Information

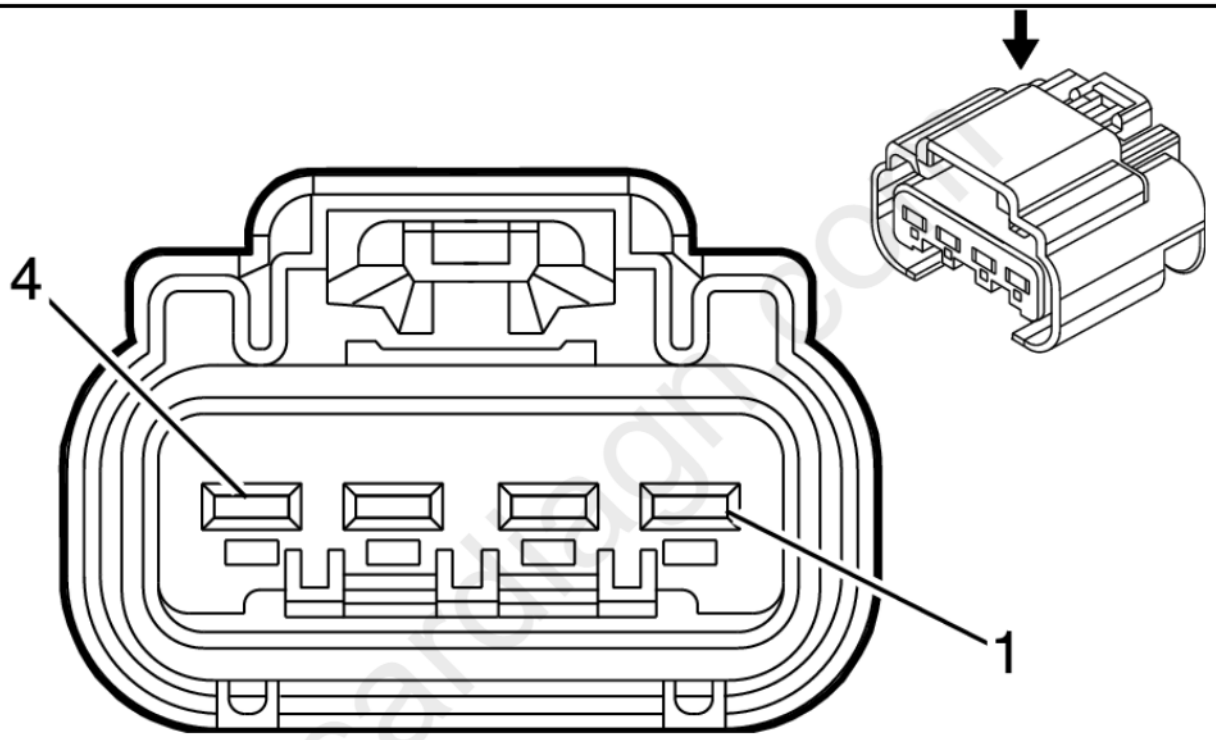
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575568	EL-35616-58 (BK)	No Tool Required	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2150	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	RD/BU	7640	Battery Positive Voltage	I	-
4	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
5	0.35 0.35	BU/VT BU	3813 2500	High Speed GMLAN Serial Data (+) 4 High Speed GMLAN Serial Data (+) 1	I I	UGN -UGN
6	0.35 0.35	WH WH	3811 2501	High Speed GMLAN Serial Data (-) 4 High Speed GMLAN Serial Data (-) 1	I I	UGN -UGN
7	0.35 0.35	BU/VT BU	3813 2500	High Speed GMLAN Serial Data (+) 4 High Speed GMLAN Serial Data (+) 1	I I	UGN -UGN

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35 0.35	WH WH	3811 2501	High Speed GMLAN Serial Data (-) 4 High Speed GMLAN Serial Data (-) 1	I I	UGN -UGN
9	0.35 0.35	GY/VT WH/BU	3808 5986	Front Object Sensor Control 2 Serial Data Communication Enable	I I	UGN -UGN
10	-	-	-	Not Occupied	-	-
11	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
12	-	-	-	Not Occupied	-	-

B187 FUEL LEVEL SENSOR ASSEMBLY



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13527865
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 280 GT Series, Sealed (NA)

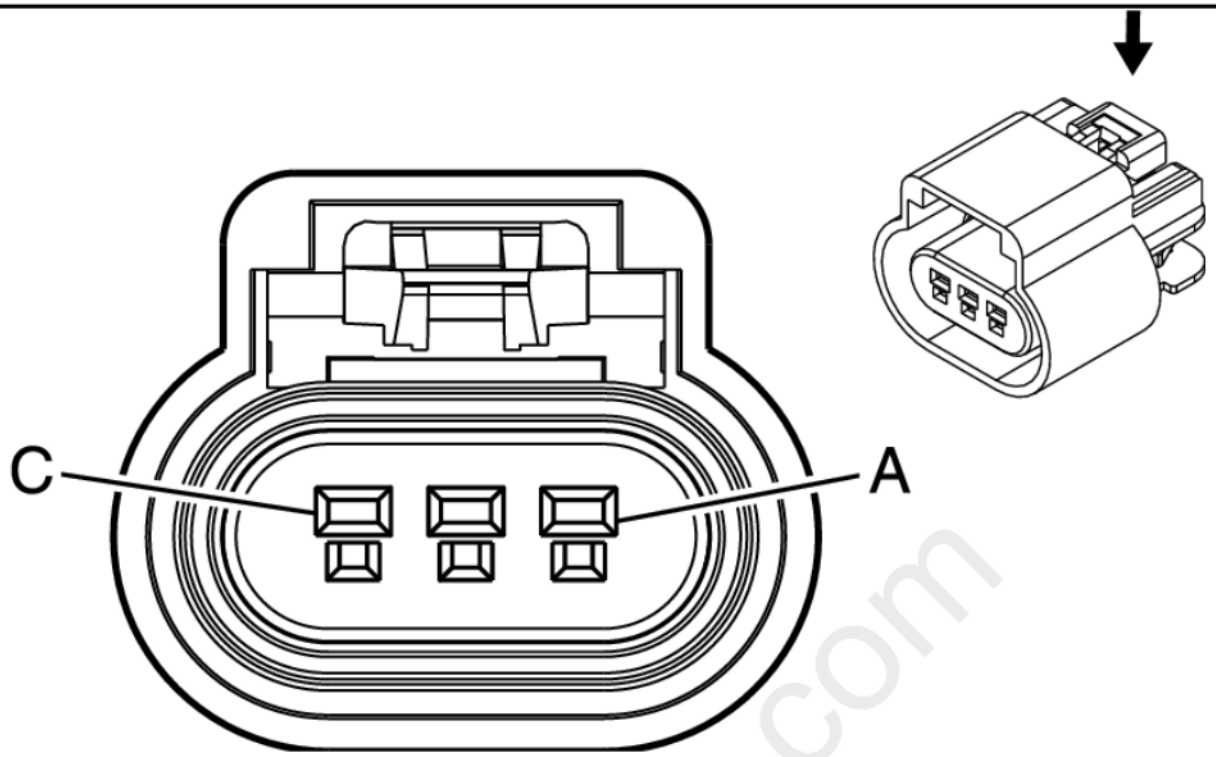
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK/GN	6281	Fuel Level Sensor Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	BU/WH	1937	Secondary Fuel Level Sensor Signal	I	-

B197 CHARGE PORT DOOR POSITION SWITCH (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

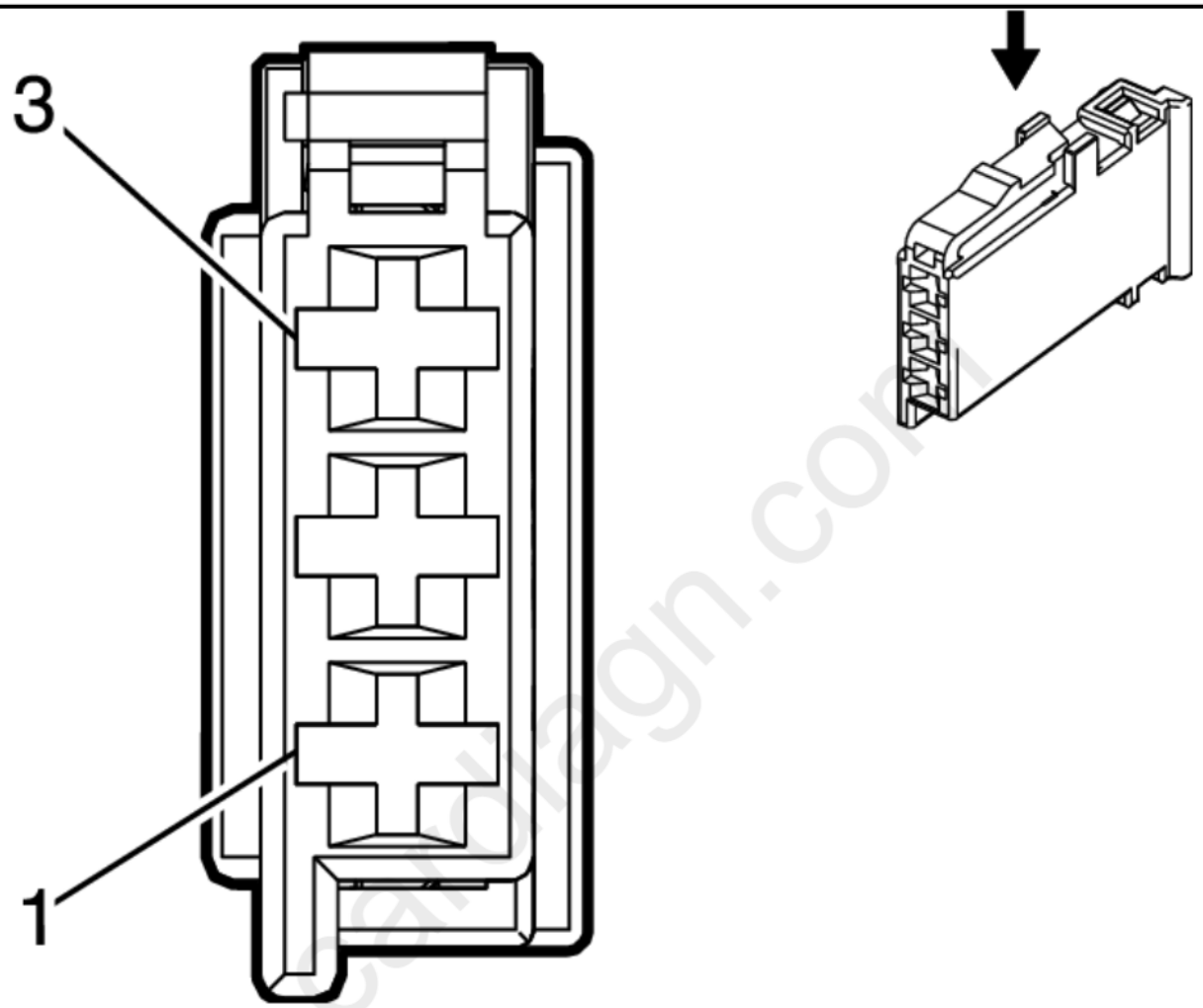
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/BU	3697	Charge Port Door Sensor Signal	I	-
B	0.5	GY	9697	-	I	-
C	0.5	BK	2350	Ground	I	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

E8SB REAR COMPARTMENT COURTESY LAMP - LEFT MIDDLE (AQ9)



Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

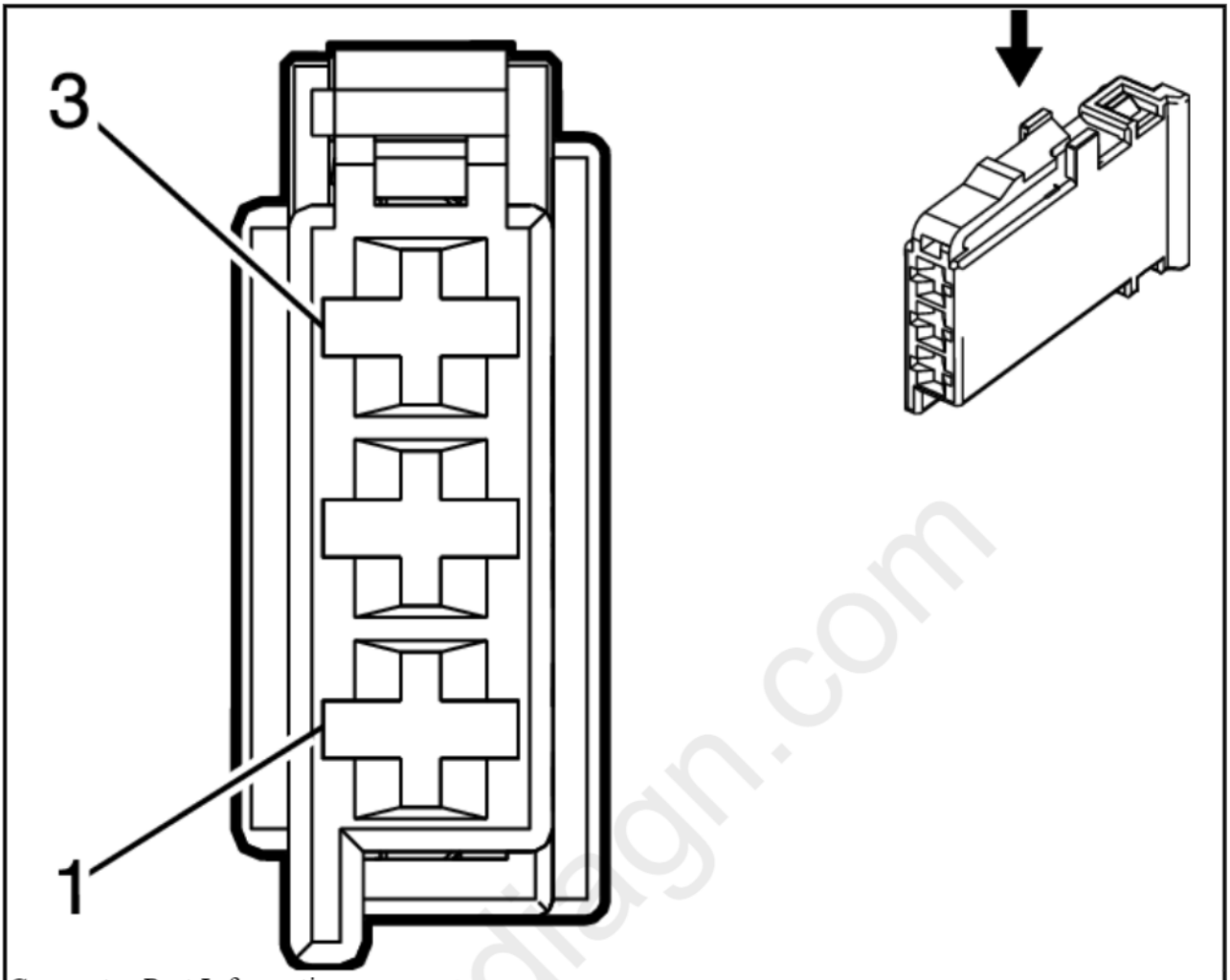
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8SC REAR COMPARTMENT COURTESY LAMP - MIDDLE (AQ9)



Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

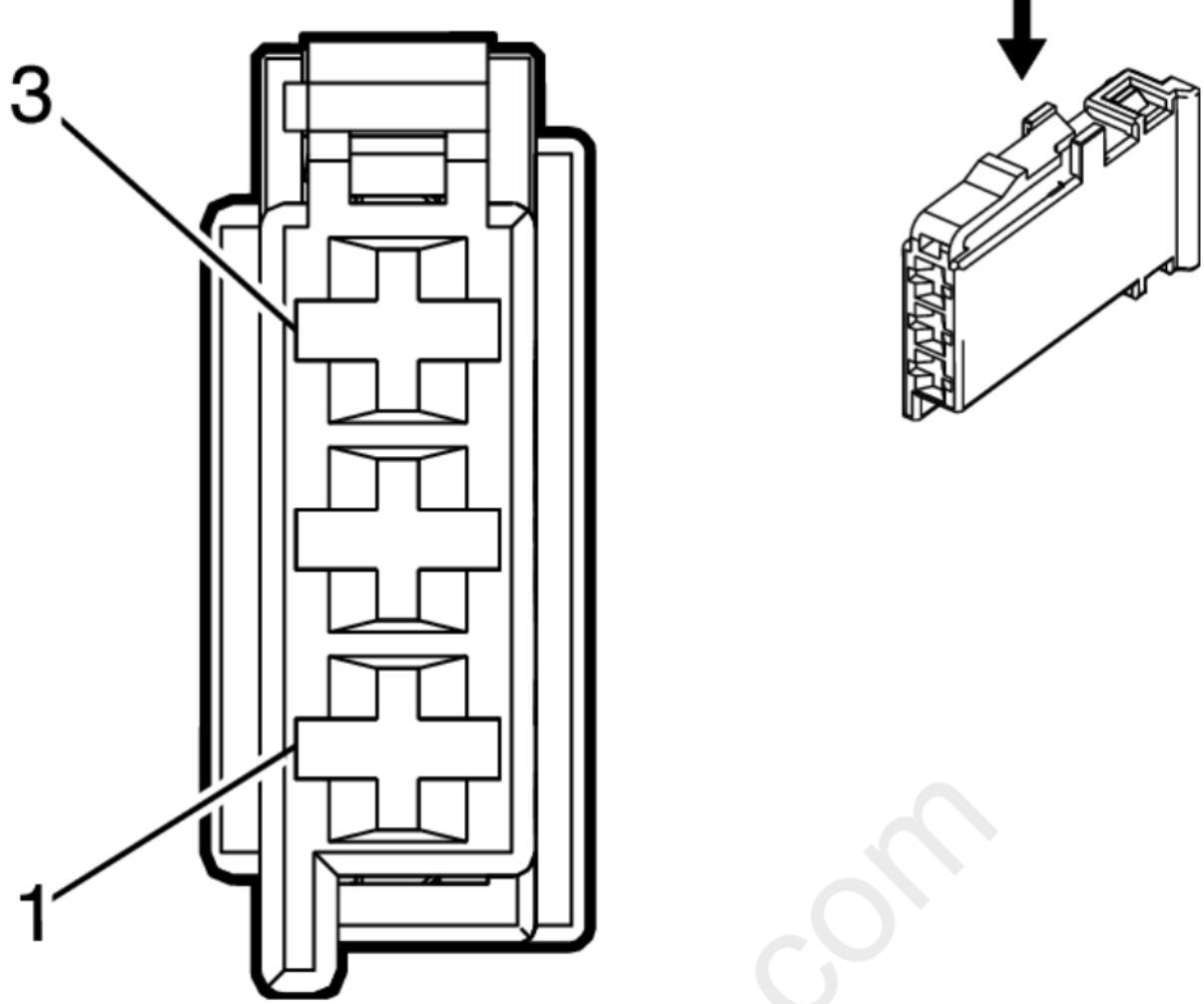
cardiagn.com

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8SD REAR COMPARTMENT COURTESY LAMP - RIGHT MIDDLE (AQ9)



Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

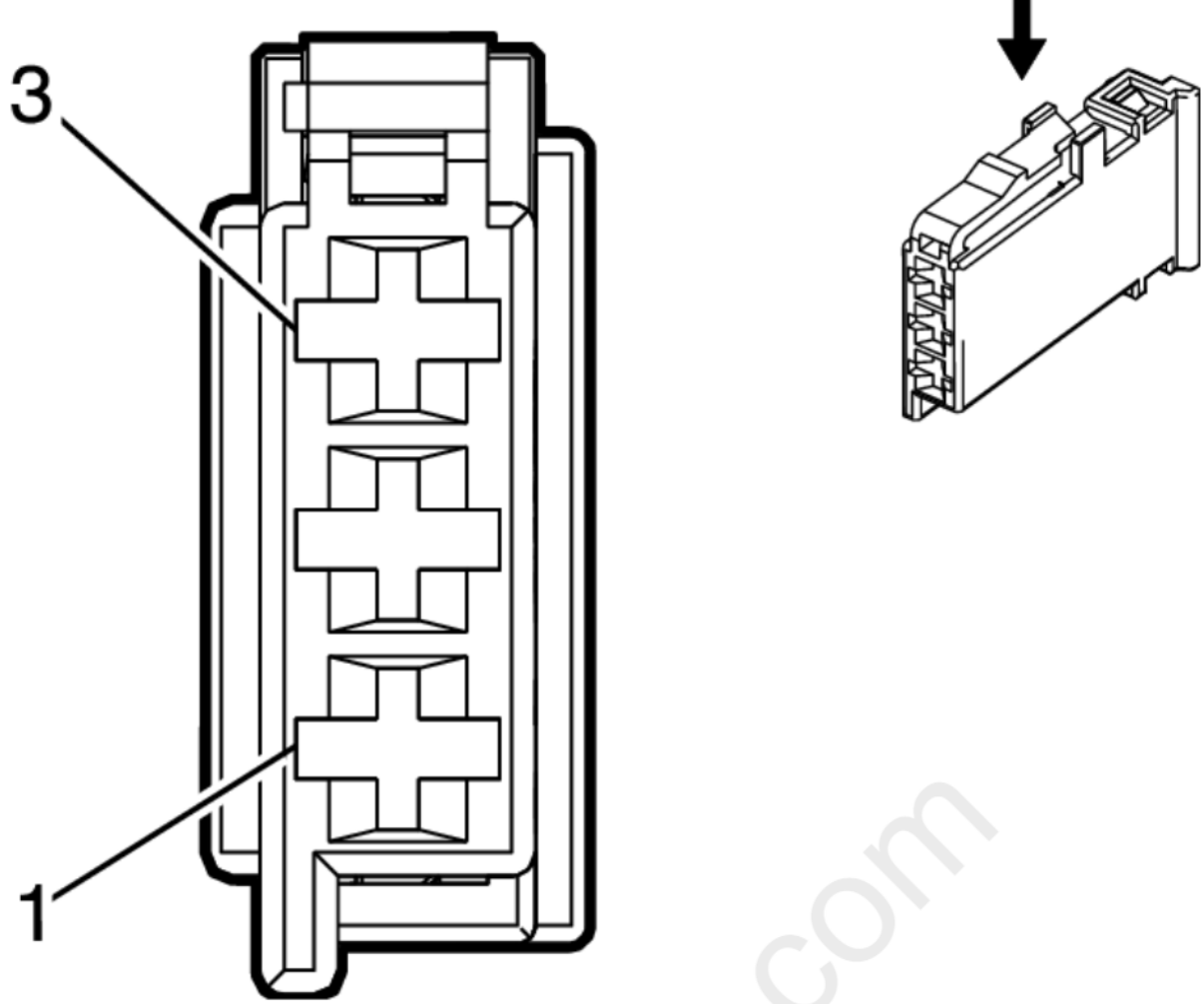
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8SE REAR COMPARTMENT COURTESY LAMP - RIGHT OUTER (AQ9)

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Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

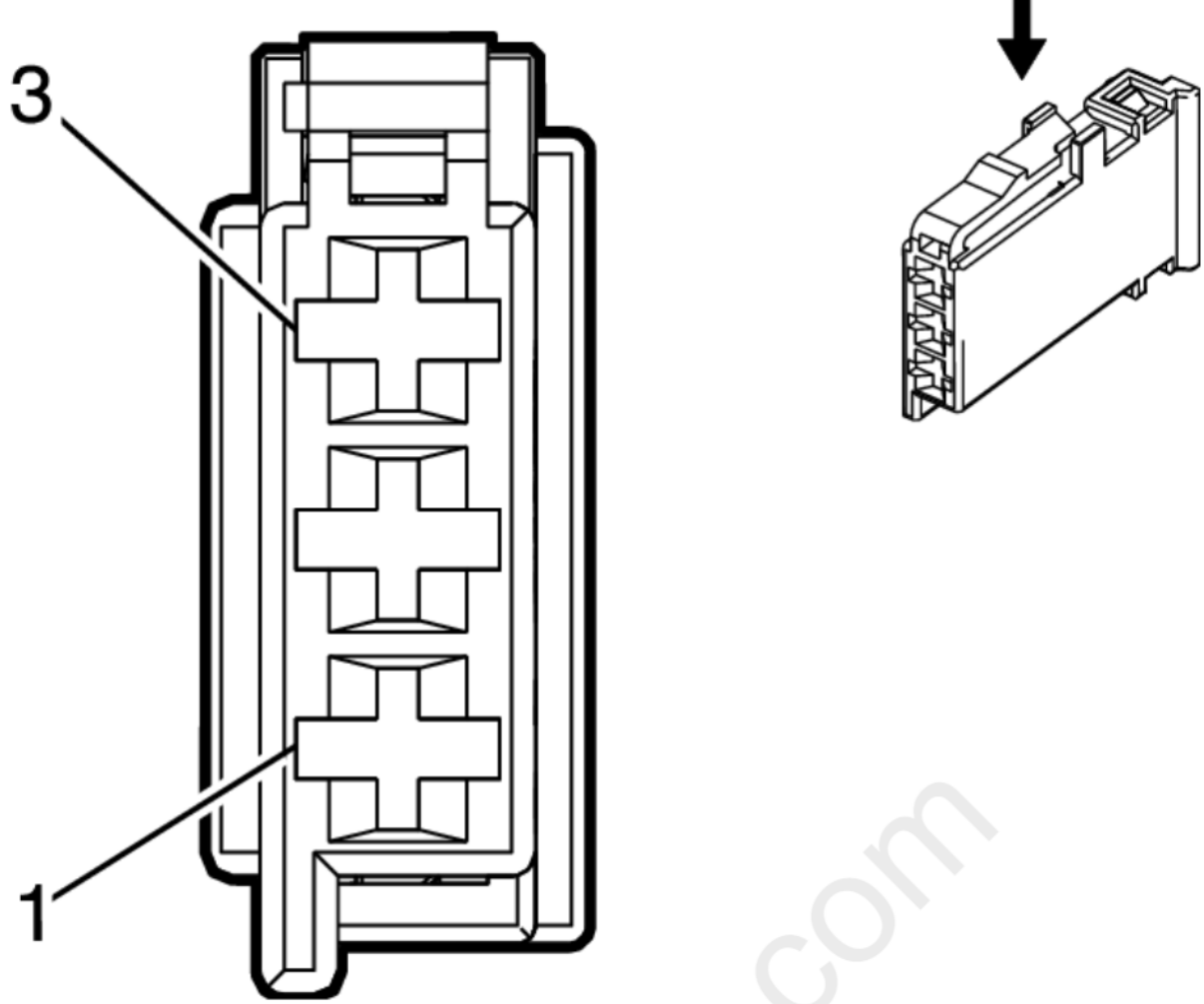
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E8VB FLOOR COURTESY LAMP - LEFT REAR (TSQ)

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Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

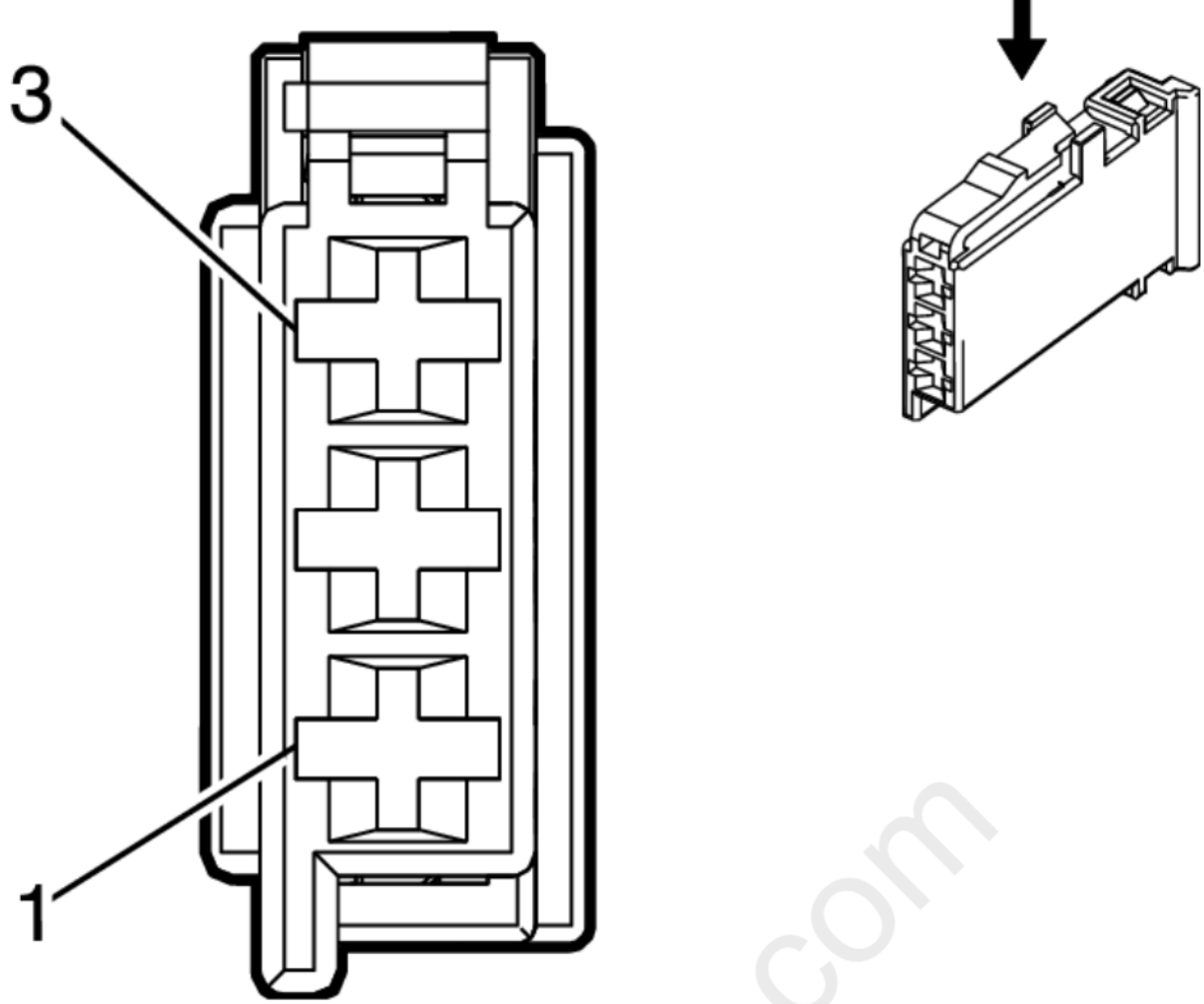
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2150	Ground	I	-
3	0.35	WH/YE	7557	LED Ambient Lighting Control 1	I	-

E8VD FLOOR COURTESY LAMP - RIGHT REAR (TSQ)

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Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

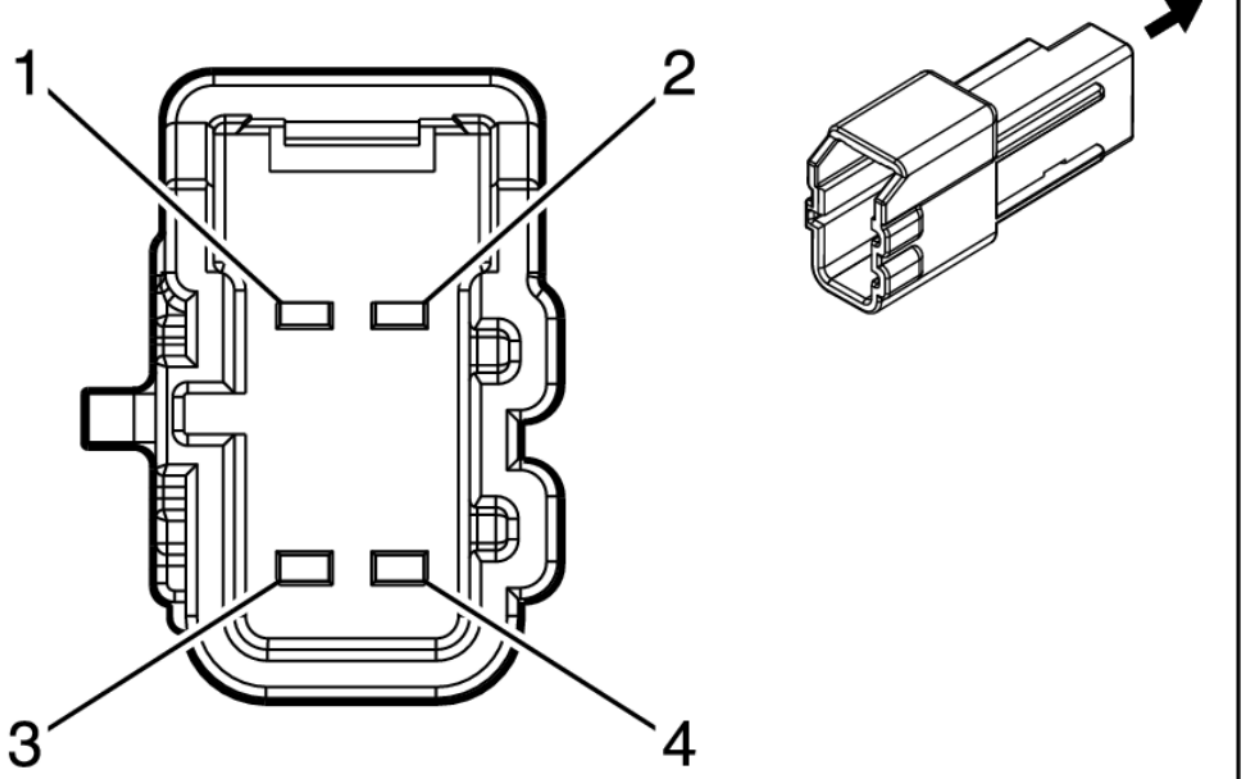
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	BK	2250	Ground	I	-
3	0.35	WH/YE	7557	LED Ambient Lighting Control 1	I	-

E14A SEAT HEATING ELEMENT - DRIVER BACK (KA1)

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Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M (GY)

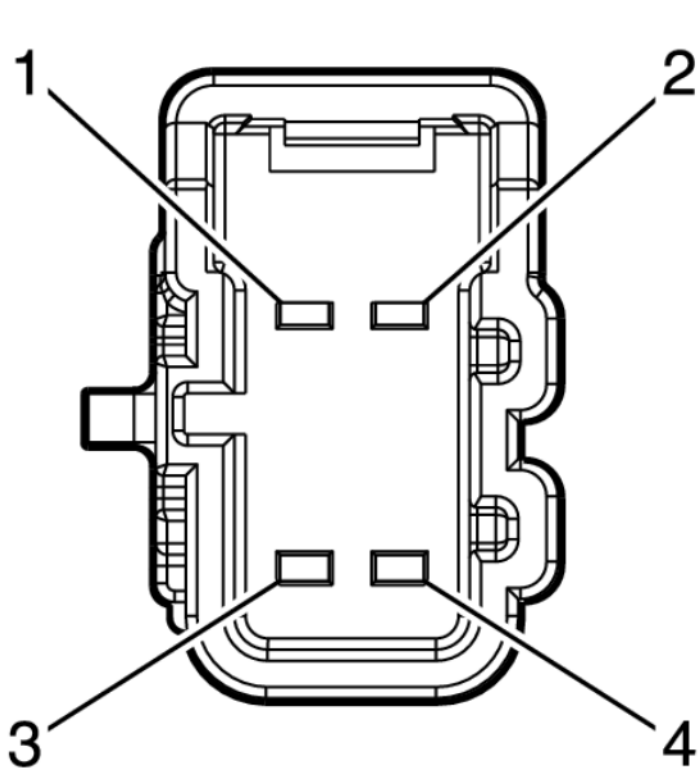
Terminal Part Information

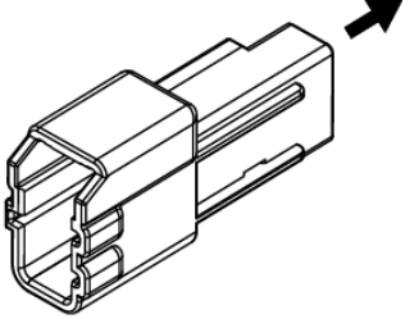
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN	2432	Driver Heated Back Element Control	I	-
2	0.35	BU	2425	Driver Heated Back NTC Signal	I	-
3	0.35	BK/VT	2080	Driver Heated Seat NTC Low Reference	I	-
4	0.75	BN/BK	2078	Driver Heated Seat Element Low Reference	I	-

E14B SEAT HEATING ELEMENT - DRIVER CUSHION (KA1)

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M (BK)

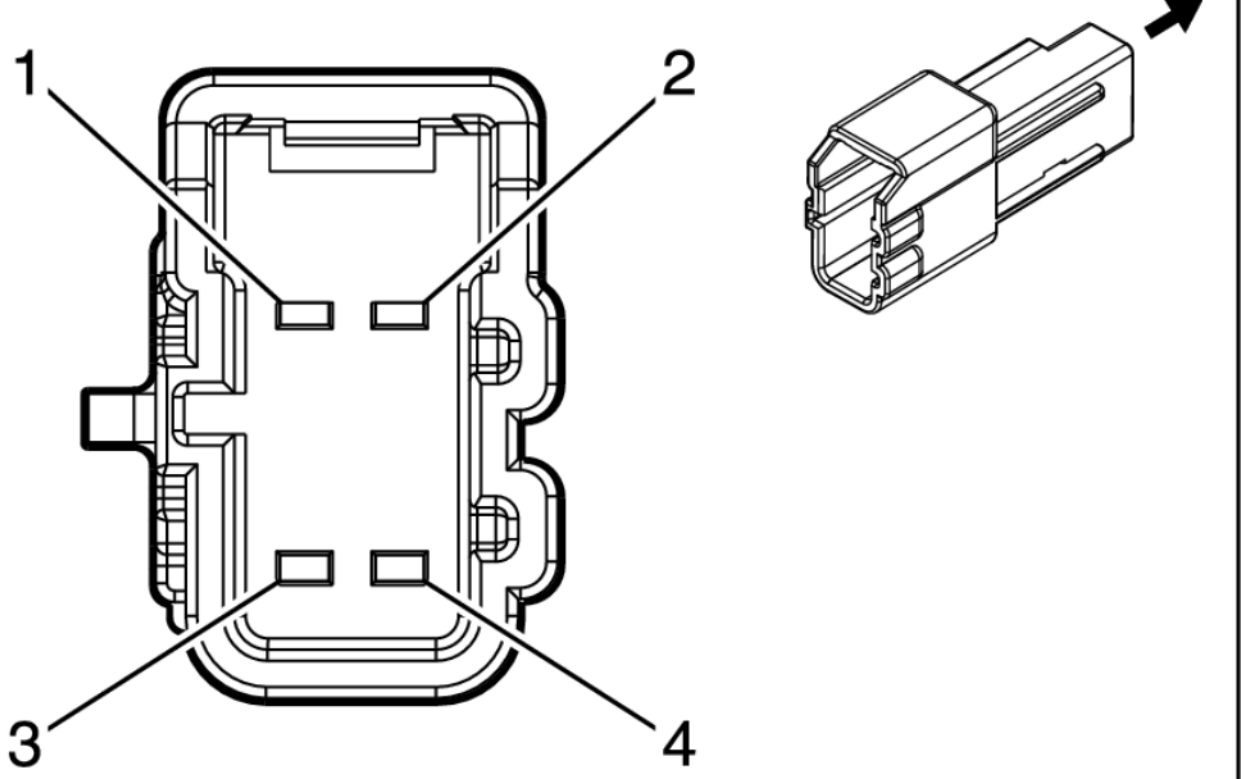
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/VT	2077	Driver Heated Seat Element Control	I	-
2	0.35	YE/GY	2079	Driver Heated Seat NTC Signal	I	-
3	0.35	BK/YE	2080	Driver Heated Seat NTC Low Reference	I	-
4	0.75	BN/BK	2078	Driver Heated Seat Element Low Reference	I	-

E14C SEAT HEATING ELEMENT - PASSENGER BACK (KA1)

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Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M (GY)

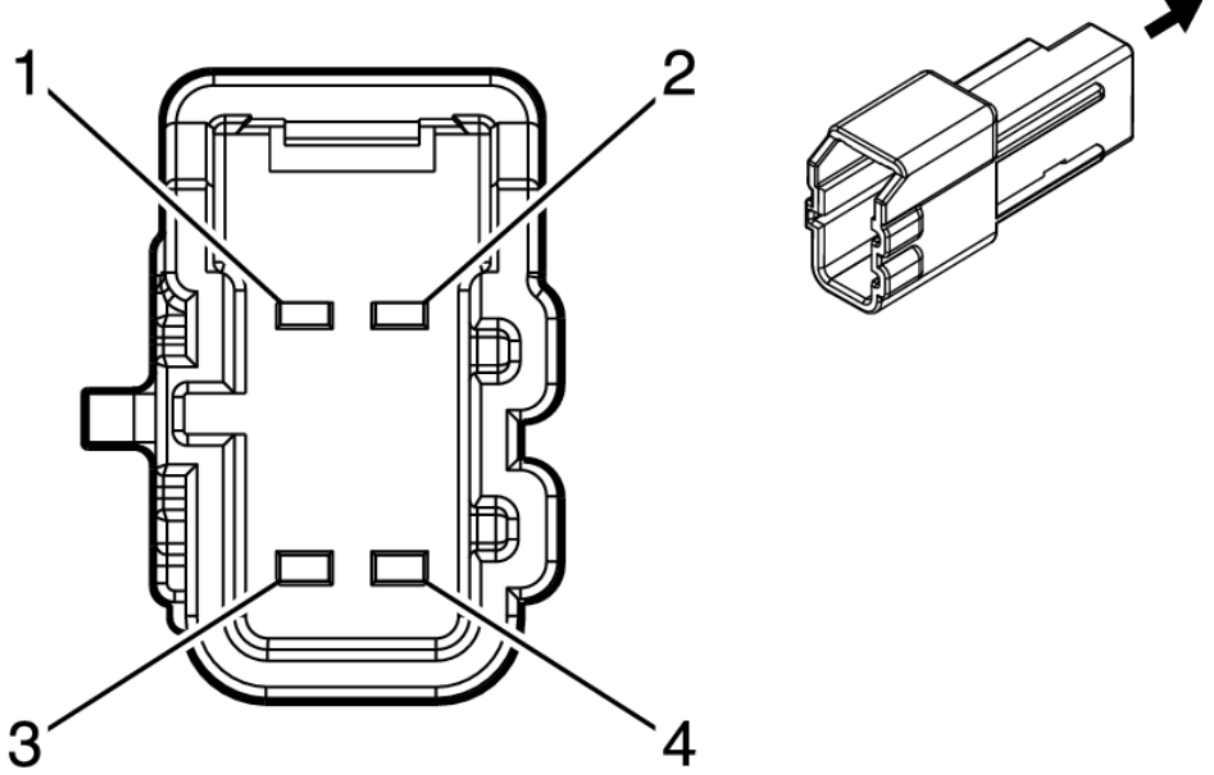
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/BN	2481	Passenger Heated Back Element Control	I	-
2	0.35	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
3	0.35	BK/GY	2482	Passenger Heated Back NTC Low Reference	I	-
4	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-

E14D SEAT HEATING ELEMENT - PASSENGER CUSHION (KA1)

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M (BK)

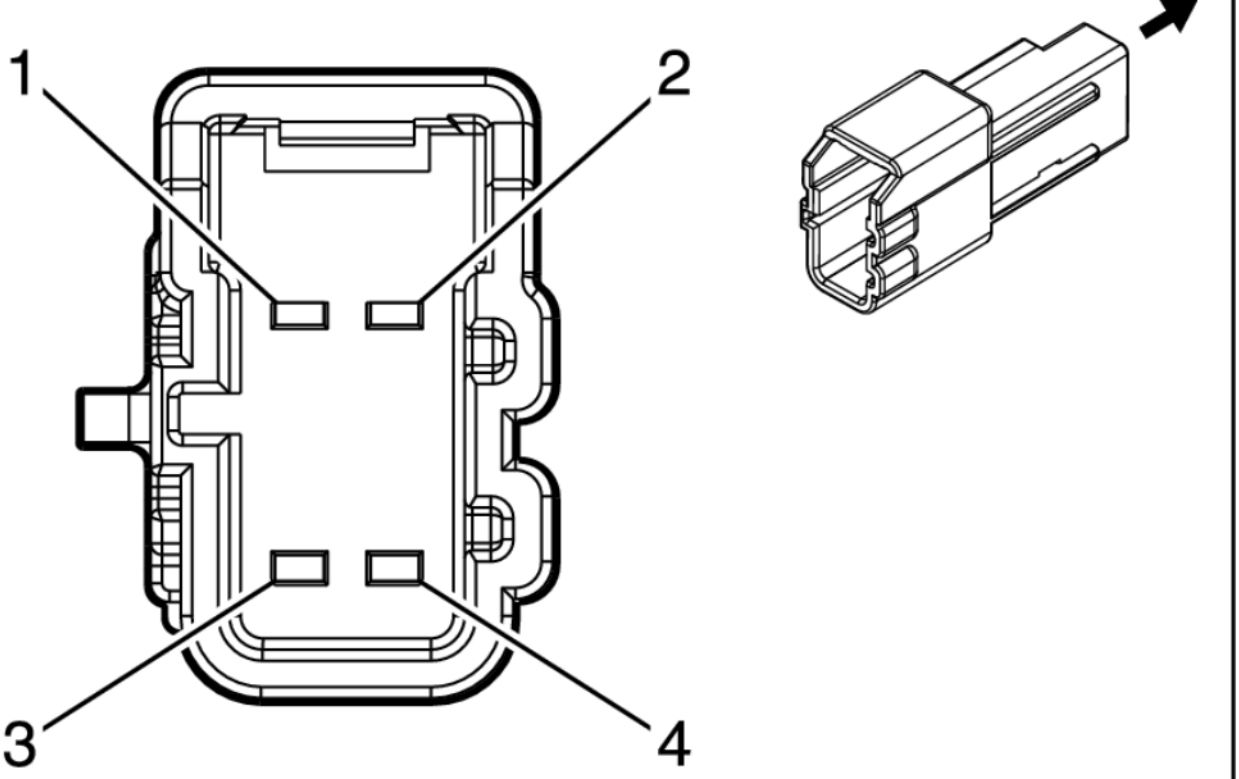
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
2	0.35	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-
3	0.35	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
4	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-

E14E SEAT HEATING ELEMENT - LEFT REAR BACK (KA6+AQ9)

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Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series

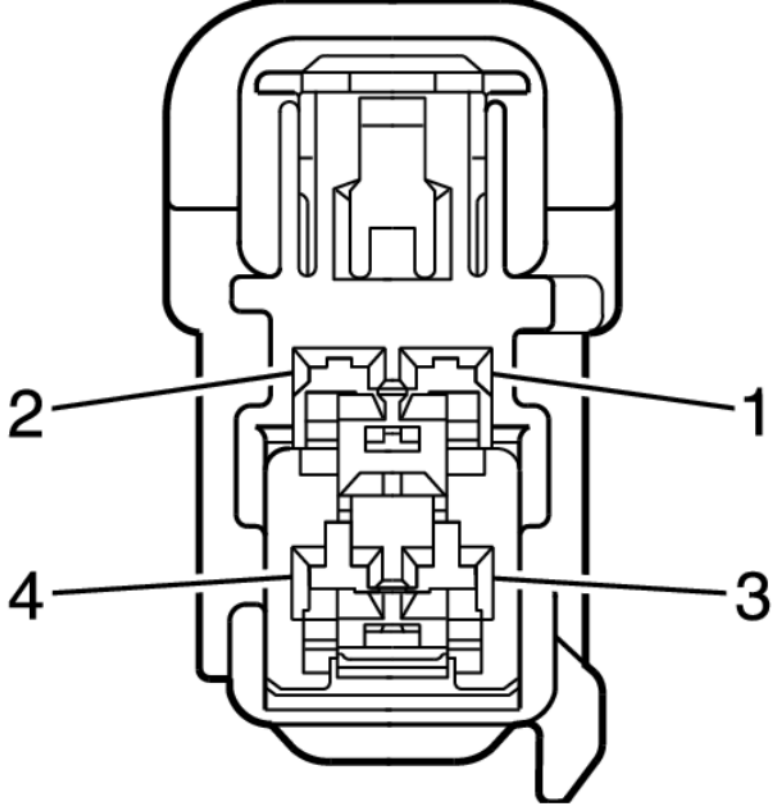
Terminal Part Information

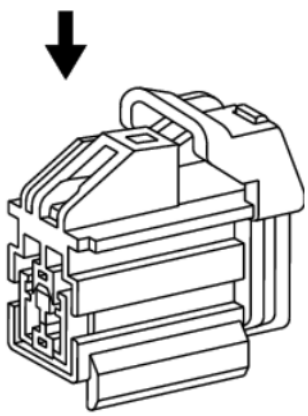
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BN	2445	Left Rear Heated Seat Element Control	I	-
2	0.35	GN/YE	7045	Left Rear Seat Back NTC Signal	I	-
3	0.35	BU/WH	7046	Left Rear Seat Back NTC Low Reference	I	-
4	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-

E14E SEAT HEATING ELEMENT - LEFT REAR BACK (KA6-AQ9)

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Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

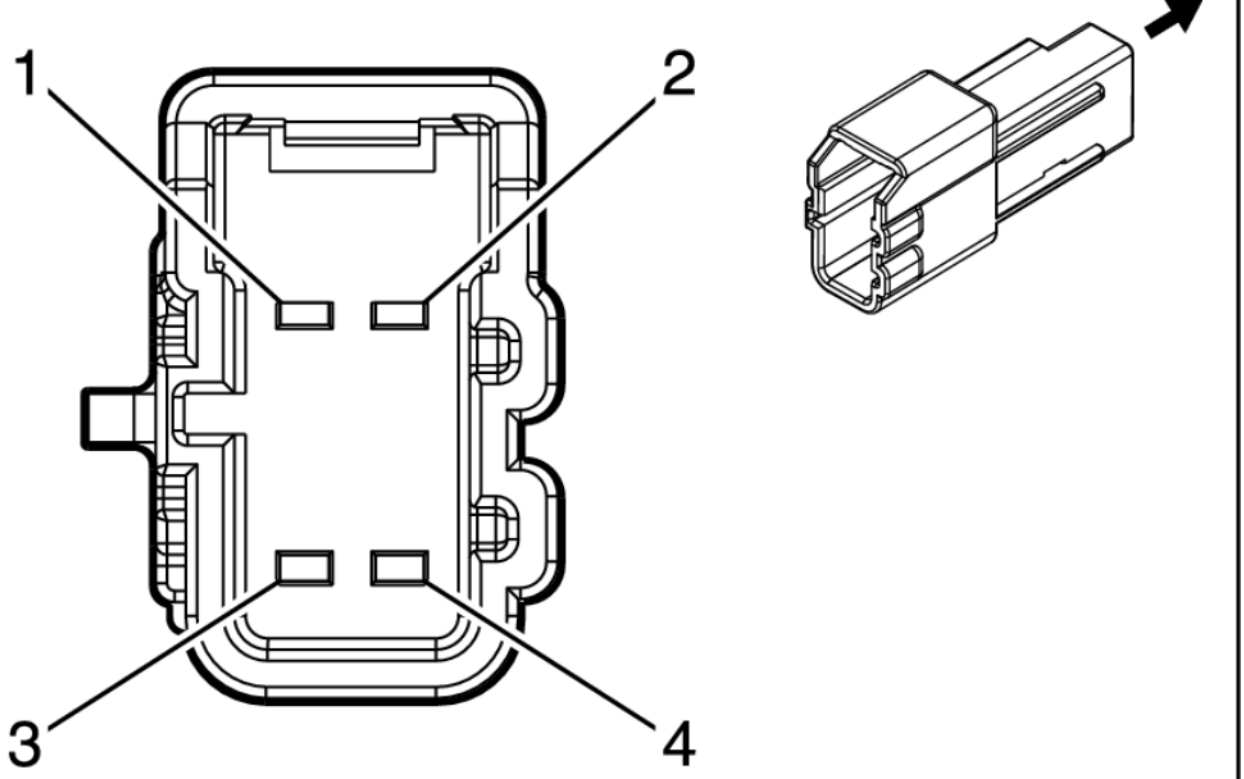
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BN	2445	Left Rear Heated Seat Element Control	I	-
2	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-
3	0.35	GN/YE	7045	Left Rear Seat Back NTC Signal	I	-
4	0.35	BU/WH	7048	Left Rear Cushion NTC Low Reference	I	-

E14F SEAT HEATING ELEMENT - LEFT REAR CUSHION (KA6+AQ9)

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Connector Part Information

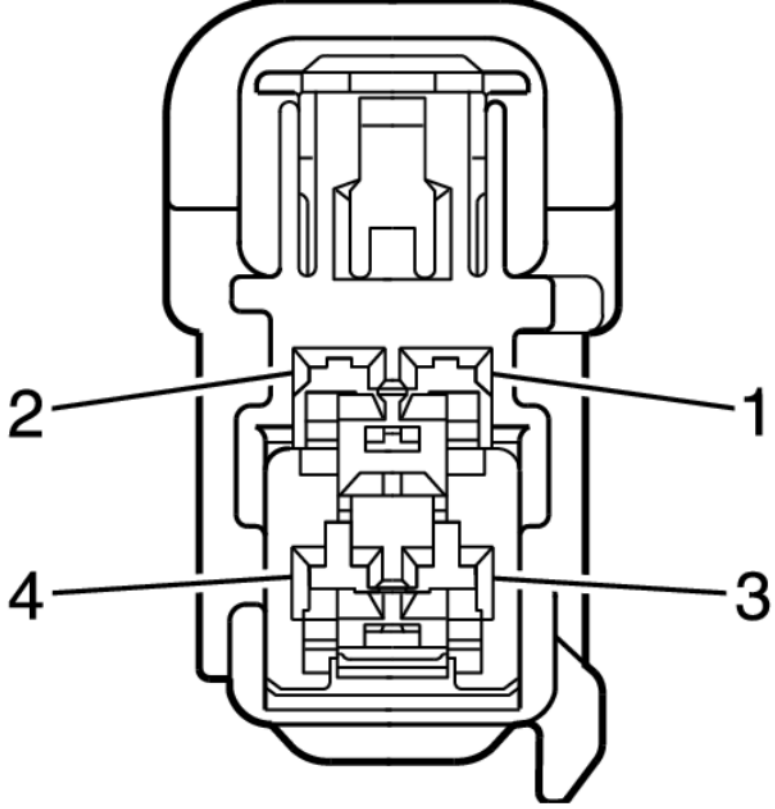
- Harness Type: Left Rear Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series

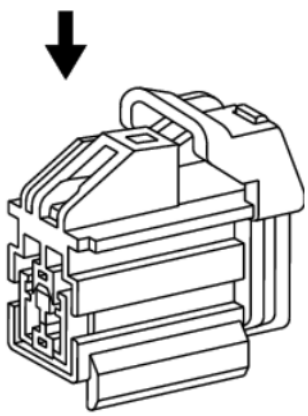
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
2	0.35	WH/BU	7047	Left Rear Cushion NTC Signal	I	-
3	0.35	BU/WH	7048	Left Rear Cushion NTC Low Reference	I	-
4	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-

E14F SEAT HEATING ELEMENT - LEFT REAR CUSHION (KA6-AQ9)





Connector Part Information

- Harness Type: Left Rear Seat Cushion
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

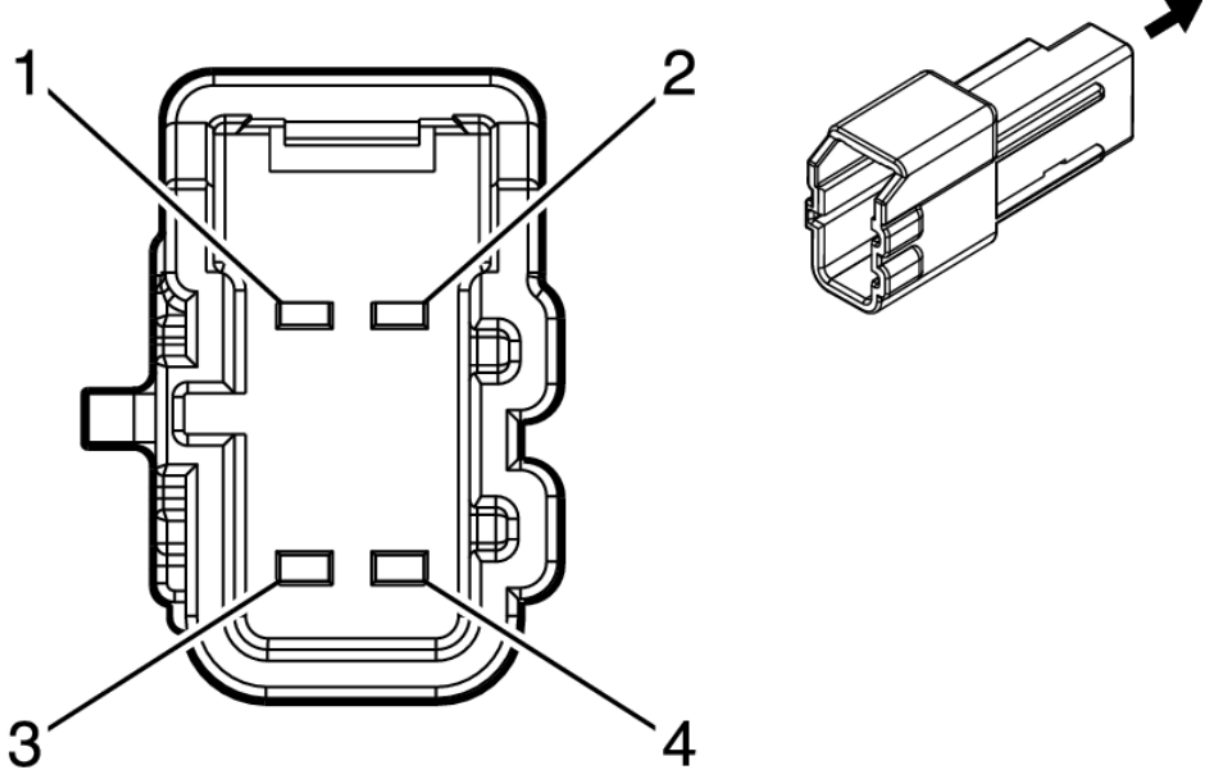
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
2	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-
3	0.35	WH/BU	7047	Left Rear Cushion NTC Signal	I	-
4	0.35	BU/WH	7048	Left Rear Cushion NTC Low Reference	I	-

E14G SEAT HEATING ELEMENT - RIGHT REAR BACK (KA6+AQ9)

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Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series

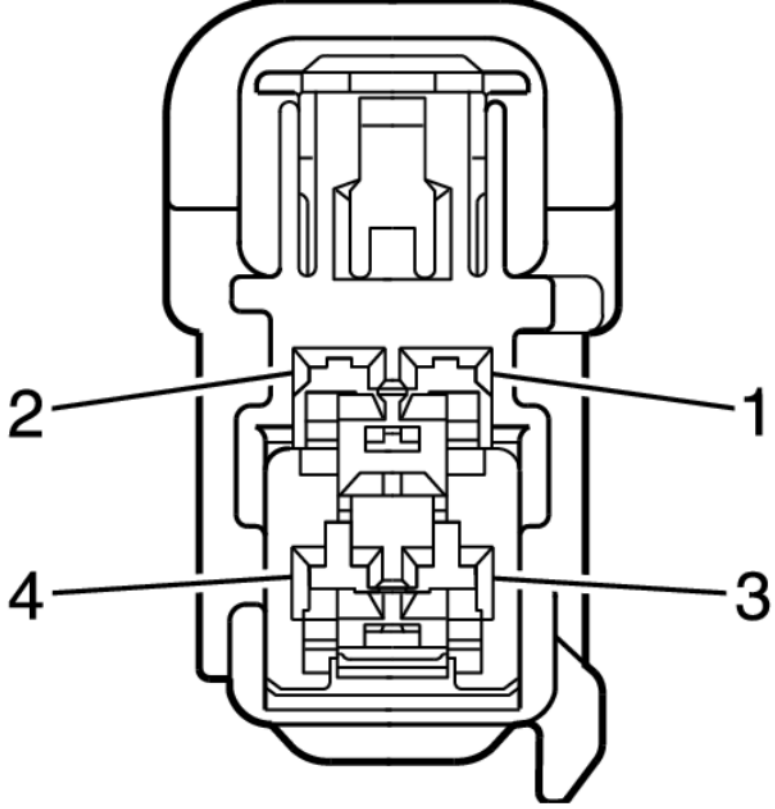
Terminal Part Information

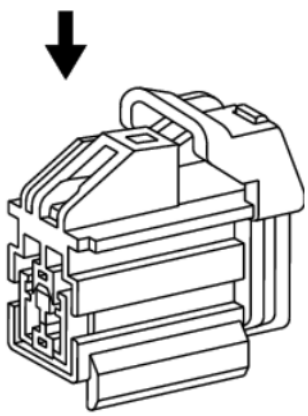
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/VT	2455	Right Rear Heated Seat Element Control	I	-
2	0.35	YE	7049	Right Rear Seat Back NTC Signal	I	-
3	0.35	WH/BK	7052	Right Rear Seat Back NTC Low Reference	I	-
4	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-

E14G SEAT HEATING ELEMENT - RIGHT REAR BACK (KA6-AQ9)

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Connector Part Information

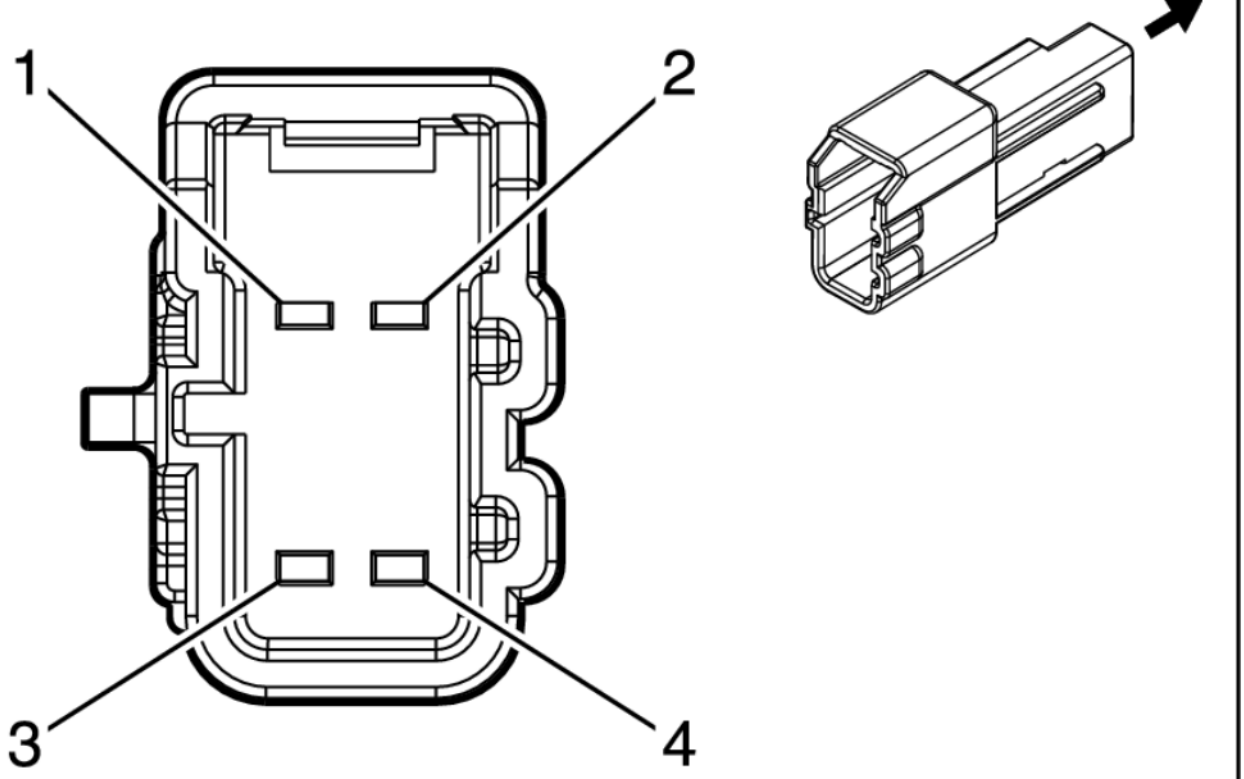
- Harness Type: Right Rear Seat
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/VT	2455	Right Rear Heated Seat Element Control	I	-
2	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
3	0.35	YE	7049	Right Rear Seat Back NTC Signal	I	-
4	0.35	YE/BK	7052	Right Rear Seat Back NTC Low Reference	I	-

E14H SEAT HEATING ELEMENT - RIGHT REAR CUSHION (KA6+AQ9)



Connector Part Information

- Harness Type: Right Rear Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series

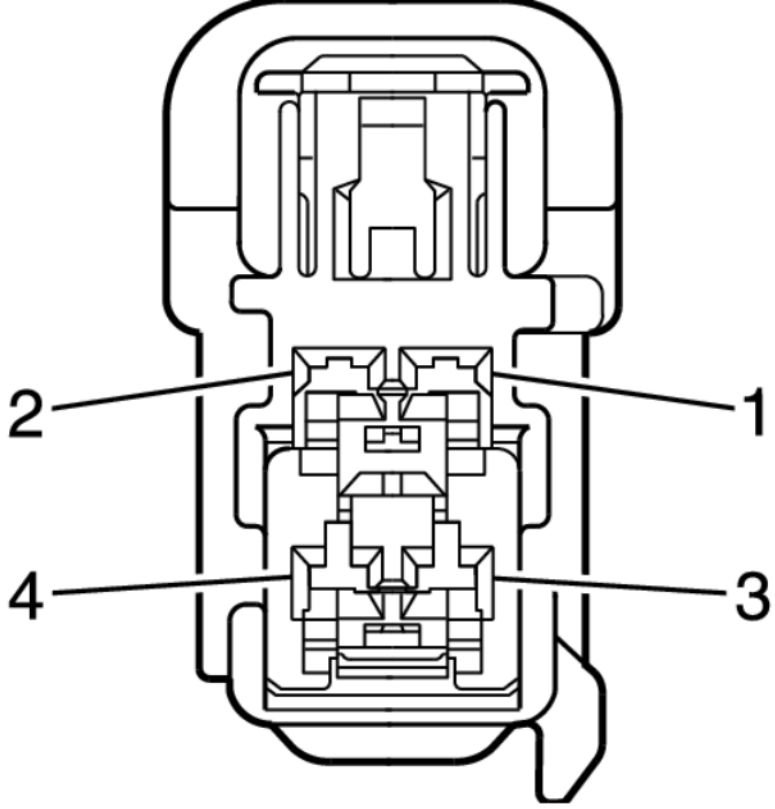
Terminal Part Information

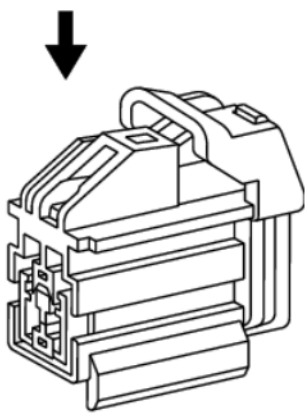
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
2	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
3	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
4	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-

E14H SEAT HEATING ELEMENT - RIGHT REAR CUSHION (KA6-AQ9)

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Connector Part Information

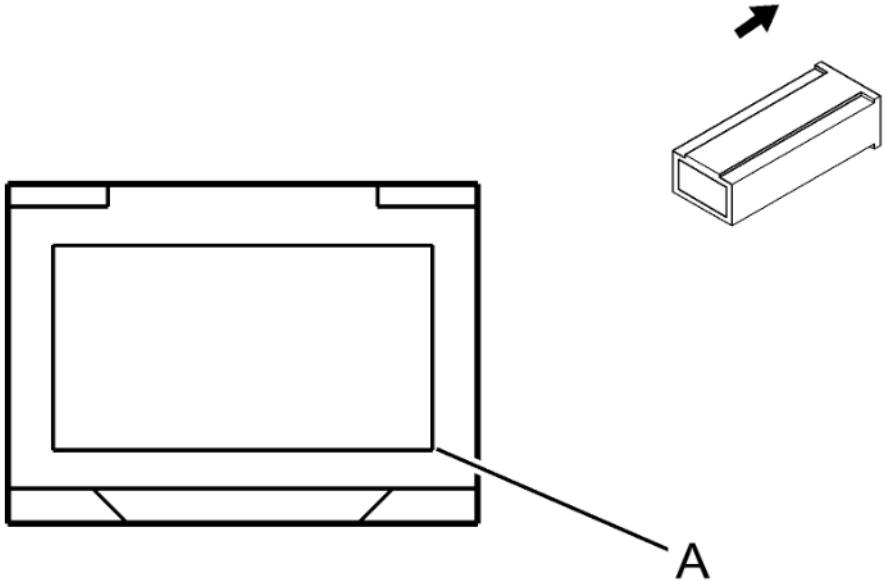
- Harness Type: Right Rear Seat Cushion
- OEM Connector: 19178074
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
2	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
3	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
4	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-

E18 REAR DEFOGGER GRID X1



Connector Part Information

- Harness Type: Rear Window Defogger Noise Filter - Left
- OEM Connector: 13129191
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F 6.3 Series (BK)

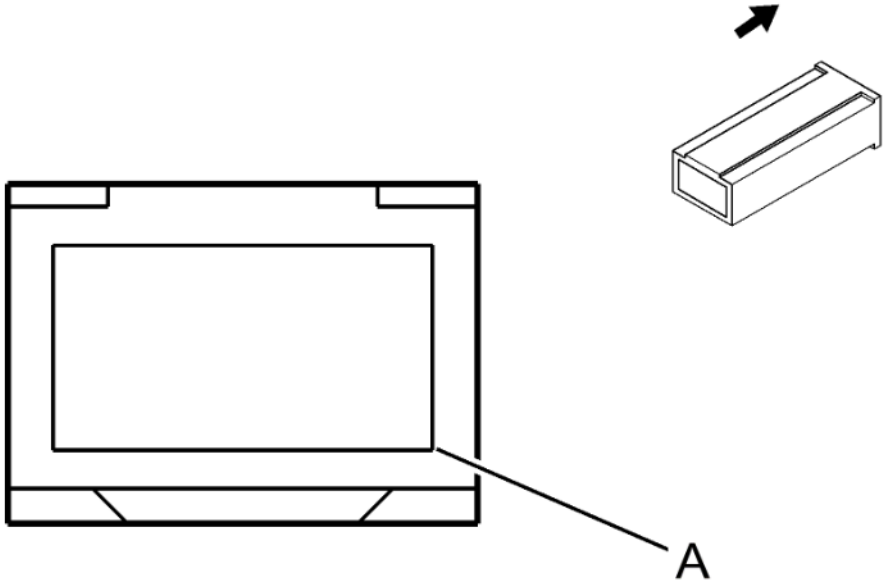
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	BK	293	Rear Defog Element Control	I	-

E18 REAR DEFOGGER GRID X2

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Connector Part Information

- Harness Type: Rear Window Defogger Noise Filter - Right
- OEM Connector: 13129191
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F 6.3 Series (BK)

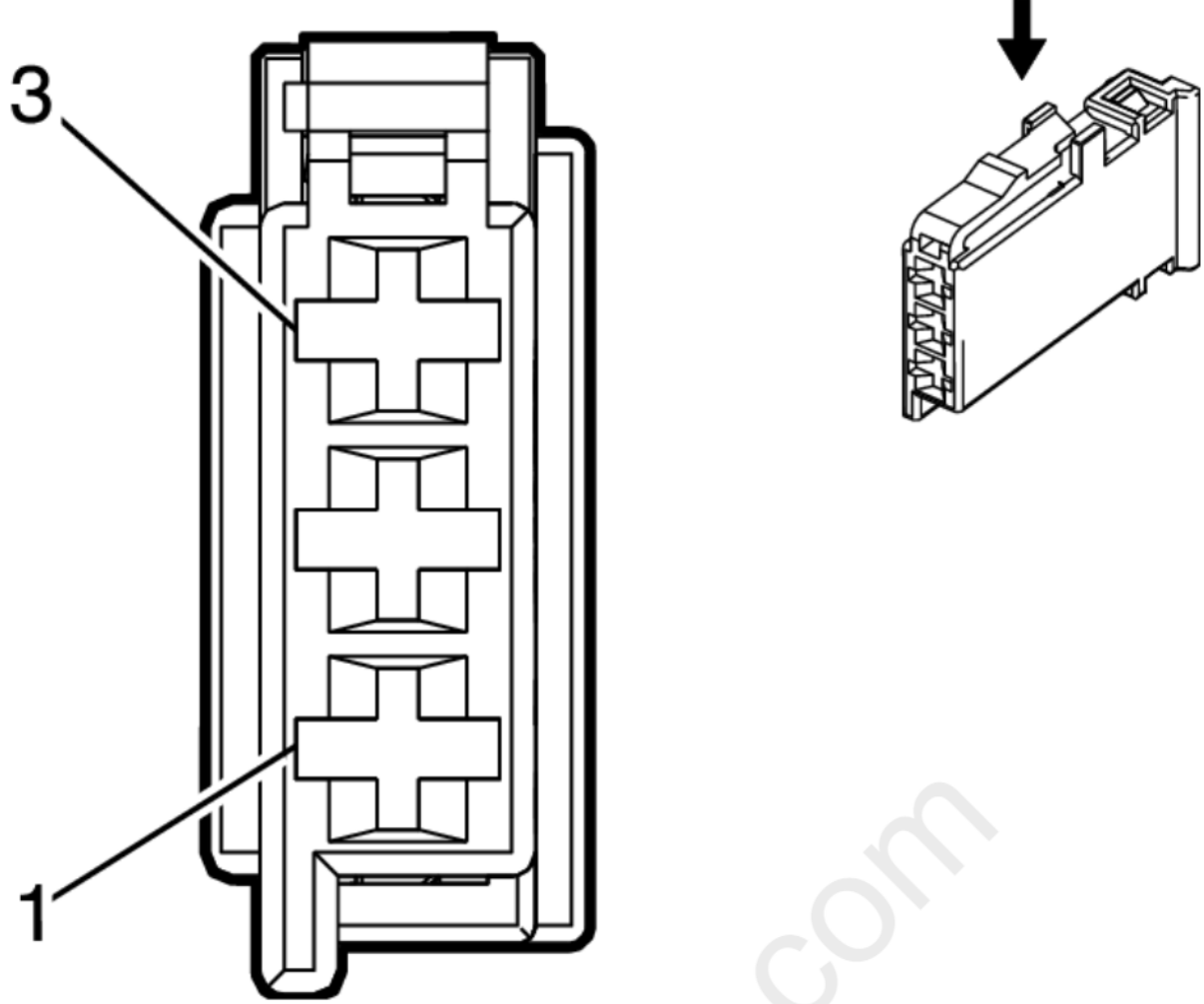
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	BK	3050	Ground	I	-

E27 INSTRUMENT PANEL COMPARTMENT LAMP

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

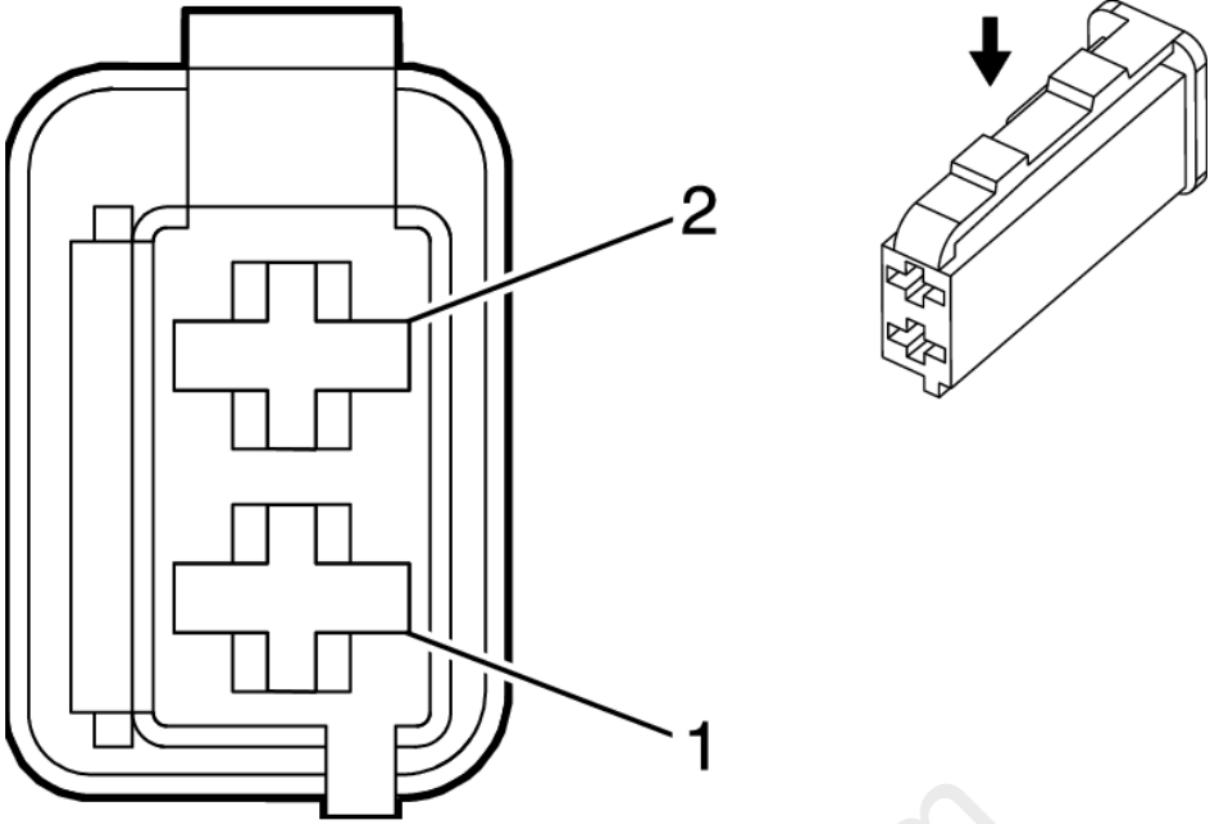
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	175	Glove Box Lamp Control	I	-
2	0.35	BK	1450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E28 CENTER CONSOLE COMPARTMENT LAMP

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Connector Part Information

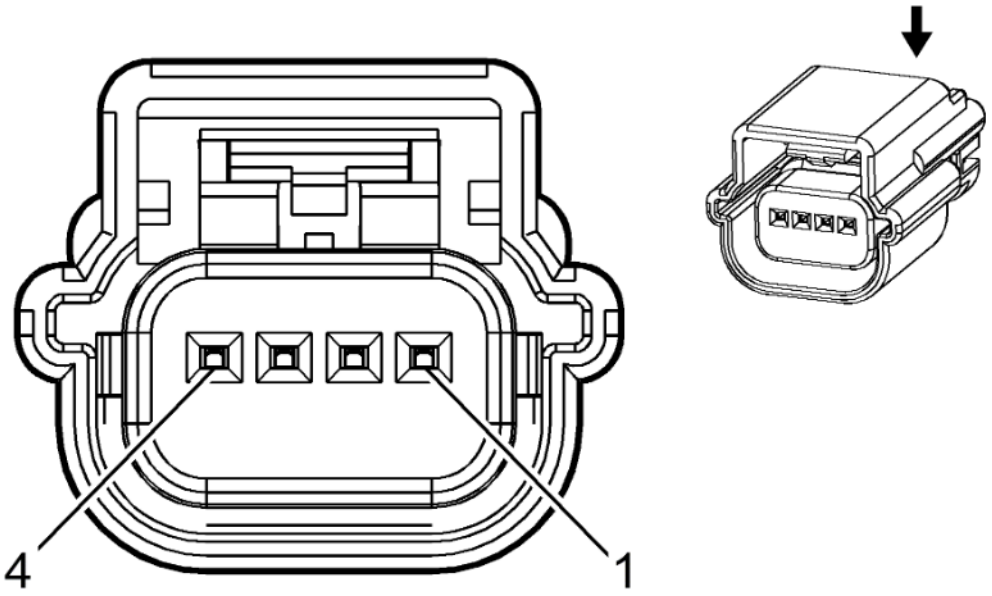
- Harness Type: Floor Console
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT/GN	7558	LED Ambient Lighting Control 2	I	-
2	-	BK	1450	Ground	I	-

E29R FOG LAMP - REAR (T79)



Connector Part Information

- Harness Type: Back Up Lamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F Sealed

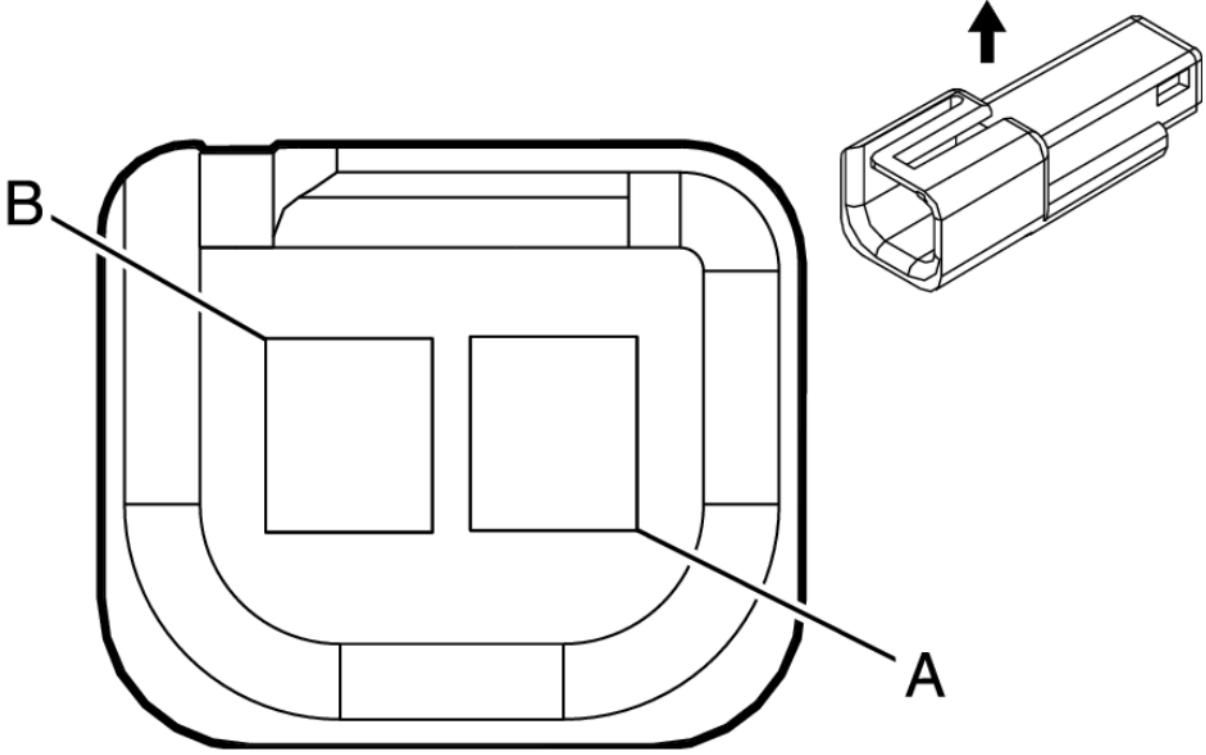
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	122	Rear Fog Lamp Control	I	-
2	0.5	BK	3850	Ground	I	-
3 - 4	-	-	-	Not Occupied	-	-

E31L SUNSHADE MIRROR LAMP - LEFT

carlegn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

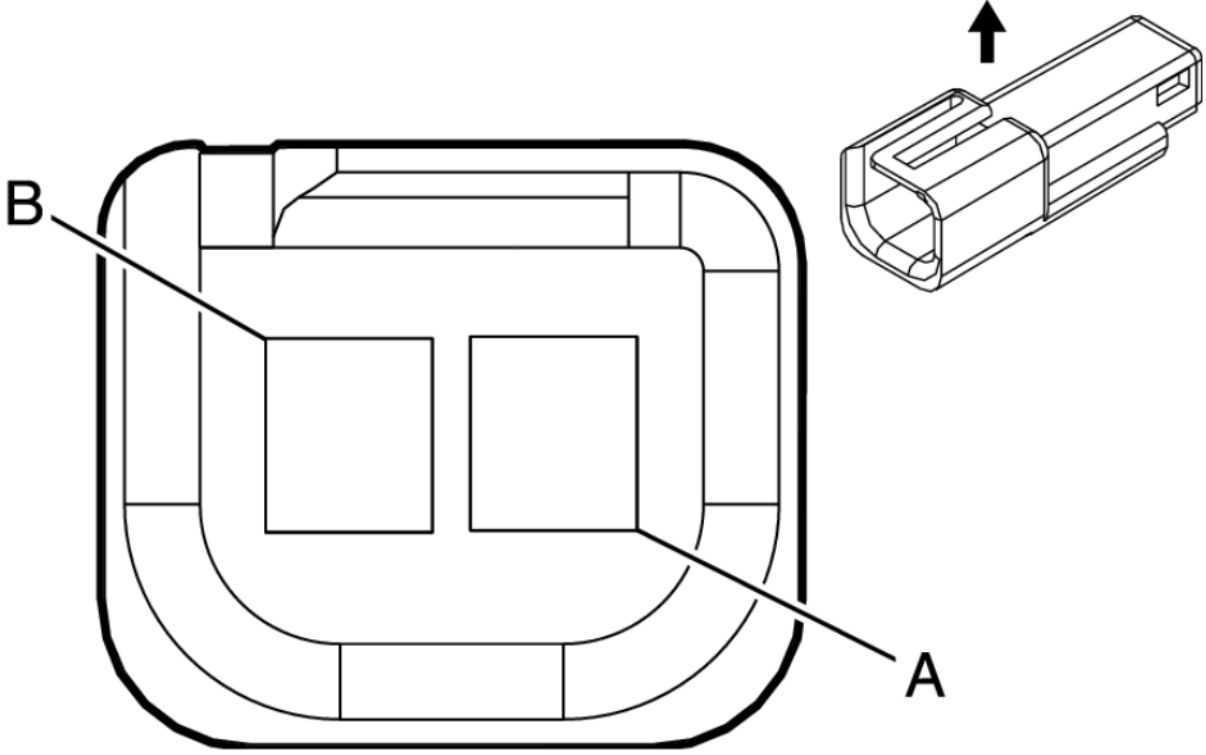
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	1450	Ground	I	-

E31R SUNSHADE MIRROR LAMP - RIGHT

cardiagn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

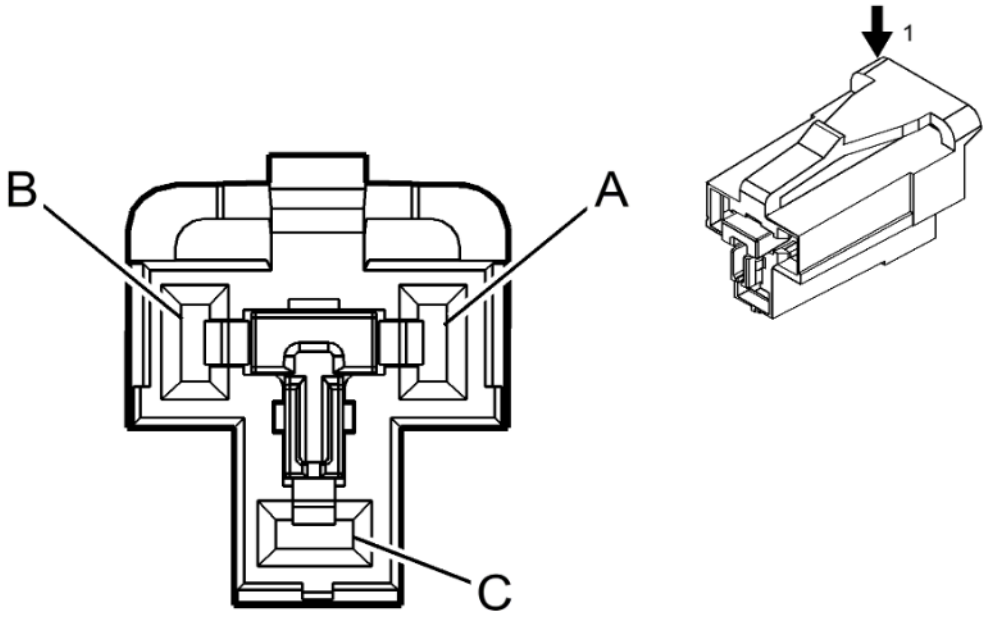
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	1450	Ground	I	-

E32F CIGARETTE LIGHTER RECEPTACLE - FRONT (DUJ/SAO)

carlogon.com



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13855150
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 Apex Series (GY)

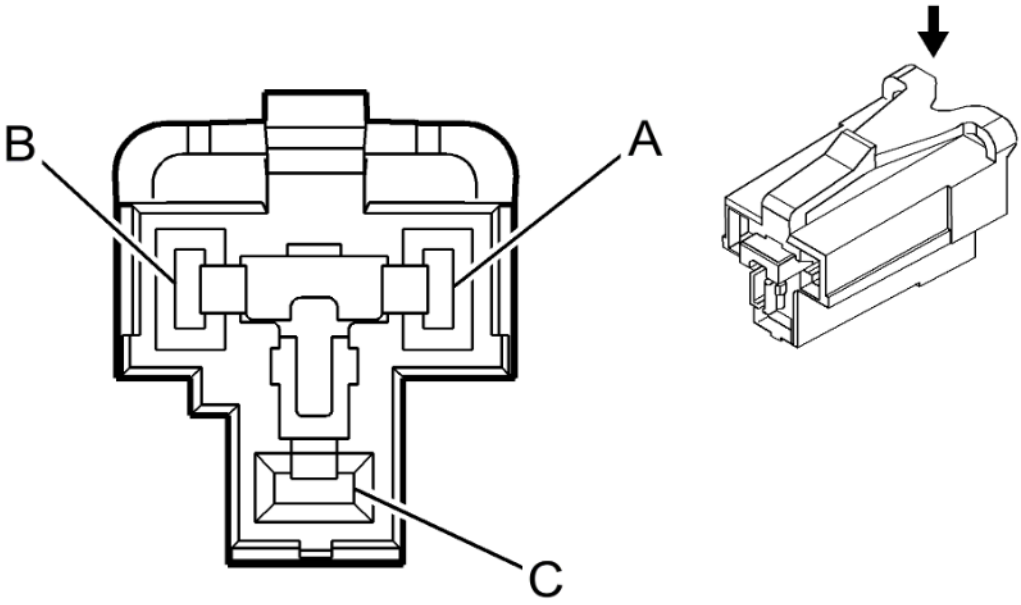
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	1001	Retained Accessory Power Ignition	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	1450	Ground	I	-

E32R CIGARETTE LIGHTER RECEPTACLE - REAR (DUJ)

carlogn.com



Connector Part Information

- Harness Type: Right Rear Seat Cushion
- OEM Connector: 13589102
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 APEX Series (BK)

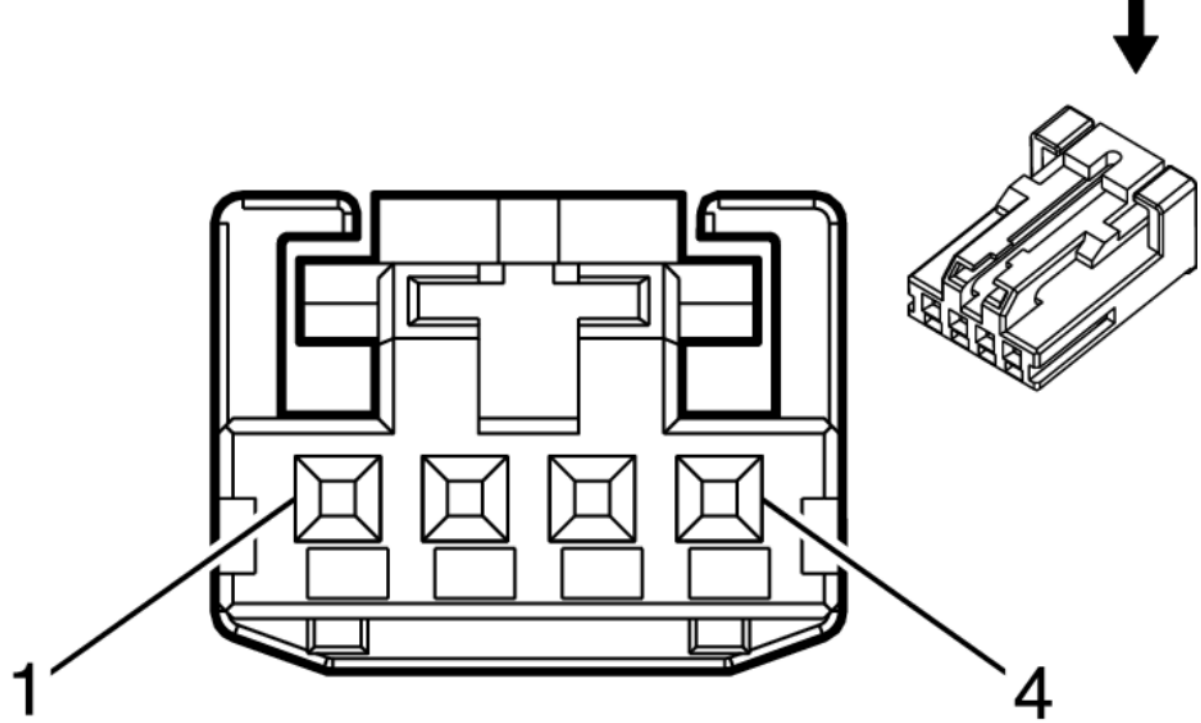
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1.0	VT	2101	Retained Accessory Power Fuse Ignition	I	-
B	0.5	YE	6817	LED Backlight Dimming Control	I	-
C	1.0	BK	2350	Ground	I	-

E37LF DOME/READING LAMPS - LEFT FRONT

cardiagn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13969166
- Service Connector: 13587297
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

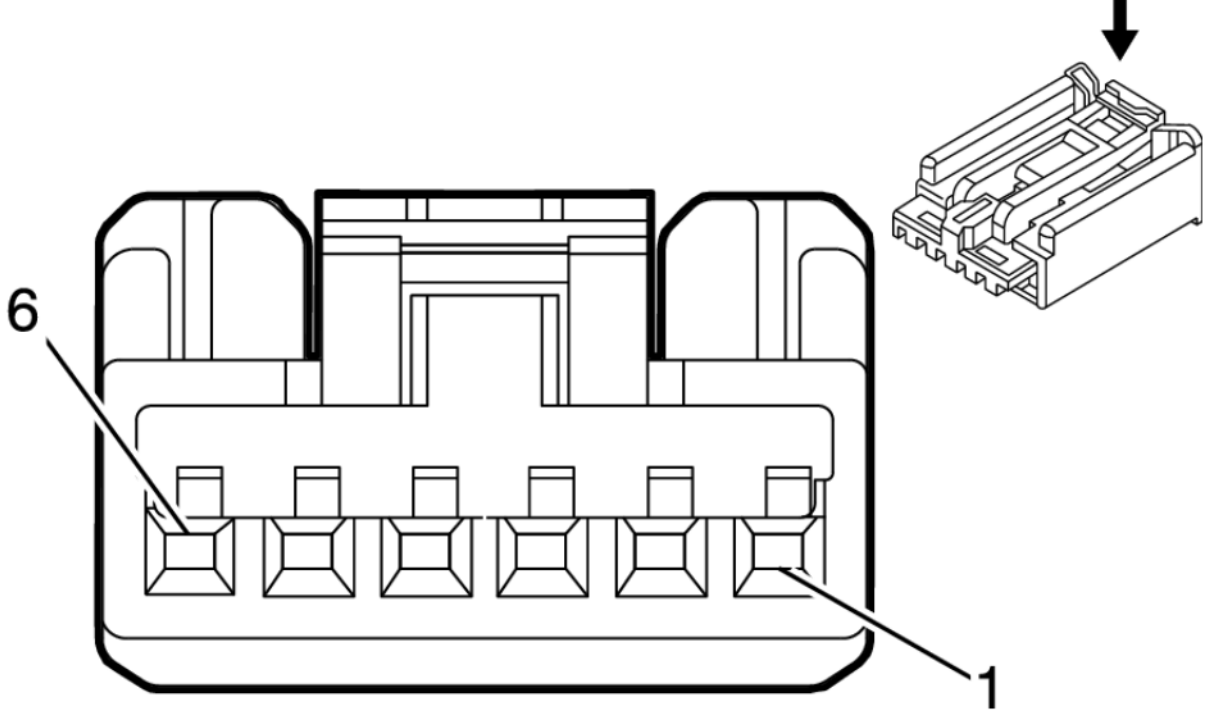
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1450	Ground	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.5	GY	157	Interior Lamp Control	I	-
4	0.5	BN	6815	Inadvertent Power Control	I	-

E37LR DOME/READING LAMPS - LEFT REAR

cardiagn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

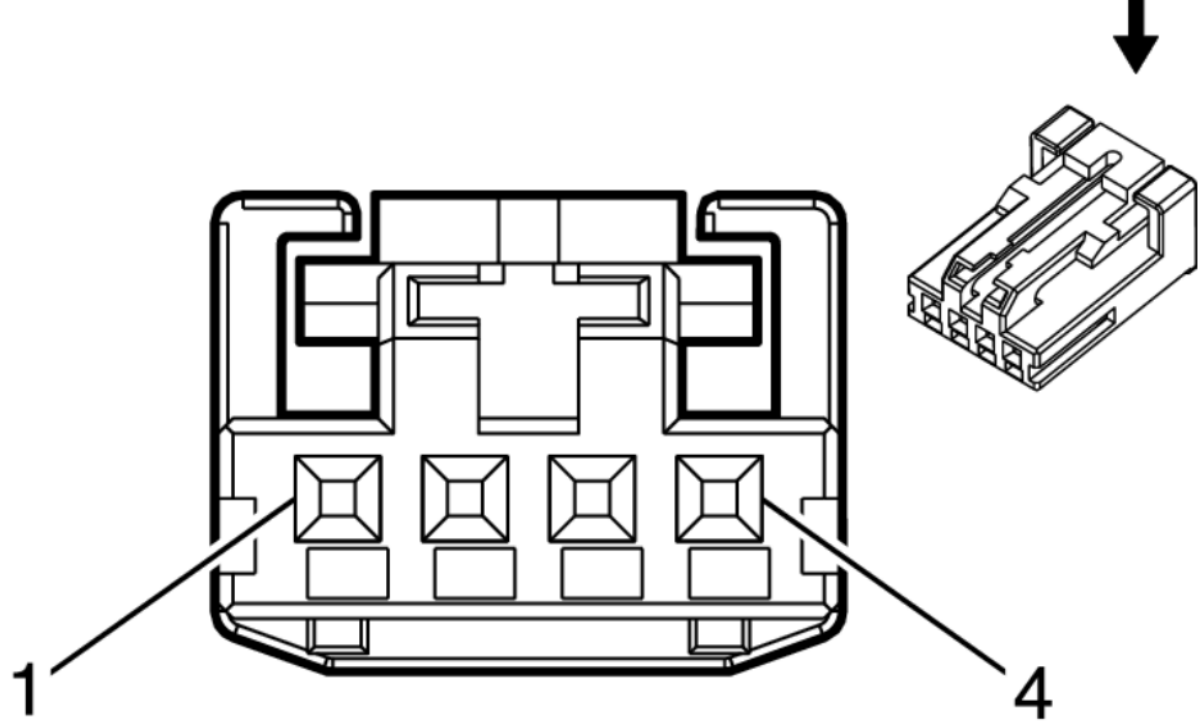
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6815	Inadvertent Power Control	I	-
2	0.5	GY	157	Interior Lamp Control	I	-
3	0.35	YE	6817	LED Backlight Dimming Control	I	-
4	0.5	VT/GN	7558	LED Ambient Lighting Control 2	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BK	2450	Ground	I	-

E37RF DOME/READING LAMPS - RIGHT FRONT

cardiagn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13969166
- Service Connector: 13587297
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

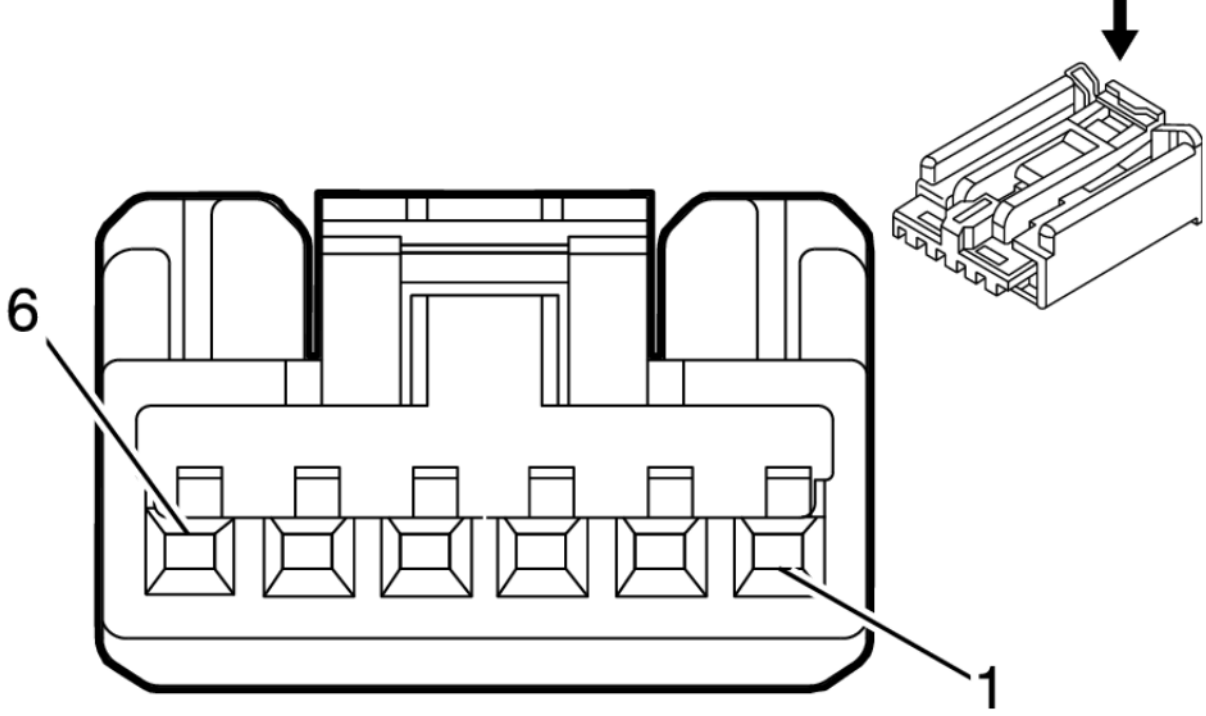
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1450	Ground	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.5	GY	157	Interior Lamp Control	I	-
4	0.5	BN	6815	Inadvertent Power Control	I	-

E37RR DOME/READING LAMPS - RIGHT REAR

cardiagn.com



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

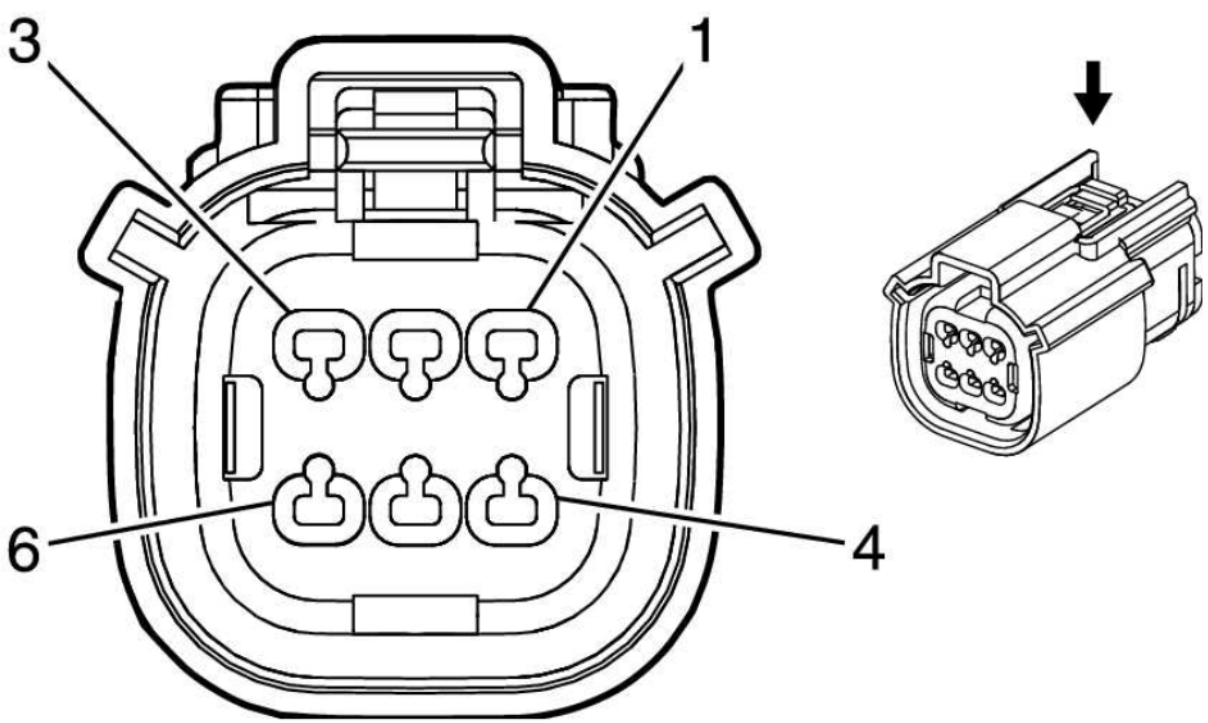
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6815	Inadvertent Power Control	I	-
2	0.5	GY	157	Interior Lamp Control	I	-
3	0.35	YE	6817	LED Backlight Dimming Control	I	-
4	0.5	VT/GN	7558	LED Ambient Lighting Control 2	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BK	2450	Ground	I	-

E42L TAIL LAMP ASSEMBLY - LEFT (TVN)

cardiagn.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 15533832
- Service Connector: 19333336
- Description: 6-Way F 150 MX Series, Sealed (BK)

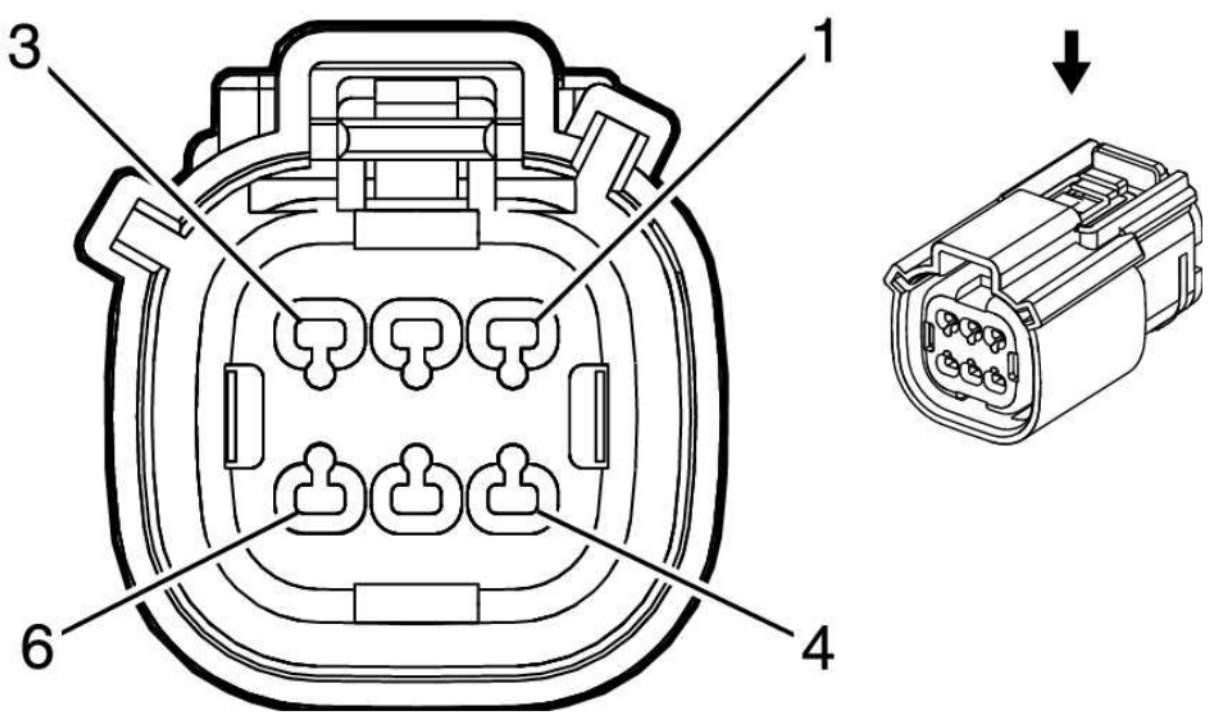
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	2550	Ground	I	-
2	0.5	GY/YE	7542	Left Rear Stop Lamp Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	VT/GY	709	Left Park Lamp Control	I	-
5	0.75	BU/WH	1334	Left Rear Turn Signal Lamp Control	I	-
6	0.5	WH/VT	6567	Rear Turn Lamp Feedback Signal	I	-

E42L TAIL LAMP ASSEMBLY - LEFT (-TVN)

carqiagn.com



Connector Part Information

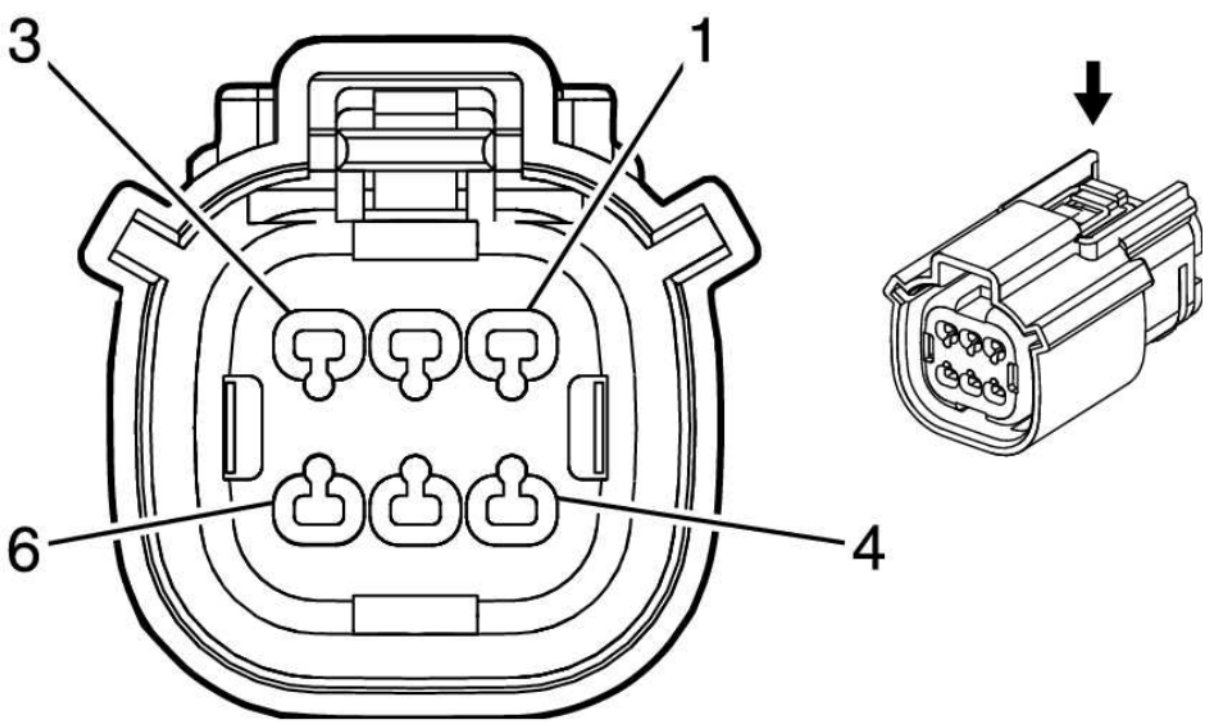
- Harness Type: Body
- OEM Connector: 33116173
- Service Connector: 19333337
- Description: 6-Way F 1.5 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	2550	Ground	I	-
2	0.5	GY/YE	7542	Left Rear Stop Lamp Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	VT/GY	709	Left Park Lamp Control	I	-
5	0.75	BU/WH	1334	Left Rear Turn Signal Lamp Control	I	-
6	0.5	WH/VT	6567	Rear Turn Lamp Feedback Signal	I	-

E42R TAIL LAMP ASSEMBLY - RIGHT (TVN)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15533832
- Service Connector: 19333336
- Description: 6-Way F 150 MX Series, Sealed (BK)

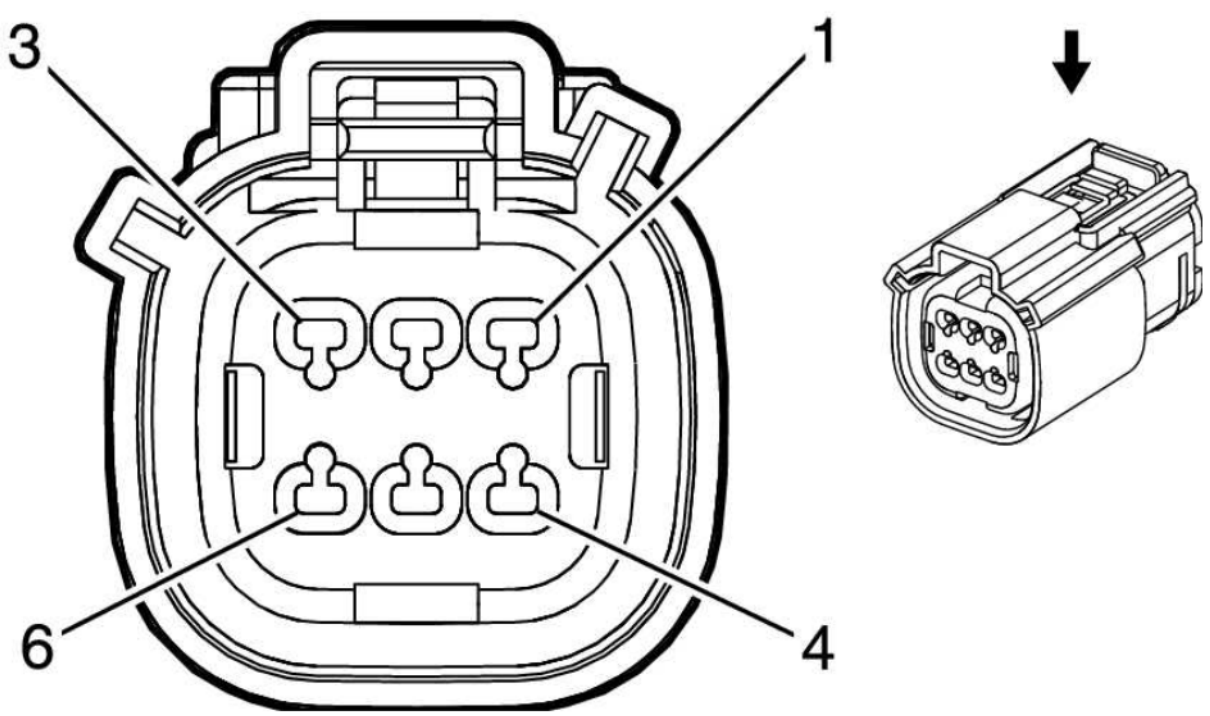
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2450	Ground	I	-
2	0.5	WH/YE	7541	Right Rear Stop Lamp Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	GY/BN	309	Right Park Lamp Control	I	-
5	0.75	BU/VT	1335	Right Rear Turn Signal Lamp Control	I	-
6	0.5	WH/BK	7544	Right Rear Turn Lamp Feedback Signal	I	-

E42R TAIL LAMP ASSEMBLY - RIGHT (-TVN)

carcraft.com



Connector Part Information

- Harness Type: Body
- OEM Connector: 33116173
- Service Connector: 19333337
- Description: 6-Way F 1.5 Series, Sealed (GY)

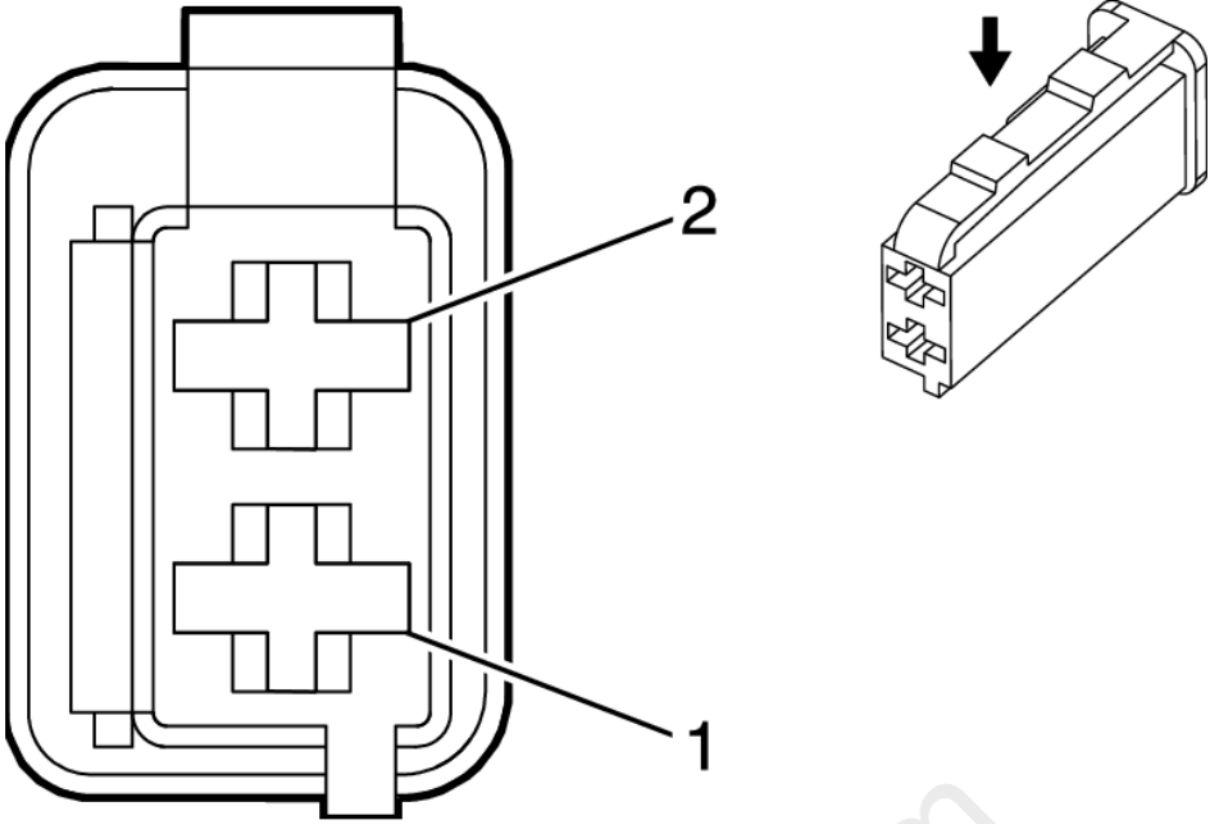
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2450	Ground	I	-
2	0.5	WH/YE	7541	Right Rear Stop Lamp Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	GY/BN	309	Right Park Lamp Control	I	-
5	0.75	BU/VT	1335	Right Rear Turn Signal Lamp Control	I	-
6	0.5	WH/BK	7544	Right Rear Turn Lamp Feedback Signal	I	-

E63D FLOOD LAMP - DRIVER DOOR HANDLE

carodign.com



Connector Part Information

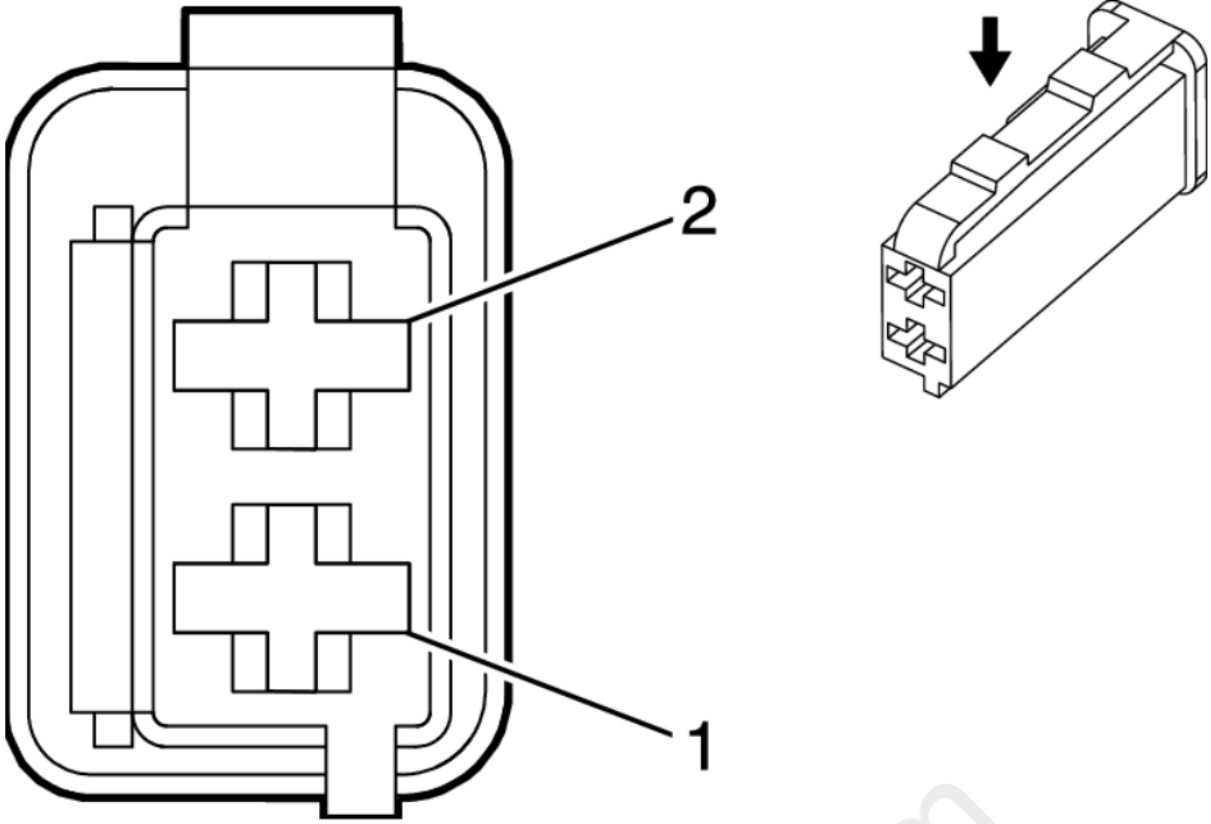
- Harness Type: Driver Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2150	Ground	I	-

E63LR FLOOD LAMP - LEFT REAR DOOR HANDLE



Connector Part Information

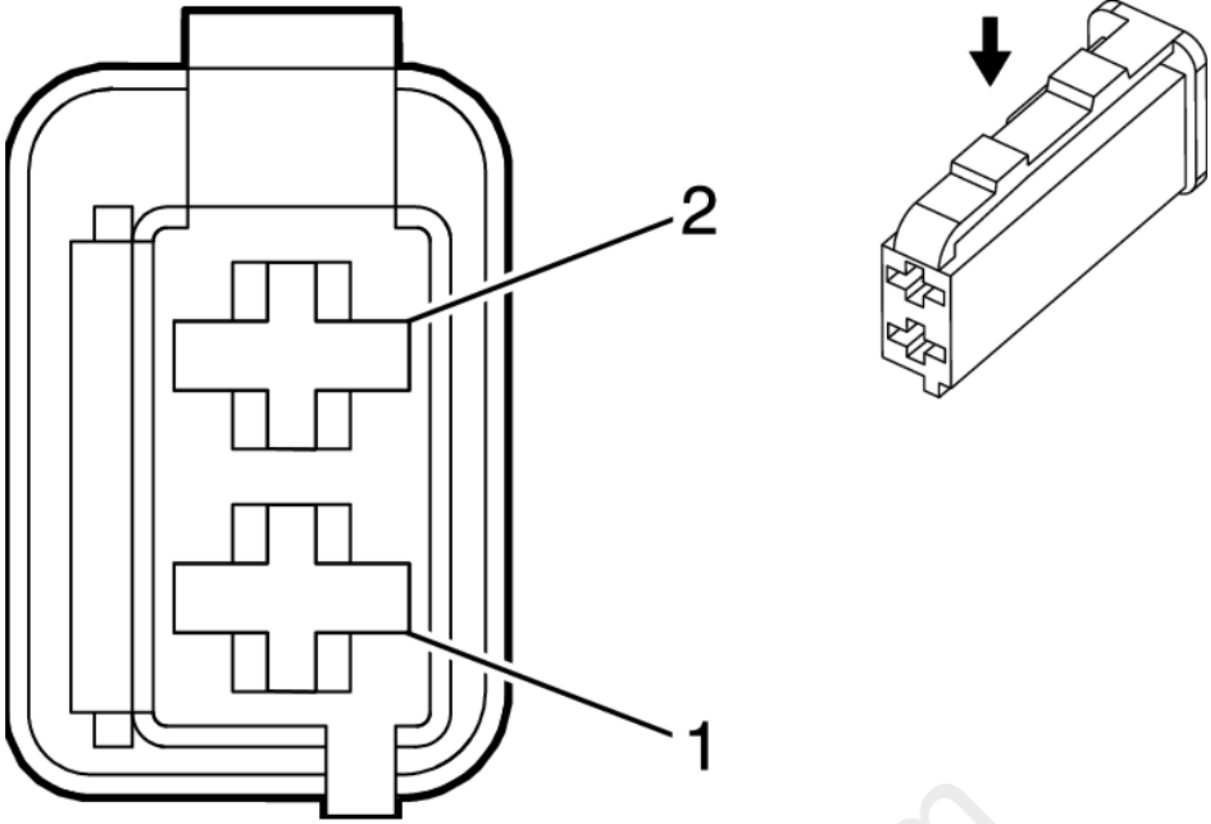
- Harness Type: Left Rear Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2350	Ground	I	-

E63P FLOOD LAMP - PASSENGER DOOR HANDLE



Connector Part Information

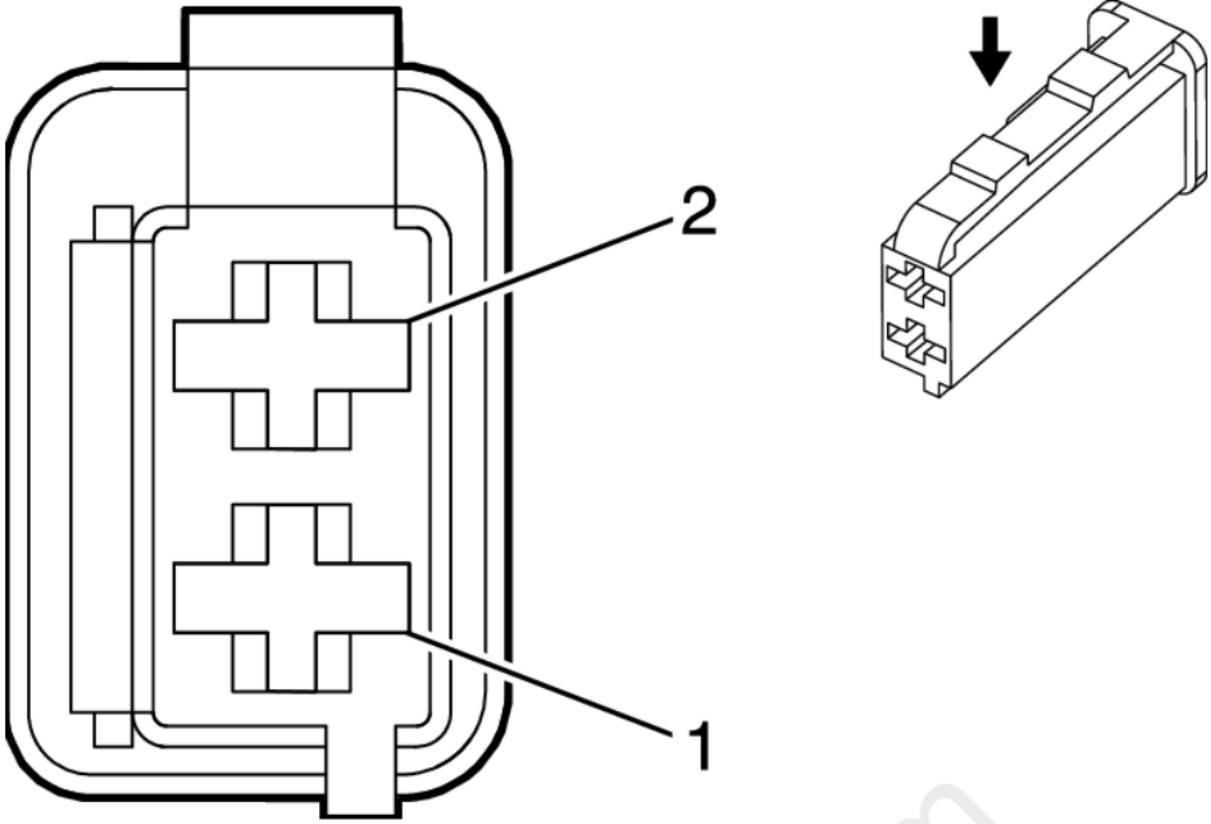
- Harness Type: Passenger Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2250	Ground	I	-

E63RR FLOOD LAMP - RIGHT REAR DOOR HANDLE



Connector Part Information

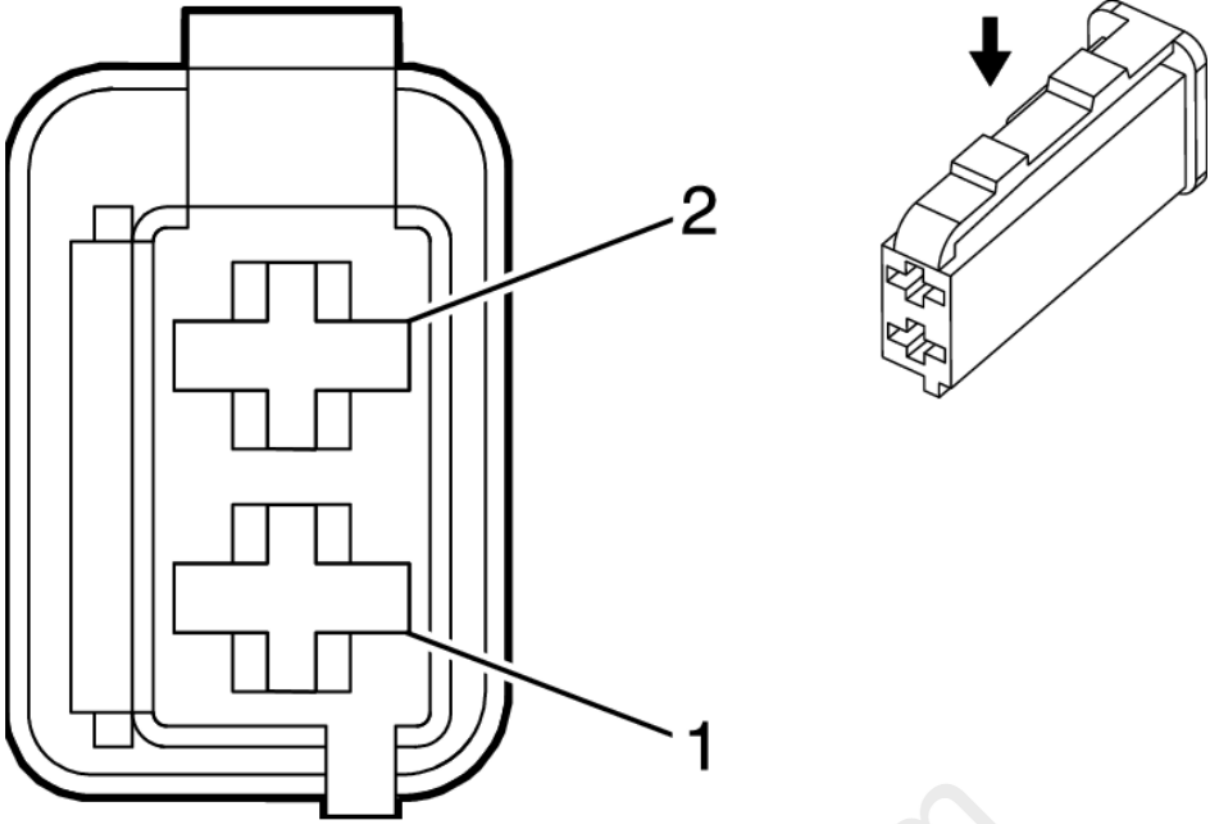
- Harness Type: Right Rear Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2450	Ground	I	-

E64D FLOOD LAMP - DRIVER DOOR PULL HANDLE



Connector Part Information

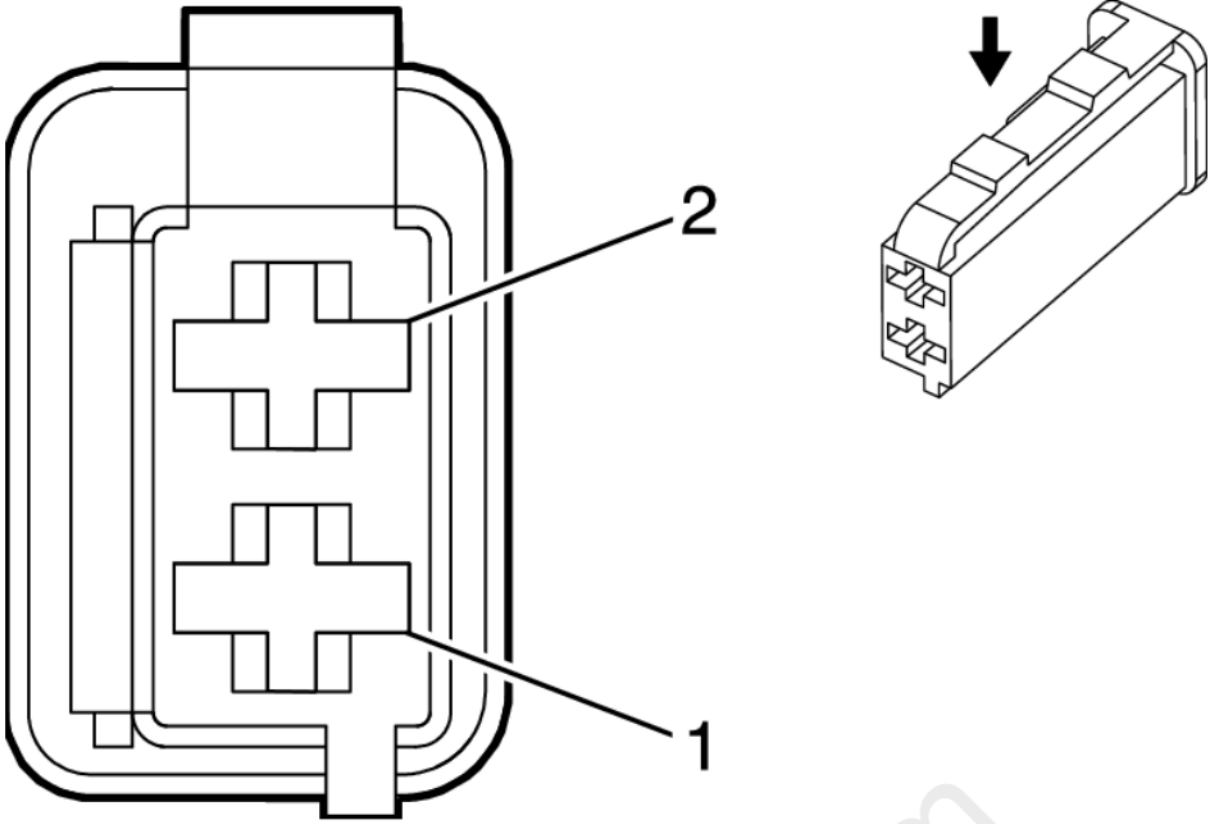
- Harness Type: Driver Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2150	Ground	I	-

E64LR FLOOD LAMP - LEFT REAR DOOR PULL HANDLE



Connector Part Information

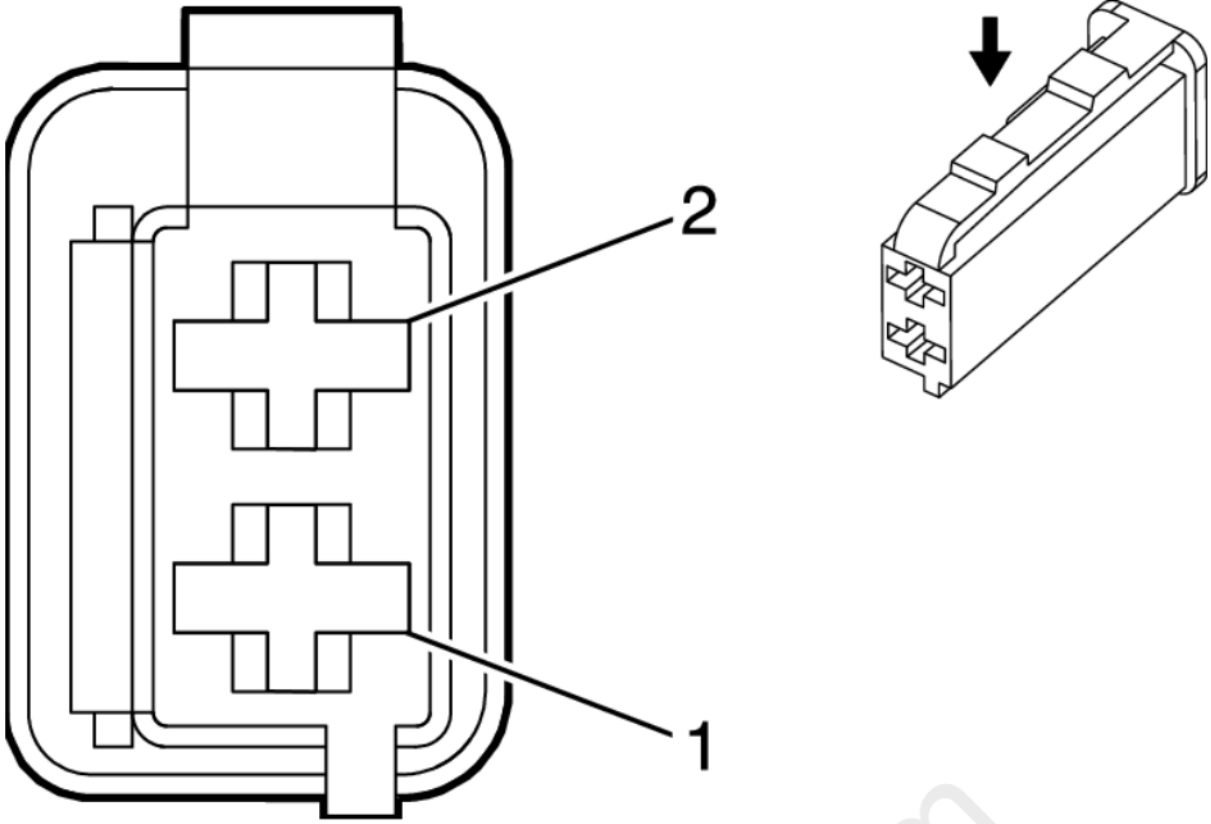
- Harness Type: Left Rear Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2350	Ground	I	-

E64P FLOOD LAMP - PASSENGER DOOR PULL HANDLE



Connector Part Information

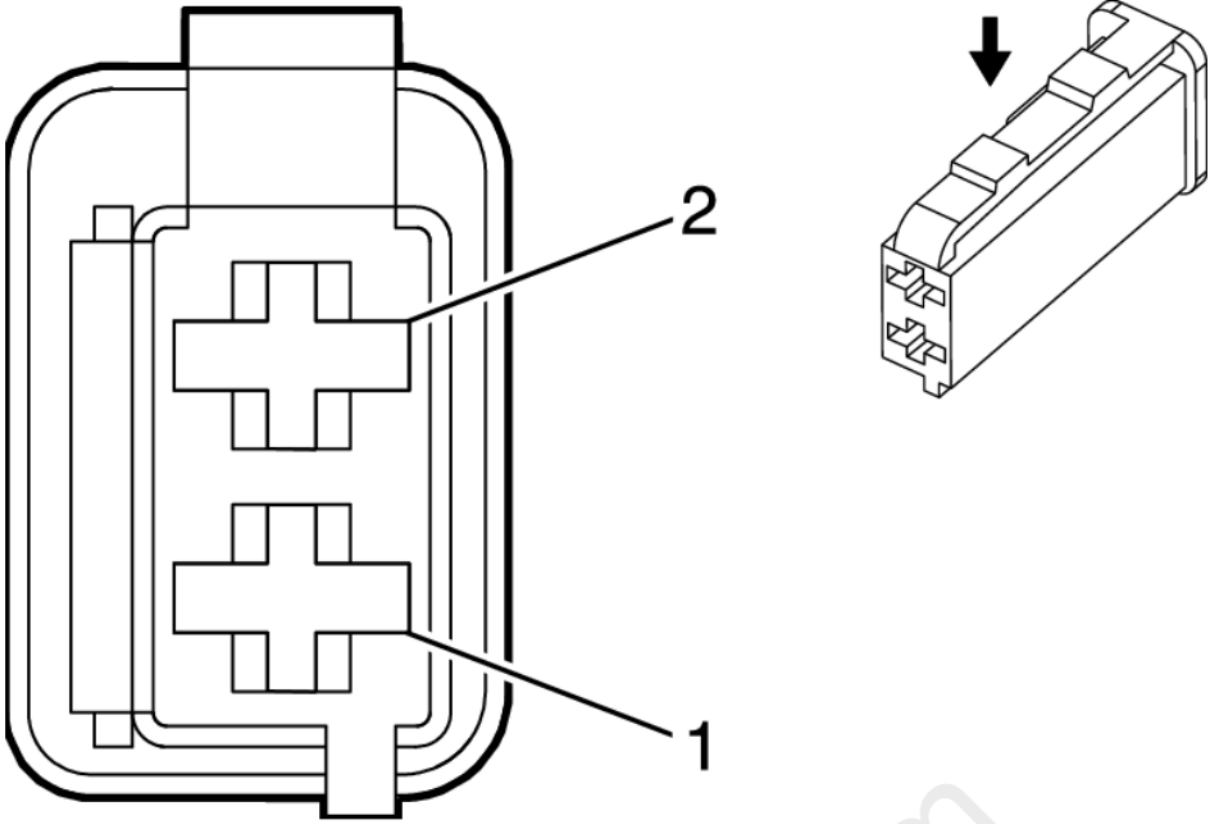
- Harness Type: Passenger Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2250	Ground	I	-

E64RR FLOOD LAMP - RIGHT REAR DOOR PULL HANDLE



Connector Part Information

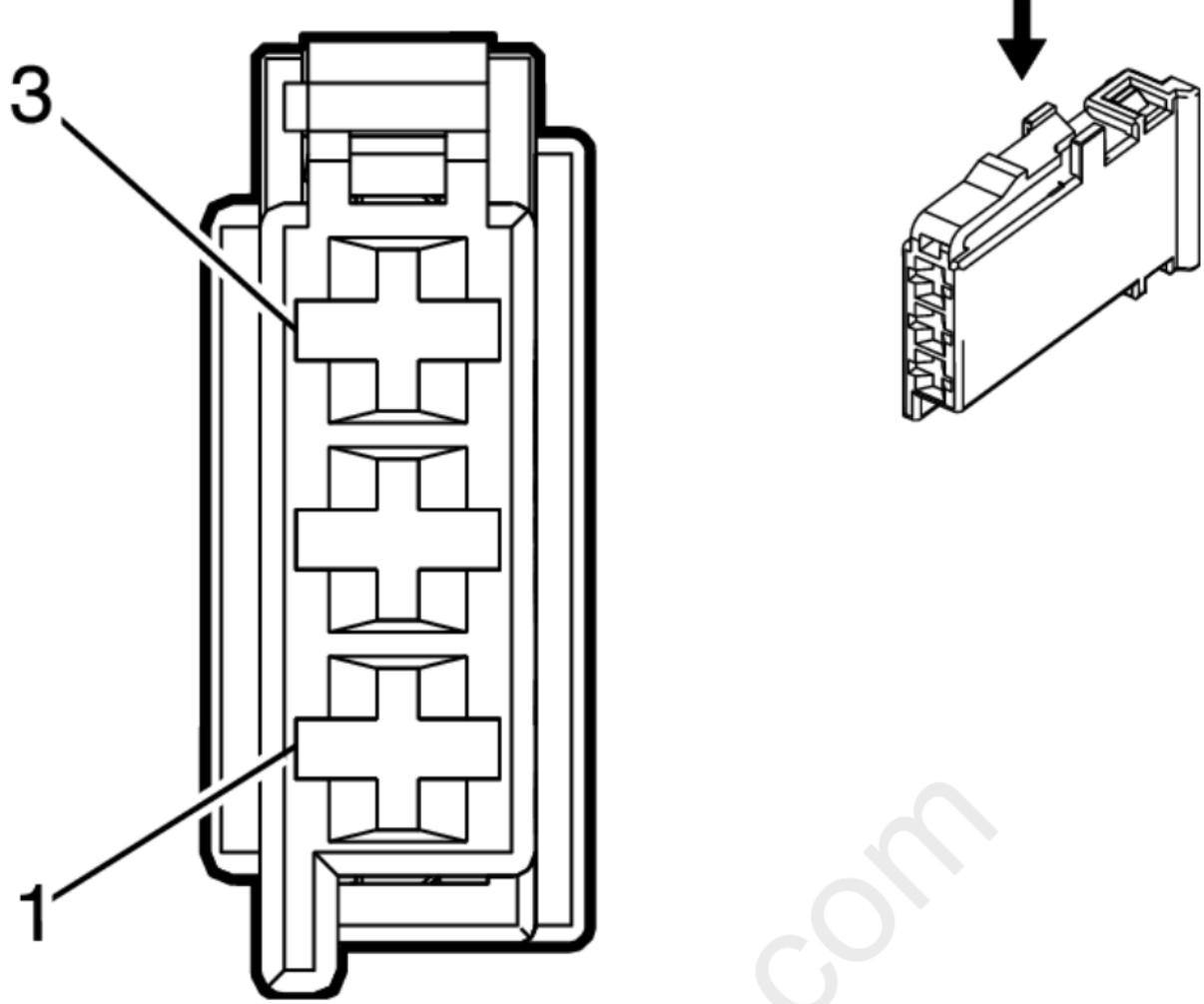
- Harness Type: Right Rear Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.35	BK	2450	Ground	I	-

E75L REAR COMPARTMENT SILL PLATE LAMP - LEFT (AQ9)



Connector Part Information

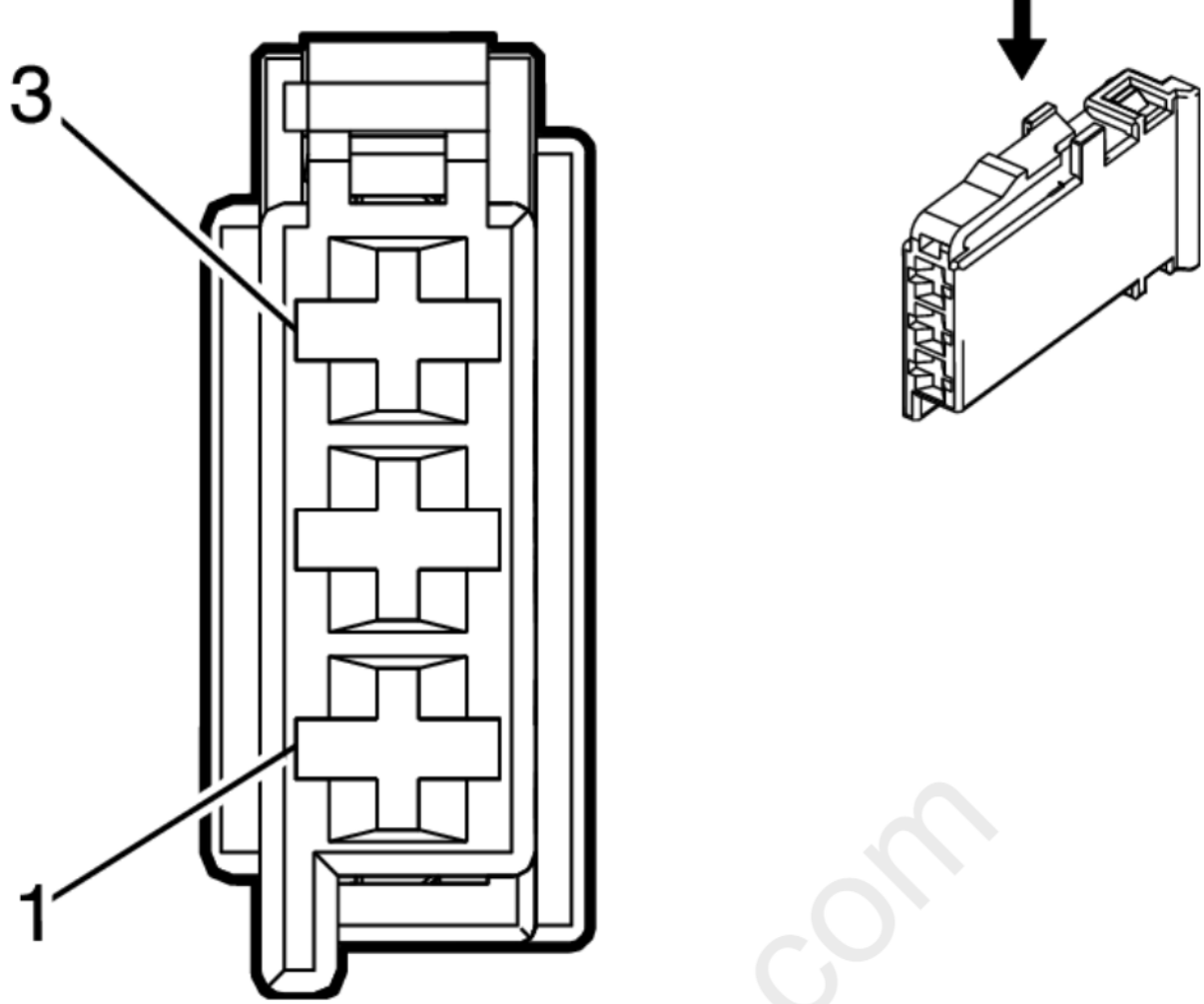
- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E75R REAR COMPARTMENT SILL PLATE LAMP - RIGHT (AQ9)



Connector Part Information

- Harness Type: Rear Compartment Lamp
- OEM Connector: 24427883
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

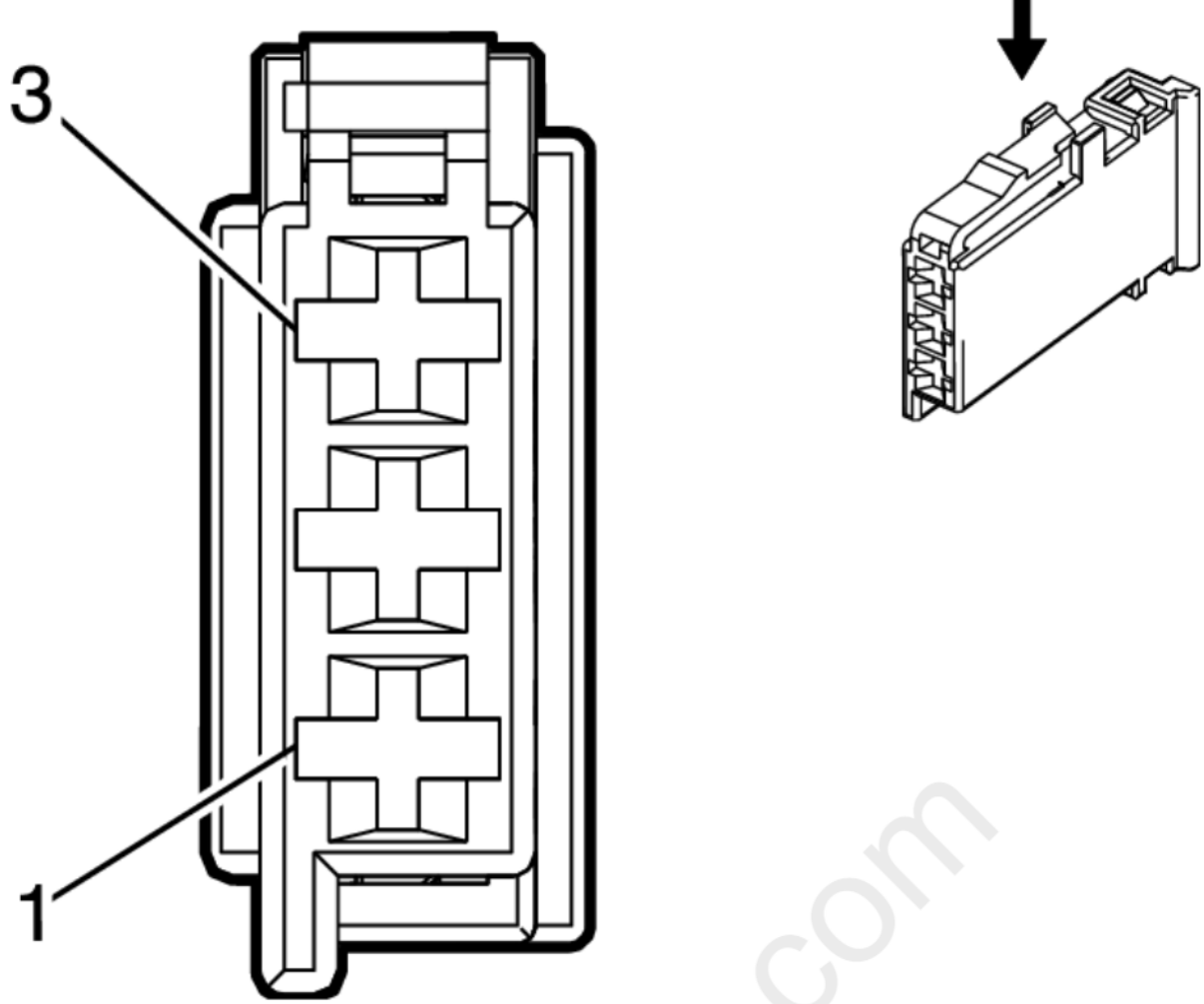
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	-	BK	2450	Ground	I	-
3	-	-	-	Not Occupied	-	-

E80LI FLOOR COURTESY LAMP - LEFT FRONT INNER

caraingn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

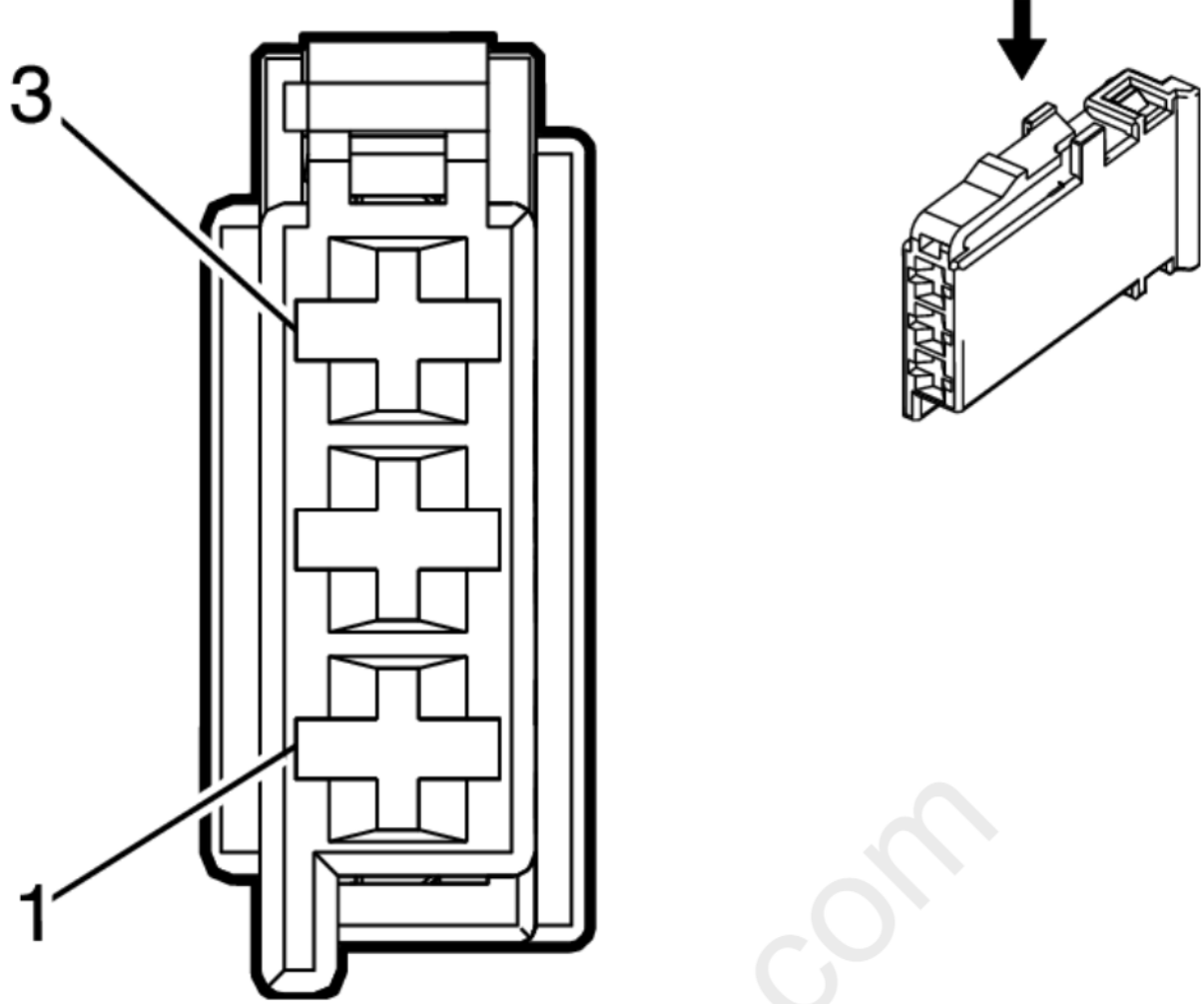
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	1350	Ground	I	-
3	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-

E80LO FLOOR COURTESY LAMP - LEFT FRONT OUTER

cardiagn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

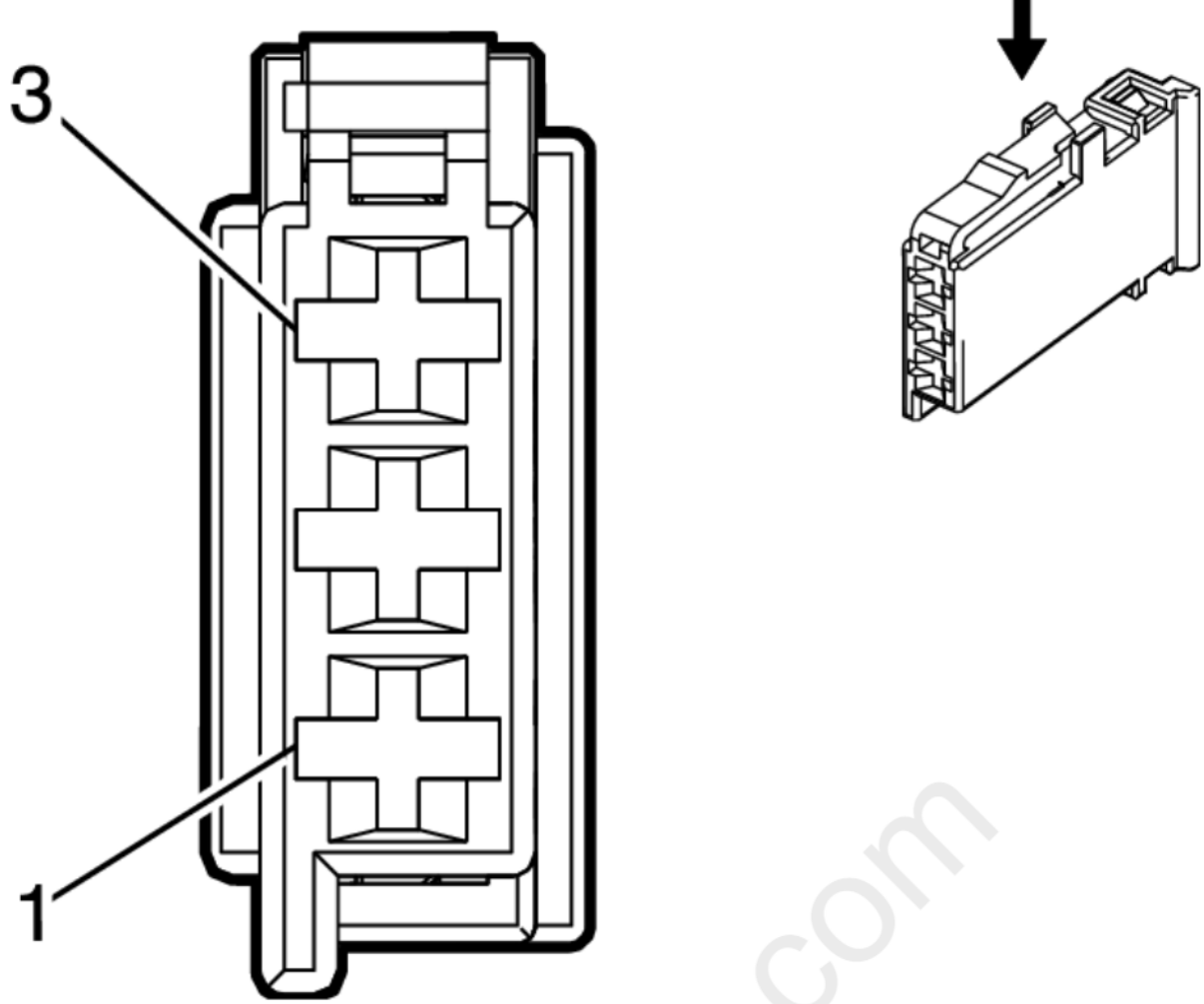
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	1350	Ground	I	-
3	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-

E80RI FLOOR COURTESY LAMP - RIGHT FRONT INNER

cardiagn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

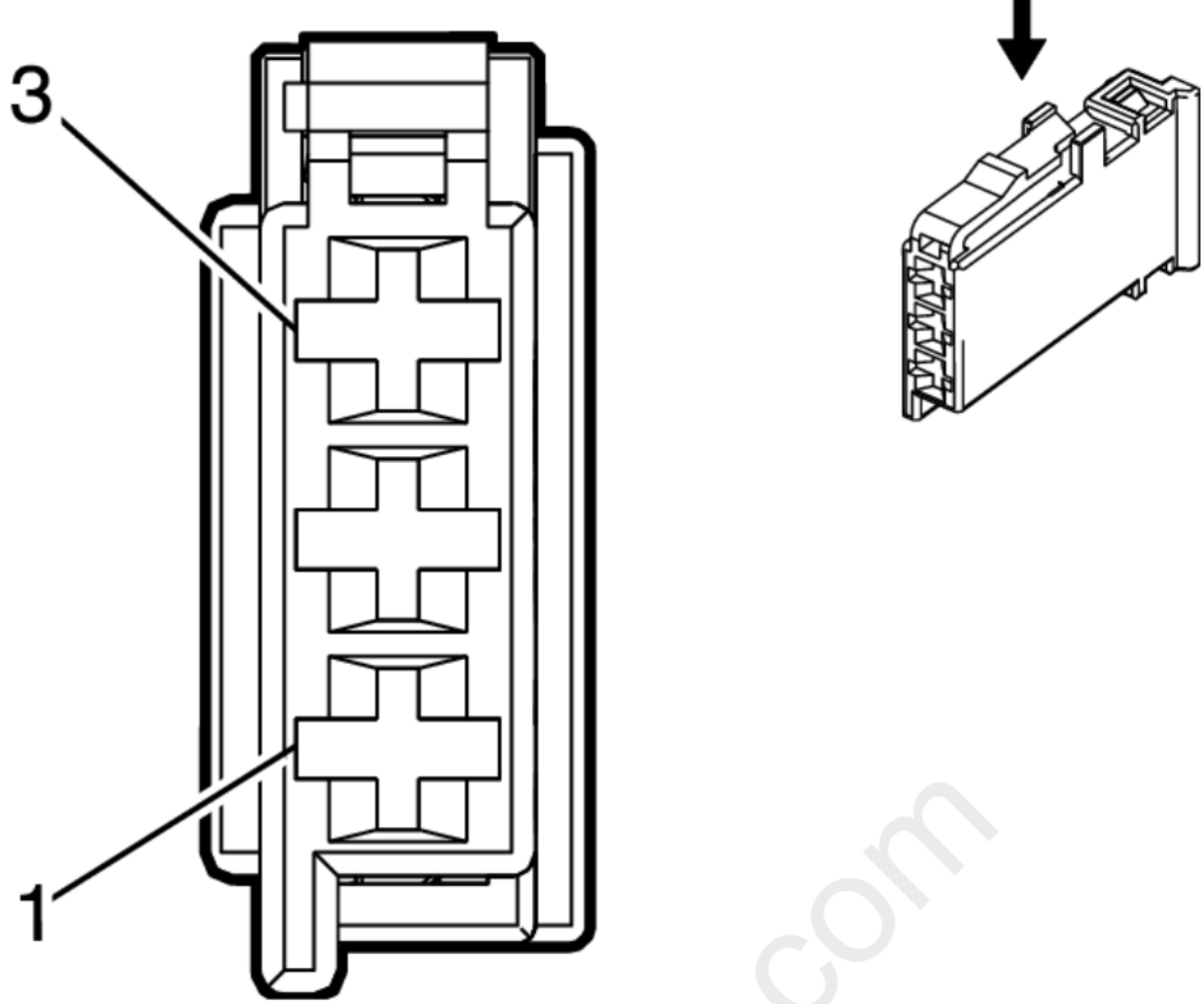
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	1450	Ground	I	-
3	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-

E80RO FLOOR COURTESY LAMP - RIGHT FRONT OUTER

cardiagn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10865339
- Service Connector: 93186706
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

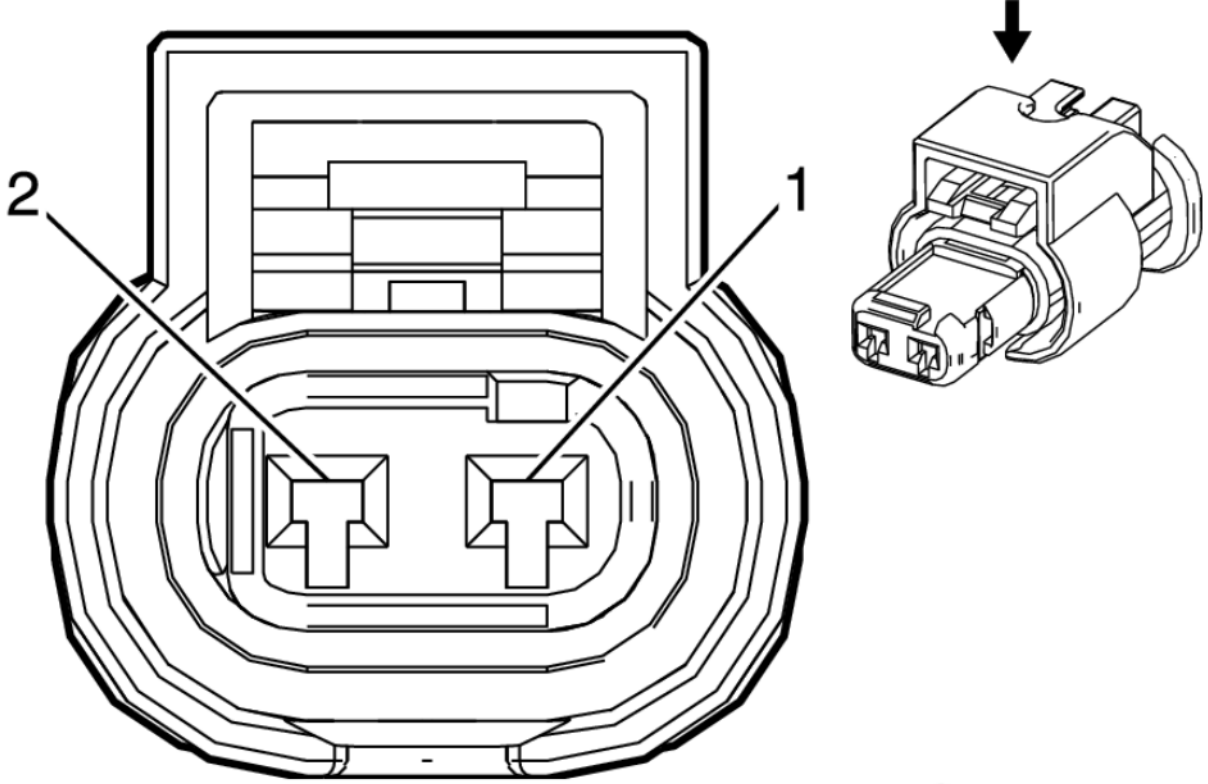
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.35	BK	1450	Ground	I	-
3	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-

F100L HOOD HINGE ACTUATOR - LEFT (B3T)

cardiagn.com



Connector Part Information

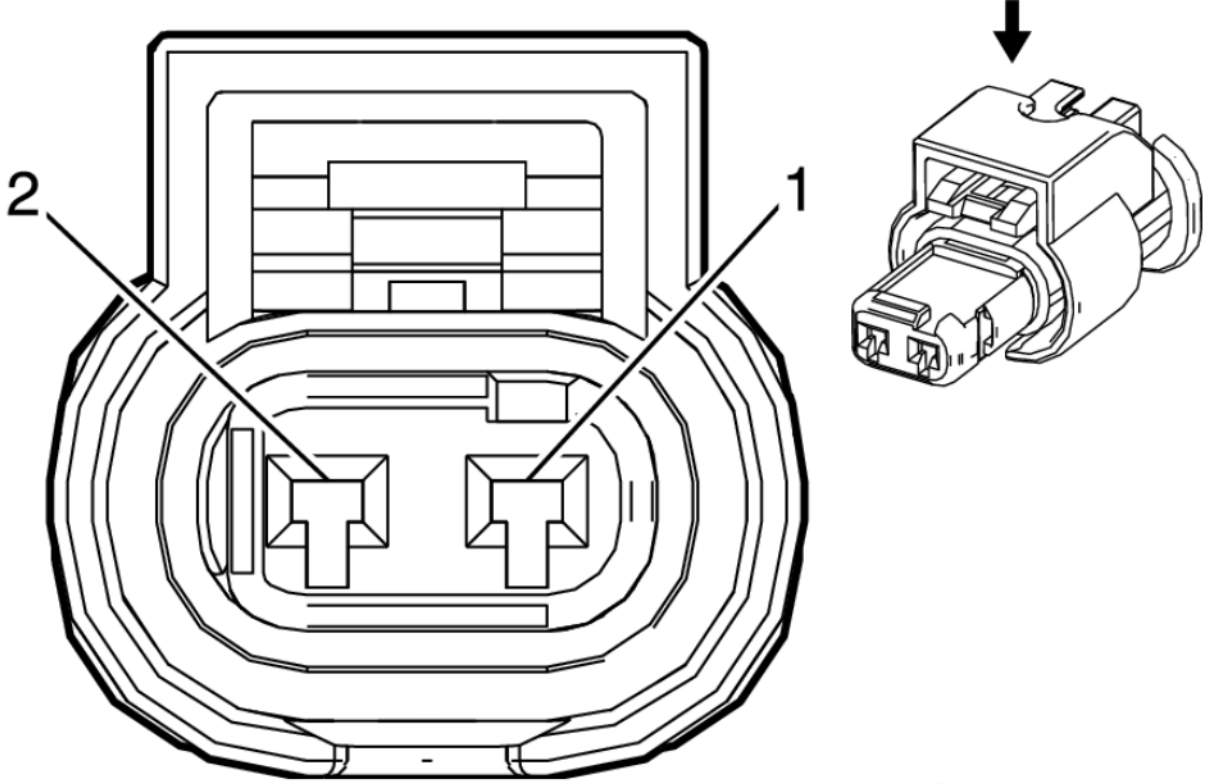
- Harness Type: Body
- OEM Connector: 13863037
- Service Connector: 13587886
- Description: 2-Way F 1.2 MCP Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/RD	7492	Left Hood Actuator High Control	I	-
2	0.5	BK/OG	7491	Left Hood Actuator Low Control	I	-

F100R HOOD HINGE ACTUATOR - RIGHT (B3T)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13863037
- Service Connector: 13587886
- Description: 2-Way F 1.2 MCP Series, Sealed (YE)

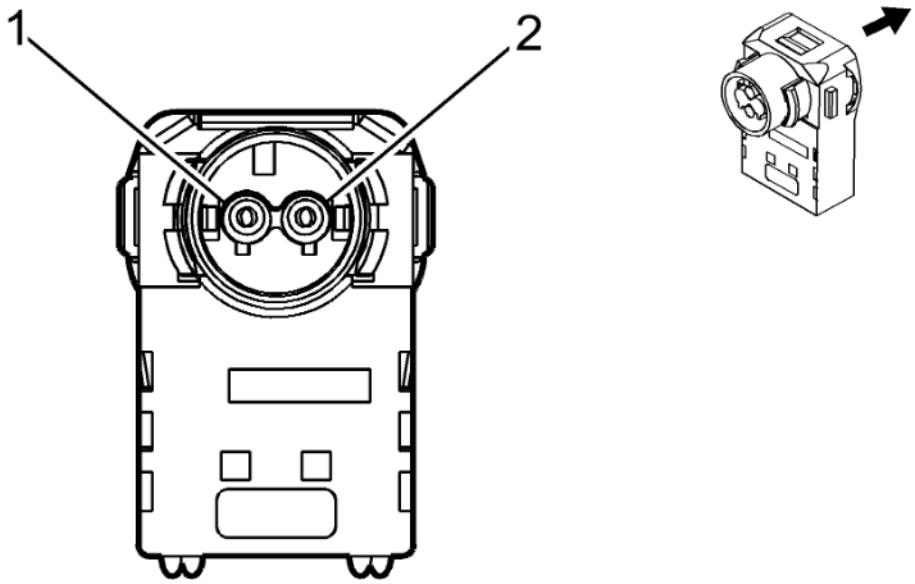
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/RD	7490	Right Hood Actuator High Control	I	-
2	0.5	BK/OG	7489	Right Hood Actuator Low Control	I	-

F101 PASSENGER INSTRUMENT PANEL AIR BAG X1

carlogn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13596550
- Service Connector: 19355489
- Description: 2-Way F 1.0 MAC Series (PK with YE Cover)

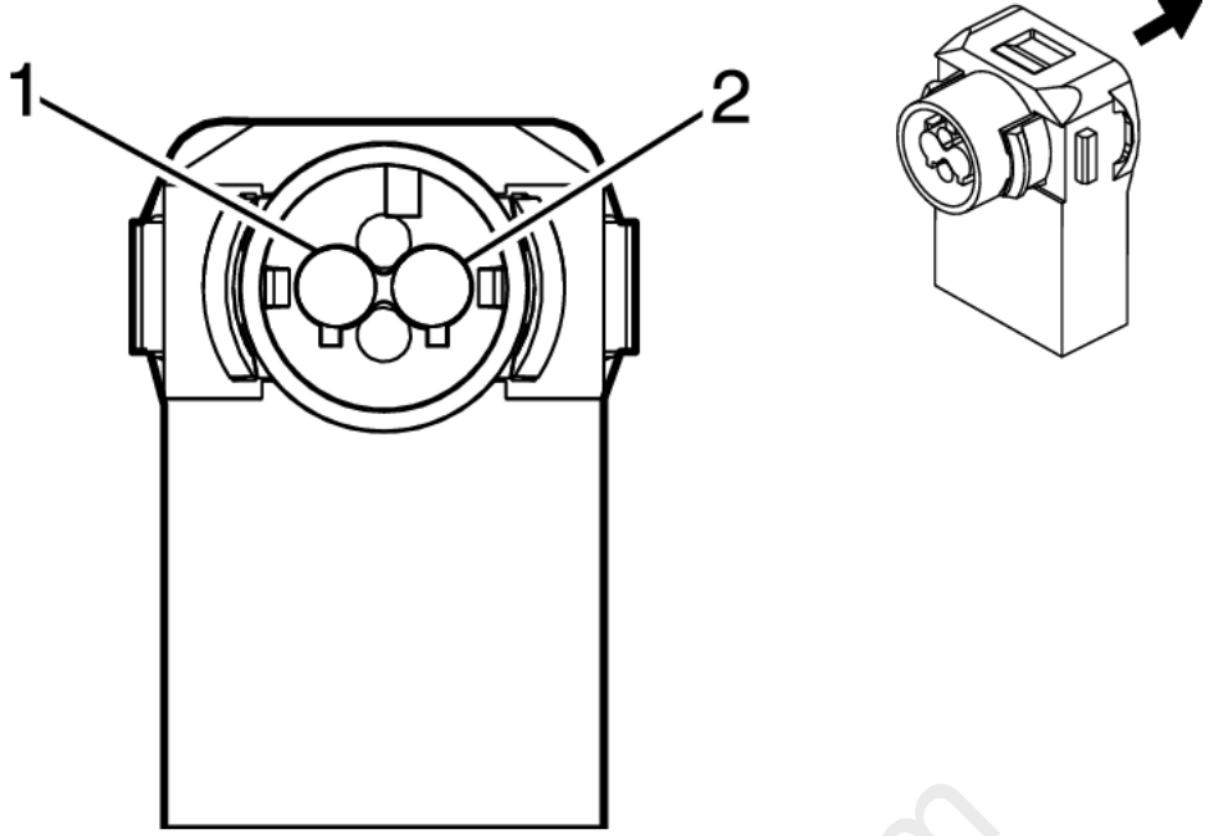
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	-
2	0.5	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	-

F101 PASSENGER INSTRUMENT PANEL AIR BAG X2

carlogn.com



Connector Part Information

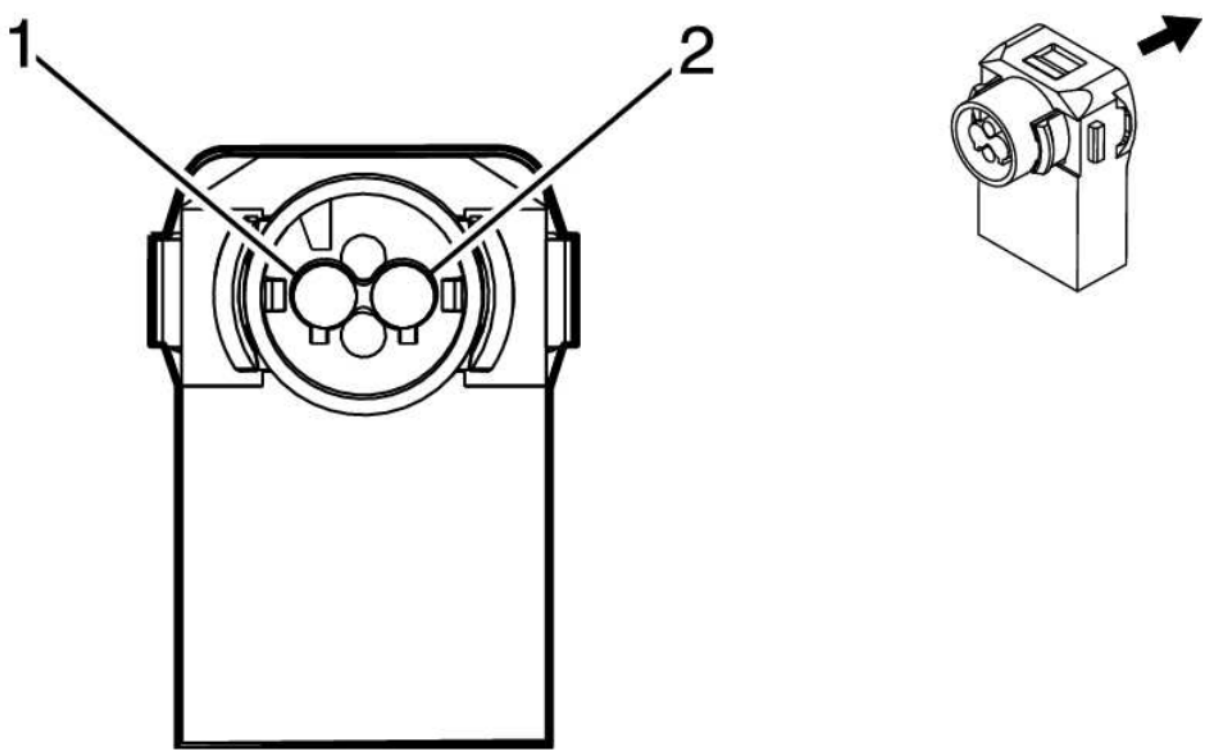
- Harness Type: Instrument Panel
- OEM Connector: 33154433
- Service Connector: 19354083
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	-
2	0.5	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	-

F105L ROOF RAIL AIR BAG - LEFT



Connector Part Information

- Harness Type: Body
- OEM Connector: 13596552
- Service Connector: 19355491
- Description: 2-Way F 1.0 MAC Series (GY with YE Cover)

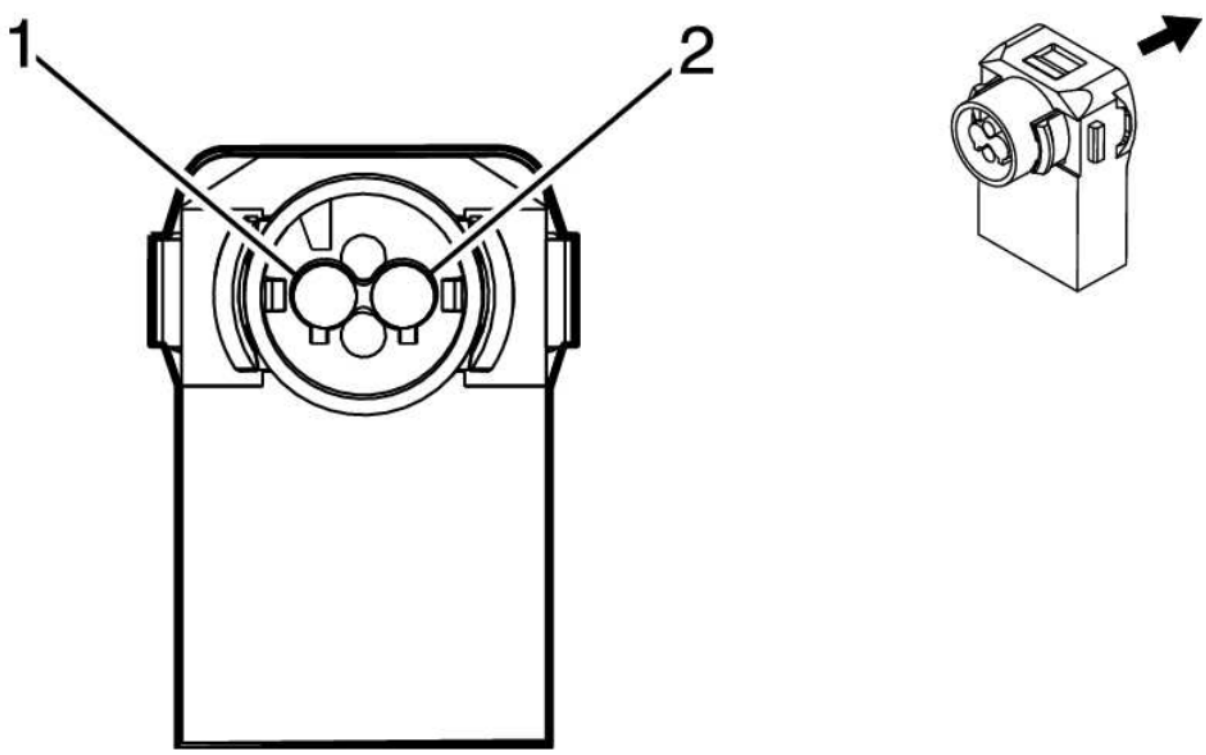
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
2	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-

F105R ROOF RAIL AIR BAG - RIGHT

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13596552
- Service Connector: 19355491
- Description: 2-Way F 1.0 MAC Series (GY with YE Cover)

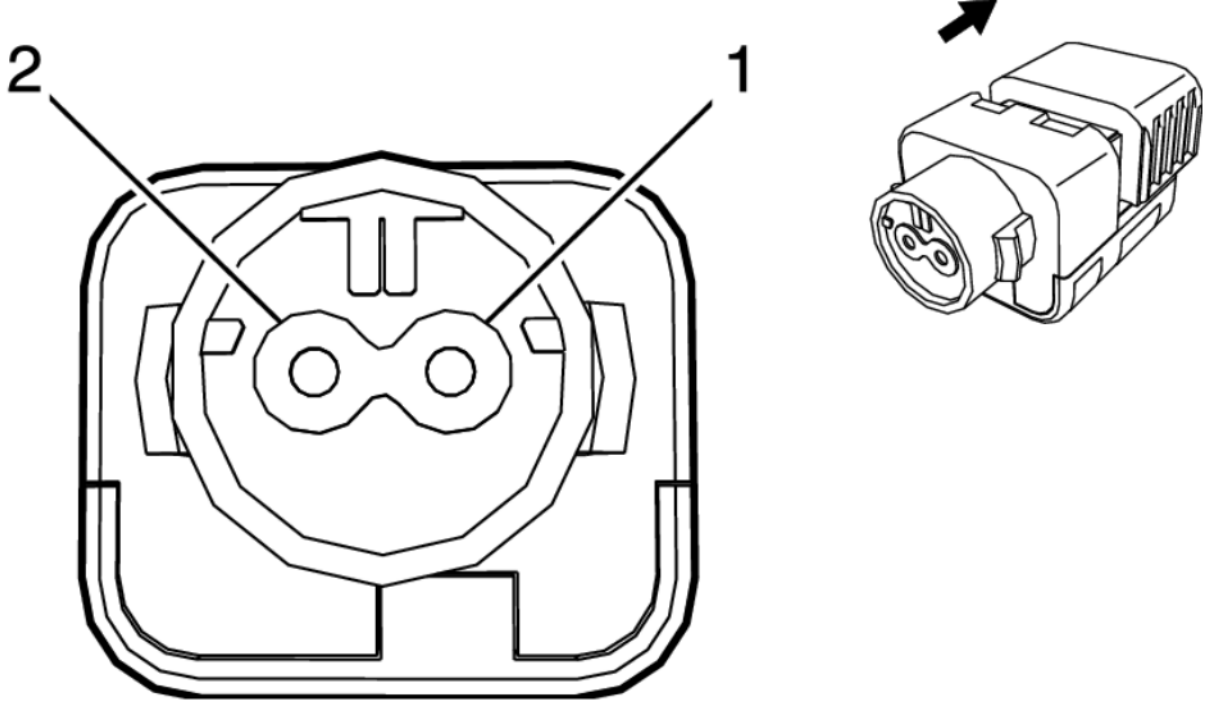
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
2	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

F106LF SEAT SIDE AIR BAG - LEFT FRONT

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Connector Part Information

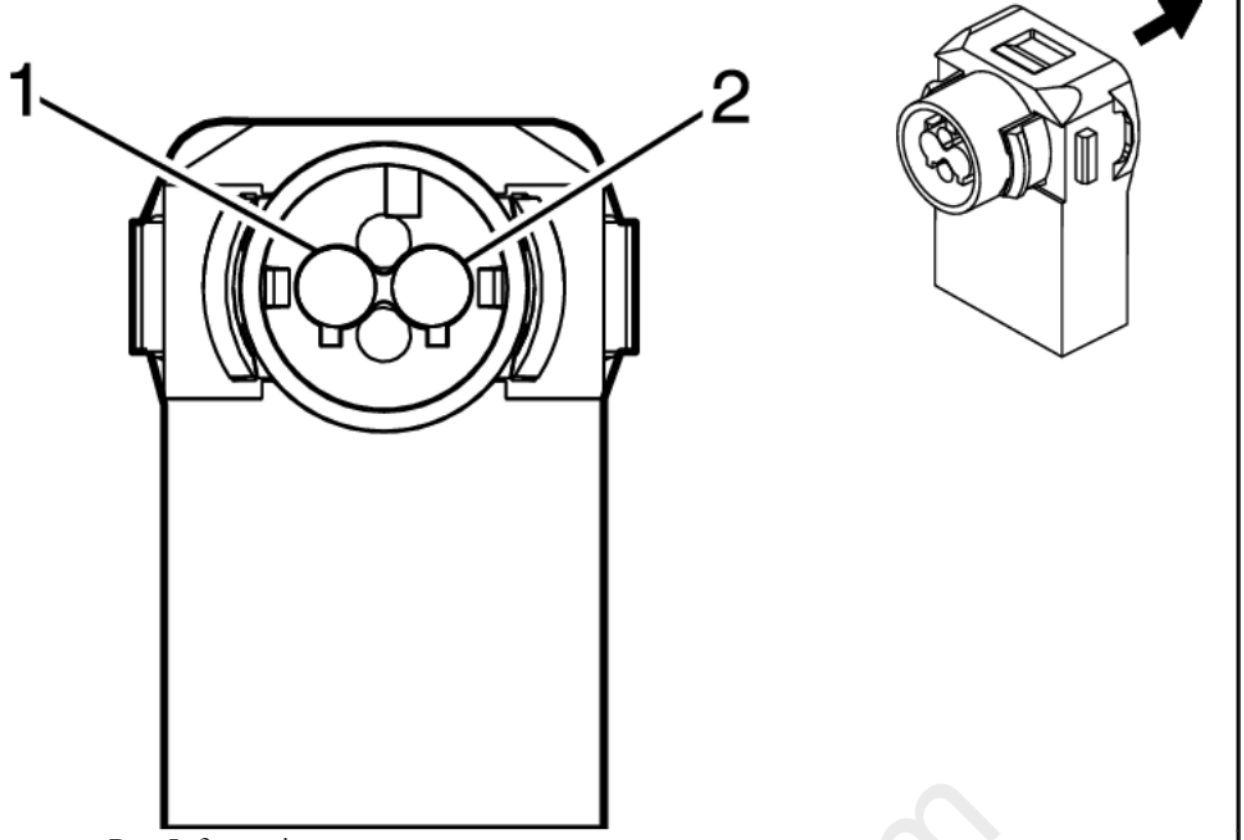
- Harness Type: Driver Seat Back
- OEM Connector: 19153419
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/BU	3068	Driver Side Impact Module High Control	I	-
2	-	GN/OG	3069	Driver Side Impact Module Low Control	I	-

F106RF SEAT SIDE AIR BAG - RIGHT FRONT



Connector Part Information

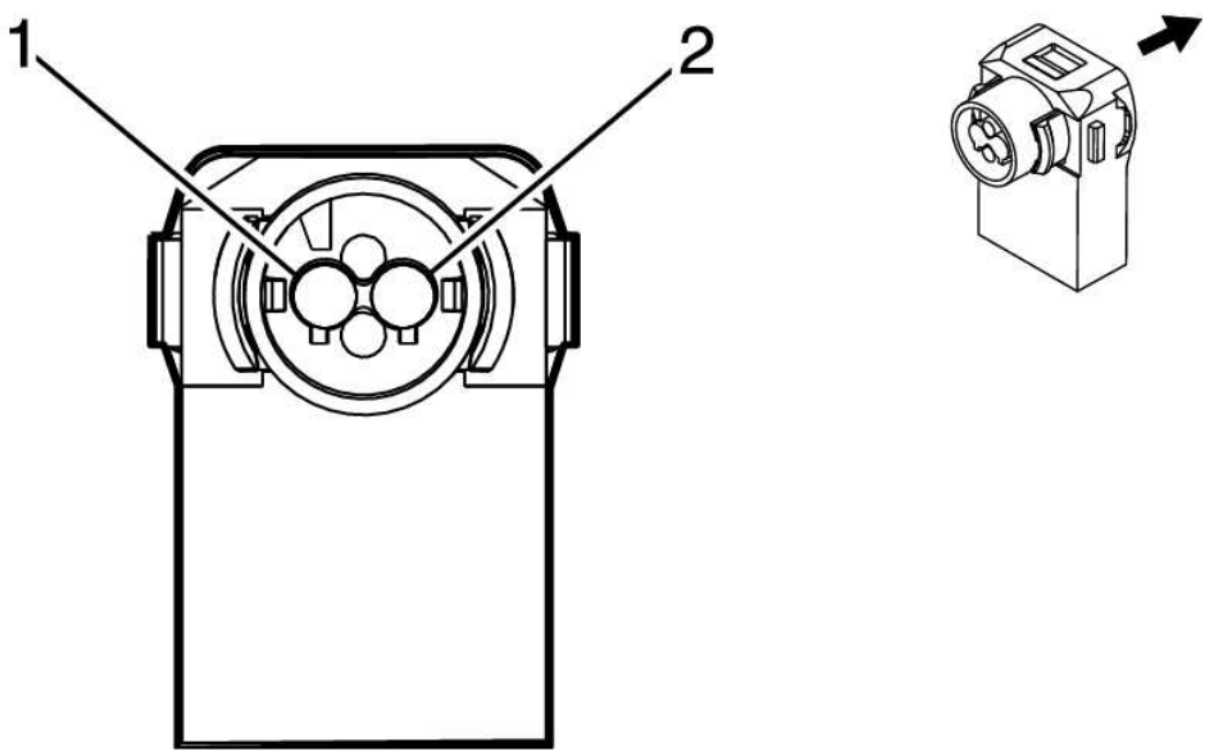
- Harness Type: Passenger Seatback
- OEM Connector: 13596551
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/GY	3066	Passenger Side Impact Module High Control	I	-
2	-	BN/OG	3067	Passenger Side Impact Module Low Control	I	-

F107 STEERING WHEEL AIR BAG



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 13596552
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (GY with YE Cover)

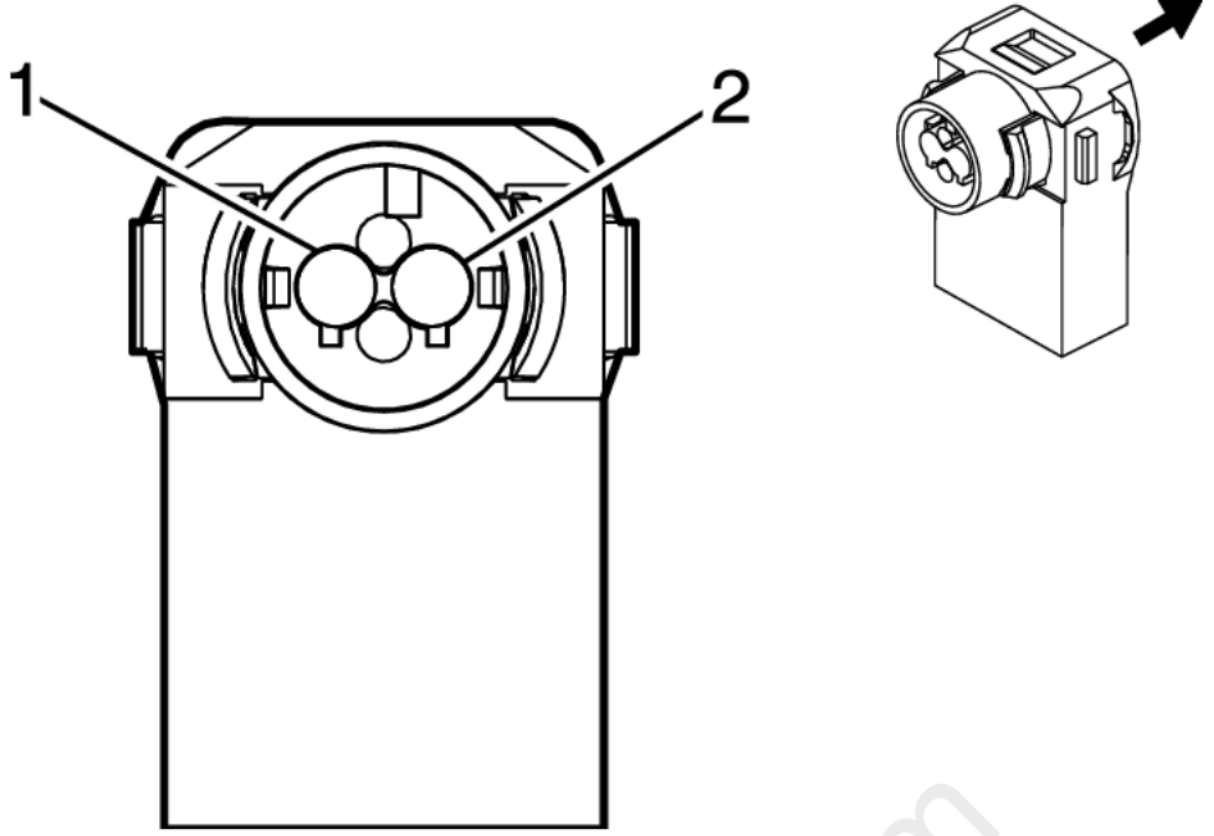
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
2	0.5	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-

F112D SEAT BELT RETRACTOR PRETENSIONER - DRIVER

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Connector Part Information

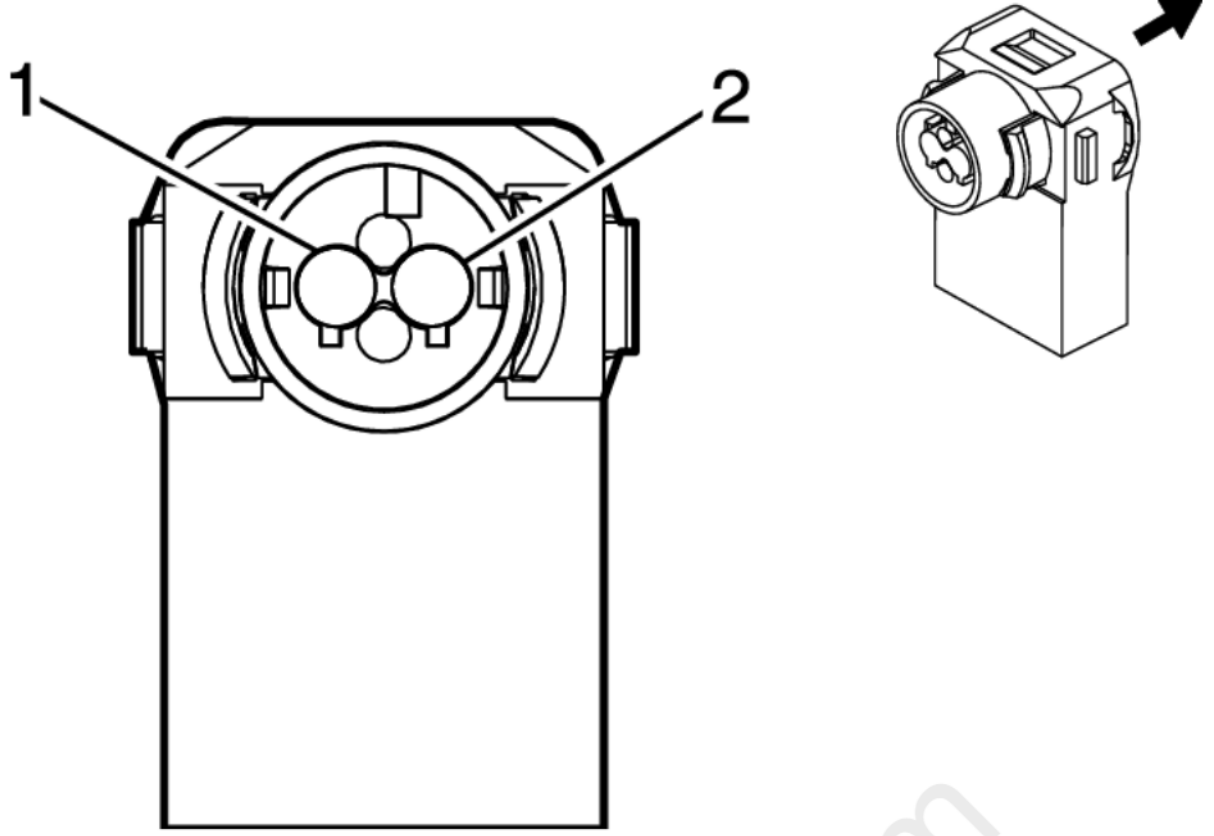
- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19354083
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-

F112P SEAT BELT RETRACTOR PRETENSIONER - PASSENGER X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19354083
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

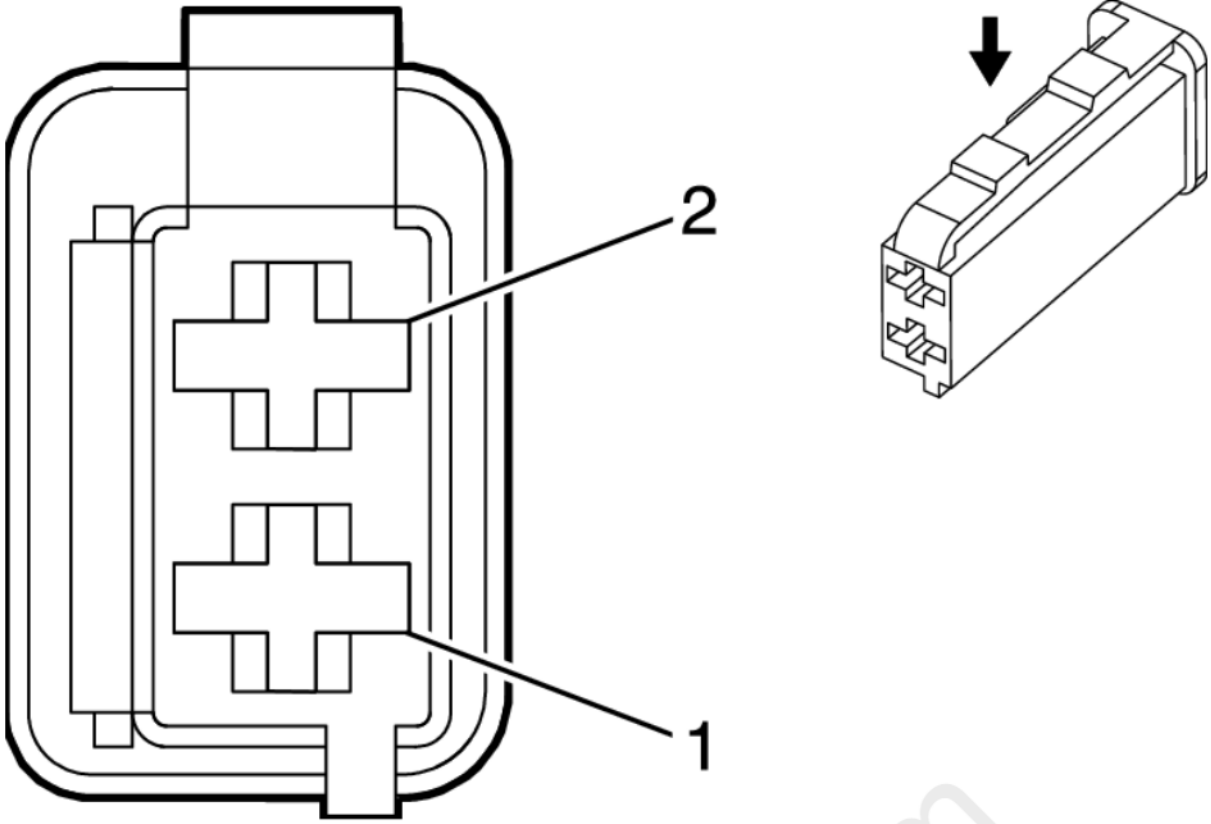
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-

F112P SEAT BELT RETRACTOR PRETENSIONER - PASSENGER X2

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Connector Part Information

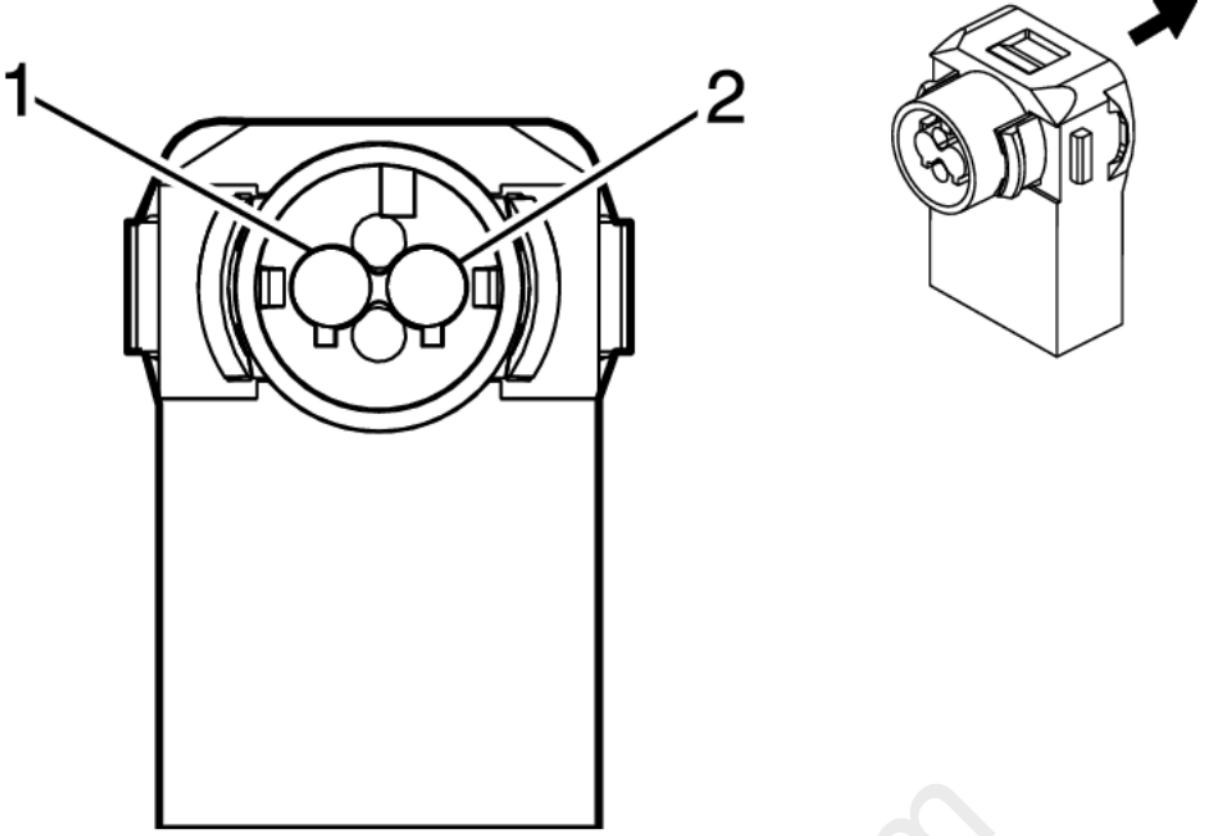
- Harness Type: Body
- OEM Connector: 13670097
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/OG	3946	Automatic Locking Retractor Switch Low Reference	I	-
2	0.35	OG/BN	3947	Automatic Locking Retractor Switch Signal	I	-

F113D SEAT BELT ANCHOR PRETENSIONER - DRIVER



Connector Part Information

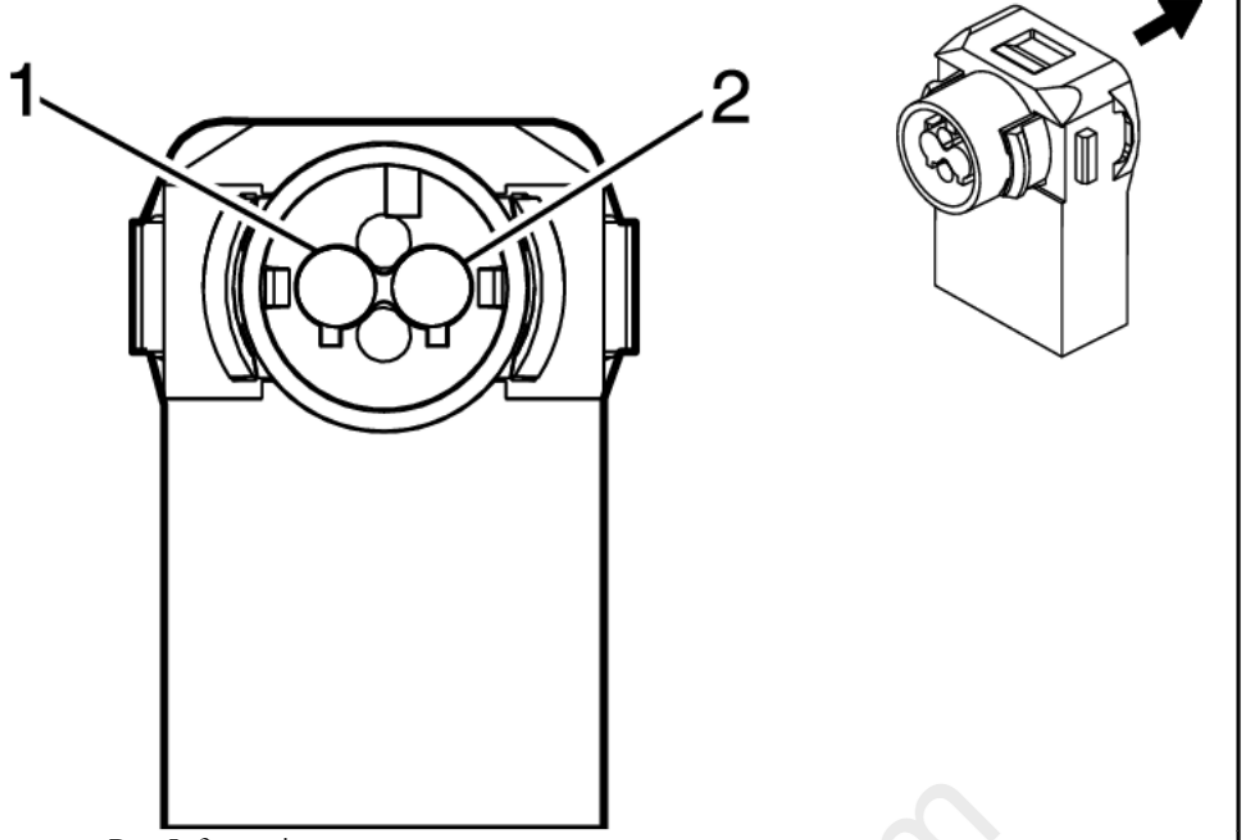
- Harness Type: Driver Seat
- OEM Connector: 13596551
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
2	-	VT/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-

F113P SEAT BELT ANCHOR PRETENSIONER - PASSENGER



Connector Part Information

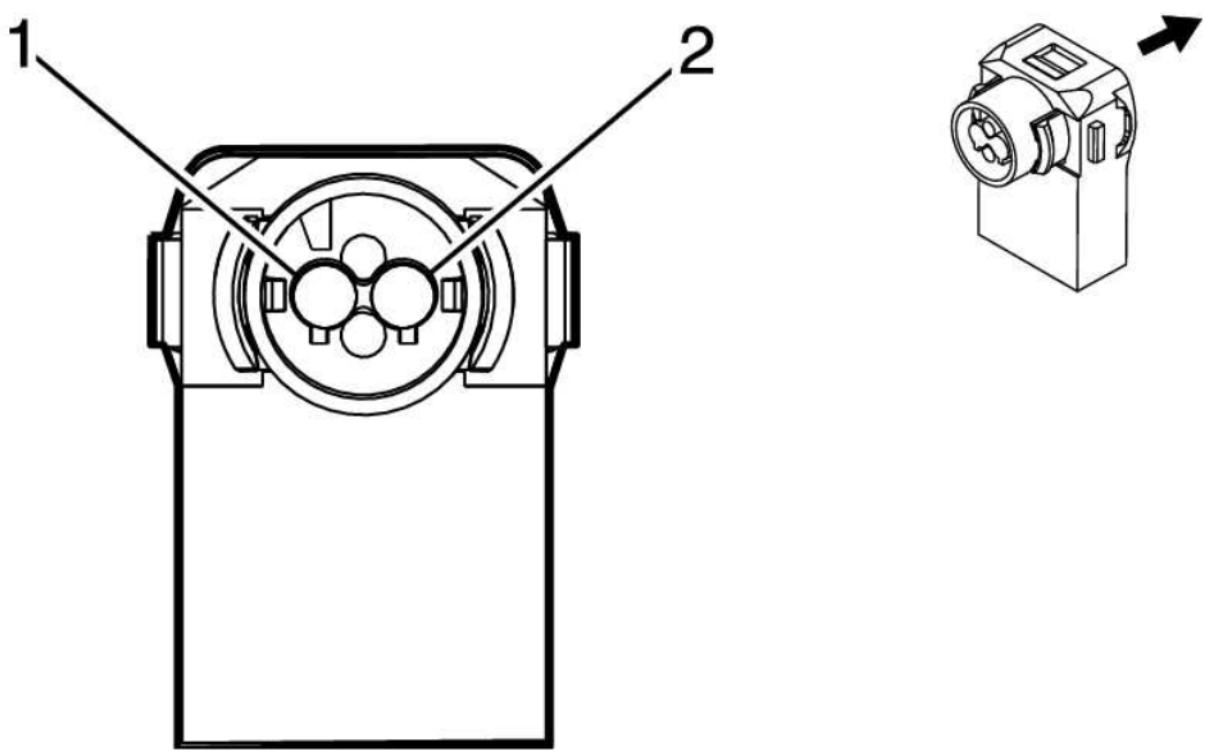
- Harness Type: Passenger Seat
- OEM Connector: 13596551
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
2	-	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-

F114D KNEE AIR BAG - DRIVER



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33154434
- Service Connector: 19355491
- Description: 2-Way F 1.0 MAC Series (GY with YE Cover)

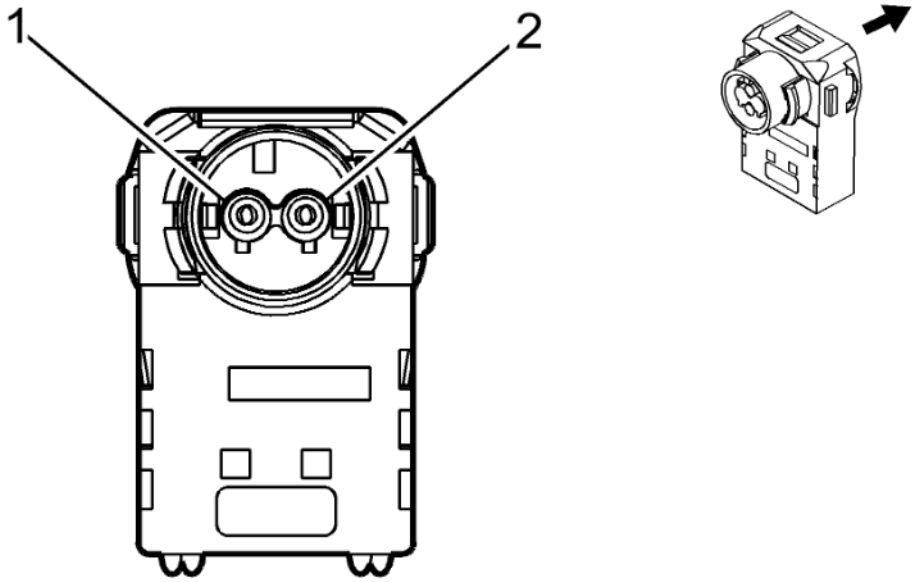
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	3078	Driver Knee Module High Control	I	-
2	0.5	GY/OG	3079	Driver Knee Module Low Control	I	-

F114P KNEE AIR BAG - PASSENGER

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33154418
- Service Connector: 19355489
- Description: 2-Way F 1.0 MAC Series (PK with YE Cover)

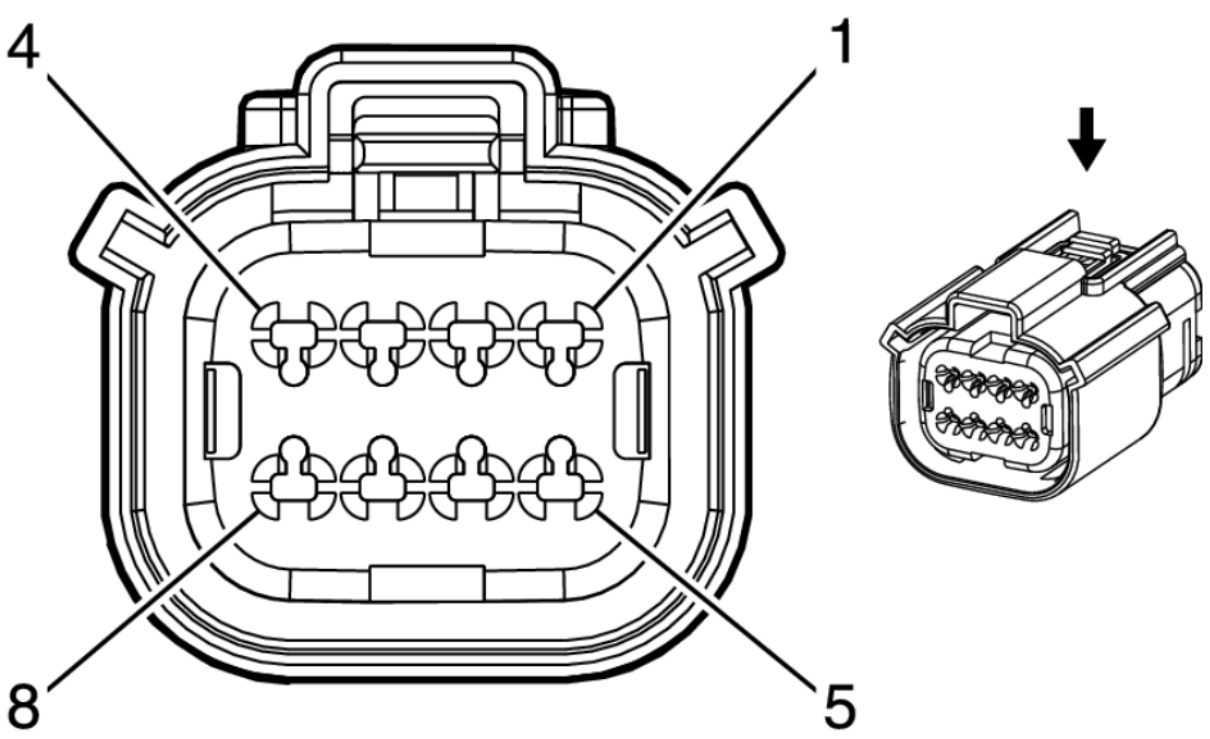
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	3076	Passenger Knee Module High Control	I	-
2	0.5	WH/OG	3077	Passenger Knee Module Low Control	I	-

G1 A/C COMPRESSOR X1 (HP9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13654393
- Service Connector: 13577527
- Description: 8-Way F 1.5 Series, Sealed (BK)

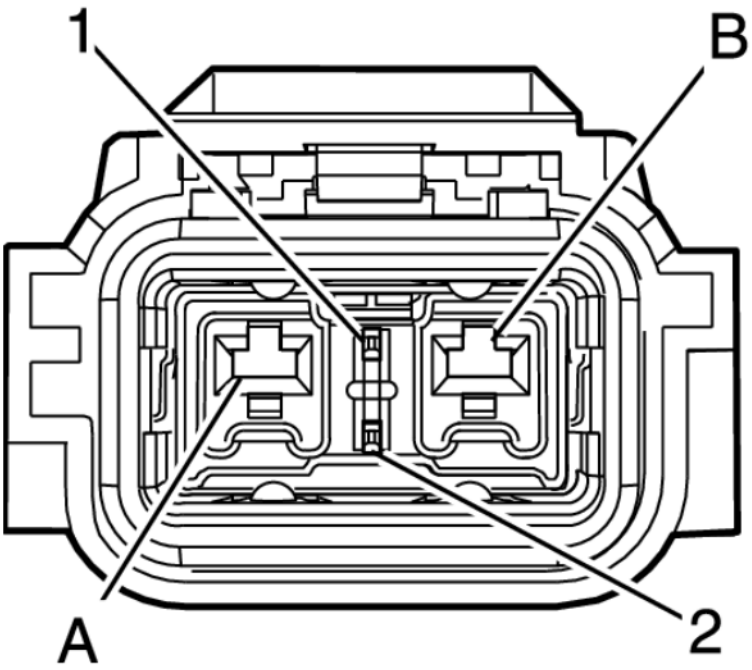
Terminal Part Information

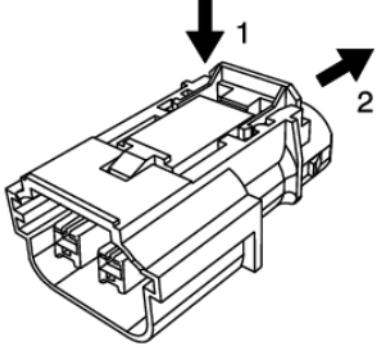
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK/WH	451	Signal Ground	I	-
2	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
3	0.75	VT/BK	1639	Run/Crank Ignition 1 Voltage	I	-
4	0.75	RD/GY	2840	Battery Positive Voltage	I	-
5	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
6	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-

G1 A/C COMPRESSOR X2 (HP9)

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Connector Part Information

- Harness Type: High Voltage Cable
- OEM Connector: 33107347
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F/M 0.8, 2.8 Metri-Pack Series, Sealed (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
A	5	OG	3974	High Voltage Battery 5 (+)	I	-
B	5	OG	3973	High Voltage Battery 5 (-)	I	-

G5 TRANSMISSION FLUID PUMP - ELECTRIC/AUXILIARY (HP9)

-

Connector Part Information

- Harness Type: Transmission Fluid Pump
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

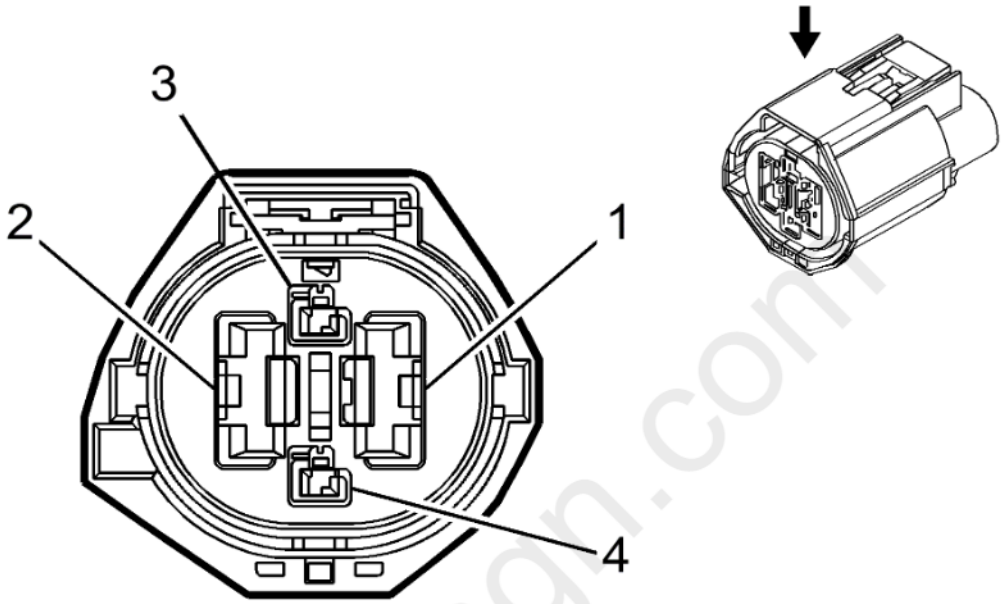
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD	3772	MGU Phase U Control	I	-
2	-	BK	3771	MGU Phase V Control	I	-
3	-	WH	3770	MGU Phase W Control	I	-

G10 COOLING FAN MOTOR (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13639758
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5, 9.5 Series, Sealed (D-GY)

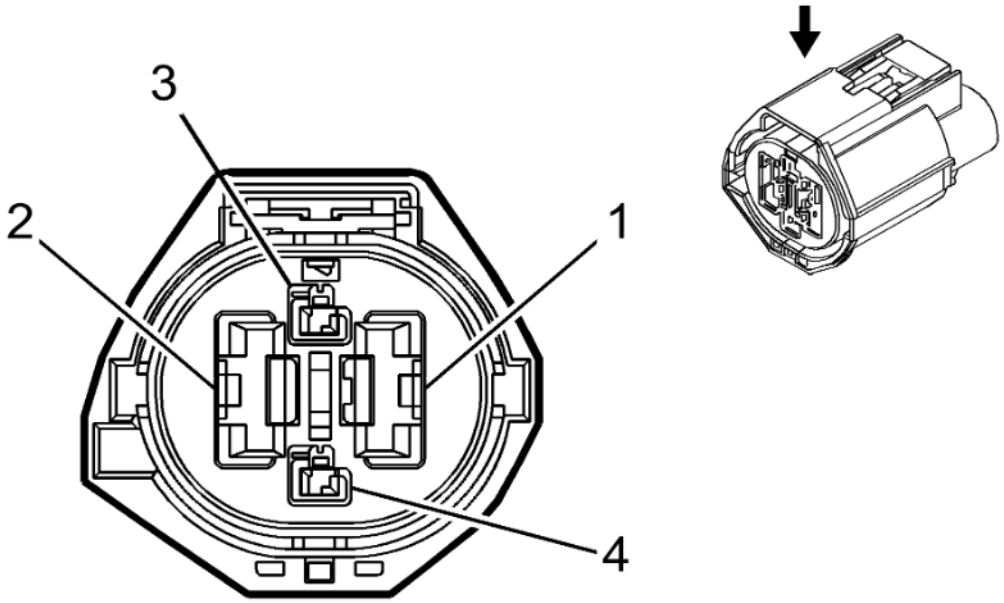
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/YE	1142	Battery Positive Voltage	II	-
2	10	BK	950	-	II	-
3	-	-	-	Not Occupied	-	-
4	0.5	WH	2368	Cooling Fan Control Signal	I	LGW/LGX

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G10 COOLING FAN MOTOR (KL9)



Connector Part Information

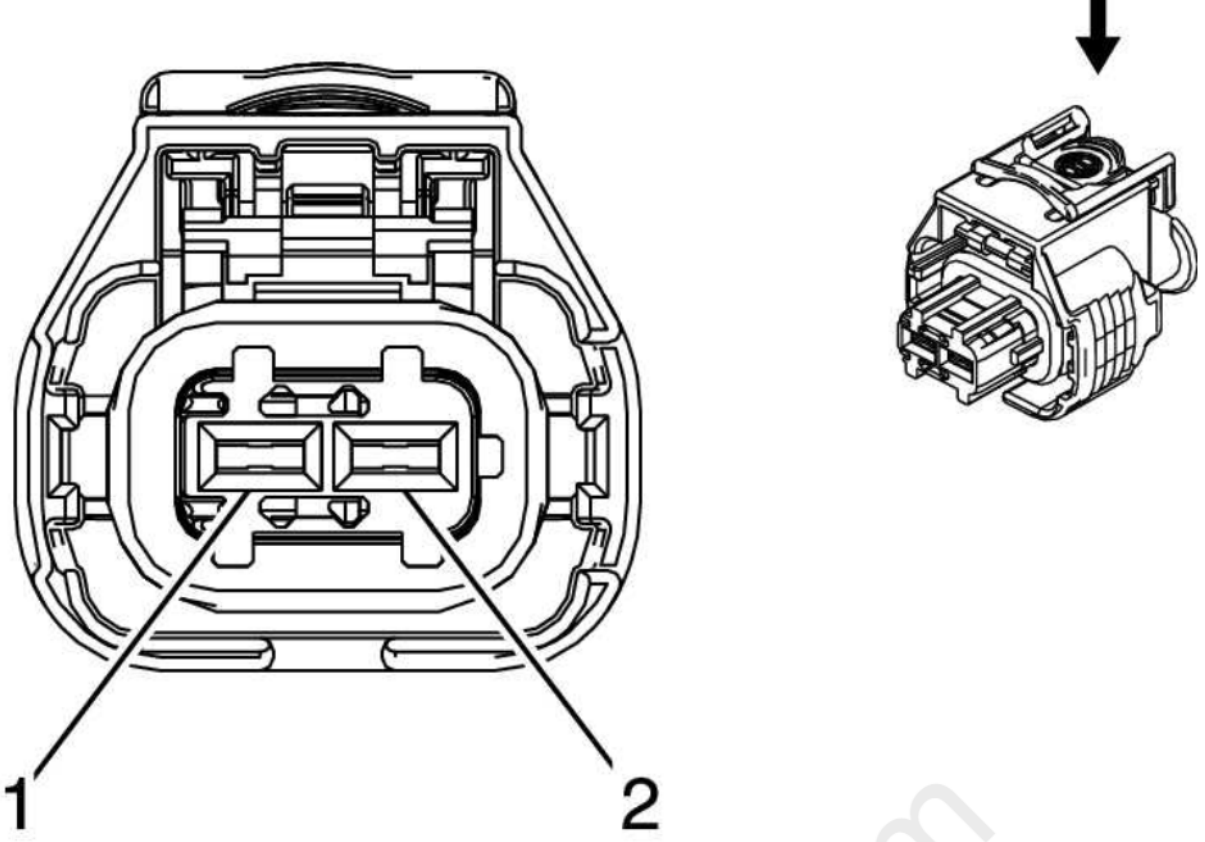
- Harness Type: Engine
- OEM Connector: 13639758
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5, 9.5 Series, Sealed (D-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/YE	1142	Battery Positive Voltage	II	-
2	10	BK	950	-	II	-
3	-	-	-	Not Occupied	-	-
4	0.5	WH	2368	Cooling Fan Control Signal	I	LGW/LGX

G13 GENERATOR X1 (KL9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13930085
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

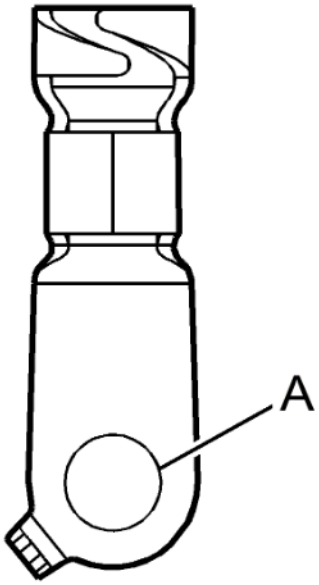
Terminal Part Information

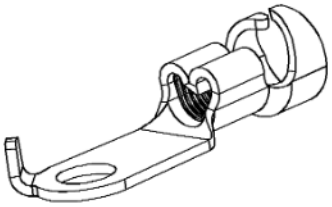
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	25	Charge Indicator Control	I	-
2	0.5	GY	23	Generator Field Duty Cycle Signal	I	-

G13 GENERATOR X2 (KL9)

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Connector Part Information

- Harness Type: Battery
- OEM Connector: 23129271
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

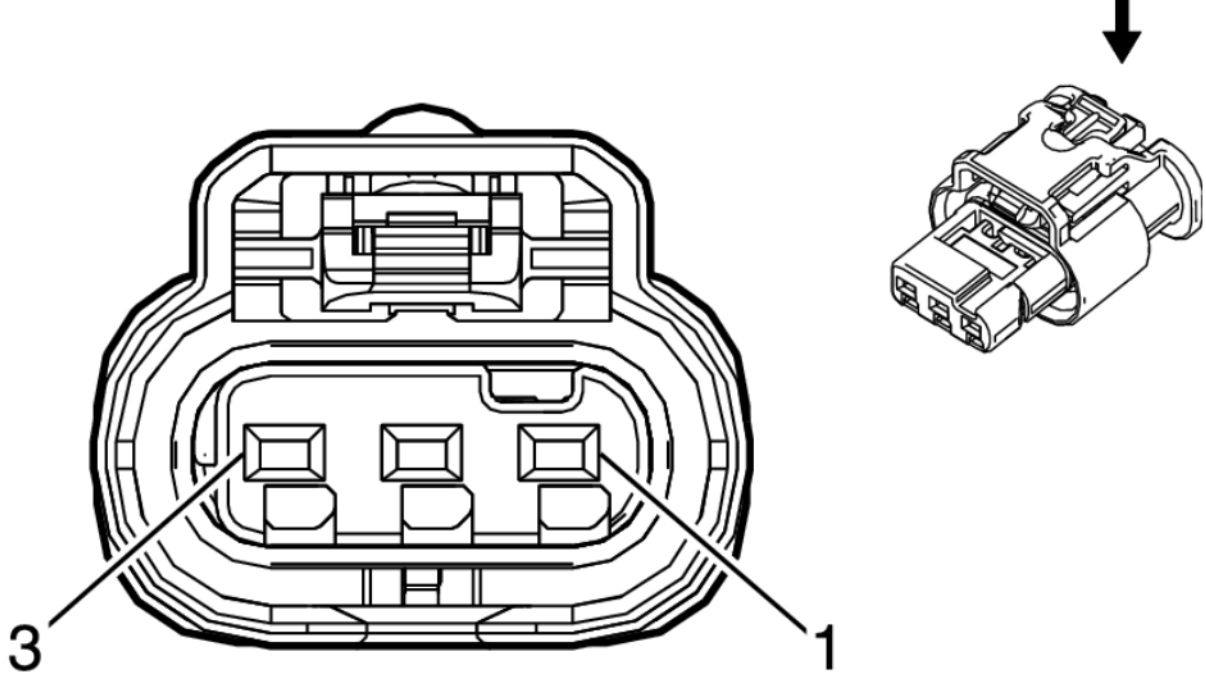
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	35	RD	1	Unfused Battery Positive Voltage	I	-

G17 HEATER COOLANT PUMP

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Connector Part Information

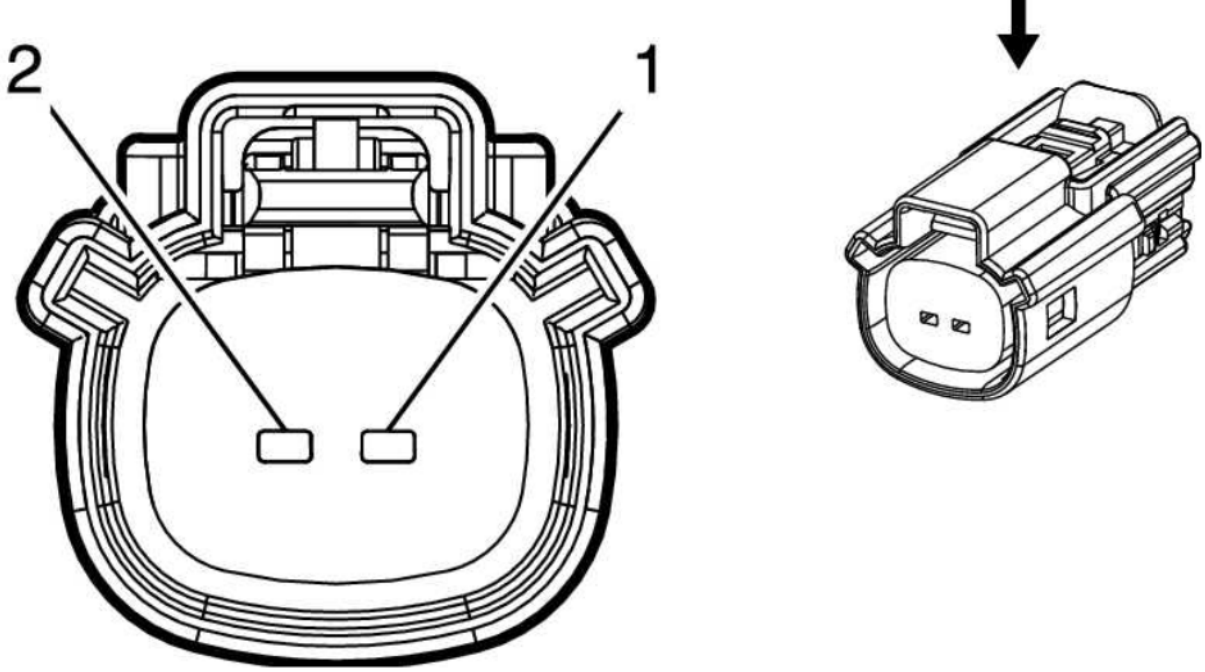
- Harness Type: Engine
- OEM Connector: 13868589
- Service Connector: 19329387
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK/WH	451	Signal Ground	I	-
2	0.75	YE/BU	5126	After Boil Heater Pump Control	I	-
3	-	-	-	Not Occupied	-	-

G18 HIGH PRESSURE FUEL PUMP (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13782480
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

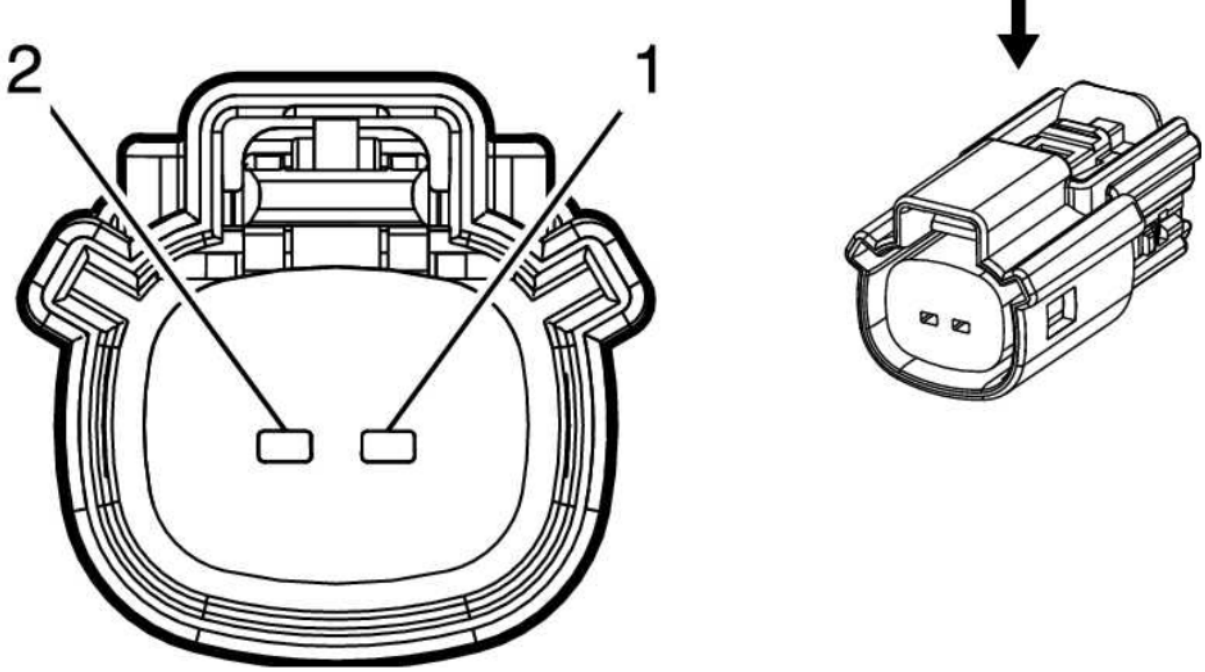
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	LTG
2	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	LTG

G18 HIGH PRESSURE FUEL PUMP (KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13782480
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

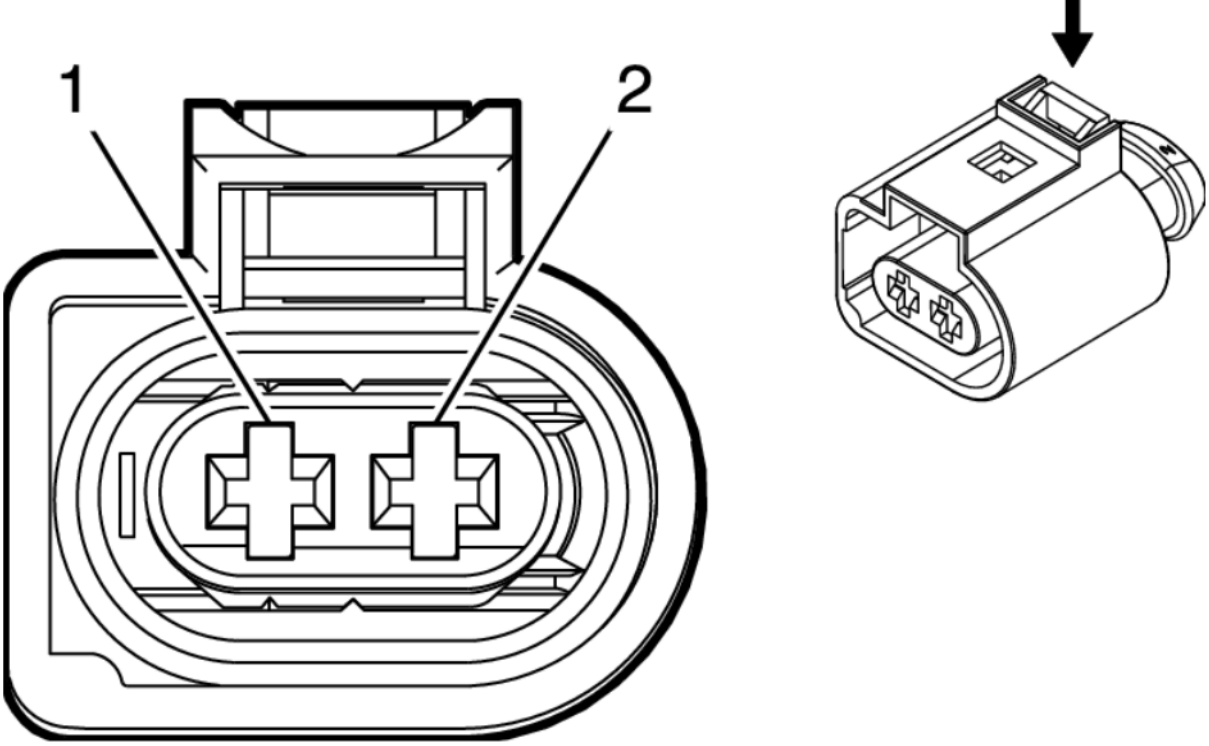
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	LGW/LGX
2	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	LGW/LGX

G24 WINDSHIELD WASHER PUMP

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 10863916
- Service Connector: 13576532
- Description: 2-Way F 2.8 MDK5 Series, Sealed (BK)

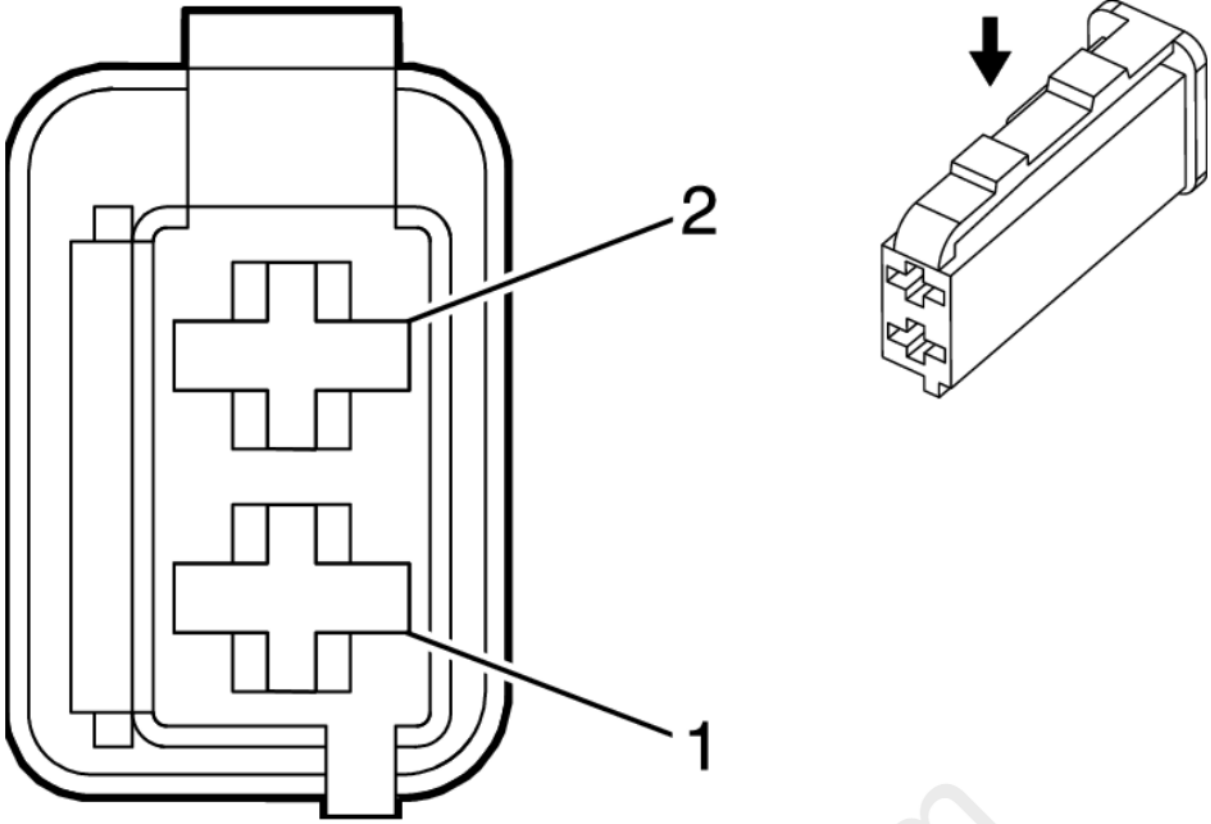
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	GY/VT	228	Windshield Washer Pump Control	I	-
2	1	BK	650	Ground	I	-

G31D SEAT LUMBAR/BOLSTER PUMP - DRIVER (AQ9/AR9)

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Connector Part Information

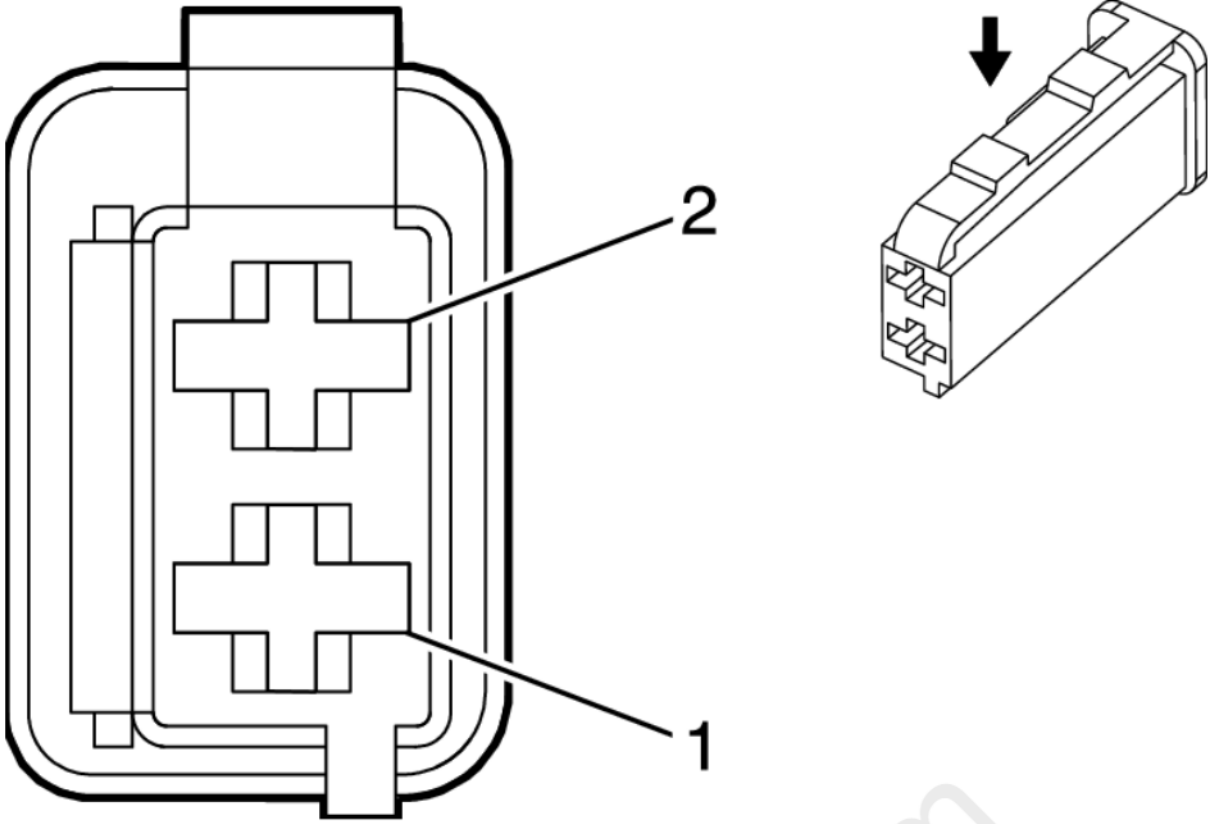
- Harness Type: Driver Seat Back
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-
2	0.5	BK	2150	Ground	I	-

G31LR SEAT LUMBAR/BOLSTER PUMP - LEFT REAR (AQ9)



Connector Part Information

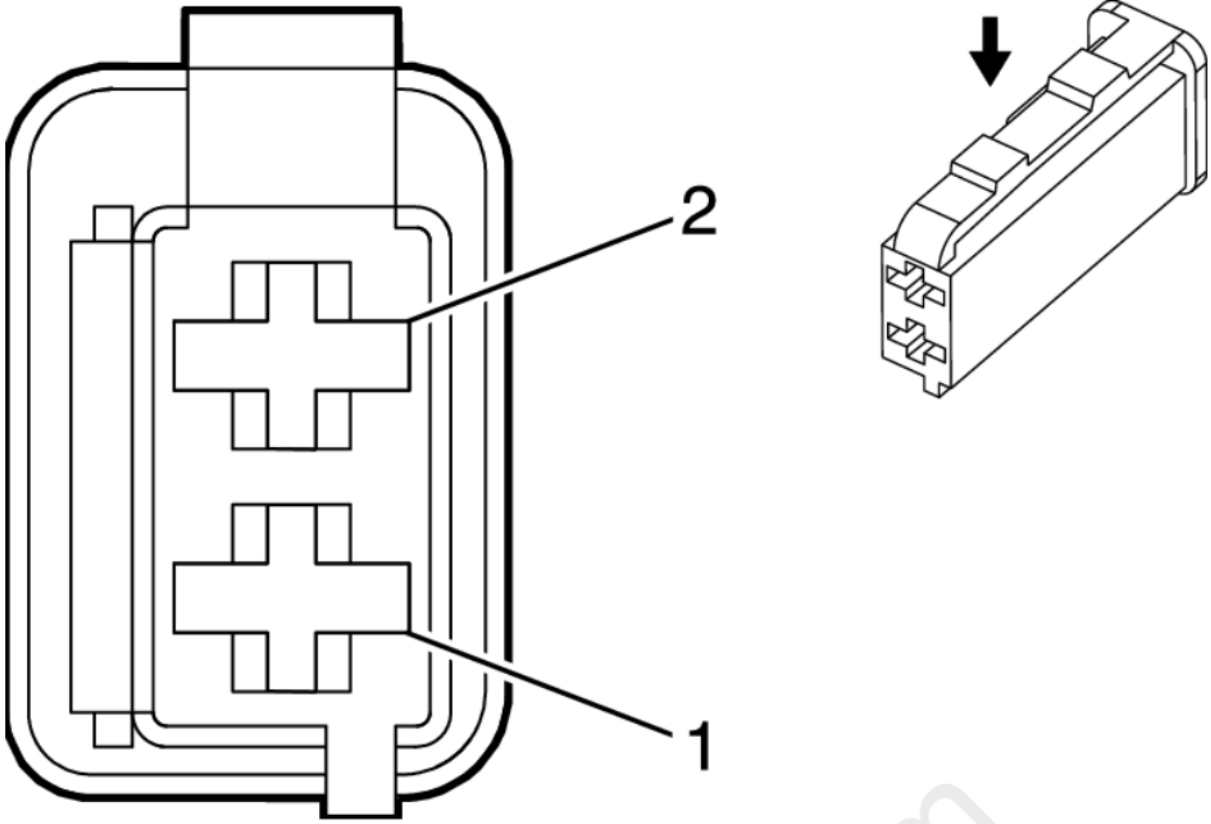
- Harness Type: Left Rear Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BU	4891	Driver Bolster Pump Control	I	-
2	-	BK	2150	Ground	I	-

G31P SEAT LUMBAR/BOLSTER PUMP - PASSENGER (AQ9/AR9)



Connector Part Information

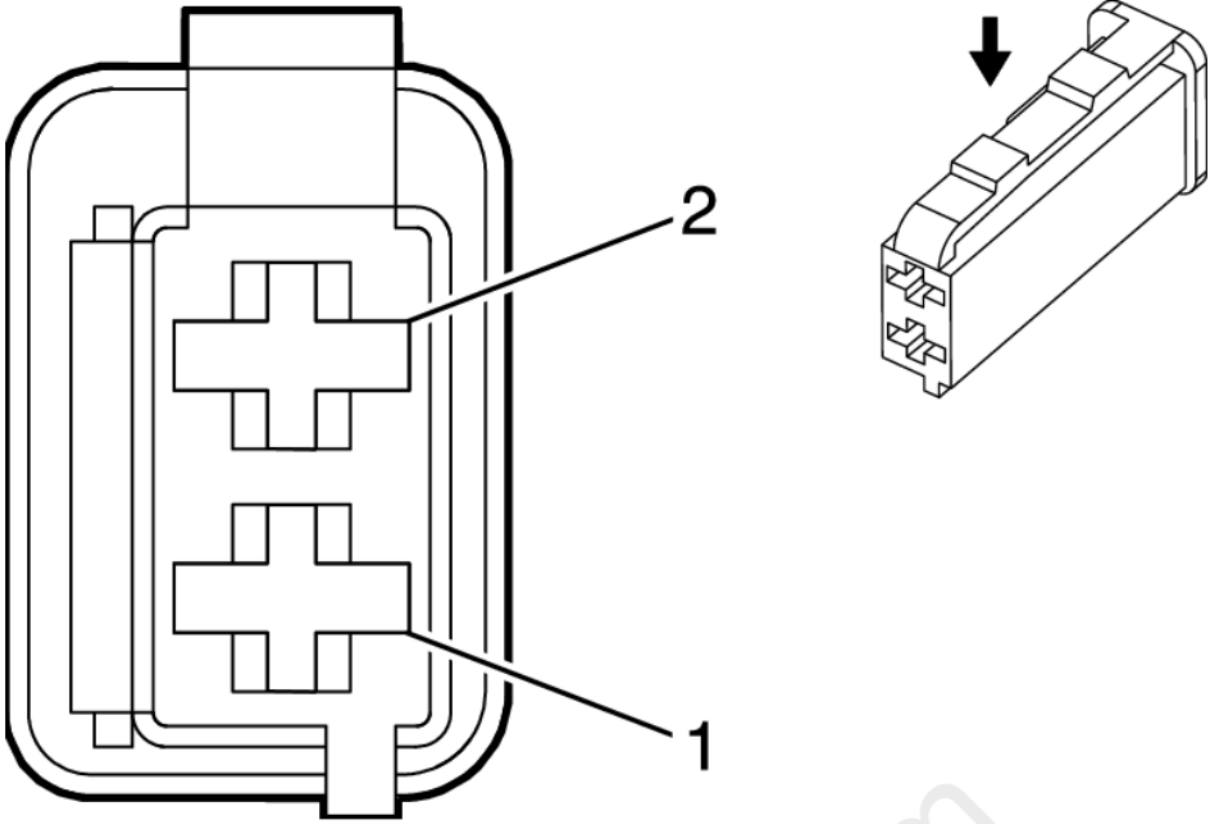
- Harness Type: Passenger Seat Back
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-
2	0.5	BK	2150	Ground	I	-

G31RR SEAT LUMBAR/BOLSTER PUMP - RIGHT REAR (AQ9)



Connector Part Information

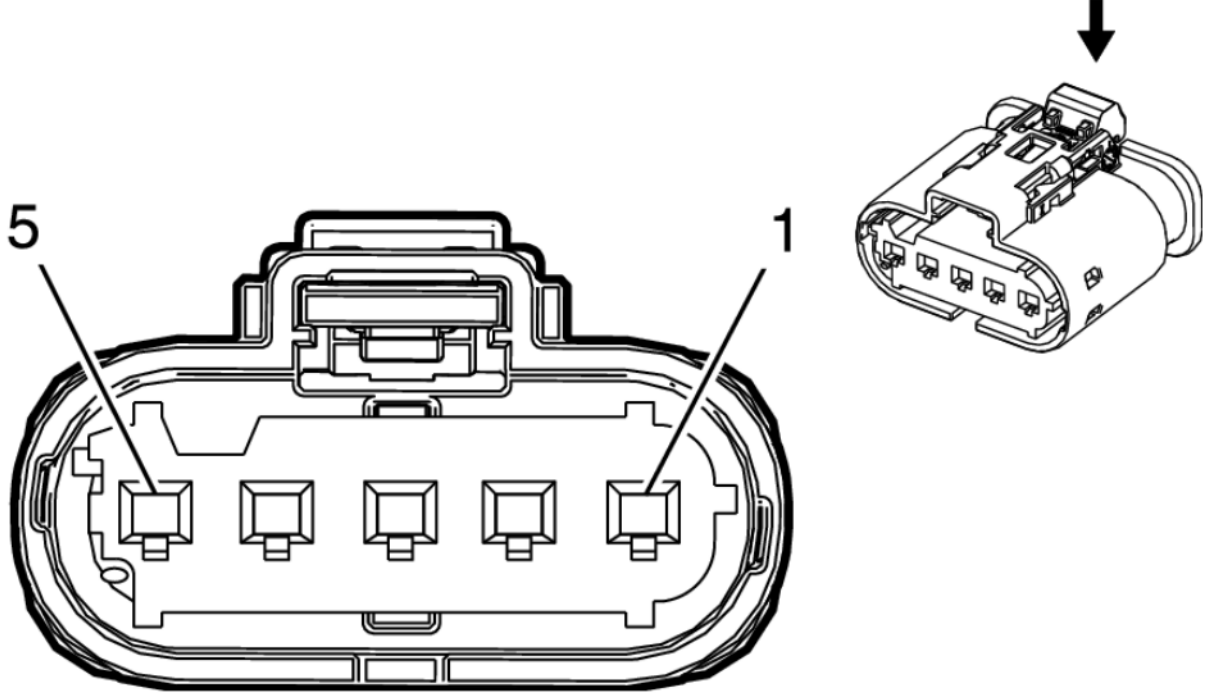
- Harness Type: Right Rear Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BU	4891	Driver Bolster Pump Control	I	-
2	-	BK	2150	Ground	I	-

G35 HYBRID/EV ELECTRONICS COOLANT PUMP (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13776142
- Service Connector: 19300589
- Description: 5-Way F 1.2 Multilock Series, Sealed (BK)

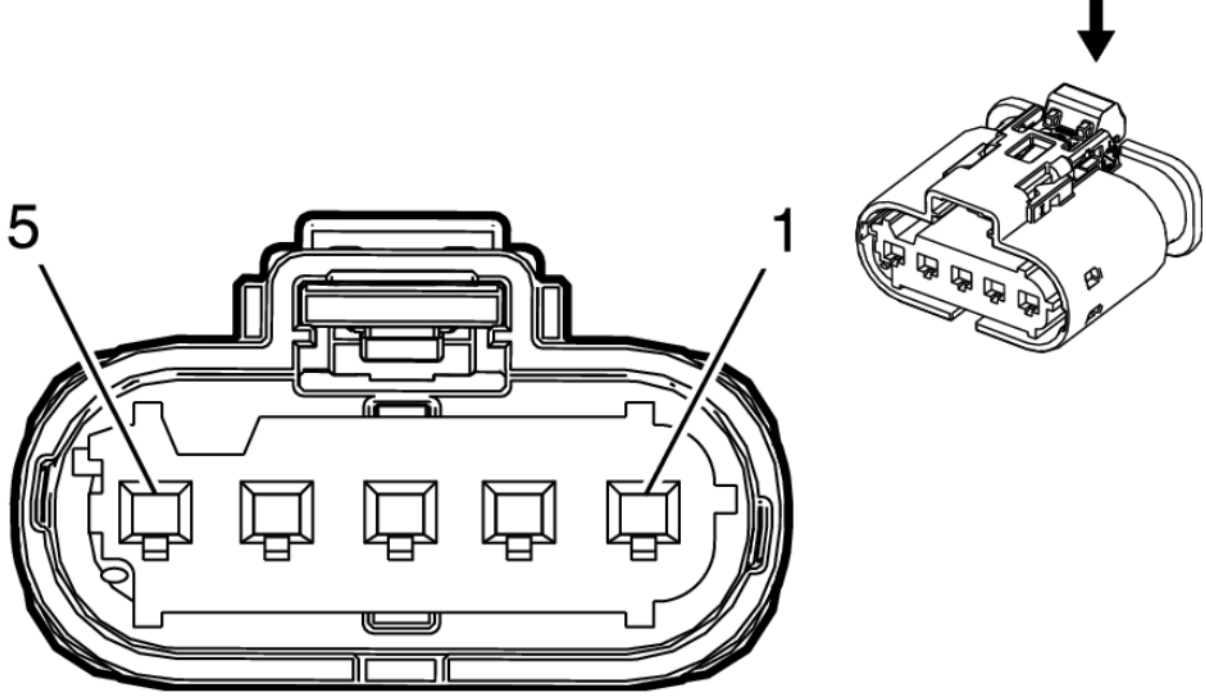
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/BU	3788	Electric Coolant Motor Control	I	-
2	0.5	VT/BU	3790	Electric Coolant Motor Feedback Signal	I	-
3	0.5	YE/GN	3789	Electric Coolant Motor Control	I	-
4	0.75	BK/WH	451	Signal Ground	I	-
5	0.75	RD/BU	3940	Battery Positive Voltage	I	-

G36 AUXILIARY HEATER COOLANT PUMP (HP9)

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Connector Part Information

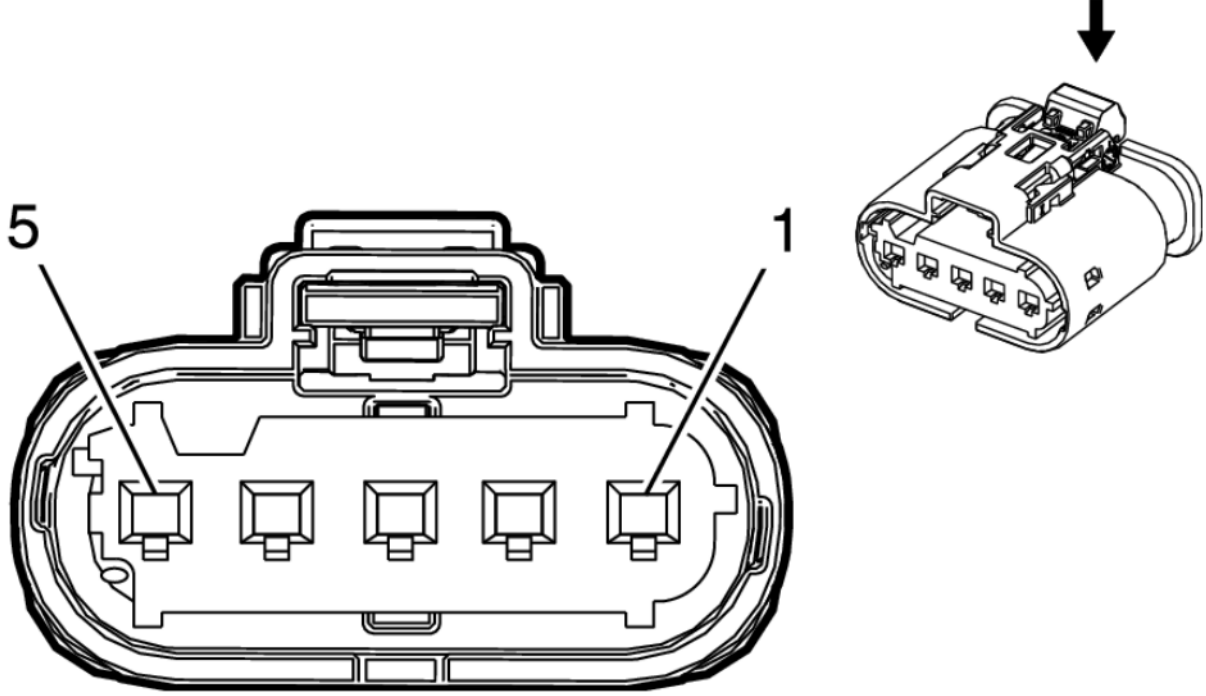
- Harness Type: Engine
- OEM Connector: 13776142
- Service Connector: 19300589
- Description: 5-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	3853	Cabin Heater Coolant Motor Control	I	-
2	0.5	BN/BU	3852	Cabin Heater Coolant Motor Feedback Signal	I	-
3	0.5	VT/YE	3854	Cabin Heater Coolant Motor Control	I	-
4	0.75	BK/WH	451	Signal Ground	I	-
5	0.5	RD/WH	3440	Battery Positive Voltage	I	-

G37 HYBRID/EV BATTERY PACK COOLANT PUMP



Connector Part Information

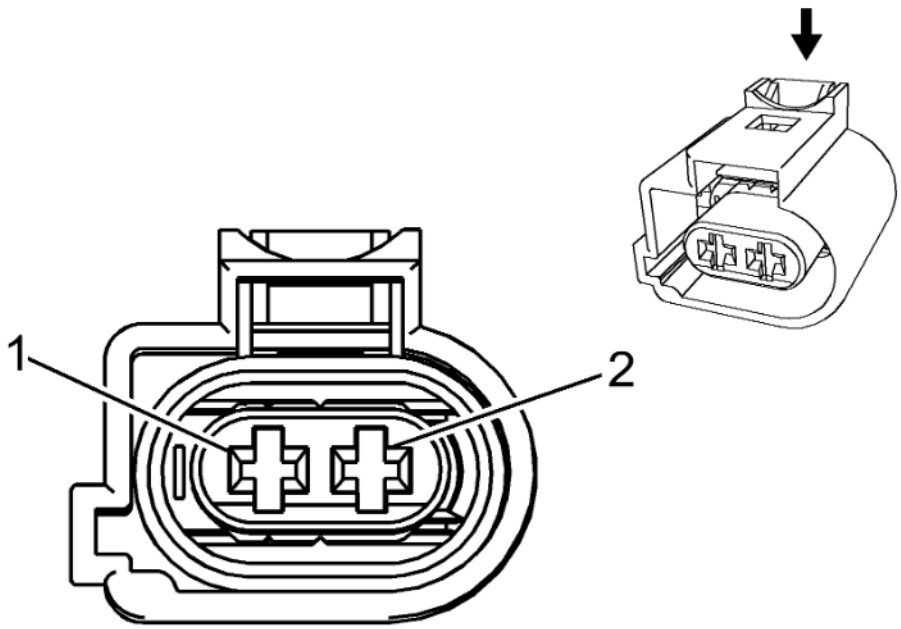
- Harness Type: Body
- OEM Connector: 13776142
- Service Connector: 19300589
- Description: 5-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	3794	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
2	0.5	YE/GY	3796	Rechargeable Energy Storage System 1 Coolant Motor Feedback Signal	I	-
3	0.5	BU/VT	3795	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
4	0.75	BK	550	Ground	I	-
5	0.75	RD/VT	5640	Battery Positive Voltage	I	-

G52 NIGHT VISION CAMERA WASHER PUMP (UV3)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13595748
- Service Connector: 13314091
- Description: 2-Way F 2.8 MCP Series, Sealed (NA)

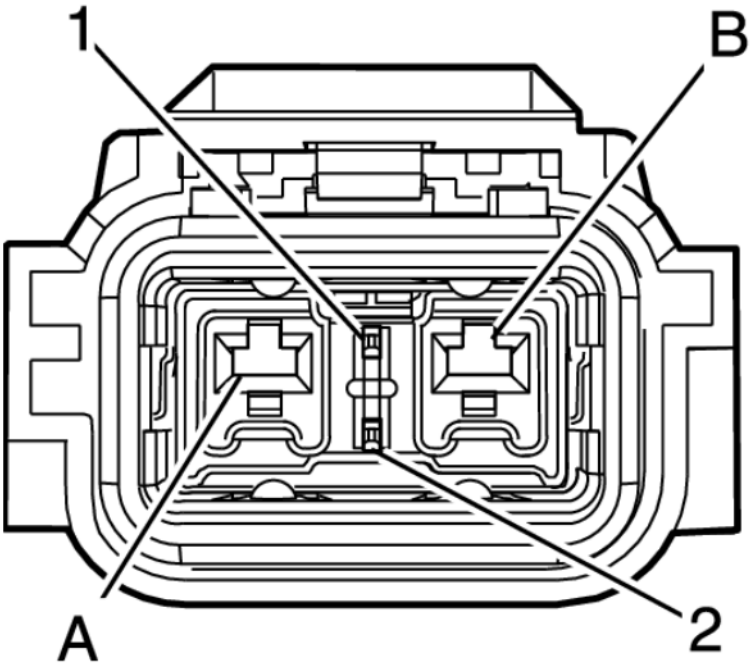
Terminal Part Information

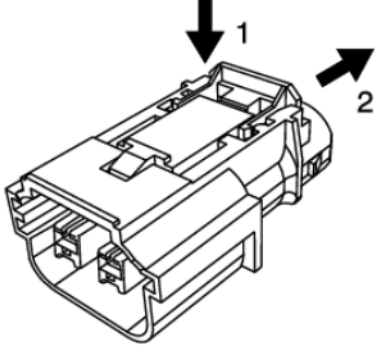
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	VT	1197	Headlamp Washer Pump Control	I	-
2	1	BK	650	Ground	I	-

K1 14V POWER MODULE X1 (HP9)

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Connector Part Information

- Harness Type: 14V Power Module Jumper
- OEM Connector: 13593391
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F/M 0.8, 2.8 Metri-Pack Series, Sealed (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

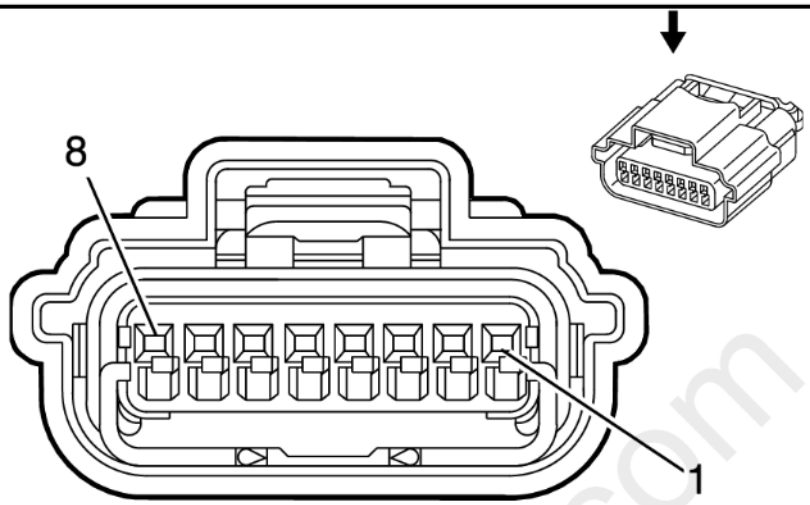
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
A	-	OG/BK	3835	High Voltage Battery 2 (-) Shield Ground	I	-
B	-	OG/RD	3834	High Voltage Battery 2 (+)	I	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

K1 14V POWER MODULE X2 (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191190
- Service Connector: 19352910
- Description: 8-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	25	Charge Indicator Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
4 - 8	-	-	-	Not Occupied	-	-

K1 14V POWER MODULE X3 (HP9)

-

Connector Part Information

- Harness Type: 14V Power Module Positive Cable
- OEM Connector: 23120554
- Service Connector: Service by Harness - See Part Catalog

- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	RD/YE	2	Battery Positive Voltage	I	-

K1 14V POWER MODULE X4 (HP9)

-

Connector Part Information

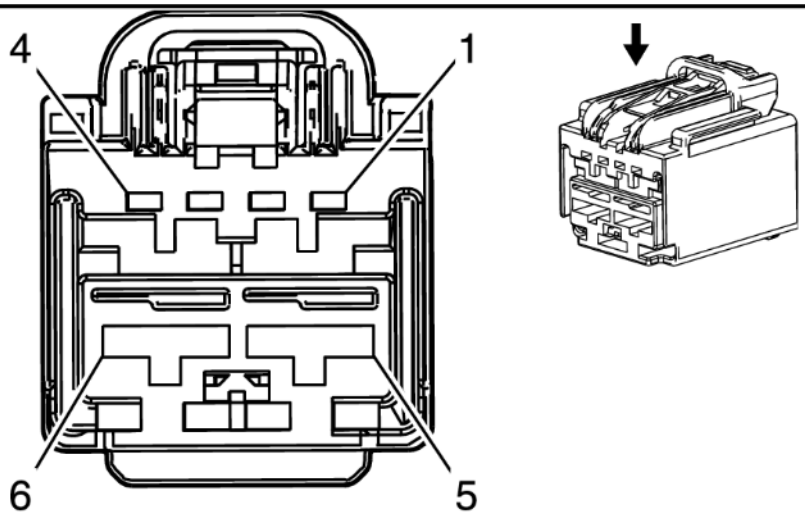
- Harness Type: 14V Power Module Negative Cable
- OEM Connector: 23120556
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	- -	OG/BK BK	3833 50	High Voltage Battery 2 (-) Ground	I I	- -
B	-	OG/RD	3834	High Voltage Battery 2 (+)	I	-

K8A BLOWER MOTOR CONTROL MODULE - AUXILIARY X1 (C24)



Connector Part Information

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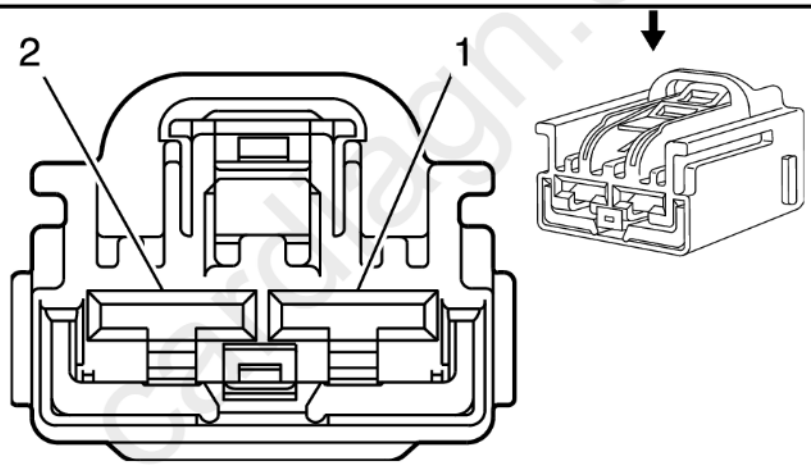
- Harness Type: Body
- OEM Connector: 13520671
- Service Connector: 88988512
- Description: 6-Way F 150 GT, 6.3 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	L-GN/BK	2211	Rear Blower Motor Speed Control	I	-
4	-	-	-	Not Occupied	-	-
5	4	BK	2350	Ground	II	-
6	4	RD/VT	542	Battery Positive Voltage	II	-

K8A BLOWER MOTOR CONTROL MODULE - AUXILIARY X2 (C24)



Connector Part Information

- Harness Type: Auxiliary Blower Motor Jumper
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

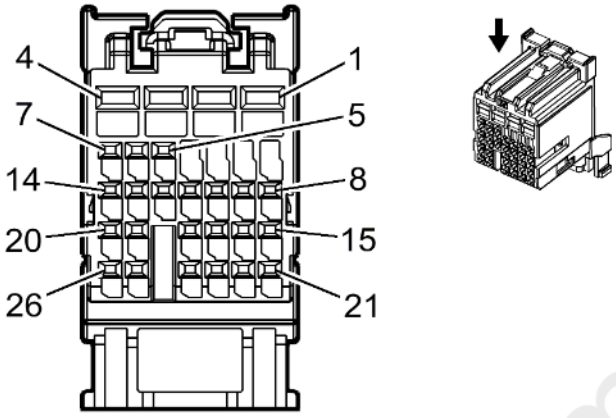
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	OG	5987	Front Blower Motor Low Reference	I	-
2	2.5	RD/GY	65	Blower Motor Control	I	-

K9 BODY CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13882856
- Service Connector: 13581573
- Description: 26-Way F 0.64, 2.8 Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
II	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

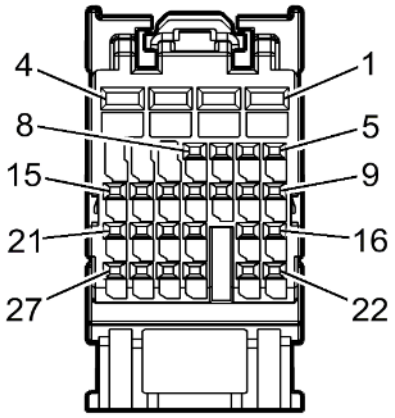
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	1350	Ground	II	-
2	1	RD/BU	2540	Battery Positive Voltage	II	-
3	1	RD/GY	2140	Battery Positive Voltage	II	-
4	0.75	RD/BN	2240	Battery Positive Voltage	II	-
5	0.35	WH	6816	Indicator Dimming Control	I	-
6	0.35	BN/WH	4046	Glove Box Door Release Relay Control	I	-

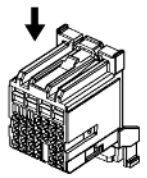
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.13	BN/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	I	-
8	0.13	BN	5720	Ignition Mode Switch Accessory LED Signal	I	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.13	GN	306	Headlamp Switch Headlamps Off Signal Control	I	-
12	0.35	BU/GY	187	Rear Fog Lamp Switch Signal	I	T79
13	0.13	BU/OG	1688	5V Reference	I	-
14	0.13	GN	328	Interior Lamp Defeat Switch Signal	I	-
15	0.35	BU	9844	Auto Hold Switch Signal	I	JM8
16	0.13	WH	103	Headlamp Switch On Signal	I	-
17	-	-	-	Not Occupied	-	-
18	0.35	BU/VT	5904	Steering Column Lock Status Signal	I	ULS
19	0.35	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
20	0.13	BU	5719	Ignition Mode Switch Start LED Signal	I	-
21	0.13	GY	728	Security Indicator Control	I	-
22	0.13	GN	13	Headlamp Switch Park Lamp Signal	I	-
23	0.35	VT/GN	7558	LED Ambient Lighting Control 2	I	-
24	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
25	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
26	0.35	BU	3275	Remote Function Actuator Receive Signal	I	-

K9 BODY CONTROL MODULE X2

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13882850
- Service Connector: 13581574
- Description: 27-Way F 0.64, 2.8 Series (BU)

Terminal Part Information

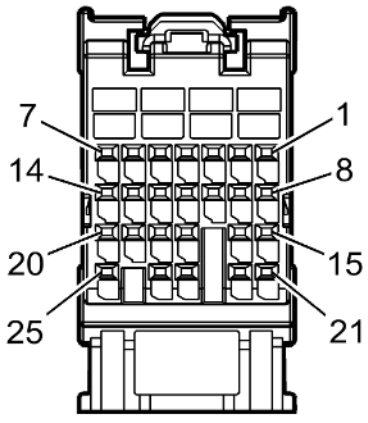
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	8100-4445	Sumitomo 22	4	4
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

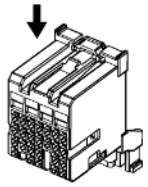
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/VT	4040	Battery Positive Voltage	III	-
2	0.75	BK	1350	Ground	III	-
3	-	-	-	Not Occupied	-	-
4	2	RD/WH	5440	Battery Positive Voltage	I	-
5	0.5	GY	157	Interior Lamp Control	II	-
6	0.13	GN	1110	Auto Stop Start Indicator Control	II	-
7	0.35	BU/YE	5361	Brake Apply Sensor Signal	II	-
8	0.35	YE	6817	LED Backlight Dimming Control	II	-
9	0.13	YE	44	Instrument Panel Lamp Dimmer Switch Signal	II	-
10	0.13	WH	278	Ambient Light Sensor Signal	II	KL9
11	-	-	-	Not Occupied	-	-
12	0.35	BN/BU	775	Camera Wash Signal	II	UV3

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.35	WH	5359	Brake Apply Sensor Control	II	-
14	0.13	BU	1788	Traction Control Switch Signal 1	II	-
15	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	II	-
16	0.35	GY	3273	Remote Function Actuator Low Reference	II	-
17	0.13	BU	5723	Ignition Mode Switch Mode Voltage	II	-
18	0.13	GN/WH	4047	Glove Box Door Release Signal	II	-
19	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	II	-
20	-	-	-	Not Occupied	-	-
21	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	II	-
22	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
23	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-(UHX-UGN)
25	0.35	GY/WH	3272	Remote Function Actuator Control	II	-
26	0.13	GN/WH	111	Hazard Switch Signal	II	-
27	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	II	-

K9 BODY CONTROL MODULE X3





Connector Part Information

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- Harness Type: Instrument Panel
- OEM Connector: 13882855
- Service Connector: 13581579
- Description: 25-Way F 0.64, 2.8 Series (GN)

Terminal Part Information

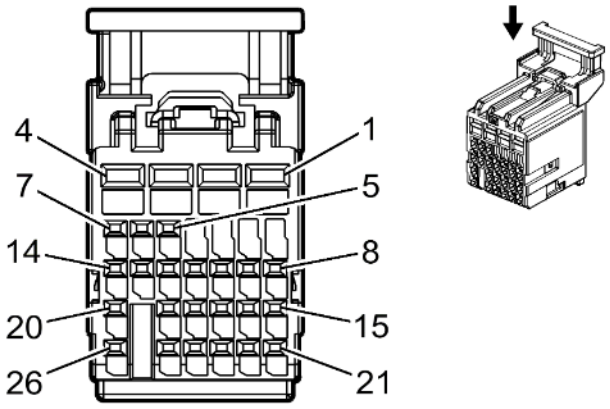
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/WH	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-
4	0.35	WH/RD	1444	12V Reference	I	-
5	0.35	VT/YE	4	Accessory Ignition Voltage	I	-
6	0.35	VT/BK	3	Run/Crank Ignition 1 Voltage	I	-
7	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
8	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-
9	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
10	0.35	BK/GY	6009	Windshield Wiper Switch Low Reference	I	-
11	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-
12	0.35	BU/WH	1414	Left Front Turn Signal Switch Signal	I	-
13	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	I	-
14	0.13	BU	1111	Auto Stop Start Switch Signal	I	-
15 - 16	-	-	-	Not Occupied	-	-
17	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-
18	0.35	GN/WH	3287	Horn Switch Signal	I	-
19	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	KA6
20	0.35	GY	1715	Windshield Wiper Switch High Signal	I	-
21	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
22	-	-	-	Not Occupied	-	-
23	0.35	GN	4512	Wireless Charging System Charge Indicator Control	I	-
24	0.35	GN/VT	1415	Right Front Turn Signal Switch Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
25	0.35	WH/BK	94	Windshield Washer Switch Signal	I	-

K9 BODY CONTROL MODULE X4



Connector Part Information

- Harness Type: Body
- OEM Connector: 13882852
- Service Connector: 13581575
- Description: 26-Way F 0.64, 2.8 Series (BK)

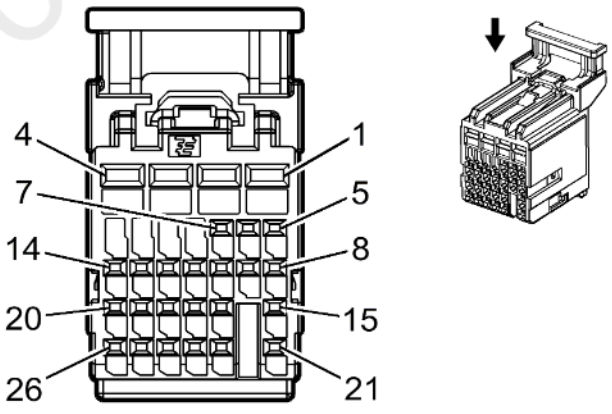
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	312	Right Headlamp Low Beam Control	I	-
2	0.5	YE	712	Left Headlamp Low Beam Control	I	-
3	0.75	GN/VT	1315	Right Front Turn Signal Lamp Control	III	-
4	0.75	BU/VT	1335	Right Rear Turn Signal Lamp Control	III	-
5	0.5	GY/BN	309	Right Park Lamp Control	II	-
6	0.5	VT/GY	709	Left Park Lamp Control	II	-
7	0.5	GY/BU	7538	Left Front DRL Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	GY/VT	3264	Logistic Mode Relay Close Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	YE/GY	122	Rear Fog Lamp Control	II	-
11	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	II	-
12	0.35	GY/VT	755	RAP Relay Coil Control	II	-
13	0.5	GN/YE	6846	Rear License Lamp Control	II	-
14	0.35	BN/GY	2268	Windshield Washer Relay Control	II	-
15	0.35	GN/VT	5199	Run/Crank Relay Coil Control	II	-
16	0.35	GY	91	Windshield Wiper Motor Relay Coil Control	II	-
17	0.5	BN/GN	196	Windshield Wiper Motor Park Switch Signal	II	-
18	0.35	WH/YE	5075	Current Sensor Signal	II	-
19	0.35	WH/YE	7545	Right Front Turn Lamp Feedback Signal	II	-
20	0.35	RD/YE	2340	Battery Positive Voltage	II	-
21	0.35	BU/VT	5076	Current Sensor Control	II	-
22	0.35	VT/YE	5985	Accessory Wakeup Serial Data	II	-
23	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
24	0.35	BN/GN	4064	Hood Status B Signal	II	-
25	0.35	VT/BK	6568	Front Turn Lamp Feedback Signal	II	-
26	0.75	BK/BN	1798	Low Reference	II	-

K9 BODY CONTROL MODULE X5



Connector Part Information

- Harness Type: Body
- OEM Connector: 13882851
- Service Connector: 13581576
- Description: 26-Way F 0.64, 2.8 Series (BN)

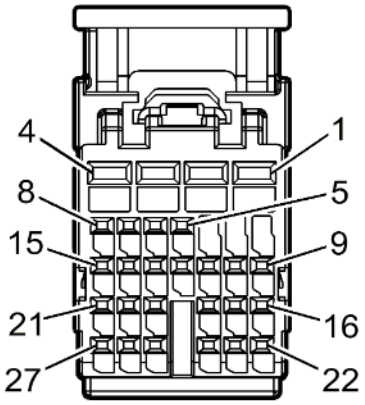
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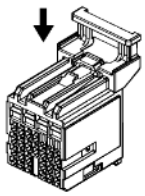
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/WH	1334	Left Rear Turn Signal Lamp Control	III	-
2	0.75	BU/WH	1314	Left Front Turn Signal Lamp Control	III	-
3	0.5	RD/GN	5140	Battery Positive Voltage	I	-
4	1	RD/WH	3440	Battery Positive Voltage	III	-
5	0.5	GY/YE	7542	Left Rear Stop Lamp Control	II	-
6	0.35	BK/VT	5077	Current Sensor Low Reference	II	-
7	0.5	BU/BN	7539	Right Front DRL Control	II	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	GY/VT	6560	Left Cornering Lamp Relay Control	II	T87
11	0.35	GY/YE	6188	Lift Glass/Rear Compartment Lid Motor Release Control	II	-
12	0.35	WH/BU	6311	Cruise/ETC/TCC Brake Signal	II	-
13 - 17	-	-	-	Not Occupied	-	-
18	0.35	BN/VT	1969	Headlamp High Beam Relay Control	II	-
19	0.35	BN/WH	28	Horn Relay Control	II	-
20	-	-	-	Not Occupied	-	-
21	0.13	BU	4672	Dome Lamp Off Indicator Control	II	-
22	0.35	WH/GY	352	Headlamp Relay Coil Control	II	-
23	0.5	BU/BN	6561	Right Cornering Lamp Relay Control	II	T87
24	0.35	WH/VT	860	Front Windshield Wiper Switch High Signal	II	-
25	-	-	-	Not Occupied	-	-
26	0.35	YE/BU	2282	Headlamp Washer Relay Control	II	UV3

K9 BODY CONTROL MODULE X6





Connector Part Information

- Harness Type: Body
- OEM Connector: 13882853
- Service Connector: 13581577
- Description: 27-Way F 0.64, 2.8 Series (PK)

Terminal Part Information

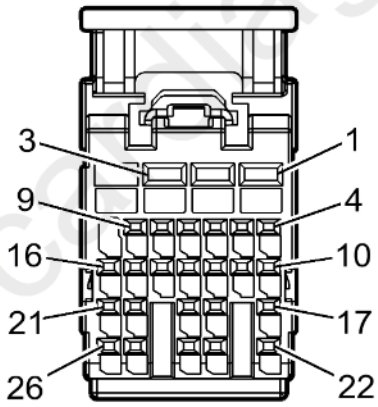
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

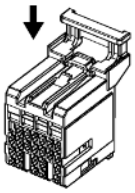
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/WH	195	Door Lock Control	I	-
2	1.5	GY	295	Door Lock Actuator Lock Control	I	-
3	1.5	BK	2250	Ground	I	-
4	1.5	BN/YE	294	Door Lock Actuator Unlock Control	I	-
5	0.35	VT/GY	1303	Lift Gate Ajar Switch Signal 1	II	-
6	-	-	-	Not Occupied	-	-
7	0.5	GN/WH	24	Backup Lamp Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	II	-
10	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-
11	-	-	-	Not Occupied	-	-
12	0.5	WH/VT	6567	Rear Turn Lamp Feedback Signal	II	-
13	0.35	YE/BU	4086	Pushbutton Start Challenge Active Signal	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.13	VT	6189	Lift Glass/Rear Compartment Lid Interior Release Signal	II	-
15	0.35	YE/BU	5797	Rear Closure Handle Switch Open Signal	II	-
16	0.35	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	II	-
17	-	-	-	Not Occupied	-	-
18	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
19	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
20 - 23	-	-	-	Not Occupied	-	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-(UHX-UGN)
25	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-(UHX-UGN)
26 - 27	-	-	-	Not Occupied	-	-

K9 BODY CONTROL MODULE X7





Connector Part Information

- Harness Type: Body
- OEM Connector: 13882854
- Service Connector: 13581578
- Description: 26-Way F 0.64, 2.8 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	157	Interior Lamp Control	III	-
2	0.5	GN/WH	24	Backup Lamp Control	I	-
3	0.5	WH/BN	6815	Inadvertent Power Control	I	-
4	0.35	BN/YE	186	Fuel Door Lock Relay Control	II	-
5	-	-	-	Not Occupied	-	-
6	0.35	VT/BK	7553	Park Lock Solenoid Control	II	-
7	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	II	-
8	0.5	WH/YE	7541	Right Rear Stop Lamp Control	II	-
9	0.5	YE	6817	LED Backlight Dimming Control	II	-
10	0.35	BU/BN	7547	Security Lock Relay Control	II	UTT
11 - 12	-	-	-	Not Occupied	-	-
13	0.35	WH/VT	5905	Key Capture/Column Lock Shift Position Signal	II	-
14	0.35	YE	244	Passenger Door Lock Switch Lock Control	II	-
15	0.35	WH/GY	3849	High Beam Auto On/Off Switch Signal	II	TQ5
16	0.35	VT/BU	3263	Logistic Mode Relay Open Control	II	-
17 - 18	-	-	-	Not Occupied	-	-
19	0.13	GY	156	Courtesy Lamp Switch Signal	II	-
20	-	-	-	Not Occupied	-	-
21	0.5	WH/BK	7544	Right Rear Turn Lamp Feedback Signal	II	-
22	0.5	WH/YE	7557	LED Ambient Lighting Control 1	II	-
23	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
24	-	-	-	Not Occupied	-	-
25	0.35	BN	245	Passenger Door Lock Switch Unlock Control	II	-
26	-	-	-	Not Occupied	-	-

K10 COOLANT HEATER CONTROL MODULE X2 (HP9)

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Connector Part Information

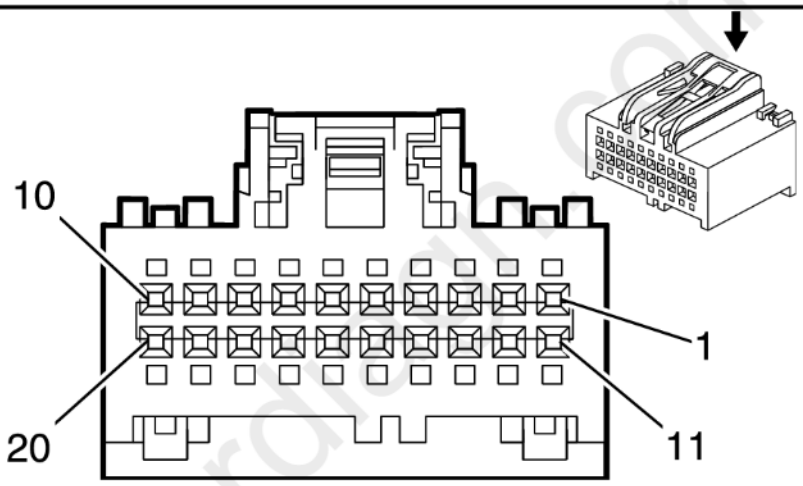
- Harness Type: Coolant Heater Cable Jumper
- OEM Connector: Coolant Heater Cable Jumper
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/RD	3970	High Voltage Battery 4 (+)	I	-
2	-	OG/BK	3969	High Voltage Battery 4 (-)	I	-

K16 BATTERY ENERGY CONTROL MODULE X1 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593931
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 64 Series, Sealed (BK)

Terminal Part Information

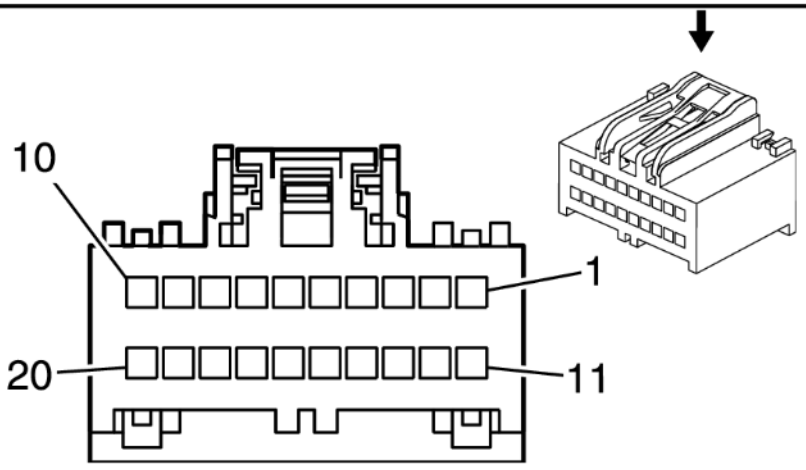
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	VT	5391	Battery Voltage Signal 1	I	-
3	-	WH	5395	Battery Voltage Signal 3	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	-	GY/YE	5396	Battery Voltage Signal 4	I	-
5	-	GN	5398	Battery Voltage Signal 6	I	-
6	-	BU	5400	Battery Voltage Signal 8	I	-
7	-	BU/GY	5392	Battery Voltage Signal 10	I	-
8	-	BN	5571	Battery Voltage Signal 12	I	-
9	-	YE/GY	5572	Battery Voltage Signal 13	I	-
10	-	WH/BK	5574	Battery Voltage Signal 15	I	-
11	-	BK/VT	5403	Battery Pack Monitor Low Reference	I	-
12	-	YE/VT	5394	Battery Voltage Signal 2	I	-
13	-	GY/YE	5396	Battery Voltage Signal 4	I	-
14	-	YE/GN	5397	Battery Voltage Signal 5	I	-
15	-	YE/BN	5399	Battery Voltage Signal 7	I	-
16	-	GN/BK	5401	Battery Voltage Signal 9	I	-
17	-	GN/GY	5393	Battery Voltage Signal 11	I	-
18	-	BN	5571	Battery Voltage Signal 12	I	-
19	-	YE	5573	Battery Voltage Signal 14	I	-
20	-	BN/WH	5575	Battery Voltage Signal 16	I	-

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K16 BATTERY ENERGY CONTROL MODULE X2 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593932
- Service Connector: Service by Harness - See Part Catalog

- Description: 20-Way F USCAR 64 Series (GY)

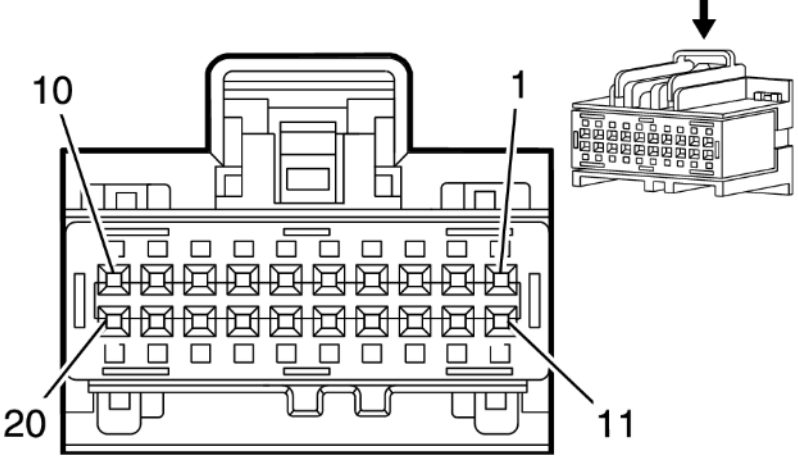
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/WH	5575	Battery Voltage Signal 16	I	-
2	-	GN/VT	5577	Battery Voltage Signal 18	I	-
3	-	YE/BK	5579	Battery Voltage Signal 20	I	-
4	-	YE/BK	5579	Battery Voltage Signal 20	I	-
5	-	BU/WH	5581	Battery Voltage Signal 22	I	-
6	-	WH/BK	5583	Battery Voltage Signal 24	I	-
7	-	VT/WH	5584	Battery Voltage Signal 25	I	-
8	-	BU/BK	5586	Battery Voltage Signal 27	I	-
9	-	YE/WH	5588	Battery Voltage Signal 29	I	-
10	-	GN/BK	5590	Battery Voltage Signal 31	I	-
11	-	WH/BU	5576	Battery Voltage Signal 17	I	-
12	-	GN/WH	5578	Battery Voltage Signal 19	I	-
13	-	YE/BK	5579	Battery Voltage Signal 20	I	-
14	-	GY/BN	5580	Battery Voltage Signal 21	I	-
15	-	GY/BK	5582	Battery Voltage Signal 23	I	-
16	-	WH/BK	5583	Battery Voltage Signal 24	I	-
17	-	GY/GN	5585	Battery Voltage Signal 26	I	-
18	-	GY/BK	5587	Battery Voltage Signal 28	I	-
19	-	VT/GN	5589	Battery Voltage Signal 30	I	-
20	-	GY	5591	Battery Voltage Signal 32	I	-

K16 BATTERY ENERGY CONTROL MODULE X3 (HP9)

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Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593933
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

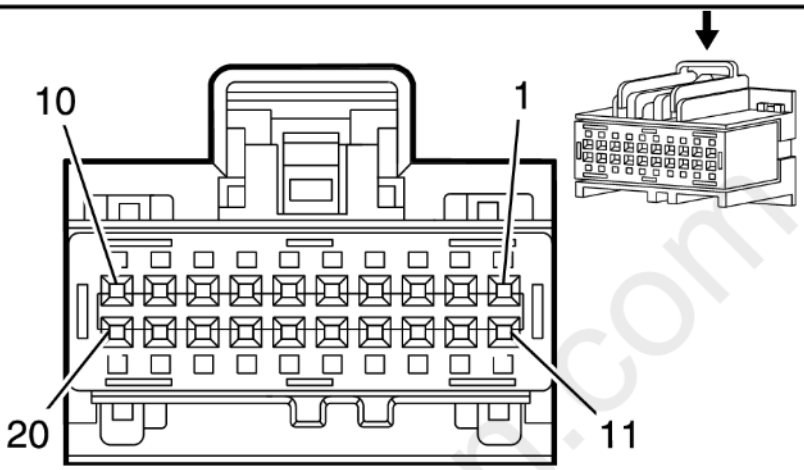
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	5591	Battery Voltage Signal 32	I	-
2	-	VT/BK	4514	Battery Cell Voltage Signal 34	I	-
3	-	VT	4517	Battery Cell Voltage Signal 36	I	-
4	-	YE/VT	4518	Battery Cell Voltage Signal 37	I	-
5	-	GY/YE	4520	Battery Cell Voltage Signal 39	I	-
6	-	GN	4522	Battery Cell Voltage Signal 41	I	-
7	-	BU	4524	Battery Cell Voltage Signal 43	I	-
8	-	GN/BK	4523	Battery Cell Voltage Signal 42	I	-
9	-	BU/GY	4526	Battery Cell Voltage Signal 45	I	-
10	-	BN	4528	Battery Cell Voltage Signal 47	I	-
11	-	GY/WH	5592	Battery Voltage Signal 33	I	-
12	-	BK/VT	4516	Battery Cell Voltage Signal 35	I	-
13	-	VT	4517	Battery Cell Voltage Signal 36	I	-
14	-	WH	4519	Battery Cell Voltage Signal 38	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	-	YE/GN	4521	Battery Cell Voltage Signal 40	I	-
16	-	YE/BN	4523	Battery Cell Voltage Signal 42	I	-
17	-	GN/BK	4523	Battery Cell Voltage Signal 42	I	-
18	-	GN/BK	4523	Battery Cell Voltage Signal 42	I	-
19	-	GN/GY	4527	Battery Cell Voltage Signal 46	I	-
20	-	YE/GY	4529	Battery Cell Voltage Signal 48	I	-

K16 BATTERY ENERGY CONTROL MODULE X4 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593933
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (BN)

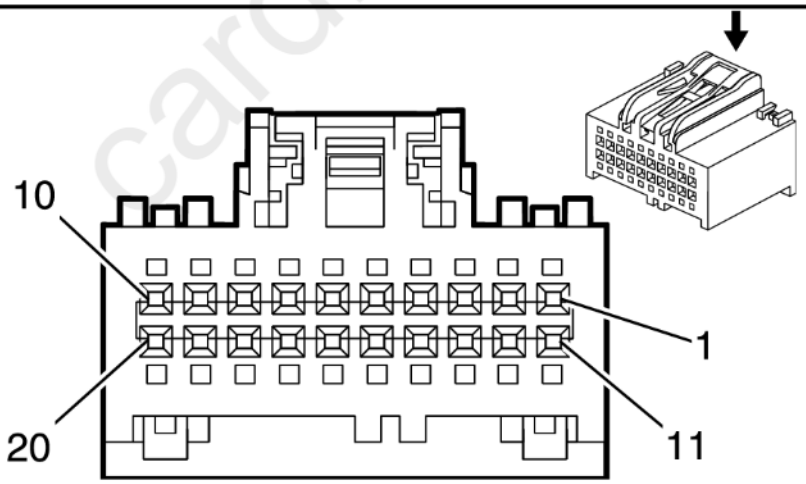
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/GY	4529	Battery Cell Voltage Signal 48	I	-
2	-	WH/BK	4531	Battery Cell Voltage Signal 50	I	-
3	-	BU/YE	4533	Battery Cell Voltage Signal 52	I	-
4	-	WH/BU	4535	Battery Cell Voltage Signal 53	I	-
5	-	GN/WH	4537	Battery Cell Voltage Signal 55	I	-
6	-	GY/BN	4541	Battery Cell Voltage Signal 57	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	-	GY/BK	4544	Battery Cell Voltage Signal 59	I	-
8	-	WH/BK	4545	Battery Cell Voltage Signal 60	I	-
9	-	VT/WH	4546	Battery Cell Voltage Signal 61	I	-
10	-	BU/BK	4548	Battery Cell Voltage Signal 63	I	-
11	-	YE	4530	Battery Cell Voltage Signal 49	I	-
12	-	BN/WH	4532	Battery Cell Voltage Signal 51	I	-
13	-	BU/YE	4533	Battery Cell Voltage Signal 52	I	-
14	-	GN/VT	4536	Battery Cell Voltage Signal 54	I	-
15	-	YE/BK	4538	Battery Cell Voltage Signal 56	I	-
16	-	BU/WH	4543	Battery Cell Voltage Signal 58	I	-
17	-	WH/BK	4545	Battery Cell Voltage Signal 60	I	-
18	-	WH/BK	4545	Battery Cell Voltage Signal 60	I	-
19	-	GY/GN	4547	Battery Cell Voltage Signal 62	I	-
20	-	GY/BK	4549	Battery Cell Voltage Signal 64	I	-

K16 BATTERY ENERGY CONTROL MODULE X5 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593931
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 64 Series, Sealed (BK)

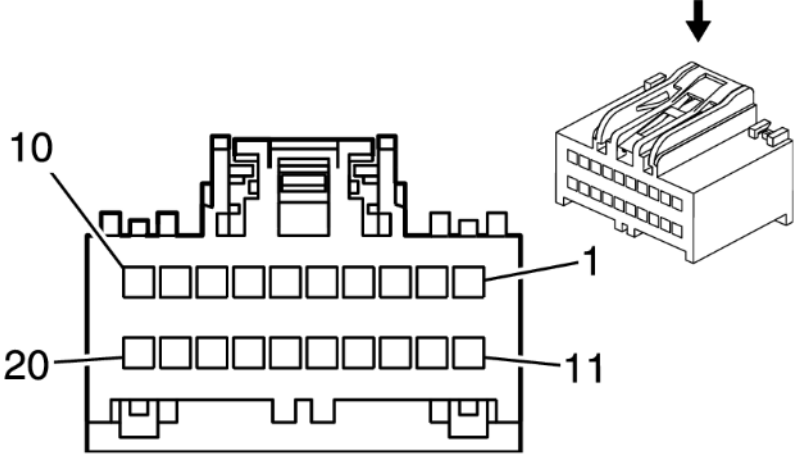
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/BK	4549	Battery Cell Voltage Signal 64	I	-
2	-	VT/GN	4554	Battery Cell Voltage Signal 66	I	-
3	-	GY	4556	Battery Cell Voltage Signal 68	I	-
4	-	GY	4556	Battery Cell Voltage Signal 68	I	-
5	-	VT/BK	4558	Battery Cell Voltage Signal 70	I	-
6	-	VT	4561	Battery Cell Voltage Signal 72	I	-
7	-	YE/VT	4562	Battery Cell Voltage Signal 73	I	-
8	-	GY/YE	4564	Battery Cell Voltage Signal 75	I	-
9	-	GN	4566	Battery Cell Voltage Signal 77	I	-
10	-	BU	4568	Battery Cell Voltage Signal 79	I	-
11	-	YE/WH	4553	Battery Cell Voltage Signal 65	I	-
12	-	GN/BK	4555	Battery Cell Voltage Signal 67	I	-
13	-	GY	4556	Battery Cell Voltage Signal 68	I	-
14	-	GY/WH	4557	Battery Cell Voltage Signal 69	I	-
15	-	BK/VT	4560	Battery Cell Voltage Signal 71	I	-
16	-	VT	4561	Battery Cell Voltage Signal 72	I	-
17	-	WH	4563	Battery Cell Voltage Signal 74	I	-
18	-	YE/GN	4565	Battery Cell Voltage Signal 76	I	-
19	-	YE/BN	4567	Battery Cell Voltage Signal 78	I	-
20	-	GN/BK	4569	Battery Cell Voltage Signal 80	I	-

K16 BATTERY ENERGY CONTROL MODULE X6 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593932
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

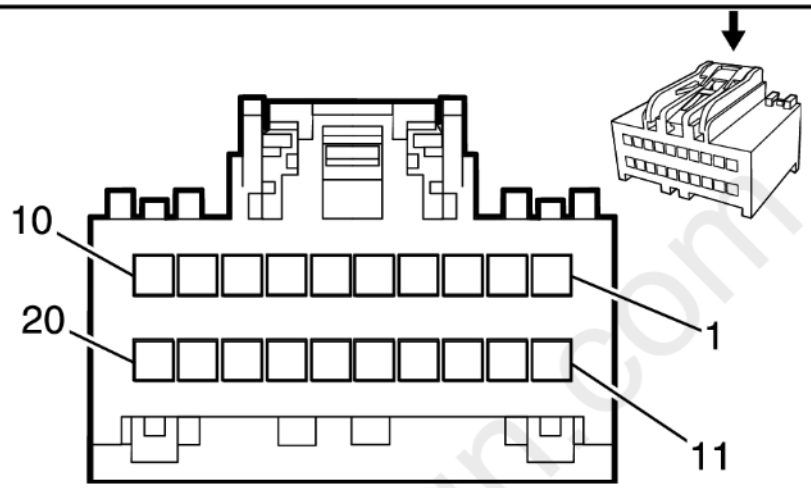
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/BK	4569	Battery Cell Voltage Signal 80	I	-
2	-	GN/GY	4571	Battery Cell Voltage Signal 82	I	-
3	-	YE/GY	4573	Battery Cell Voltage Signal 84	I	-
4	-	YE	4574	Battery Cell Voltage Signal 85	I	-
5	-	BN/WH	4576	Battery Cell Voltage Signal 87	I	-
6	-	BN/WH	2389	Battery Cell Voltage Signal 89	I	-
7	-	GN/VT	2391	Battery Cell Voltage Signal 91	I	-
8	-	BU/BK	2392	Battery Cell Voltage Signal 92	I	-
9	-	GN/BK	2394	Battery Cell Voltage Signal 94	I	-
10	-	GY/YE	2396	Battery Cell Voltage Signal 96	I	-
11	-	BU/GY	4570	Battery Cell Voltage Signal 81	I	-
12	-	BN	4572	Battery Cell Voltage Signal 83	I	-
13	-	YE/GY	4573	Battery Cell Voltage Signal 84	I	-
14	-	WH/BK	4575	Battery Cell Voltage Signal 86	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	-	BU/YE	4577	Battery Cell Voltage Signal 88	I	-
16	-	WH/BU	2390	Battery Cell Voltage Signal 90	I	-
17	-	BU/BK	2392	Battery Cell Voltage Signal 92	I	-
18	-	YE/VT	2393	Battery Cell Voltage Signal 93	I	-
19	-	BU/GY	2395	Battery Cell Voltage Signal 95	I	-
20	-	-	-	Not Occupied	-	-

K16 BATTERY ENERGY CONTROL MODULE X7 (HP9)



Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13593934
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 0.64 Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

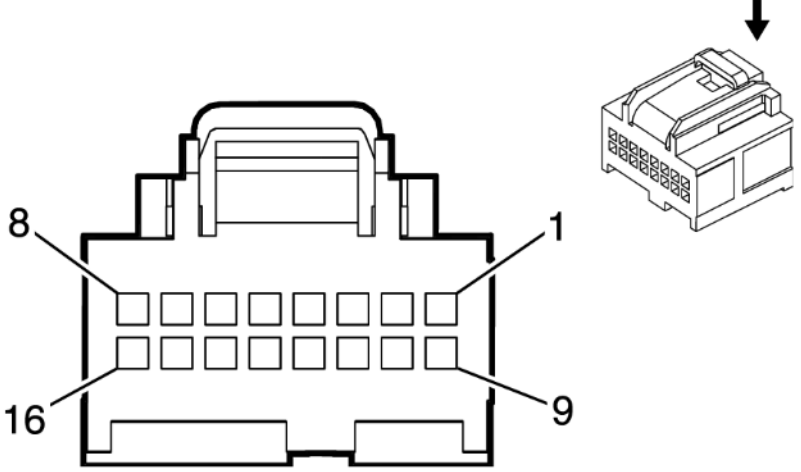
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	5405	Battery Module Temperature Signal 1	I	-
2	-	BN/WH	5406	Battery Module Temperature Signal 2	I	-
3	-	GN/GY	5407	Battery Module Temperature Signal 3	I	-
4	-	WH/BK	5408	Battery Module Temperature Signal 4	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	-	GN/BK	5409	Battery Module Temperature Signal 5	I	-
6	-	GY/BN	5410	Battery Module Temperature Signal 6	I	-
7	-	YE	5411	Battery Module Temperature Signal 7	I	-
8	-	-	-	Not Occupied	-	-
9	-	VT/RD	2965	High Voltage Battery Current Sensor Voltage Reference	I	-
10	-	BU/YE	2962	High Voltage Battery Current Sensor Course Signal	I	-
11	-	BK/BN	3773	Battery Module Temperature Sensor Low Reference 1	I	-
12	-	BK/BU	3774	Battery Module Temperature Sensor Low Reference 2	I	-
13	-	BK/GN	3775	Battery Module Temperature Sensor Low Reference 3	I	-
14	-	BK/GY	3776	Battery Module Temperature Sensor Low Reference 4	I	-
15	-	BK/VT	3777	Battery Module Temperature Sensor Low Reference 5	I	-
16	-	BK/YE	3778	Battery Module Temperature Sensor Low Reference 6	I	-
17	-	BK/BU	3779	Battery Module Temperature Sensor Low Reference 7	I	-
18	-	-	-	Not Occupied	-	-
19	-	BK/GY	2963	High Voltage Battery Current Sensor Low Reference	I	-
20	-	GN/BN	2961	High Voltage Battery Current Sensor Fine Signal	I	-

K16 BATTERY ENERGY CONTROL MODULE X8 (HP9)

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Connector Part Information

- Harness Type: Battery Pack Jumper
- OEM Connector: 13594065
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 OCS Series (BK)

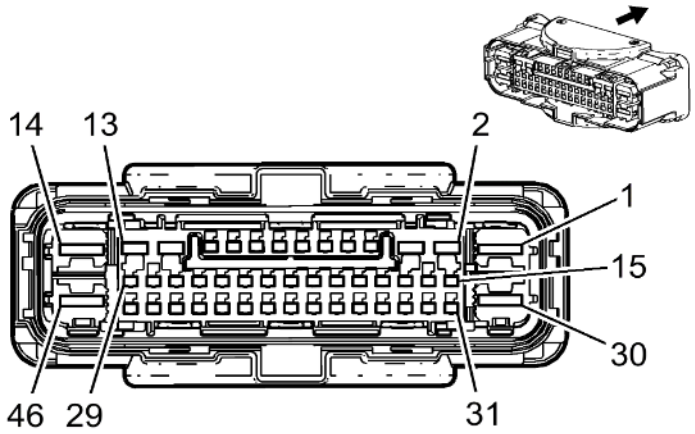
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD/VT	1640	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	-	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
4	-	WH	6432	CAN Bus Low Serial Data	I	-
5	-	BU/GN	6433	CAN Bus High Serial Data	I	-
6	-	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	-	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	-	BU/GY	5139	High Voltage Fault Signal	I	-
9	-	VT/BK	1639	Run/Crank Ignition 1 Voltage	I	-
10	-	BU/BN	3787	High Voltage Energy Management Communication Control	I	-
11	-	BK	2350	Ground	I	-
12 - 13	-	-	-	Not Occupied	-	-
14	-	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	-	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
16	-	-	-	Not Occupied	-	-

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K17 ELECTRONIC BRAKE CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15540795
- Service Connector: 19333357
- Description: 46-Way F 1.5, 2.8, 5.8 Series, Sealed (BK)

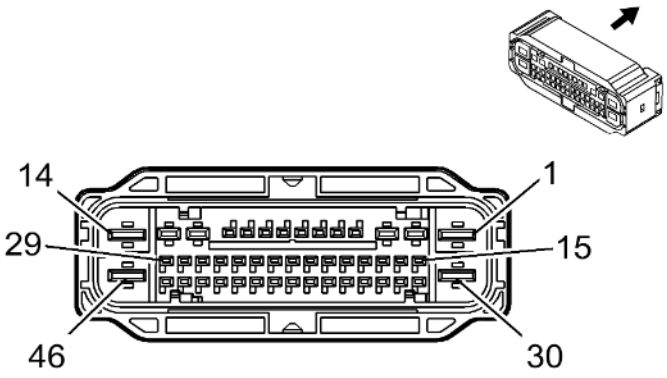
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330700	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	19333305	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	19333312	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/YE	442	Battery Positive Voltage	II	-
2	2.5	GN/VT	1988	Park Brake Motor Apply Right Rear Control	I	-
3	2.5	GY	4368	Park Brake Motor Low Reference Right Rear	I	-
4	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-(UHX-UGN)
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
6	-	-	-	Not Occupied	-	-
7	0.5	GY	830	Wheel Speed Sensor Signal Left Front	III	-
8	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	III	-
9	0.35	BU/VT	1134	Park Brake Switch Signal	III	-
10	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
12	2.5	GY/BK	4369	Park Brake Motor Low Reference Left Rear	I	-
13	2.5	WH	2001	Park Brake Motor Apply Left Rear Control	I	-
14	4	BK	750	Ground	II	-
15	0.35	BN	6107	Park Brake Apply Switch Signal	III	-
16	0.35	YE	1492	Park Brake Switch Supply Voltage	III	-
17	0.5	VT/BK	1639	Run/Crank Ignition 1 Voltage	III	-
18	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-(UHX-UGN)
19	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
20	-	-	-	Not Occupied	-	-
21	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	III	-
22	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	III	-
23	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	III	-
24	0.5	GY/WH	7064	Wheel Speed Sensor Control Left Front	III	-
25	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
26	0.5	YE	872	Wheel Speed Sensor Signal Right Front	III	-
27 - 29	-	-	-	Not Occupied	-	-
30	2.5	RD/YE	3740	Battery Positive Voltage	II	-
31	0.35	BU/BK	6108	Park Brake Release Switch Signal	III	-
32	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	III	-
33 - 35	-	-	-	Not Occupied	-	-
36	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	III	-
37	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	III	-
38	-	-	-	Not Occupied	-	-
39	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	III	-
40 - 41	-	-	-	Not Occupied	-	-
42	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	III	-
43 - 45	-	-	-	Not Occupied	-	-
46	2.5	BK	750	Ground	II	-

K17 ELECTRONIC BRAKE CONTROL MODULE (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33266441
- Service Connector: 19333357
- Description: 46-Way F 1.2 OCS, 2.8, 4.8 CTS Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300445	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19330700	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	19333305	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available
IV	19333312	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/YE	442	Battery Positive Voltage	III	-
2	2.5	GN/VT	1988	Park Brake Motor Apply Right Rear Control	II	-
3	2.5	GY	4368	Park Brake Motor Low Reference Right Rear	II	-
4	0.5 0.35	BU BU	2500 2500	High Speed GMLAN Serial Data (+) 1 High Speed GMLAN Serial Data (+) 1	I IV	-(UHX-UGN) UHX-UGN
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	GY	830	Wheel Speed Sensor Signal Left Front	I	-
8	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	IV	-
9	0.35	BU/VT	1134	Park Brake Switch Signal	IV	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	-	-	-	Not Occupied	-	-
11	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
12	2.5	GY/BK	4369	Park Brake Motor Low Reference Left Rear	II	-
13	2.5	WH	2001	Park Brake Motor Apply Left Rear Control	II	-
14	4	BK	750	Ground	III	-
15	0.35	BN	6107	Park Brake Apply Switch Signal	IV	-
16	0.35	YE	1492	Park Brake Switch Supply Voltage	IV	-
17	-	-	-	Not Occupied	-	-
18	0.5 0.35	WH WH	2501 2501	High Speed GMLAN Serial Data (-) 1 High Speed GMLAN Serial Data (-) 1	I IV	-(UHX-UGN) UHX-UGN
19	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
20	-	-	-	Not Occupied	-	-
21	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	I	-
22	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	I	-
23	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	I	-
24	0.5	GY/WH	7064	Wheel Speed Sensor Control Left Front	I	-
25	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
26	0.5	YE	872	Wheel Speed Sensor Signal Right Front	I	-
27 - 29	-	-	-	Not Occupied	-	-
30	2.5	RD/YE	3740	Battery Positive Voltage	III	-
31	0.35	BU/BK	6108	Park Brake Release Switch Signal	IV	-
32	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	IV	-
33 - 35	-	-	-	Not Occupied	-	-
36	0.35	WH/BU	5986	Serial Data Communication Enable	IV	-
37	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	I	-
38	-	-	-	Not Occupied	-	-
39	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	I	-
40 - 41	-	-	-	Not Occupied	-	-
42	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	I	-
43 - 45	-	-	-	Not Occupied	-	-
46	2.5	BK	750	Ground	III	-

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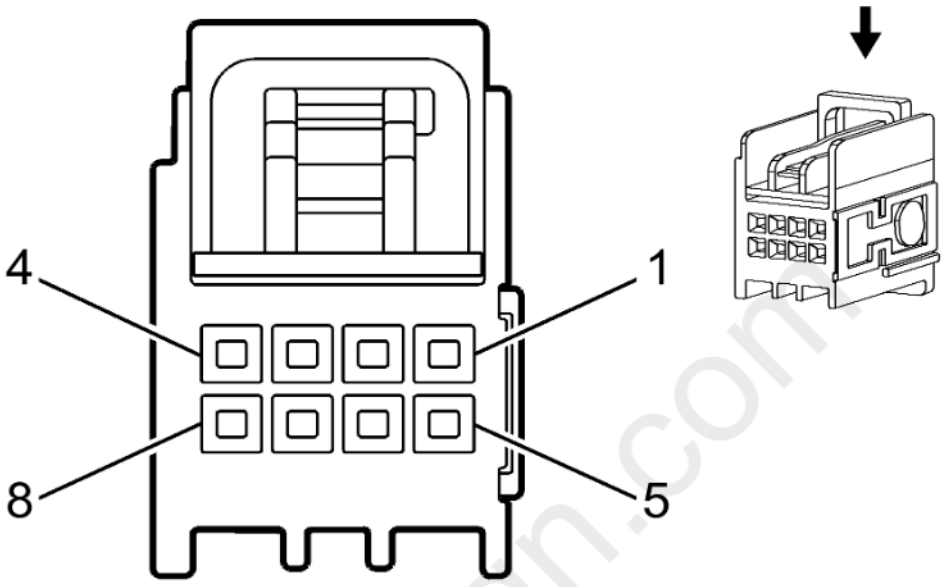
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Wiring Systems and Power Management - Component Locator - Component Connector End Views - CT6

COMPONENT CONNECTOR END VIEWS

K134RR SEAT BOLSTER MEMORY CONTROL MODULE - RIGHT REAR (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 13235933
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series (BK with BK Cover)

Terminal Part Information

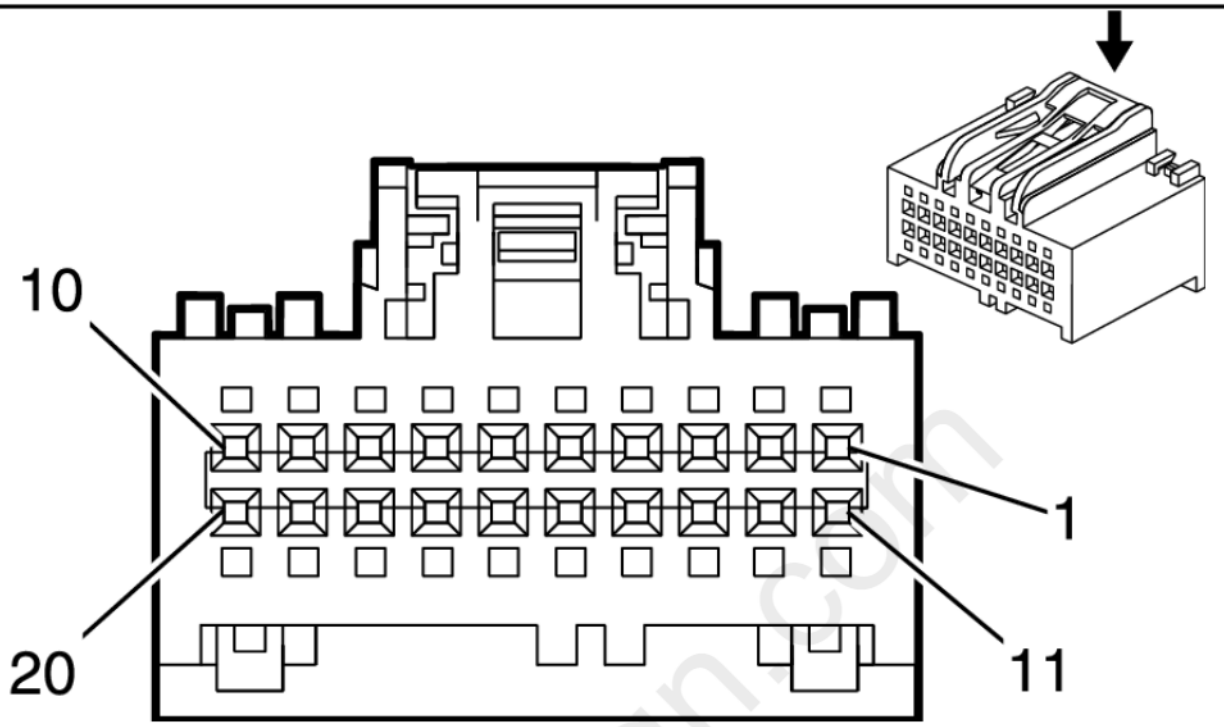
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/VT	4114	Local Interconnect Network Serial Data Bus 14	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	2150	Ground	I	-
4	0.5	BK	2450	Ground	I	-
5	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.5	RD/WH	2040	Battery Positive Voltage	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-

K157 VIDEO PROCESSING CONTROL MODULE X1 (UVH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15489824
- Service Connector: 15126711
- Description: 20-Way F 0.64 Series (BK)

Terminal Part Information

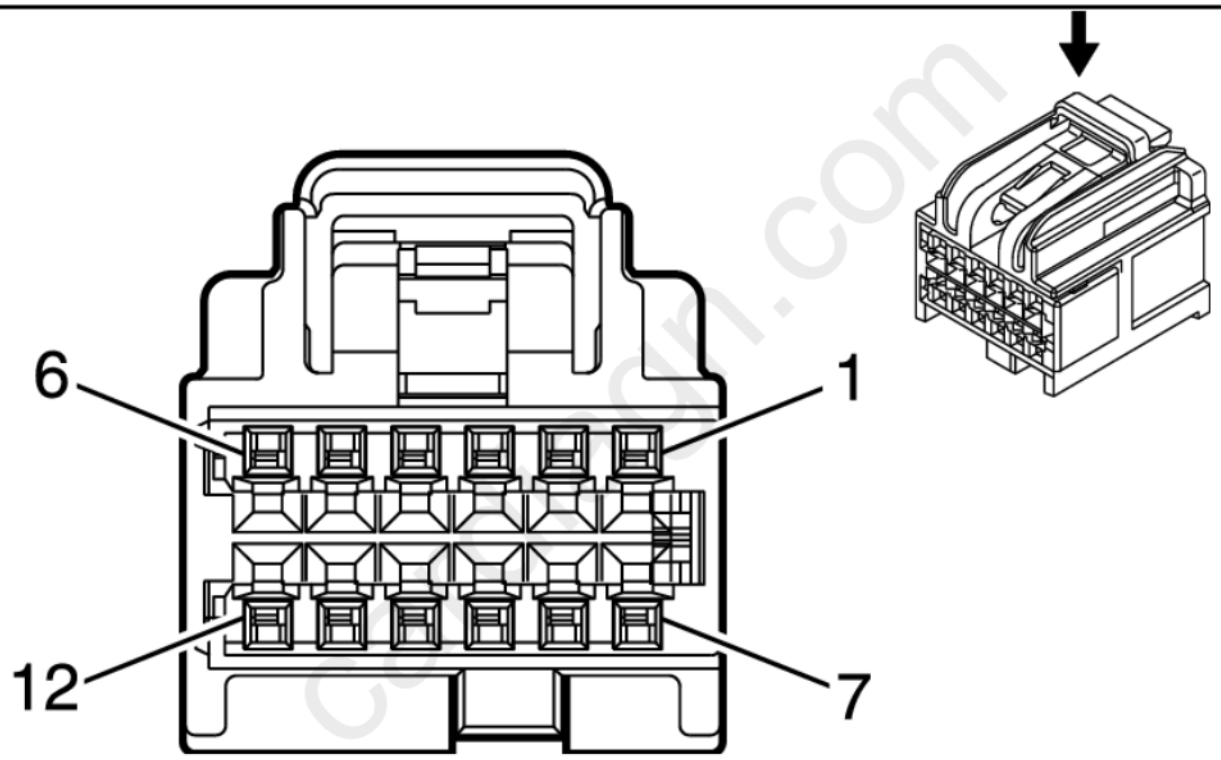
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	9772	-	I	-
2	0.5	BN/BK	6202	Camera Ground	I	-
3	0.35	BN/BK	6202	Camera Ground	I	-
4	0.35	GY/YE	6972	Camera Signal 2 +	I	-
5	0.35	WH/GN	2628	Left Side Vision Camera Video Signal (+)	I	-
6	0.35	BN/BK	6202	Camera Ground	I	-
7	0.35	BN/BK	6202	Camera Ground	I	-
8	0.35	WH/BU	2627	Right Side Vision Camera Video Signal (+)	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	WH/BN	9773	-	I	-
12	0.5	WH/BN	6201	Camera Control	I	-
13	0.35	WH/BN	6201	Camera Control	I	-
14	0.35	WH/BU	6973	Camera Signal 2	I	-
15	0.35	GY/GN	2625	Left Side Vision Camera Video Signal (-)	I	-
16	0.35	WH/BN	6201	Camera Control	I	-
17	0.35	WH/BN	6201	Camera Control	I	-
18	0.35	GY/BU	2626	Right Side Vision Camera Video Signal (-)	I	-
19 - 20	-	-	-	Not Occupied	-	-

K157 VIDEO PROCESSING CONTROL MODULE X2 (UVH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13782625
- Service Connector: 19301730
- Description: 12-Way F 0.64 Series (BK)

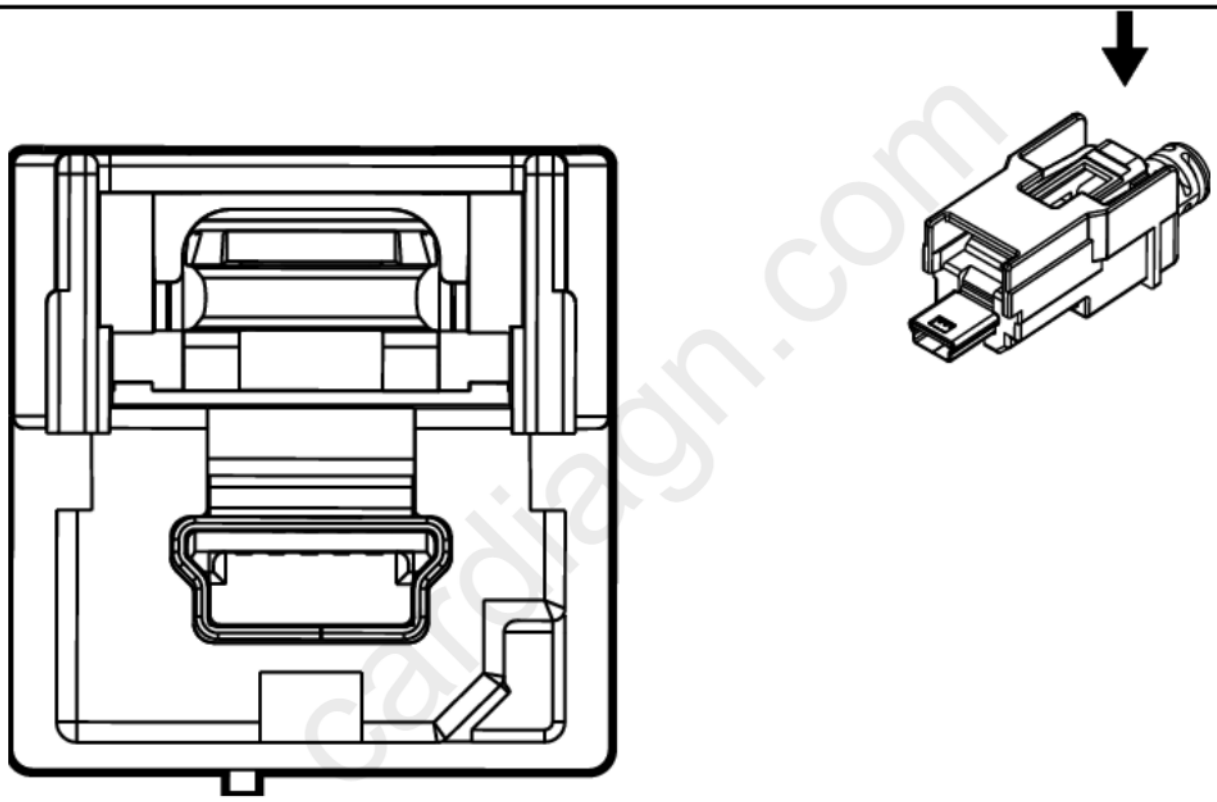
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/L-GN	7740	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	L-GN	5060	Low Speed GMLAN Serial Data	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	GY/YE	6972	Camera Signal 2 +	I	-
7	0.35	BK	3850	Ground	I	-
8 - 10	-	-	-	Not Occupied	-	-
11	0.35	BARE	6974	Camera Low Reference	I	-
12	0.35	WH/BU	6973	Camera Signal 2	I	-

K157 VIDEO PROCESSING CONTROL MODULE X5 (XVR)



Connector Part Information

- Harness Type: Body USB
- OEM Connector: 13578152
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BN)

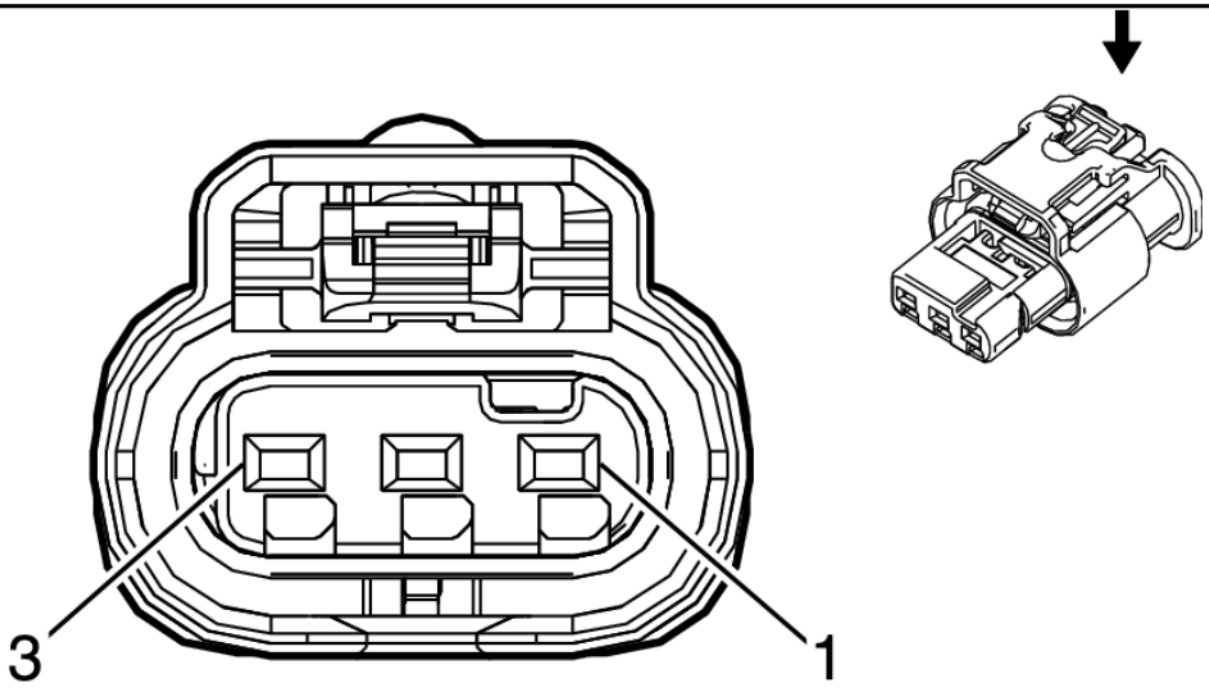
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

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K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X1 (TC2)



Connector Part Information

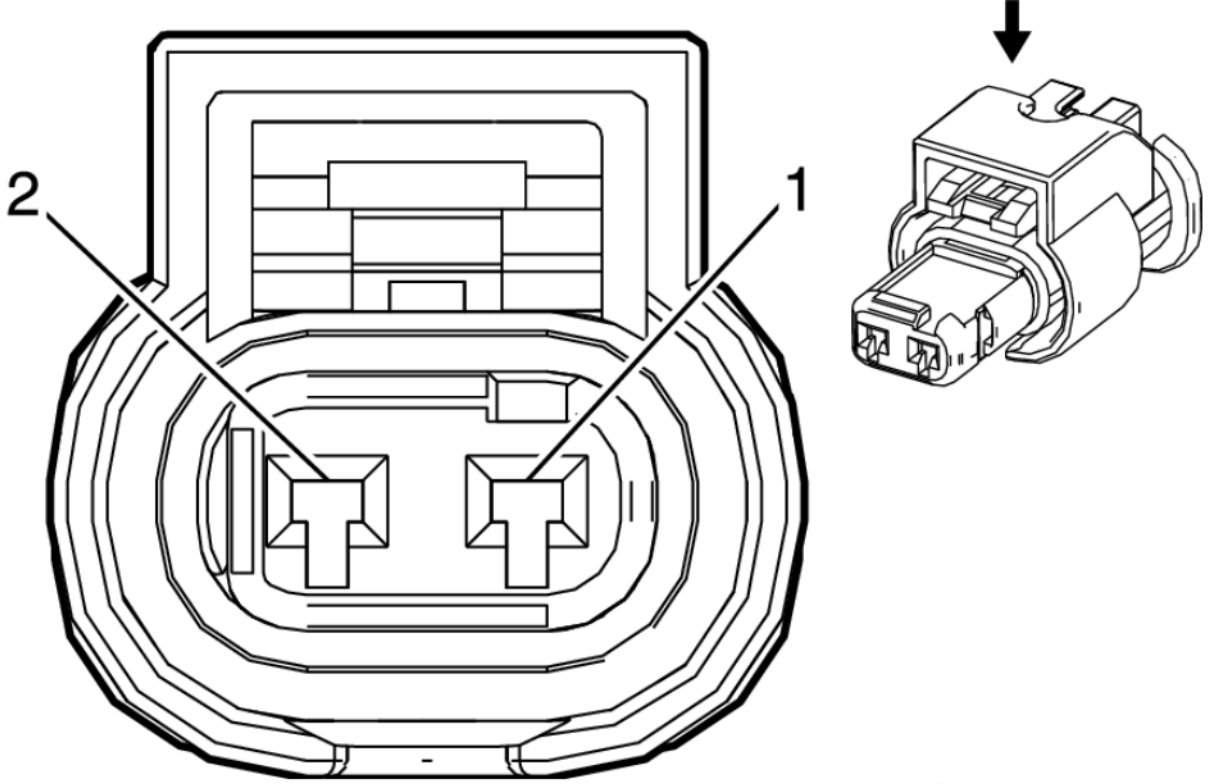
- Harness Type: Rear Fascia
- OEM Connector: 13868589
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BN	4118	Local Interconnect Network Serial Data Bus 18	I	-
2	0.5	RD/GY	7040	Battery Positive Voltage	I	-
3	0.5	BK	3850	Ground	I	-

K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X2 (TC2)



Connector Part Information

- Harness Type: Upper Hands-Free Liftgate Sensor
- OEM Connector: 13586143
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

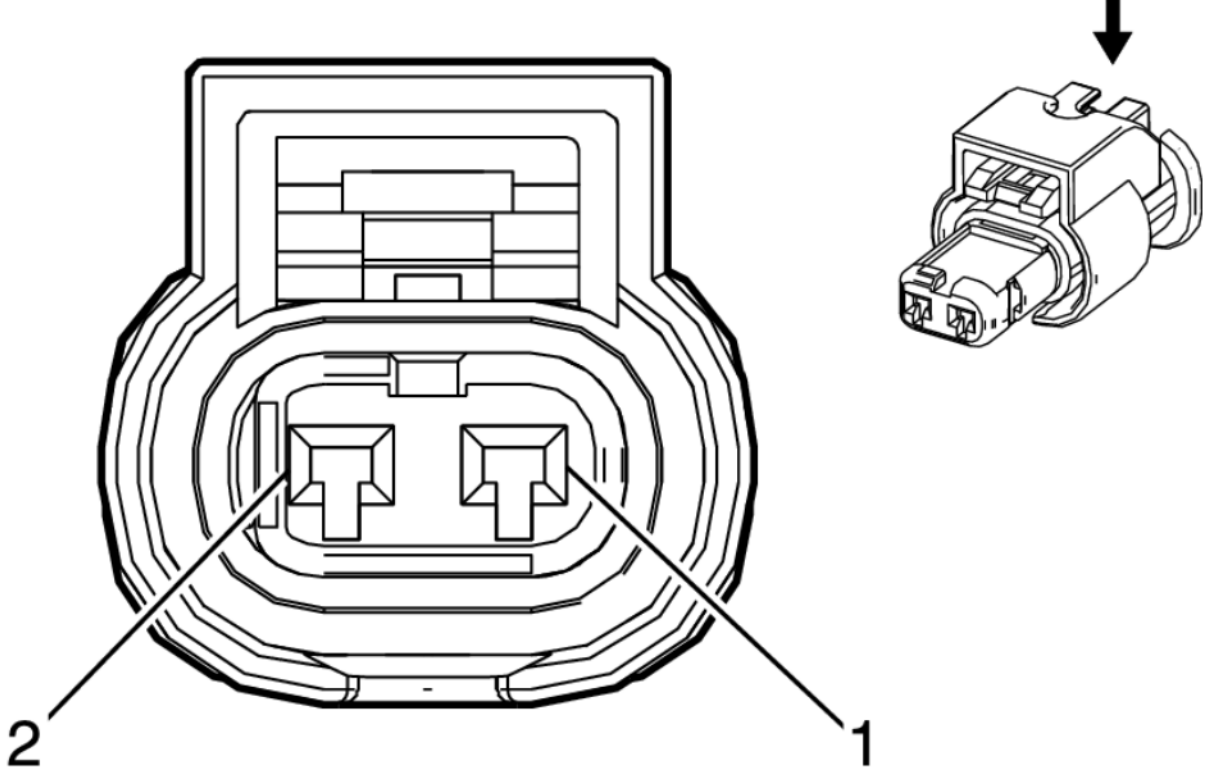
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	3564	Passive Entry Left Rear Antenna Signal Hi	I	-
2	0.5	WH/BK	3565	Passive Entry Left Rear Antenna Signal Lo	I	-

K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X3 (TC2)

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Connector Part Information

- Harness Type: Lower Hands-Free Liftgate Sensor
- OEM Connector: 13586144
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

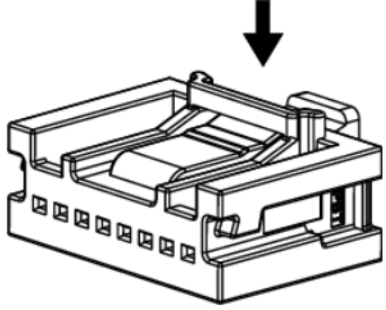
Terminal Part Information

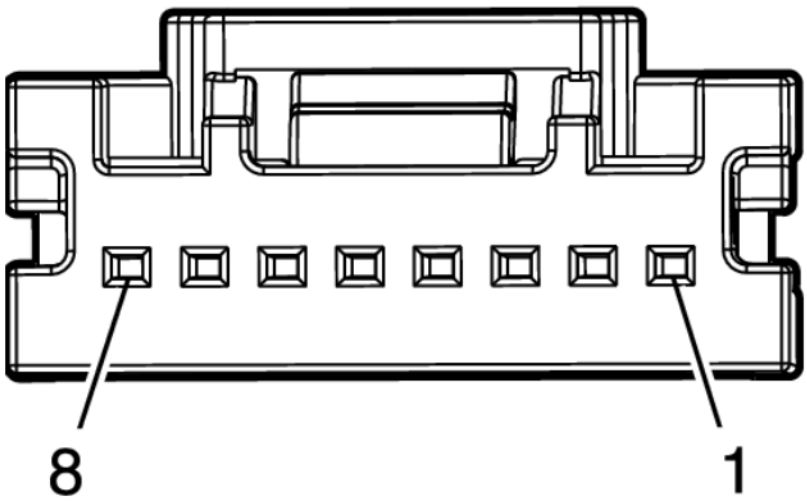
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/YE	3566	Passive Entry Right Rear Antenna Signal Hi	I	-
2	0.5	BU/BK	3567	Passive Entry Right Rear Antenna Signal Lo	I	-

K172 NIGHT VISION CAMERA CONTROL MODULE X1 (UV3)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33227522
- Service Connector: 19354223
- Description: 8-Way F Mini 50 Series (BK)

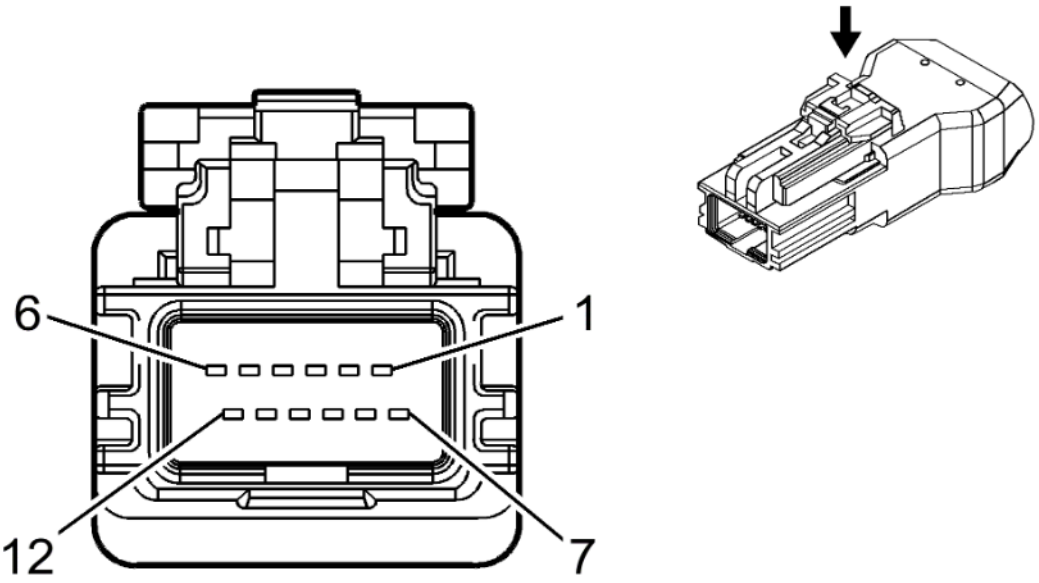
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	EL-35616-58 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
2	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
3	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
4	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
5	0.35	GY/VT	3808	Front Object Sensor Control 2	I	-
6	0.35	BK	1450	Ground	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	RD/GN	7740	Battery Positive Voltage	I	-

K172 NIGHT VISION CAMERA CONTROL MODULE X2 (UV3)

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Connector Part Information

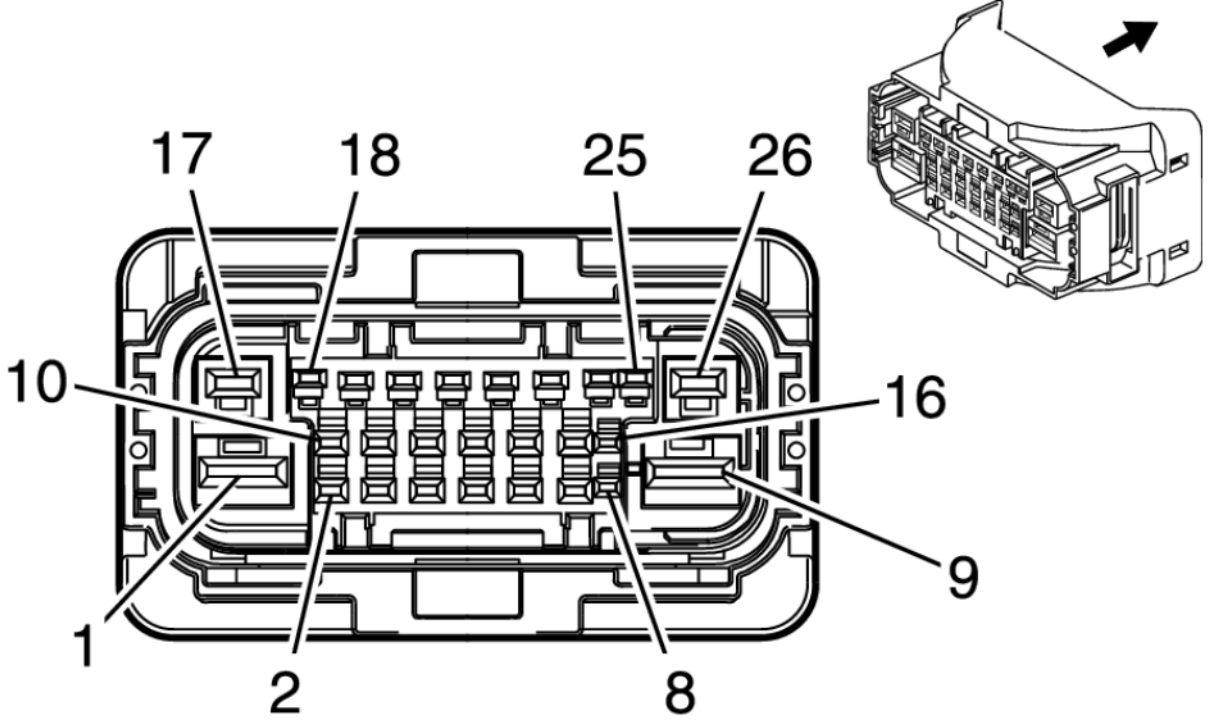
- Harness Type: Instrument Panel LVDS
- OEM Connector: 13581658
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Night Vision Signal	I	-

K177 BRAKE BOOSTER CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33106254
- Service Connector: 19332378
- Description: 26-Way F 1.5, 2.8, 4.8 Series, Sealed (BK)

Terminal Part Information

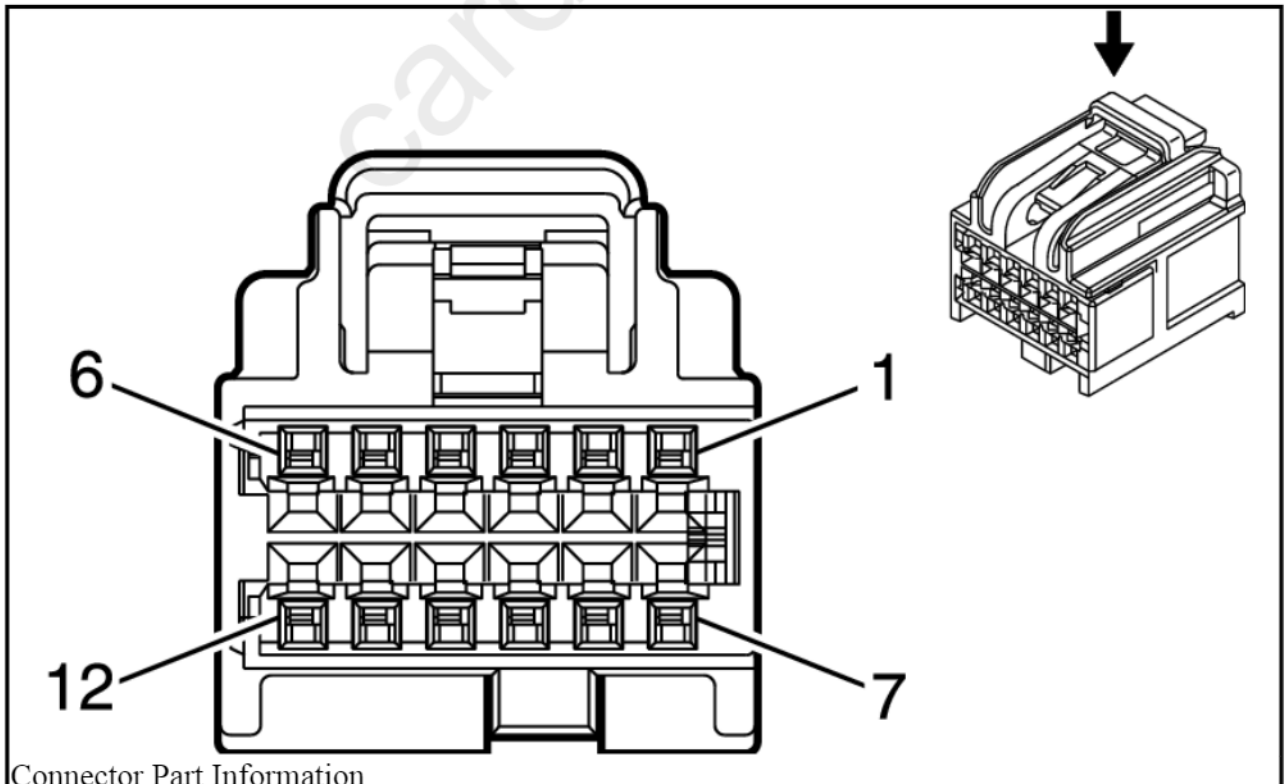
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13584537	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	19330700	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	19333305	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/VT	542	Battery Positive Voltage	III	-
2	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
3 - 7	-	-	-	Not Occupied	-	-
8	0.35	BK/GY	3417	Brake Pedal Travel Sensor 1 Low Reference	I	-
9	4	BK	750	Ground	III	-
10	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
11	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
12 - 14	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
16	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
17	1.5	RD/GN	3840	Battery Positive Voltage	II	-
18	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
19	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
20	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
21	0.5	VT/BK	1639	Run/Crank Ignition 1 Voltage	I	-
22	0.35	BU/YE	3334	Brake Pedal Travel Sensor 1 Signal	I	-
23	0.35	VT/BN	3333	Brake Pedal Travel Sensor 2 Signal	I	-
24	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
25	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
26	-	-	-	Not Occupied	-	-

K182 PARKING ASSIST CONTROL MODULE X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13782625
- Service Connector: 19301730

- Description: 12-Way F 0.64 Series (BK)

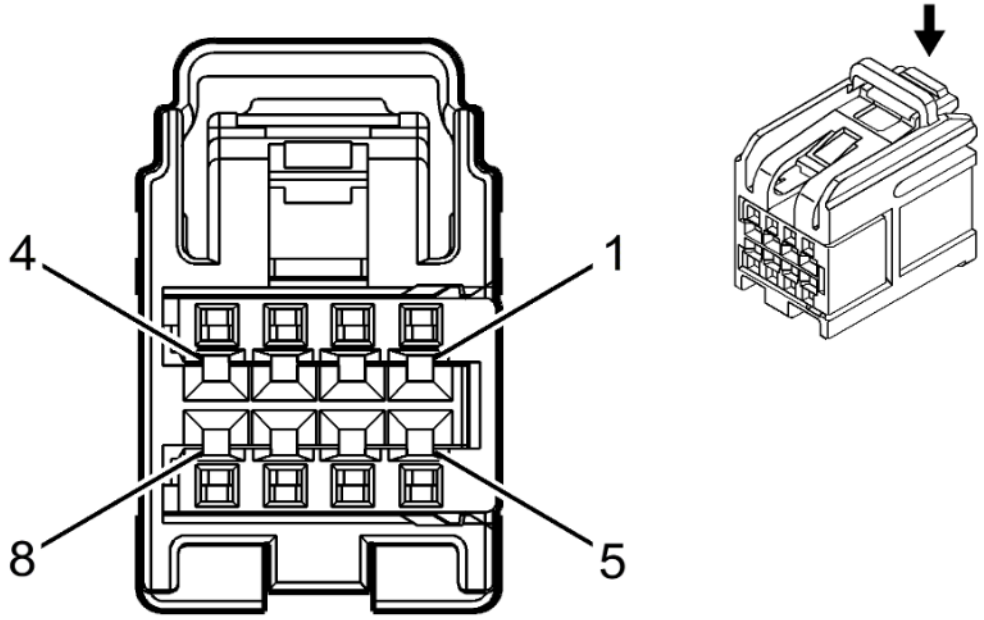
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/GN	3140	Battery Positive Voltage	I	-
2	0.35	WH/BU	5986	Serial Data Communication Enable	I	UFQ
3	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	-UGN
4	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
5	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	UFQ
6	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	UFQ
7	0.35	BK	2250	Ground	I	-
8	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	-UGN
9	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
10	0.35	BU/BN	3161	Parallel Park Assist Disable Switch Signal	I	UFQ
11	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	UFQ
12	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	UFQ

K182 PARKING ASSIST CONTROL MODULE X2

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13782038
- Service Connector: 19260910
- Description: 8-Way F 0.64 OCS Series (GY)

Terminal Part Information

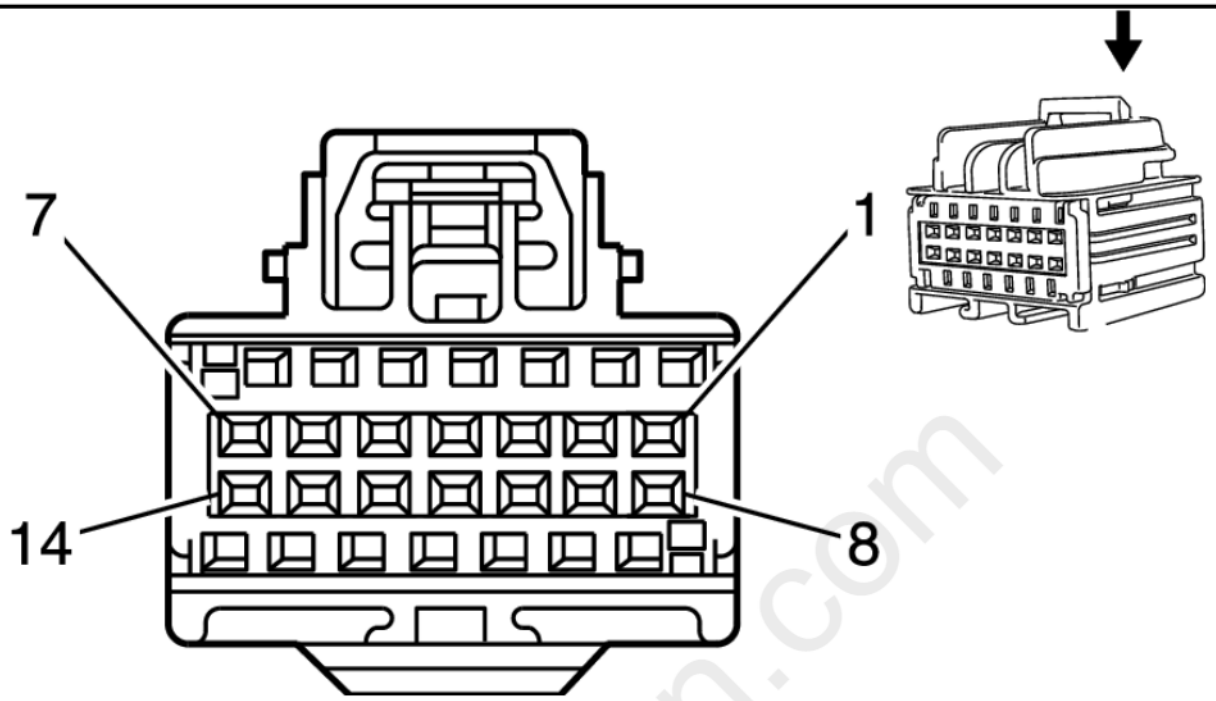
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	2375	Left Rear Corner Object Sensor Signal	I	-
2	0.5	BU	3157	Right Rear Supplemental Object Sensor Signal	I	UFQ
3	0.5	YE/BU	2376	Left Rear Middle Object Sensor Signal	I	-
4	0.5	BN/WH	2374	Object Sensor Control	I	-
5	0.5	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
6	0.5	GN	3156	Left Rear Supplemental Object Sensor Signal	I	UFQ

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.5	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
8	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

K182 PARKING ASSIST CONTROL MODULE X3 (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491263
- Service Connector: 15127038
- Description: 14-Way F 0.64 Kaizen Series (BU)

Terminal Part Information

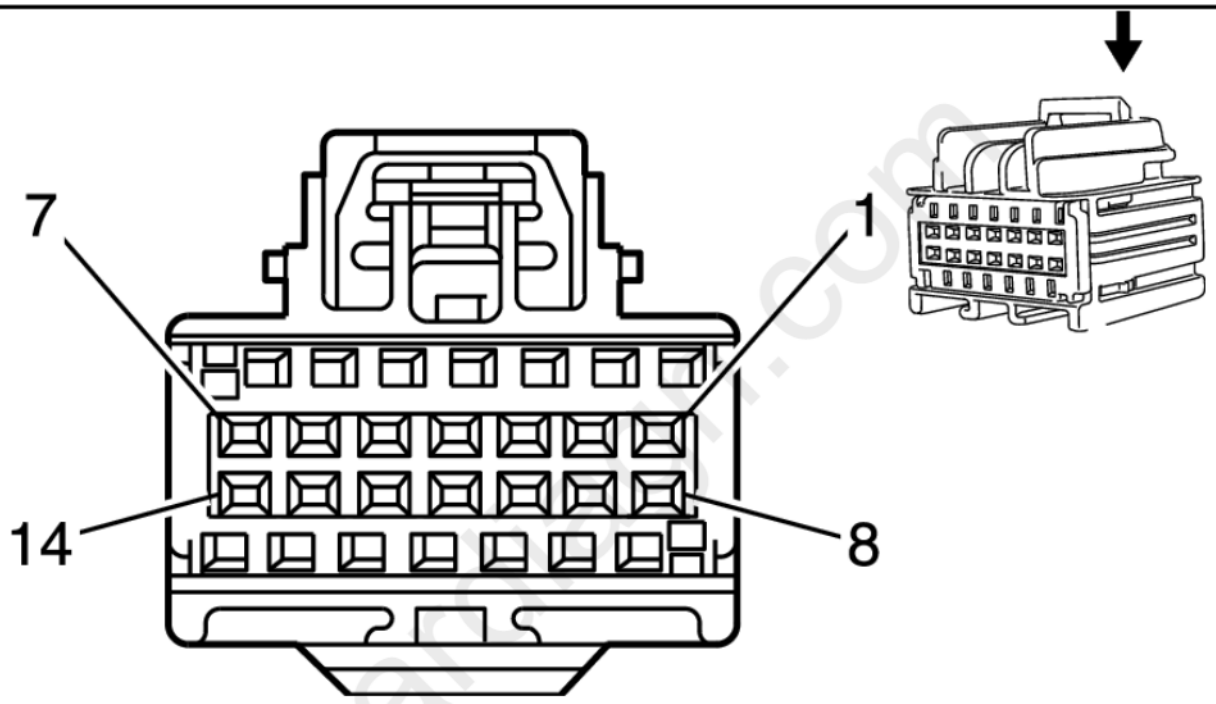
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6581	Front Parking Aid Display Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY	3154	Left Front Supplemental Object Sensor Signal	I	UFQ
4	0.5	VT/WH	5215	Front Parking Left Corner Sensor	I	-
5	0.5	YE/GY	5216	Front Parking Left Mid Sensor	I	-
6 - 7	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	BK/BU	5214	Front Parking Sensor Low Reference	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	GN	3155	Right Front Supplemental Object Sensor Signal	I	UFQ
11	0.5	WH/GY	5217	Front Parking Right Corner Sensor	I	-
12	0.5	VT/GY	5218	Front Parking Right Mid Sensor	I	-
13 - 14	-	-	-	Not Occupied	-	-

K182 PARKING ASSIST CONTROL MODULE X3 (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491263
- Service Connector: 15127038
- Description: 14-Way F 0.64 Kaizen Series (BU)

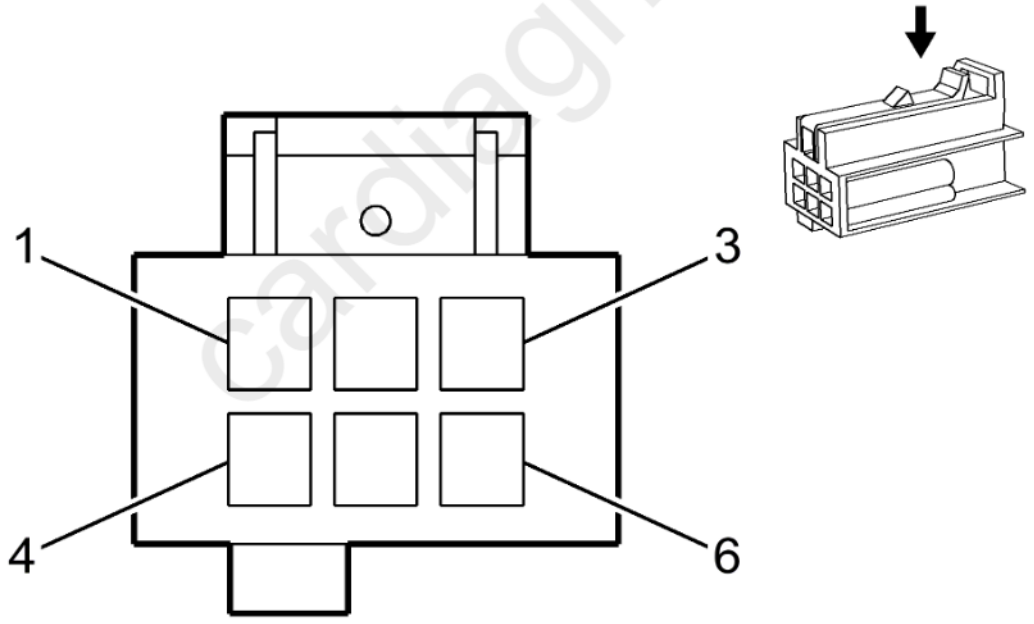
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	6581	Front Parking Aid Display Control	I	-
2	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.5	GY	3154	Left Front Supplemental Object Sensor Signal	I	UFQ
4	0.5	VT/WH	5215	Front Parking Left Corner Sensor	I	-
5	0.5	YE/GY	5216	Front Parking Left Mid Sensor	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.5	BK/BU	5214	Front Parking Sensor Low Reference	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	GN	3155	Right Front Supplemental Object Sensor Signal	I	UFQ
11	0.5	WH/GY	5217	Front Parking Right Corner Sensor	I	-
12	0.5	VT/GY	5218	Front Parking Right Mid Sensor	I	-
13 - 14	-	-	-	Not Occupied	-	-

M6C AIR TEMPERATURE DOOR ACTUATOR - CENTER CONSOLE AUXILIARY (CJ2)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13590886
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

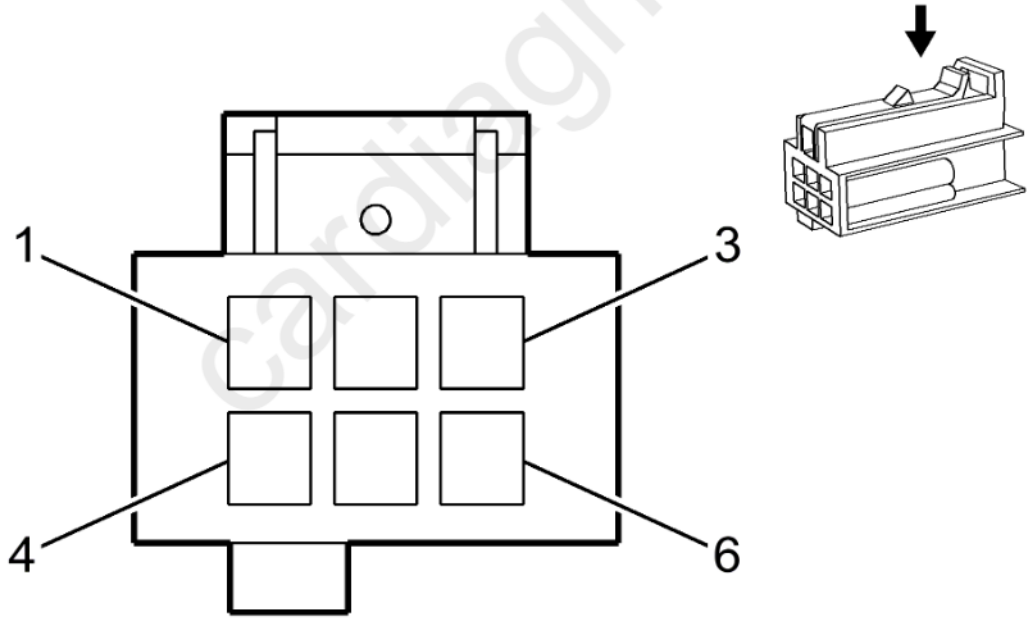
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/GN	3189	Temp Door Stepper Motor Rear Control 1	I	-
2	-	BN/WH	1218	Upper Mode Valve Motor Control	I	-
3	-	GY	3190	Temp Door Stepper Motor Rear Control 2	I	-
4	-	BU/VT	3191	Temp Door Stepper Motor Rear Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	-	YE/BK	3192	Temp Door Stepper Motor Rear Control 4	I	-

M6CL AIR TEMPERATURE DOOR ACTUATOR - CENTER CONSOLE LEFT AUXILIARY (C24)



Connector Part Information

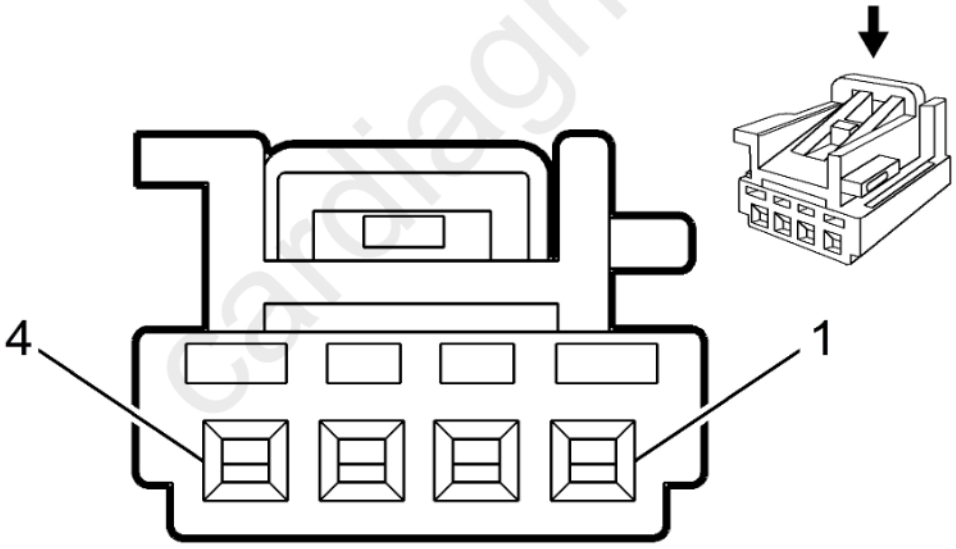
- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	3189	Temp Door Stepper Motor Rear Control 1	I	-
2	0.35	BN/WH	1218	Upper Mode Valve Motor Control	I	-
3	0.35	GY	3190	Temp Door Stepper Motor Rear Control 2	I	-
4	0.35	BU/VT	3191	Temp Door Stepper Motor Rear Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	YE/BK	3192	Temp Door Stepper Motor Rear Control 4	I	-

M6CR AIR TEMPERATURE DOOR ACTUATOR - CENTER CONSOLE RIGHT AUXILIARY (C24)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15134148
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

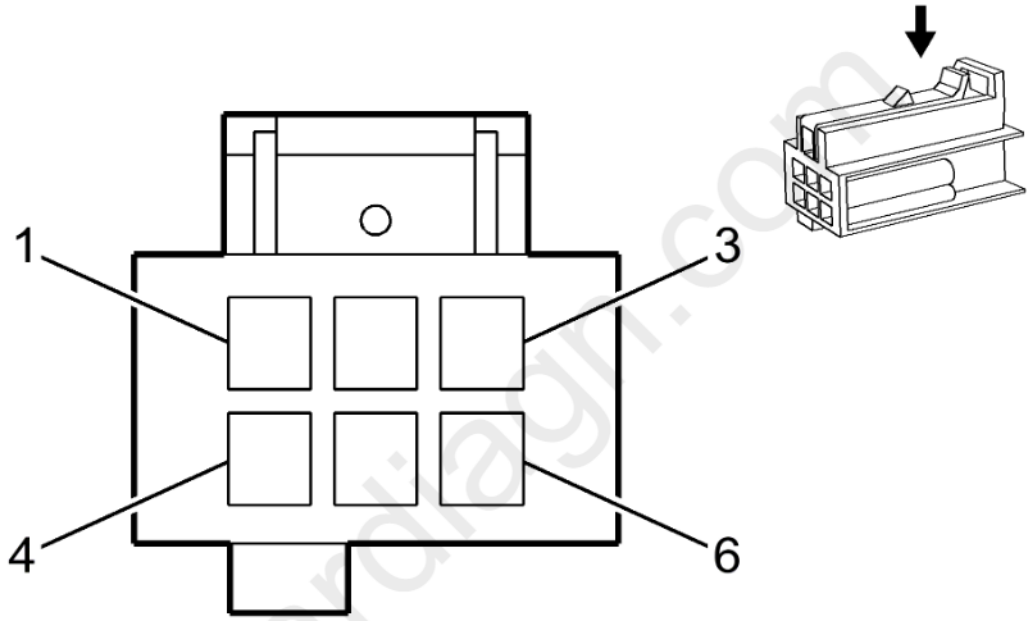
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1450	Ground	I	-
2	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
3	0.35	BK	1450	Ground	I	-
4	0.5	BN/VT	9573	Auxiliary HVAC Door Actuator Supply Voltage	I	-

M6L AIR TEMPERATURE DOOR ACTUATOR - LEFT



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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

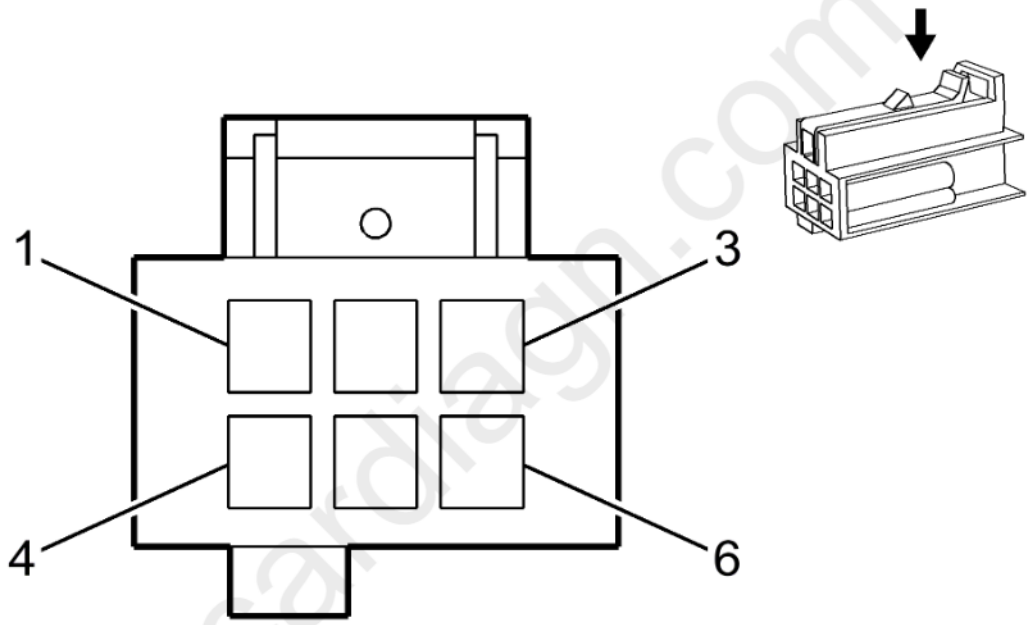
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
2	0.5	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
4	0.35	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-

M6R AIR TEMPERATURE DOOR ACTUATOR - RIGHT



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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

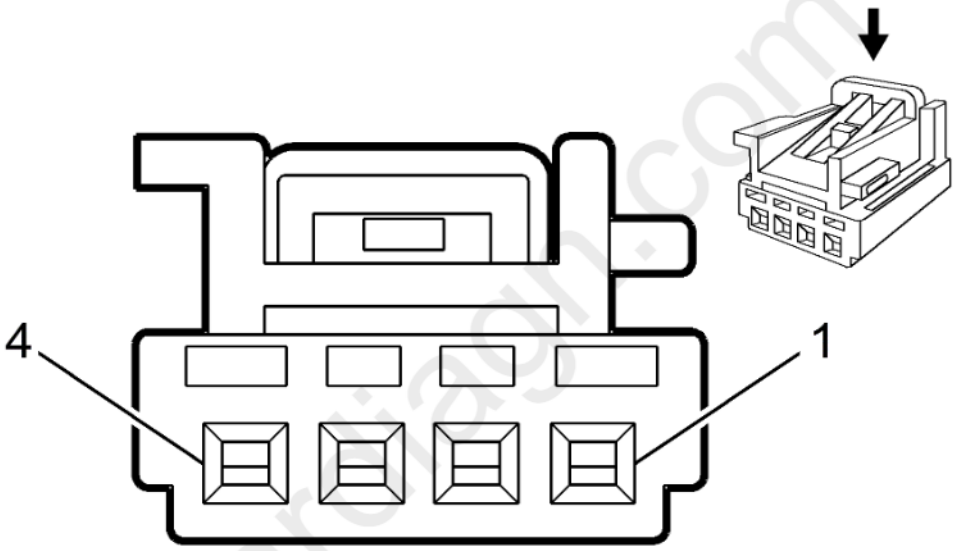
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/BK	3181	Temp Door Stepper Motor Passenger Control 1	I	-
2	0.5	BN/WH	1218	Upper Mode Valve Motor Control	I	-
3	0.35	WH/BK	3182	Temp Door Stepper Motor Passenger Control 2	I	-
4	0.35	WH/YE	3183	Temp Door Stepper Motor Passenger Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	VT/GY	3184	Temp Door Stepper Motor Passenger Control 4	I	-

M6UL AIR TEMPERATURE DOOR ACTUATOR - LEFT UPPER AUXILIARY (C24)



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Connector Part Information

- Harness Type: Rear HVAC
- OEM Connector: 15134148
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

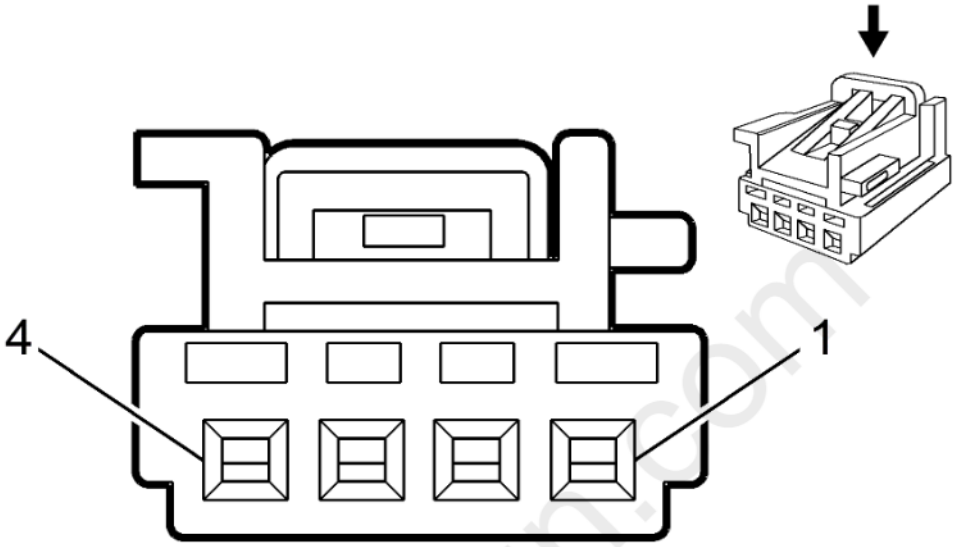
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	3850	Ground	I	-
2	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BN/VT	9573	Auxiliary HVAC Door Actuator Supply Voltage	I	-

M6UR AIR TEMPERATURE DOOR ACTUATOR - RIGHT UPPER AUXILIARY (C24)



Connector Part Information

- Harness Type: Rear HVAC
- OEM Connector: 15134148
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

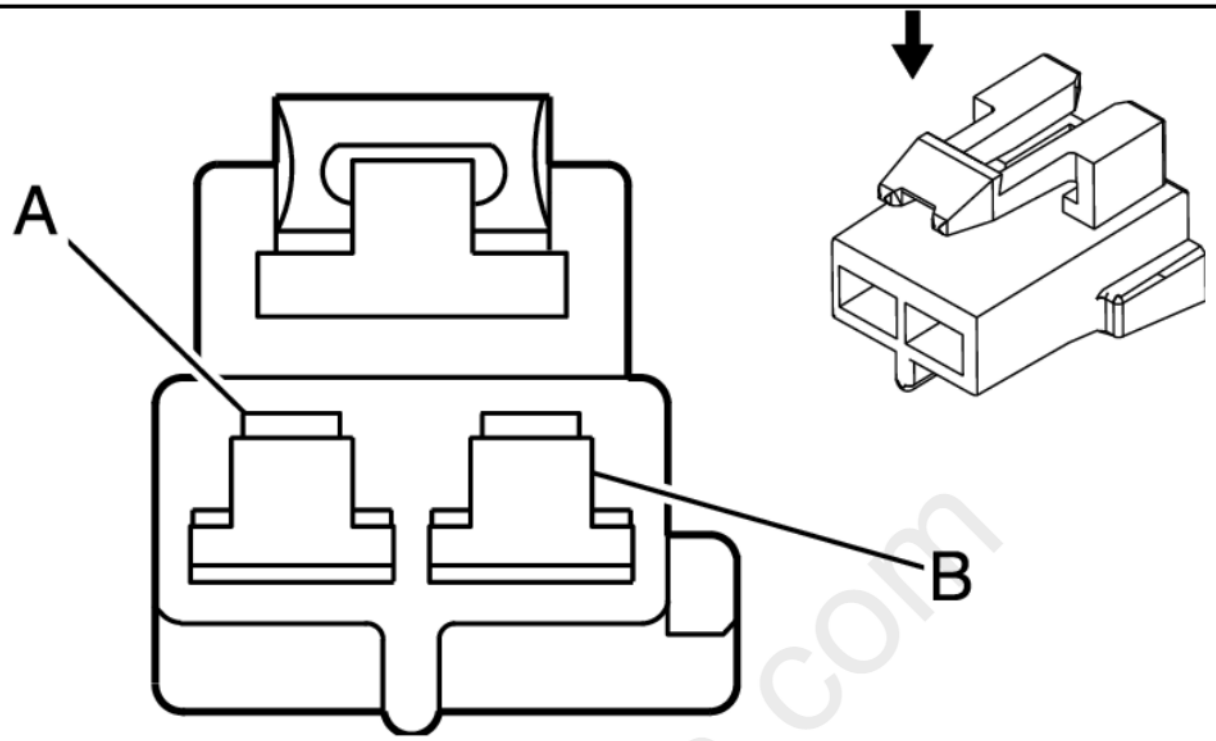
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	3850	Ground	I	-
2	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
3	0.5	BK	3850	Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	BN/VT	9573	Auxiliary HVAC Door Actuator Supply Voltage	I	-

M8B BLOWER MOTOR AUXILIARY (C24)



Connector Part Information

- Harness Type: Auxiliary Blower Motor Jumper
- OEM Connector: 12064749
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 480 Metri-Pack Series (BK)

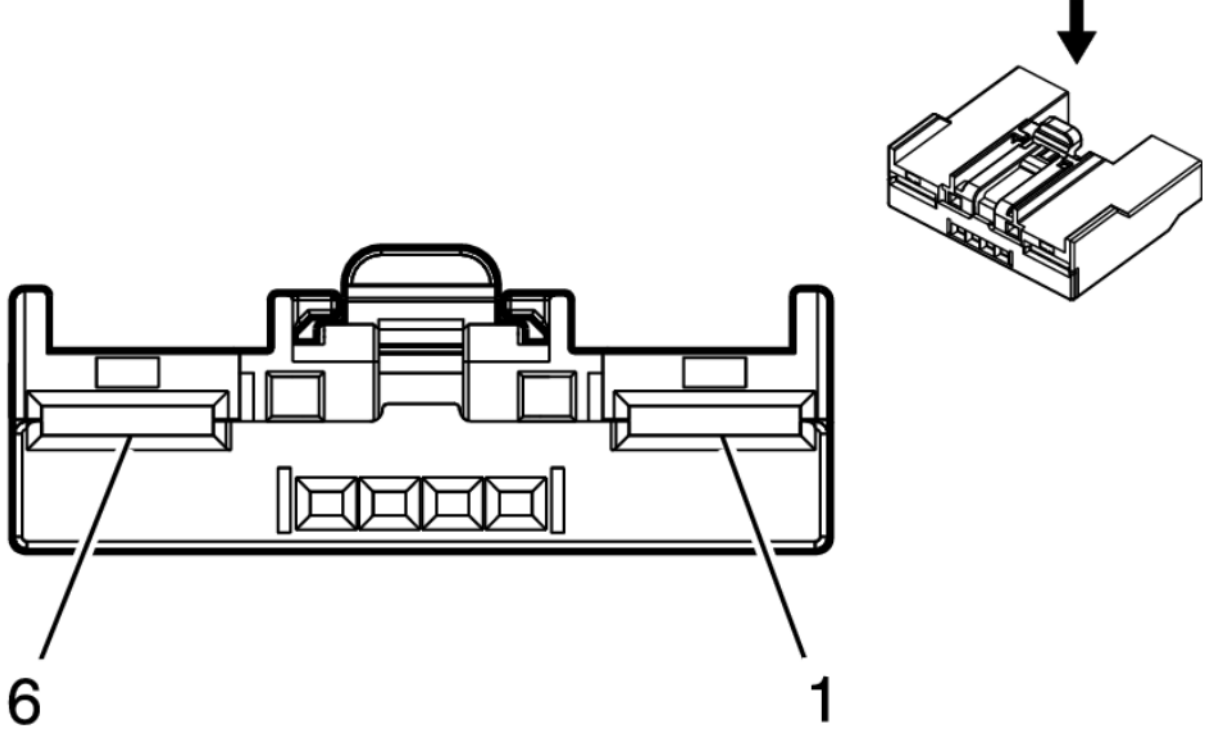
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	4.0	VT/BK	5987	Front Blower Motor Low Reference	I	C24
B	4.0	VT	65	Blower Motor Control	I	C24

M8 BLOWER MOTOR

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13965831
- Service Connector: 19330673
- Description: 6-Way F 0.64 GET, 6.3 Series (BK)

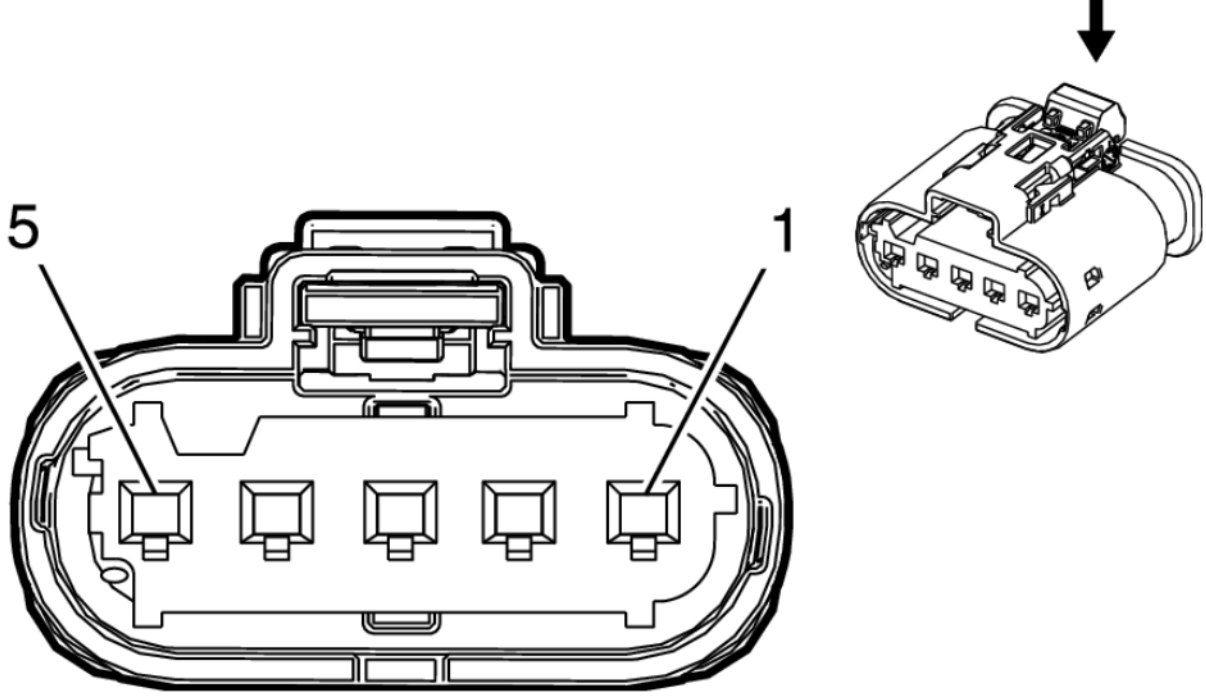
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/VT	842	Battery Positive Voltage	I	-
2	0.35	BU/GY	754	Blower Motor Speed Control	II	-
3 - 5	-	-	-	Not Occupied	-	-
6	4	BK	1450	Ground	I	-

M10 CHARGE AIR COOLER COOLANT PUMP (LGW)

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Connector Part Information

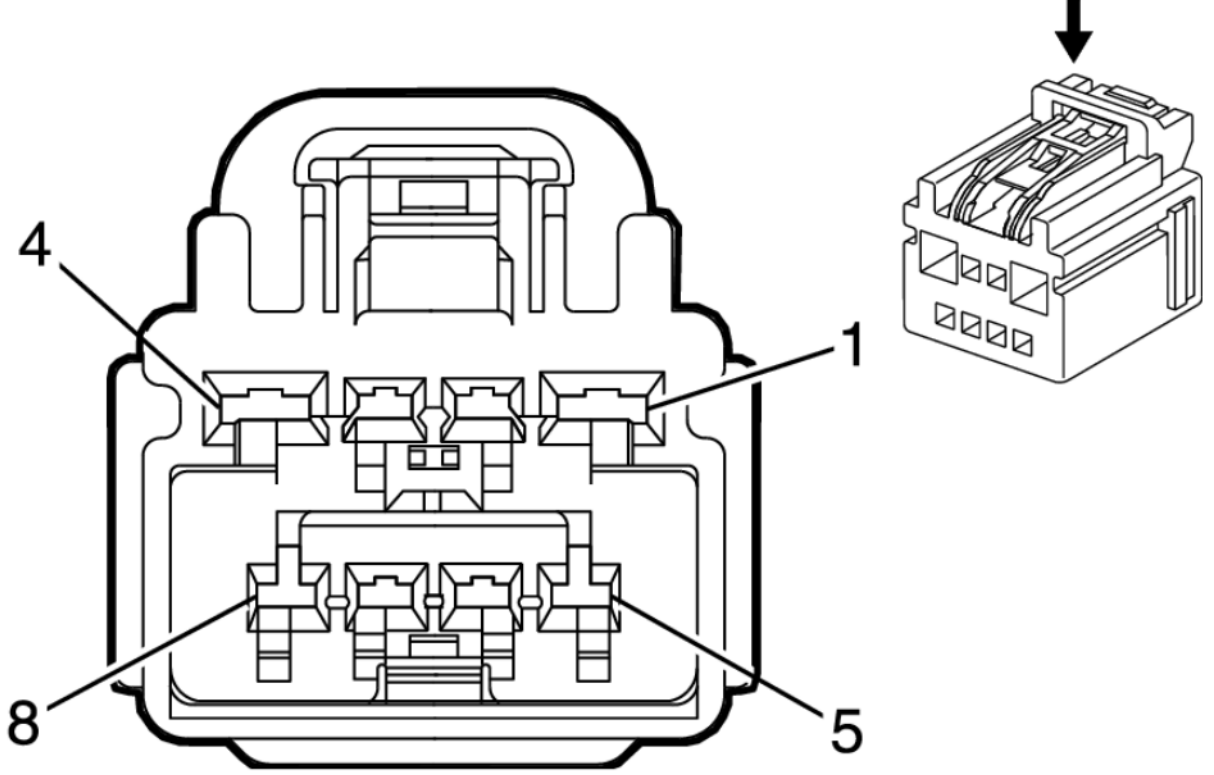
- Harness Type: Engine
- OEM Connector: 13776142
- Service Connector: 19300589
- Description: 5-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BU/WH	3607	Supercharger Intercooler Pump Relay Control	I	-
4	0.5	BK/WH	451	Signal Ground	I	-
5	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-

M17 LIFTGATE MOTOR ASSEMBLY (TC2)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847007
- Service Connector: 19153181
- Description: 8-Way F YESC Kaizen Series (L-GY)

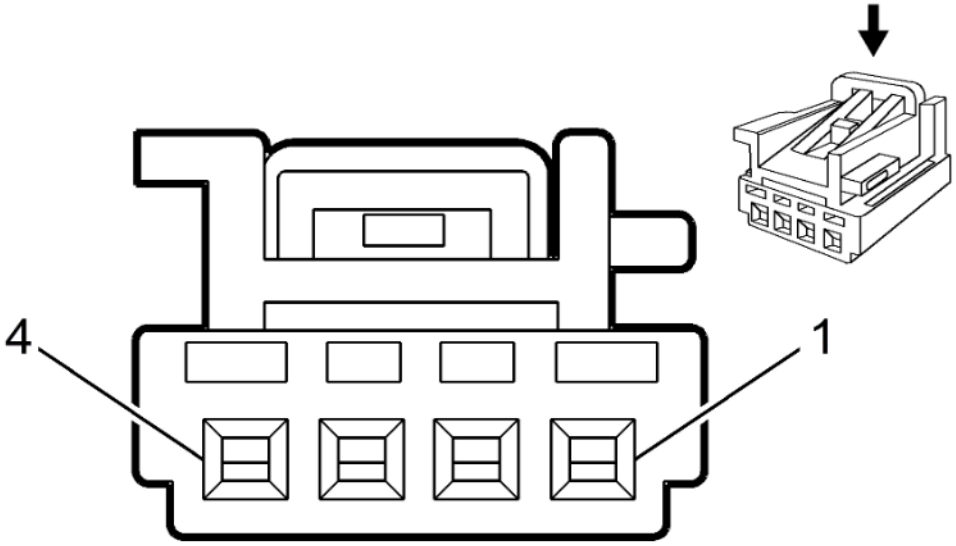
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BN/WH	5799	Lift Gate Open/Close Motor Close Control	II	-
2	0.35	BN/RD	5803	Lift Gate Position Sensor 5V Reference	I	-
3	0.35	BK/GN	5804	Lift Gate Position Sensor Low Reference	I	-
4	2.5	WH	5798	Lift Gate Open/Close Motor Open Control	II	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	BU/WH	5805	Lift Gate Position Sensor Signal 1	I	-
8	0.35	BN/YE	5806	Lift Gate Position Sensor Signal 2	I	-

M37B MODE DOOR ACTUATOR - AUXILIARY (C24)

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15134148
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

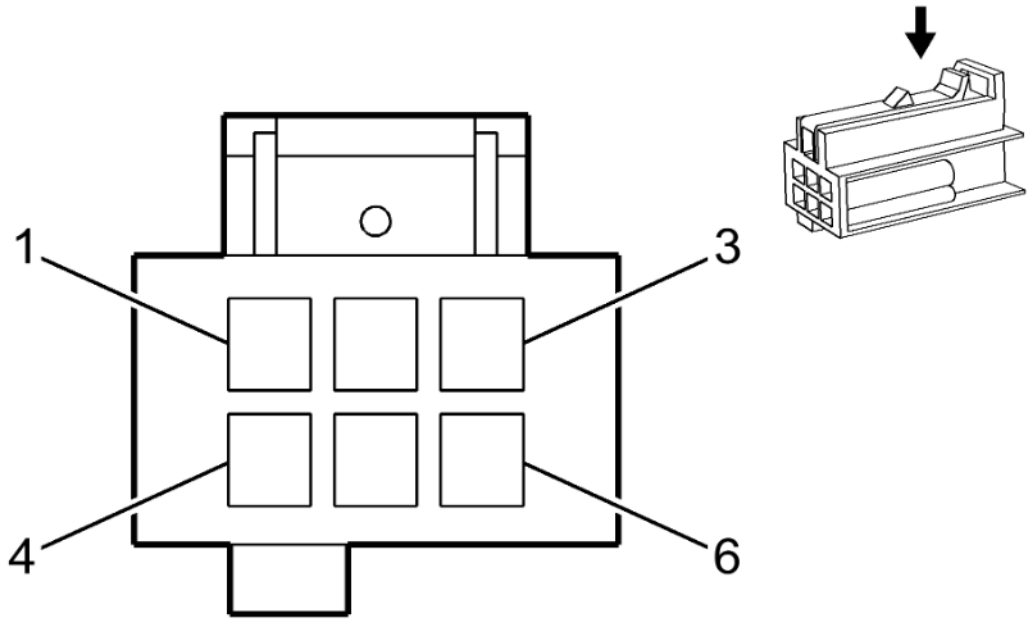
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1450	Ground	I	-
2	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BN/VT	9573	Auxiliary HVAC Door Actuator Supply Voltage	I	-

M37L MODE DOOR ACTUATOR - LEFT

carlogn.com



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

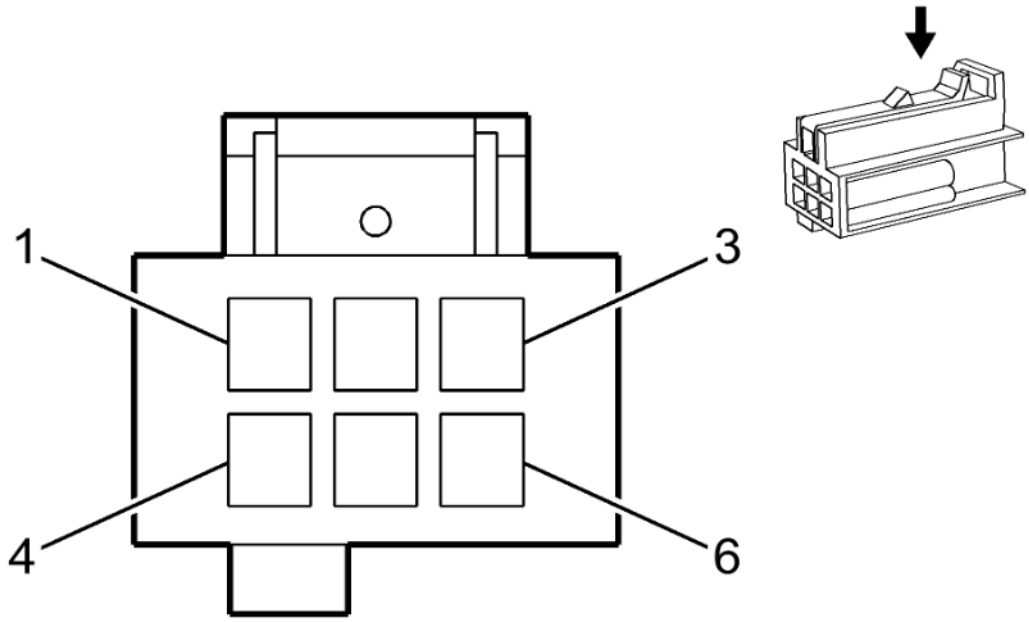
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/BN	3167	Mode Door Stepper Motor Control 3	I	-
2	0.5	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	GY	3165	Mode Door Stepper Motor Control 1	I	-
4	0.35	BN	3168	Mode Door Stepper Motor Control 4	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BN/GN	3166	Mode Door Stepper Motor Control 2	I	-

M37R MODE DOOR ACTUATOR - RIGHT

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

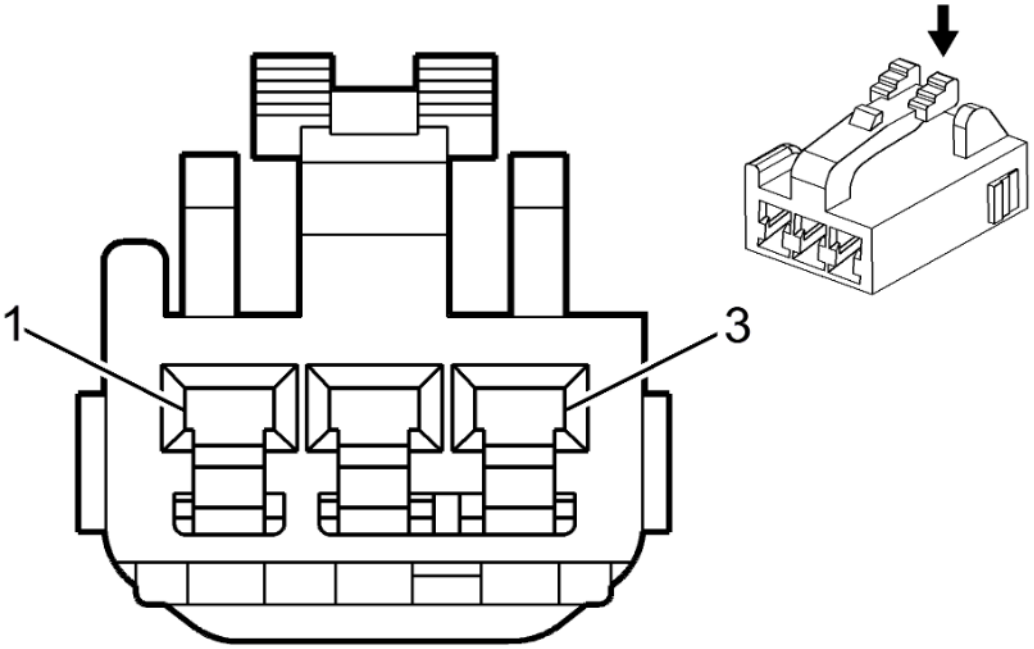
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	3177	Mode Door Stepper Motor Passenger Control 1	I	-
2	0.5	BN/WH	1218	Upper Mode Valve Motor Control	I	-
3	0.35	BU/WH	3178	Mode Door Stepper Motor Passenger Control 2	I	-
4	0.35	GY/WH	3179	Mode Door Stepper Motor Passenger Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/GY	3180	Mode Door Stepper Motor Passenger Control 4	I	-

M40 REAR COMPARTMENT LID LATCH (-TC2)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 33122552
- Service Connector: 88973648
- Description: 3-Way F 090 II Series (NA)

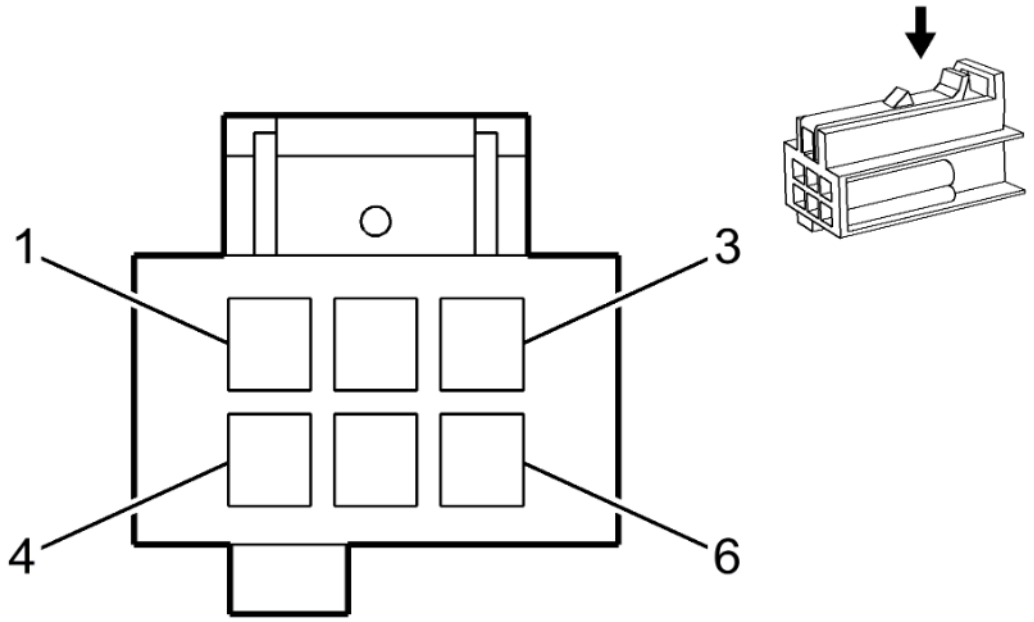
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2450	Ground	I	-
2	0.35	VT/GY	1303	Lift Gate Ajar Switch Signal 1	I	-
3	0.5	BU/WH	6128	Rear Closure Unlatch Motor Unlatch Control	I	-

M46 AIR RECIRCULATION DOOR ACTUATOR

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

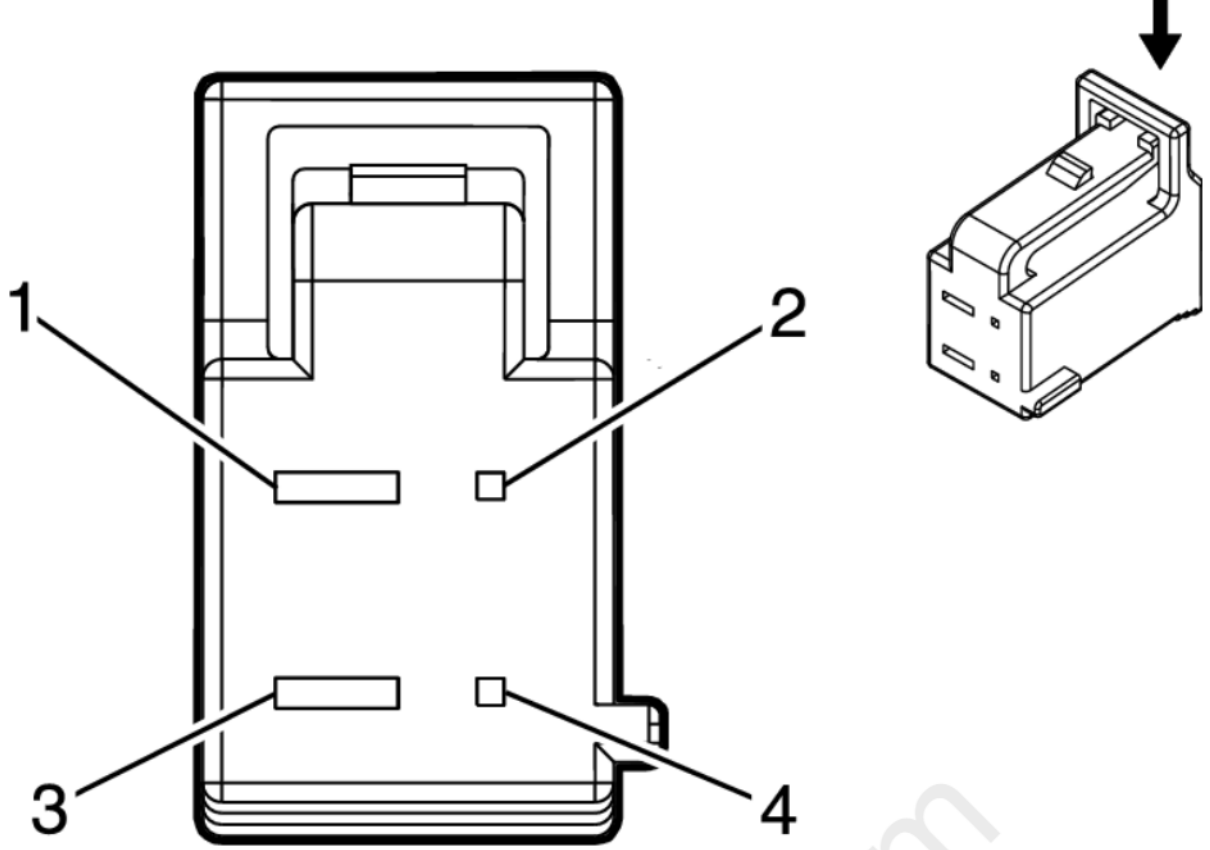
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
2	0.50	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
4	0.35	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-

M50D SEAT FRONT VERTICAL MOTOR - DRIVER

carlogn.com



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

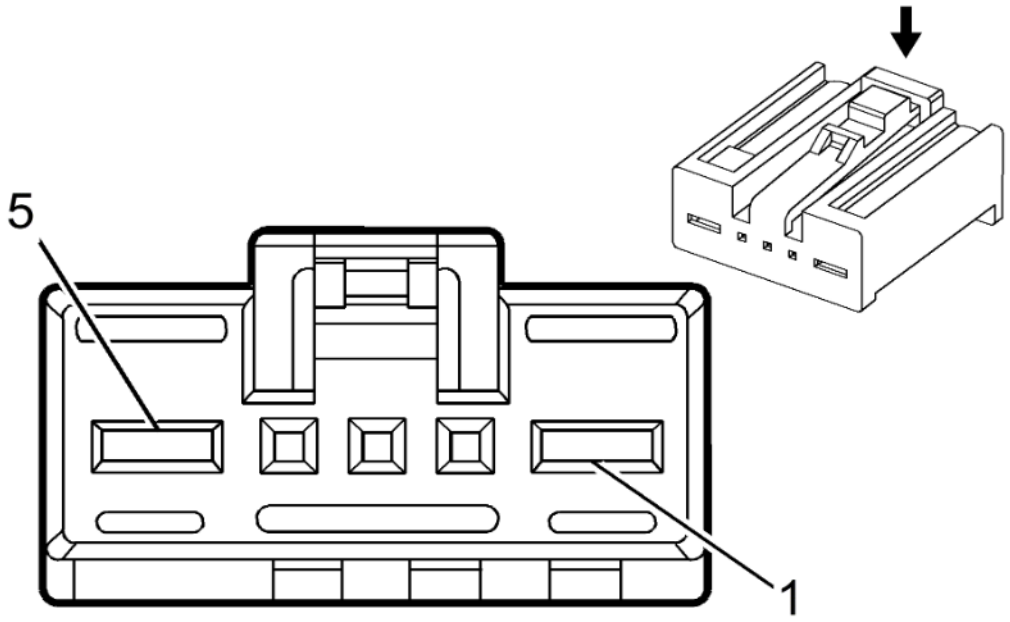
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/BU	286	Driver Power Seat Front Vertical Motor Up Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	BU/VT	287	Driver Power Seat Front Vertical Motor Down Control	I	-
4	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-

M50LR SEAT FRONT VERTICAL MOTOR - LEFT REAR (AQ9)

carDiagn.com



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

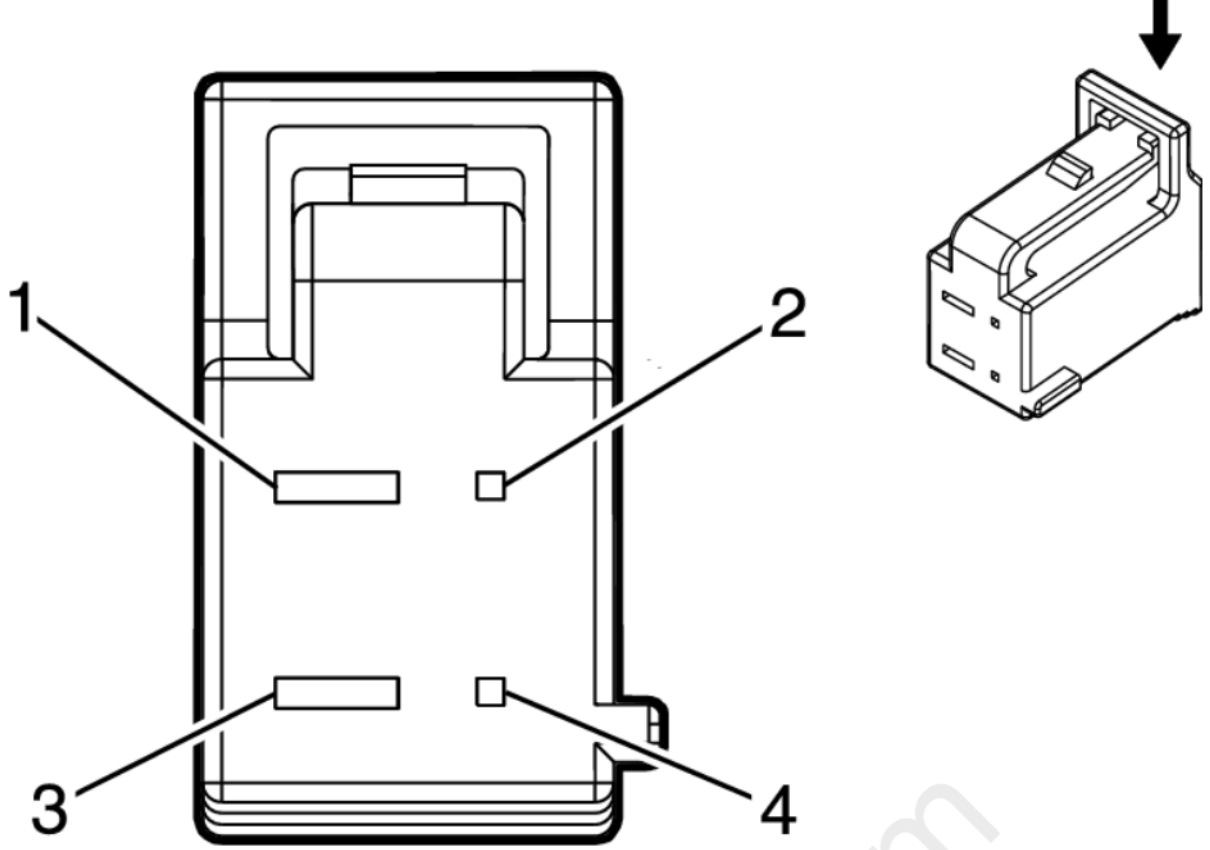
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
2	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-

M50P SEAT FRONT VERTICAL MOTOR - PASSENGER

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Connector Part Information

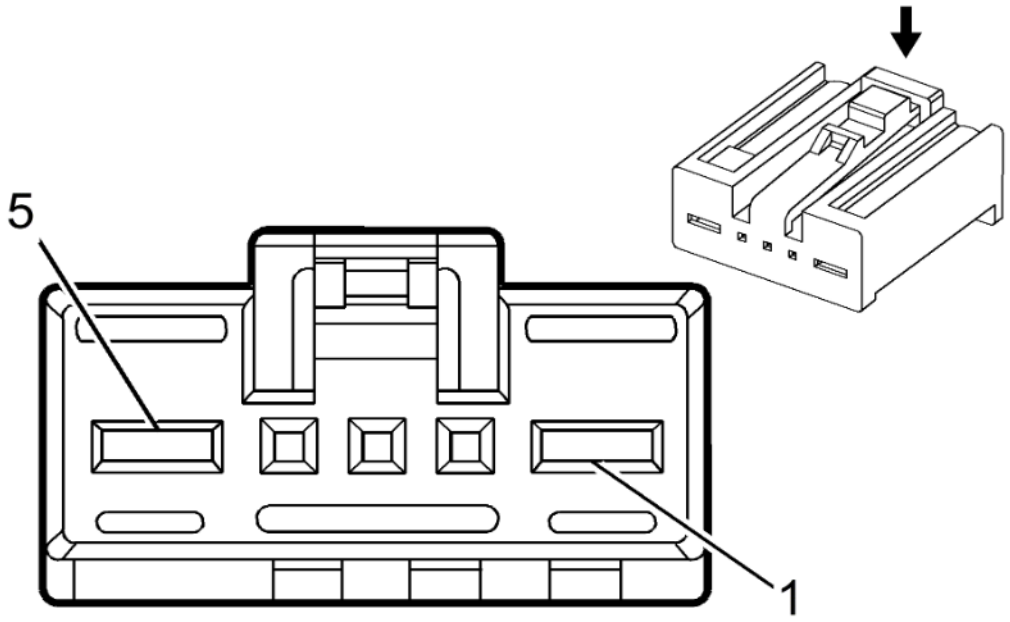
- Harness Type: Passenger Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
4	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-

M50RR SEAT FRONT VERTICAL MOTOR - RIGHT REAR (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

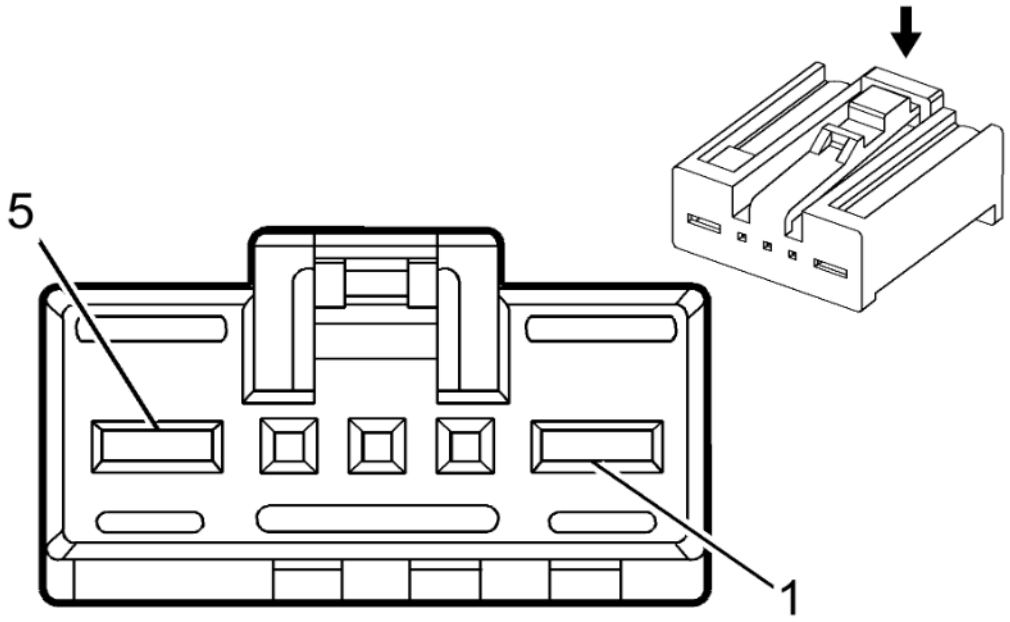
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
2	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-

M51D SEAT HORIZONTAL MOTOR - DRIVER

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Connector Part Information

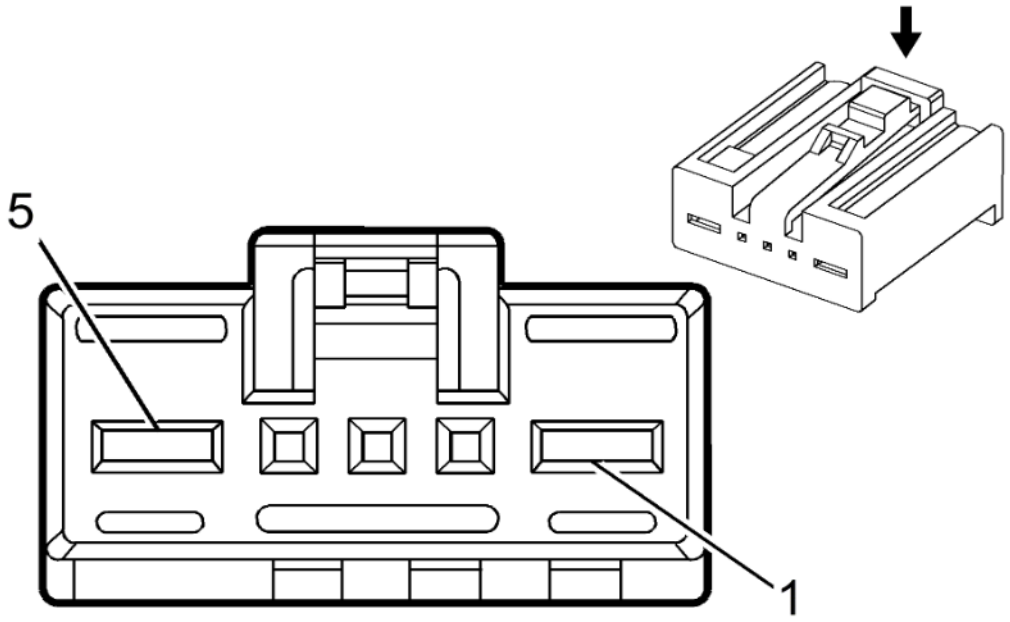
- Harness Type: Driver Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BU	285	Driver Power Seat Horizontal Motor Forward Control	I	-
2	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	GY/GN	284	Driver Power Seat Horizontal Motor Rearward Control	I	-

M51LR SEAT HORIZONTAL MOTOR - LEFT REAR (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

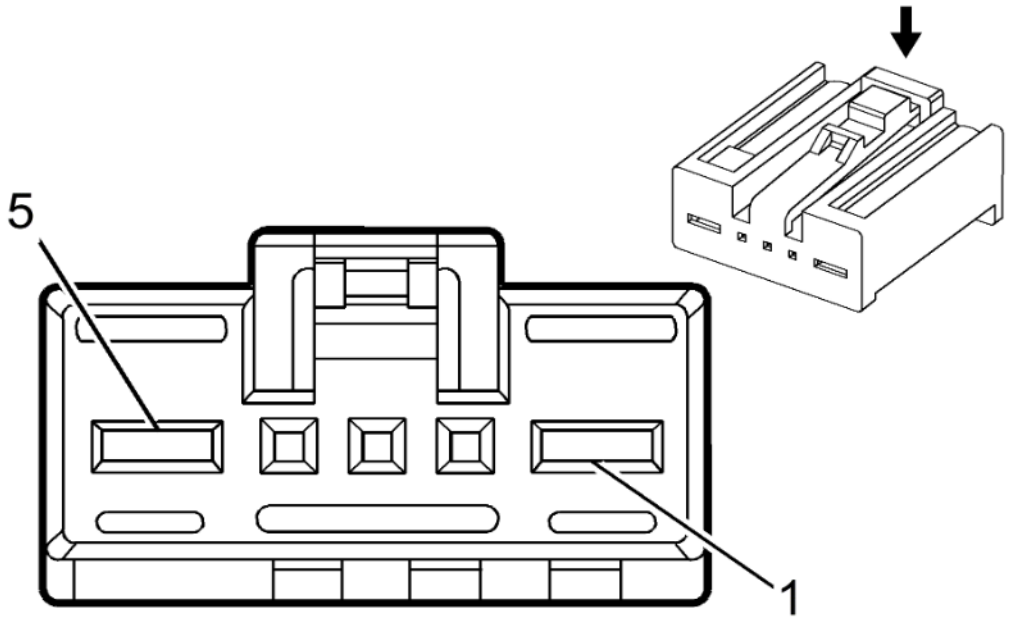
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
5	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-

M51P SEAT HORIZONTAL MOTOR - PASSENGER

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

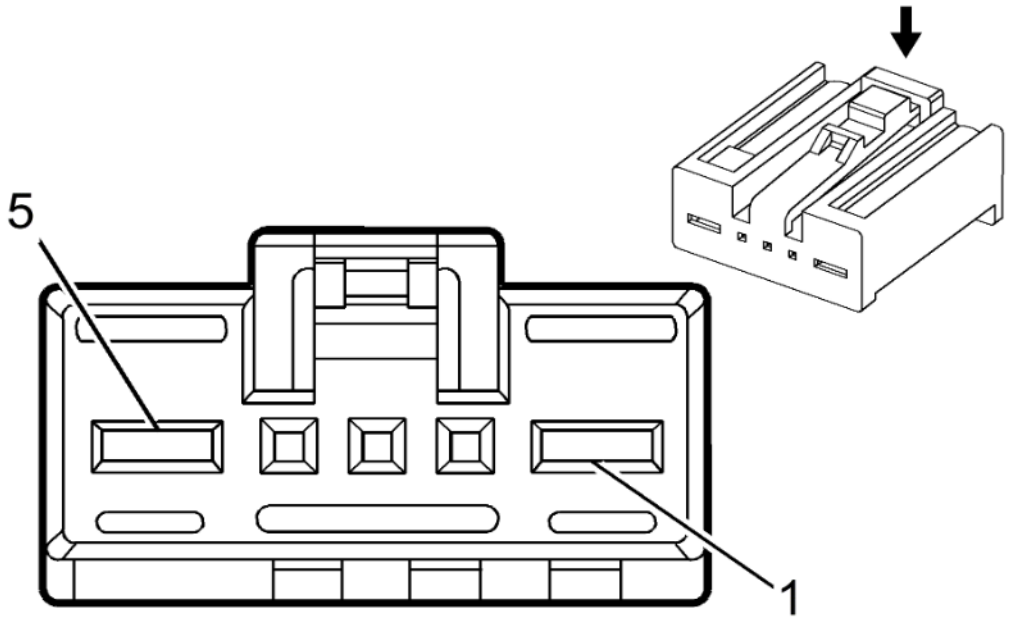
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
2	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-

M51RR SEAT HORIZONTAL MOTOR - RIGHT REAR (AQ9)

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Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

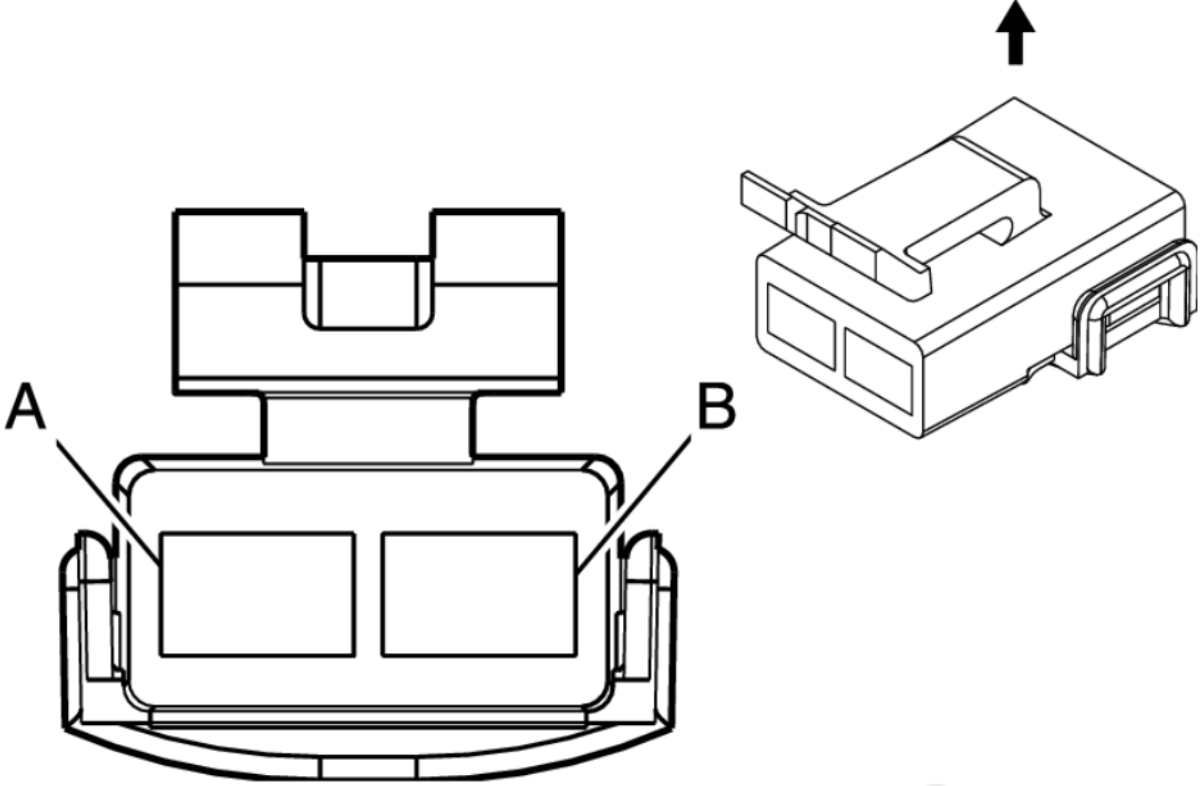
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
2	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-

M52D SEAT LUMBAR SUPPORT HORIZONTAL MOTOR - DRIVER X1 (AL2)

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Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 12020556
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 480 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-
B	-	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-

M52D SEAT LUMBAR SUPPORT HORIZONTAL MOTOR - DRIVER X2 (AL2)

-

Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 50579403
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

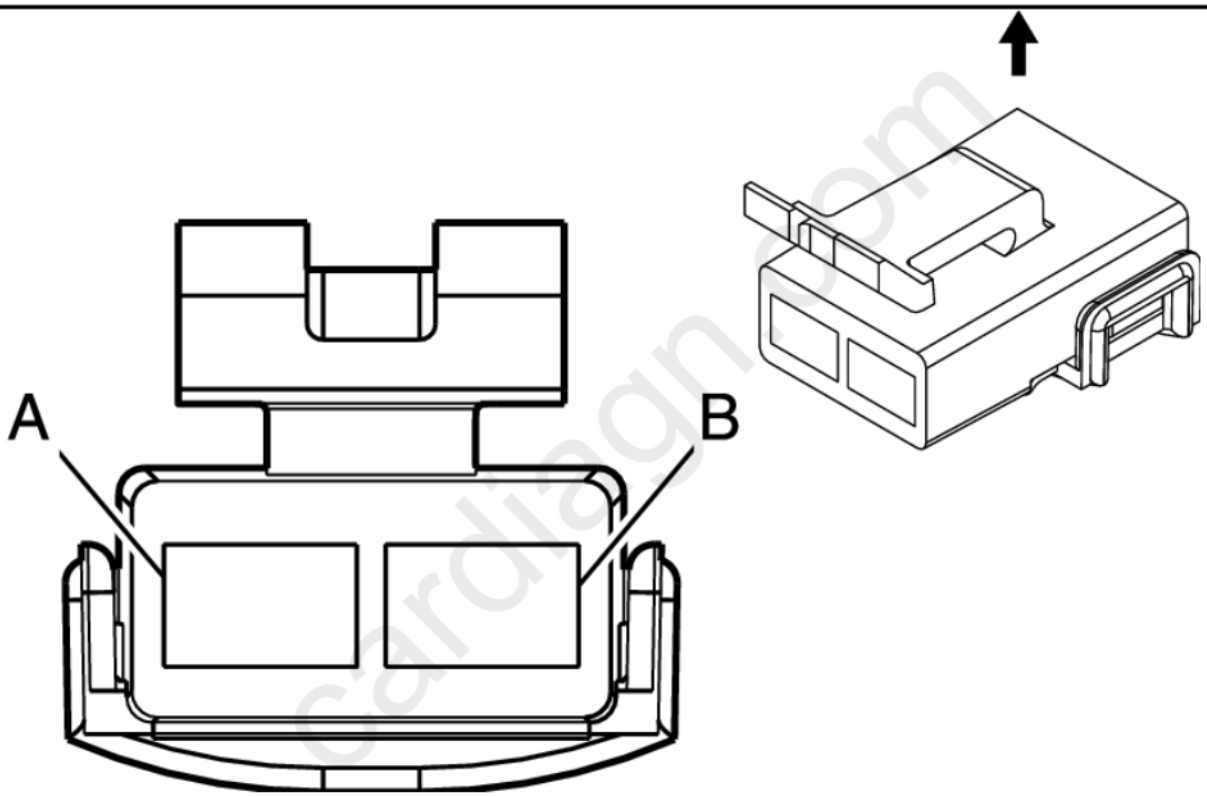
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/RD	6207	Memory Sensor High Reference	I	-
2	-	YE	1063	Driver Memory Seat Lumbar Horizontal Position Sensor Signal	I	-
3	-	BK/GY	6206	Memory Sensor Low Reference	I	-

M52P SEAT LUMBAR SUPPORT HORIZONTAL MOTOR - PASSENGER X1 (AL2)



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 12020556
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 480 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-
B	-	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-

M52P SEAT LUMBAR SUPPORT HORIZONTAL MOTOR - PASSENGER X2 (AL2)

-

Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 50579403
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/RD	6207	Memory Sensor High Reference	I	-
2	-	YE	4280	Passenger Memory Seat Lumbar Horizontal Position Sensor Signal	I	-
3	-	BK/GY	6206	Memory Sensor Low Reference	I	-

M52P SEAT LUMBAR SUPPORT HORIZONTAL MOTOR - PASSENGER X2 (AL2)

-

Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 50579403
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way

Terminal Part Information

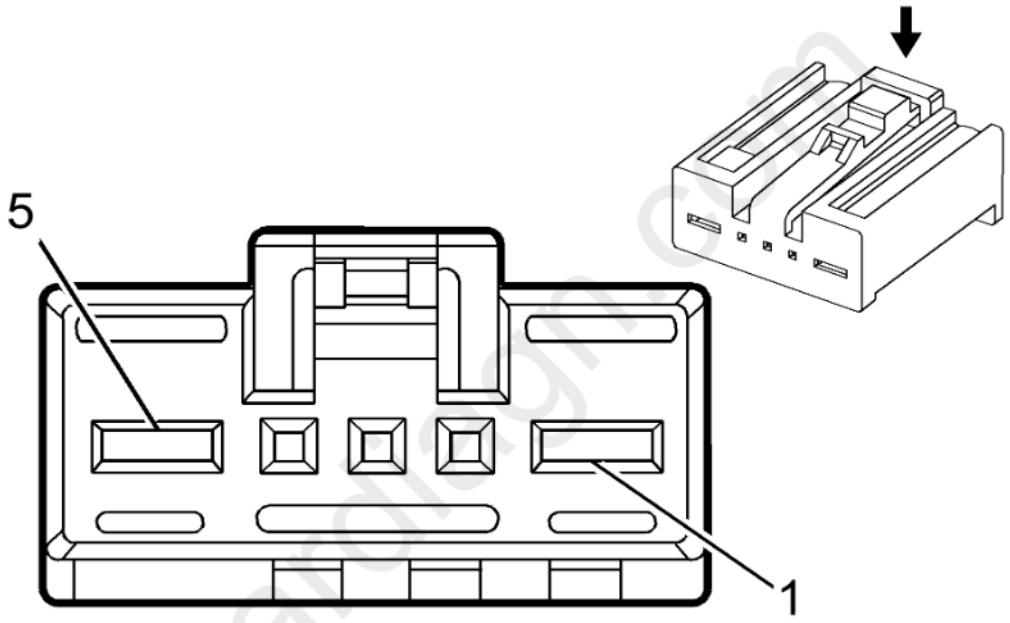
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/RD	6207	Memory Sensor High Reference	I	-
2	-	YE	4280	Passenger Memory Seat Lumbar Horizontal Position Sensor Signal	I	-
3	-	BK/GY	6206	Memory Sensor Low Reference	I	-

M55P SEAT REAR VERTICAL MOTOR - PASSENGER



carlegal.com

Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

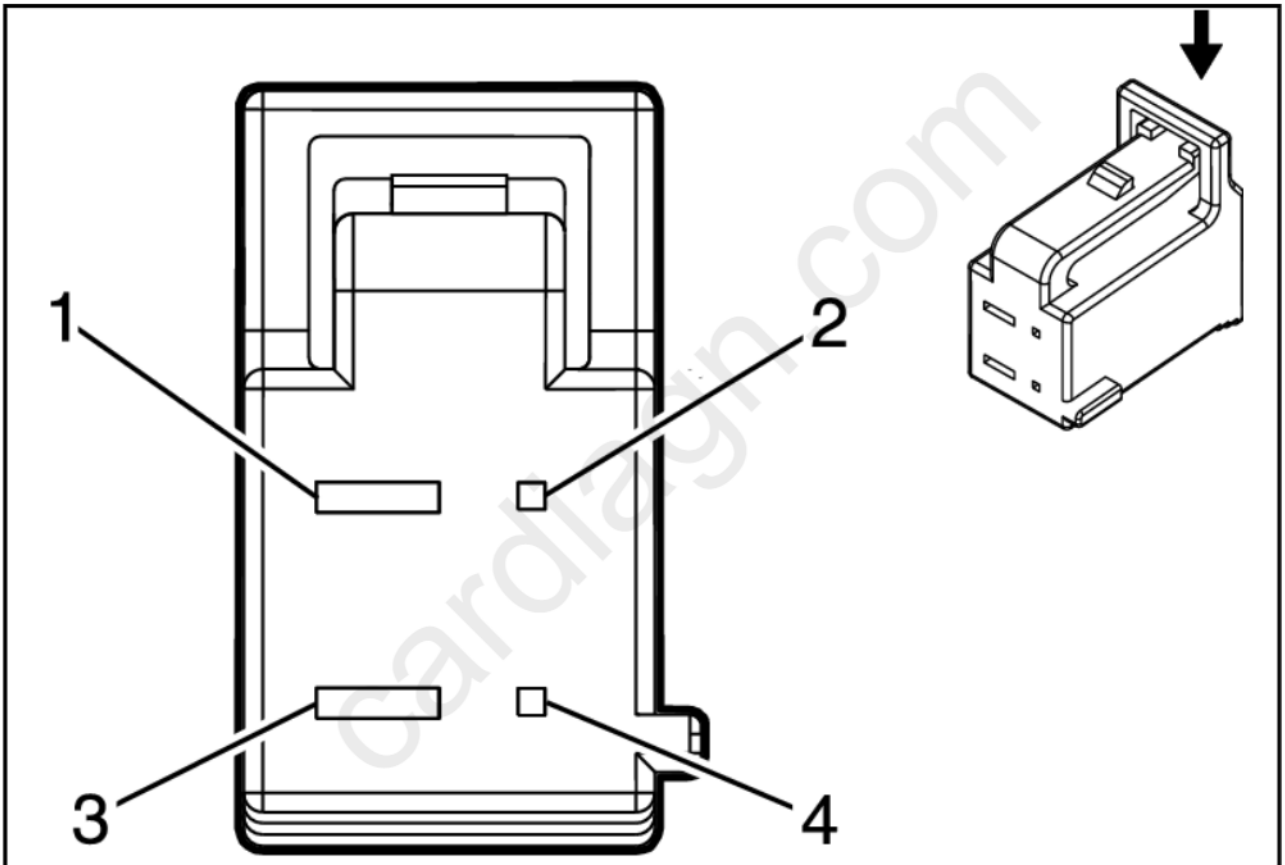
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-
2	0.35	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.5	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-

M56D SEAT RECLINE MOTOR - DRIVER



Connector Part Information

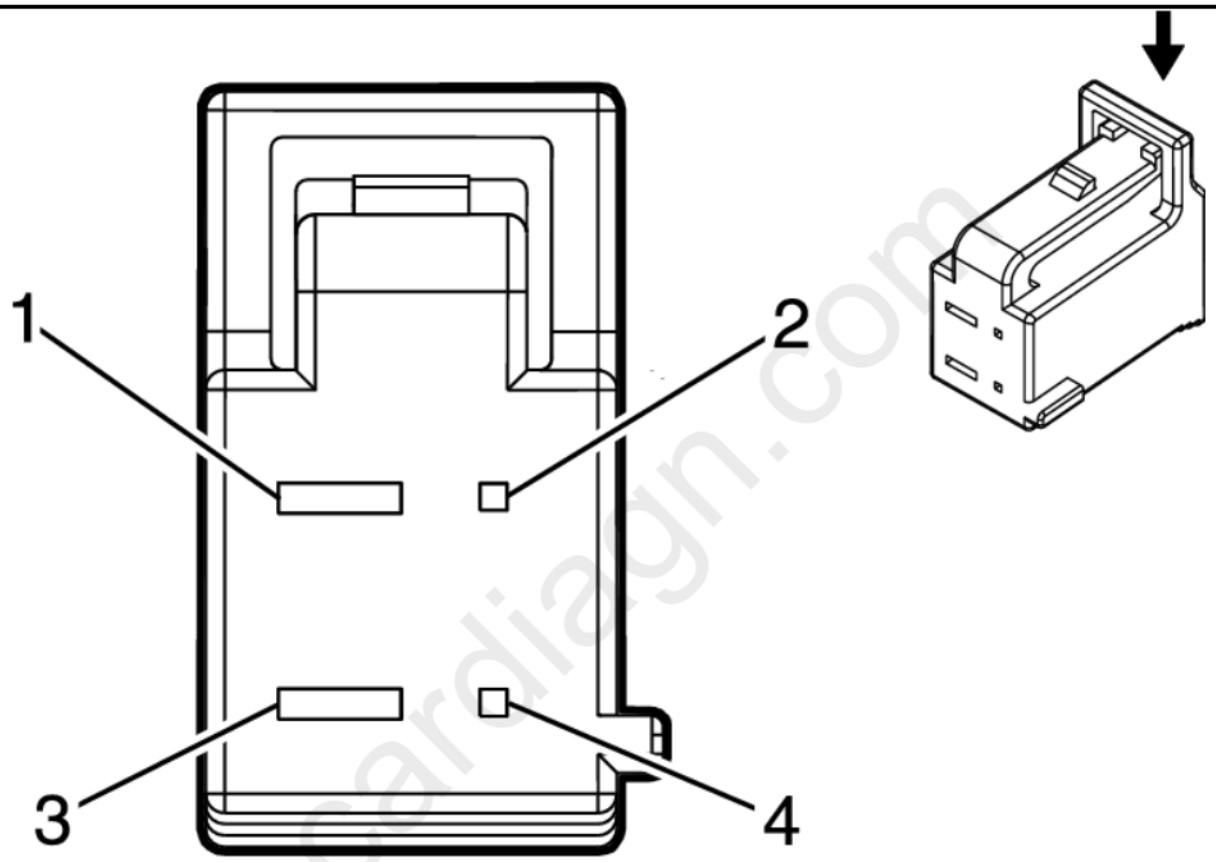
- Harness Type: Driver Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/YE	276	Driver Power Seat Recline Motor Forward Control	II	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	BU/YE	277	Driver Power Seat Recline Motor Rearward Control	II	-
4	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	II	-

M56P SEAT RECLINE MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

Terminal Part Information

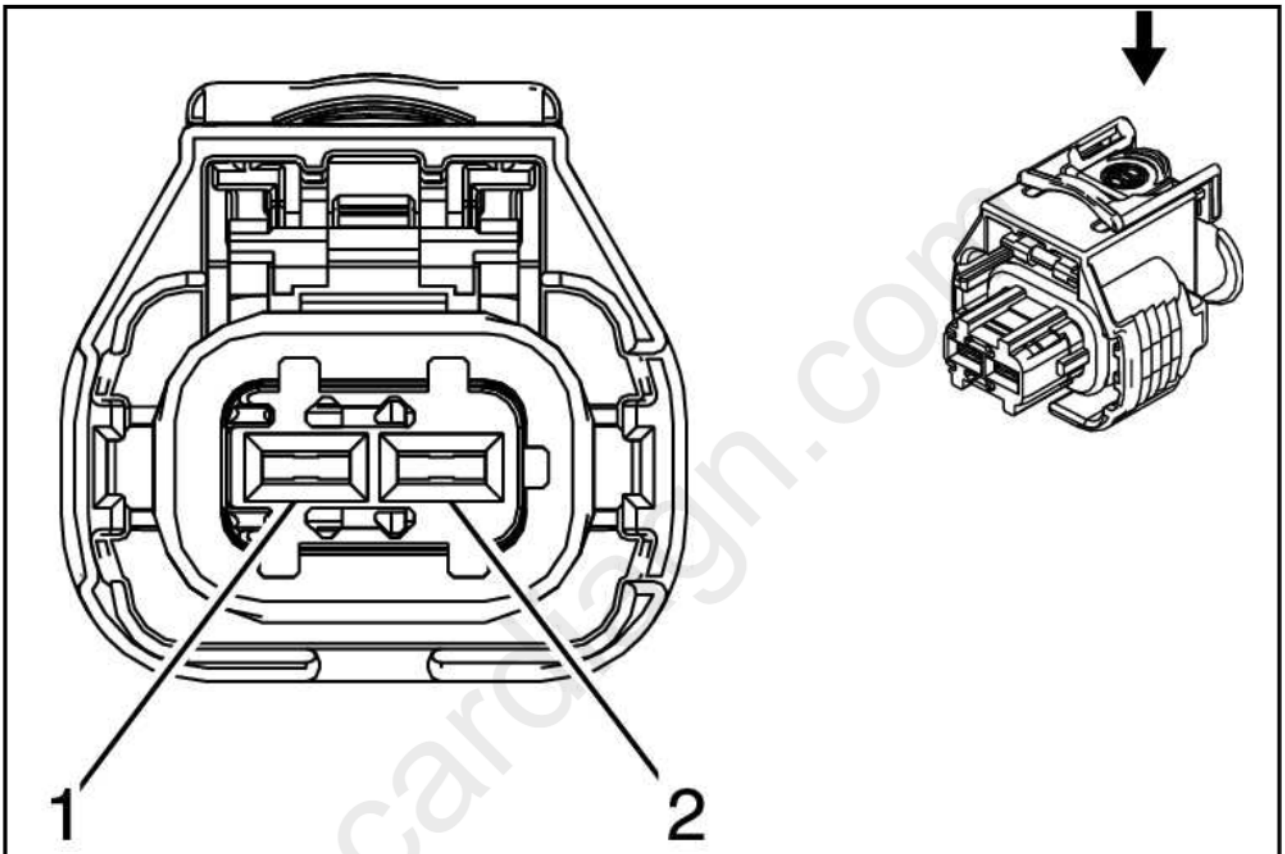
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
3	1.5	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
4	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	I	-

M64 STARTER MOTOR (LGW)



Connector Part Information

- Harness Type: Starter Jumper
- OEM Connector: 13343443
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

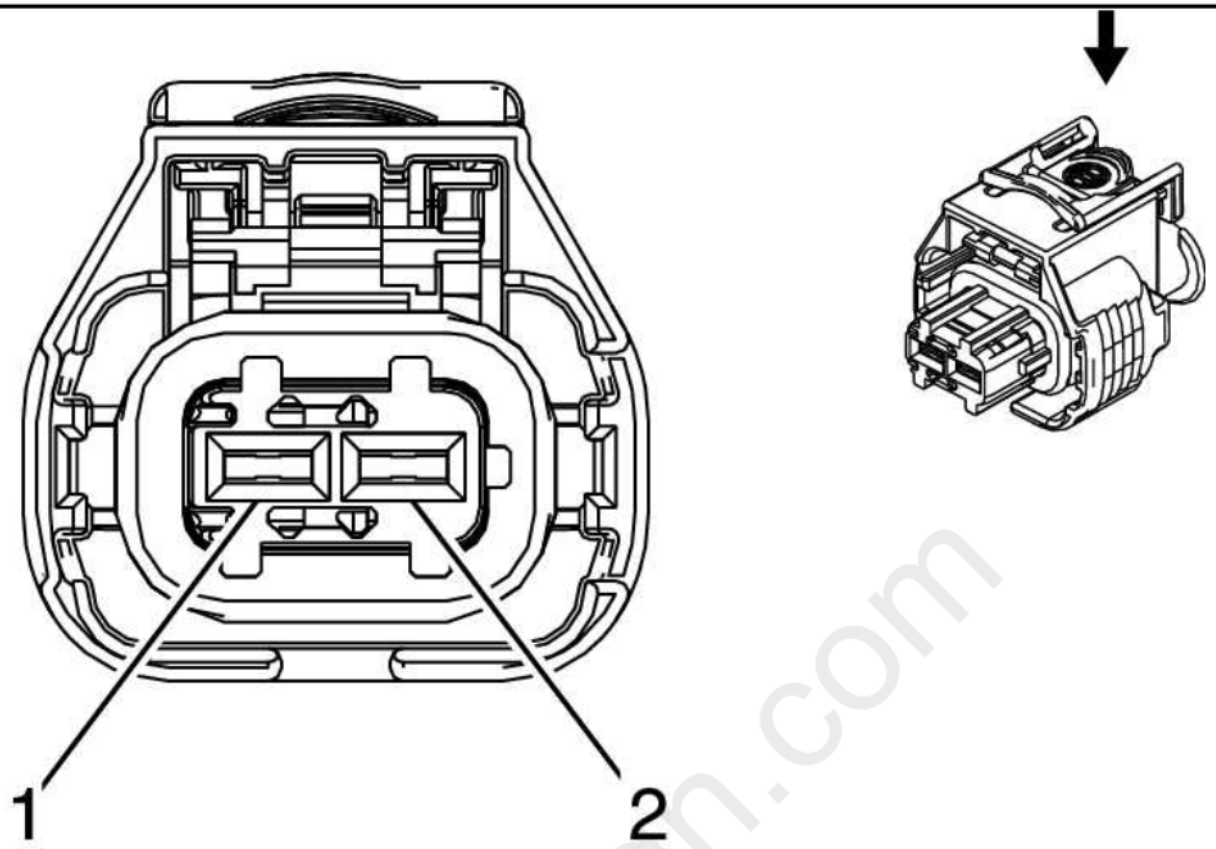
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	2.5	YE	4358	Starter Pinion Solenoid Voltage	I	-

M64 STARTER MOTOR (LTG/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13930085
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	-
2	2.5	YE/GN	4358	Starter Pinion Solenoid Voltage	I	-

M64 STARTER MOTOR X2

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Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: 8400183

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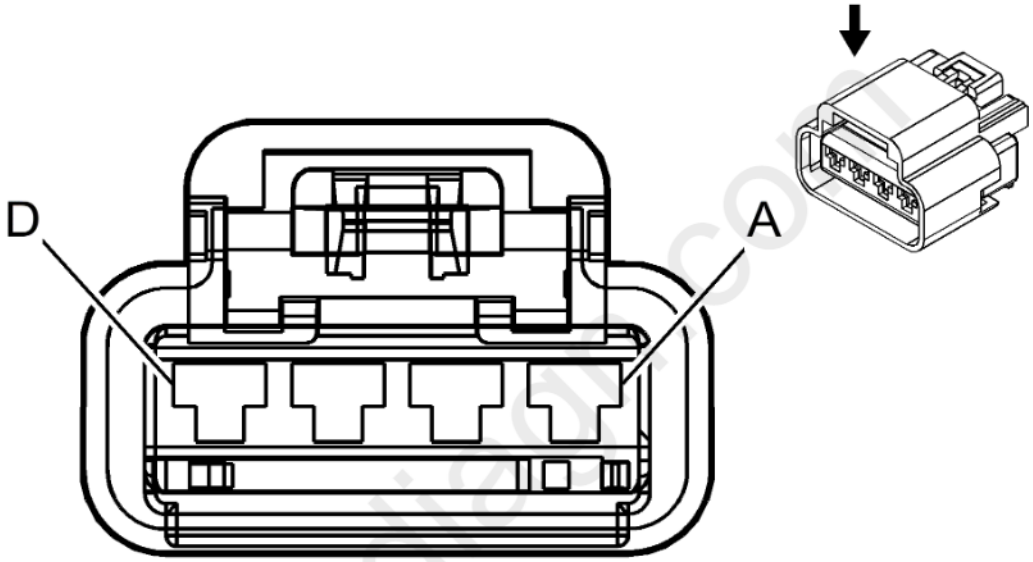
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	RD	1	Unfused Battery Positive Voltage	I	-

M65 STEERING COLUMN TELESCOPE MOTOR



Connector Part Information

- Harness Type: Steering Column
- OEM Connector: 15326886
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 280 GT Series (BK)

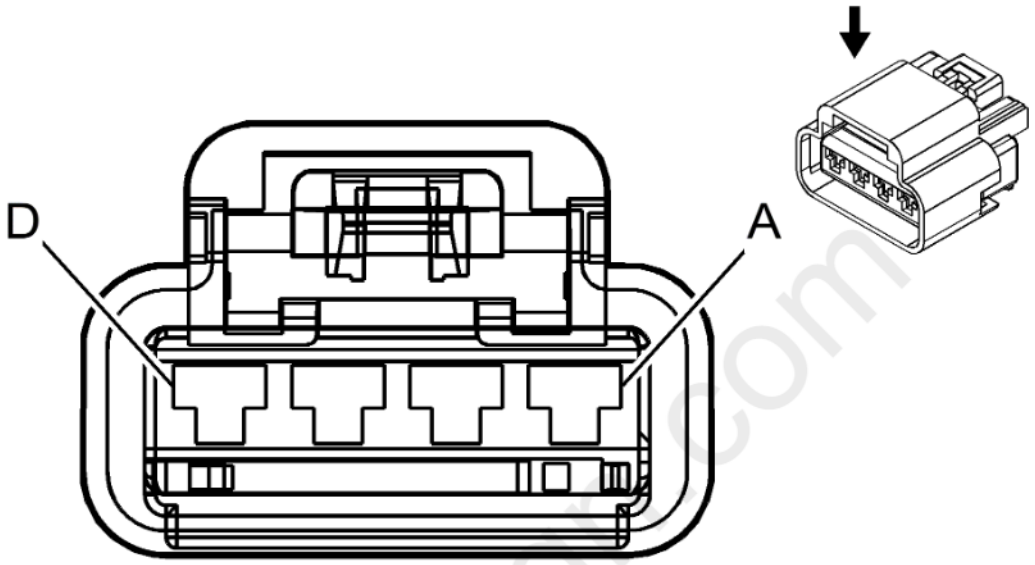
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1.0	GN	2098	Steering Column Telescope Motor Forward Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
B	0.35	WH	2152	Steering Column Telescope Motor Low Reference	I	-
C	0.35	YE	2153	Steering Column Telescope Motor Signal	I	-
D	1.0	RD	2110	Steering Column Telescope Motor Rearward Control	I	-

M68 STEERING COLUMN TILT MOTOR



Connector Part Information

- Harness Type: Steering Column
- OEM Connector: 15326886
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 280 GT Series (BK)

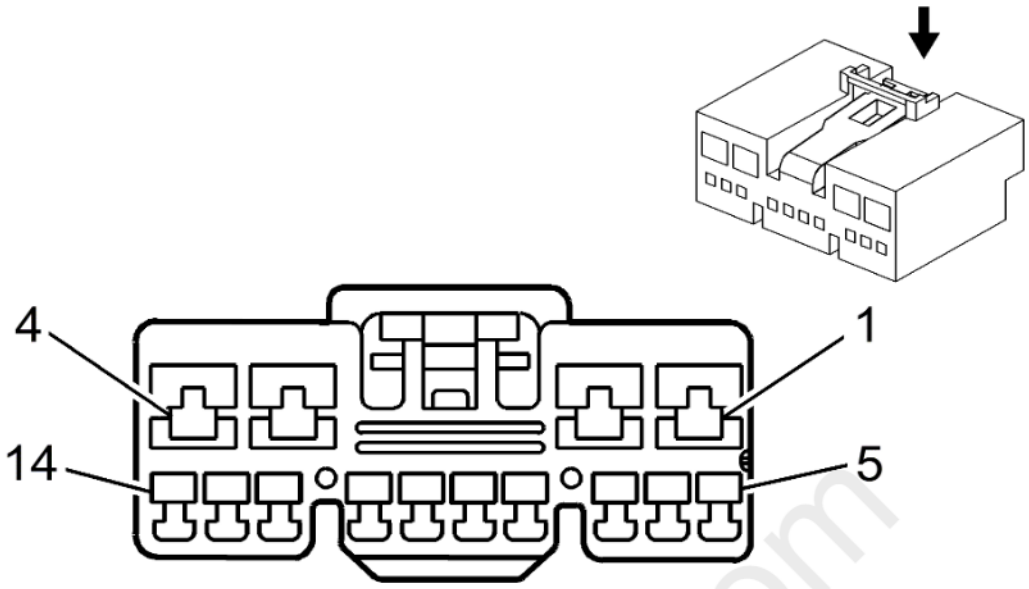
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1.0	VT	2111	Steering Column Tilt Motor Up Control	I	-
B	0.35	BU	2157	Steering Column Tilt Motor Low Reference	I	-
C	0.35	GY	2154	Steering Column Tilt Motor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
D	1.0	WH	2112	Steering Column Tilt Motor Down Control	I	-

M69 SUNROOF MOTOR (C3U)



Connector Part Information

- Harness Type: Sunroof Jumper
- OEM Connector: 15466088
- Service Connector: Service by Harness - See Part Catalog
- Description: 14-Way F 0.64, 2.8 YESC Series (L-GY)

Terminal Part Information

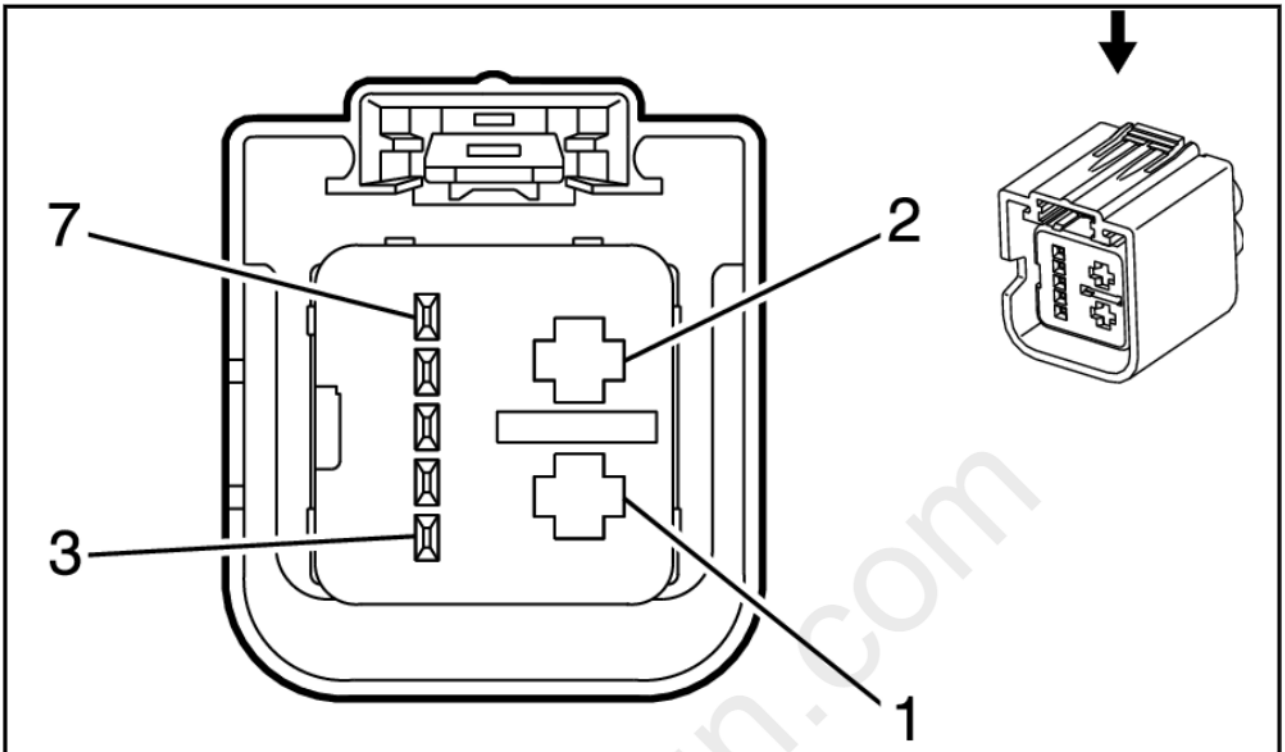
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.0	RD	3540	Battery Positive Voltage	I	-
2	0.35	WH	-	-	I	-
3	-	-	-	Not Occupied	-	-
4	2.0	BK	2350	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	BU	5027	Sunroof Switch Data 1 Signal	I	-
8	0.35	BK/GN	128	Sunroof Switch Low Reference	I	-
9	0.35	GN	3031	Sunroof Vent Switch Signal	I	-
10	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BK/YE	6132	Local Interconnect Network Serial Data Bus 1	I	-
12 - 14	-	-	-	Not Occupied	-	-

M74D WINDOW MOTOR - DRIVER



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15504732
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

Terminal Part Information

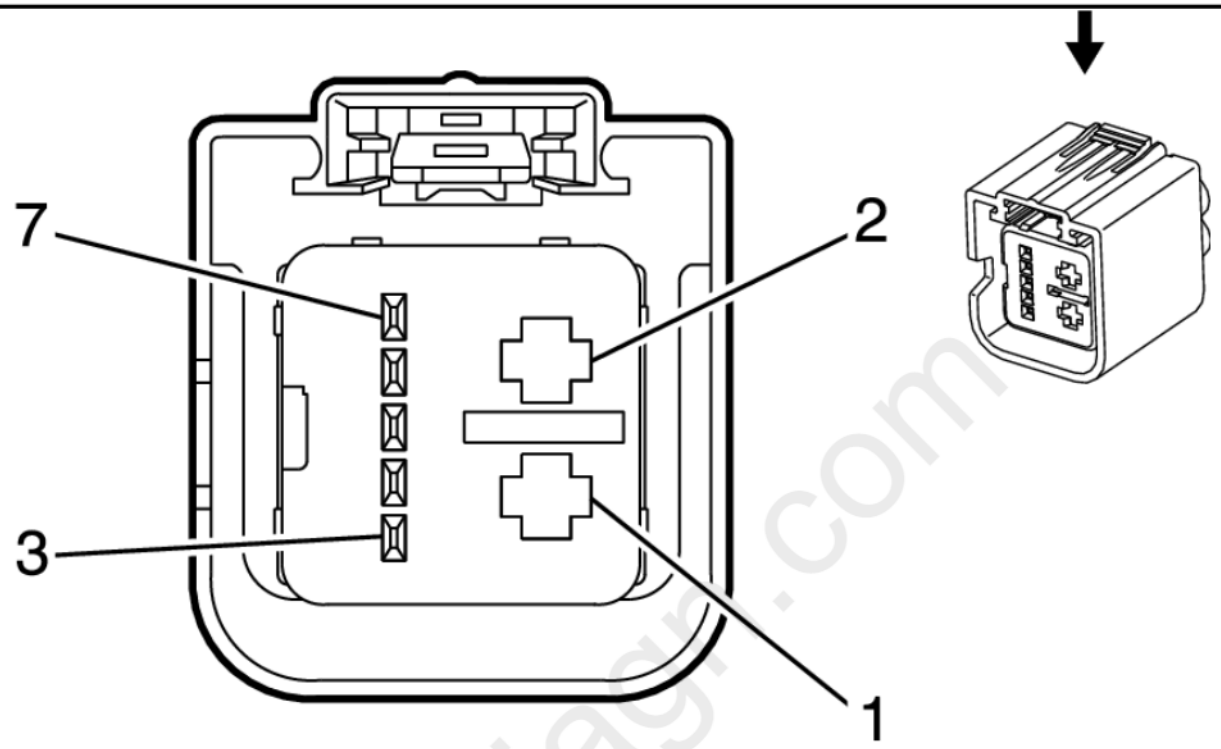
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2150	Ground	I	-
2	2.5	RD/BU	1842	Battery Positive Voltage	I	-
3	0.35	GN/WH	3379	Power Window Switch Driver Up Signal	II	-
4	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	GN	3381	Power Window Switch Driver Express Signal	II	-
6	0.35	GY	745	Left Front Door Ajar Switch Signal	II	-
7	0.35	BU/GN	3380	Power Window Switch Driver Down Signal	II	-

M74LR WINDOW MOTOR - LEFT REAR



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 15504732
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

Terminal Part Information

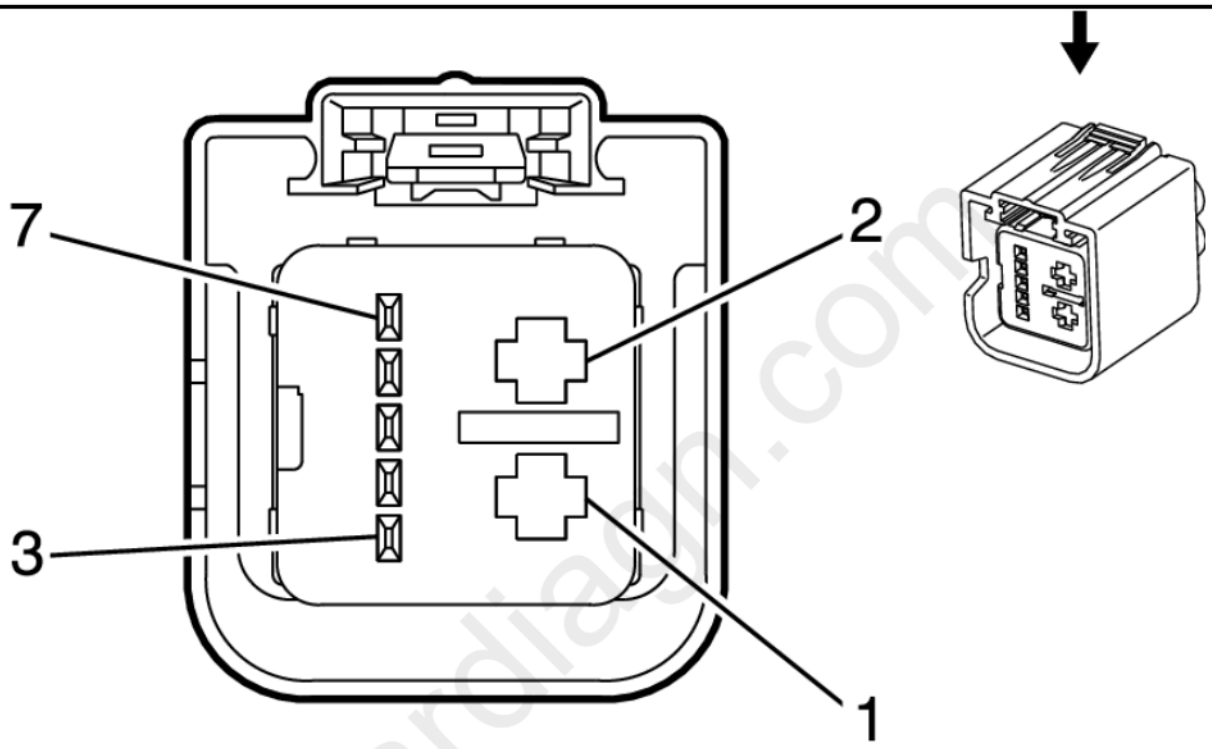
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2350	Ground	I	-
2	2.5	RD/BU	1842	Battery Positive Voltage	I	-
3	0.35	GN/GY	1185	Power Window Switch Left Rear Up Signal	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	II	-
5	0.35	GY/GN	5048	Power Window Switch Left Rear Express Signal	II	-
6	0.35	GY	747	Left Rear Door Ajar Switch Signal	II	-
7	0.35	BN/BU	1187	Power Window Switch Left Rear Down Signal	II	-

M74P WINDOW MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 15504732
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

Terminal Part Information

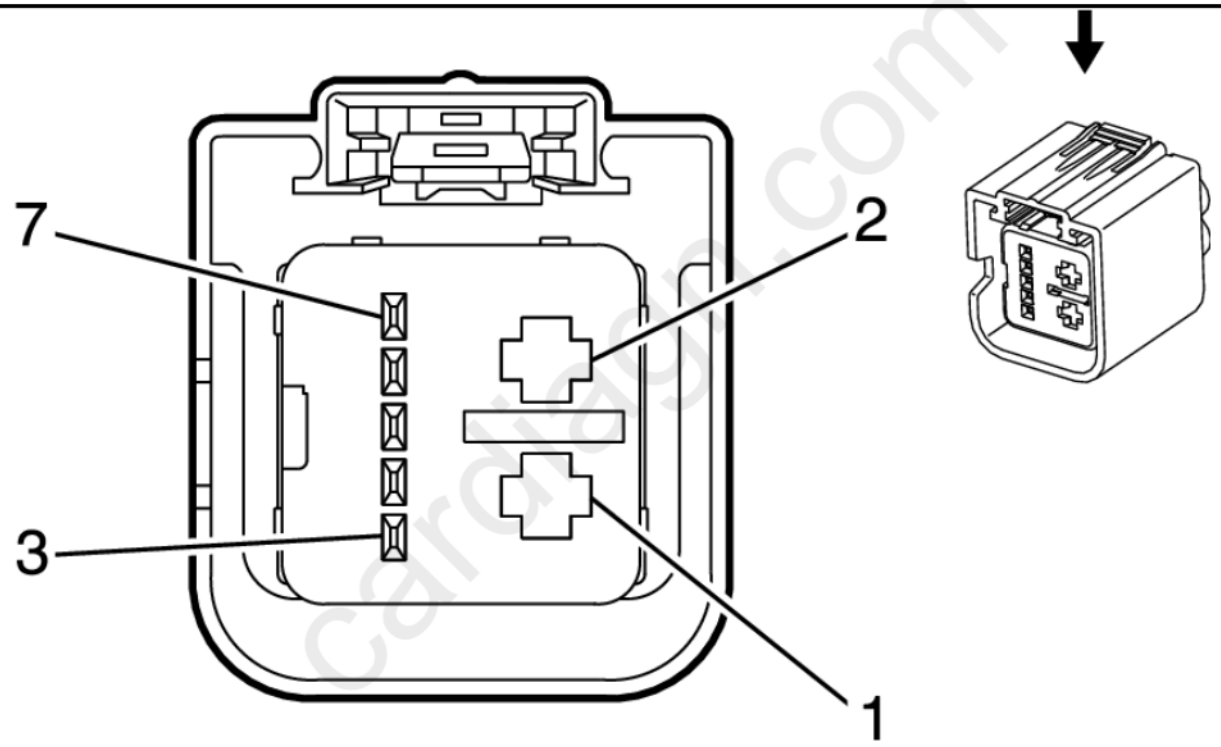
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2250	Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	2.5	RD/WH	4042	Battery Positive Voltage	I	-
3	0.35	YE/BK	3384	Power Window Switch Passenger Up Signal	II	-
4	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-
5	0.35	VT/GY	3386	Power Window Switch Passenger Express Signal	II	-
6	0.35	GY	746	Right Front Door Ajar Switch Signal	II	-
7	0.35	BN/YE	3385	Power Window Switch Passenger Down Signal	II	-

M74RR WINDOW MOTOR - RIGHT REAR



Connector Part Information

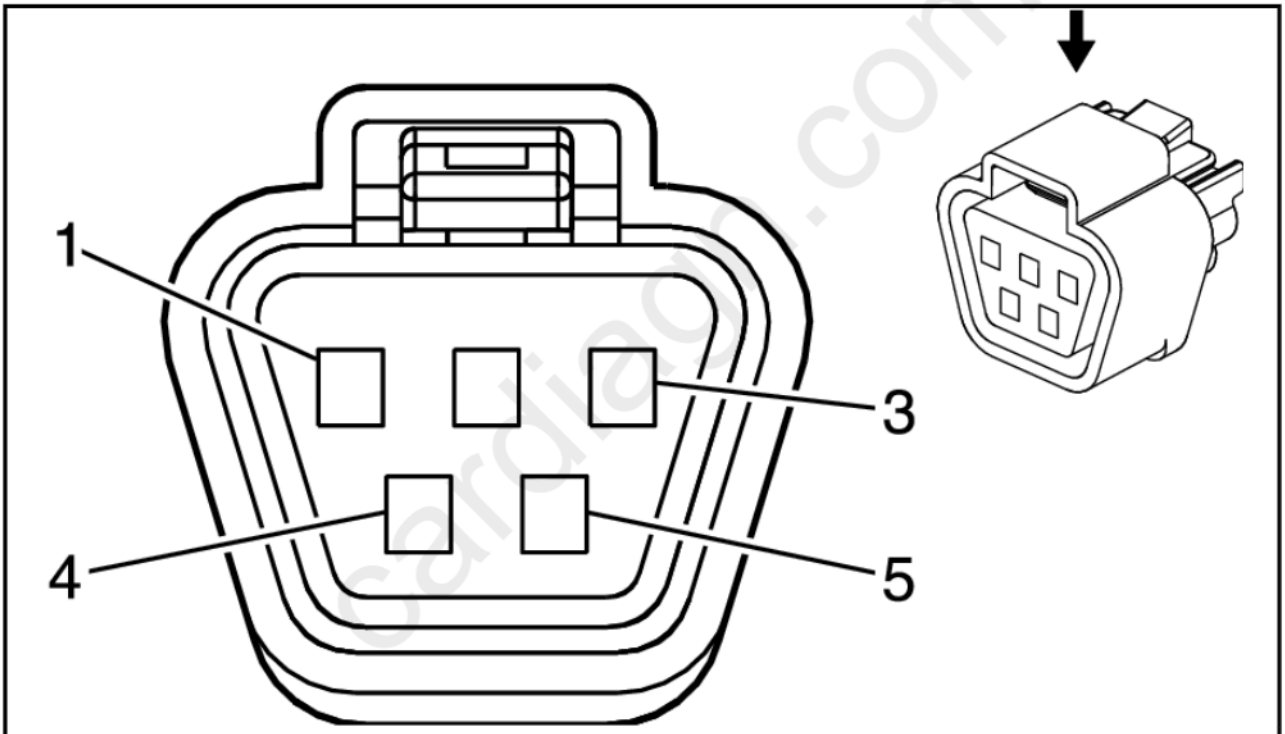
- Harness Type: Right Rear Door
- OEM Connector: 15504732
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2450	Ground	I	-
2	2	RD/WH	4042	Battery Positive Voltage	I	-
3	0.35	GN/GY	1186	Power Window Switch Right Rear Up Signal	II	-
4	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	II	-
5	0.35	WH/GN	5049	Power Window Switch Right Rear Express Signal	II	-
6	0.35	GY	748	Right Rear Door Ajar Switch Signal	II	-
7	0.35	BN/BU	1188	Power Window Switch Right Rear Down Signal	II	-

M75 WINDSHIELD WIPER MOTOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 15316488
- Service Connector: 13587179
- Description: 5-Way F 090 Series, Sealed (BK)

Terminal Part Information

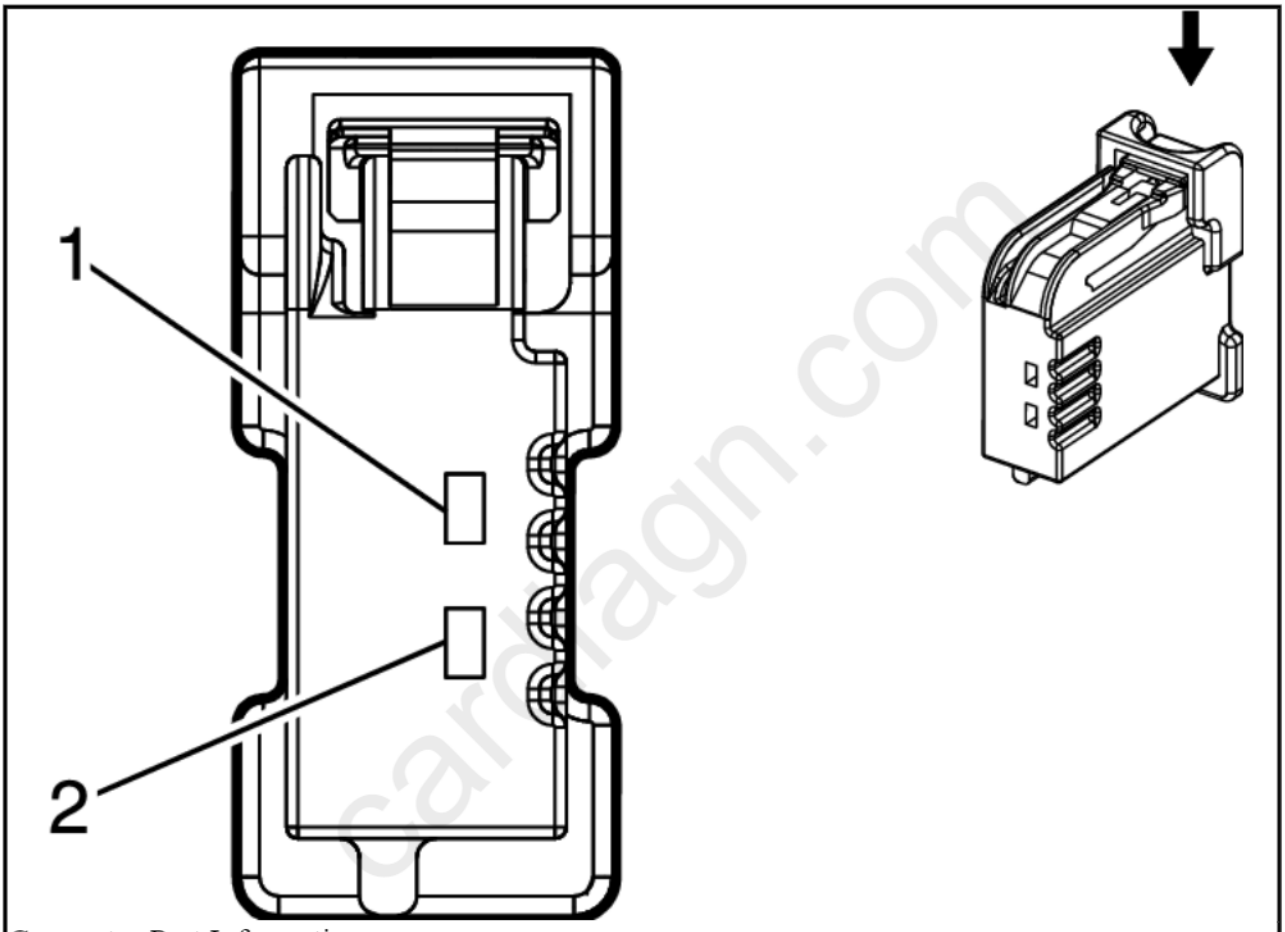
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/GN	196	Windshield Wiper Motor Park Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	2	WH	92	Windshield Wiper Motor High Speed Control	I	-
4	2	BK	750	Ground	I	-
5	2	YE/BN	95	Windshield Wiper Motor Low Speed Control	I	-

M91 INSTRUMENT PANEL COMPARTMENT DOOR UNLATCH ACTUATOR



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

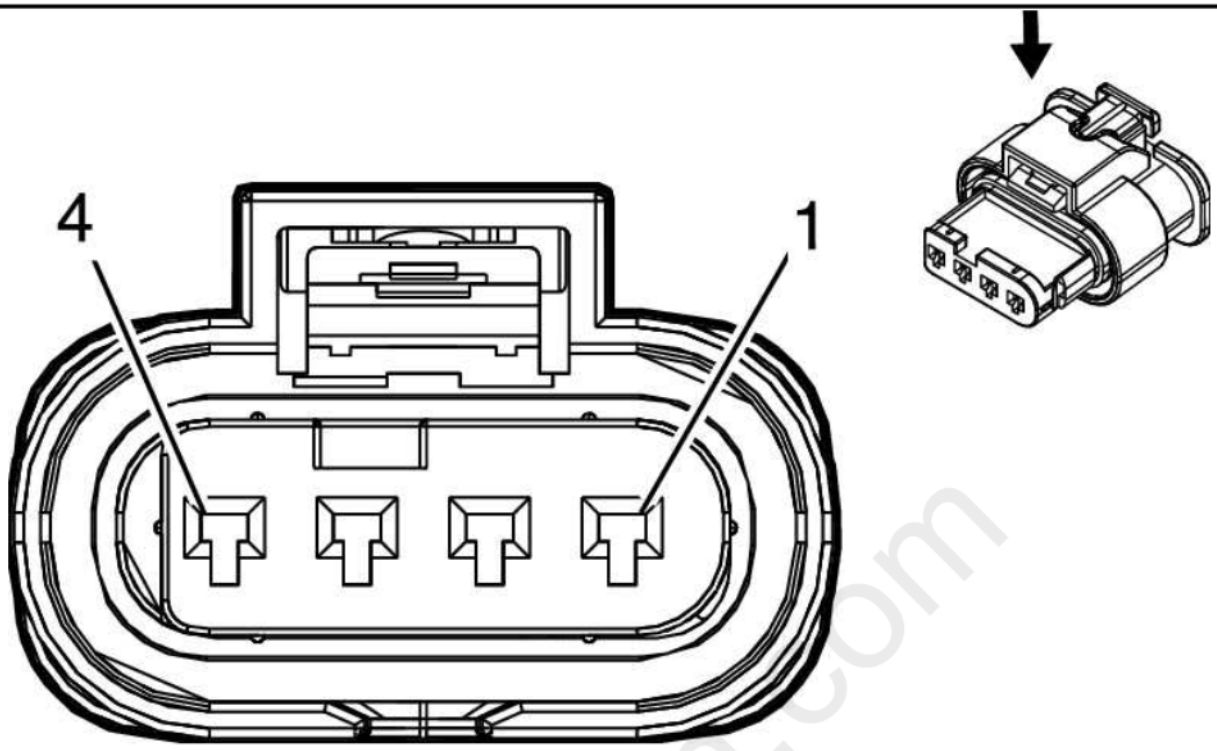
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/GY	4048	Glove Box Door Release Control	I	-
2	0.35	BK	1450	Ground	I	-

M96 ACTIVE GRILLE AIR SHUTTER ACTUATOR



Connector Part Information

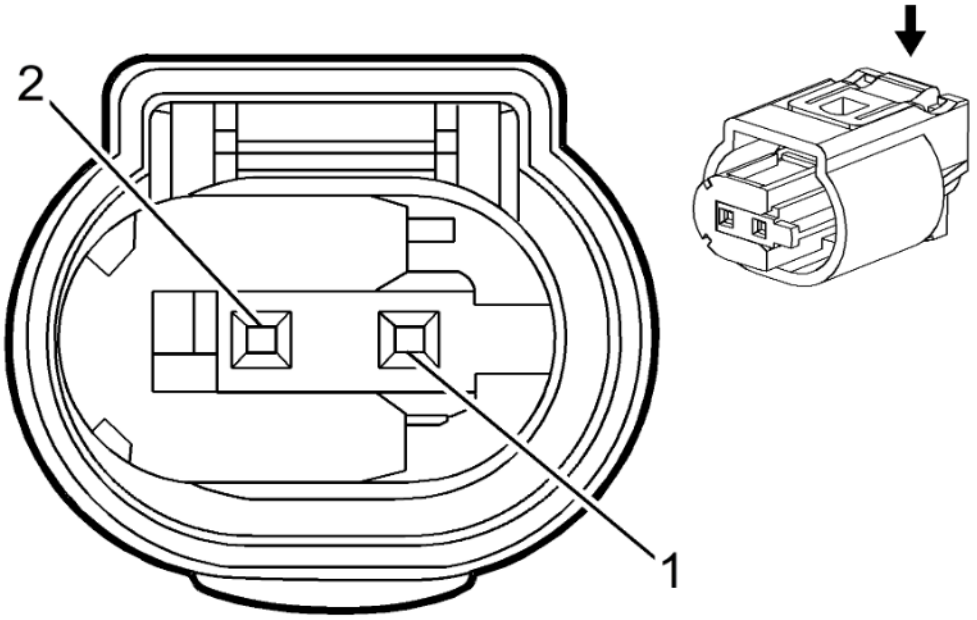
- Harness Type: Forward Lamp
- OEM Connector: 15538914
- Service Connector: 19330674
- Description: 4-Way F 1.2 MCON Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5705	Powertrain Main Relay Fused Control 6	I	-
2	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BK	550	Ground	I	-

M97 FUEL FILL DOOR LOCK ACTUATOR (N08)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13623700
- Service Connector: 13577915
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

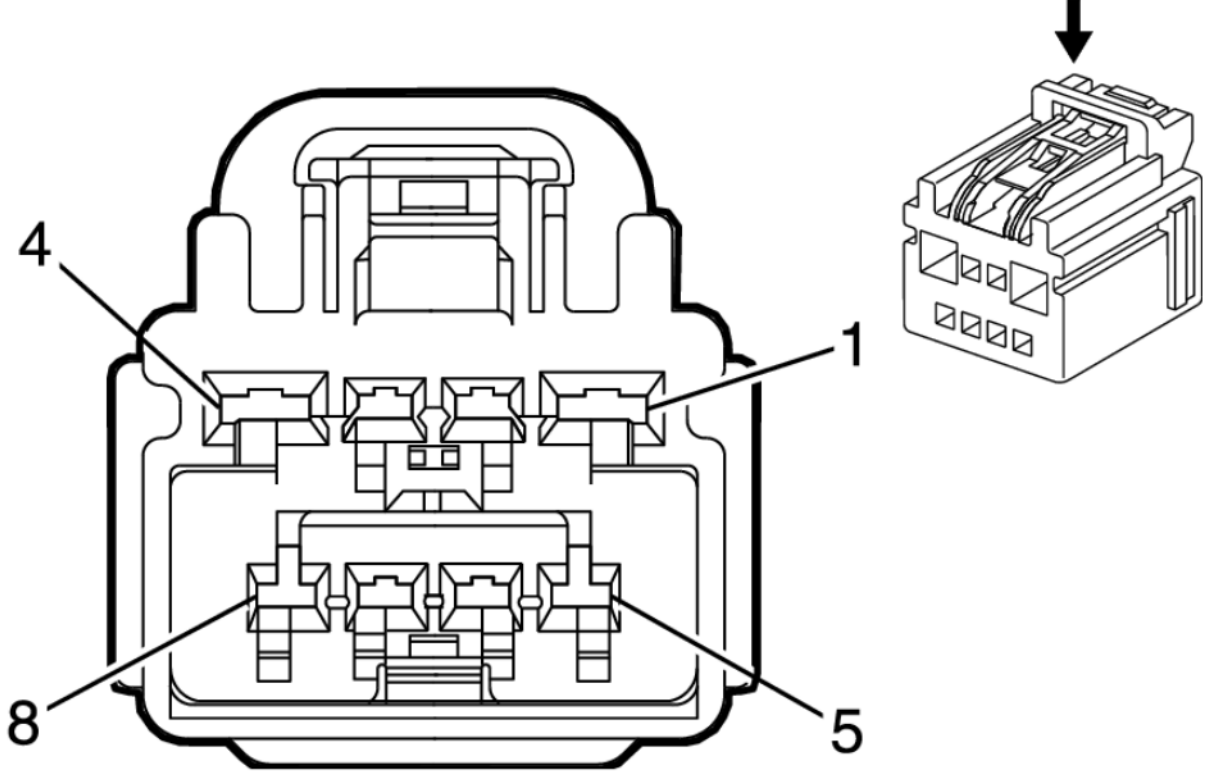
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	6800	Fuel Door Lock/Unlock 1 Signal	I	-
2	0.5	BU/BK	6801	Fuel Door Lock/Unlock 1 Reference	I	-

M101L SEAT BELT RETRACTOR MOTOR MODULE - LEFT (AX7)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 10847007
- Service Connector: 19153181
- Description: 8-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-41 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

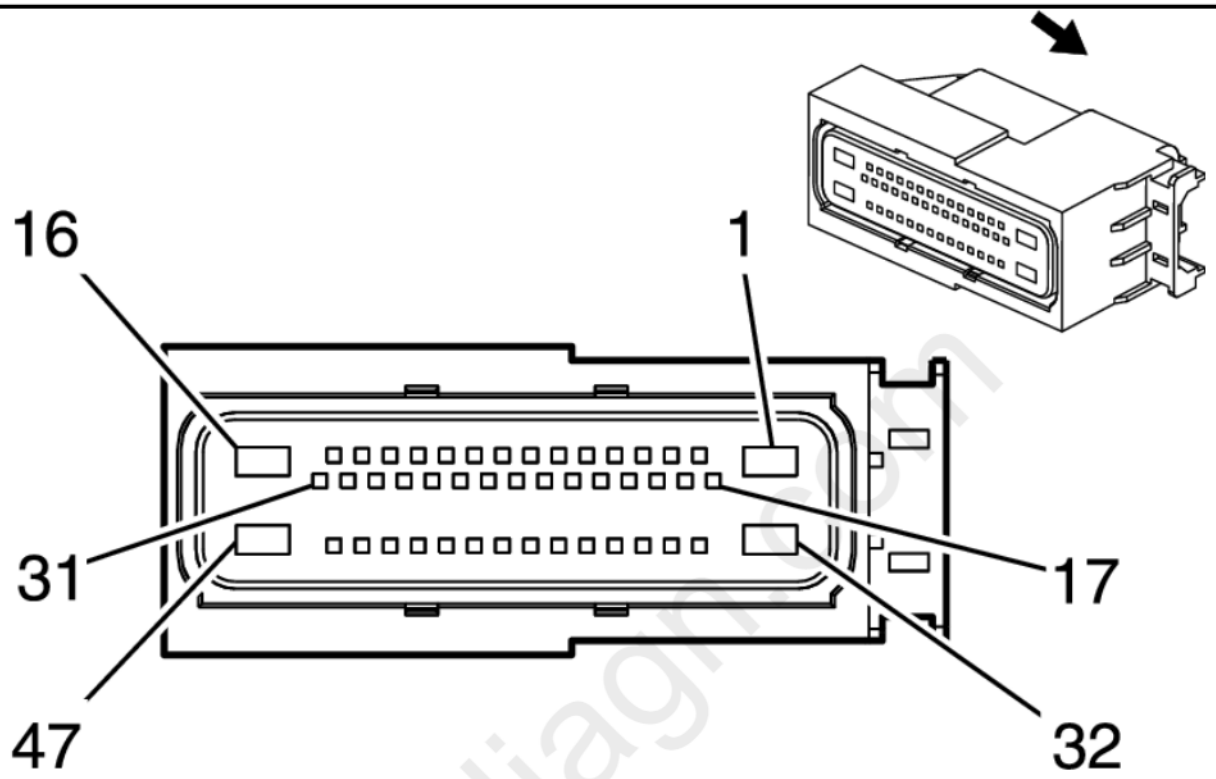
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK	2150	Ground	I	-
2	0.35	WH/D-BU	5986	Serial Data Communication Enable	II	-
3	-	-	-	Not Occupied	-	-
4	2.5	RD/D-BU	6040	Battery Positive Voltage	I	-
5	0.5 0.35	WH WH	6106 6106	High Speed GMLAN Serial Data (-) 2 High Speed GMLAN Serial Data (-) 2	II II	NYS -NYS
6	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-
7	0.5 0.35	D-BU/YE D-BU/YE	6105 6105	High Speed GMLAN Serial Data (+) 2 High Speed GMLAN Serial Data (+) 2	II II	NYS -NYS
8	0.35	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	II	-

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COMPONENT CONNECTOR END VIEWS

K19 SUSPENSION CONTROL MODULE (F55)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491306
- Service Connector: 19168025
- Description: 47-Way F 0.64, 6.3 Series, Sealed (BK)

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580835	J-35616-42 (RD)	J-38125-553	15476168	Delphi 5	F	3
II	15324991	J-35616-42 (RD)	J-38125-553	15476168	Delphi 5	Not Available	Not Available
III	15491268	J-35616-64B (LT BU)	J-38125-215A	SAITS-A03T-M064	Yazaki 14	9	9

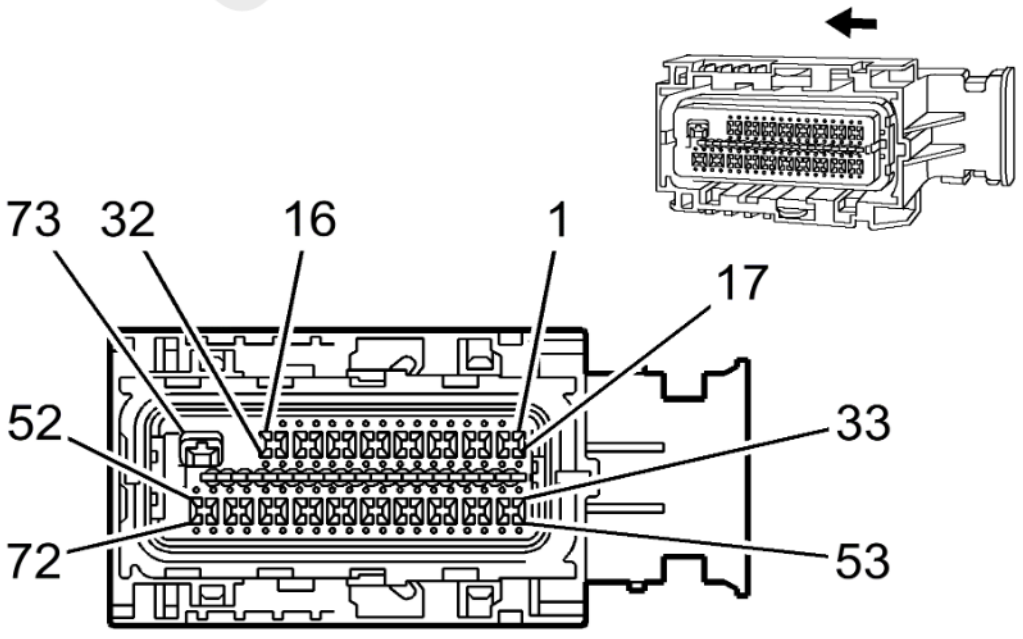
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	BK/GN	1209	Left Rear Strut Position Sensor Low Reference	III	-
3	0.35	YE/WH	1213	Right Front Strut Position Sensor Signal	III	-
4	-	-	-	Not Occupied	-	-
5	0.35	BK/YE	1215	Right Rear Strut Position Sensor Low Reference	III	-
6	0.35	BN/WH	1207	Left Front Strut Position Sensor Signal	III	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.35	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
13	0.35	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
14	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
15	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
16	0.75	WH/D-BU	5986	Serial Data Communication Enable	II	-
17	0.35	L-GN/WH	1210	Left Rear Strut Position Sensor Signal	III	-
18	0.35	BK/GY	1212	Right Front Strut Position Sensor Low Reference	III	-
19	-	-	-	Not Occupied	-	-
20	0.35	L-GN/GY	1216	Right Rear Strut Position Sensor Signal	III	-
21	0.35	BK/D-BU	1206	Left Front Strut Position Sensor Low Reference	III	-
22 - 23	-	-	-	Not Occupied	-	-
24	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
25	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
26	-	-	-	Not Occupied	-	-
27	0.75	BN	1009	Right Front Strut Motor Decrease Damping Control	III	-
28	0.75	WH/BK	1006	Right Front Strut Motor Increase Damping Control	III	-
29	-	-	-	Not Occupied	-	-
30	0.75	WH/GN	1005	Left Front Strut Motor Decrease Damping Control	III	-
31	0.75	WH/GY	1448	Left Front Strut Motor Increase Damping Control	III	-
32	2	RD/GN	5140	Battery Positive Voltage	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
33	0.35	YE/RD	1208	Left Rear Strut Position Sensor 5V Reference	III	-
34	0.35	BN/RD	1211	Right Front Strut Position Sensor 5V Reference	III	-
35	0.35	GN/RD	1214	Right Rear Strut Position Sensor 5V Reference	III	-
36	0.35	D-BU/RD	1205	Left Front Strut Position Sensor 5V Reference	III	-
37 - 38	-	-	-	Not Occupied	-	-
39	0.35	D-BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
40	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
41	-	-	-	Not Occupied	-	-
42	0.75	WH/BK	1013	Left Rear Strut Motor Decrease Damping Control	III	-
43	0.75	BN/VT	1010	Left Rear Strut Motor Increase Damping Control	III	-
44	-	-	-	Not Occupied	-	-
45	0.75	VT	1017	Right Rear Strut Motor Decrease Damping Control	III	-
46	0.75	YE	1014	Right Rear Strut Motor Increase Damping Control	III	-
47	2	BK	2350	Ground	I	-

K20 ENGINE CONTROL MODULE X1 (LGW)



Connector Part Information

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- Harness Type: Engine
- OEM Connector: 33191431
- Service Connector: 13574946
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	II	-
6	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	II	-
7	0.5	BK/D-BU	1271	Accelerator Pedal Position Low Reference 1	II	-
8	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	II	-
9	0.5	BK/YE	5382	Brake Position Sensor Low Reference	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
13	0.5	WH/D-BU	6311	Cruise/ETC/TCC Brake Signal	II	-
14	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	II	-
15	0.5	YE	5991	Powertrain Relay Coil Control	II	-
16	0.5	BN/WH	419	Check Engine Indicator Control	II	-
17	0.5	WH	2368	Cooling Fan Control Signal	II	-
18 - 20	-	-	-	Not Occupied	-	-
21	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	II	-
22	0.5	L-GN/WH	1162	Accelerator Pedal Position Signal 2	II	-
23	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	II	-
24	0.5	D-BU/BK	7493	High Speed GMLAN Serial Data (+) 3	II	-
25	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	II	-
26	0.5	WH/L-GN	5380	Brake Position Sensor Signal	II	-
27	-	-	-	Not Occupied	-	-

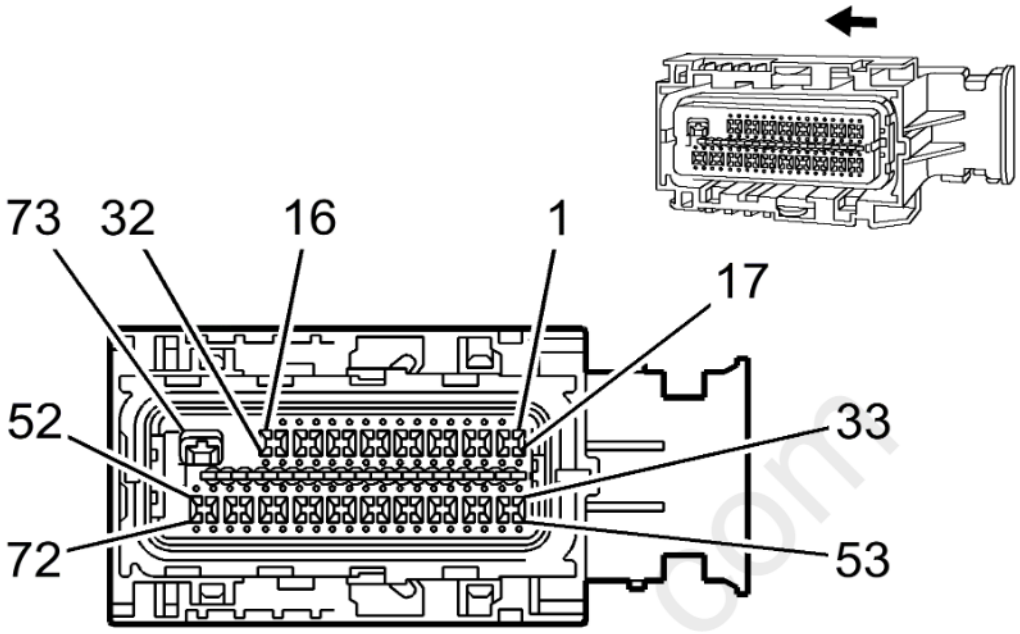
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
28	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
29	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	II	-
30	0.5	L-GN/WH	492	Mass Air Flow Sensor Signal	II	-
31	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	II	-
32 - 33	-	-	-	Not Occupied	-	-
34	0.5	GY	5127	After Boil Heater Relay Control	II	-
35 - 37	-	-	-	Not Occupied	-	-
38	0.5	D-BU/WH	890	Fuel Tank Pressure Sensor Signal	II	-
39	0.5	BN/GY	4008	Humidity Sensor Signal	II	-
40 - 43	-	-	-	Not Occupied	-	-
44	0.5	BK/WH	2151	Signal Ground	II	-
45	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	II	-
46	0.5	GY	4109	Driver Mode Switch 5V Reference	II	-
47	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	II	-
48	-	-	-	Not Occupied	-	-
49	0.5	VT/D-BU	5292	Powertrain Main Relay Fused Supply 3	II	-
50	0.5	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	II	-
51	0.5	VT/YE	5985	Accessory Wakeup Serial Data	II	-
52	0.5	RD/WH	140	Battery Positive Voltage	II	-
53	-	-	-	Not Occupied	-	-
54	0.5	WH	1310	EVAP Canister Vent Solenoid Control	II	-
55	-	-	-	Not Occupied	-	-
56	0.5	YE	4063	Hood Status A Signal	II	-
57 - 63	-	-	-	Not Occupied	-	-
64	0.5	D-BU/GY	636	Outside Ambient Air Temperature Sensor Signal	II	-
65	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	II	-
66	0.5	WH/VT	4108	Driver Mode Switch Signal	II	-
67	0.5	L-GN	380	A/C Refrigerant Pressure Sensor Signal	II	-
68	-	-	-	Not Occupied	-	-
69	0.5	GY	5660	Fuel Pump Controller Data Out Signal	II	-
70	0.5	YE/VT	4325	Starter Pinion Solenoid Relay Control	II	-
71	0.5	VT/L-GN	439	Run/Crank Ignition 1 Voltage	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
72	0.5	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	II	-
73	2	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	II	-

K20 ENGINE CONTROL MODULE X1 (LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191431
- Service Connector: 13574946
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	II	-
6	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	II	-
7	0.5	BK/D-BU	1271	Accelerator Pedal Position Low Reference 1	II	-
8	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	II	-

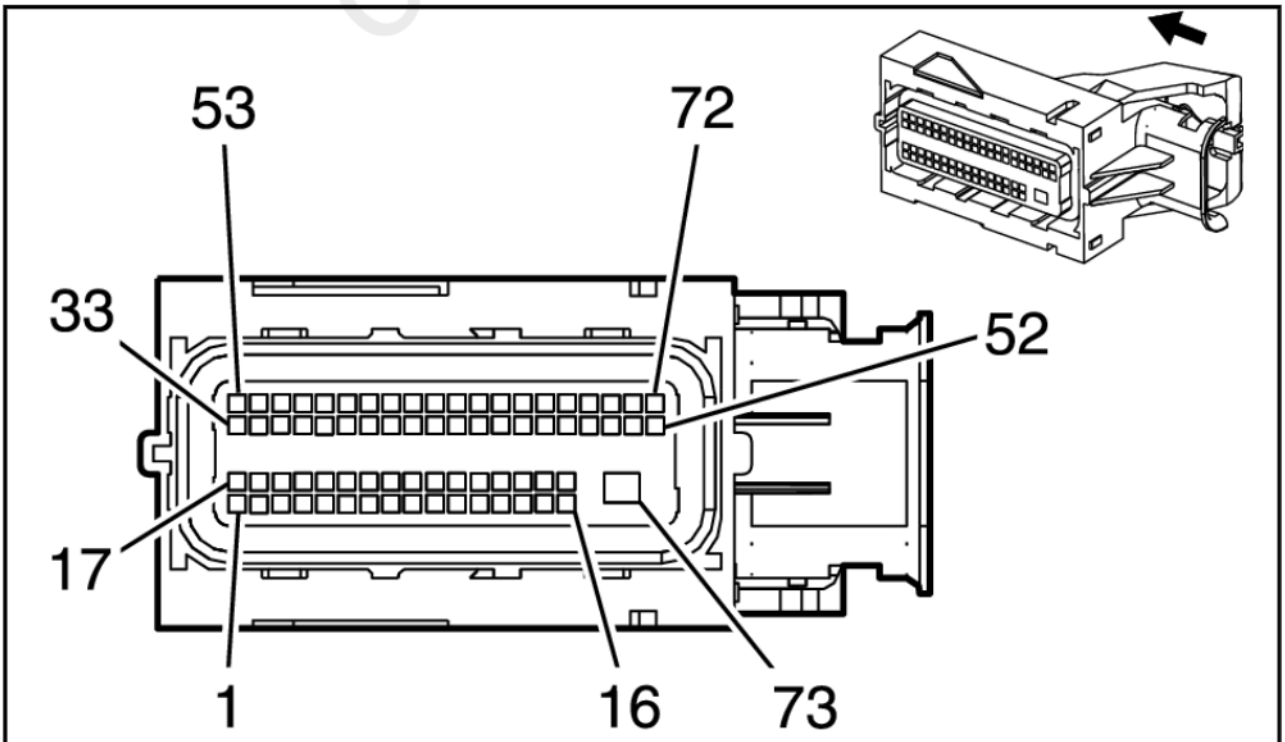
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	BK/YE	5382	Brake Position Sensor Low Reference	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
13	0.5	WH/D-BU	6311	Cruise/ETC/TCC Brake Signal	II	-
14	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	II	-
15	0.5	YE	5991	Powertrain Relay Coil Control	II	-
16	0.5	BN/WH	419	Check Engine Indicator Control	II	-
17	0.5	WH	2368	Cooling Fan Control Signal	II	-
18 - 20	-	-	-	Not Occupied	-	-
21	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	II	-
22	0.5	L-GN/WH	1162	Accelerator Pedal Position Signal 2	II	-
23	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	II	-
24	0.5	D-BU/BK	7493	High Speed GMLAN Serial Data (+)3	II	-
25	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	II	-
26	0.5	WH/L-GN	5380	Brake Position Sensor Signal	II	-
27	-	-	-	Not Occupied	-	-
28	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
29	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	II	-
30	0.5	L-GN/WH	492	Mass Air Flow Sensor Signal	II	-
31	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	II	-
32 - 33	-	-	-	Not Occupied	-	-
34	0.5	GY	5127	After Boil Heater Relay Control	II	-
35 - 37	-	-	-	Not Occupied	-	-
38	0.5	D-BU/WH	890	Fuel Tank Pressure Sensor Signal	II	-
39	0.5	BN/GY	4008	Humidity Sensor Signal	II	-
40 - 43	-	-	-	Not Occupied	-	-
44	0.5	BK/WH	2151	Signal Ground	II	-
45	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	II	-
46	0.5	GY	4109	Driver Mode Switch 5V Reference	II	-
47	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	II	-
48	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
49	0.5	VT/D-BU	5292	Powertrain Main Relay Fused Supply 3	II	-
50	0.5	VT	5291	Powertrain Main Relay Fused Supply 2	II	-
51	0.5	VT/YE	5985	Accessory Wakeup Serial Data	II	-
52	0.5	RD/BN	440	Battery Positive Voltage	II	-
53	-	-	-	Not Occupied	-	-
54	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	-
55	-	-	-	Not Occupied	-	-
56	0.5	YE	4063	Hood Status A Signal	II	-
57 - 63	-	-	-	Not Occupied	-	-
64	0.5	D-BU/GY	636	Outside Ambient Air Temperature Sensor Signal	II	-
65	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	II	-
66	0.5	WH/VT	4108	Driver Mode Switch Signal	II	-
67	0.5	L-GN	380	A/C Refrigerant Pressure Sensor Signal	II	-
68	-	-	-	Not Occupied	-	-
69	0.5	GY	5660	Fuel Pump Controller Data Out Signal	II	-
70	0.5	YE/VT	4325	Starter Pinion Solenoid Relay Control	II	-
71	0.5	VT/L-GN	439	Run/Crank Ignition 1 Voltage	II	-
72	0.5	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	II	-
73	2	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	I	-

K20 ENGINE CONTROL MODULE X1 (LTG+HP9)



Connector Part Information

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- Harness Type: Engine
- OEM Connector: 13649839
- Service Connector: 13574946
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19333308	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 6	-	-	-	Not Occupied	-	-
7	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
8	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
9	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
10	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
11	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
12	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-
13	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
14	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	I	-
15	0.5	RD/BN	440	Battery Positive Voltage	I	-
16	0.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	GY/RD	3053	Turbo Intake Pressure Sensor High Reference Bank 1	I	-
19 - 24	-	-	-	Not Occupied	-	-
25	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-
26	-	-	-	Not Occupied	-	-
27	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-
28	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
29 - 32	-	-	-	Not Occupied	-	-
33	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	I	-
34	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-
35 - 36	-	-	-	Not Occupied	-	-

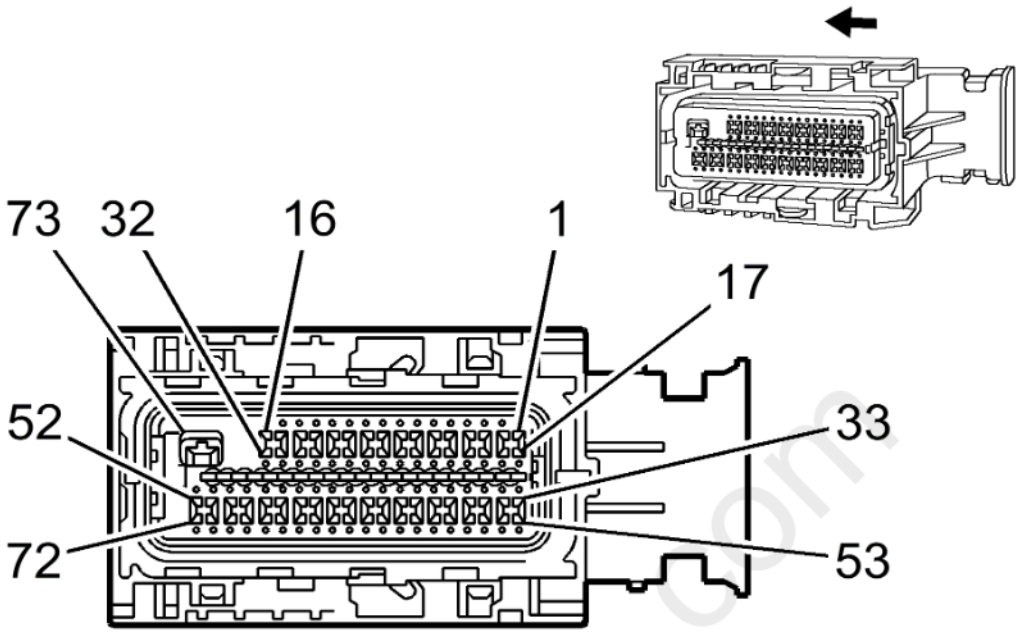
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
37	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
38	0.5	GY	4109	Driver Mode Switch 5V Reference	I	-
39 - 40	-	-	-	Not Occupied	-	-
41	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BN/RD	3724	EVAP Leak Check Module (ELCM) Pressure Sensor 5V Reference	I	-
44	-	-	-	Not Occupied	-	-
45	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
46 - 47	-	-	-	Not Occupied	-	-
48	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
49	-	-	-	Not Occupied	-	-
50	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	I	-
51	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-
52	0.5	BU/VT	2364	Cooling Fan Speed Signal	I	-
53	-	-	-	Not Occupied	-	-
54	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	I	-
55 - 56	-	-	-	Not Occupied	-	-
57	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-
58	0.5	WH/VT	4108	Driver Mode Switch Signal	I	-
59	-	-	-	Not Occupied	-	-
60	0.5	BN/GY	4008	Humidity Sensor Signal	I	-
61	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-
62	-	-	-	Not Occupied	-	-
63	0.5	BU/GN	3725	Evap Leak Check Module (ELCM) Pressure Sensor Signal	I	-
64	0.5	GY	5660	Fuel Pump Controller Data Out Signal	I	-
65	0.5	GY	3723	Evap Leak Check Module (ELCM) Changeover Valve Ground	I	-
66	-	-	-	Not Occupied	-	-
67	0.5	YE	5991	Powertrain Relay Coil Control	I	-
68	0.5	GN	3726	Diurnal Control Valve (DCV) Ground	I	-
69 - 70	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
71	0.35	BN/WH	419	Check Engine Indicator Control	I	-
72	-	-	-	Not Occupied	-	-
73	2	VT/BU	5290	Powertrain Main Relay Fused Supply 1	II	-

K20 ENGINE CONTROL MODULE X1 (LTG+KL9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191431
- Service Connector: 13574946
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	H	H
III	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 6	-	-	-	Not Occupied	-	-
7	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	III	-
8	0.5	D-BU/BK	7493	High Speed GMLAN Serial Data (+) 3	III	-
9	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	III	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
11	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	III	-
12	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	III	-
13	0.5	VT/YE	5985	Accessory Wakeup Serial Data	III	-
14	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	III	-
15	0.5	RD/BN	440	Battery Positive Voltage	III	-
16	0.5	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	III	-
17	0.35	YE	4063	Hood Status A Signal	II	-
18	0.5	GY/RD	3053	Turbo Intake Pressure Sensor High Reference Bank 1	III	-
19 - 24	-	-	-	Not Occupied	-	-
25	0.5	BK/YE	5382	Brake Position Sensor Low Reference	III	-
26	-	-	-	Not Occupied	-	-
27	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	III	-
28	0.5	BK/D-BU	1271	Accelerator Pedal Position Low Reference 1	III	-
29 - 31	-	-	-	Not Occupied	-	-
32	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	III	-
33	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	III	-
34	0.5	GN/WH	492	Mass Air Flow Sensor Signal	III	-
35 - 36	-	-	-	Not Occupied	-	-
37	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	III	-
38	0.5	GY	4109	Driver Mode Switch 5V Reference	III	-
39 - 40	-	-	-	Not Occupied	-	-
41	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	III	-
42 - 43	-	-	-	Not Occupied	-	-
44	0.35	YE/VT	4325	Starter Pinion Solenoid Relay Control	II	-
45	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	III	-
46	-	-	-	Not Occupied	-	-
47	0.35	D-BU/GY	636	Outside Ambient Air Temperature Sensor Signal	II	-
48	0.5	WH/D-BU	6289	Induction Air Temperature Sensor Signal	III	-
49	0.35	WH/GY	1786	Transmission Park/Neutral Signal 1	II	-

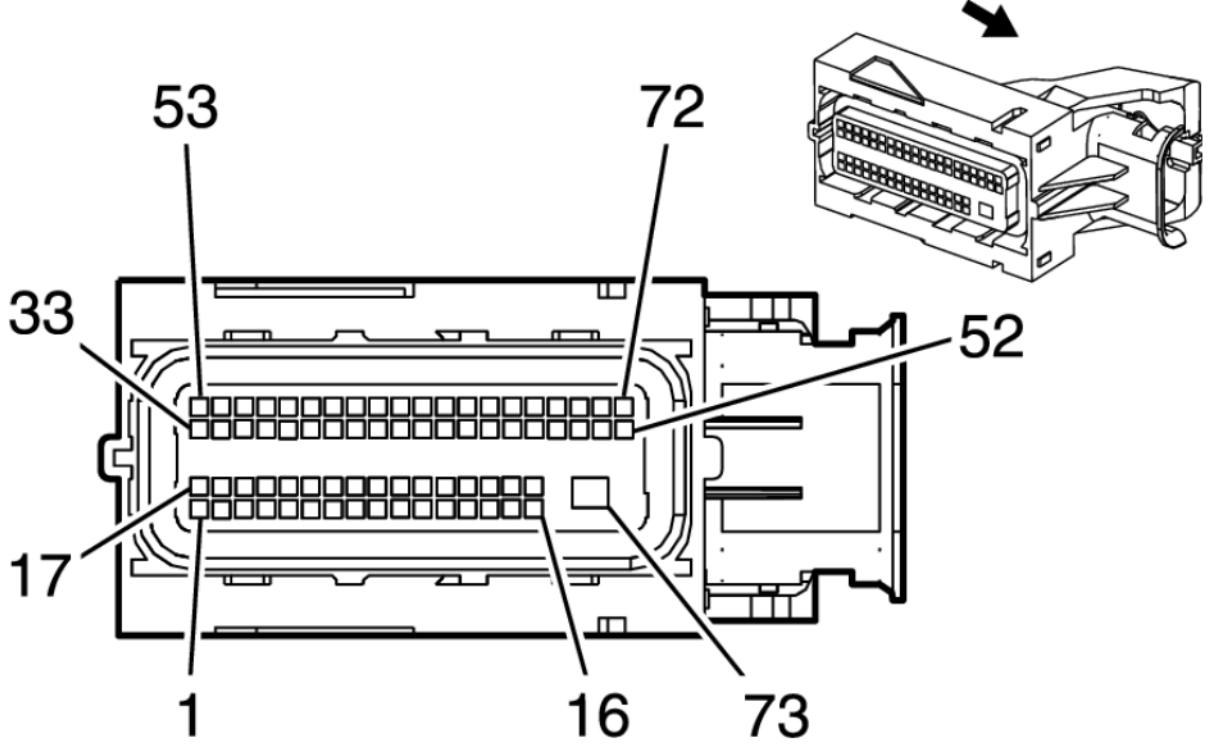
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
50	0.5	WH/D-BU	6311	Cruise/ETC/TCC Brake Signal	III	-
51	0.5	VT/D-BU	5291	Powertrain Main Relay Fused Supply 2	III	-
52	0.35	WH	2368	Cooling Fan Control Signal	II	-
53	-	-	-	Not Occupied	-	-
54	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	III	-
55 - 56	-	-	-	Not Occupied	-	-
57	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	III	-
58	0.5	WH/VT	4108	Driver Mode Switch Signal	III	-
59	-	-	-	Not Occupied	-	-
60	0.5	BN/GY	4008	Humidity Sensor Signal	III	-
61	0.5	WH/GN	5380	Brake Position Sensor Signal	III	-
62 - 63	-	-	-	Not Occupied	-	-
64	0.5	GY	5660	Fuel Pump Controller Data Out Signal	III	-
65	0.5	WH	1310	EVAP Canister Vent Solenoid Control	III	-
66	0.35	GY	5127	After Boil Heater Relay Control	I	-
67	0.5	YE	5991	Powertrain Relay Coil Control	III	-
68 - 69	-	-	-	Not Occupied	-	-
70	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	III	-
71	0.35	BN/WH	419	Check Engine Indicator Control	II	-
72	-	-	-	Not Occupied	-	-
73	2	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	I	-

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K20 ENGINE CONTROL MODULE X2 (LGW)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191430
- Service Connector: 13574947
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

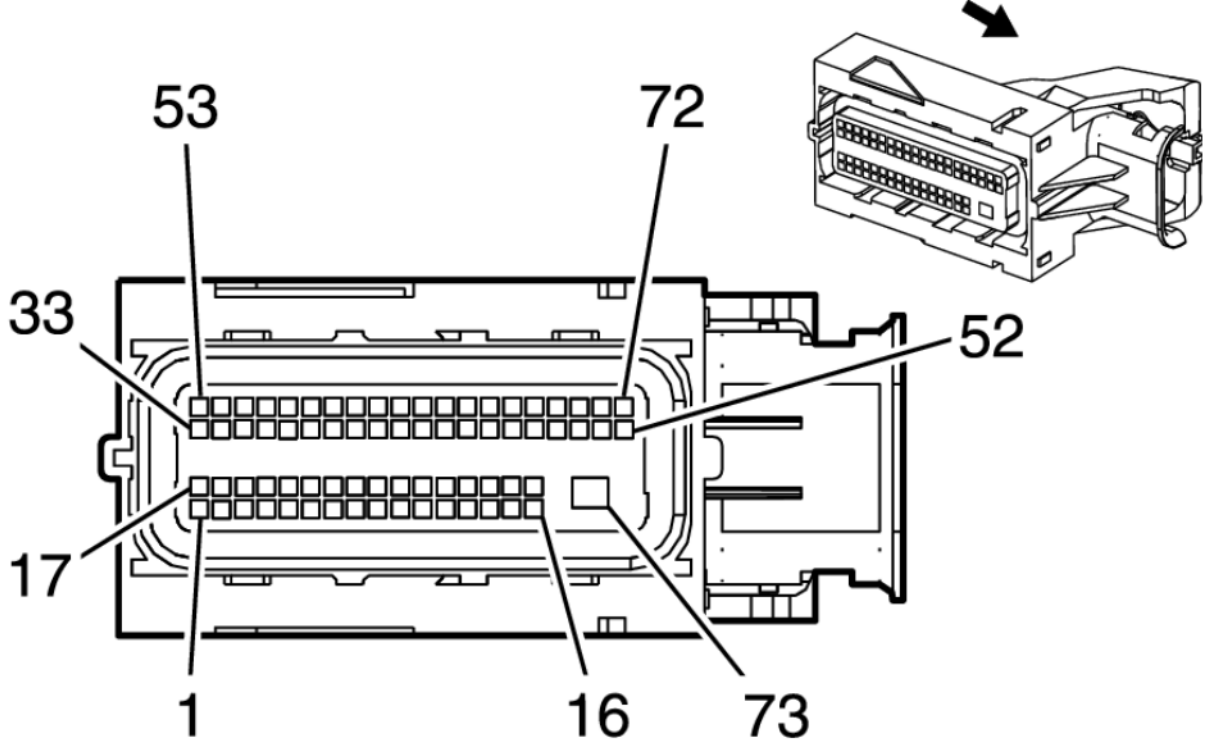
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	II	-
2	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	II	-
3 - 6	-	-	-	Not Occupied	-	-
7	0.5	L-GN/VT	4621	Local Interconnect Network Serial Data Bus 21	II	-
8	-	-	-	Not Occupied	-	-
9	0.5	BN/L-GN	1174	Oil Level Switch Signal	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	YE/BN	331	Oil Pressure Sensor Signal	II	-
12	0.5	BK/WH	2051	Signal Ground	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	BN/VT	5278	Heated Oxygen Sensor Input Pump Current Bank 1 Sensor 1	II	-
14	0.5	WH	5279	Heated Oxygen Sensor Pump Current Bank 1 Sensor 1	II	-
15	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	II	-
16	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	II	-
17 - 20	-	-	-	Not Occupied	-	-
21	0.5	D-BU/WH	1937	Secondary Fuel Level Sensor Signal	II	-
22	0.5	D-BU/VT	1589	Primary Fuel Level Sensor Signal	II	-
23 - 26	-	-	-	Not Occupied	-	-
27	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	II	-
28	0.5	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	II	-
29	0.5	YE	5280	Heated Oxygen Sensor Input Pump Current Bank 2 Sensor 1	II	-
30	0.5	VT/GY	5281	Heated Oxygen Sensor Pump Current Bank 2 Sensor 1	II	-
31	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	II	-
32	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	II	-
33 - 36	-	-	-	Not Occupied	-	-
37	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	II	-
38	0.5	YE/D-BU	3221	Heated Oxygen Sensor Low Signal Bank 2 Sensor 2	II	-
39	0.5	BK/YE	1716	Knock Sensor Low Reference 1	II	-
40	0.5	BK/GY	2303	Knock Sensor Low Reference 2	II	-
41	-	-	-	Not Occupied	-	-
42	0.5	VT/D-BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	II	-
43	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
44 - 45	-	-	-	Not Occupied	-	-
46	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	II	-
47	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	II	-
48	0.5	BK/L-GN	469	Manifold Absolute Pressure Sensor Low Reference	II	-
49 - 51	-	-	-	Not Occupied	-	-
52	0.5	BN/WH	582	Throttle Actuator Control Close	II	-
53 - 56	-	-	-	Not Occupied	-	-
57	0.5	VT/D-BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	II	-
58	0.5	VT/L-GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	II	-
59	0.5	VT/GY	496	Knock Sensor Signal 1	II	-
60	0.5	WH/GY	1876	Knock Sensor Signal 2	II	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	II	-
64 - 66	-	-	-	Not Occupied	-	-
67	0.5	L-GN/WH	432	Manifold Absolute Pressure Sensor Signal	II	-
68 - 69	-	-	-	Not Occupied	-	-
70	0.5	WH/D-BU	6289	Induction Air Temperature Sensor Signal	I	-
71	-	-	-	Not Occupied	-	-
72	0.5	YE	581	Throttle Actuator Control Open	II	-
73	2	BK/WH	451	Signal Ground	I	-

K20 ENGINE CONTROL MODULE X2 (LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191430
- Service Connector: 13574947
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	II	-
2	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	II	-
3 - 6	-	-	-	Not Occupied	-	-
7	0.5	L-GN/VT	4621	Local Interconnect Network Serial Data Bus 21	II	-
8	-	-	-	Not Occupied	-	-
9	0.5	BN/L-GN	1174	Oil Level Switch Signal	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	WH	311	Right Headlamp High Beam Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	II	-
13 - 16	-	-	-	Not Occupied	-	-
17	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	II	-
18	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	II	-
19 - 20	-	-	-	Not Occupied	-	-
21	0.5	D-BU/WH	1937	Secondary Fuel Level Sensor Signal	II	-
22	0.5	D-BU/VT	1589	Primary Fuel Level Sensor Signal	II	-
23 - 26	-	-	-	Not Occupied	-	-
27	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	II	-
28	0.5	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	II	-
29 - 34	-	-	-	Not Occupied	-	-
35	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	II	-
36	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	II	-
37	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	II	-
38	0.5	YE/D-BU	3221	Heated Oxygen Sensor Low Signal Bank 2 Sensor 2	II	-
39	0.5	BK/YE	1716	Knock Sensor Low Reference 1	II	-
40	0.5	BK/GY	2303	Knock Sensor Low Reference 2	II	-
41	-	-	-	Not Occupied	-	-
42	0.5	YE/WH	3200	Throttle Inlet Absolute Pressure Sensor Signal	II	-
43	0.5	WH/RD	3201	Throttle Inlet Absolute Pressure Sensor 5V Reference	II	-
44 - 45	-	-	-	Not Occupied	-	-
46	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	II	-
47	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	II	-
48	0.5	BK/L-GN	469	Manifold Absolute Pressure Sensor Low Reference	II	-

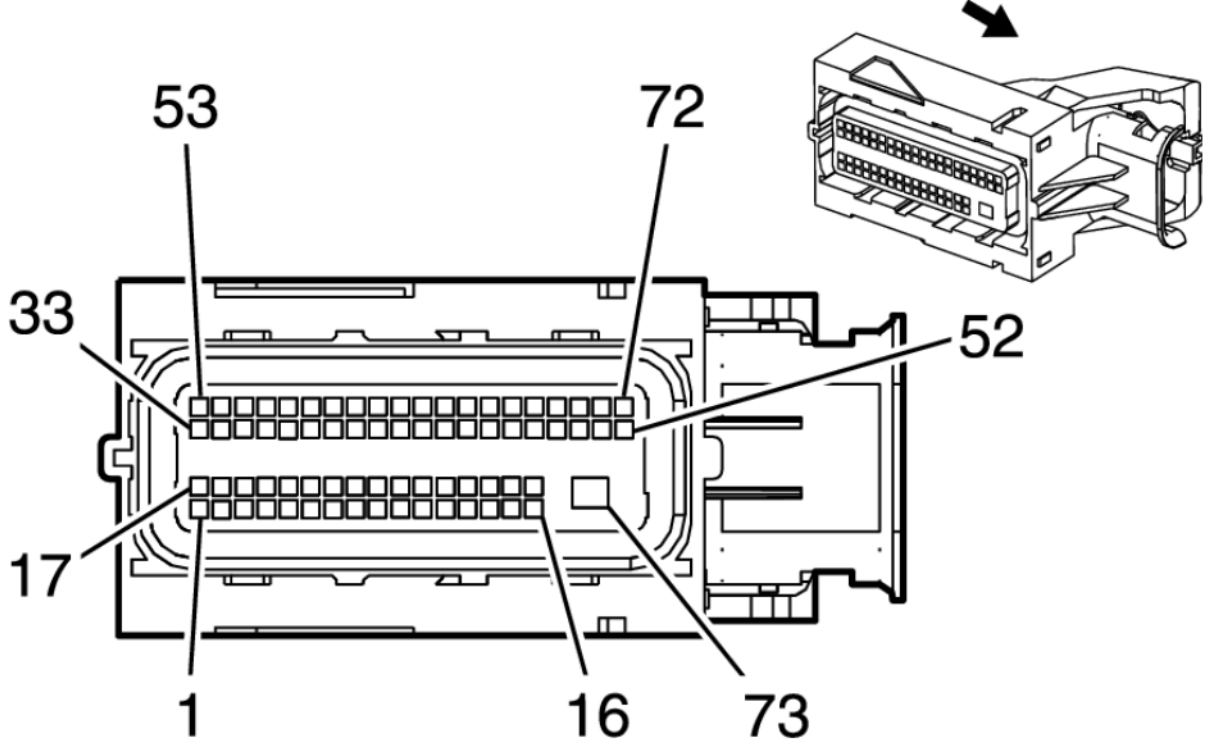
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
49 - 50	-	-	-	Not Occupied	-	-
51	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	II	-
52	0.5	BN/WH	582	Throttle Actuator Control Close	II	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	II	-
56	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	II	-
57	0.5	VT/D-BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	II	-
58	0.5	VT/L-GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	II	-
59	0.5	VT/GY	496	Knock Sensor Signal 1	II	-
60	0.5	WH/GY	1876	Knock Sensor Signal 2	II	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	II	-
64 - 66	-	-	-	Not Occupied	-	-
67	0.5	L-GN/WH	432	Manifold Absolute Pressure Sensor Signal	II	-
68 - 69	-	-	-	Not Occupied	-	-
70	0.5	WH/D-BU	6289	Induction Air Temperature Sensor Signal	II	-
71	-	-	-	Not Occupied	-	-
72	0.5	YE	581	Throttle Actuator Control Open	I	-
73	2	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X2 (LTG+HP9)



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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13529937
- Service Connector: 13574947
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19333308	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	I	-
5	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
6	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
7	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
8	-	-	-	Not Occupied	-	-
9	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
10 - 11	-	-	-	Not Occupied	-	-

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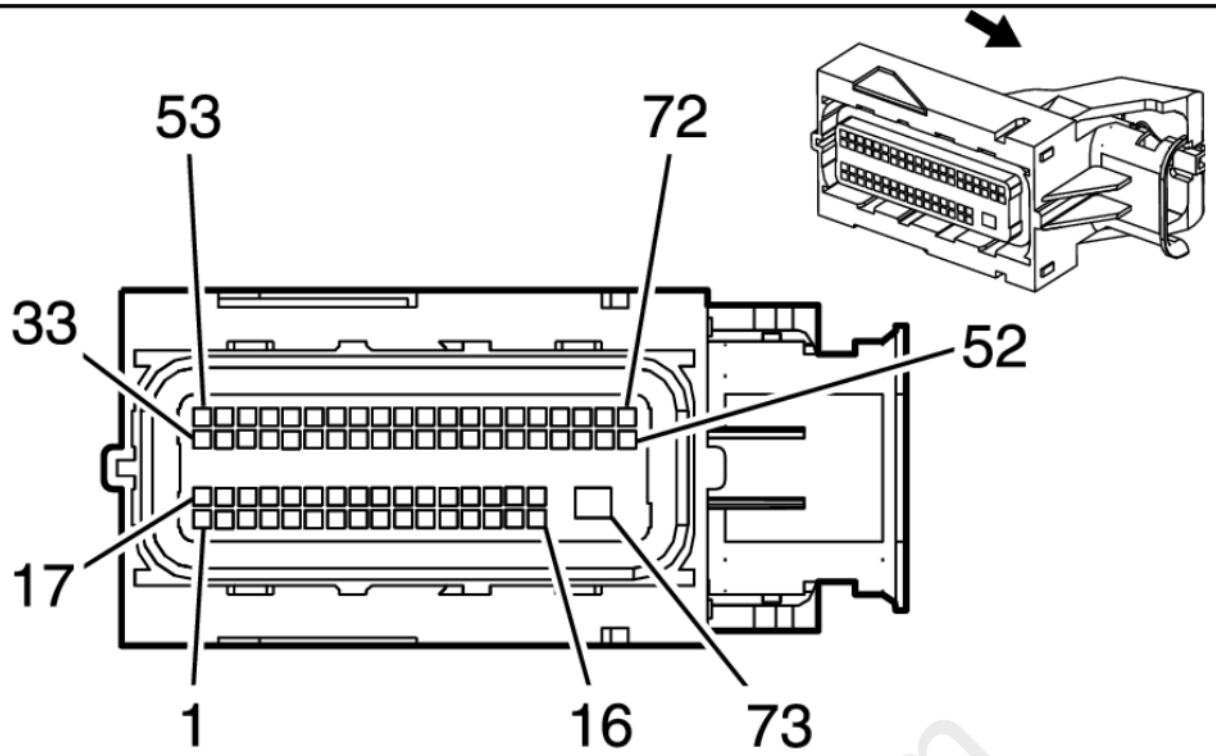
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
13	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
14	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	I	-
15	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
16 - 19	-	-	-	Not Occupied	-	-
20	0.5	BU/WH	7446	Fuel Line Pressure Sensor Signal	I	-
21	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-
22	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
23	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
24	-	-	-	Not Occupied	-	-
25	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
26	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
27	-	-	-	Not Occupied	-	-
28	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
29	0.5	YE/BN	331	Oil Pressure Sensor Signal	I	-
30	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	I	-
31	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
32	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-
33	-	-	-	Not Occupied	-	-
34	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
35	-	-	-	Not Occupied	-	-
36	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-
37	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-
38	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-
39	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
40	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-
41	0.5	GN/BK	3633	Camshaft Position Sensor Replicated Signal	I	-
42	0.5	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
43	0.5	BK/WH	2051	Signal Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
44	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
45	0.5	GN/BU	2123	Ignition Control 3	I	-
46	0.5	BU/VT	2121	Ignition Control 1	I	-
47	-	-	-	Not Occupied	-	-
48	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
49	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
50	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
51	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
52	0.5	YE	581	Throttle Actuator Control Open	I	-
53	-	-	-	Not Occupied	-	-
54	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-
55	-	-	-	Not Occupied	-	-
56	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
57	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
58 - 59	-	-	-	Not Occupied	-	-
60	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-
64	0.5	BU	179	Oil Pump Command Signal	I	-
65	0.5	BU/WH	2122	Ignition Control 2	I	-
66	0.5	YE/BU	2124	Ignition Control 4	I	-
67	-	-	-	Not Occupied	-	-
68	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-
69	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-
70	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-
71	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-
72	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
73	2	BK/WH	451	Signal Ground	II	-

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K20 ENGINE CONTROL MODULE X2 (LTG+KL9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33247279
- Service Connector: 88988931
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	I	-
5	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
6	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
7	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
8	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
13	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
14	0.5	WH/RD	2705	Oil Pressure Sensor 5V Reference	I	-
15	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
16 - 19	-	-	-	Not Occupied	-	-
20	0.5	BU/WH	7446	Fuel Line Pressure Sensor Signal	I	-
21	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-
22	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
23	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
24	-	-	-	Not Occupied	-	-
25	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
26	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
27	-	-	-	Not Occupied	-	-
28	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
29	0.5	YE/BN	331	Oil Pressure Sensor Signal	I	-
30	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	I	-
31	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
32	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-
33	-	-	-	Not Occupied	-	-
34	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
35	-	-	-	Not Occupied	-	-
36	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-
37	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-
38	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-
39	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
40	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-

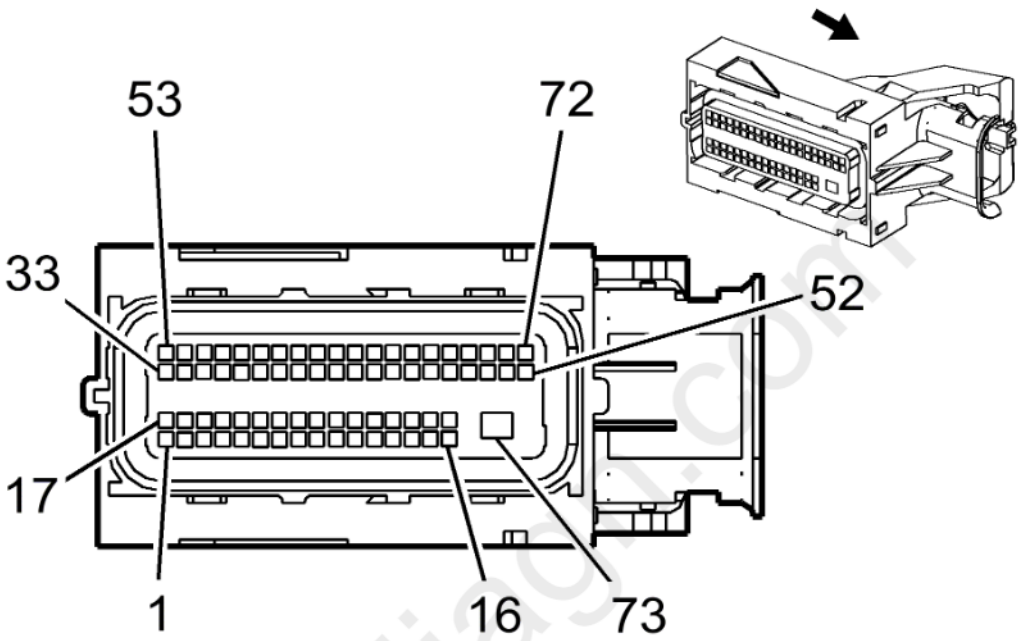
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
41	0.5	GN/BK	3633	Camshaft Position Sensor Replicated Signal	I	-
42	0.5	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
43	0.5	BK/WH	2051	Signal Ground	I	-
44	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
45	0.5	GN/BU	2123	Ignition Control 3	I	-
46	0.5	BU/VT	2121	Ignition Control 1	I	-
47	-	-	-	Not Occupied	-	-
48	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
49	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
50	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
51	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
52	0.5	YE	581	Throttle Actuator Control Open	I	-
53	-	-	-	Not Occupied	-	-
54	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-
55	-	-	-	Not Occupied	-	-
56	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
57	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
58 - 59	-	-	-	Not Occupied	-	-
60	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-
64	0.5	BU	179	Oil Pump Command Signal	I	-
65	0.5	BU/WH	2122	Ignition Control 2	I	-
66	0.5	YE/BU	2124	Ignition Control 4	I	-
67	-	-	-	Not Occupied	-	-
68	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-
69	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
70	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-
71	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-
72	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
73	2	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X3 (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33168054
- Service Connector: 19333330
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579770	J-35616-35 (VT)	J-38125-11A	7116-4152-02	Yazaki 9	2	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	L-GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	I	-

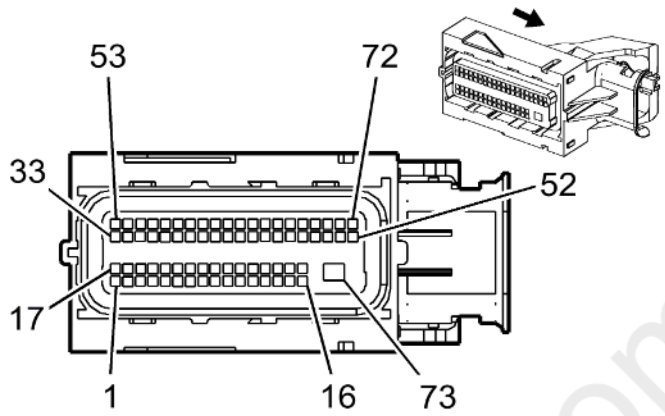
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.5	L-GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-
3	0.5	D-BU/WH	3607	Supercharger Intercooler Pump Relay Control	I	-
4 - 16	-	-	-	Not Occupied	-	-
17	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
18	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-
19	0.5	WH/GY	3218	Boost Pressure Solenoid 2 Control	I	-
20 - 29	-	-	-	Not Occupied	-	-
30	0.5	YE/BK	7337	Mass Air Flow Sensor Signal 2	I	-
31 - 32	-	-	-	Not Occupied	-	-
33	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	I	-
34 - 36	-	-	-	Not Occupied	-	-
37	0.5	D-BU/RD	3056	Turbo Intake Pressure Sensor High Reference Bank 2	I	-
38	0.5	GY/RD	3053	Turbo Intake Pressure Sensor High Reference Bank 1	I	-
39 - 41	-	-	-	Not Occupied	-	-
42	0.5	WH/D-BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
43	0.5	BK/VT	2755	Oil Pressure Sensor Low Reference	I	-
44 - 56	-	-	-	Not Occupied	-	-
57	0.5	L-GN	3057	Turbo Intake Pressure Sensor Signal Bank 2	I	-
58	0.5	YE	3054	Turbo Intake Pressure Sensor Signal Bank 1	I	-
59 - 67	-	-	-	Not Occupied	-	-
68	0.5	VT	3059	Turbo Waste Gate Solenoid Control Bank 2	I	-
69	0.5	YE	3058	Turbo Waste Gate Solenoid Control Bank 1	I	-
70 - 72	-	-	-	Not Occupied	-	-
73	2	VT/D-BU	5290	Powertrain Main Relay Fused Supply 1	II	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

K20 ENGINE CONTROL MODULE X3 (LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13529956
- Service Connector: 13574948
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with NA Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	L-GN	5492	Cylinder Shutoff Solenoid Control 2	II	-
2	0.5	D-BU	5491	Cylinder Shutoff Solenoid Control 1	II	-
3	0.5	L-GN/BN	5298	Camshaft Position Exhaust Sensor Control 2	II	-
4	0.5	YE	5276	Camshaft Position Intake Sensor 2	II	-
5	0.5	WH/BU	5302	Camshaft Position Intake Sensor Control 2	II	-
6	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.5	L-GN	6271	Crankshaft 60X Sensor Signal	II	-
8	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	II	-
9	0.5	VT/D-BU	6091	Crankshaft Position Sensor Replicated Signal	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	II	-
12	0.5	BN/D-BU	2126	Ignition Control 6	II	-
13	0.5	D-BU/GY	2125	Ignition Control 5	II	-
14	0.5	YE/D-BU	2124	Ignition Control 4	II	-
15	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	II	-
16	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	II	-
17	0.5	YE/L-GN	4321	Park Phaser Lock Control	II	-
18	0.5	GY/L-GN	587	Skip/Shift Solenoid Control	II	-
19	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	II	-
20	0.5	VT/D-BU	5274	Camshaft Position Exhaust Sensor 2	II	-
21	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	II	-
22	0.5	WH	6272	Crankshaft 60X Sensor Low Reference	II	-
23	0.5	D-BU/WH	3630	Throttle Position Sensor (SENT1) Signal	II	-
24	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	II	-
25	0.5	L-GN/BK	3633	Camshaft Position Sensor Replicated Signal	II	-
26	0.5	BN	25	Charge Indicator Control	II	-
27	-	-	-	Not Occupied	-	-
28	0.5	L-GN/D-BU	2123	Ignition Control 3	II	-
29	0.5	D-BU/WH	2122	Ignition Control 2	II	-
30	0.5	D-BU/VT	2121	Ignition Control 1	II	-
31	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	II	-
32	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	II	-
33	0.5	L-GN/BU	428	EVAP Canister Purge Solenoid Control	II	-

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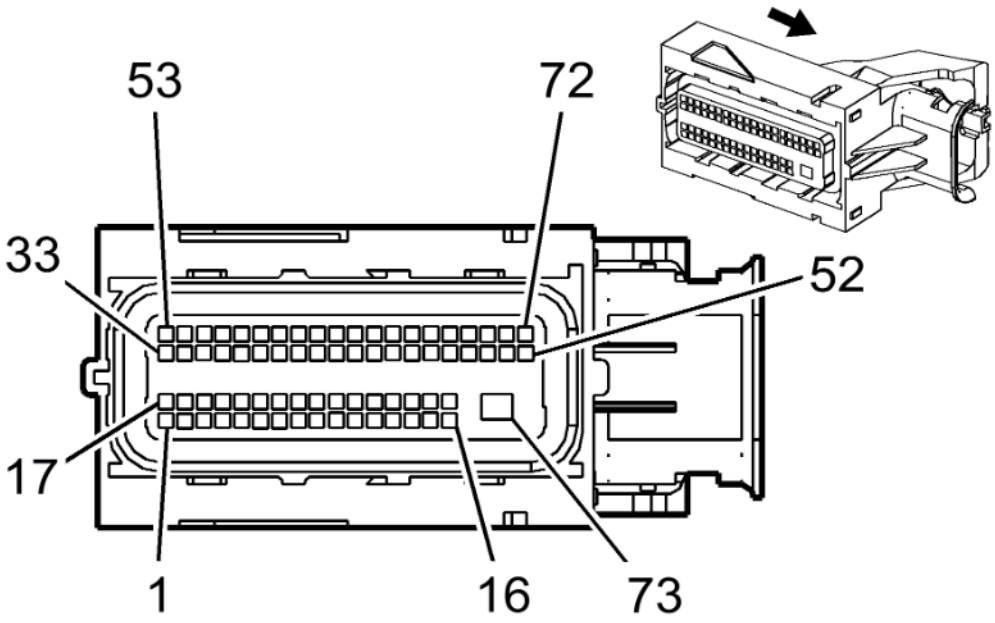
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
34	0.5	D-BU	179	Oil Pump Command Signal	II	-
35	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	II	-
36	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	II	-
37	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	II	-
38	0.5	D-BU	410	Engine Coolant Temperature Sensor Signal	II	-
39	0.5	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	II	-
40	0.5	GY	2917	Fuel Rail Pressure Sensor 5V Reference	II	-
41	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	II	-
42	-	-	-	Not Occupied	-	-
43	0.5	BK/D-BU	6755	Cam Phaser Y Low Reference	II	-
44	0.5	GN	5272	Camshaft Phaser Intake Solenoid 2	II	-
45	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	II	-
46	0.5	BK/BN	6753	Cam Phaser W Low Reference	II	-
47	0.75	WH/L-GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	II	-
48	0.75	D-BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	II	-
49	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	II	-
50	0.75	GY/D-BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	II	-
51	0.75	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	II	-
52	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	II	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	GY/D-BU	5300	Camshaft Position Intake Sensor Control 1	II	-
56	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	II	-
57	0.5	BK/L-GN	5301	Camshaft Position Intake Sensor Low Reference 1	II	-
58	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
59	0.5	BU/WH	7446	Fuel Line Pressure Sensor Signal	I	-
60	0.5	YE	2918	Fuel Rail Pressure Sensor Signal	I	-
61	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
62	-	-	-	Not Occupied	-	-
63	0.5	BK/GY	6756	Cam Phaser Z Low Reference	II	-
64	0.5	L-GN/BN	5283	Camshaft Phaser Exhaust Solenoid 2	II	-
65	0.5	GY/D-BU	5282	Camshaft Phaser Exhaust Solenoid 1	II	-
66	0.5	BK/VT	6754	Cam Phaser X Low Reference	II	-
67	0.75	L-GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	II	-
68	0.75	D-BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	II	-
69	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	II	-
70	0.75	D-BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	II	-
71	0.75	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	II	-
72	0.75	L-GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	II	-
73	2	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X3 (LTG+HP9)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13529956
- Service Connector: 13574948
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19333308	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-
5	0.5	BU	3722	EVAP Leak Check Module (ELCM) Vacuum Pump Ground	I	-
6	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
7	-	-	-	Not Occupied	-	-

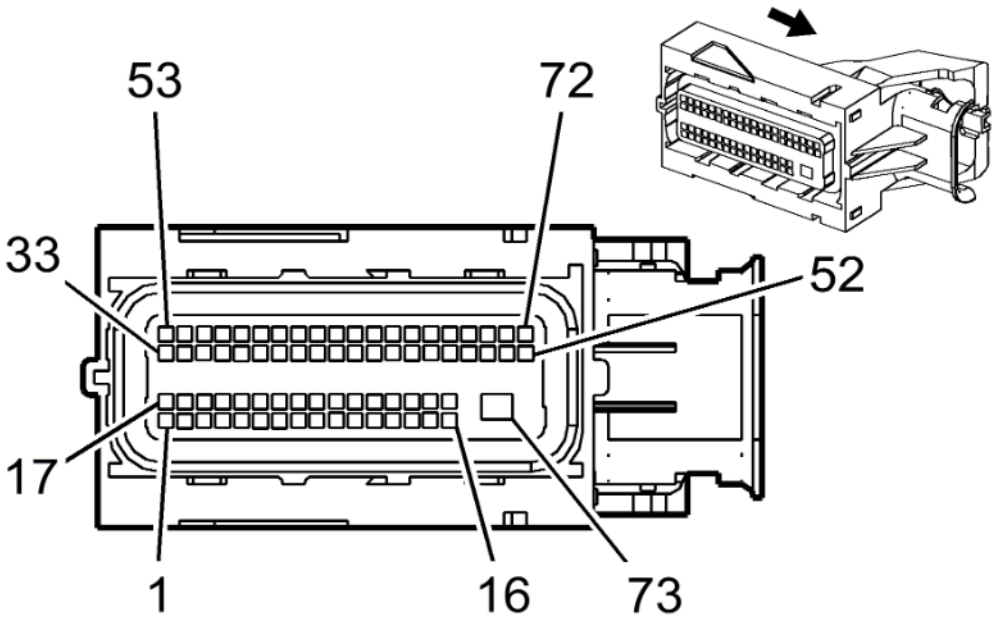
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	I	-
9 - 13	-	-	-	Not Occupied	-	-
14	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	I	-
15	-	-	-	Not Occupied	-	-
16	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	BN	25	Charge Indicator Control	I	-
19	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
20	0.5	BK/WH	2151	Signal Ground	I	-
21	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
22	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
23 - 29	-	-	-	Not Occupied	-	-
30	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	I	-
31 - 34	-	-	-	Not Occupied	-	-
35	0.5	GN	6935	Heated Oxygen Sensor Current Adjust Signal	I	-
36	0.5	YE/GY	6936	Heated Oxygen Sensor Collector Signal	I	-
37	0.5	BN/WH	6933	Heated Oxygen Sensor Current Pump Signal	I	-
38	0.5	BN	6934	Heated Oxygen Sensor Ground	I	-
39	-	-	-	Not Occupied	-	-
40	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-
41	0.5	BN/GN	1174	Oil Level Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
44	0.5	BU/WH	1937	Secondary Fuel Level Sensor Signal	I	-
45	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
46	0.5	VT/BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	I	-
47	0.5	WH/BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
48	0.5	YE	3054	Turbo Intake Pressure Sensor Signal Bank 1	I	-
49 - 51	-	-	-	Not Occupied	-	-
52	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
56 - 58	-	-	-	Not Occupied	-	-
59	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-
60	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
61	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-
62	0.5	VT/GY	496	Knock Sensor Signal 1	I	-
63 - 67	-	-	-	Not Occupied	-	-
68	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	I	-
69 - 71	-	-	-	Not Occupied	-	-
72	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-
73	2	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X3 (LTG+KL9)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33191427
- Service Connector: 13574948
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4

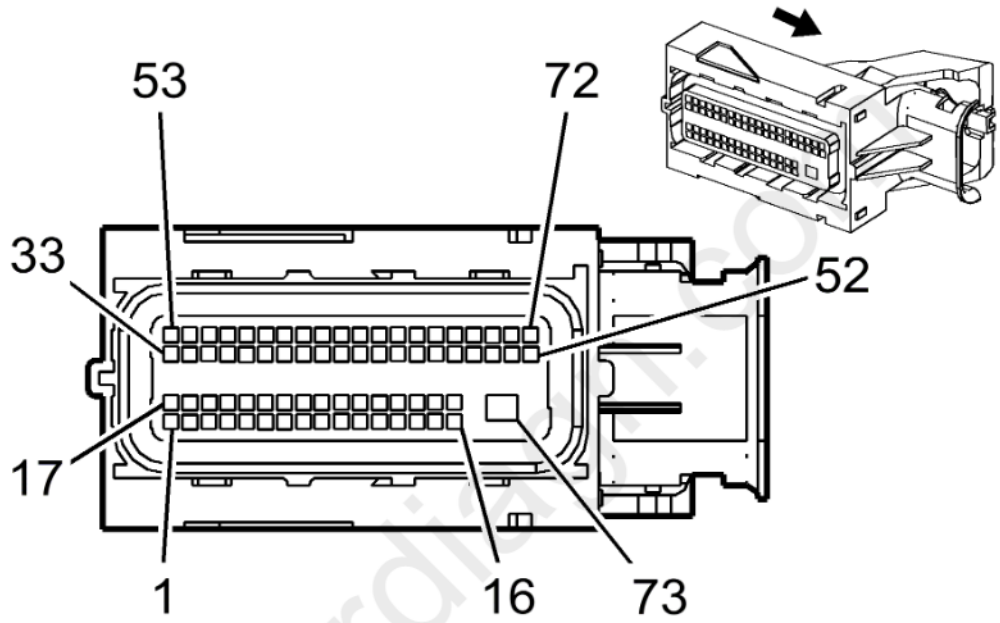
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	I	-
9 - 13	-	-	-	Not Occupied	-	-
14	0.5	GY/RD	7331	Pre Throttle Air Temp and Press (TMAP) 5V Reference	I	-
15	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
17	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	I	-
18	0.5	BN	25	Charge Indicator Control	I	-
19	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
20	0.5	BK/WH	2151	Signal Ground	I	-
21	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
22	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
23 - 29	-	-	-	Not Occupied	-	-
30	0.5	BK/VT	7332	Pre Throttle Air Temp and Press (TMAP) Low Reference	I	-
31 - 34	-	-	-	Not Occupied	-	-
35	0.5	GN	6935	Heated Oxygen Sensor Current Adjust Signal	I	-
36	0.5	YE/GY	6936	Heated Oxygen Sensor Collector Signal	I	-
37	0.5	BN/WH	6933	Heated Oxygen Sensor Current Pump Signal	I	-
38	0.5	BN	6934	Heated Oxygen Sensor Ground	I	-
39	-	-	-	Not Occupied	-	-
40	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-
41	0.5	BN/GN	1174	Oil Level Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
44	0.5	BU/WH	1937	Secondary Fuel Level Sensor Signal	I	-
45	-	-	-	Not Occupied	-	-
46	0.5	VT/BU	7330	Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	I	-
47	0.5	WH/BU	7329	Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	I	-
48	0.5	YE	3054	Turbo Intake Pressure Sensor Signal Bank 1	I	-
49 - 51	-	-	-	Not Occupied	-	-
52	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
56 - 58	-	-	-	Not Occupied	-	-
59	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
60	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
61	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-
62	0.5	VT/GY	496	Knock Sensor Signal 1	I	-
63 - 67	-	-	-	Not Occupied	-	-
68	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	I	-
69 - 71	-	-	-	Not Occupied	-	-
72	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-
73	2	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X4 (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33259406
- Service Connector: 13574948
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	L-GN	5492	Cylinder Shutoff Solenoid Control 2	II	-
2	0.5	D-BU	5491	Cylinder Shutoff Solenoid Control 1	II	-
3	0.5	L-GN/BN	5298	Camshaft Position Exhaust Sensor Control 2	II	-
4	0.5	YE	5276	Camshaft Position Intake Sensor 2	II	-
5	0.5	WH/D-BU	5302	Camshaft Position Intake Sensor Control 2	II	-
6	0.5	VT/D-BU	6270	Crankshaft 60X Sensor 5V Reference	II	-
7	0.5	L-GN	6271	Crankshaft 60X Sensor Signal	II	-
8	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	II	-
9	0.5	VT/D-BU	6091	Crankshaft Position Sensor Replicated Signal	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	D-BU	3061	Turbo Bypass Solenoid Control Bank 2	II	-
12	0.5	BN/D-BU	2126	Ignition Control 6	II	-
13	0.5	D-BU/GY	2125	Ignition Control 5	II	-
14	0.5	YE/D-BU	2124	Ignition Control 4	II	-
15	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	II	-
16	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	II	-
17	0.5	YE/L-GN	4321	Park Phaser Lock Control	II	-
18	0.5	GY/L-GN	587	Skip/Shift Solenoid Control	II	-
19	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	II	-
20	0.5	VT/D-BU	5274	Camshaft Position Exhaust Sensor 2	II	-
21	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	II	-
22	0.5	WH	6272	Crankshaft 60X Sensor Low Reference	II	-
23	0.5	D-BU/WH	3630	Throttle Position Sensor (SENT1) Signal	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
24	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	II	-
25	0.5	GN/BK	3633	Camshaft Position Sensor Replicated Signal	II	-
26	0.5	BN	25	Charge Indicator Control	II	-
27	-	-	-	Not Occupied	-	-
28	0.5	L-GN/D-BU	2123	Ignition Control 3	II	-
29	0.5	D-BU/WH	2122	Ignition Control 2	II	-
30	0.5	D-BU/VT	2121	Ignition Control 1	II	-
31	0.5	BK/D-BU	2129	Ignition Control Low Reference Bank 1	II	-
32	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	II	-
33	0.5	L-GN/D-BU	428	EVAP Canister Purge Solenoid Control	II	-
34	0.5	D-BU	179	Oil Pump Command Signal	II	-
35	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	II	-
36	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	II	-
37	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	II	-
38	0.5	D-BU	410	Engine Coolant Temperature Sensor Signal	II	-
39	0.5	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	II	-
40	0.5	GY	2917	Fuel Rail Pressure Sensor 5V Reference	II	-
41	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	II	-
42	-	-	-	Not Occupied	-	-
43	0.5	BK/D-BU	6755	Cam Phaser Y Low Reference	II	-
44	0.5	GN	5272	Camshaft Phaser Intake Solenoid 2	II	-
45	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	II	-
46	0.5	BK/BN	6753	Cam Phaser W Low Reference	II	-
47	0.75	WH/GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	II	-

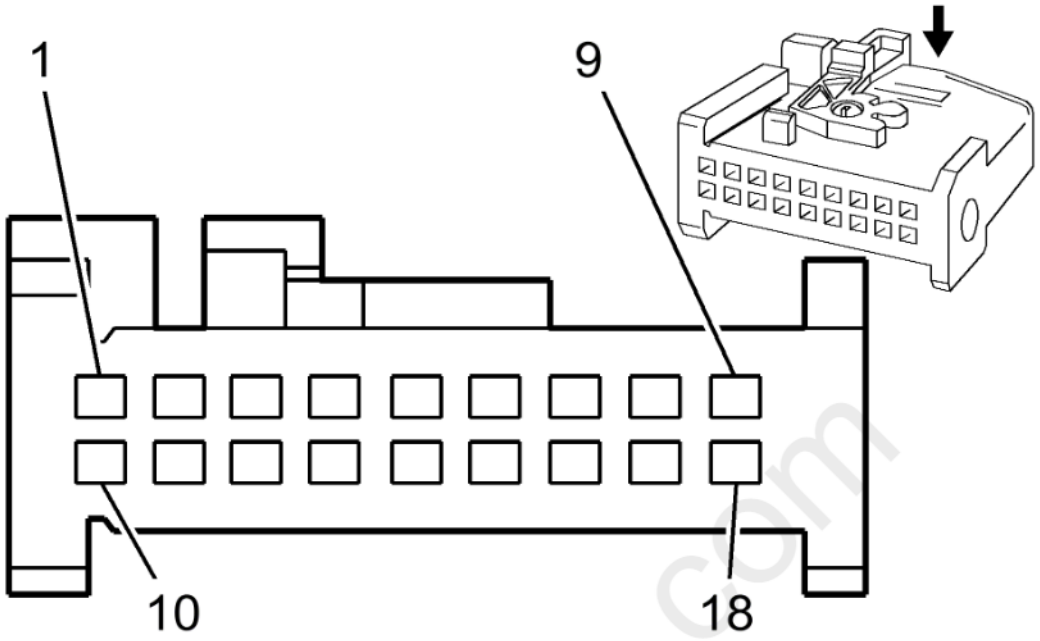
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
48	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	II	-
49	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	II	-
50	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	II	-
51	0.75	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	II	-
52	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	II	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	GY/D-BU	5300	Camshaft Position Intake Sensor Control 1	II	-
56	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	II	-
57	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	II	-
58	-	-	-	Not Occupied	-	-
59	0.5	D-BU/WH	7446	Fuel Line Pressure Sensor Signal	II	-
60	0.5	YE	2918	Fuel Rail Pressure Sensor Signal	II	-
61	0.5	GY	23	Generator Field Duty Cycle Signal	II	-
62	-	-	-	Not Occupied	-	-
63	0.5	BK/GY	6756	Cam Phaser Z Low Reference	II	-
64	0.5	L-GN/BN	5283	Camshaft Phaser Exhaust Solenoid 2	II	-
65	0.5	GY/D-BU	5282	Camshaft Phaser Exhaust Solenoid 1	II	-
66	0.5	BK/VT	6754	Cam Phaser X Low Reference	II	-
67	0.75	L-GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	II	-
68	0.75	D-BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	II	-
69	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	II	-
70	0.75	D-BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	II	-
71	0.75	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
72	0.75	L-GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	II	-
73	2	BK/WH	451	Signal Ground	I	-

K26 HEADLAMP CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10819936
- Service Connector: 13576561
- Description: 18-Way F Micro-Quadlock Series (BK)

Terminal Part Information

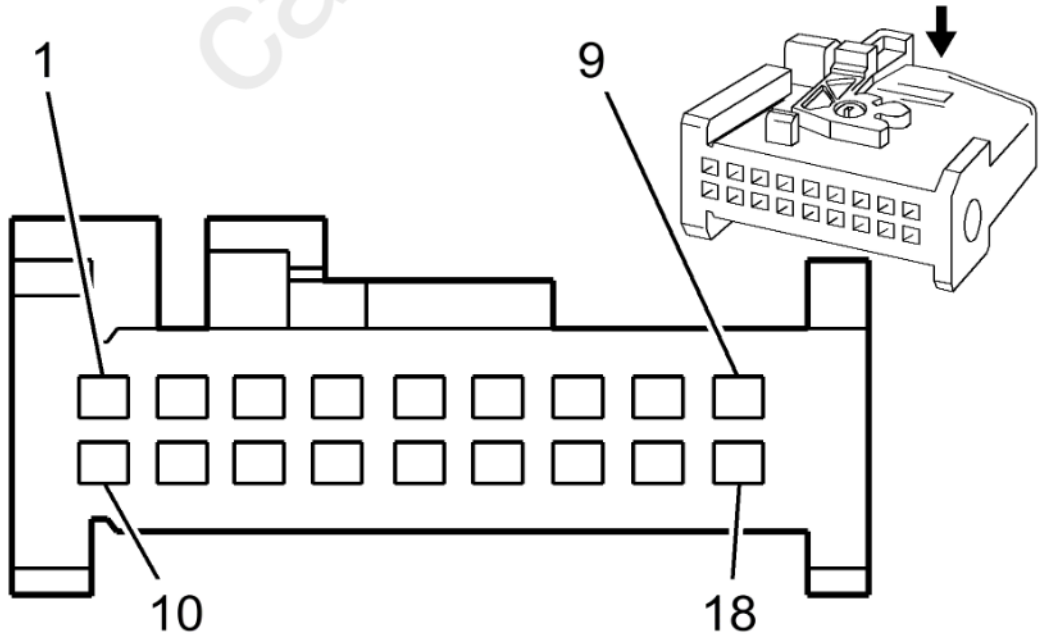
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575587	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	13575859	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2150	Ground	II	-
2	0.5	YE/RD	1208	Left Rear Strut Position Sensor 5V Reference	II	-F55
3	0.5	BK/GN	1209	Left Rear Strut Position Sensor Low Reference	II	-F55

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-
5	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-
6	0.5	GN/WH	1210	Left Rear Strut Position Sensor Signal	II	-F55
7	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	RD/YE	740	Battery Positive Voltage	II	-
11	0.5	BU/RD	1205	Left Front Strut Position Sensor 5V Reference	II	-F55
12	0.5	BK/BU	1206	Left Front Strut Position Sensor Low Reference	II	-F55
13	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-
14	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-
15	0.5	BN/WH	1207	Left Front Strut Position Sensor Signal	II	-F55
16	-	-	-	Not Occupied	-	-
17	0.5	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	II	-
18	0.5	GN/BN	7529	Local Interconnect Network Serial Data Bus 7	II	-

K26 HEADLAMP CONTROL MODULE (KL9)



Connector Part Information

- Harness Type: Body

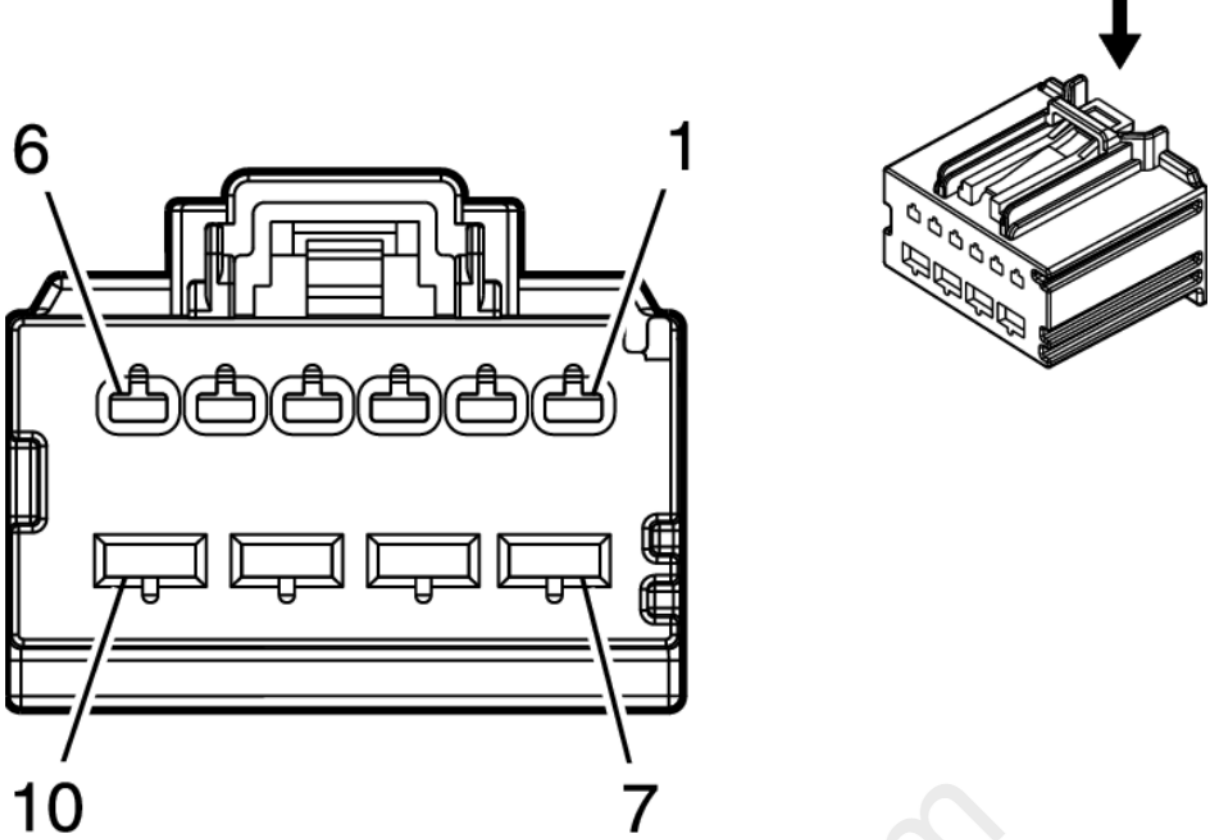
- OEM Connector: 10819936
- Service Connector: 13576561
- Description: 18-Way F Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13327122	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13327123	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2150	Ground	I	-
2	0.5	YE/RD	1208	Left Rear Strut Position Sensor 5V Reference	I	-F55
3	0.5	BK/GN	1209	Left Rear Strut Position Sensor Low Reference	I	-F55
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
6	0.5	GN/WH	1210	Left Rear Strut Position Sensor Signal	I	-F55
7	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	RD/YE	740	Battery Positive Voltage	I	-
11	0.5	BU/RD	1205	Left Front Strut Position Sensor 5V Reference	I	-F55
12	0.5	BK/BU	1206	Left Front Strut Position Sensor Low Reference	I	-F55
13 - 14	-	-	-	Not Occupied	-	-
15	0.5	BN/WH	1207	Left Front Strut Position Sensor Signal	I	-F55
16	-	-	-	Not Occupied	-	-
17	0.5	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
18	0.5	GN/BN	7529	Local Interconnect Network Serial Data Bus 7	I	-

K29F SEAT HEATING CONTROL MODULE - FRONT X1 (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13582823
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (BK)

Terminal Part Information

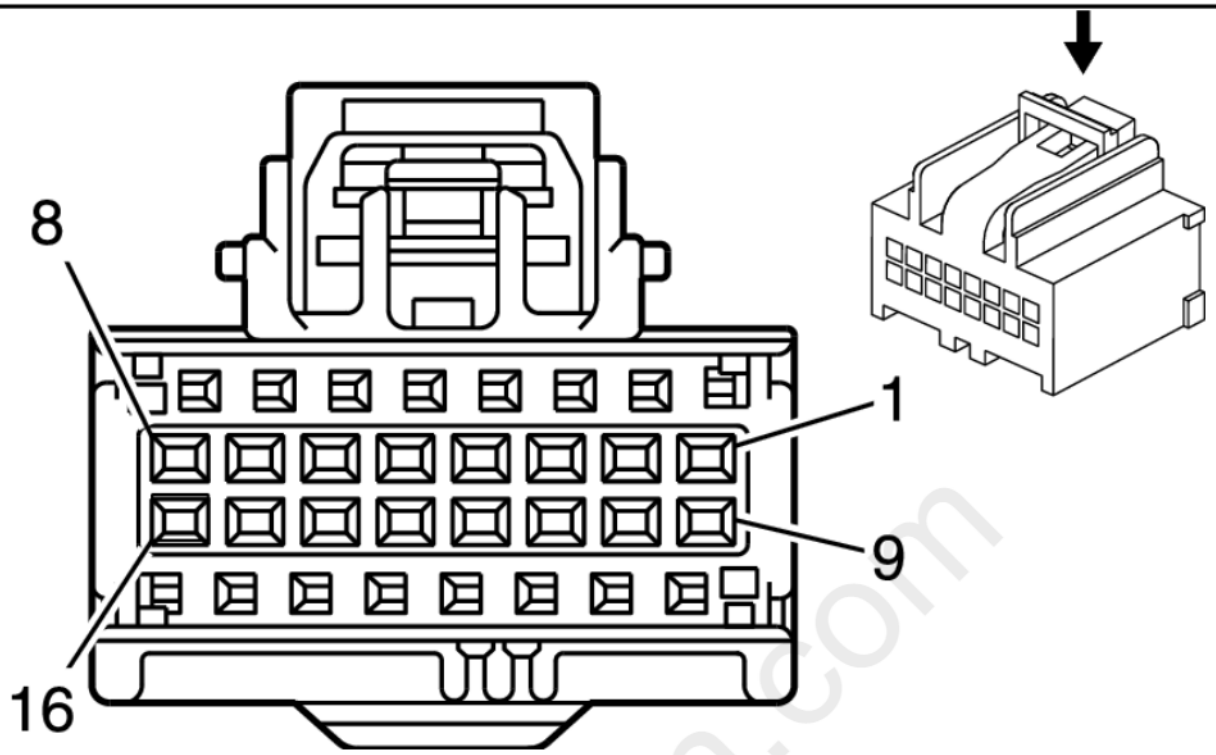
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/BN	2481	Passenger Heated Back Element Control	I	-
2	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
3	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-
4	0.75	BN/BK	2078	Driver Heated Seat Element Low Reference	I	-
5	0.75	BN	2432	Driver Heated Back Element Control	I	-
6	0.75	BN/VT	2077	Driver Heated Seat Element Control	I	-
7	0.75	RD/BU	5240	Battery Positive Voltage	I	-
8	1.5	BK	2150	Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	-	-	-	Not Occupied	-	-
10	0.75	RD/GY	1139	Run/Crank Ignition 1 Voltage	I	-

K29F SEAT HEATING CONTROL MODULE - FRONT X2 (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

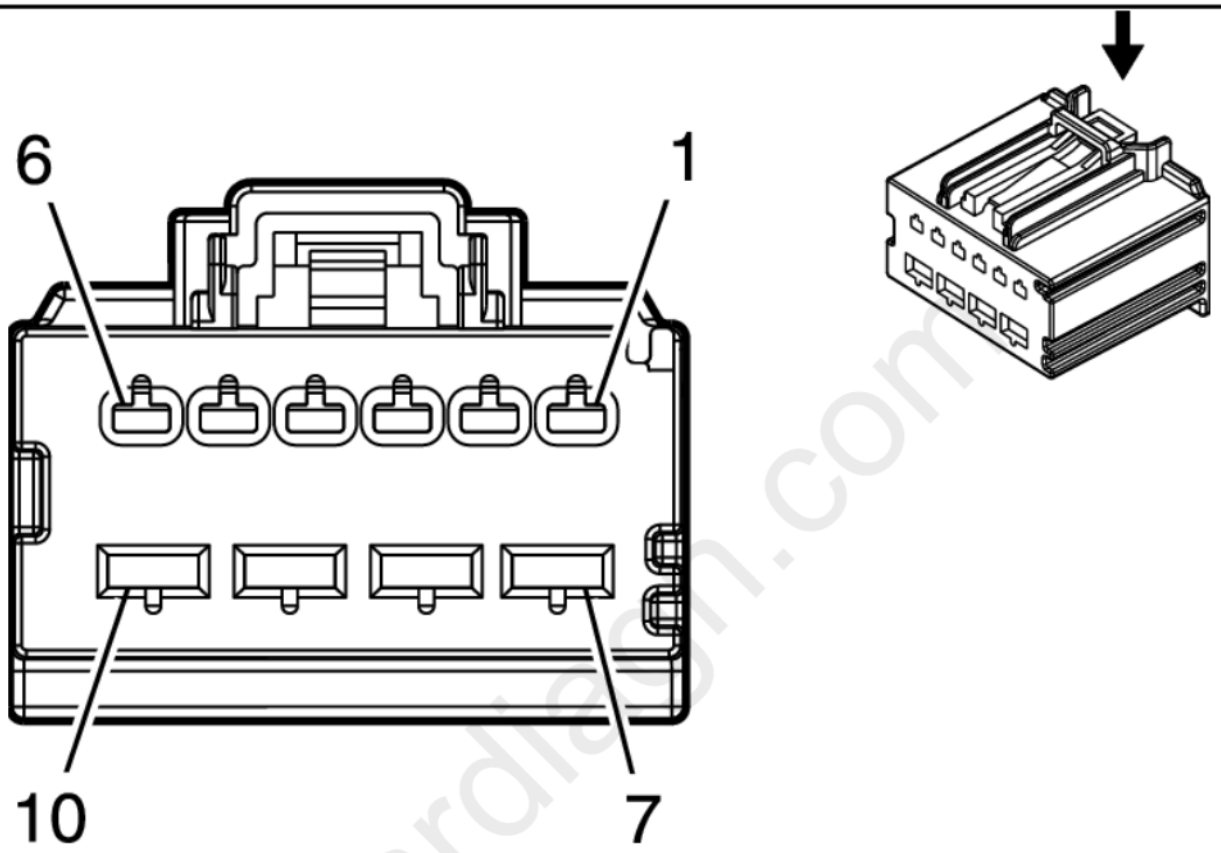
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/YE	2080	Driver Heated Seat NTC Low Reference	I	-
2	0.35	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
3	0.35	BU	2425	Driver Heated Back NTC Signal	I	-
4	0.35	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
5	0.5	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-
6	0.35	YE/GY	2079	Driver Heated Seat NTC Signal	I	-
7	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9	0.35	GN/VT	5906	Driver Seat Vent Motor Control 1	I	KU9
10	0.35	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	KU9
11 - 16	-	-	-	Not Occupied	-	-

K29R SEAT HEATING CONTROL MODULE - REAR X1 (KA6+AQ9)



Connector Part Information

- Harness Type: Rear Seat Heating Control Module
- OEM Connector: 13582823
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (BK)

Terminal Part Information

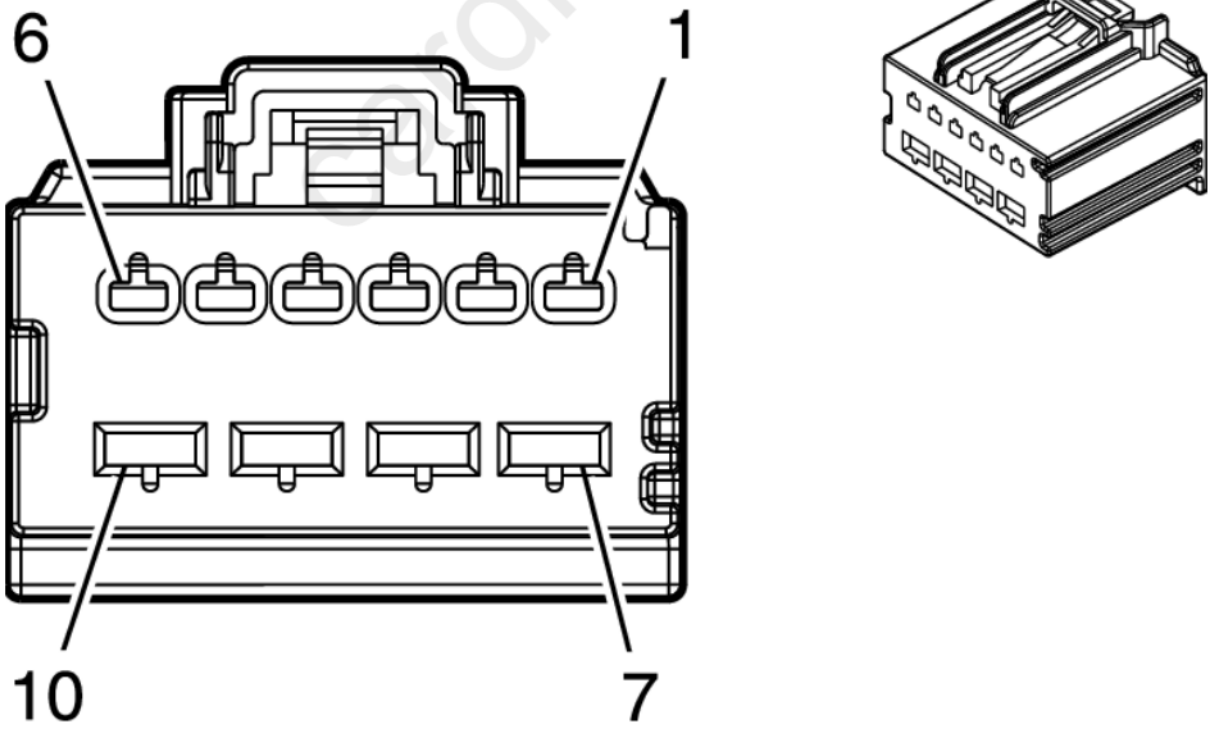
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/VT	2455	Right Rear Heated Seat Element Control	I	KA6-ASG

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.75	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	KA6-ASG
3	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
4	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	KA6+ASG
5	0.75	BU/BN	2445	Left Rear Heated Seat Element Control	I	KA6+ASG
6	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	KA6-ASG
7	0.75	RD/WH	4740	Battery Positive Voltage	I	KA6+ASG
8	1.5	BK	2350	Ground	I	KA6-ASG
9	-	-	-	Not Occupied	-	-
10	0.75	VT/BK	1539	Run/Crank Ignition 1 Voltage	I	-

K29R SEAT HEATING CONTROL MODULE - REAR X1 (KA6-AQ9)



Connector Part Information

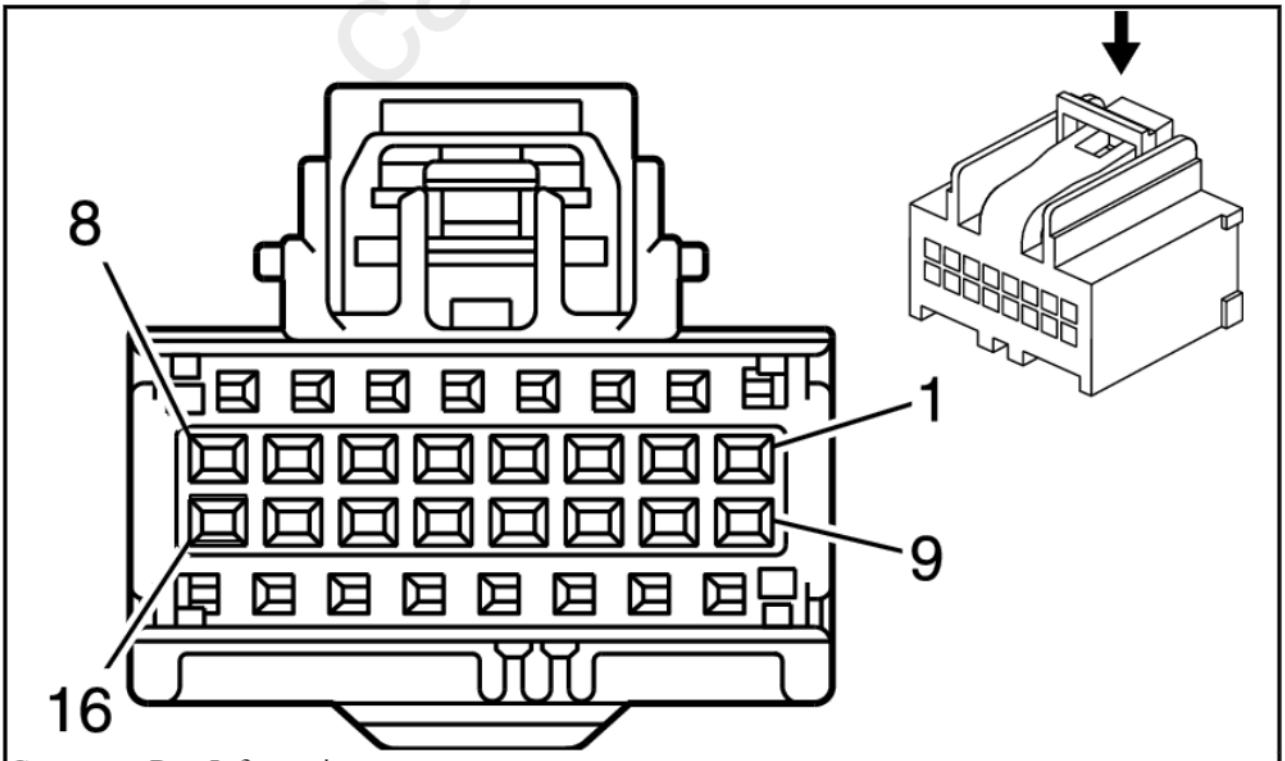
- Harness Type: Rear Seat
- OEM Connector: 13582823
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/VT	2455	Right Rear Heated Seat Element Control	I	-
2	0.75	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
3	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
4	0.75	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-
5	0.75	BU/BN	2445	Left Rear Heated Seat Element Control	I	-
6	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
7	0.75	RD/WH	4740	Battery Positive Voltage	I	-
8	1.5	BK	2350	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	0.75	VT/WH	1539	Run/Crank Ignition 1 Voltage	I	-

K29R SEAT HEATING CONTROL MODULE - REAR X2 (KA6+AQ9)



Connector Part Information

- Harness Type: Rear Seat Armrest
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (BK)

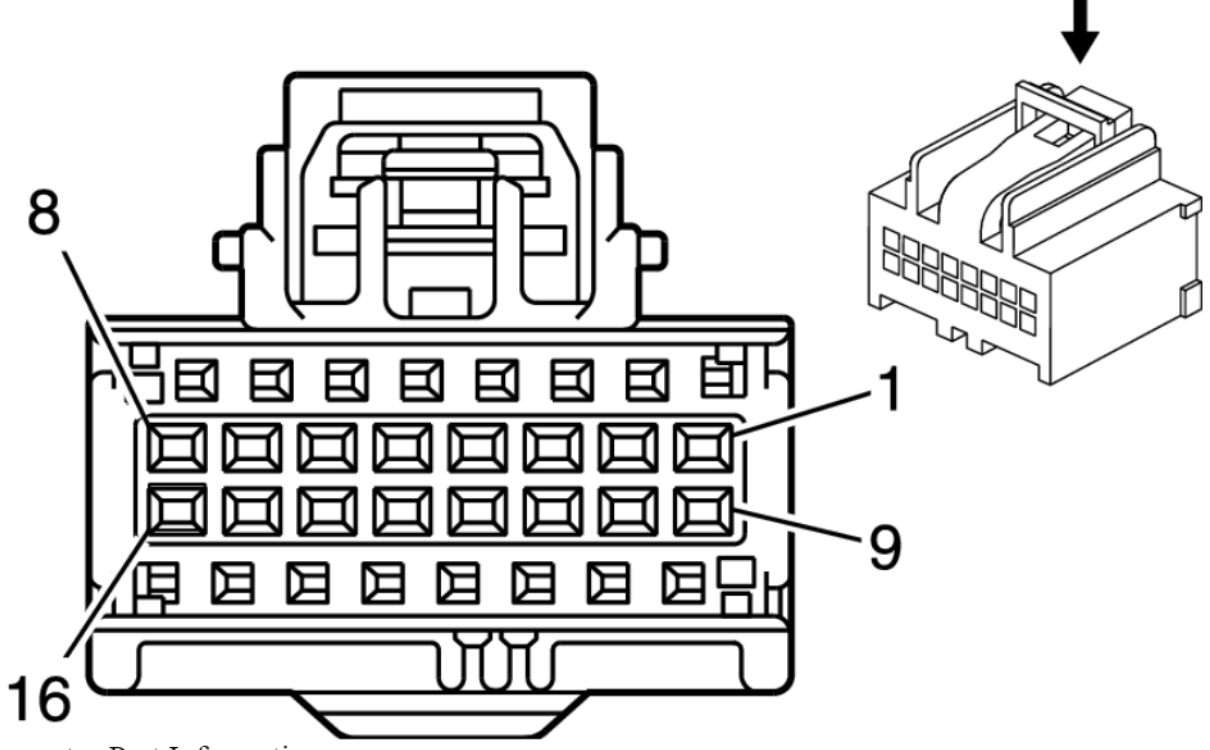
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	7048	Left Rear Cushion NTC Low Reference	I	KA6+ASG
2	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	KA6+ASG
3	0.35	GN/YE	7045	Left Rear Seat Back NTC Signal	I	KA6+ASG
4	0.35	YE	7049	Right Rear Seat Back NTC Signal	I	KA6-ASG
5	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	KA6-ASG
6	0.35	WH/BU	7047	Left Rear Cushion NTC Signal	I	KA6+ASG
7	0.75	BK	2350	Ground	I	KA6+ASG
8	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	KA6+ASG
9	0.35	GN	3308	Left Rear Seat Back Climate Control Fan Speed Control	I	-
10	0.35	GN/GY	3321	Right Rear Seat Back Climate Control Fan Speed Control	I	-
11 - 16	-	-	-	Not Occupied	-	-

K29R SEAT HEATING CONTROL MODULE - REAR X2 (KA6-AQ9)

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Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

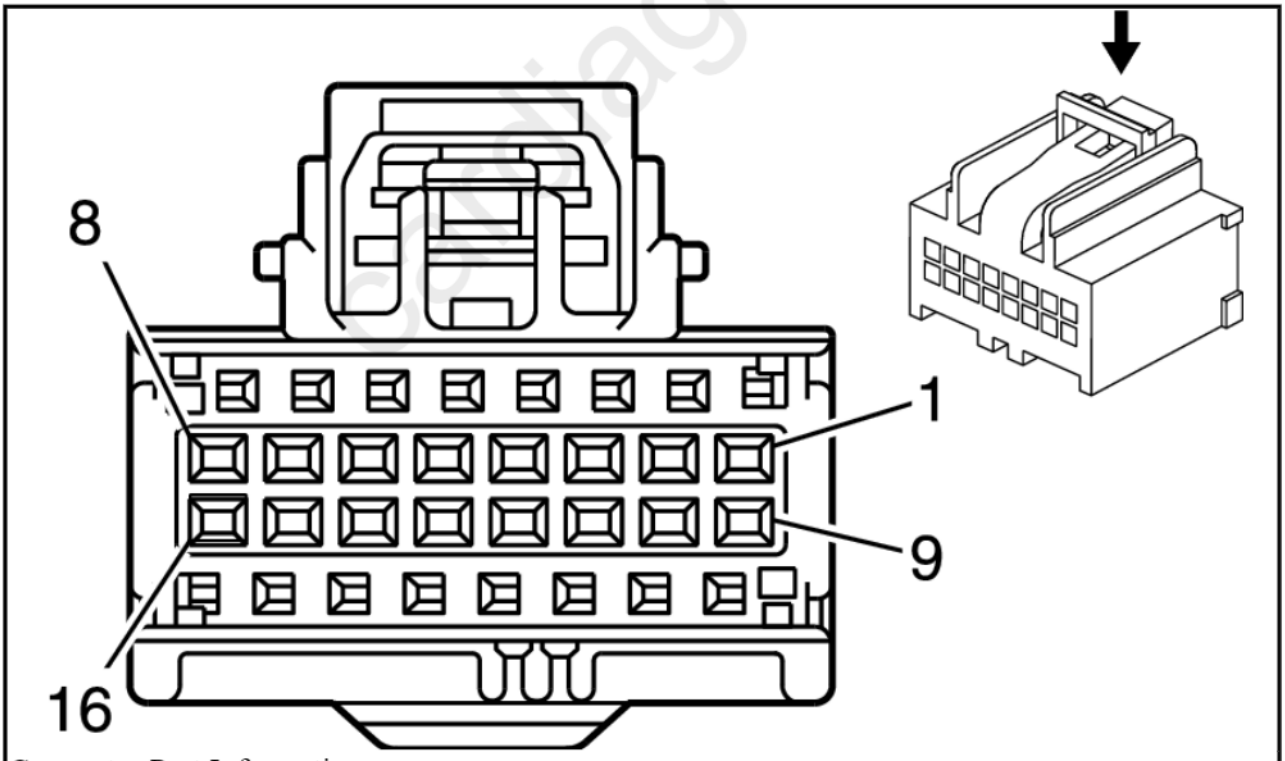
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.75	BU/WH BU/VT	7048 2455	Left Rear Cushion NTC Low Reference Right Rear Heated Seat Element Control	I I	KA6+ASG KA6-ASG
2	0.35 0.75	WH/BK GN/BN	7054 2296	Right Rear Cushion NTC Low Reference Right Rear Heated Seat Cushion Element Control	I I	KA6+ASG KA6-ASG
3	0.35 0.75	GN/YE GN/BK	7045 2297	Left Rear Seat Back NTC Signal Right Rear Heated Seat Cushion Element Low Reference	I I	KA6+ASG KA6-ASG

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.75 0.35	BN/BK YE	2295 7049	Left Rear Heated Seat Cushion Element Low Reference Right Rear Seat Back NTC Signal	I I	KA6+ASG KA6-ASG
5	0.75 0.35	BU/BN YE/WH	2445 7053	Left Rear Heated Seat Element Control Right Rear Cushion NTC Signal	I I	KA6+ASG KA6-ASG
6	0.35 0.75	WH/BU GY	7047 2294	Left Rear Cushion NTC Signal Left Rear Heated Seat Cushion Element Control	I I	KA6+ASG KA6-ASG
7	0.75	BK	2350	Ground	I	-
8	0.35 1.5	GN/BU BK	6133 2350	Local Interconnect Network Serial Data Bus 2 Ground	I I	KA6+ASG KA6-ASG
9	-	-	-	Not Occupied	-	-
10	0.75	VT/WH	1539	Run/Crank Ignition 1 Voltage	I	-
11 - 16	-	-	-	Not Occupied	-	-

K31 NAVIGATION CONTROL MODULE X1 (CW1)



Connector Part Information

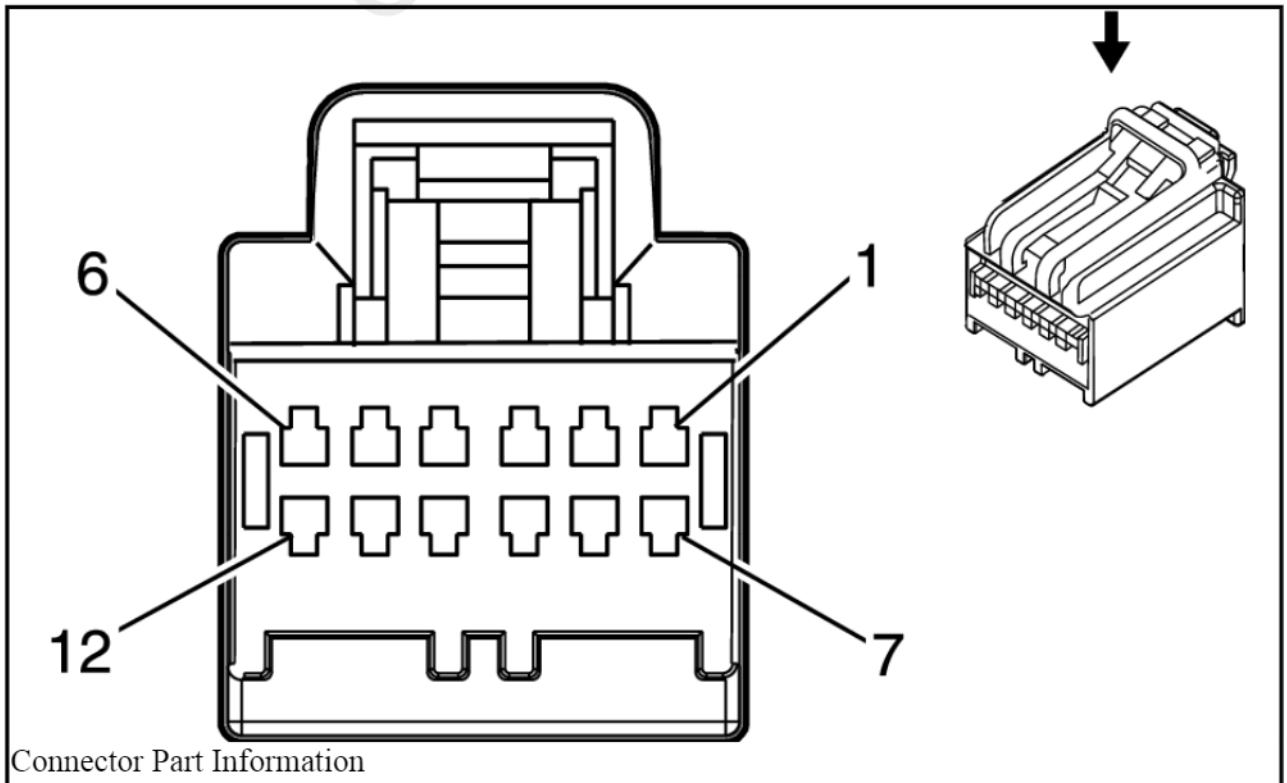
- Harness Type: Instrument Panel
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3940	Battery Positive Voltage	I	-
2	0.5	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
6	0.5	BN/GN	4502	Video Display Request Signal	I	-
7	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
8	0.5	BK/WH	1551	Signal Ground	I	-
9	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-
10	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	-
11	0.35	BARE	1792	Low Reference	I	-
12 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU	655	Cellular Telephone Microphone Signal	I	-
16	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-

K31 NAVIGATION CONTROL MODULE X2 (CW1)



Connector Part Information

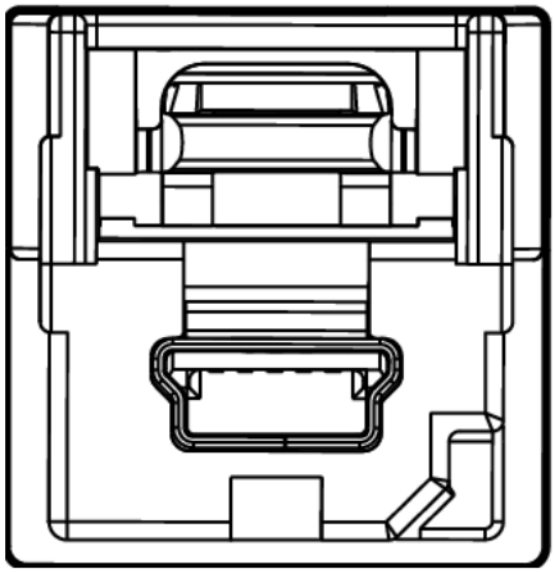
- Harness Type: Instrument Panel
- OEM Connector: 13587624
- Service Connector: 19151154
- Description: 12-Way F 64 Series, Sealed (GY)

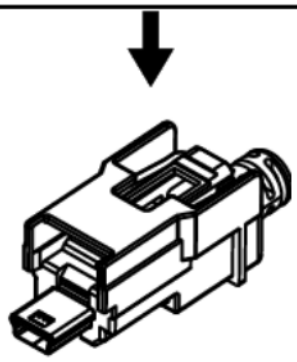
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BU/WH	2062	Navigation Audio High Mono Signal	I	-
4	0.5	BU/VT	4609	Audio Request Signal	I	-
5	0.35	VT	3377	Left Auxiliary Audio Signal 3	I	-
6	0.5	BARE	3375	Auxiliary Audio Low Reference 3	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.35	VT/BU	2061	Navigation Audio Low Mono Signal	I	-
10	0.5	BARE	5345	Auxiliary Audio Low Reference 1	I	-
11	0.35	BN	3378	Right Auxiliary Audio Signal 3	I	-
12	0.35	GN	3376	Auxiliary Audio Common Signal 3	I	-

K31 NAVIGATION CONTROL MODULE X3 (CW1)





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: Not Available

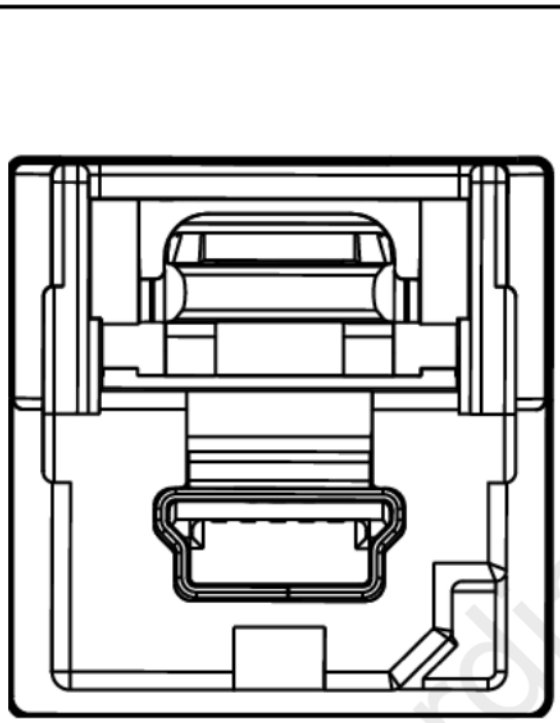
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

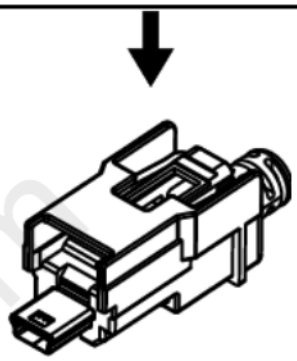
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K31 NAVIGATION CONTROL MODULE X4 (CW1)





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type

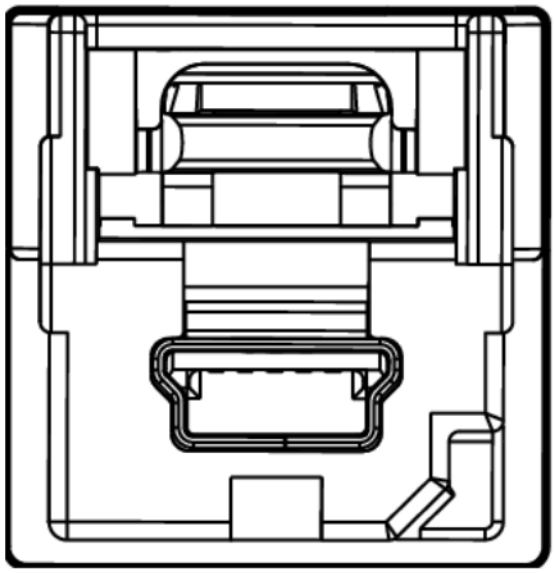
Terminal Part Information

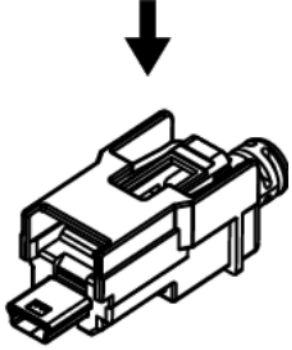
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K31 NAVIGATION CONTROL MODULE X5 (CW1)

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Connector Part Information

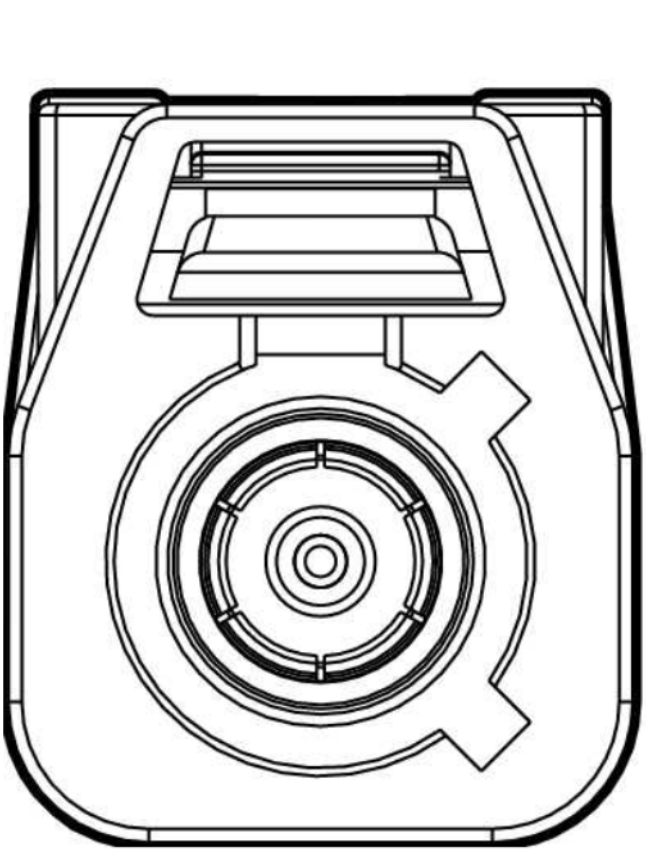
- Harness Type: Instrument Panel LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M USB Type

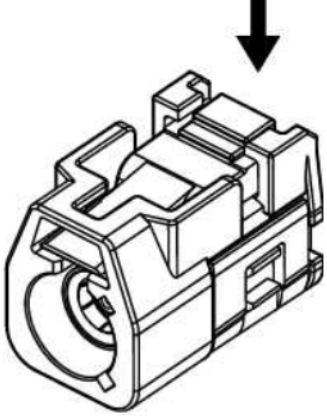
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	Navigation Display Signal	I	-

K31 NAVIGATION CONTROL MODULE X6 (CW1)





Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

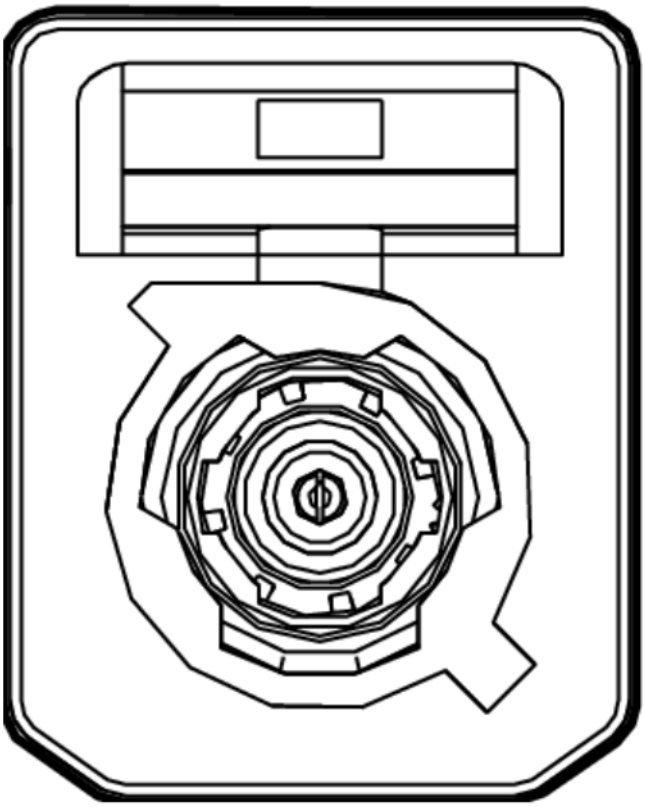
Terminal Part Information

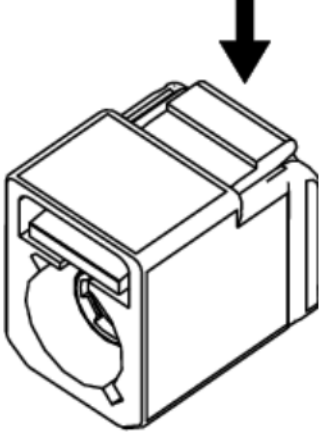
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

K31 NAVIGATION CONTROL MODULE X7 (CW1)

carDiagn.com





Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

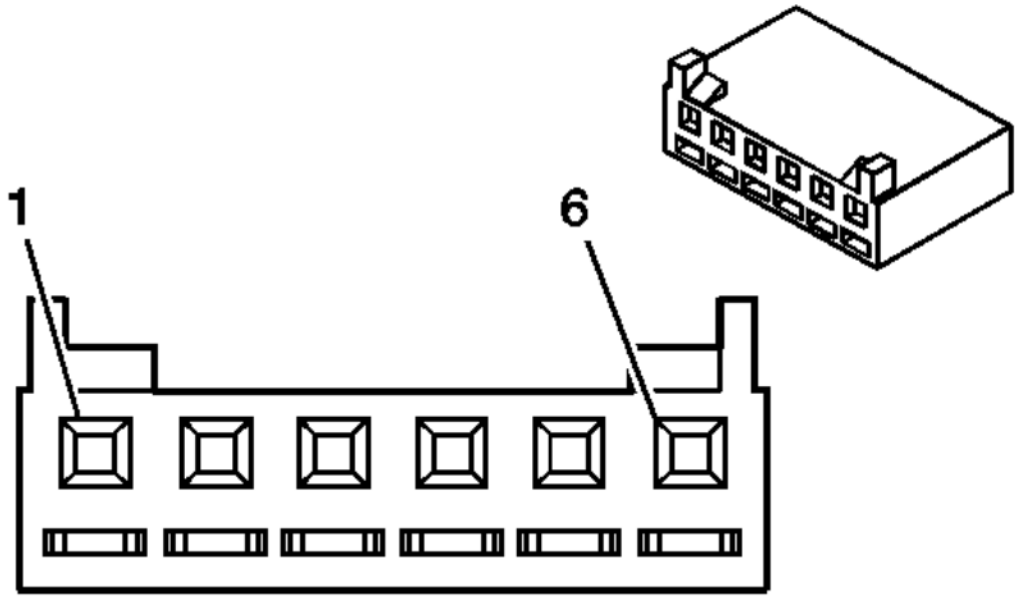
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(DAB/DMB) Coaxial Antenna DAB Signal	I	-

K32 STEERING WHEEL HEATING CONTROL MODULE X1 (UVD)

cardiagn.com



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

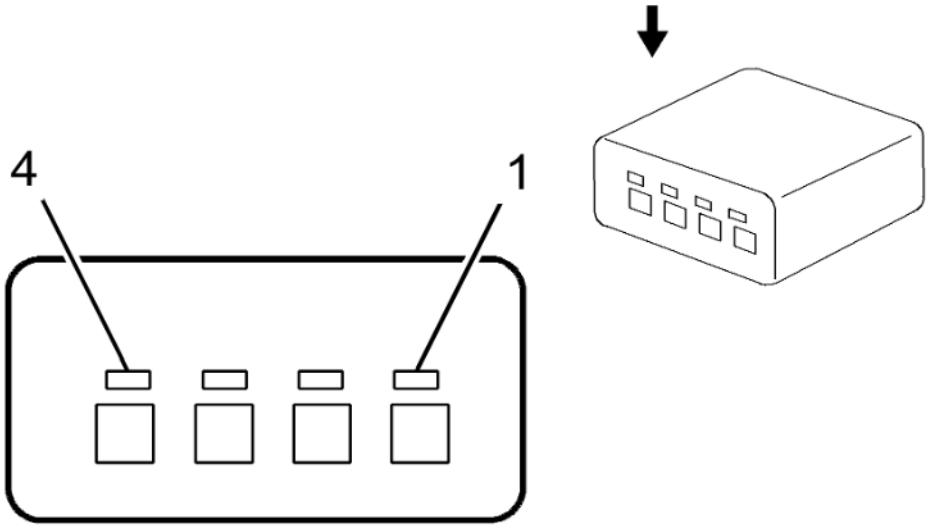
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG	5883	Heated Steering Wheel Switch Signal	I	-
2	0.35	PK	5884	Heated Steering Wheel Switch LED Control	I	-
3	0.5	RD	539	Run/Crank Ignition 1 Voltage	I	-
4	0.5	BK	1350	Ground	I	-
5	0.5	BK	1350	Ground	I	-
6	-	-	-	Not Occupied	-	-

K32 STEERING WHEEL HEATING CONTROL MODULE X2 (UVD)

cardiagn.com



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F

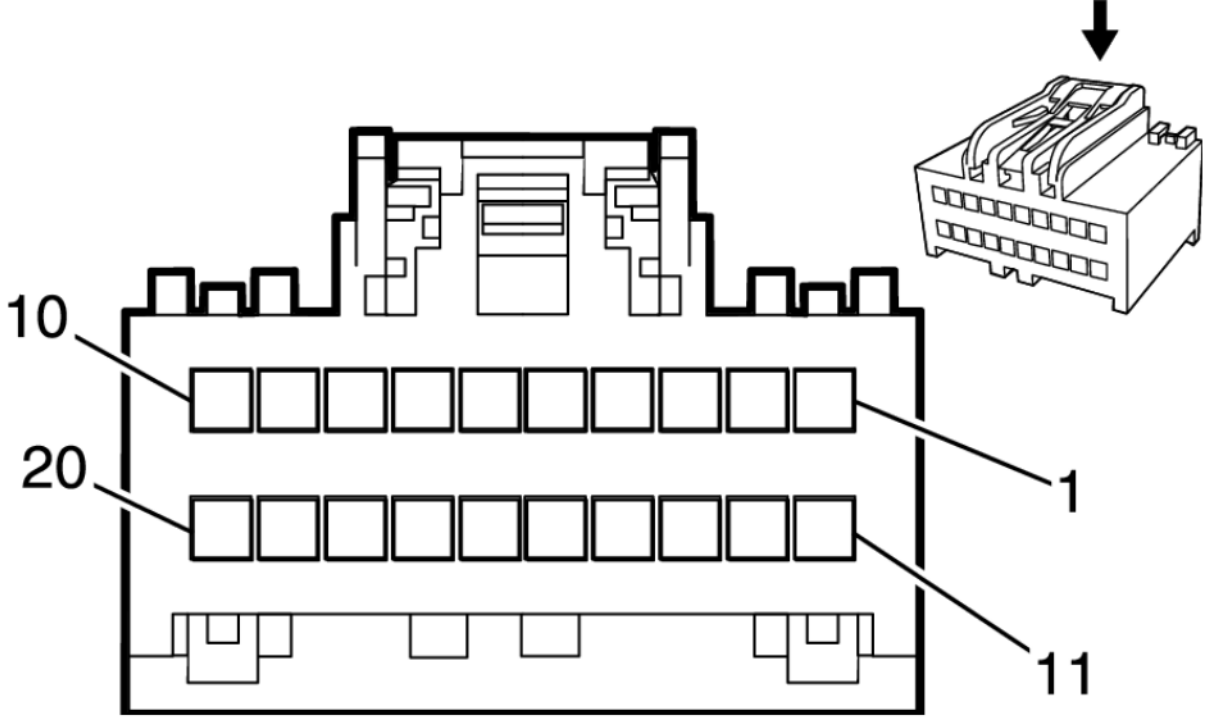
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD	5883	Heated Steering Wheel Switch Signal	I	-
2	0.5	RD	5884	Heated Steering Wheel Switch LED Control	I	-
3	0.35	BK/RD	5885	Heated Steering Wheel Voltage Reference	I	-
4	0.35	BK/RD	1350	Ground	I	-

K33 HVAC CONTROL MODULE X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13611322
- Service Connector: 13576644
- Description: 20-Way F 0.64 Series (GN)

Terminal Part Information

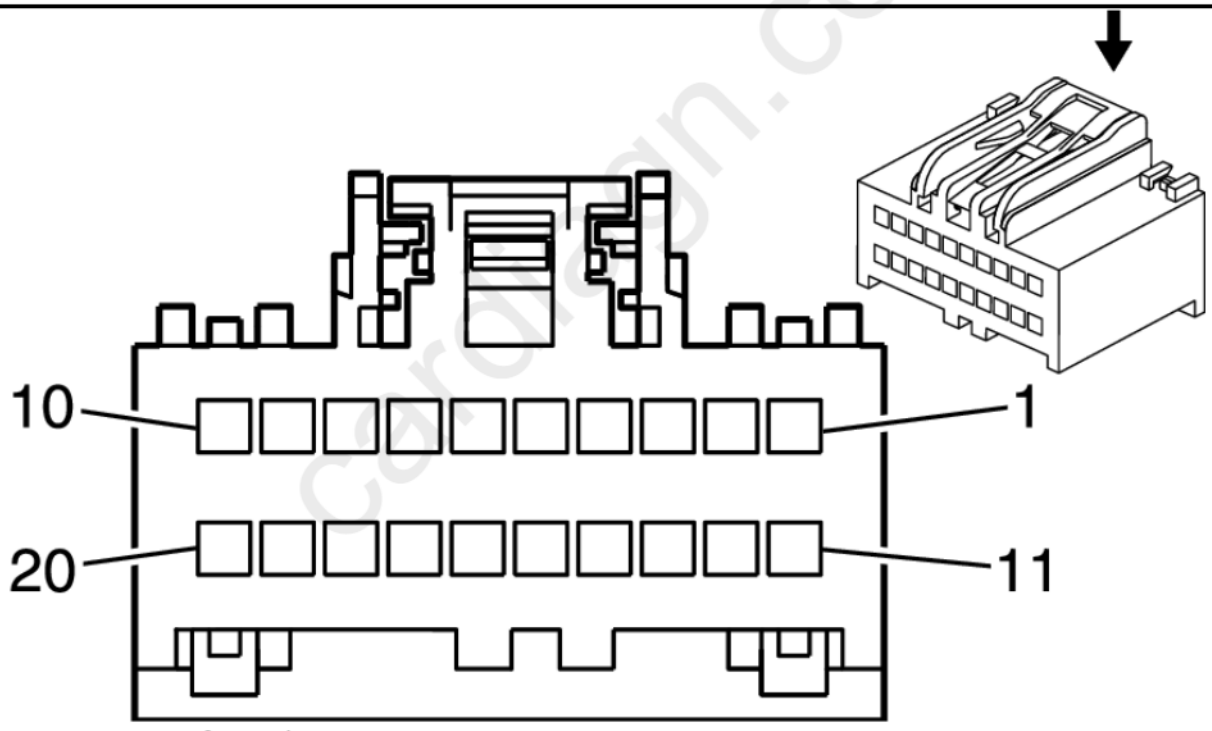
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	VT/WH	5203	Air Quality Sensor Signal	I	-
4	0.13	BU	734	Inside Air Temperature Sensor Signal	II	KL9
5	0.35	BN/YE	9518	Left Upper Auxiliary Air Temperature Sensor Signal	I	C24
6	-	-	-	Not Occupied	-	-
7	0.5	BK/YE	645	Sensor Low Reference	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.35	BN/YE	9520	Right Upper Auxiliary Air Temperature Sensor Signal	I	C24

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11 - 13	-	-	-	Not Occupied	-	-
14	0.13	GY	590	Solar Sensor Driver Signal	II	KL9
15	-	-	-	Not Occupied	-	-
16	0.35	BK/BN	6102	Inside Air Temperature Sensor Low Reference	I	HP9
17	-	-	-	Not Occupied	-	-
18	0.35	BN/BK	405	Lower Air Temperature Sensor Signal	I	-
19	0.35 0.35	GN BN	36 9519	Coolant Temperature Signal Right Lower Auxiliary Air Temperature Sensor Signal	I I	HP9 KL9+C24
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15491305
- Service Connector: 15126709
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

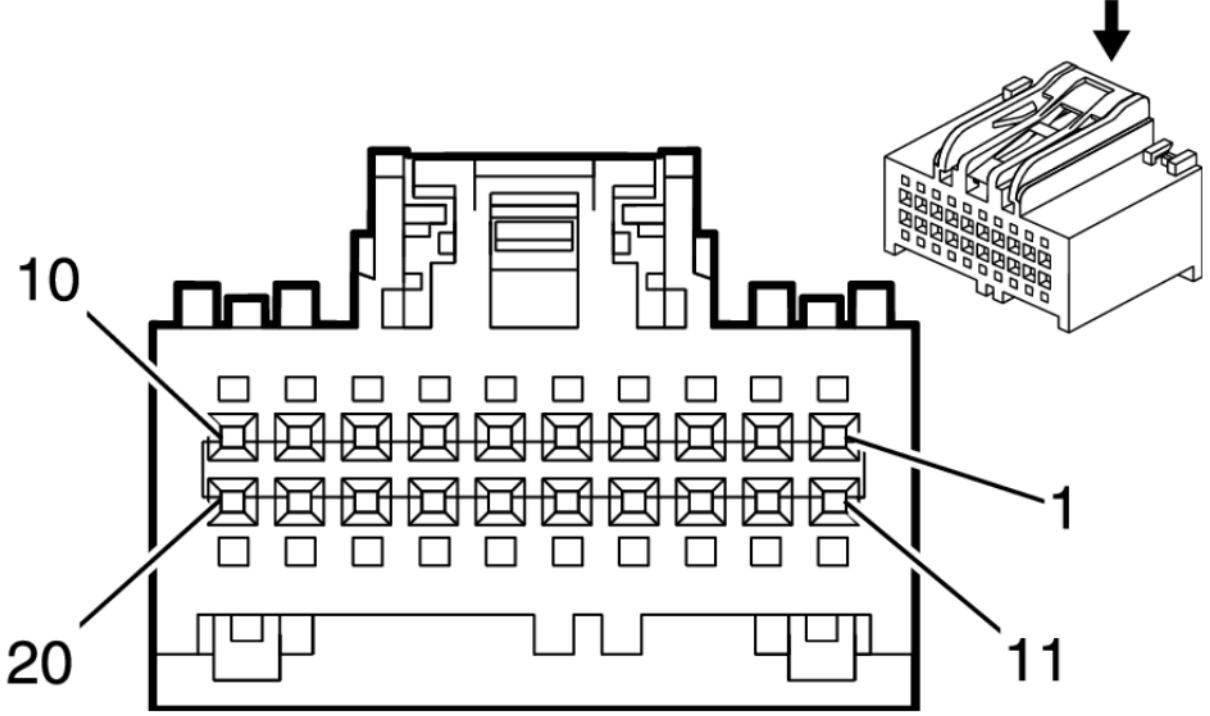
cardiagn.com

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/VT	3340	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	C24/KEM/HP9
7	0.35	VT/YE	3854	Cabin Heater Coolant Motor Control	I	HP9
8	0.5	BK	1450	Ground	I	-
9	0.5	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
10	0.35	BU/YE	7574	Electric Variable Displacement Control	I	KL9
11	0.35	BU/BN	7573	Electric Variable Displacement Supply	I	KL9
12	0.35	BN/BU	3852	Cabin Heater Coolant Motor Feedback Signal	I	HP9
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GY	754	Blower Motor Speed Control	I	-
16	0.35	GN/BK	2211	Rear Blower Motor Speed Control	I	C24
17	-	-	-	Not Occupied	-	-
18	0.13	GN	7567	Solar Sensor Low Reference	II	KL9
19	0.35	BN/VT	193	Rear Defog Relay Control	I	-
20	0.35	GN/GY	3853	Cabin Heater Coolant Motor Control	I	HP9

K33 HVAC CONTROL MODULE X3

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Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15126711
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 0.64 Series (BK)

Terminal Part Information

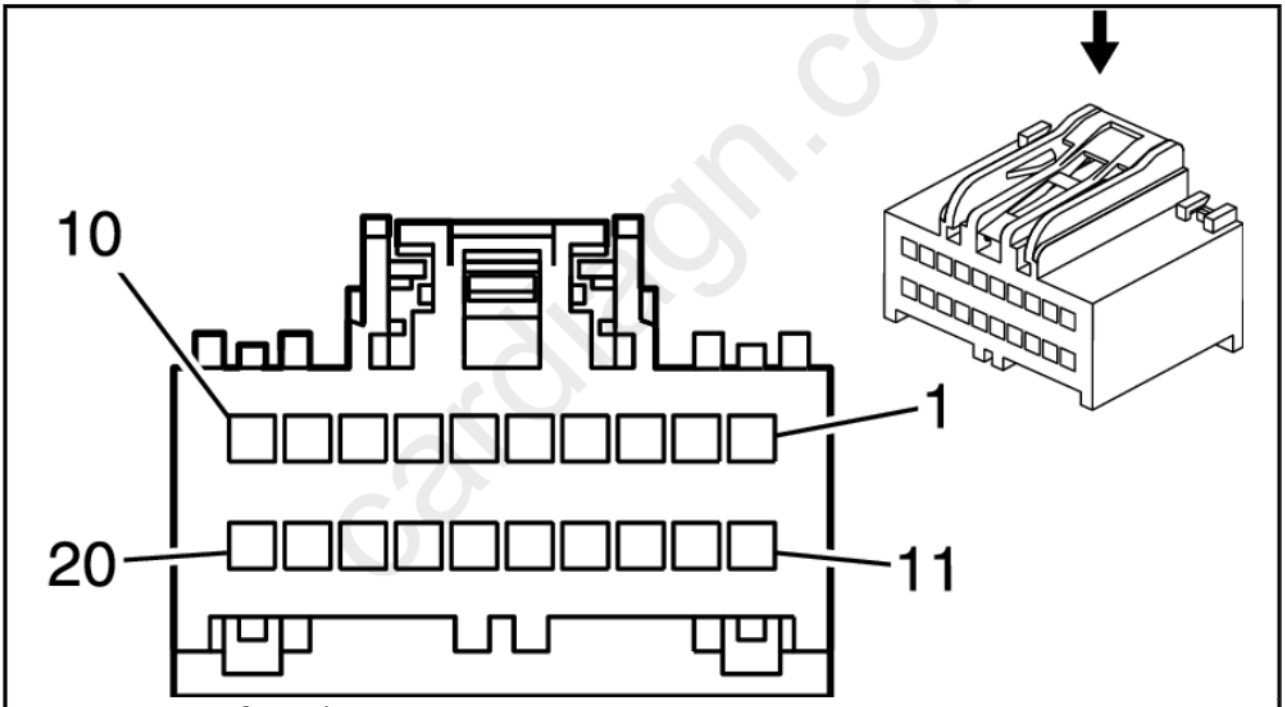
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	516	Upper Left Air Temperature Sensor Signal	I	-
2	0.35	BU/BN	3167	Mode Door Stepper Motor Control 3	I	-
3	0.35	GY	3165	Mode Door Stepper Motor Control 1	I	-
4	0.35	BN	3168	Mode Door Stepper Motor Control 4	I	-
5	0.35	BN/GN	3166	Mode Door Stepper Motor Control 2	I	-
6 - 8	-	-	-	Not Occupied	-	-
9	0.35	BK/YE	1791	Air Temperature Door Control Low Reference	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
12	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
13	0.35	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.35	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-
15	0.5	BN/VT	7572	HVAC Motor Control	I	-
16	0.35	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
17	0.35	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
18	0.35	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
19	0.35	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-
20	0.35	GY	6137	EVAP Core Temperature Sensor Signal	I	-

K33 HVAC CONTROL MODULE X4



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

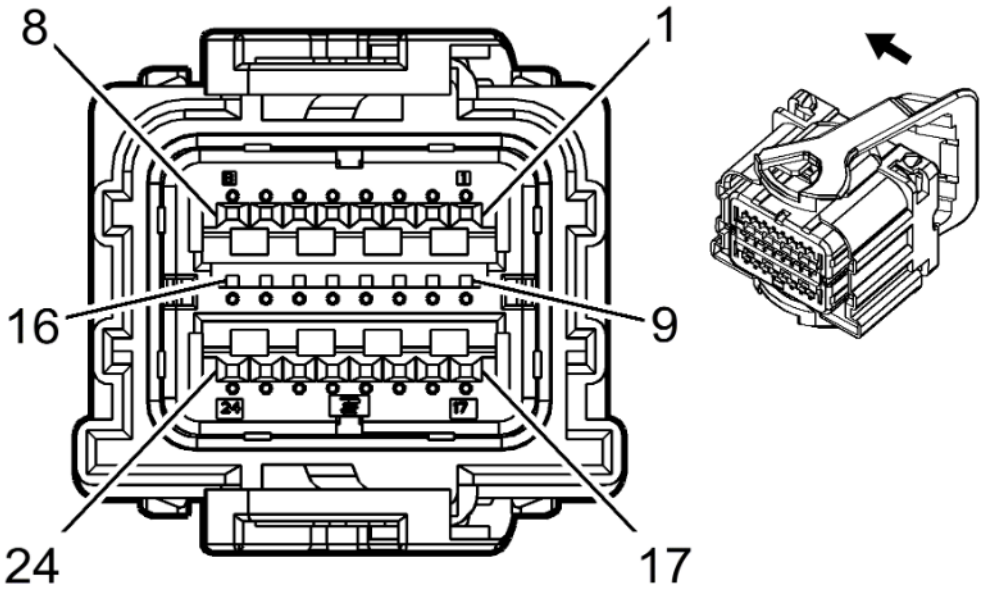
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	3177	Mode Door Stepper Motor Passenger Control 1	I	-
2	0.35	BU/WH	3178	Mode Door Stepper Motor Passenger Control 2	I	-
3	0.35	GY/WH	3179	Mode Door Stepper Motor Passenger Control 3	I	-
4	0.35	GN/GY	3180	Mode Door Stepper Motor Passenger Control 4	I	-
5	0.35	YE/BK	3181	Temp Door Stepper Motor Passenger Control 1	I	-
6	0.35	WH/BK	3182	Temp Door Stepper Motor Passenger Control 2	I	-
7	0.35	WH/YE	3183	Temp Door Stepper Motor Passenger Control 3	I	-
8	0.35	VT/GY	3184	Temp Door Stepper Motor Passenger Control 4	I	-
9	0.35	BN/YE	517	Upper Right Air Temperature Sensor Signal	I	-
10	0.5	BN/WH	1218	Upper Mode Valve Motor Control	I	-
11	0.35	BN	518	Lower Left Air Temperature Sensor Signal	I	-
12	0.35	BN/YE	520	Lower Right Air Temperature Sensor Signal	I	-
13	0.35	YE/BK	3185	Mode Door Stepper Motor Rear Control 1	I	-
14	0.35	GN/BK	3186	Mode Door Stepper Motor Rear Control 2	I	-
15	0.35	BU/BK	3187	Mode Door Stepper Motor Rear Control 3	I	-
16	0.35	GY/BK	3188	Mode Door Stepper Motor Rear Control 4	I	-
17	0.35	WH/GN	3189	Temp Door Stepper Motor Rear Control 1	I	-
18	0.35	GY	3190	Temp Door Stepper Motor Rear Control 2	I	-
19	0.35	BU/VT	3191	Temp Door Stepper Motor Rear Control 3	I	-
20	0.35	YE/BK	3192	Temp Door Stepper Motor Rear Control 4	I	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X1

cardiagn.com



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13888675
- Service Connector: 19299778
- Description: 24-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/RD	7492	Left Hood Actuator High Control	I	B3T
2	0.5	BK/OG	7491	Left Hood Actuator Low Control	I	B3T
3	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
4	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
5	0.5	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	-
6	0.5	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	-
7	0.5	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	-
8	0.5	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	-

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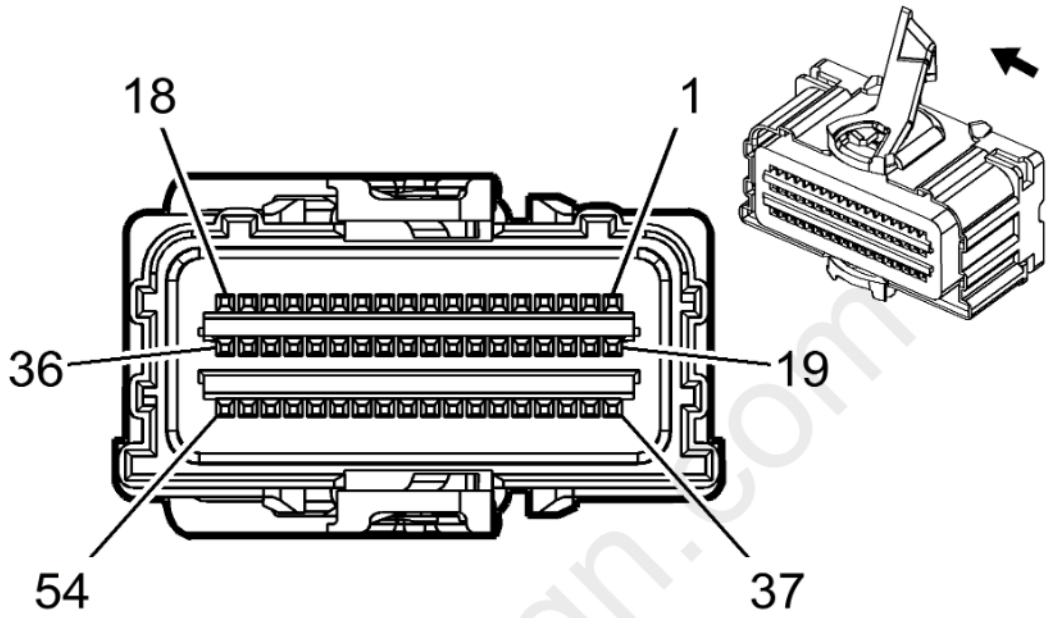
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	RD/GN	4440	Battery Positive Voltage	I	-
10	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	I	-
11	0.35	BU	2307	Passenger Air Bag On Indicator Control	I	-
12	0.35	GN	2308	Passenger Air Bag Off Indicator Control	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-
17	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
18	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	0.5	BK/WH	1751	Signal Ground	I	-
20	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
21	0.5	OG/BU	3078	Driver Knee Module High Control	I	-
22	0.5	GY/OG	3079	Driver Knee Module Low Control	I	-
23	0.5	WH/OG	3077	Passenger Knee Module Low Control	I	-
24	0.5	OG/BU	3076	Passenger Knee Module High Control	I	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 15546400
- Service Connector: 13589171
- Description: 54-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 10	-	-	-	Not Occupied	-	-
11	0.5	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-
12	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-

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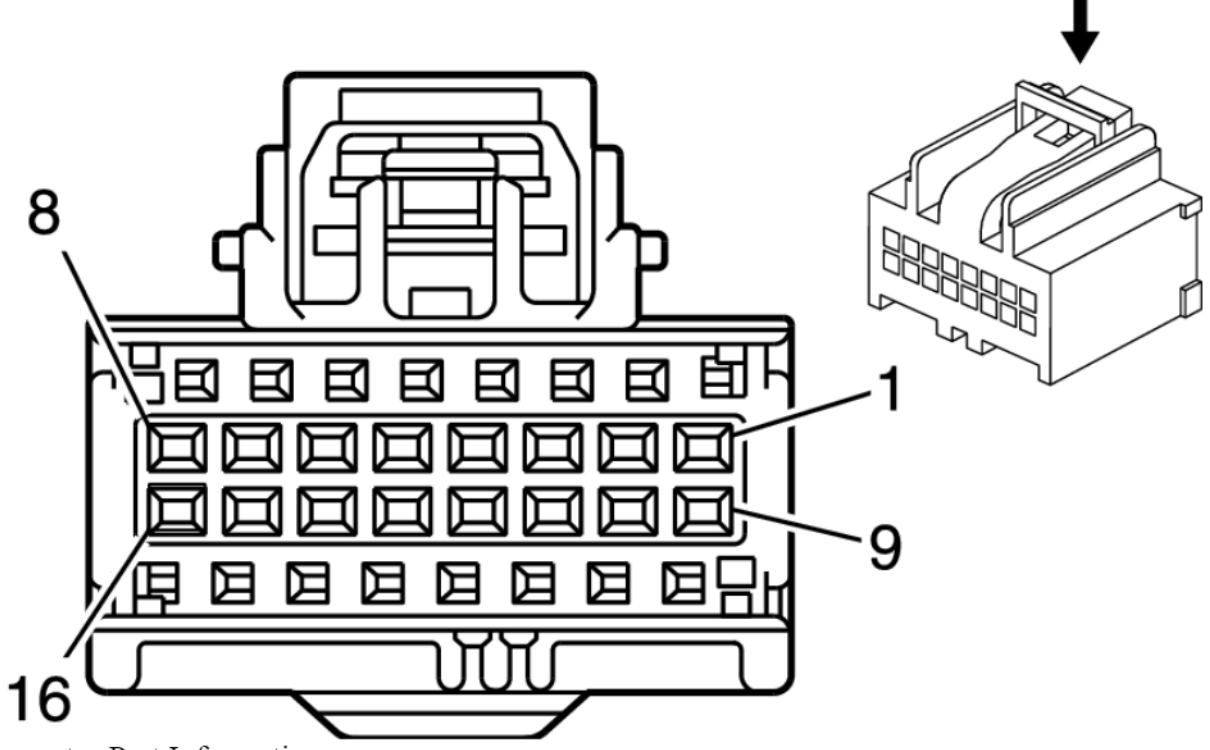
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	OG/BU	3068	Driver Side Impact Module High Control	I	-
14	0.5	GN/OG	3069	Driver Side Impact Module Low Control	I	-
15	0.5	BN/OG	3067	Passenger Side Impact Module Low Control	I	-
16	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
17	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
18	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-
19	0.5	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	-
20	0.5	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	-
21	0.5	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	-
22	0.5	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	-
23	0.5	OG/YE	354	Left Front Discriminating Sensor Signal	I	-
24	0.5	BK/OG	5045	Left Front Discriminating Sensor Low Reference	I	-
25	0.5	BK/OG	5600	Right Front Discriminating Sensor Low Reference	I	-
26	0.5	OG/GN	1409	Right Front Discriminating Sensor Signal	I	-
27	0.5	OG/BU	6620	Left Middle Side Impact Sensing Module Signal	I	-
28	0.5	BK/OG	6621	Left Middle Side Impact Sensing Module Low Reference	I	-
29	0.5	BK/OG	6625	Right Middle Side Impact Sensing Module Low Reference	I	-
30	0.5	OG/VT	6624	Right Middle Side Impact Sensing Module Signal	I	-
31	0.35	BN/YE	4038	Pedestrian Protection Safing Sensor Module Signal	I	B3T
32	0.35	BK/VT	4045	Pedestrian Protection Safing Sensor Module Low Reference	I	B3T
33 - 34	-	-	-	Not Occupied	-	-
35	0.5	VT/RD	7490	Right Hood Actuator High Control	I	B3T
36	0.5	BK/OG	7489	Right Hood Actuator Low Control	I	B3T

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
37	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
38	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-
39	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-
40	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
41	0.5	OG/BN	238	Driver Seat Belt Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
44	0.5	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
45	0.5	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
46	-	-	-	Not Occupied	-	-
47	0.5	OG/BN	7571	Passenger Seat Belt Reminder Signal	I	-
48 - 50	-	-	-	Not Occupied	-	-
51	0.35	BN/WH	4035	Pedestrian Protection Impact Sensing Module Low Reference	I	B3T
52	0.35	OG/VT	4034	Pedestrian Protection Impact Sensing Module Signal	I	B3T
53	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
54	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

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K39 LIFTGATE CONTROL MODULE X1 (HP9+(TC2/TL9))



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

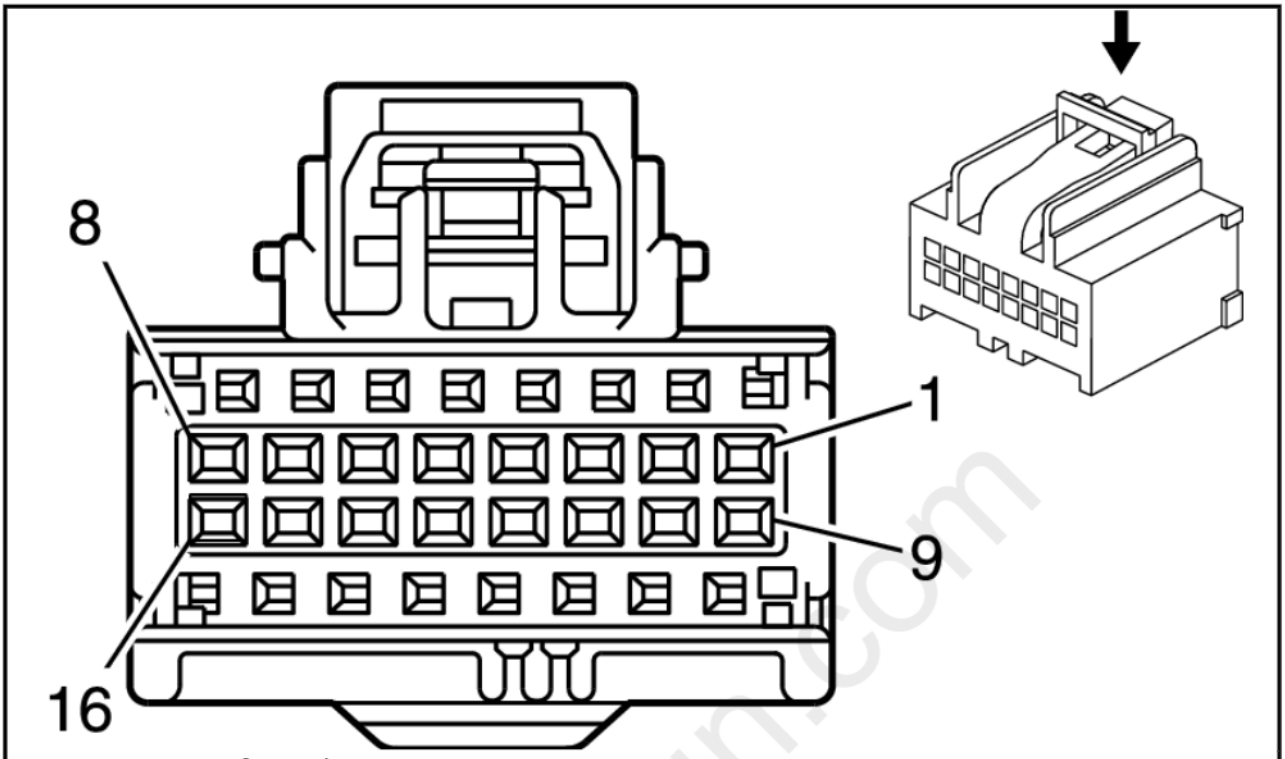
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	GN	3033	Lift Gate Shut Face Switch Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	BU/BK	6000	Lift Gate Ajar Switch Signal 2	I	-
6	0.35	YE	3988	Detent Lift Gate Signal	I	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BK	6113	Rear Lift Gate Open/Close Switch Signal	I	-
13	0.35	GY/WH	3034	Lift Gate Shut Face Switch LED Control	I	-
14	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	-	-	-	Not Occupied	-	-
16	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

K39 LIFTGATE CONTROL MODULE X1 (KL9+(TC2/TL9))



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

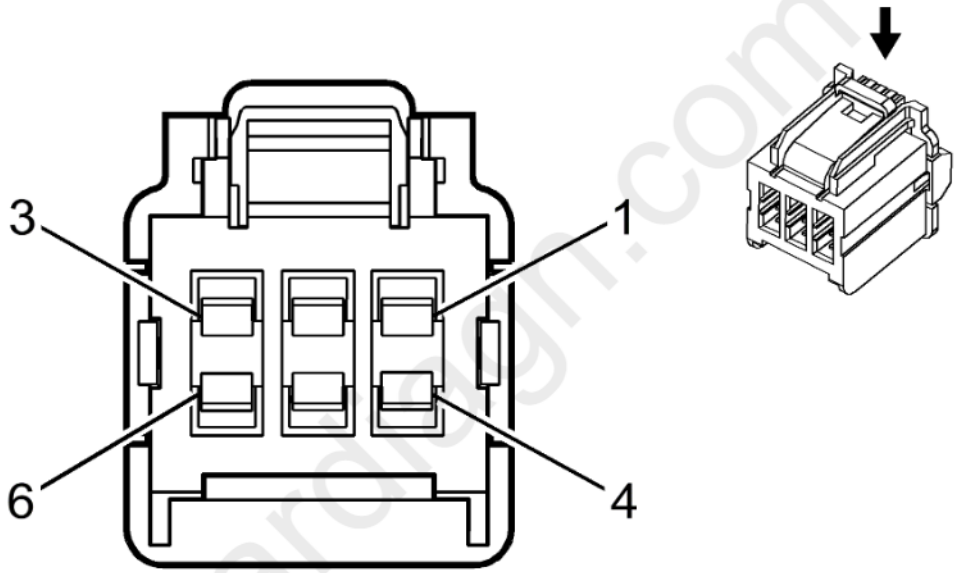
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	GN	3033	Lift Gate Shut Face Switch Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	BU/BK	6000	Lift Gate Ajar Switch Signal 2	I	-
6	0.35	YE	3988	Detent Lift Gate Signal	I	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8 - 11	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	GY/BK	6113	Rear Lift Gate Open/Close Switch Signal	I	-
13	0.35	GY/WH	3034	Lift Gate Shut Face Switch LED Control	I	-
14	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	I	-
15	0.5	GN/BN	4118	Local Interconnect Network Serial Data Bus 18	I	TC2
16	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

K39 LIFTGATE CONTROL MODULE X2 (HP9+(TC2/TL9))



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Connector Part Information

- Harness Type: Body
- OEM Connector: 13796274
- Service Connector: 13587181
- Description: 6-Way F 280 GT Series (BK)

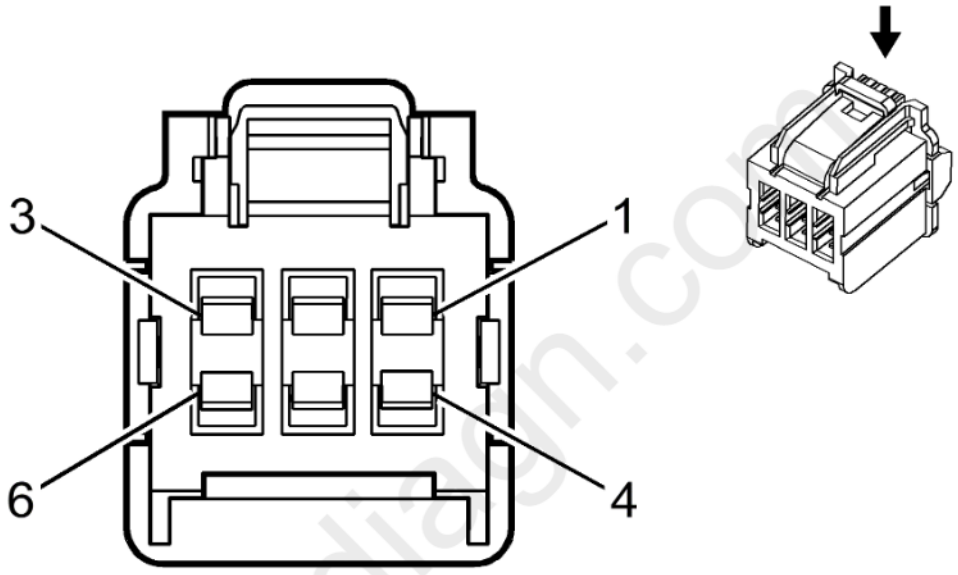
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	5790	Lift Gate Cinch Latch Motor Open Control	I	-
2	0.5	BU/GY	5791	Lift Gate Cinch Latch Motor Close Control	I	-
3	2.5	RD/VT	7140	Battery Positive Voltage	I	-
4	0.5	RD/GY	7040	Battery Positive Voltage	I	-
5	0.5	BARE	701	Low Reference	I	-
6	2.5	BK	3850	Ground	I	-

K39 LIFTGATE CONTROL MODULE X2 (KL9+(TC2/TL9))



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Connector Part Information

- Harness Type: Body
- OEM Connector: 13796274
- Service Connector: 13587181
- Description: 6-Way F 280 GT Series (BK)

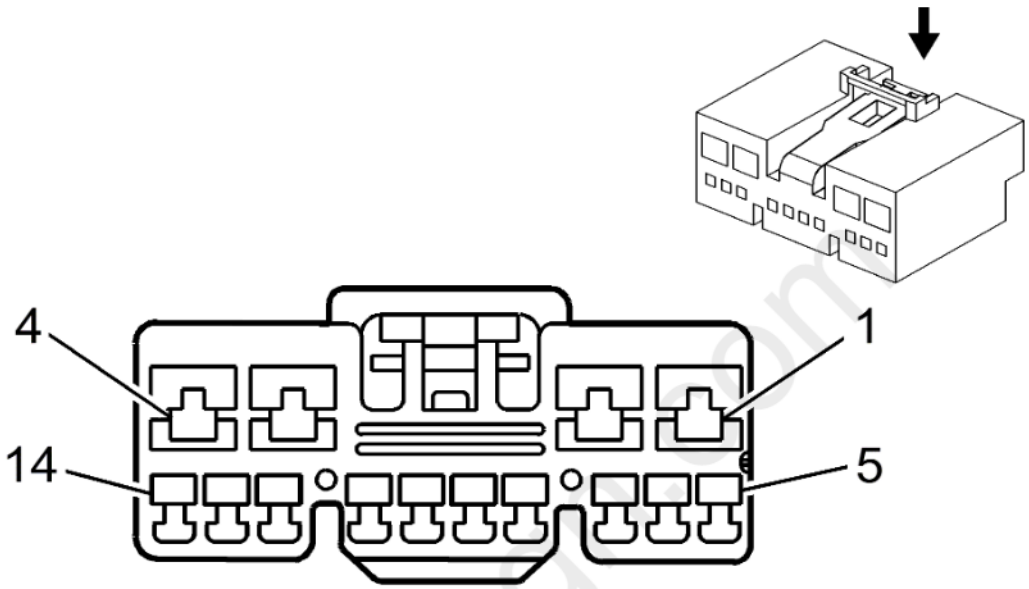
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	5790	Lift Gate Cinch Latch Motor Open Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.5	BU/GY	5791	Lift Gate Cinch Latch Motor Close Control	I	-
3	2.5	RD/VT	7140	Battery Positive Voltage	I	-
4	0.5	RD/GY	7040	Battery Positive Voltage	I	-
5	0.5	BARE	701	Low Reference	I	-
6	2.5	BK	3850	Ground	I	-

K39 LIFTGATE CONTROL MODULE X3 (HP9+(TC2/TL9))



Connector Part Information

- Harness Type: Body
- OEM Connector: 15466088
- Service Connector: 19179972
- Description: 14-Way F 0.64, 2.8 YESC Series (L-GY)

Terminal Part Information

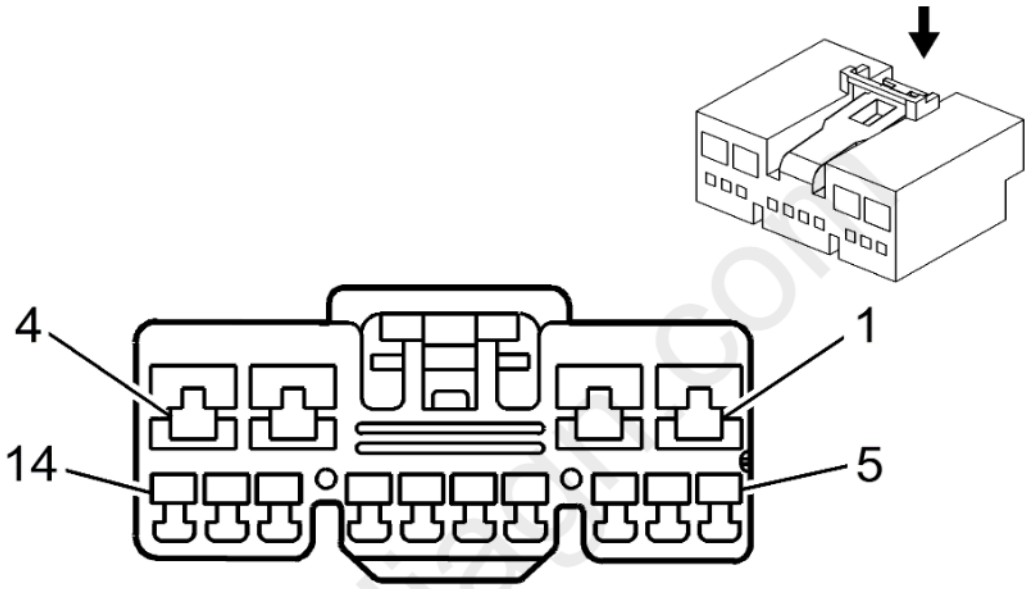
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575847	J-35616-64B (LT BU)	J-38125-553	7116-4720-02	Yazaki 14	H	H
II	13580025	J-35616-4A (PU)	J-38125-11A	7116-4112-02	Yazaki 9	C	D

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BN/WH	5799	Lift Gate Open/Close Motor Close Control	II	-
2	2.5	WH	5798	Lift Gate Open/Close Motor Open Control	II	-
3 - 7	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	BN/RD	5803	Lift Gate Position Sensor 5V Reference	I	-
9	0.35	BU/WH	5805	Lift Gate Position Sensor Signal 1	I	-
10	0.35	BN/YE	5806	Lift Gate Position Sensor Signal 2	I	-
11	0.35	BK/GN	5804	Lift Gate Position Sensor Low Reference	I	-
12 - 13	-	-	-	Not Occupied	-	-
14	0.35	BARE	3015	Lift Gate Open/Close Motor Low Reference	I	-

K39 LIFTGATE CONTROL MODULE X3 (KL9+(TC2/TL9))



Connector Part Information

- Harness Type: Body
- OEM Connector: 15466088
- Service Connector: 19179972
- Description: 14-Way F 0.64, 2.8 YESC Series (L-GY)

Terminal Part Information

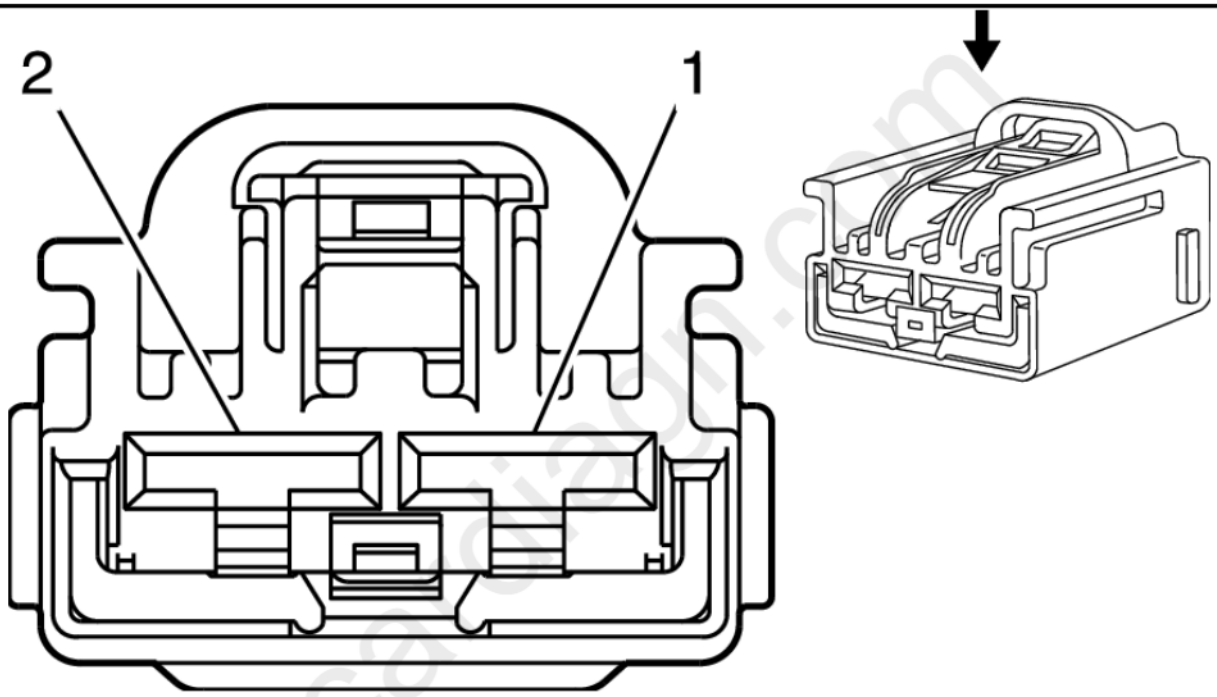
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575847	J-35616-64B (LT BU)	J-38125-553	7116-4720-02	Yazaki 14	H	H
II	13580025	J-35616-4A (PU)	J-38125-11A	7116-4112-02	Yazaki 9	C	D

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BN/WH	5799	Lift Gate Open/Close Motor Close Control	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	2.5	WH	5798	Lift Gate Open/Close Motor Open Control	II	-
3 - 7	-	-	-	Not Occupied	-	-
8	0.35	BN/RD	5803	Lift Gate Position Sensor 5V Reference	I	-
9	0.35	BU/WH	5805	Lift Gate Position Sensor Signal 1	I	-
10	0.35	BN/YE	5806	Lift Gate Position Sensor Signal 2	I	-
11	0.35	BK/GN	5804	Lift Gate Position Sensor Low Reference	I	-
12 - 13	-	-	-	Not Occupied	-	-
14	0.35	BARE	3015	Lift Gate Open/Close Motor Low Reference	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X1



Connector Part Information

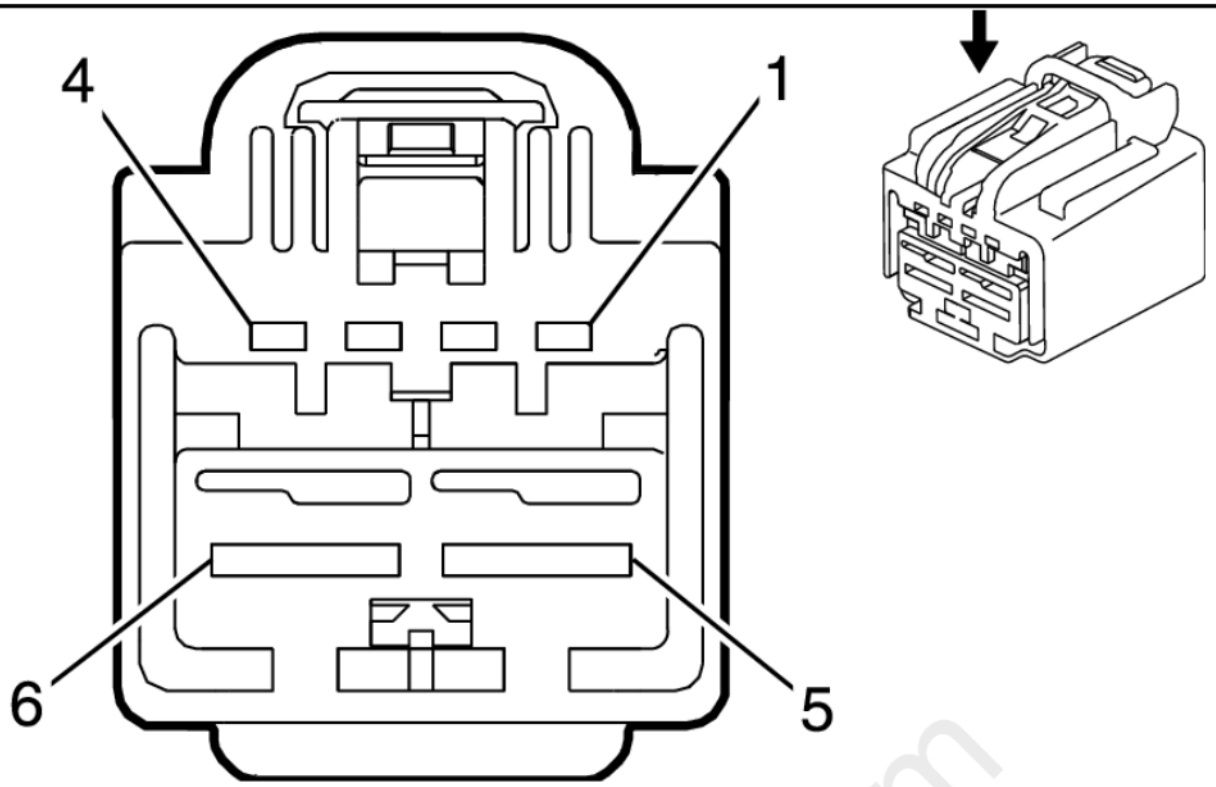
- Harness Type: Driver Seat
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	2042	Battery Positive Voltage	I	-
2	2.5	RD/WH	5540	Battery Positive Voltage	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X2



Connector Part Information

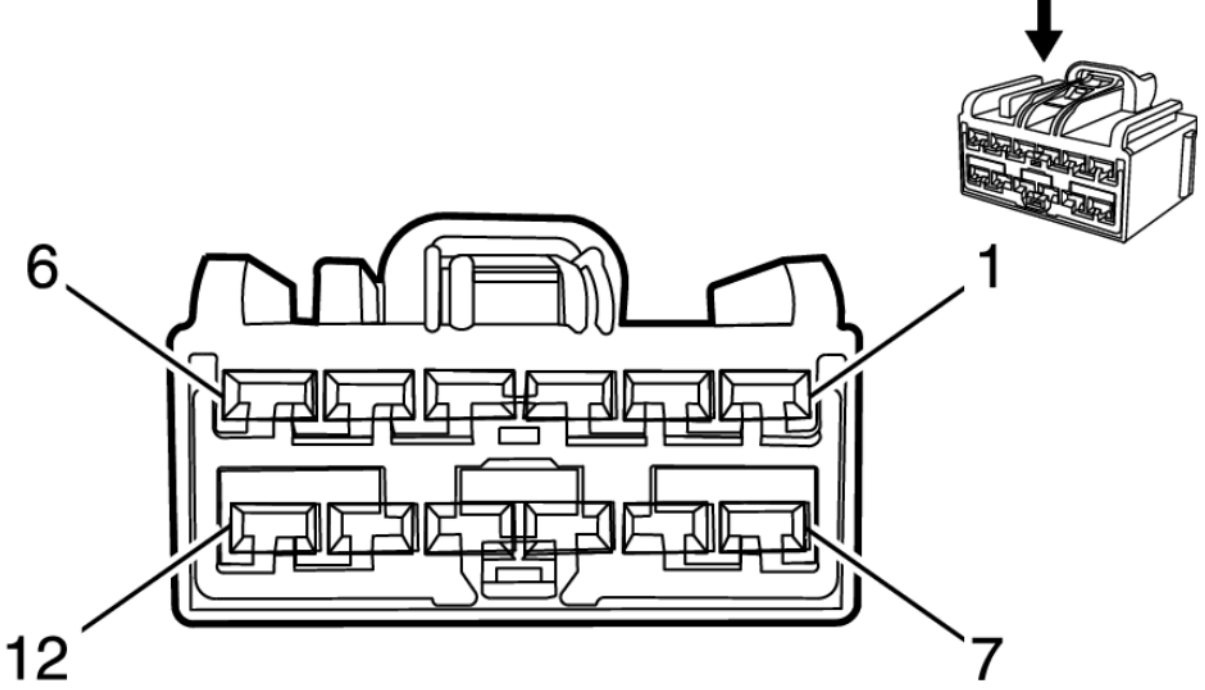
- Harness Type: Driver Seat
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
4	0.35	GN/GY	3758	Local Interconnect Network Serial Data Bus 13	I	-
5	2.5	BK	2150	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X3



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 19178907
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Terminal Part Information

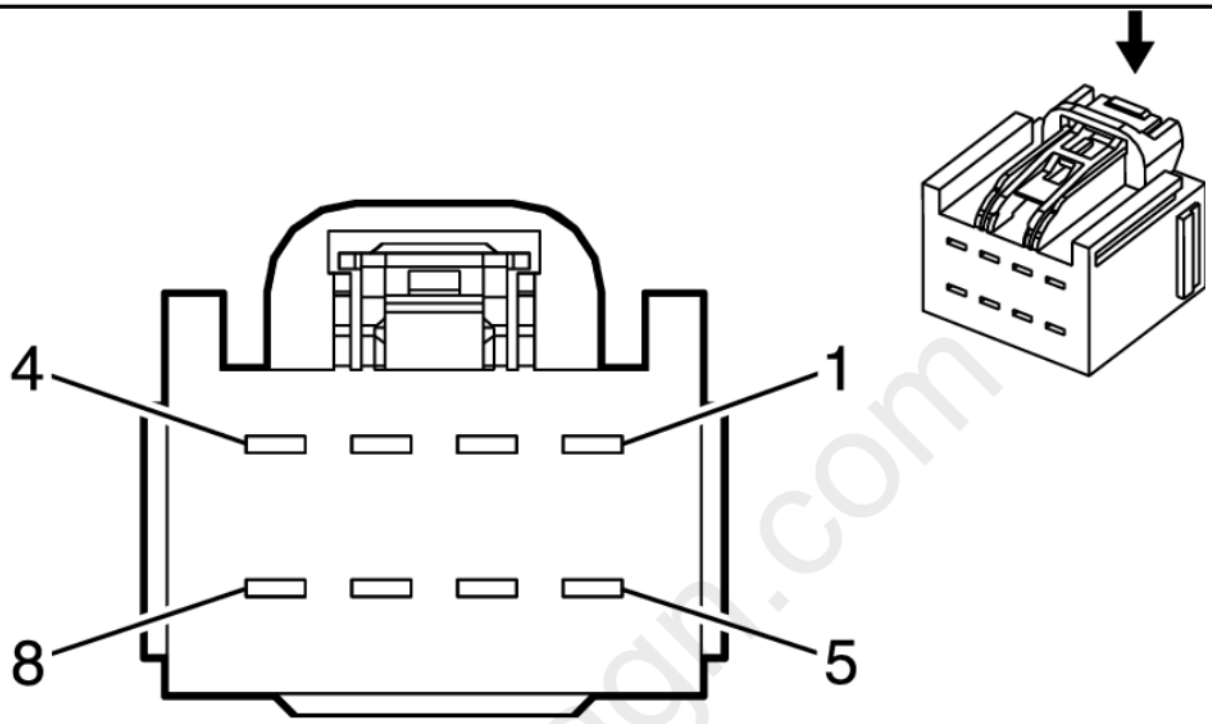
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/YE	276	Driver Power Seat Recline Motor Forward Control	I	-
2	1.5	BU/YE	277	Driver Power Seat Recline Motor Rearward Control	I	-
3	1.5	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	-
4	1.5	BU/VT	287	Driver Power Seat Front Vertical Motor Down Control	I	-
5	1.5	YE	282	Driver Power Seat Rear Vertical Motor Up Control	I	-
6	1.5	GY/BU	283	Driver Power Seat Rear Vertical Motor Down Control	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.75	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	AL2

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.75	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	AL2
11	-	-	-	Not Occupied	-	-
12	1.5	GY/GN	284	Driver Power Seat Horizontal Motor Rearward Control	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X4 (AQ9)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13581036
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (L-GY)

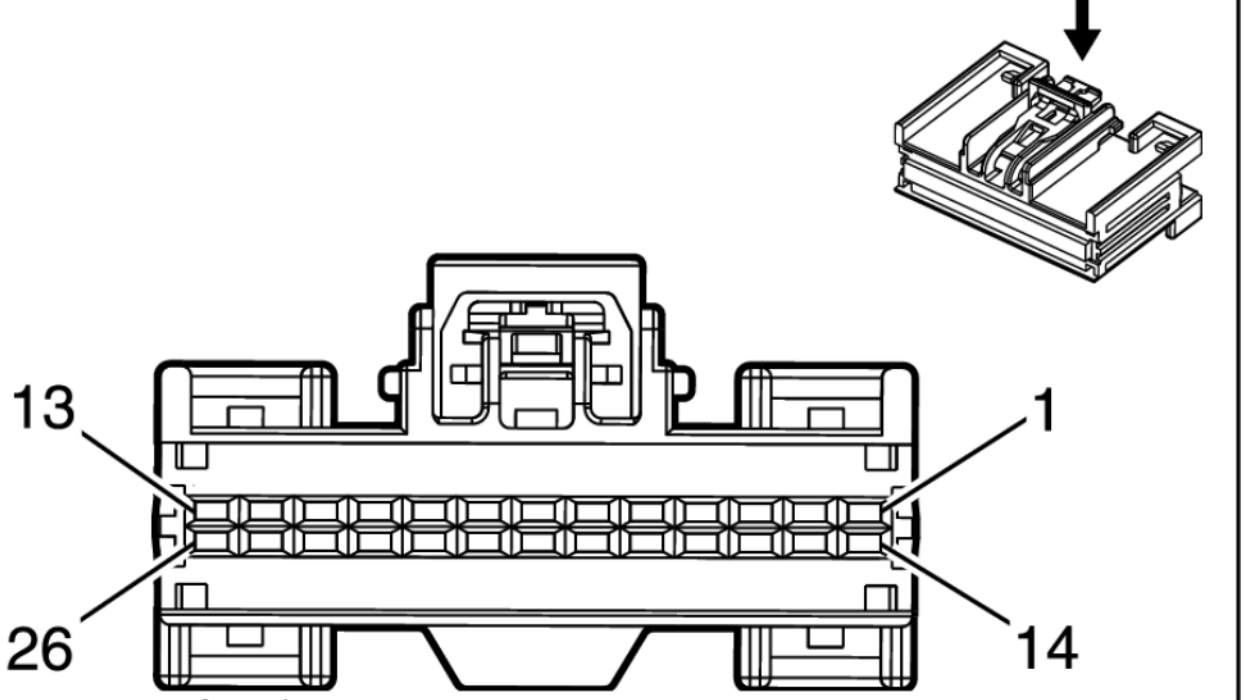
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BN	9013	Upper Seat Back Motor - Left Rear Forward Control	I	-
2	0.75	YE/BU	9014	Upper Seat Back Motor - Left Rear Rearward Control	I	-
3 - 8	-	-	-	Not Occupied	-	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X5



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13581049
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way F 0.64 Series (BK)

Terminal Part Information

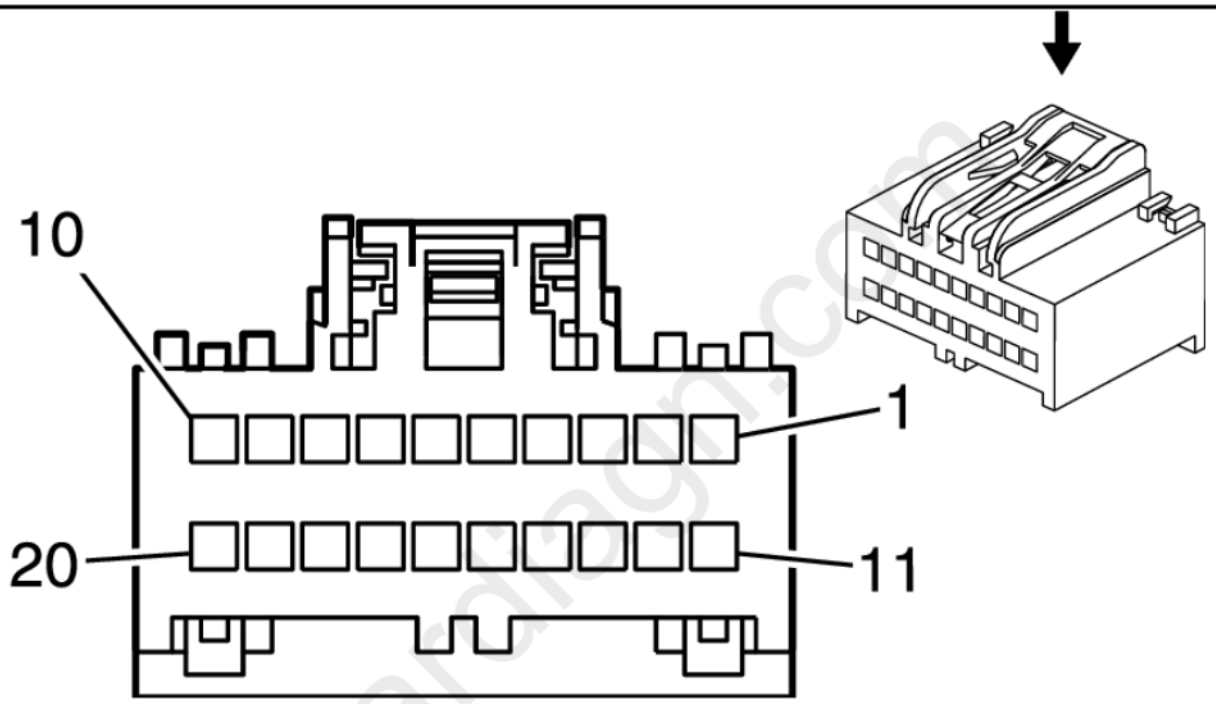
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	BN	3038	Right Rear Haptic Seat Motor Control	I	UEU/UHX
5	0.35	YE/BN	3037	Left Rear Haptic Seat Motor Control	I	UEU/UHX
6	0.35	BK/GY	6206	Memory Sensor Low Reference	I	AL2
7 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13	0.35	WH/RD	6207	Memory Sensor High Reference	I	AL2
14 - 23	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
24	0.35	YE	1063	Driver Memory Seat Lumbar Horizontal Position Sensor Signal	I	AL2
25	0.35	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	-
26	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	I	-

K40D SEAT MEMORY CONTROL MODULE - DRIVER X6



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

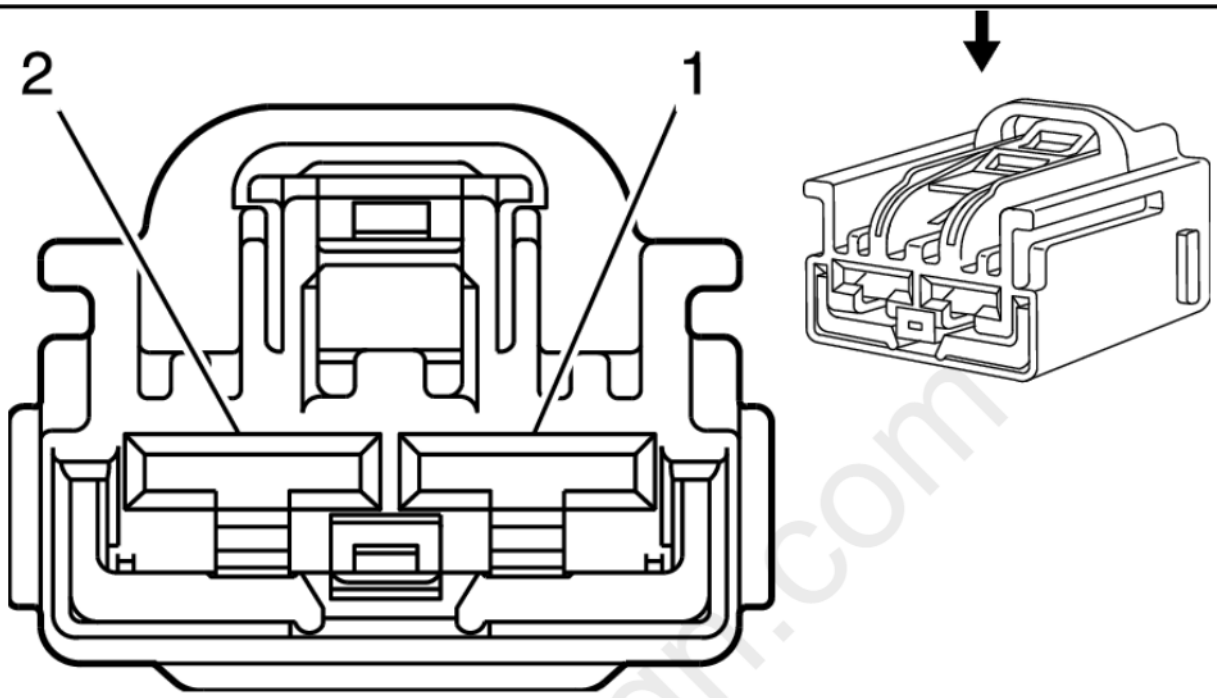
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	WH	9012	5V Reference	I	AQ9
5 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/BU	5978	Memory Switch Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	WH	615	Memory Seat Switch Signal 1	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
16 - 20	-	-	-	Not Occupied	-	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X1 (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

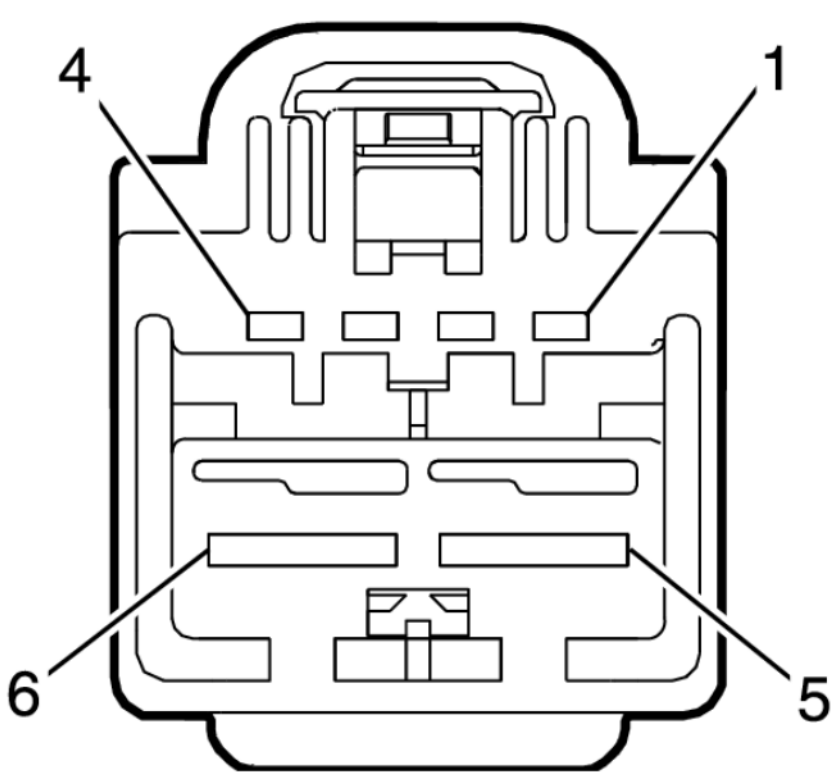
Terminal Part Information

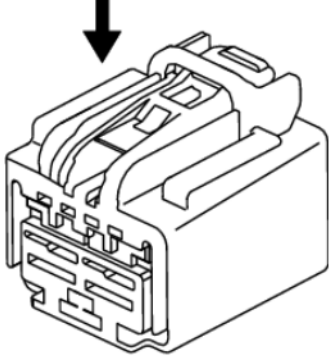
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	7540	Battery Positive Voltage	I	-
2	2.5	RD/WH	5740	Battery Positive Voltage	I	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X2 (AQ9)

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Connector Part Information

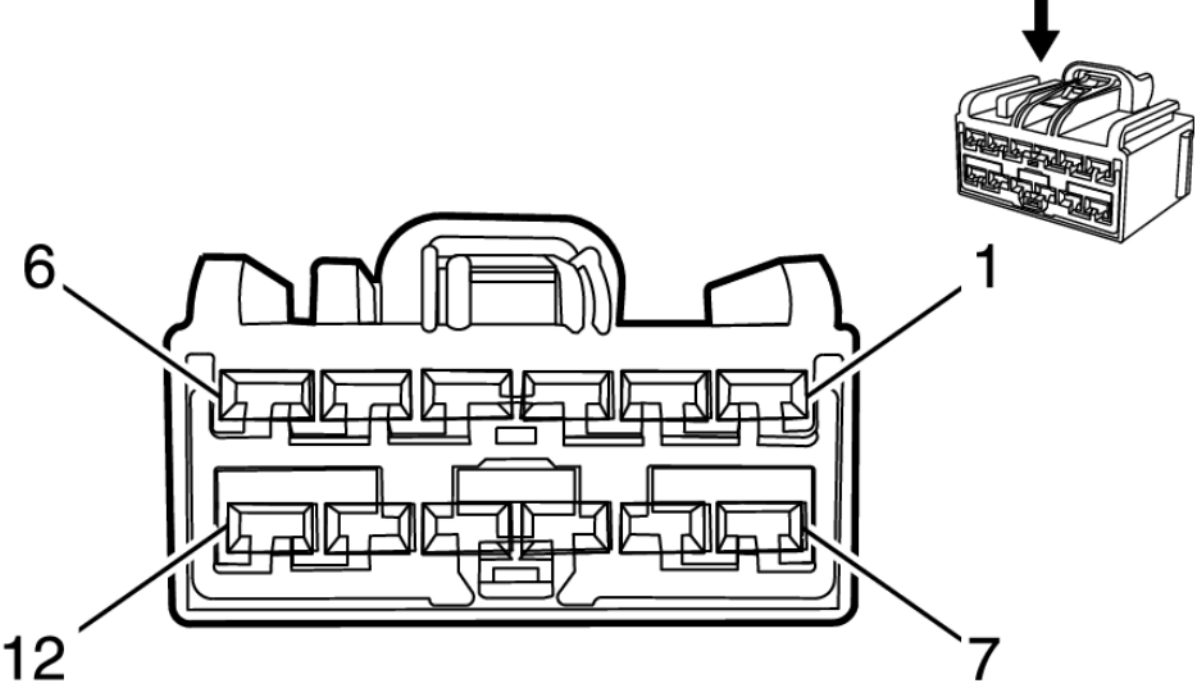
- Harness Type: Left Rear Seat
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/BN	7529	Local Interconnect Network Serial Data Bus 7	I	-
5	2.5	BK	2350	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X3 (AQ9)



Connector Part Information

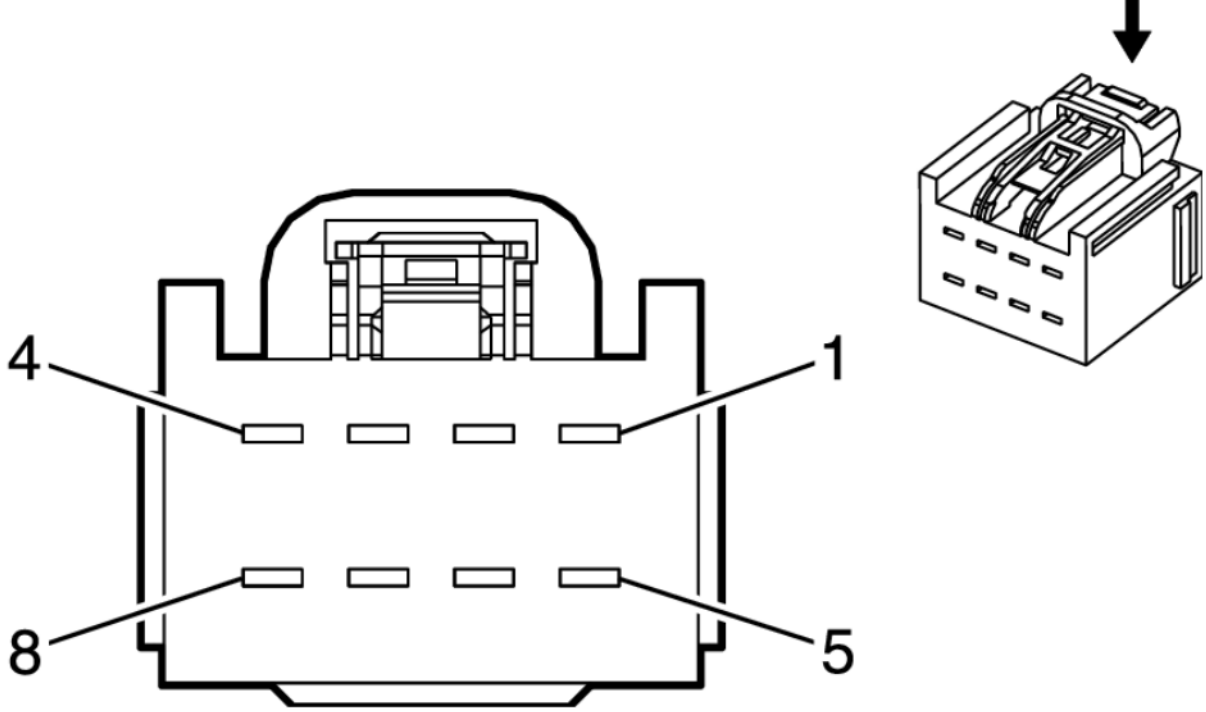
- Harness Type: Left Rear Seat
- OEM Connector: 19178907
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
4	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
5 - 10	-	-	-	Not Occupied	-	-
11	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
12	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X4 (AQ9)



Connector Part Information

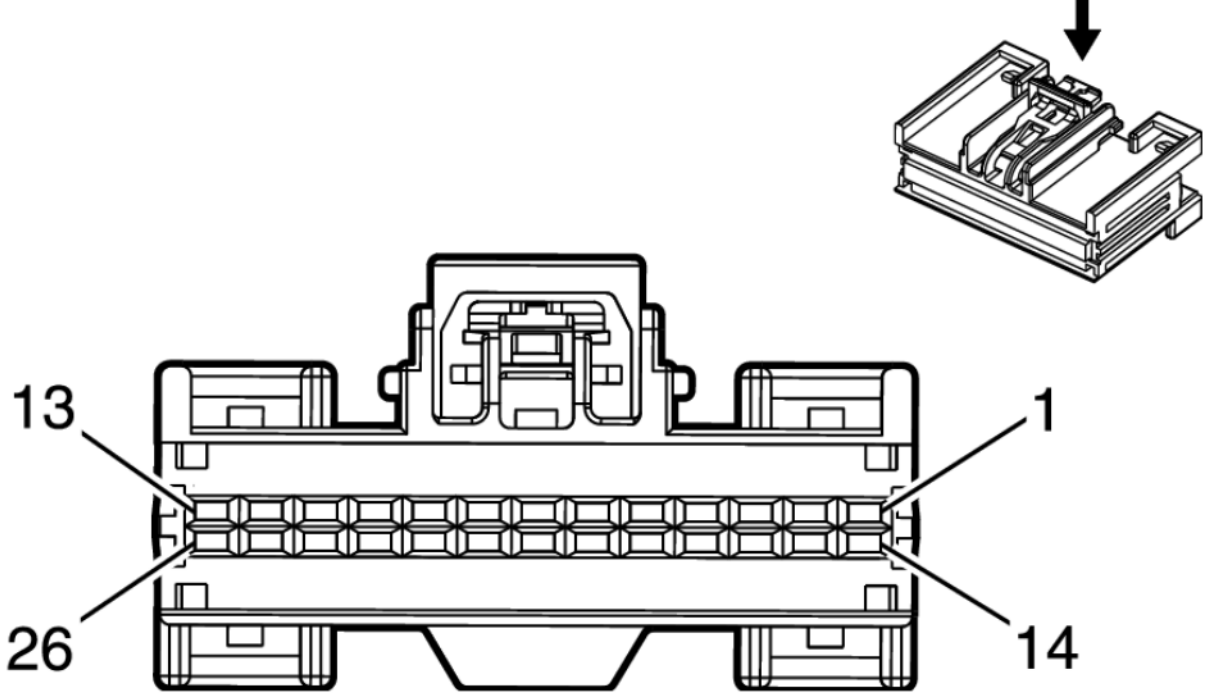
- Harness Type: Left Rear Seat
- OEM Connector: 13581036
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BN	9051	Left Rear Upper Seat Back Motor Forward Control	I	-
2	0.75	YE/BU	9052	Left Rear Upper Seat Back Motor Rearward Control	I	-
3 - 8	-	-	-	Not Occupied	-	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X5 (AQ9)



Connector Part Information

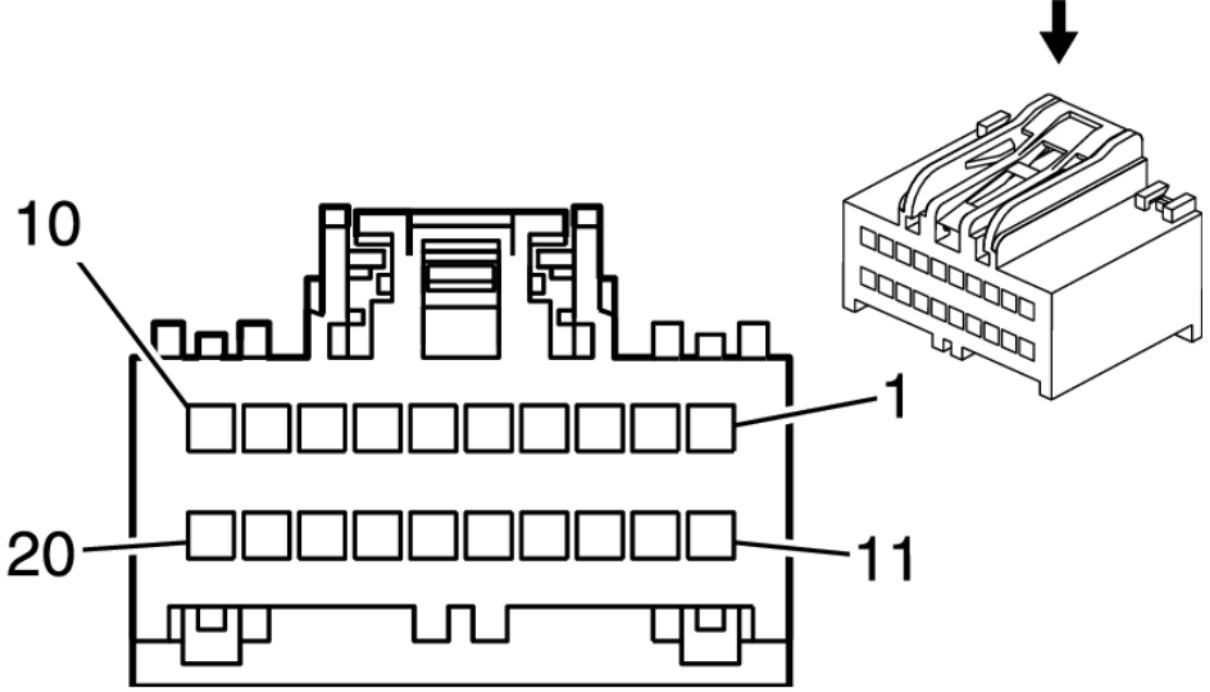
- Harness Type: Left Rear Seat
- OEM Connector: 13581049
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/BU	3298	Memory Sensor High Reference 2	I	-
2 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13 - 26	-	-	-	Not Occupied	-	-

K40LR SEAT MEMORY CONTROL MODULE - LEFT REAR X6 (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

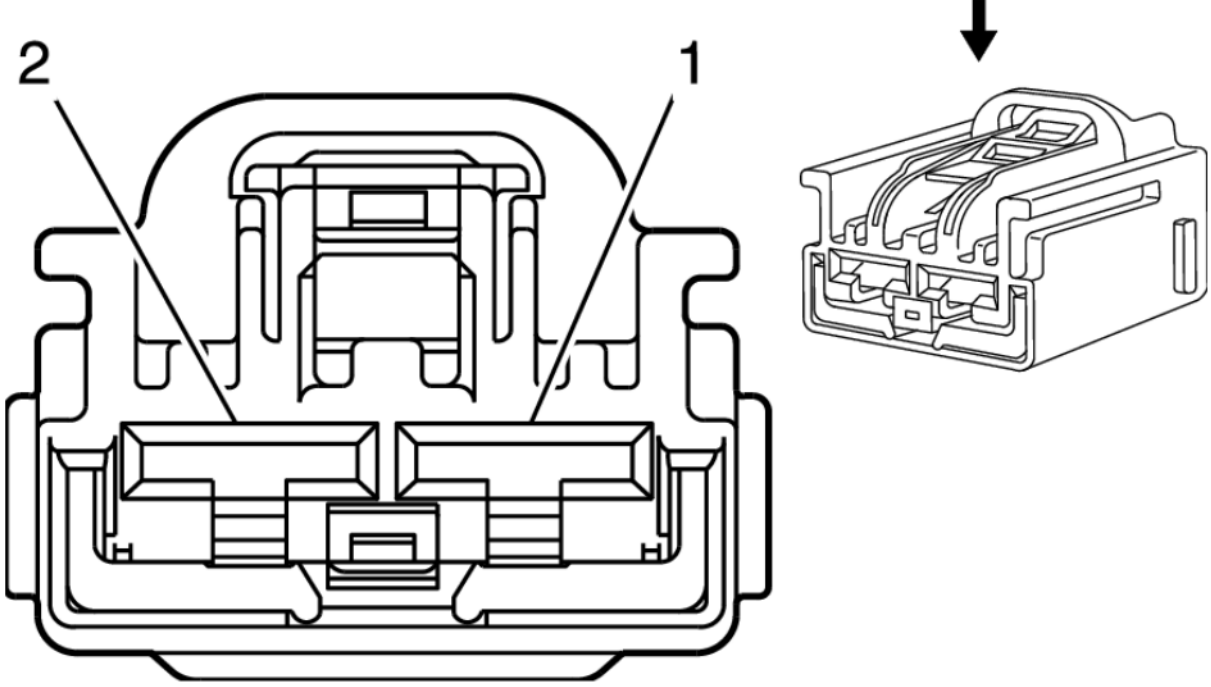
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	WH	9050	Left Rear Upper Seat Back Motor Sensor Signal	I	-
5 - 11	-	-	-	Not Occupied	-	-
12	0.35	VT/BN	616	Memory Seat Switch Signal 2	I	-
13 - 20	-	-	-	Not Occupied	-	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X1

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

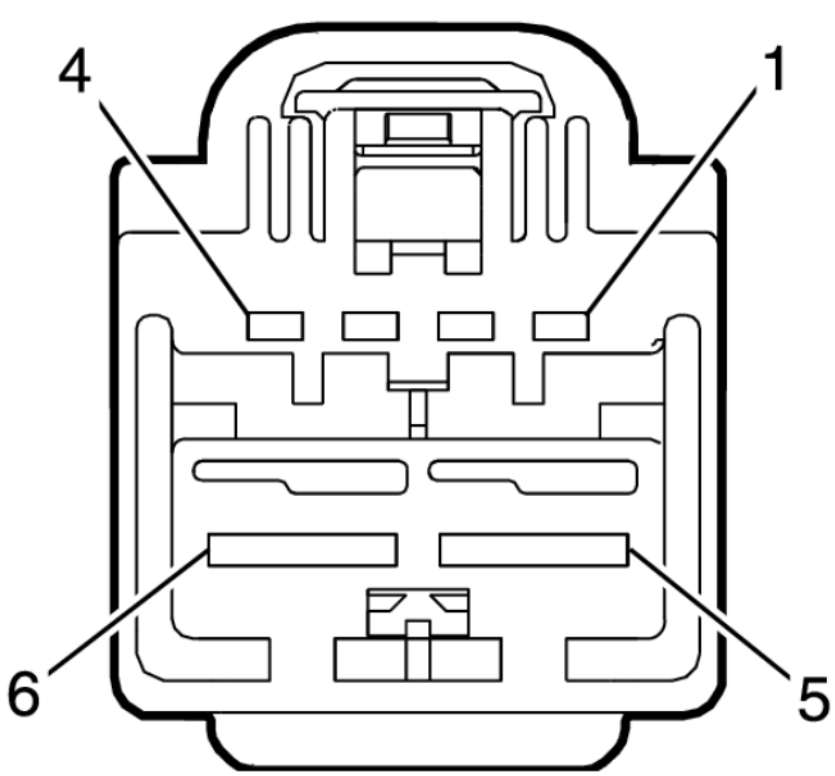
Terminal Part Information

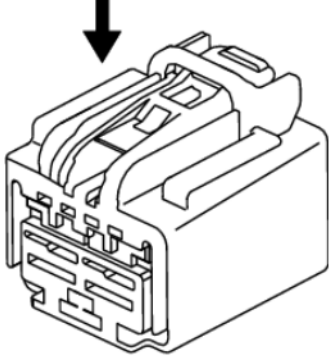
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	2042	Battery Positive Voltage	I	-
2	2.5	RD/BN	6640	Battery Positive Voltage	I	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X2

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

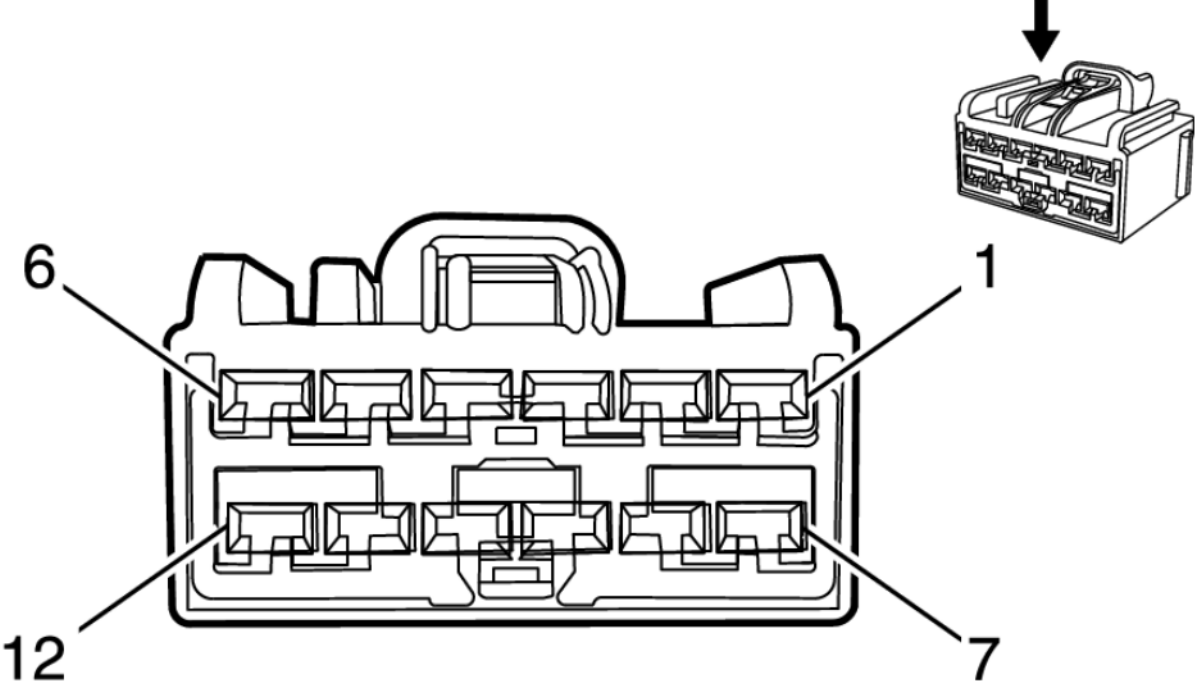
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	4116	Local Interconnect Network Serial Data Bus 16	I	AQ9
5	2.5	BK	2250	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X3

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 19178907
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Terminal Part Information

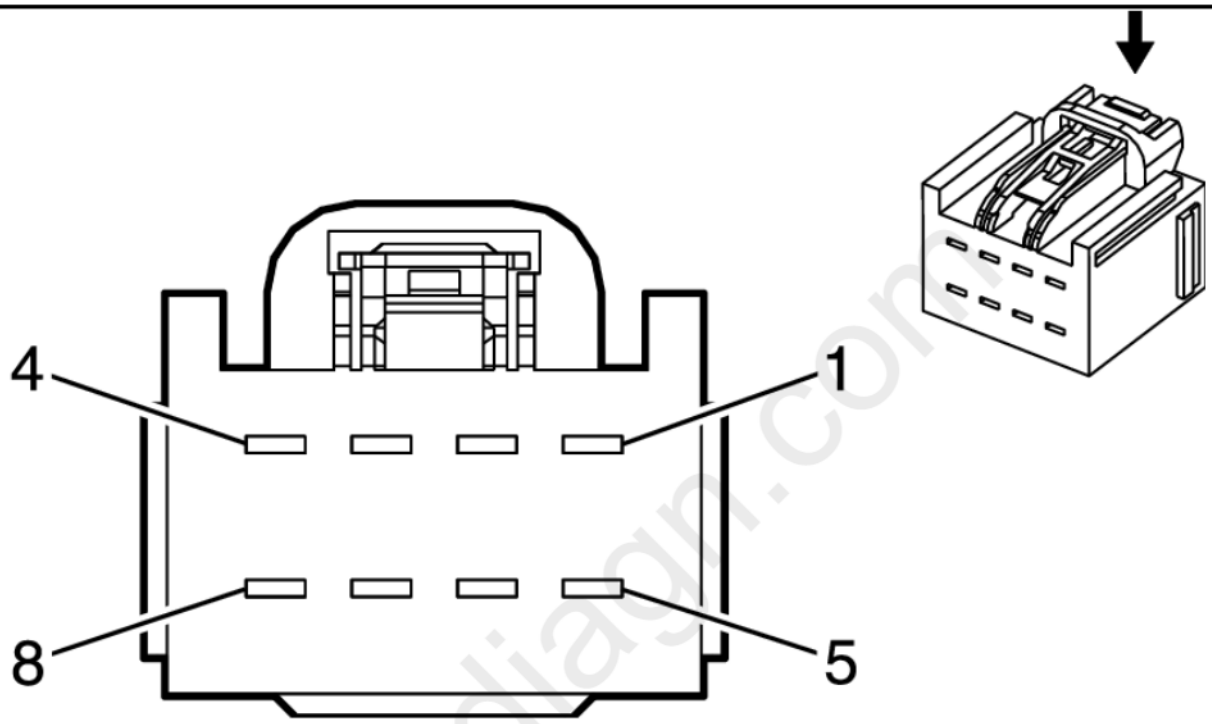
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-
2	1.5	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
3	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
4	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
5	1.5	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-
6	1.5	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.75	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	AL2

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	AL2
11	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
12	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X4 (AQ9)



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13581036
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (L-GY)

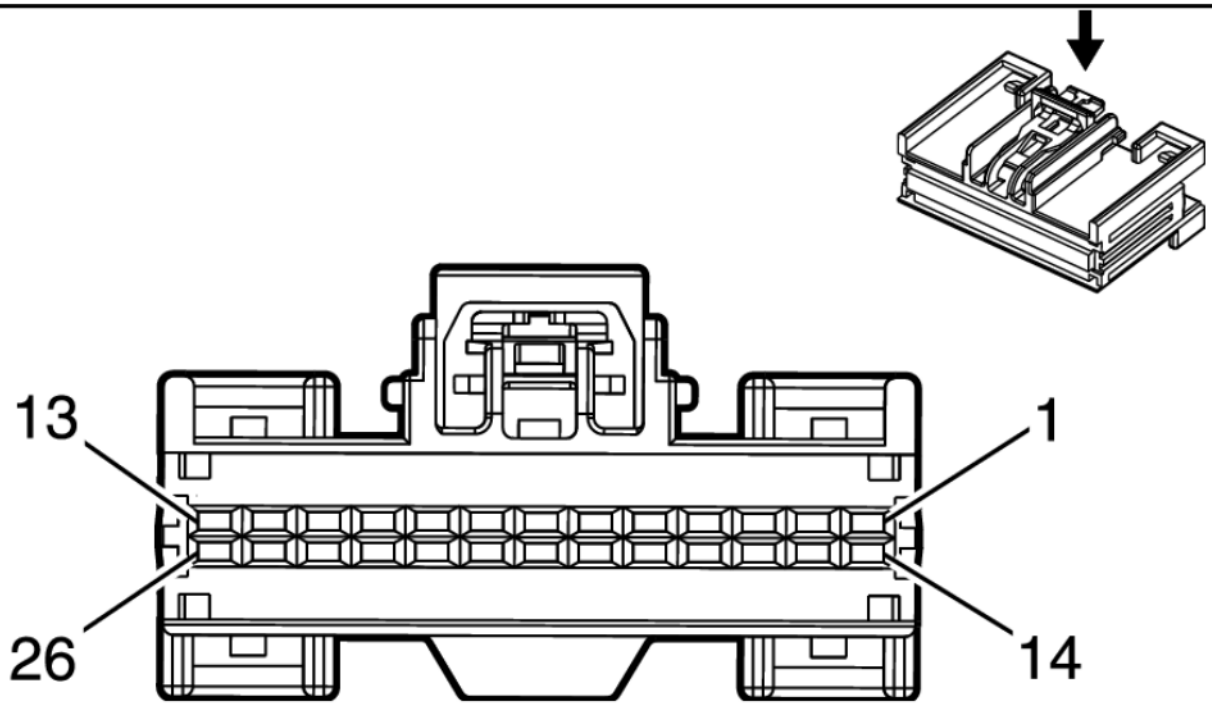
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/YE	9016	Upper Seat Back Motor - Right Rear Forward Control	I	-
2	0.75	BU/YE	9017	Upper Seat Back Motor - Right Rear Rearward Control	I	-
3 - 8	-	-	-	Not Occupied	-	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X5



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13581049
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way F 0.64 Series (BK)

Terminal Part Information

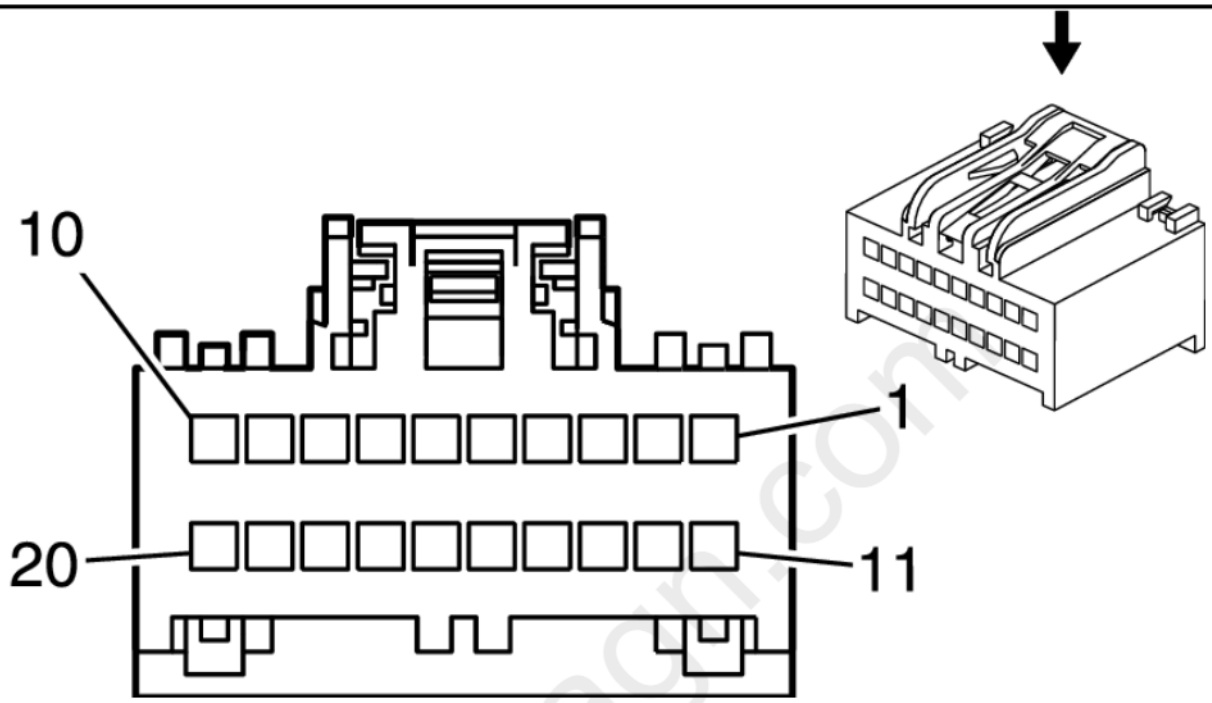
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/RD	3298	Memory Sensor High Reference 2	I	-
2 - 5	-	-	-	Not Occupied	-	-
6	0.35	BK/GY	6206	Memory Sensor Low Reference	I	AL2
7 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13	0.35	WH/RD	6207	Memory Sensor High Reference	I	AL2
14 - 23	-	-	-	Not Occupied	-	-
24	0.35	YE	1063	Driver Memory Seat Lumbar Horizontal Position Sensor Signal	I	AL2

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
25	0.35	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	-
26	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	I	-

K40P SEAT MEMORY CONTROL MODULE - PASSENGER X6



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

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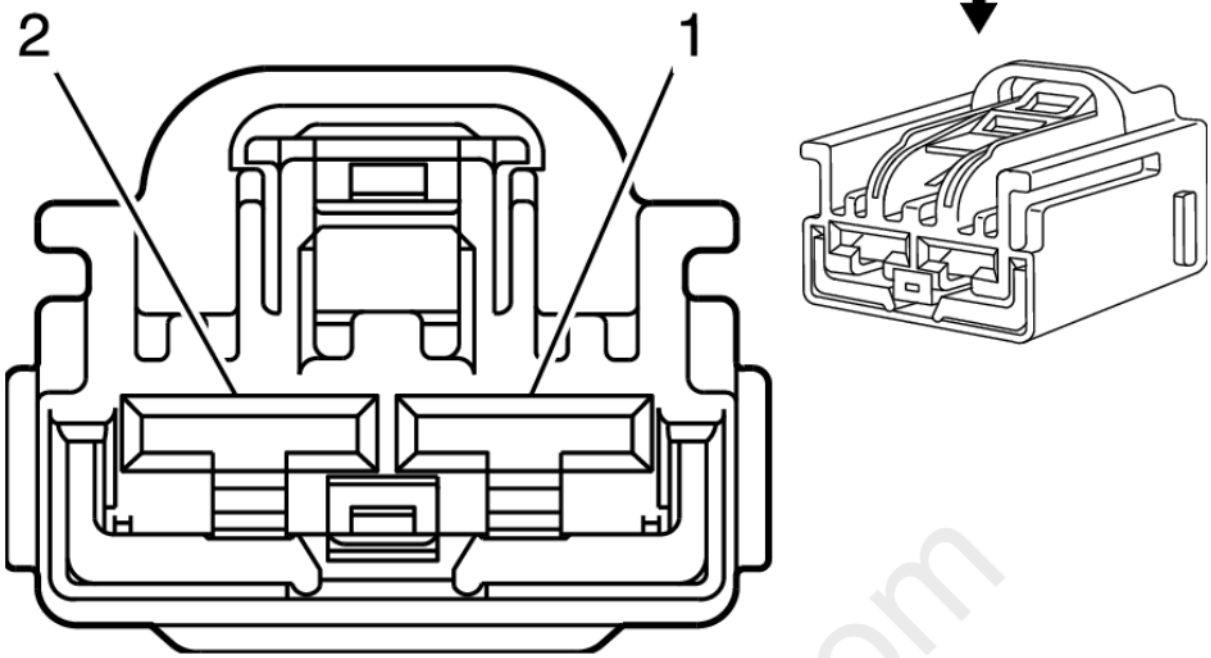
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	9015	5V Reference	I	AQ9
5 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
12	0.35	WH	615	Memory Seat Switch Signal 1	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16 - 20	-	-	-	Not Occupied	-	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X1 (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

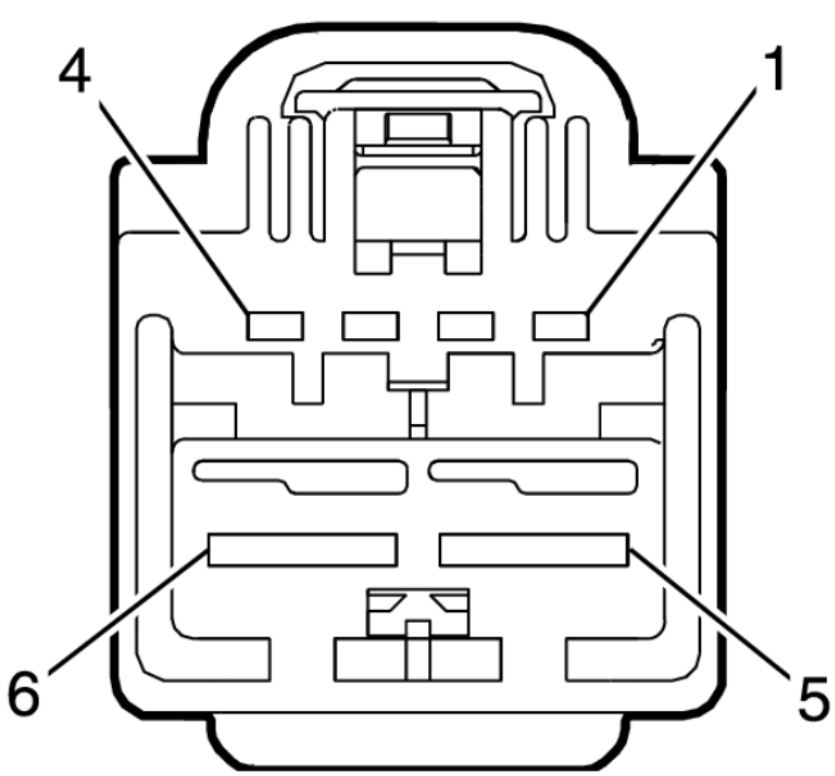
Terminal Part Information

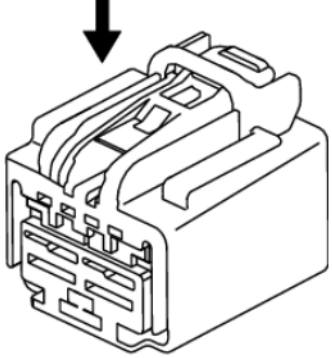
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/BN	7540	Battery Positive Voltage	I	-
2	2.5	RD/YE	5840	Battery Positive Voltage	I	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X2 (AQ9)

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Connector Part Information

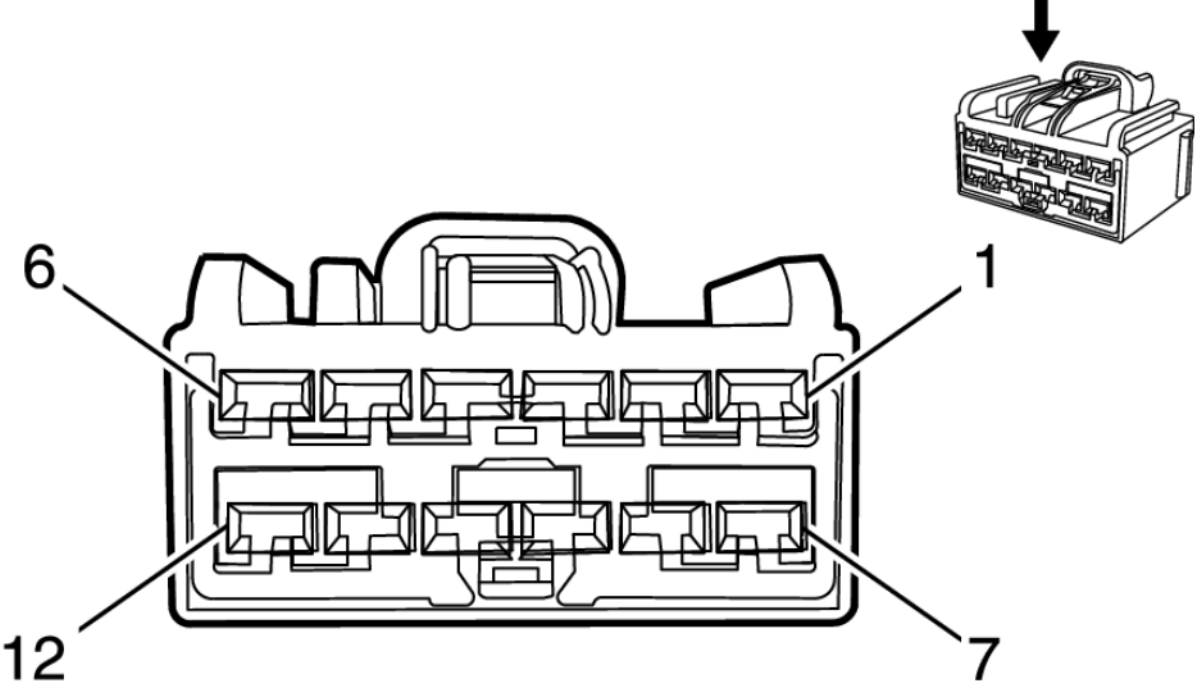
- Harness Type: Right Rear Seat
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/VT	4114	Local Interconnect Network Serial Data Bus 14	I	-
5	2.5	BK	2450	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X3 (AQ9)



Connector Part Information

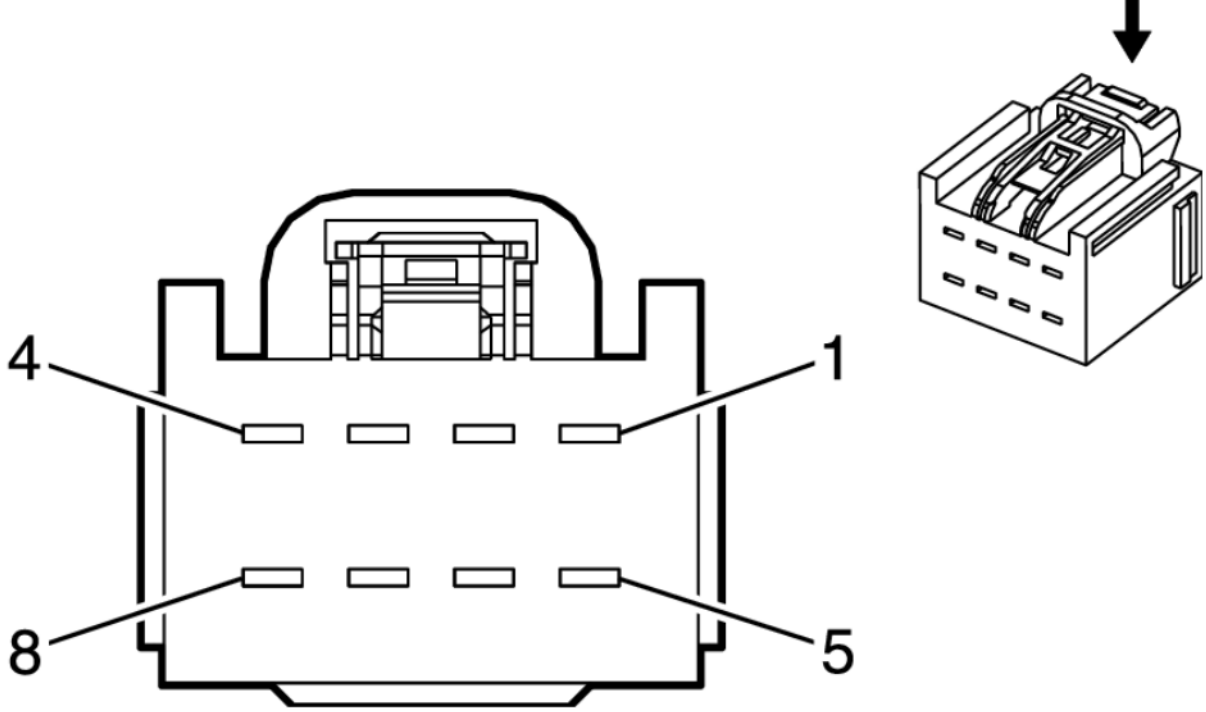
- Harness Type: Right Rear Seat
- OEM Connector: 19178907
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
4	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
5 - 10	-	-	-	Not Occupied	-	-
11	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
12	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X4 (AQ9)



Connector Part Information

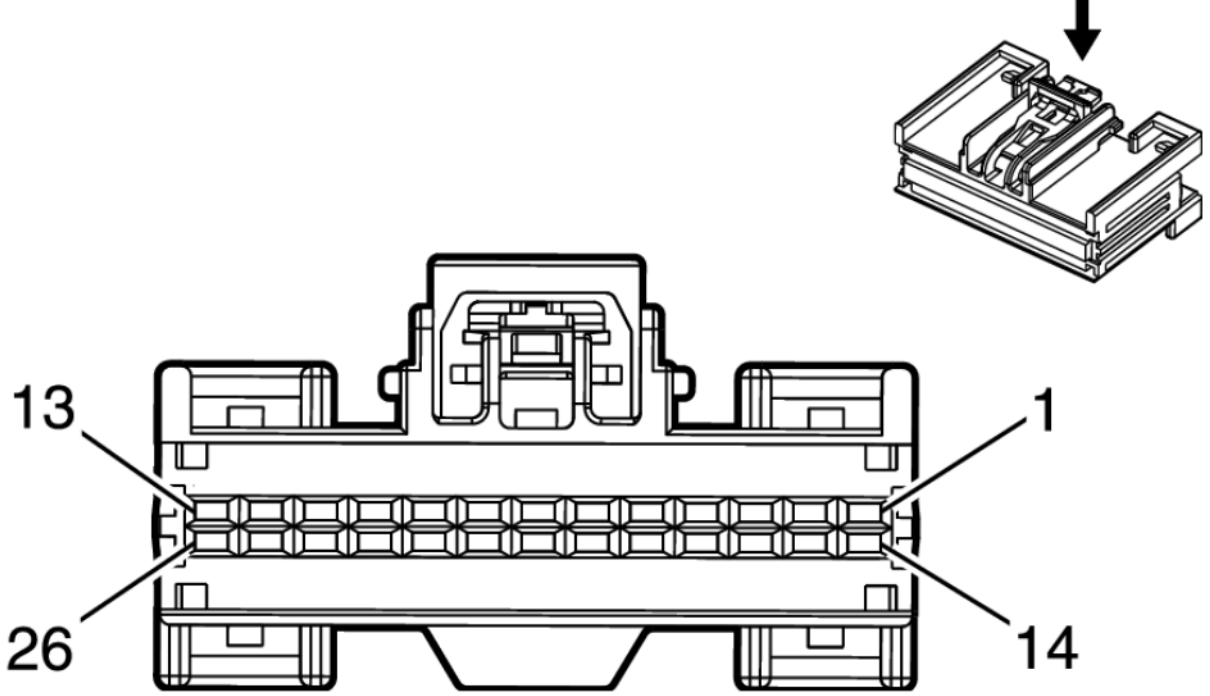
- Harness Type: Right Rear Seat
- OEM Connector: 13581036
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/YE	9054	Right Rear Upper Seat Back Motor Forward Control	I	-
2	0.75	BU/YE	9055	Right Rear Upper Seat Back Motor Rearward Control	I	-
3 - 8	-	-	-	Not Occupied	-	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X5 (AQ9)



Connector Part Information

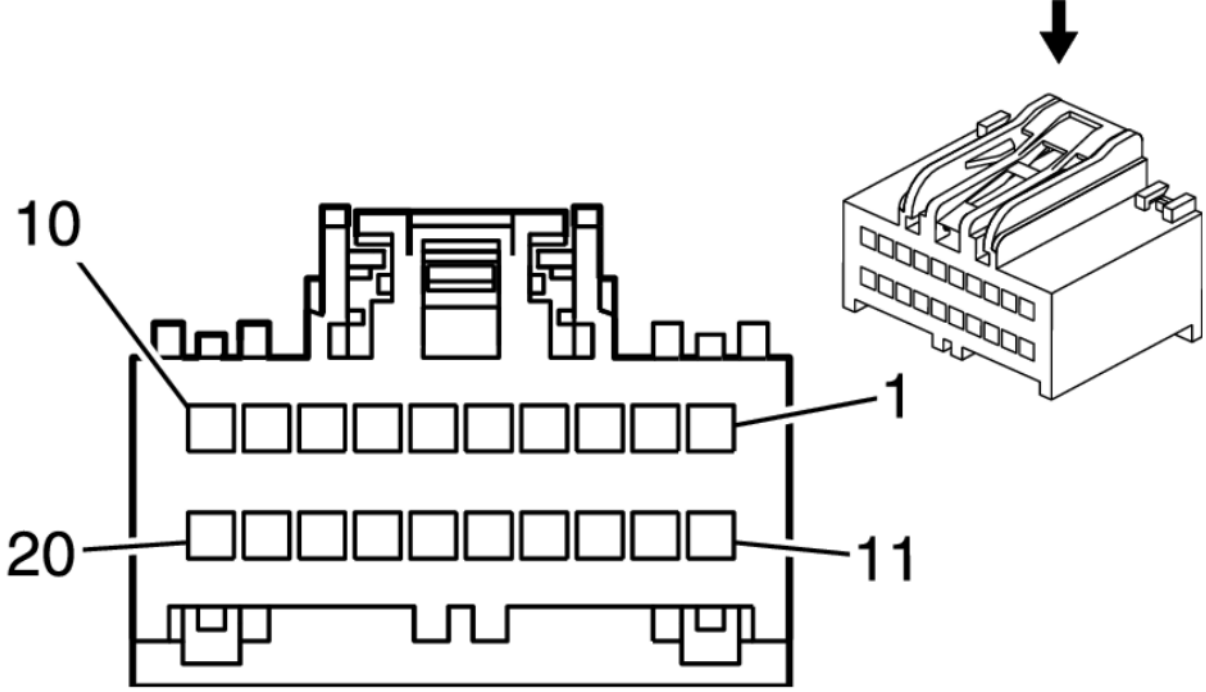
- Harness Type: Right Rear Seat
- OEM Connector: 13581049
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/RD	3298	Memory Sensor High Reference 2	I	-
2 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13 - 26	-	-	-	Not Occupied	-	-

K40RR SEAT MEMORY CONTROL MODULE - RIGHT REAR X6 (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

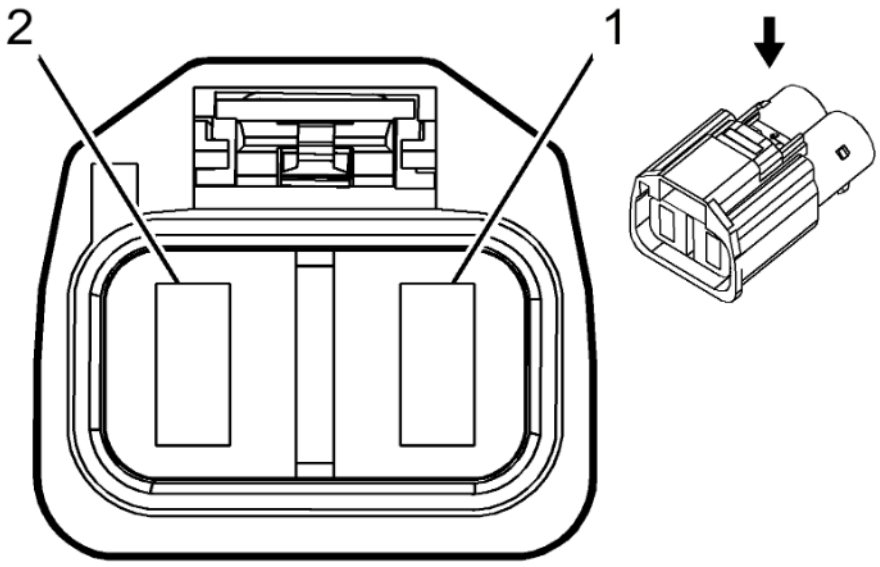
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	9053	Right Rear Upper Seat Back Motor Sensor Signal	I	-
5 - 11	-	-	-	Not Occupied	-	-
12	0.35	WH	615	Memory Seat Switch Signal 1	I	-
13 - 20	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X1

cardiagn.com



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13741946
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 9.5 Series, Sealed (BK)

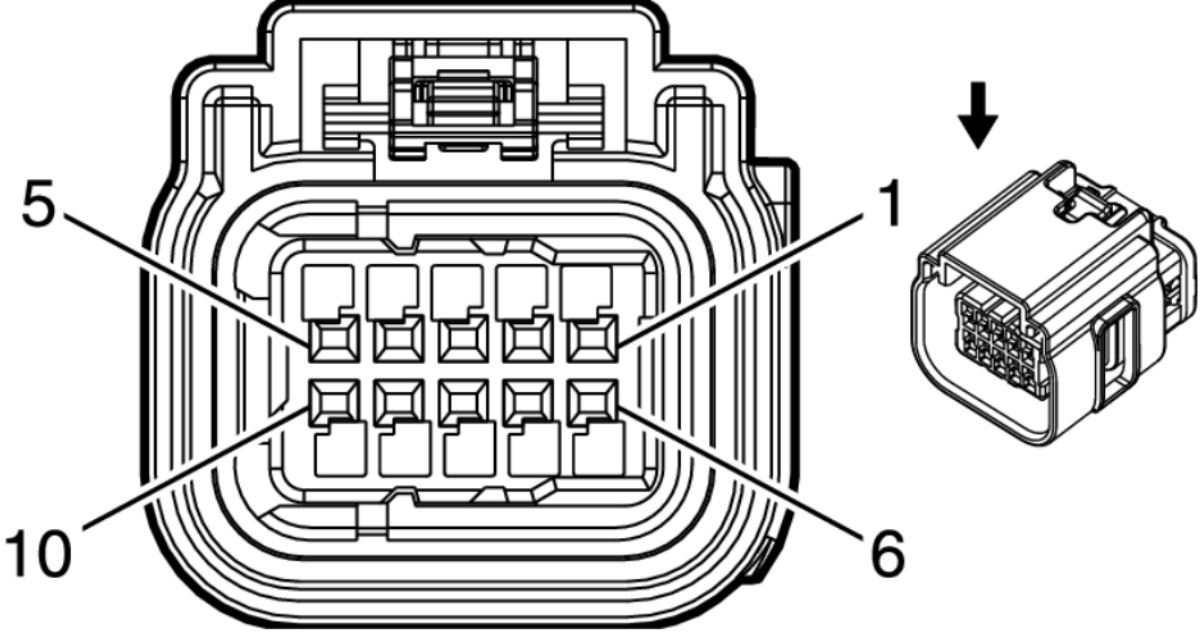
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/BN	1742	Battery Positive Voltage	I	-
2	10	BK	950	-	I	-

K43 POWER STEERING CONTROL MODULE X2

carlogn.com



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13848872
- Service Connector: 19299774
- Description: 10-Way F 0.64 Series, Sealed (BK)

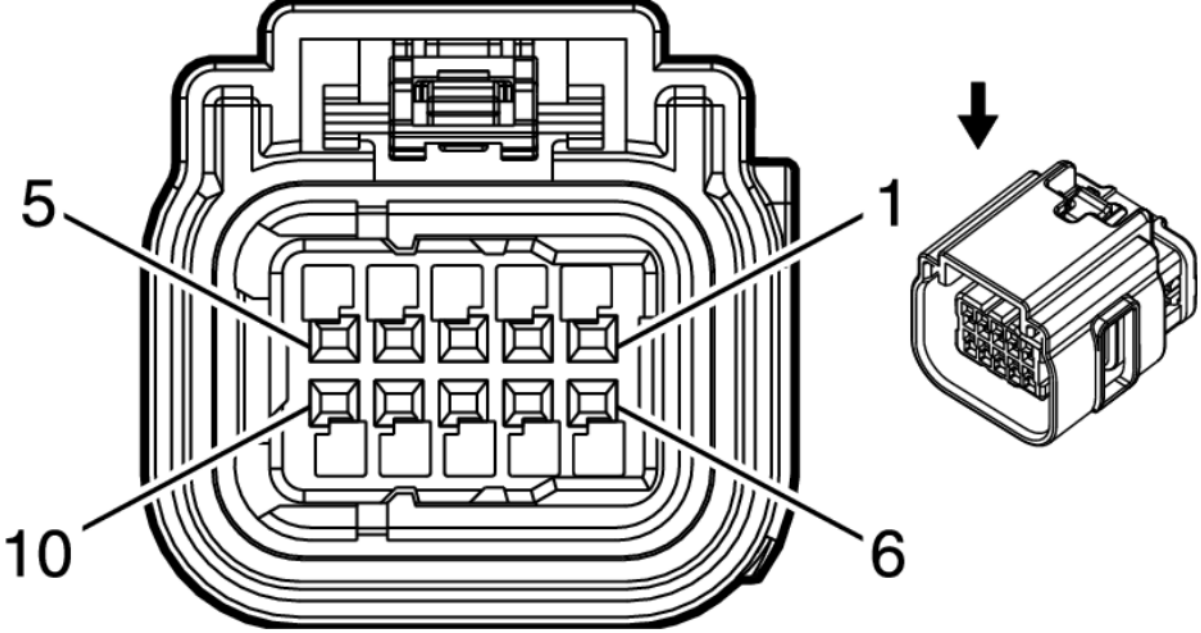
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
6	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
8	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
10	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X2 (LGW)

cardiagn.com



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13848872
- Service Connector: 19299774
- Description: 10-Way F 0.64 Series, Sealed (BK)

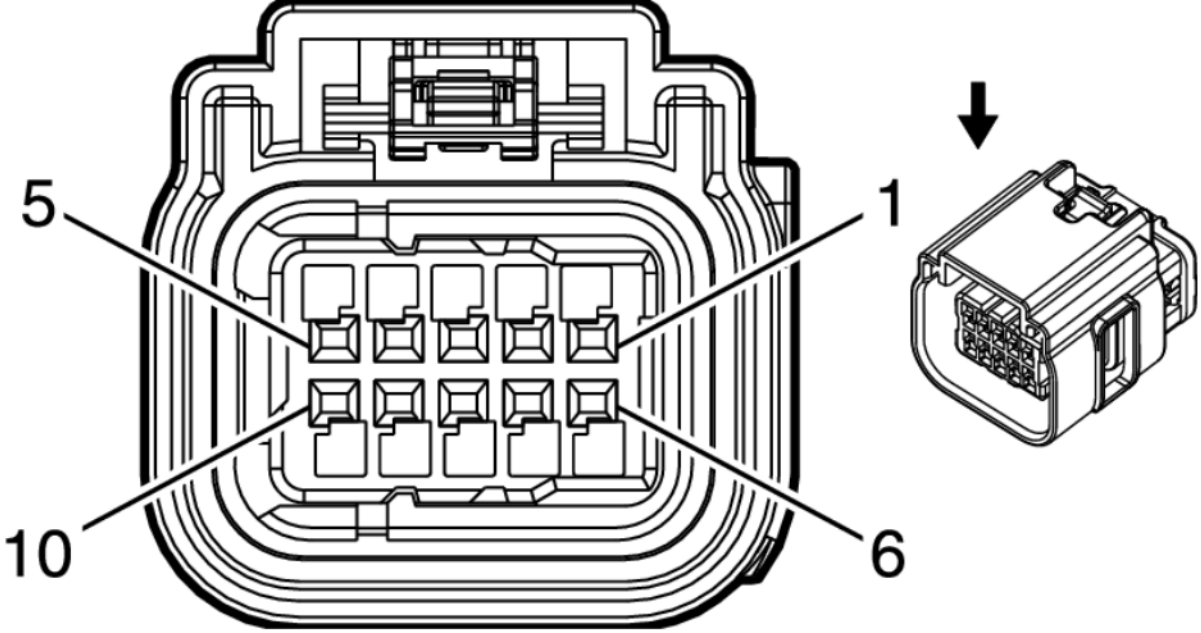
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	WH/D-BU	5986	Serial Data Communication Enable	I	-
6	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
8	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
10	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X2 (LGX)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13848872
- Service Connector: 19299774
- Description: 10-Way F 0.64 Series, Sealed (BK)

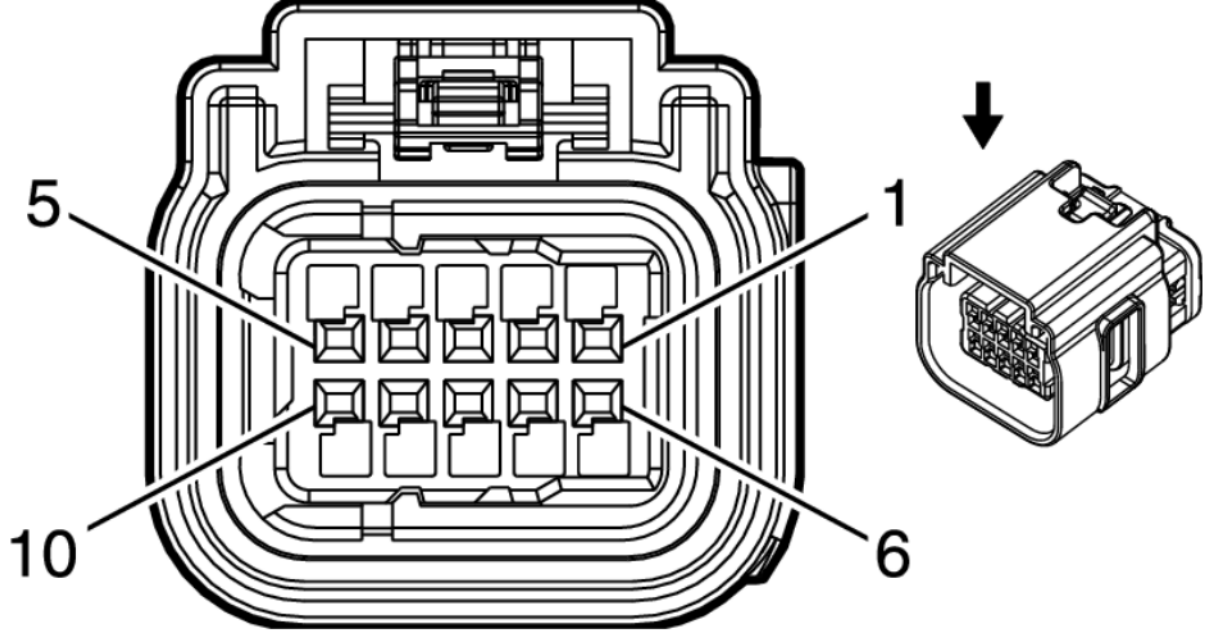
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	WH/D-BU	5986	Serial Data Communication Enable	I	-
6	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
8	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
10	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X2 (LTG)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13848872
- Service Connector: 19299774
- Description: 10-Way F 0.64 Series, Sealed (BK)

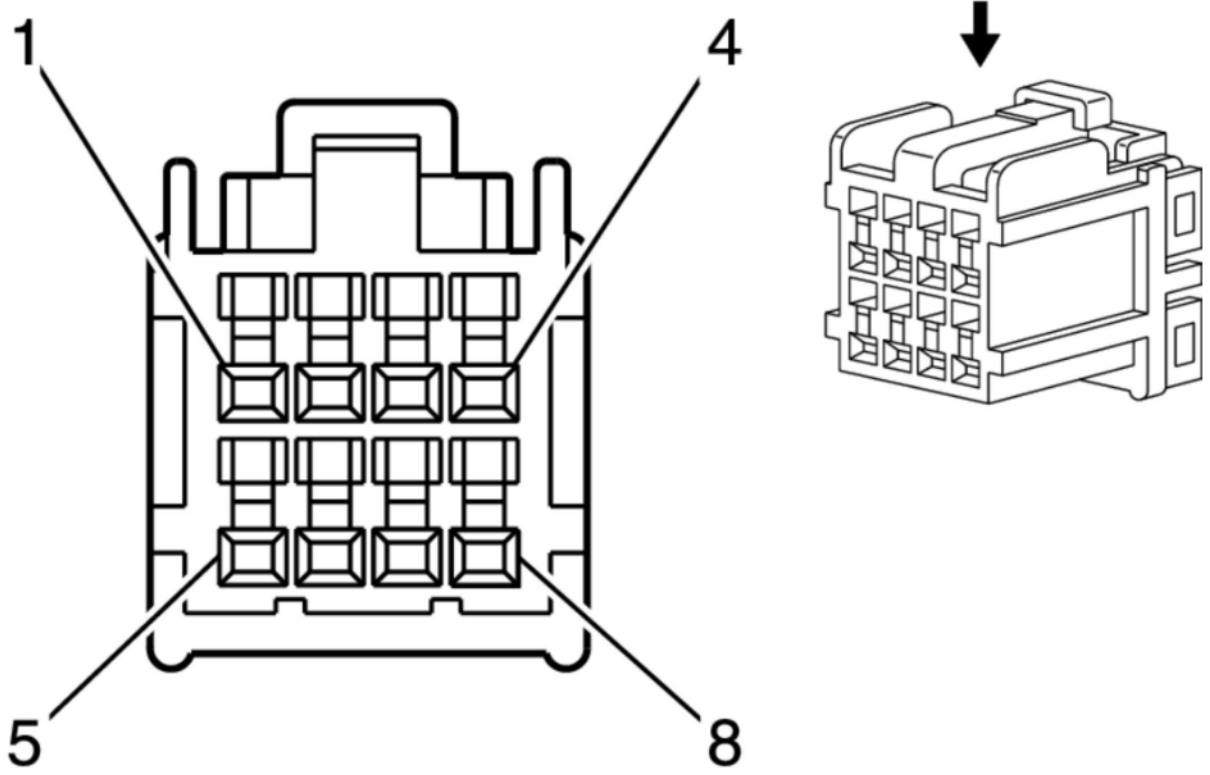
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	WH/D-BU	5986	Serial Data Communication Enable	I	-
6	0.5	D-BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
8	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
10	-	-	-	Not Occupied	-	-

K50 REAR WINDOW SUNSHADE MODULE X1 (DB3)

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Connector Part Information

- Harness Type: Rear Window Sunshade Module Jumper
- OEM Connector: 174044-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 040 Multilock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE	5310	Rear Sunshade Switch Express Signal	I	-
2	-	-	-	Not Occupied	-	-
3	-	GN	24	Backup Lamp Control	I	-
4	-	PK	1239	Run/Crank Ignition 1 Voltage	I	-
5	-	BK	2450	Ground	I	-
6 - 8	-	-	-	Not Occupied	-	-

K50 REAR WINDOW SUNSHADE MODULE X2 (DB3)

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Connector Part Information

- Harness Type: Rear Window Sunshade Pigtail
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way

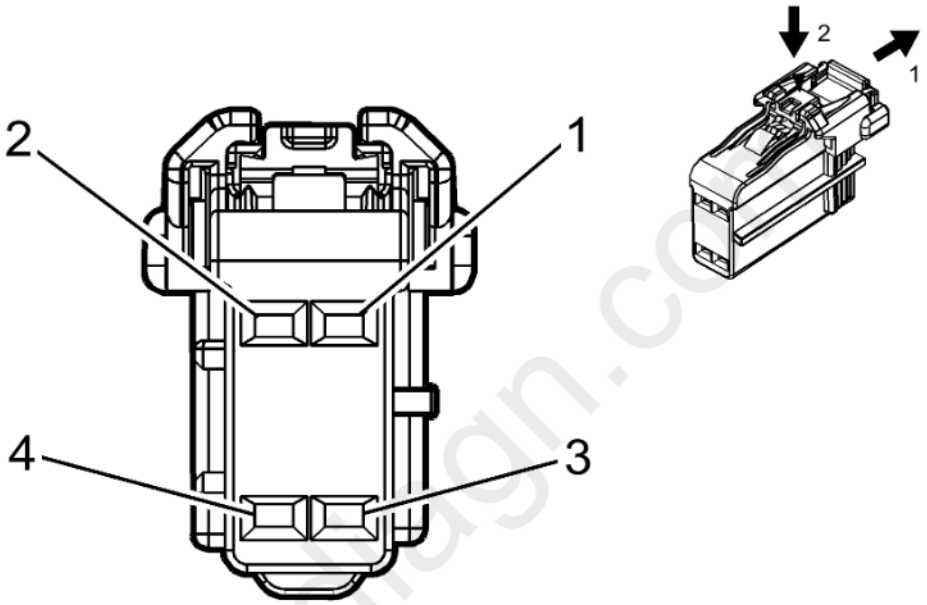
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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD	5938	Sunshade Motor Up Control	I	-
2	-	BK	5939	Sunshade Motor Down Control	I	-

K53D SEAT BLOWER ASSEMBLY - DRIVER BACK (KU9)



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 13595574
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2150	Ground	I	-
2	0.5	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GN/VT	5906	Driver Seat Vent Motor Control 1	I	-
4	0.35	BN/VT	5907	Driver Seat Vent Motor Control 2	I	-

K53LR SEAT BLOWER ASSEMBLY - LEFT REAR BACK (AQ9)

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Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 13588647
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

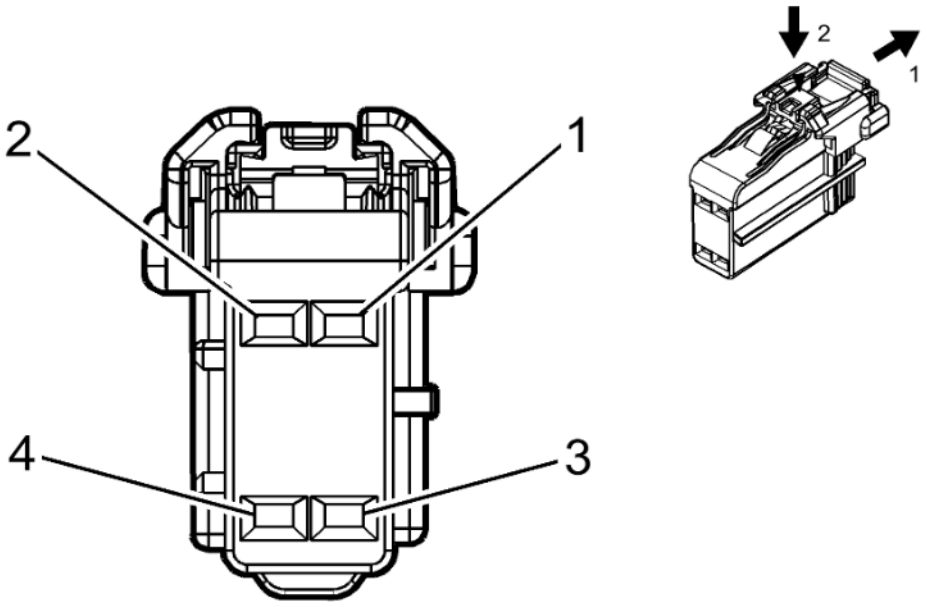
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	2350	Ground	I	-
2	-	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-
3	-	BU	7686	Left Rear Vent Motor Control	I	-
4	-	GN	3308	Left Rear Seat Back Climate Control Fan Speed Control	I	-
5	-	BU/BN	3309	Left Rear Seat Cushion Climate Control Fan Speed Control	I	-

K53P SEAT BLOWER ASSEMBLY - PASSENGER BACK (KU9)

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Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 13595574
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2250	Ground	I	-
2	0.5	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-
3	0.35	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	-
4	0.35	GN/BK	5909	Passenger Seat Vent Motor Control 2	I	-

K53RR SEAT BLOWER ASSEMBLY - RIGHT REAR BACK (AQ9)

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Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 13588647
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

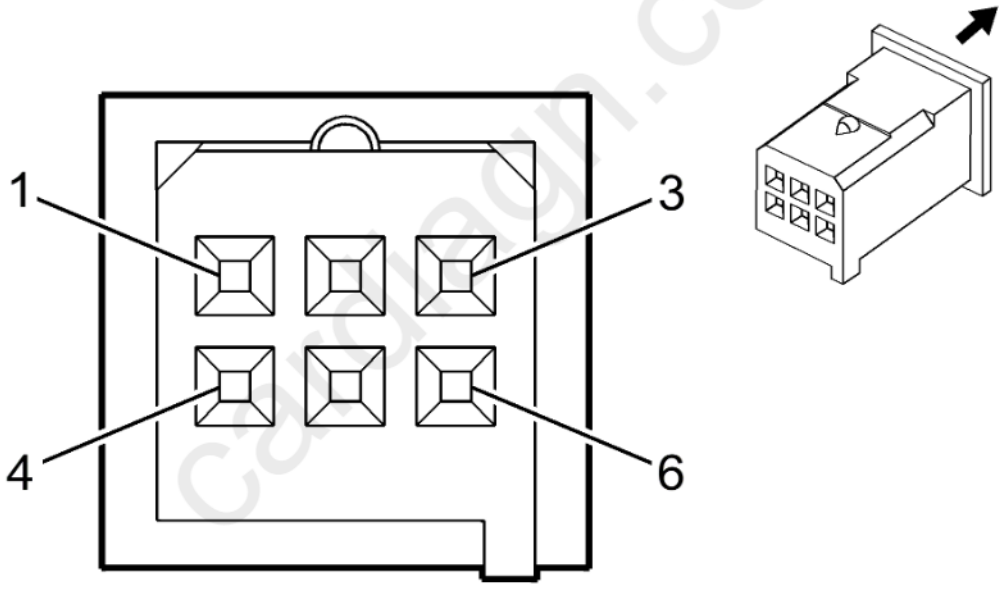
Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	2450	Ground	I	-
2	-	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-
3	-	GN	7685	Right Rear Vent Motor Control	I	-
4	-	GN/GY	3321	Right Rear Seat Back Climate Control Fan Speed Control	I	-
5	-	BU/GY	3322	Right Rear Seat Cushion Climate Control Fan Speed Control	I	-

K55D SEAT BLOWER ASSEMBLY - DRIVER CUSHION (KU9)



Connector Part Information

- Harness Type: Driver Seat Cushion Blower Assembly Extension
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

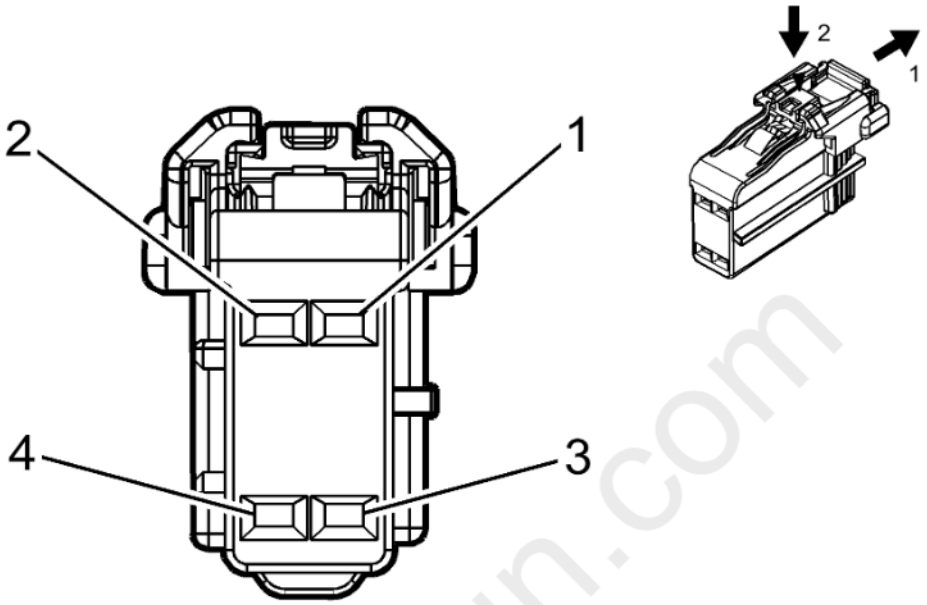
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5906	Driver Seat Vent Motor Control 1	I	-
2	0.5	RD	739	Run/Crank Ignition 1 Voltage	I	-
3	0.35	BK	2150	Ground	I	-
4 - 6	-	-	-	Not Occupied	-	-

K55LR SEAT BLOWER ASSEMBLY - LEFT REAR CUSHION (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat Cushion
- OEM Connector: 13595574
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 Series (BK)

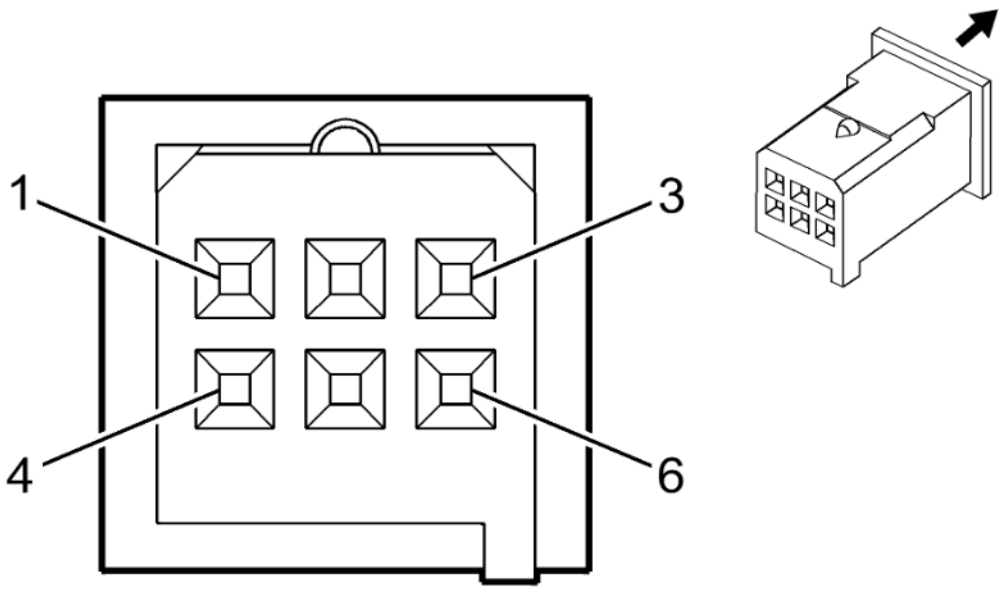
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	2350	Ground	I	-
2	-	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-
3	-	GN	3308	Left Rear Seat Back Climate Control Fan Speed Control	I	-
4	-	BU/BN	3309	Left Rear Seat Cushion Climate Control Fan Speed Control	I	-

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K55P SEAT BLOWER ASSEMBLY - PASSENGER CUSHION (KU9)



Connector Part Information

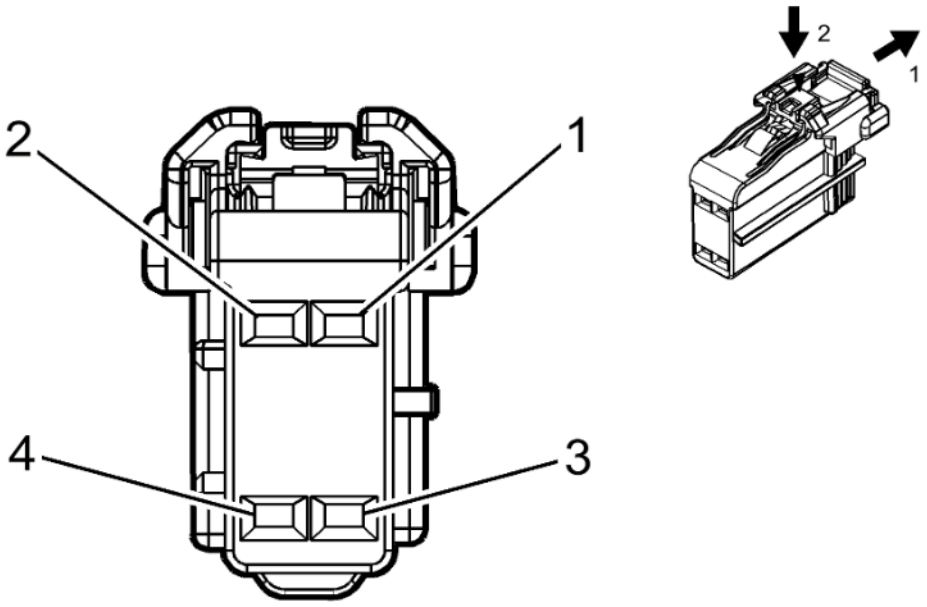
- Harness Type: Passenger Seat Cushion Blower Assembly Extension
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5908	Passenger Seat Vent Motor Control 1	I	-
2	0.5	RD	739	Run/Crank Ignition 1 Voltage	I	-
3	0.35	BK	2150	Ground	I	-
4 - 6	-	-	-	Not Occupied	-	-

K55RR SEAT BLOWER ASSEMBLY - RIGHT REAR CUSHION (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat Cushion
- OEM Connector: 13595574
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 Series (BK)

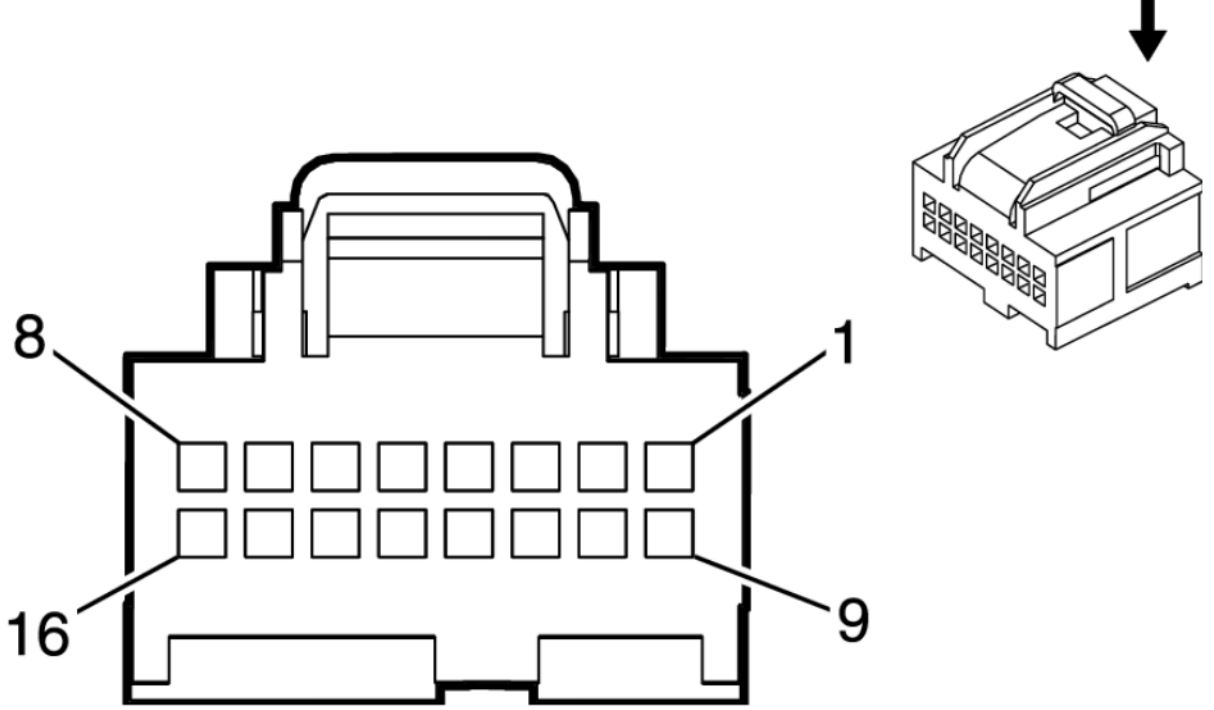
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	2450	Ground	I	-
2	-	VT/BK	739	Run/Crank Ignition 1 Voltage	I	-
3	-	GN/GY	3321	Right Rear Seat Back Climate Control Fan Speed Control	I	-
4	-	BU/GY	3322	Right Rear Seat Cushion Climate Control Fan Speed Control	I	-

K56 SERIAL DATA GATEWAY MODULE X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104224
- Service Connector: 13594065
- Description: 16-Way F 0.64 OCS Series (BK)

Terminal Part Information

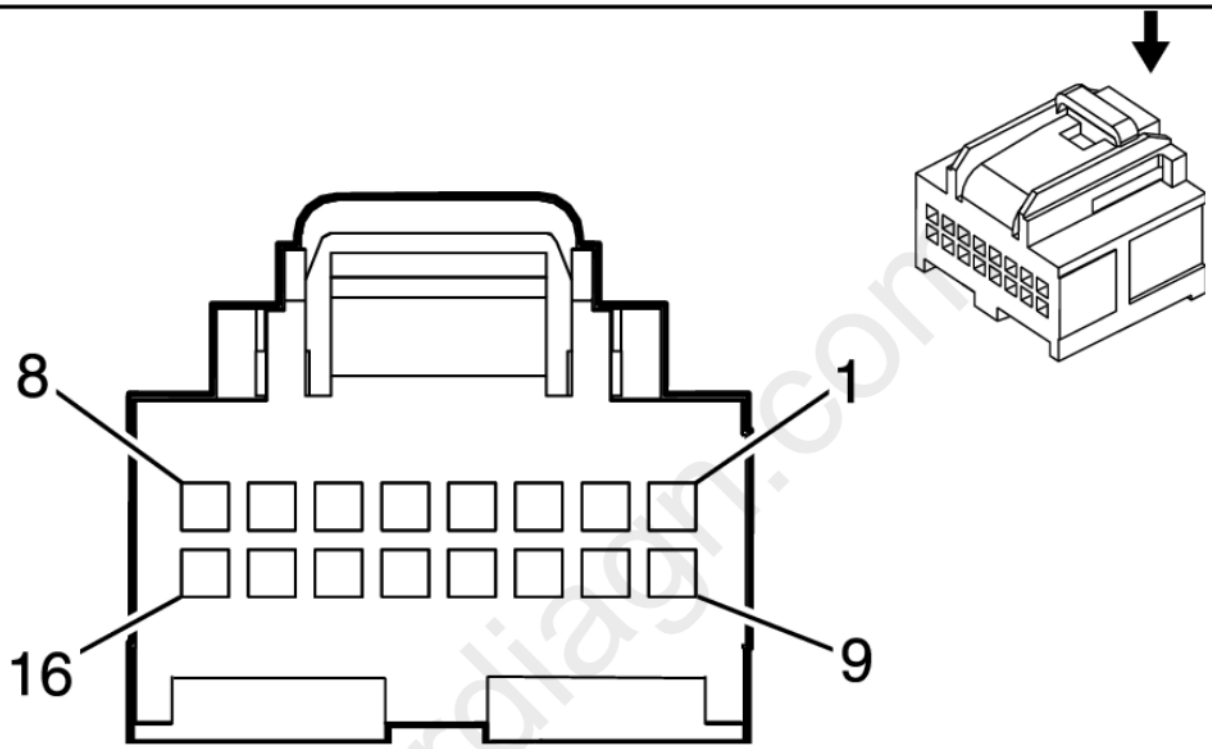
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	6440	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	BK	1350	Ground	I	-
7	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	-	-	-	Not Occupied	-	-
10	0.35 0.5	BU/WH WH/BU	3977 5986	Accessory Wakeup Serial Data 2 Serial Data Communication Enable	I I	HP9 -HP9
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-

K56 SERIAL DATA GATEWAY MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104225
- Service Connector: 13594066
- Description: 16-Way F 0.64 OCS Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

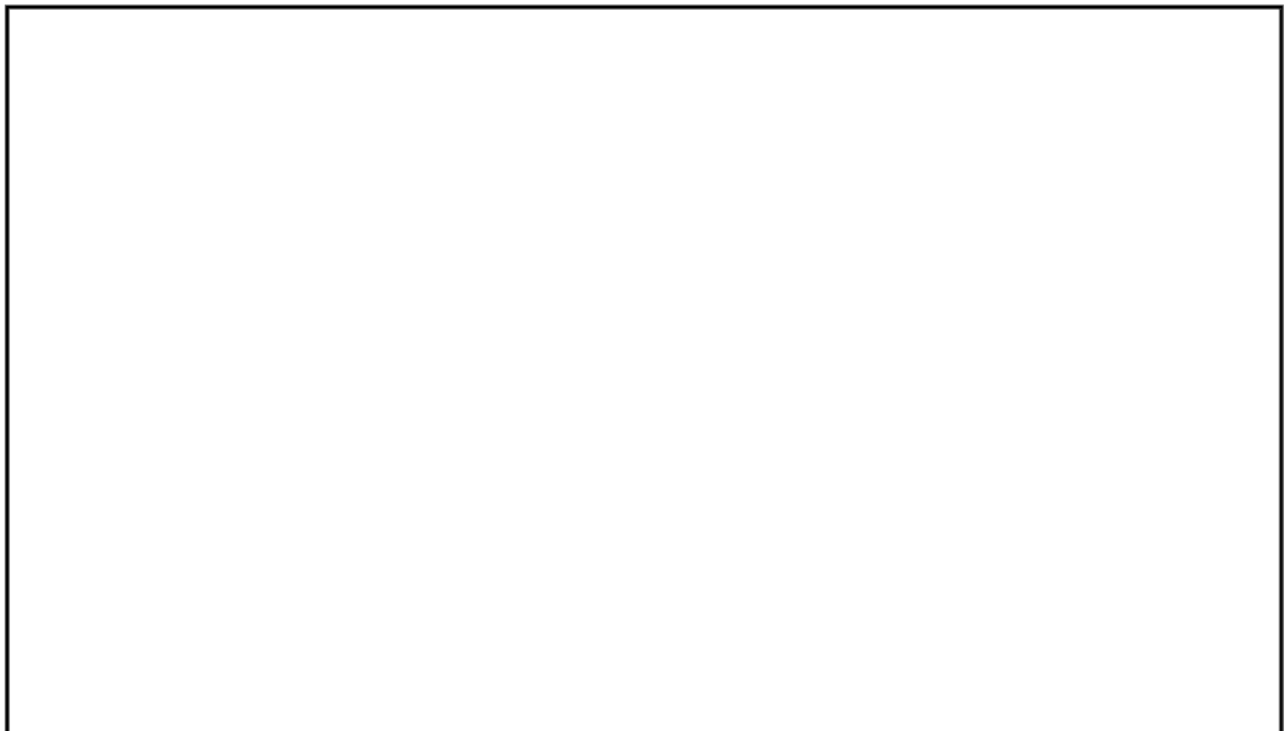
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-UKL
2	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-UKL

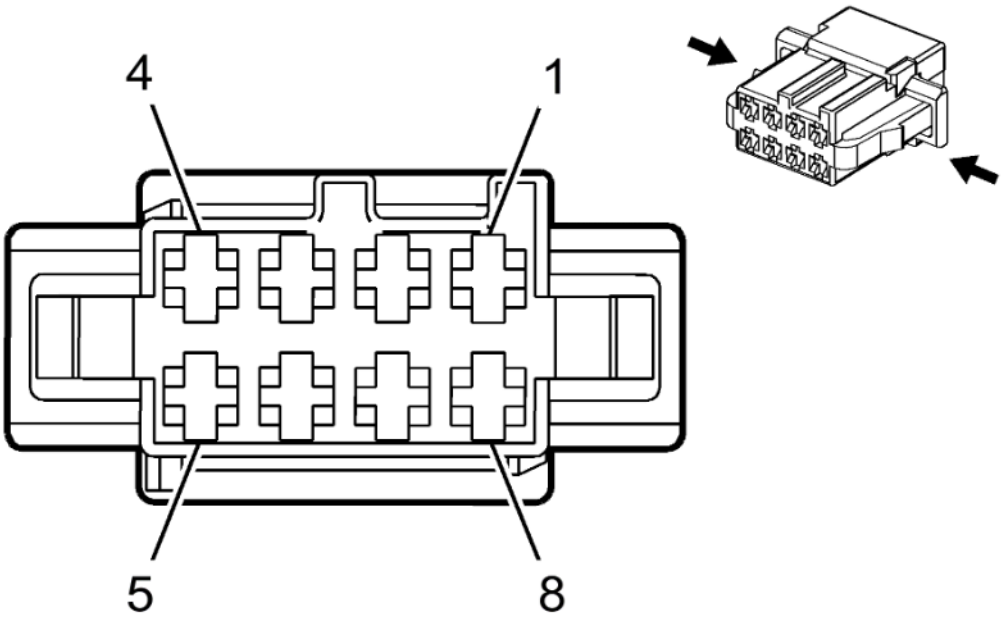
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-UKL
6	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-UKL
7	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
8	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
9	-	-	-	Not Occupied	-	-
10	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
11	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	HP9
12	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	HP9
13	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	HP9
14	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	HP9
15	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
16	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-

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K60 STEERING COLUMN LOCK MODULE





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10718780
- Service Connector: 13576545
- Description: 8-Way F 1.6 Micro-Timer Series (BK)

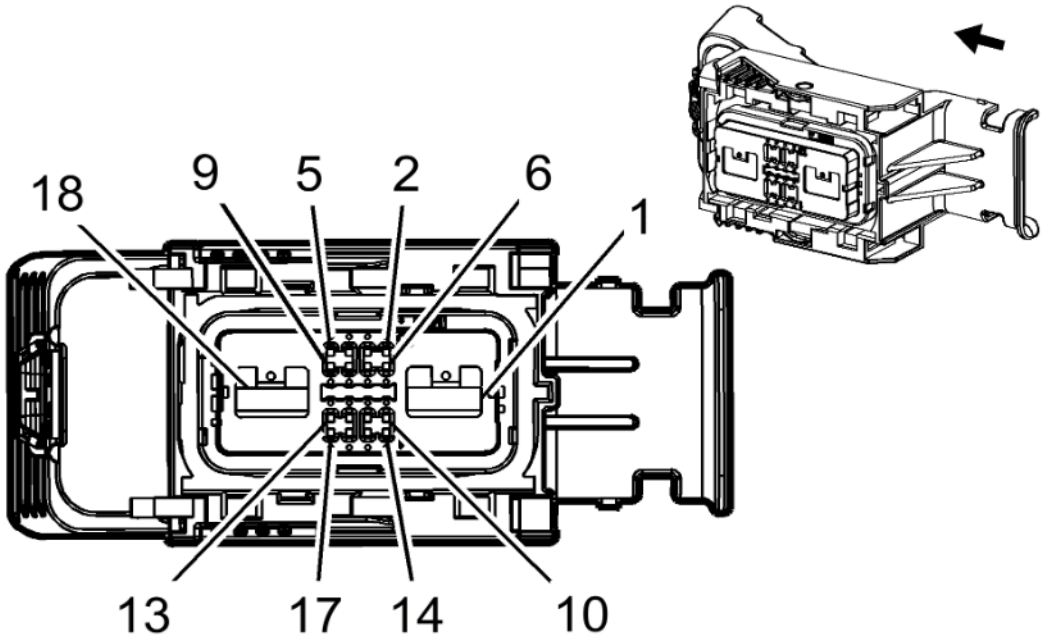
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BU/VT	5904	Steering Column Lock Status Signal	I	-
3	0.75	BU/VT	807	OFF /Accessory Ignition Voltage	I	-
4	0.35	GN/VT	1601	Steering Column Lock Signal	I	-
5	0.75	RD/GY	4140	Battery Positive Voltage	I	-
6	0.75	BK	1350	Ground	I	-
7	0.75	BK	1350	Ground	I	-
8	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-

K69 TRANSFER CASE CONTROL MODULE X1 (F46)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33201917
- Service Connector: 19333331
- Description: 18-Way F 0.64, 6.3 Series (BK with BU Terminal Position Assurance)

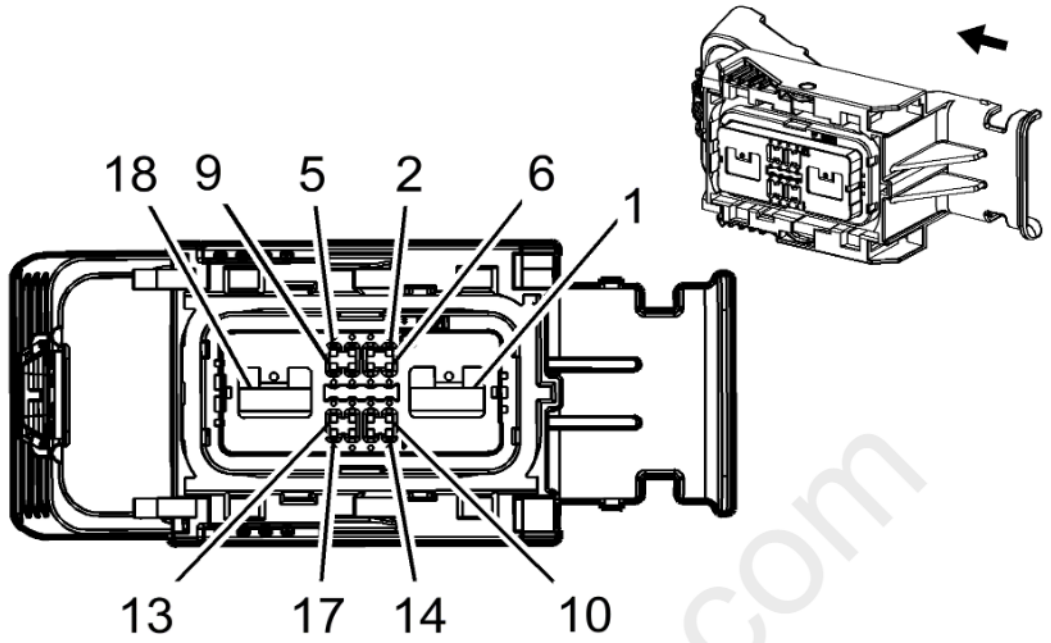
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	19333306	J-35616-42 (RD)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	6	RD/WH	640	Battery Positive Voltage	II	-
2	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
3	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
6	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
10 - 17	-	-	-	Not Occupied	-	-
18	6	BK/WH	751	Signal Ground	II	-

K69 TRANSFER CASE CONTROL MODULE X2 (F46)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33201916
- Service Connector: 19333332
- Description: 18-Way F 0.64, 6.3 Series (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	19333306	J-35616-42 (RD)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	5	YE/VT	1553	Transfer Case Motor Counter Clockwise Control	II	-
2	0.5	YE	7474	Incremental Encoder Direction Signal	I	-
3	0.5	VT	7476	Incremental Encoder Sensor Low Reference	I	-

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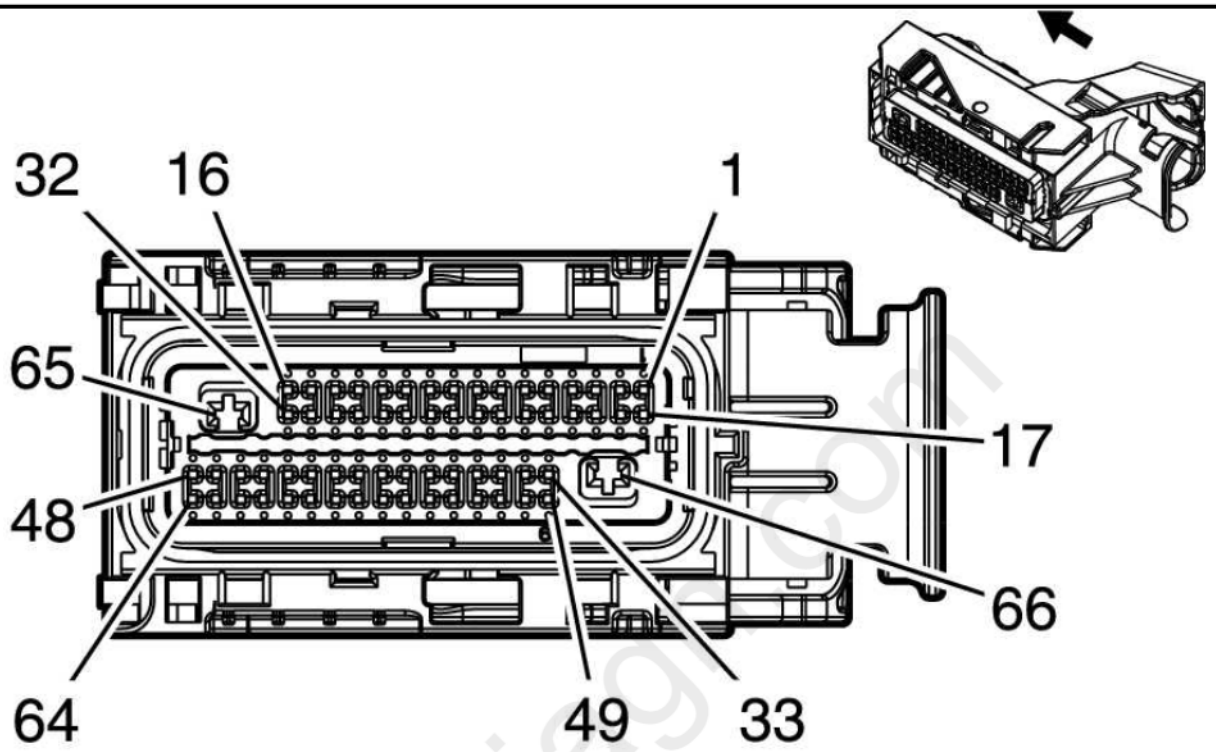
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	GY	814	Low Reference	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	BU/GY	7473	Incremental Encoder Impulse Signal	I	-
7 - 9	-	-	-	Not Occupied	-	-
10	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	I	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	VT	7485	Oil Temperature Sensor Signal	I	-
15	0.5	VT/RD	7484	Oil Temperature Sensor 5V Reference	I	-
16	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	I	-
17	0.5	WH/GN	7475	Incremental Encoder Sensor 8V Reference	I	-
18	5	YE/GY	1552	Transfer Case Motor Clockwise Control	II	-

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Back To Article

COMPONENT CONNECTOR END VIEWS

K71 TRANSMISSION CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13965710
- Service Connector: 19329822
- Description: 66-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330179	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19333308	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

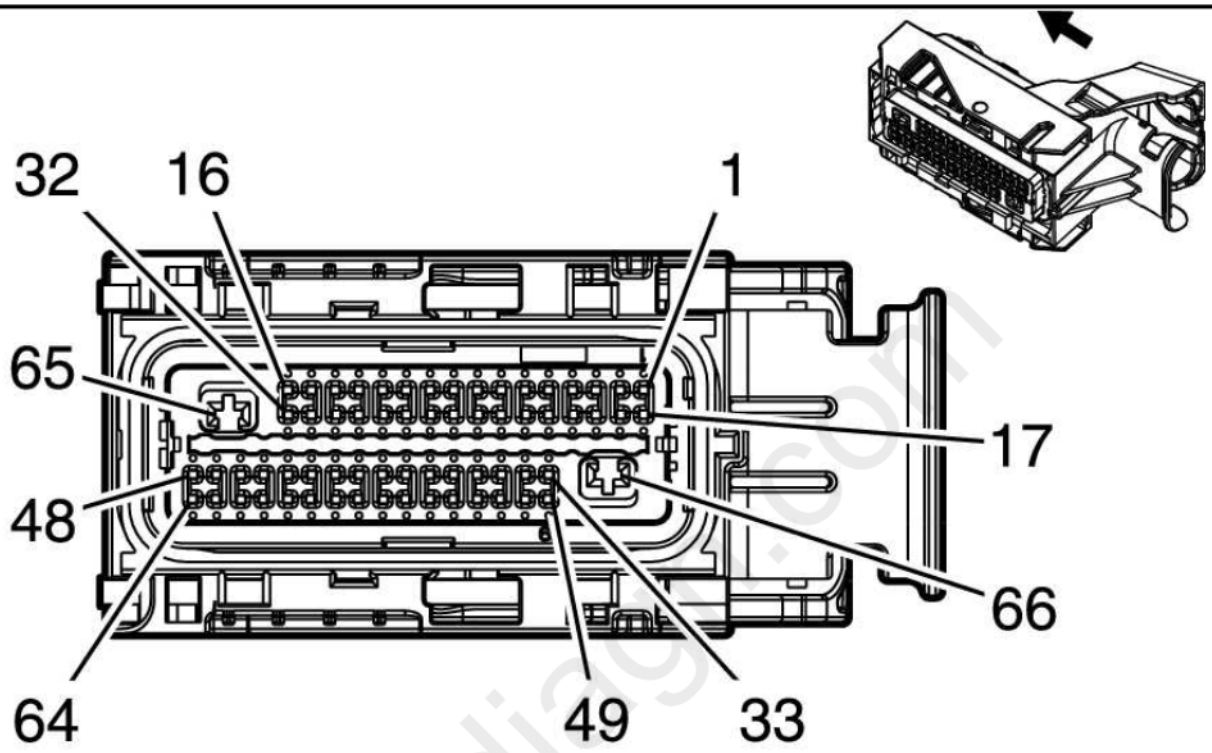
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4507	Transmission Clutch H Control	I	-
2	0.5	BU	6401	Clutch B Control	I	-
3	0.5	GY/GN	6403	Clutch D Control	I	-
4	0.5	VT	4509	Transmission Clutch F Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	YE/GN	4170	Transmission Position Sensor B 9V Reference	I	-
8 - 13	-	-	-	Not Occupied	-	-
14	0.5	GY/BU	6358	Output Speed Signal	I	-
15 - 16	-	-	-	Not Occupied	-	-
17	0.5	WH	4508	Transmission Clutch G Control	I	-
18	0.5	BN	6400	Clutch A Control	I	-
19 - 21	-	-	-	Not Occupied	-	-
22	0.5	GN/WH	6380	TCC On/Off Solenoid A Control	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.5	BK/GY	3927	IMS Mode Switch Low Reference	I	-
26	0.5	WH/BK	5983	PRNDL C Signal	I	-
27	0.5	VT/WH	5981	PRNDL A Signal	I	-
28	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	I	-
29 - 32	-	-	-	Not Occupied	-	-
33	0.75	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-
34	-	-	-	Not Occupied	-	-
35	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
36	-	-	-	Not Occupied	-	-
37	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
38	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
39	-	-	-	Not Occupied	-	-
40	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
41	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
42 - 48	-	-	-	Not Occupied	-	-
49	0.75	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-
50	-	-	-	Not Occupied	-	-
51	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
52	-	-	-	Not Occupied	-	-
53	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
54	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
55	0.5	GY/WH	4168	PRNDL P Signal	I	-
56	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
57	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
58	0.5	GY/BN	5982	PRNDL B Signal	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
59 - 62	-	-	-	Not Occupied	-	-
63	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	I	-
64	-	-	-	Not Occupied	-	-
65	1.5	BK/WH	451	Signal Ground	II	-
66	1.5	RD/GN	1840	Battery Positive Voltage	II	-

K71 TRANSMISSION CONTROL MODULE (KL9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33168232
- Service Connector: 19329822
- Description: 66-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	13576392	J-35616-4A (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

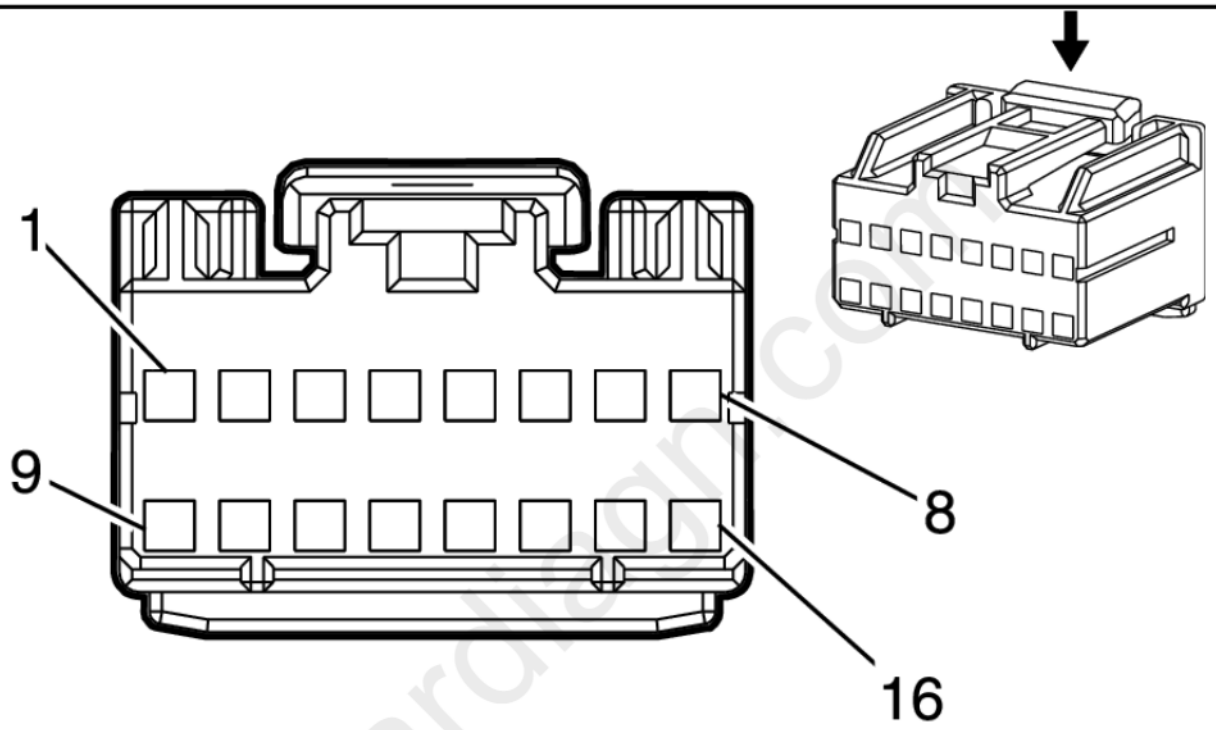
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	4507	Transmission Clutch H Control	I	-
2	0.5	BU	6401	Clutch B Control	I	-
3	0.5	GY/GN	6403	Clutch D Control	I	-
4 - 6	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.5	YE/GN	4170	Transmission Position Sensor B 9V Reference	I	-
8	0.5	YE/BU	4171	Transmission Position Sensor A 9V Reference	I	-
9 - 12	-	-	-	Not Occupied	-	-
13	0.5	GN/VT	4510	Transmission Intermediate Speed Signal	I	-
14	0.5	GY/BU	6358	Output Speed Signal	I	-
15	0.5	GN/YE	6353	Input Speed Signal	I	-
16	-	-	-	Not Occupied	-	-
17	0.5	WH	4508	Transmission Clutch G Control	I	-
18	0.5	BN	6400	Clutch A Control	I	-
19	0.5	GY	6402	Clutch C Control	I	-
20	0.5	YE/BN	6404	Clutch E Control	I	-
21	0.5	GN/WH	6380	TCC On/Off Solenoid A Control	I	-
22	0.5	YE/BN	6210	TCC On/Off Solenoid B Control	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.5	BK/GY	3927	IMS Mode Switch Low Reference	I	-
26 - 27	-	-	-	Not Occupied	-	-
28	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	I	-
29 - 32	-	-	-	Not Occupied	-	-
33	0.75	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-
34	-	-	-	Not Occupied	-	-
35	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
36	-	-	-	Not Occupied	-	-
37	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
38	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
39 - 46	-	-	-	Not Occupied	-	-
47	0.5	GY/YE	4169	PRNDL S Signal	I	-
48	-	-	-	Not Occupied	-	-
49	0.75	GY/BN	6388	Transmission High Side Driver 2 Signal	I	-
50	-	-	-	Not Occupied	-	-
51	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
52	-	-	-	Not Occupied	-	-
53	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
54	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
55 - 58	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
59	0.5	GY/WH	4168	PRNDL P Signal	I	-
60	0.5	WH/BK	5983	PRNDL C Signal	I	-
61	0.5	GY/BN	5982	PRNDL B Signal	I	-
62	0.5	VT/WH	5981	PRNDL A Signal	I	-
63	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	I	-
64	-	-	-	Not Occupied	-	-
65	1.5	BK/WH	451	Signal Ground	II	-
66	1.5	RD/GN	1840	Battery Positive Voltage	II	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X1 (UE1)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15431362
- Service Connector: 15306351
- Description: 16-Way F 100A Micro-Pack Series (NA)

Terminal Part Information

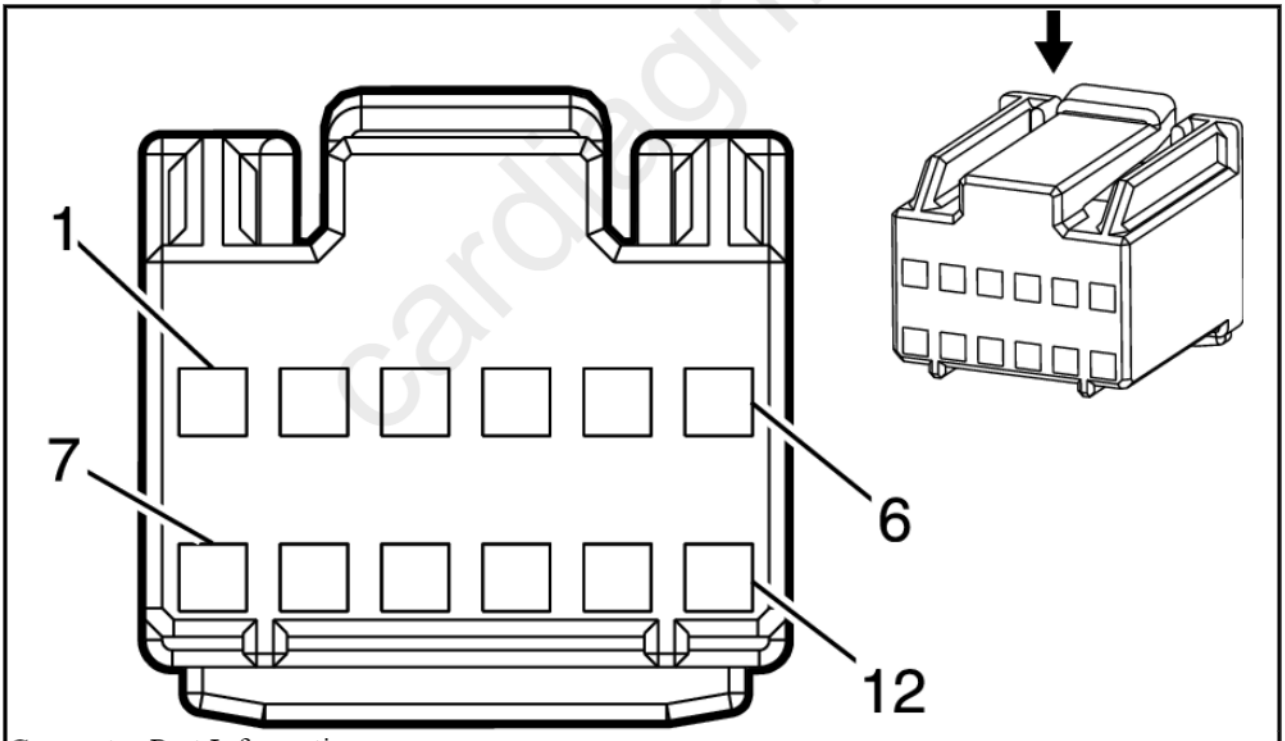
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575548	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J
II	13579951	J-35616-4A (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.13	BN/WH	2517	Keypad Red LED Control	II	-
3	0.13	YE	2516	Keypad Green LED Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.13	GN	2515	Keypad Control	II	-
7	0.5	BK/WH	1551	Signal Ground	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	VT/WH	1159	External Speaker Signal (+)	I	-
10	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
11	0.13	GN/WH	2514	Keypad Signal	II	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.5	BK/VT	5167	Battery Backup Low Reference	I	-
14	0.5	YE/VT	5235	Battery Backup Control	I	-
15	0.35	RD/BU	3940	Battery Positive Voltage	I	-
16	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X2 (UE1)



Connector Part Information

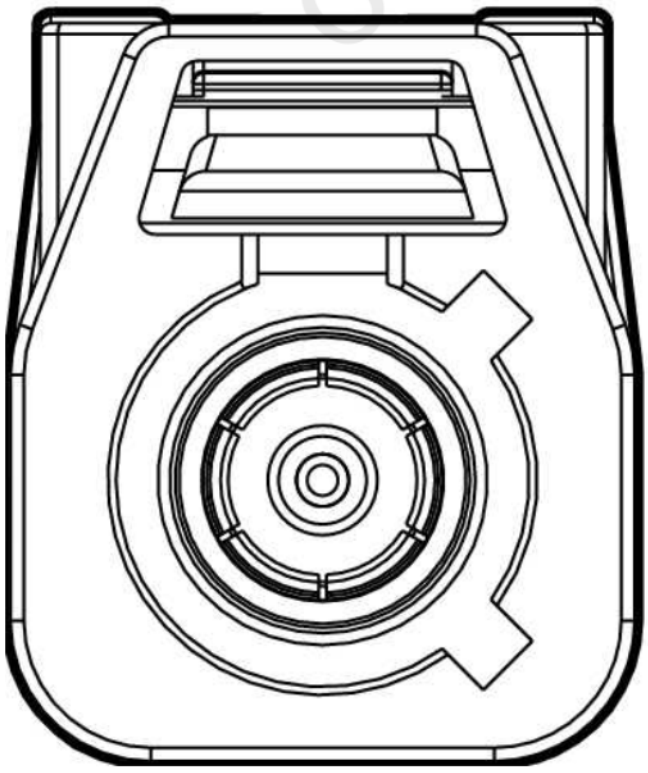
- Harness Type: Instrument Panel
- OEM Connector: 15431365
- Service Connector: 88952886
- Description: 12-Way F 100A Micro-Pack Series (NA)

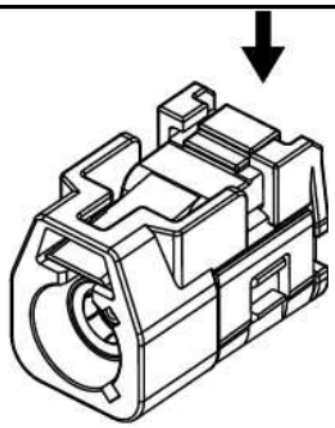
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575548	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	658	Cellular Telephone Voice Signal	I	-
2	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
5	0.35	BARE	1792	Low Reference	I	-
6	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	-
7	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
8	0.35	BARE	1782	Low Reference	I	-
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	-
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
11	0.35	GY/BK	1160	External Speaker Signal (-)	I	-
12	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X5 (IO6+ (EF7/Z49/C4E))





Connector Part Information

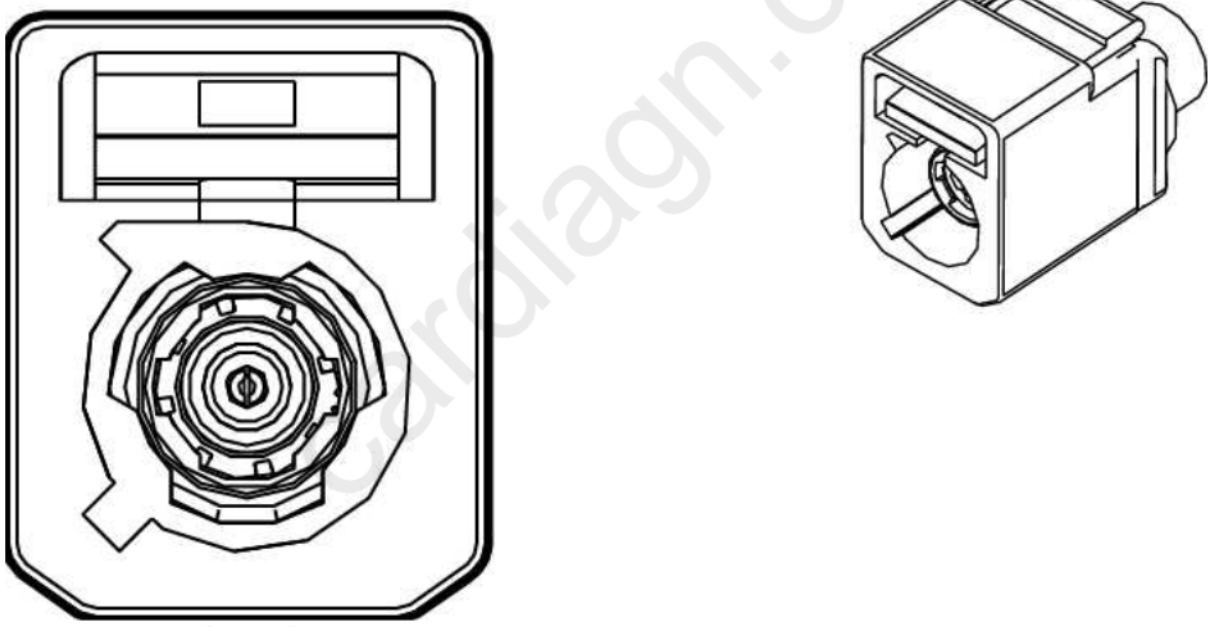
- Harness Type: Instrument Panel COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(Cell only) Coaxial Antenna Cell Phone Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X7 (IO6+ (EF7/Z49/C4E))



Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type

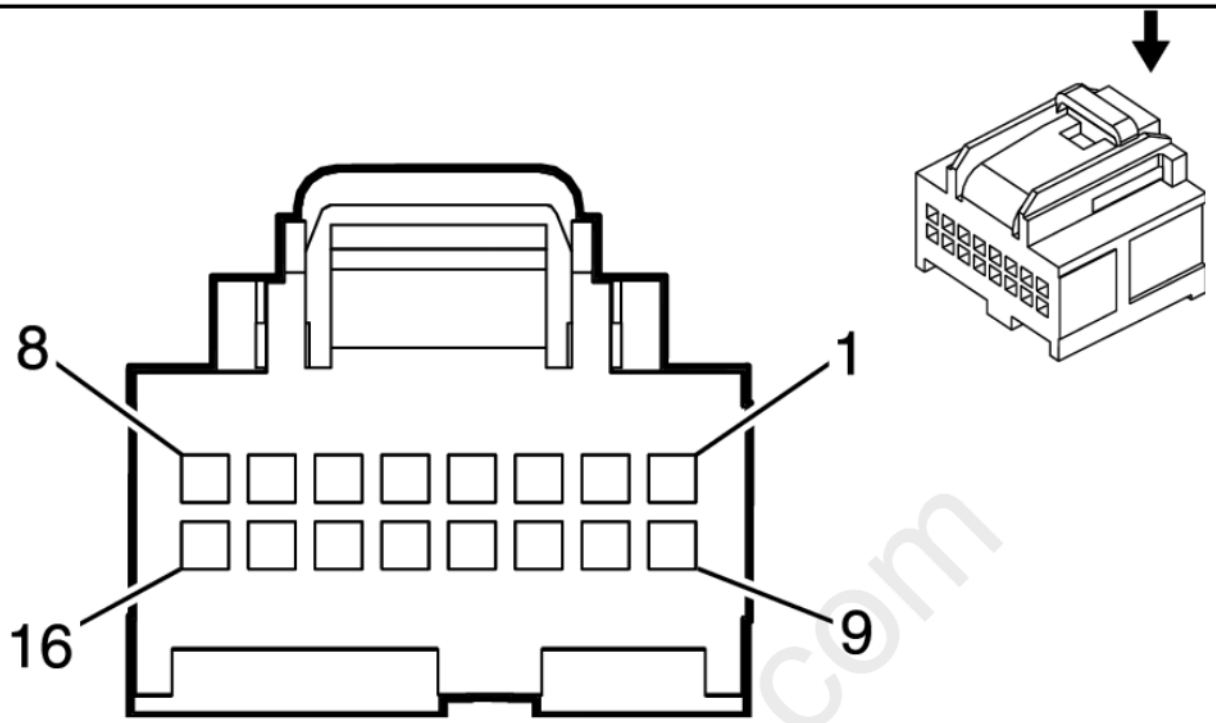
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104224
- Service Connector: 13594065
- Description: 16-Way F 0.64 OCS Series (BK)

Terminal Part Information

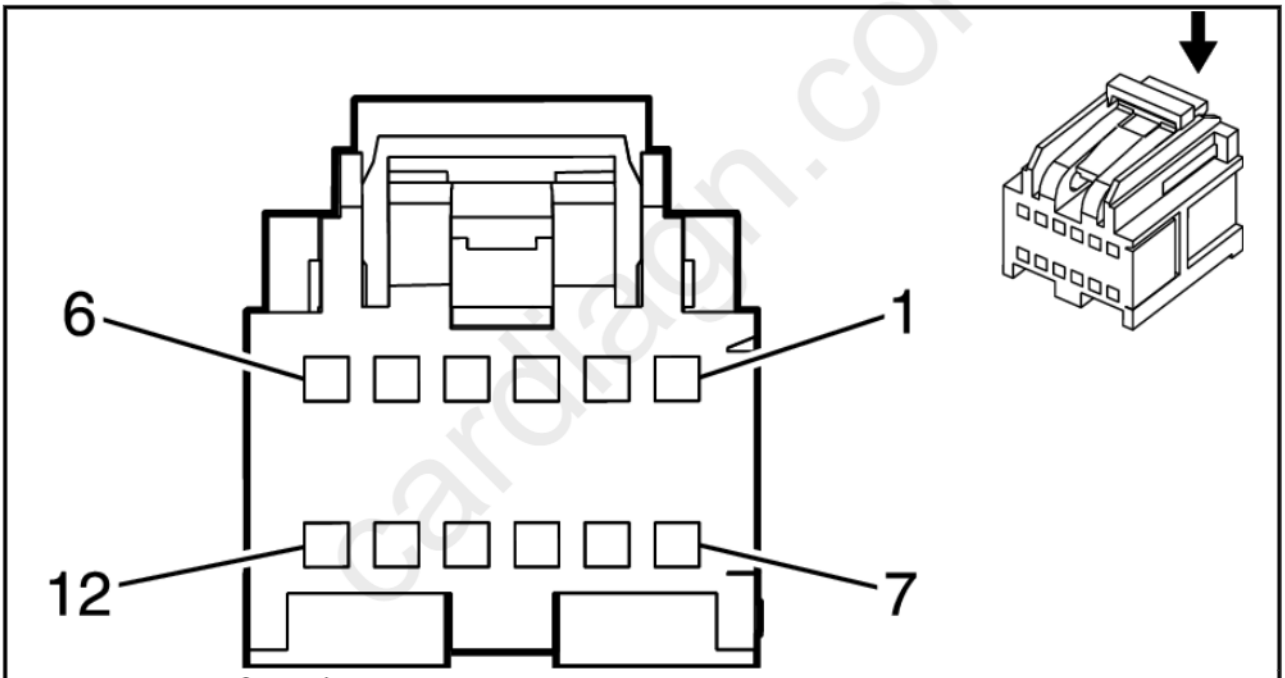
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	I I	CW1/UE1 -CW1/UE1
2	0.35 0.35	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	I I	CW1/UE1 -CW1/UE1
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
6	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	RD/VT	340	Battery Positive Voltage	I	-
8	0.75	BK/WH	1551	Signal Ground	I	-
9	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
10	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	CW1
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
15 - 16	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104389
- Service Connector: 13594072
- Description: 12-Way F 0.64 OCS Series (GY)

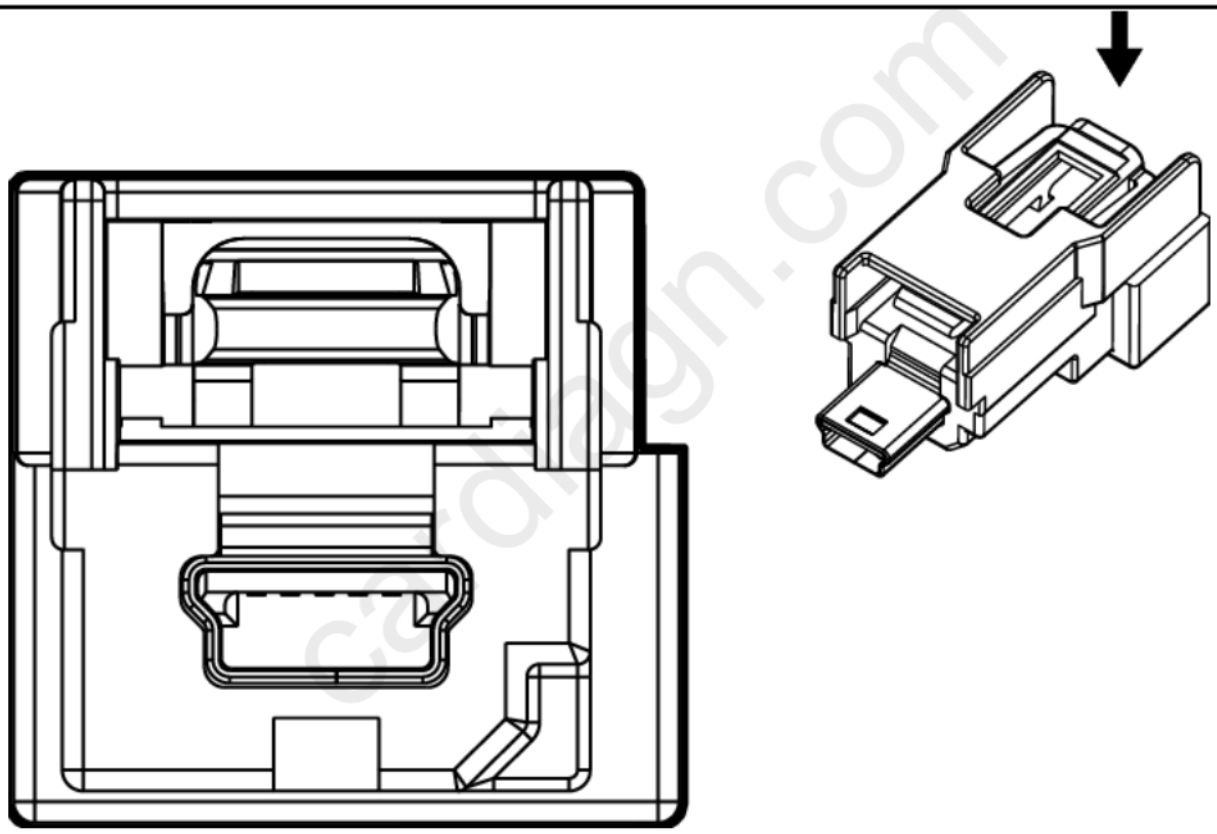
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	3999	MOST Control	I	-
2	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
3	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY/YE	6972	Camera Signal 2 +	I	UVC
6	0.35	WH/BU	6973	Camera Signal 2	I	UVC
7	-	-	-	Not Occupied	-	-
8	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
9	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
10 - 12	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X3 (-CW1)



Connector Part Information

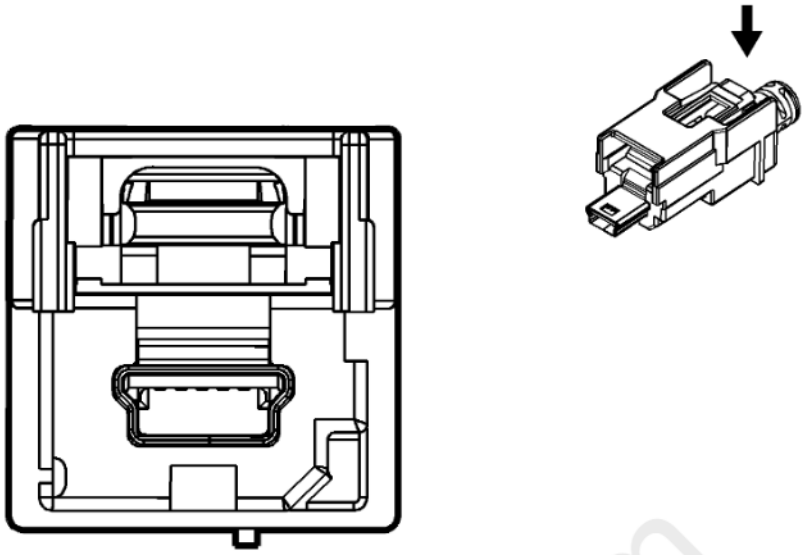
- Harness Type: Instrument Panel USB
- OEM Connector: 13576682
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X5



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13578158
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

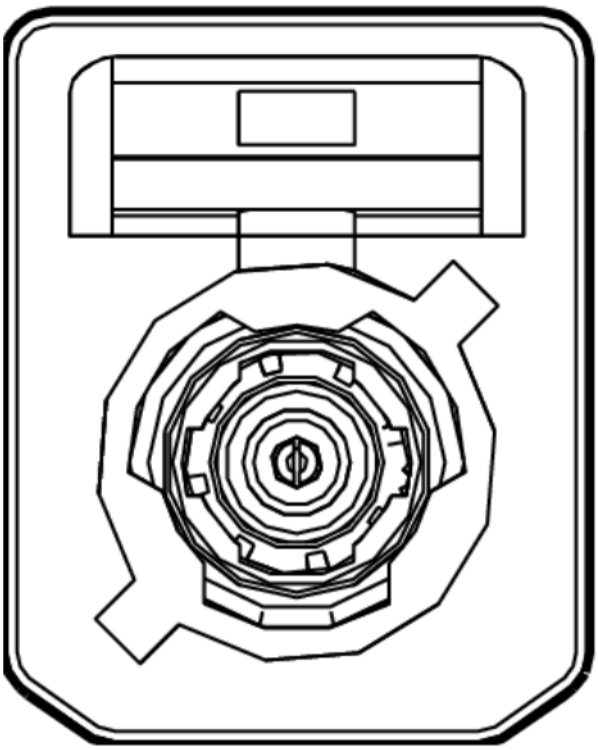
Terminal Part Information

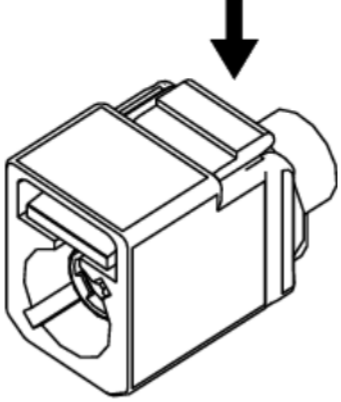
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X7 (IO6+(EF7/Z49/C4E))

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Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 15535377
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

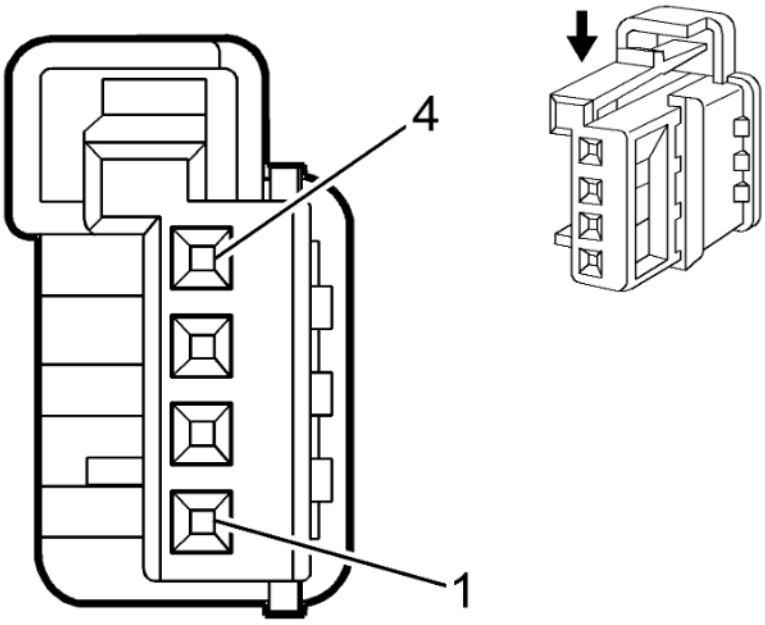
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

K77 REMOTE CONTROL DOOR LOCK RECEIVER

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Connector Part Information

- Harness Type: Body
- OEM Connector: 10866875
- Service Connector: 13316147
- Description: 4-Way F 0.64 Micro-Quadlock Series (BU)

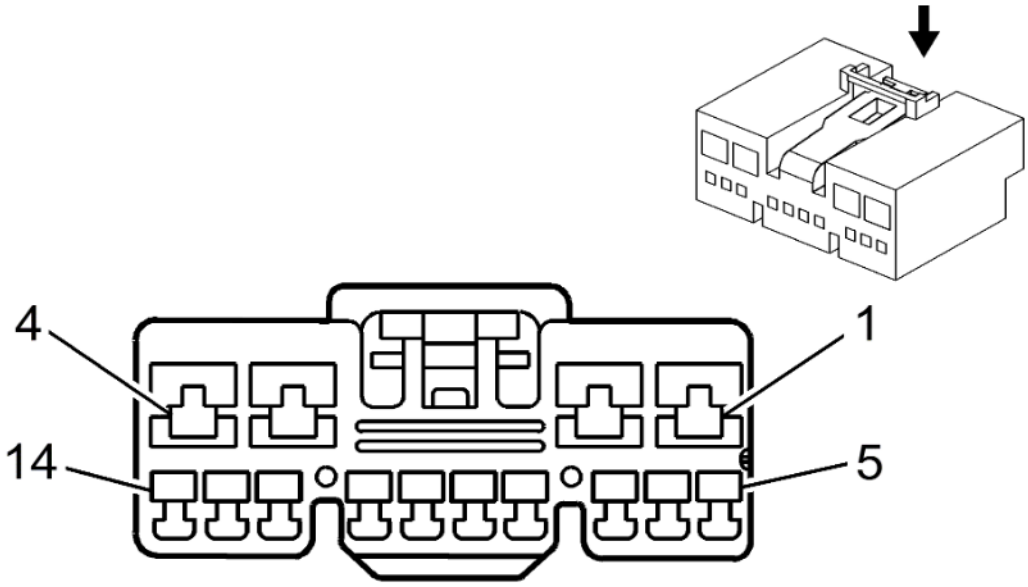
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	GY	3273	Remote Function Actuator Low Reference	I	-
2	0.13	YE/GN	3274	Remote Function Actuator Transmit Signal	I	-
3	0.13	BU	3275	Remote Function Actuator Receive Signal	I	-
4	0.13	GY/WH	3272	Remote Function Actuator Control	I	-

K80 SUNROOF SUNSHADE CONTROL MODULE (C3U)

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Connector Part Information

- Harness Type: Sunroof Jumper
- OEM Connector: 15466088
- Service Connector: Service by Harness - See Part Catalog
- Description: 14-Way F 0.64, 2.8 YESC Series (L-GY)

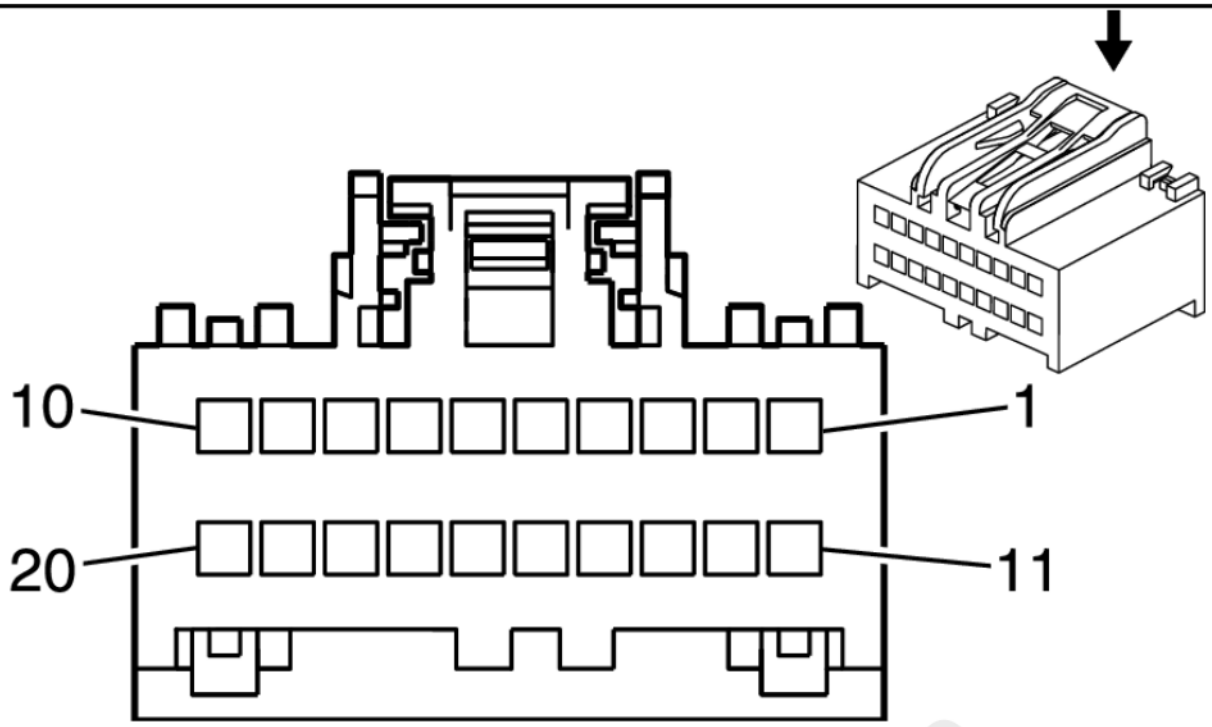
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.0	RD	3540	Battery Positive Voltage	I	-
2	-	BN	-	-	I	-
3	-	BU	-	-	I	-
4	2.0	BK	2350	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	-	WH	-	-	I	-
8	0.35	OG	3032	Front Sunshade Switch Signal	I	-
9	0.35	BK/YE	6132	Local Interconnect Network Serial Data Bus 1	I	-
10	0.35	VT	5308	Rear Sunshade Switch Open Signal	I	-
11	-	GN	-	-	I	-
12	-	GY	-	-	I	-
13	-	GY/WH	-	-	I	-
14	-	GY/BK	-	-	I	-

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K84 KEYLESS ENTRY CONTROL MODULE X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491305
- Service Connector: 15126709
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

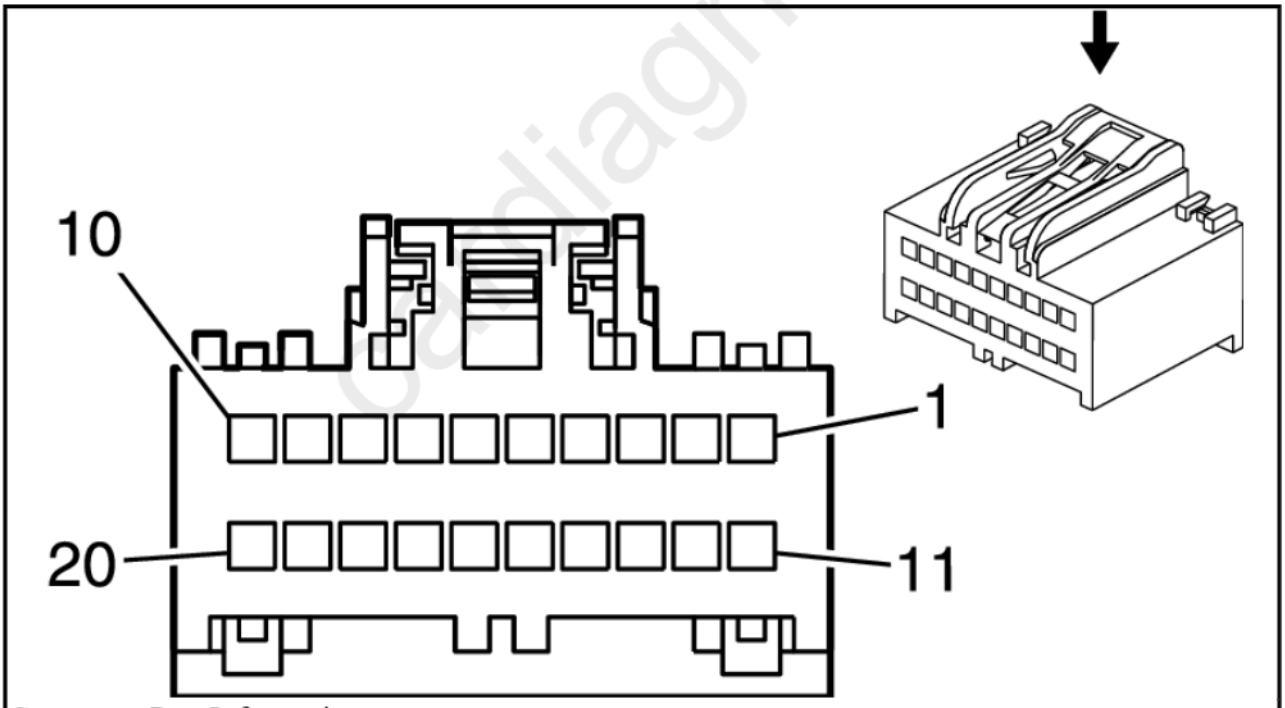
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/VT	1601	Steering Column Lock Signal	I	-
2	0.5	RD/YE	4340	Battery Positive Voltage	I	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	VT/YE	4	Accessory Ignition Voltage	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GY/GN	4083	RAP Relay 2 Coil Control	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	WH	3574	Driver Door Open Switch Signal	I	-
10	0.35	YE/BU	4086	Pushbutton Start Challenge Active Signal	I	-
11	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
13	0.35	VT/BK	3	Run/Crank Ignition 1 Voltage	I	-
14	0.5	BK	2450	Ground	I	-
15	0.35	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	I	-
16	0.35	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
17	0.35	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-
18	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
19	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-
20	0.35	BU	3554	Passive Start Interior Antenna 2 Signal Hi	I	-

K84 KEYLESS ENTRY CONTROL MODULE X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491304
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

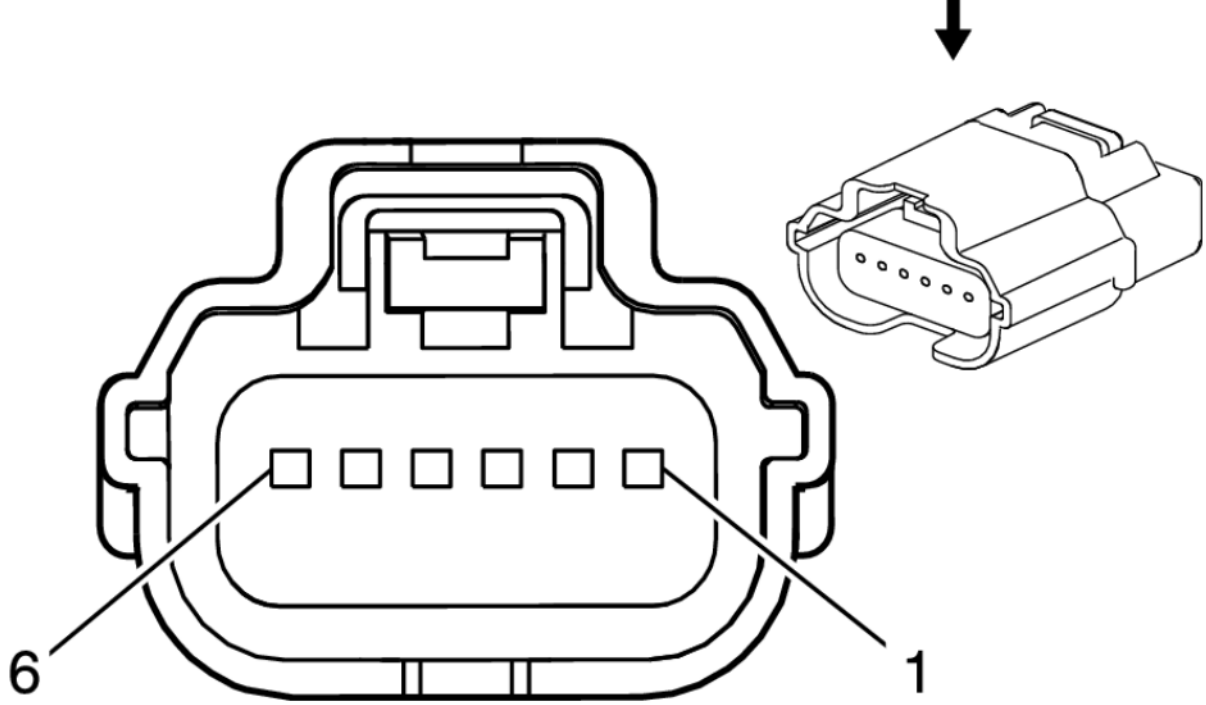
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	0.35	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
3 - 5	-	-	-	Not Occupied	-	-
6	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
7	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	VT	3571	Passenger Door Handle Switch Signal	I	-
12	0.35	GN/WH	3570	Driver Door Handle Switch Signal	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-
19	-	-	-	Not Occupied	-	-
20	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-

K85 PASSENGER PRESENCE MODULE

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Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13584066
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

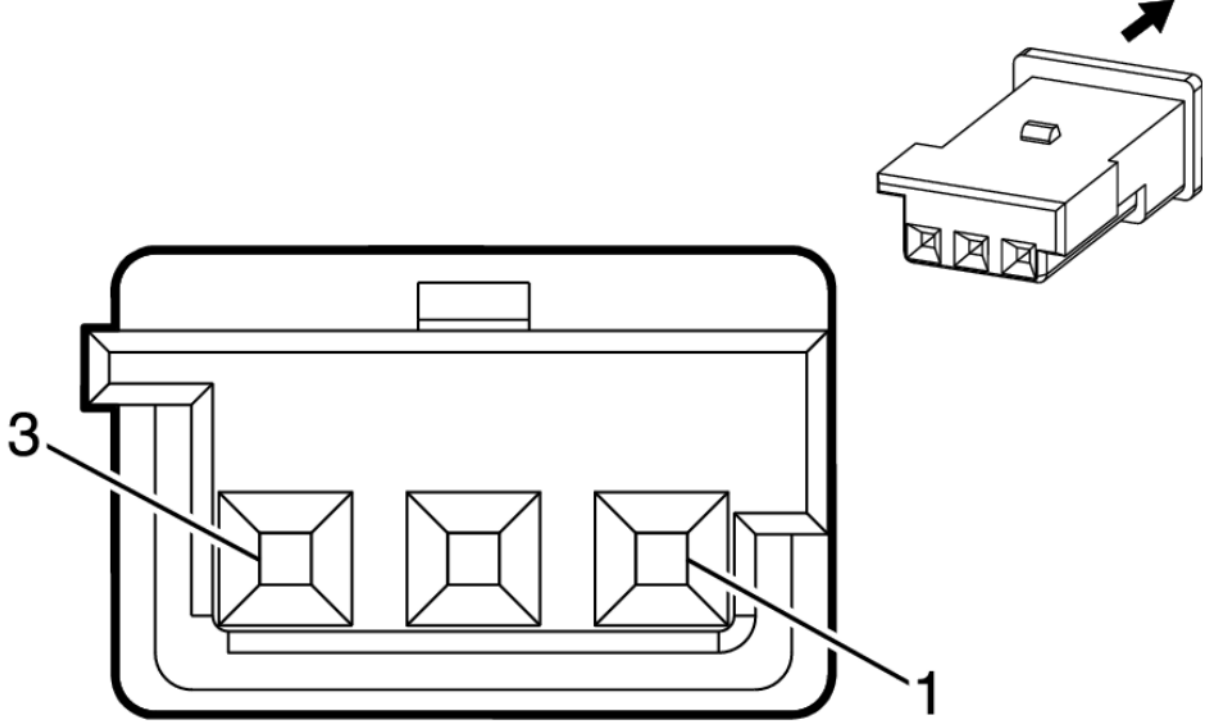
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/YE	4440	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK/WH	1751	Signal Ground	I	-
5	0.35	GY/OG	3946	Automatic Locking Retractor Switch Low Reference	I	-
6	0.35	OG/BN	3947	Automatic Locking Retractor Switch Signal	I	-

K89 IMMOBILIZER CONTROL MODULE

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Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13623687
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Micro-Quadlock Series (PU)

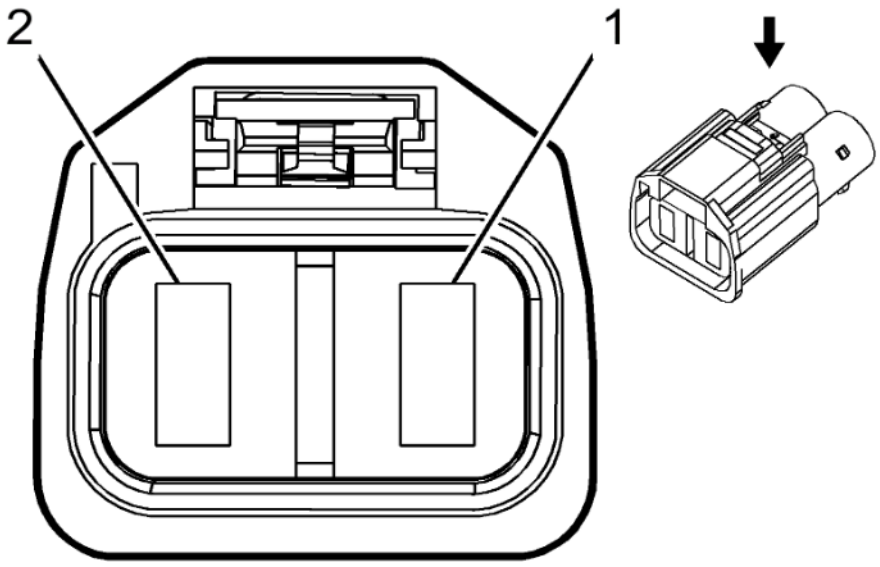
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/WH	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-

K92 REAR WHEEL STEERING CONTROL MODULE X1 (NYS)

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Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 13741946
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 9.5 Series, Sealed (BK)

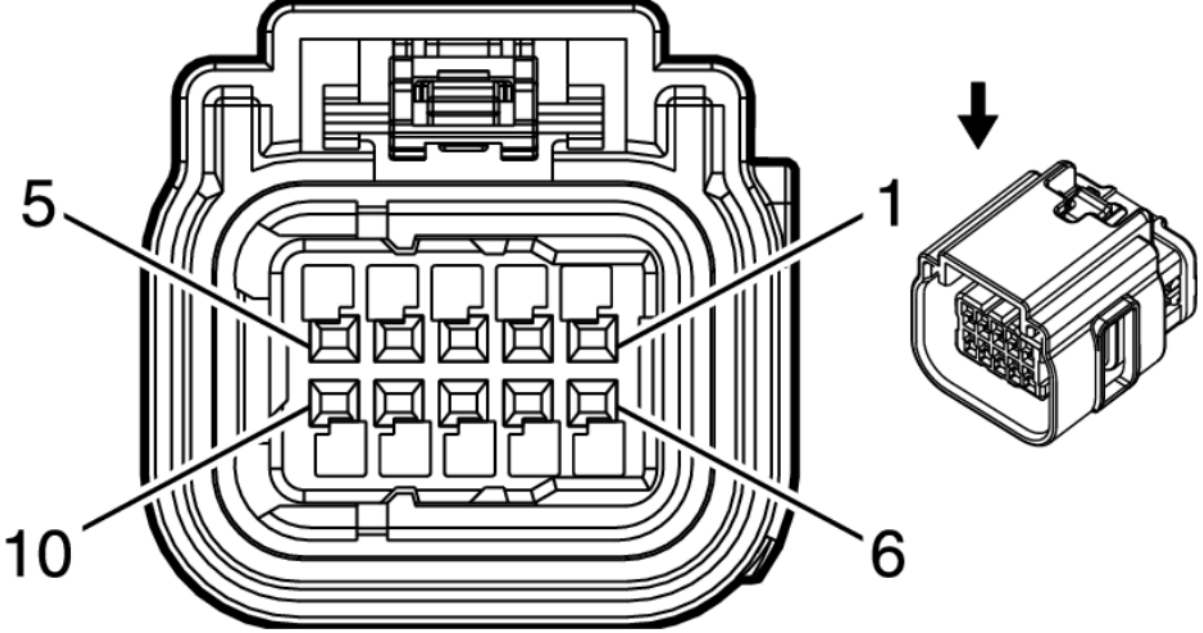
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/GN	742	Battery Positive Voltage	I	-
2	10	BK	3250	Ground	I	-

K92 REAR WHEEL STEERING CONTROL MODULE X2 (NYS)

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Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 33141802
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Series, Sealed (BK)

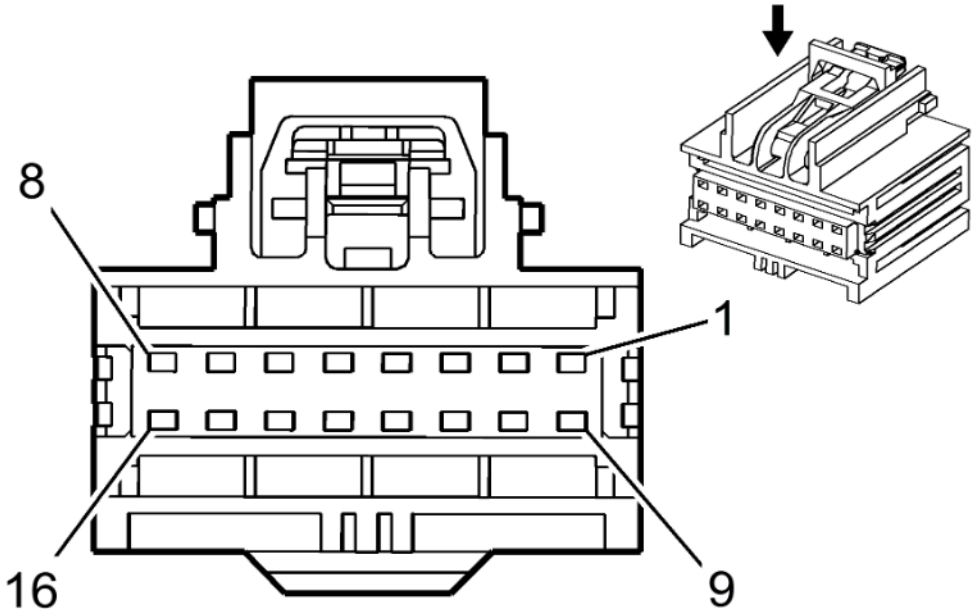
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
5	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
6	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
10	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-

K96 MIRROR CONTROL MODULE

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13595812
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (L-GY)

Terminal Part Information

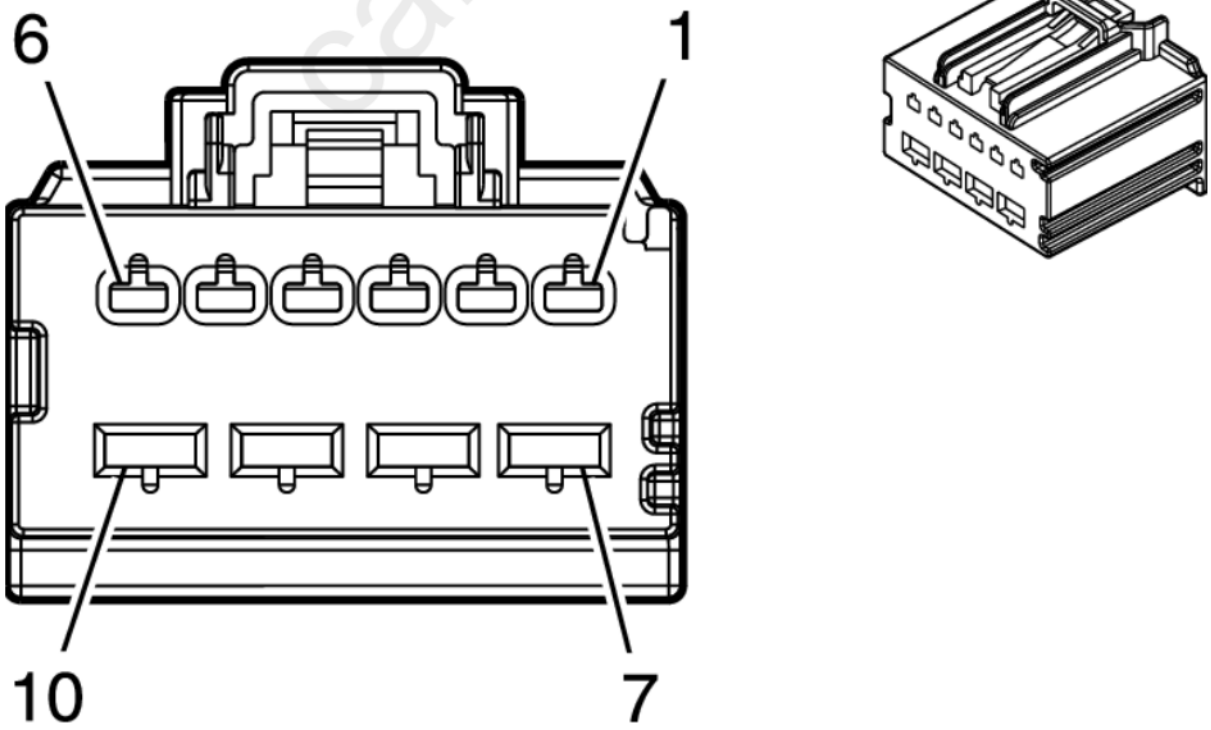
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/VT	1940	Battery Positive Voltage	I	-
2	0.5	GY/WH	3411	Driver Mirror Motor Fold Out Control	I	DNP/DWR
3	0.5	WH/GN	3412	Driver Mirror Motor Fold In Control	I	DNP/DWR
4	0.35	WH/YE	3395	Driver Mirror Position Sensor Left (-) Right (+) Signal	I	-
5	0.35	VT/RD	3392	Driver Mirror Position Sensor 5V Reference	I	-
6	0.35	BK/BN	3393	Driver Mirror Position Sensor Low Reference	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.13	VT	3404	Driver Mirror Switch Right (+) Left (-) Signal	I	-
8	0.13	YE	1382	LED Dimming Signal	I	-
9	0.35	VT/BU	3390	Driver Mirror Motor Up (+) Down (-) Control	I	-
10	0.35	BN/BK	3389	Driver Mirror Motor Right (+) Left (-) Control	I	-
11	0.35	YE/BN	3391	Driver Mirror Motor Common Control	I	-
12	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
13	0.35	GY/BN	3394	Driver Mirror Position Sensor Up (+) Down (-) Signal	I	-
14	0.5	BK	2150	Ground	I	-
15	0.5	BK/VT	5478	Mirror Switch Low Reference	I	-
16	0.13	WH	3405	Driver Mirror Switch Up (-) Down (+) Signal	I	-

K99 STEERING COLUMN POSITION CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel

- OEM Connector: 13578134
- Service Connector: 13582823
- Description: 10-Way F 1.5, 2.8 Series (BK)

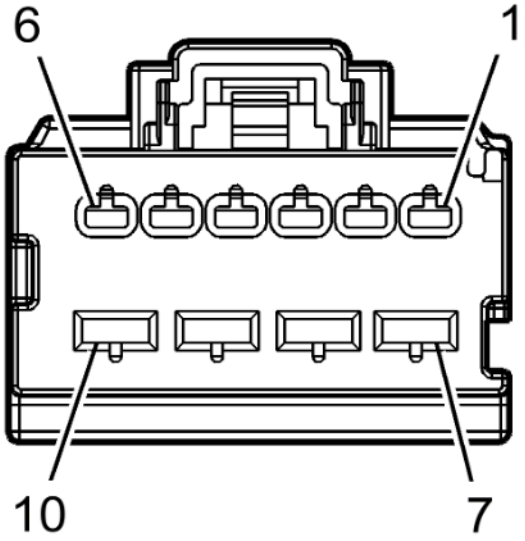
Terminal Part Information

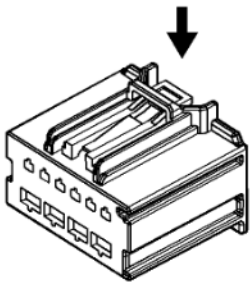
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1350	Ground	II	-
2	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	II	-
3	0.35	GN/BN	2095	Steering Column Tilt and Telescope Rearward Switch Signal	II	-
4	0.35	BN/GY	2096	Steering Column Tilt and Telescope Up Switch Signal	II	-
5	0.35	YE/BN	2097	Steering Column Tilt and Telescope Down Switch Signal	II	-
6	0.35	BU/YE	2094	Steering Column Tilt and Telescope Forward Switch Signal	II	-
7	0.75	RD/BN	3640	Battery Positive Voltage	I	-
8	0.75	BK	1350	Ground	I	-
9 - 10	-	-	-	Not Occupied	-	-

K99 STEERING COLUMN POSITION CONTROL MODULE X2

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Connector Part Information

- Harness Type: Steering Column
- OEM Connector: 13582822
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (GY)

Terminal Part Information

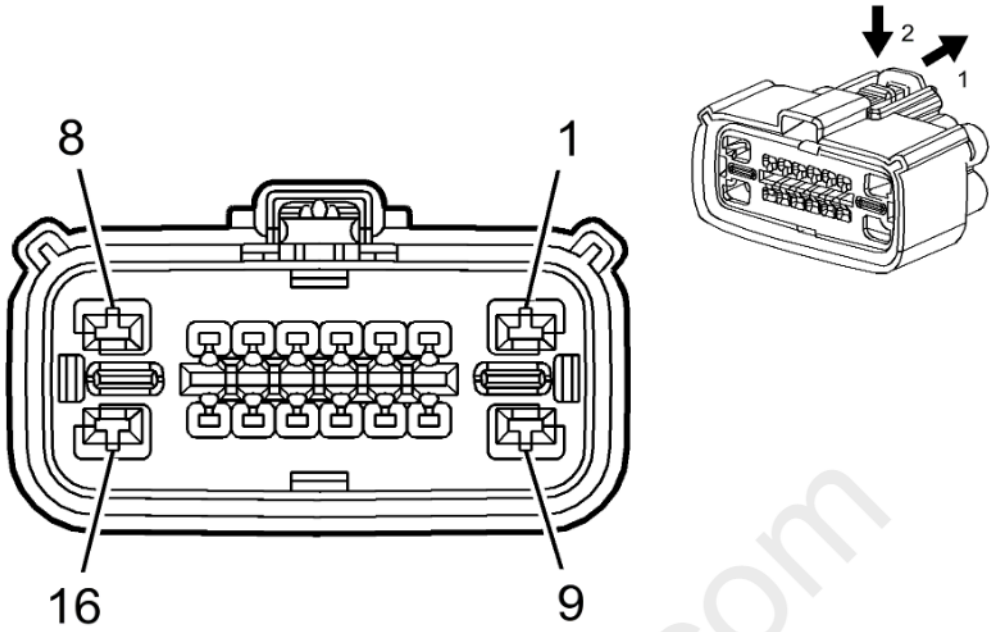
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	2153	Steering Column Telescope Motor Signal	I	-
2	0.35	WH	2152	Steering Column Telescope Motor Low Reference	I	-
3	0.35	GY	2154	Steering Column Tilt Motor Signal	I	-
4	0.35	BU	2157	Steering Column Tilt Motor Low Reference	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	1.0	GN	2098	Steering Column Telescope Motor Forward Control	I	-
8	1.0	RD	2110	Steering Column Telescope Motor Rearward Control	I	-
9	1.0	OG	2112	Steering Column Tilt Motor Down Control	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	1.0	VT	2111	Steering Column Tilt Motor Up Control	I	-

K111 FUEL PUMP DRIVER CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33213204
- Service Connector: 19352906
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)

Terminal Part Information

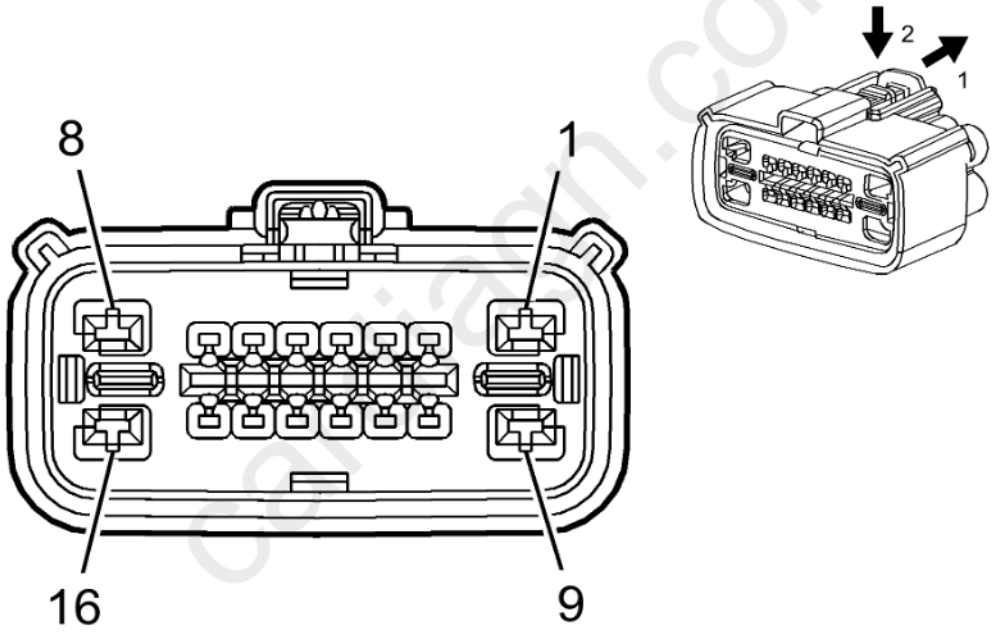
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
III	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/VT	2640	Battery Positive Voltage	I	-
2	0.5	GY	5660	Fuel Pump Controller Data Out Signal	III	-
3	-	-	-	Not Occupied	-	-
4	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	III	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	III	-
6	0.5	VT/WH	2439	Run/Crank Ignition 1 Voltage	III	-
7	0.5	VT/YE	5985	Accessory Wakeup Serial Data	III	-
8	2	GY	120	Fuel Pump Control	II	-
9	2.5	BK	2350	Ground	I	-
10 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU	7444	Fuel System Control Module Shield Ground	III	-
16	2	BK/GN	1580	Fuel Pump Low Reference	II	-

K111 FUEL PUMP DRIVER CONTROL MODULE (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33213204
- Service Connector: 19352906
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)

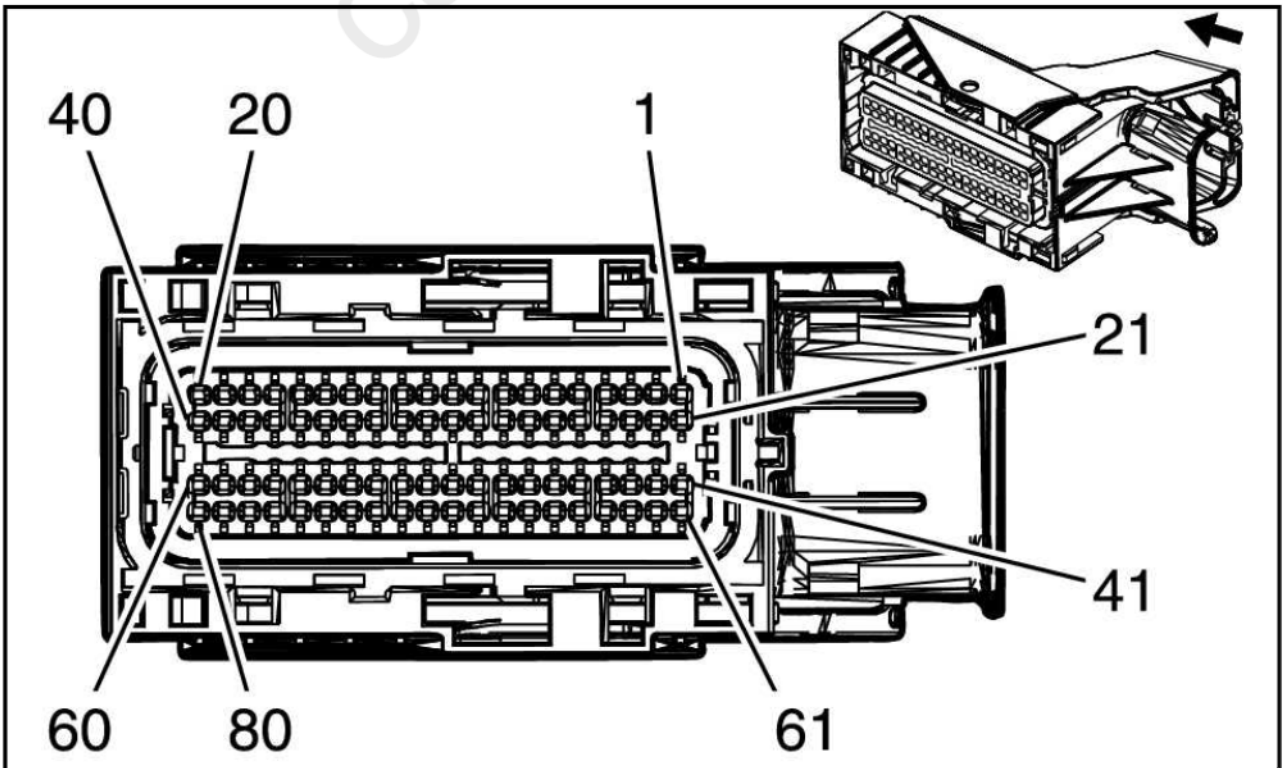
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D
III	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/VT	2640	Battery Positive Voltage	II	-
2	0.5	GY	5660	Fuel Pump Controller Data Out Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
5	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
6	0.5	VT/WH	2439	Run/Crank Ignition 1 Voltage	I	-
7	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
8	2	GY	120	Fuel Pump Control	III	-
9	2.5	BK	2350	Ground	II	-
10 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU	7444	Fuel System Control Module Shield Ground	I	-
16	2	BK/GN	1580	Fuel Pump Low Reference	III	-

K114B HYBRID/EV POWERTRAIN CONTROL MODULE 2 X1 (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13782479
- Service Connector: 13577545
- Description: 80-Way F MX123 Series, Sealed (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19355819	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19355820	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	2350	Ground	I	-
2	0.75	RD/WH	1340	Battery Positive Voltage	I	-
3	0.5	YE/VT	3962	High Voltage Battery 3 (+) Relay Control	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	VT/GY	3961	High Voltage Battery (-) Relay Control	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	WH/VT	5137	Precharge Relay PWM Signal	I	-
9	0.5	BN/GN	3959	High Voltage Battery 1 (+) Relay Control	I	-
10	0.5	VT	3195	Auxiliary Heater Control	I	-
11 - 16	-	-	-	Not Occupied	-	-
17	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
18	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
19	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
20	0.5	BK/YE	407	Sensor Low Reference	I	-
21 - 25	-	-	-	Not Occupied	-	-
26	0.5	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
27	0.5	GN/VT	2032	Coolant Temperature Sensor Signal	I	-
28 - 30	-	-	-	Not Occupied	-	-

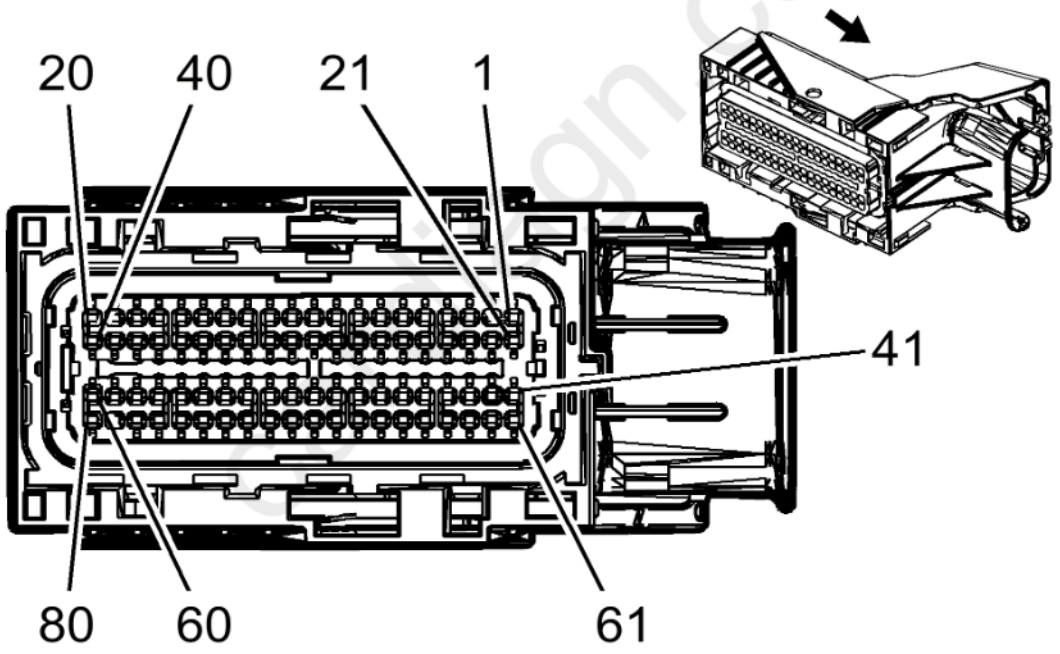
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
31	0.5	BU	204	A/C Low Pressure Sensor Signal	I	-
32	0.5	BU/YE	68	Low Coolant Level Indicator Control	I	-
33	0.5	BK/GN	476	Sensor Low Reference	I	-
34 - 36	-	-	-	Not Occupied	-	-
37	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
38	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
39	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
40	0.5	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-
41 - 44	-	-	-	Not Occupied	-	-
45	0.5	BK/BN	5088	High Voltage Interlock Loop Low Reference 1	I	-
46	-	-	-	Not Occupied	-	-
47	0.5	VT	5087	High Voltage Interlock Loop Signal 1	I	-
48	-	-	-	Not Occupied	-	-
49	0.5	BK/BU	720	Sensor Low Reference	I	-
50	0.5	VT/BN	2028	Coolant Valve Position Sensor Signal	I	-
51	-	-	-	Not Occupied	-	-
52	0.35	YE	4063	Hood Status A Signal	II	-
53	-	-	-	Not Occupied	-	-
54	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
55	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
56	-	-	-	Not Occupied	-	-
57	0.5	BU/GN	6433	CAN Bus High Serial Data	I	-
58	0.5	WH	6432	CAN Bus Low Serial Data	I	-
59	-	-	-	Not Occupied	-	-
60	0.5	BK/GN	476	Sensor Low Reference	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BU/RD	474	5V Reference	I	-
64	0.5	WH/RD	596	5V Reference	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
65 - 69	-	-	-	Not Occupied	-	-
70	0.5	GY/WH	1447	Fuel Door Release Switch Signal	I	-
71	-	-	-	Not Occupied	-	-
72	0.5	BU/BK	6502	Fuel Door Open Signal	I	-
73	-	-	-	Not Occupied	-	-
74	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
75	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
76	-	-	-	Not Occupied	-	-
77	0.5	BU/GN	6433	CAN Bus High Serial Data	I	-
78	0.5	WH	6432	CAN Bus Low Serial Data	I	-
79 - 80	-	-	-	Not Occupied	-	-

K114B HYBRID/EV POWERTRAIN CONTROL MODULE 2 X2 (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13511426
- Service Connector: 19115670
- Description: 80-Way F 0.64 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

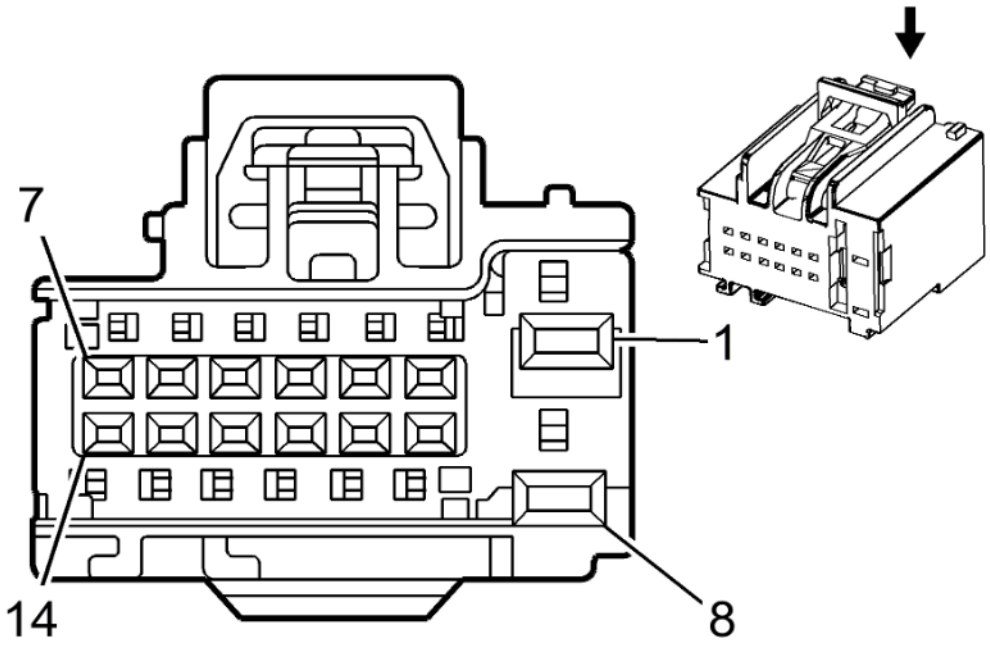
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19355819	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.5	GY	9697	-	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	BN/WH	3827	Refuel Request Switch Signal	I	-
8	0.5	GY/GN	3954	Control Pilot Signal 1	I	-
9	0.5	BU/VT	2364	Cooling Fan Speed Signal	I	-
10	0.5	BU/GY	5139	High Voltage Fault Signal	I	-
11	-	-	-	Not Occupied	-	-
12	0.5	GN/GY	3644	High Voltage Onboard Charging AC Voltage Sense Signal	I	-
13	0.5	VT/WH	3643	High Voltage Onboard Charging DC Voltage Sense Signal	I	-
14	0.5	VT/BU	3790	Electric Coolant Motor Feedback Signal	I	-
15	0.5	BU/YE	3953	Proximity Status Signal 1	I	-
16 - 24	-	-	-	Not Occupied	-	-
25	0.5	WH/BU	3697	Charge Port Door Sensor Signal	I	-
26	0.5	GY	997	-	I	-
27	0.5	VT/BK	1639	Run/Crank Ignition 1 Voltage	I	-
28 - 32	-	-	-	Not Occupied	-	-
33	0.5	YE/GY	3796	Rechargeable Energy Storage System 1 Coolant Motor Feedback Signal	I	-
34 - 37	-	-	-	Not Occupied	-	-
38	0.5	GN	5060	Low Speed GMLAN Serial Data	I	-
39 - 40	-	-	-	Not Occupied	-	-
41	0.5	BU/BK	6801	Fuel Door Lock/Unlock 1 Reference	I	-
42	0.5	WH/GN	3794	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
43	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
44	0.5	BU/YE	3646	High Voltage Onboard Charging Enable	I	-
45 - 51	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
52	0.5	WH	2368	Cooling Fan Control Signal	I	-
53	0.5	YE/GY	3645	High Voltage Onboard Charging Control	I	-
54 - 58	-	-	-	Not Occupied	-	-
59	0.5	BU/VT	3818	Rechargeable Energy Storage System Coolant HVAC Mode Motor High Control	I	-
60	-	-	-	Not Occupied	-	-
61	0.5	BU	6800	Fuel Door Lock/Unlock 1 Signal	I	-
62	0.5	GY/GN	3957	Charging Pilot Signal Indicator Control	I	-
63	0.5	BN/BU	3788	Electric Coolant Motor Control	I	-
64	0.5	YE/VT	3956	Charging Status Indicator Control	I	-
65	0.5	BU/BN	3787	High Voltage Energy Management Communication Control	I	-
66	-	-	-	Not Occupied	-	-
67	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
68 - 72	-	-	-	Not Occupied	-	-
73	0.5	BU/VT	3795	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
74	0.5	YE/GN	3789	Electric Coolant Motor Control	I	-
75 - 78	-	-	-	Not Occupied	-	-
79	0.5	WH/YE	3819	Rechargeable Energy Storage System Coolant HVAC Mode Motor Low Control	I	-
80	-	-	-	Not Occupied	-	-

K124 ACTIVE SAFETY CONTROL MODULE X1 (HP9+(UGN/UVZ))



Connector Part Information

- Harness Type: Body
- OEM Connector: 13601512
- Service Connector: 89047362
- Description: 14-Way F 0.64, 1.5 Series (BK)

Terminal Part Information

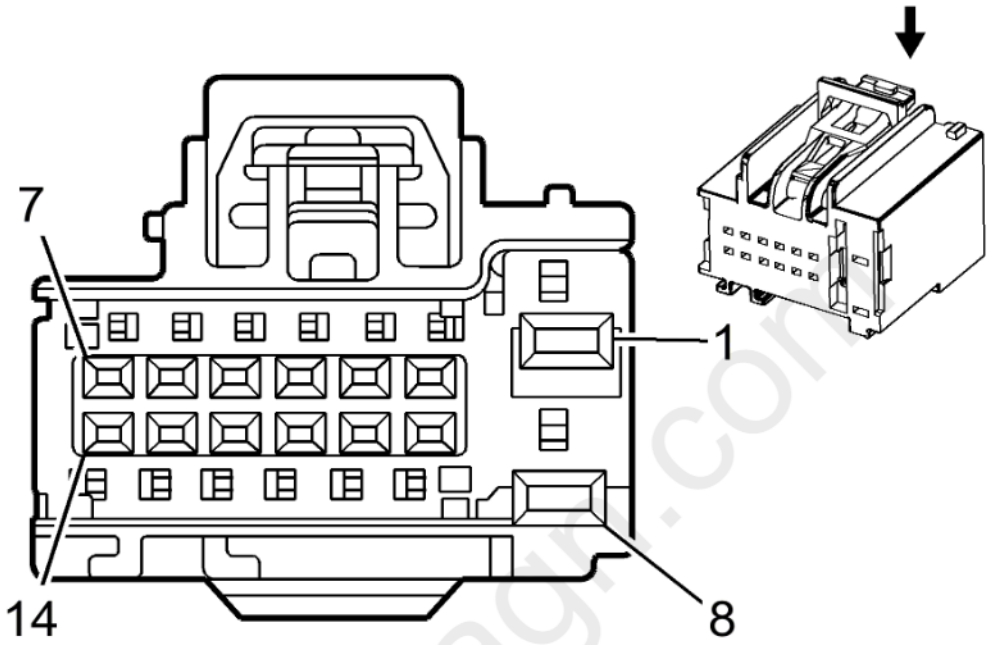
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575735	J-35616-14 (GN)	J-38125-553	12191812	Delphi 19	E	C
II	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GN	3840	Battery Positive Voltage	I	-
2	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	II	-
3	0.35	WH	3152	Lane Departure Warning Indicator Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	II	-
7	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	II	-
8	0.5	BK	2450	Ground	I	-
9	0.35	GY/VT	3808	Front Object Sensor Control 2	II	-
10	0.35	BN/VT	3809	Front Object Sensor Control 1	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	GY/GN	2555	Rear Park Assist Disable Signal	II	-
12	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
13	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	II	-
14	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	II	-

K124 ACTIVE SAFETY CONTROL MODULE X1 (KL9+(UGN/UVZ))



Connector Part Information

- Harness Type: Body
- OEM Connector: 13601512
- Service Connector: 89047362
- Description: 14-Way F 0.64, 1.5 Series (BK)

Terminal Part Information

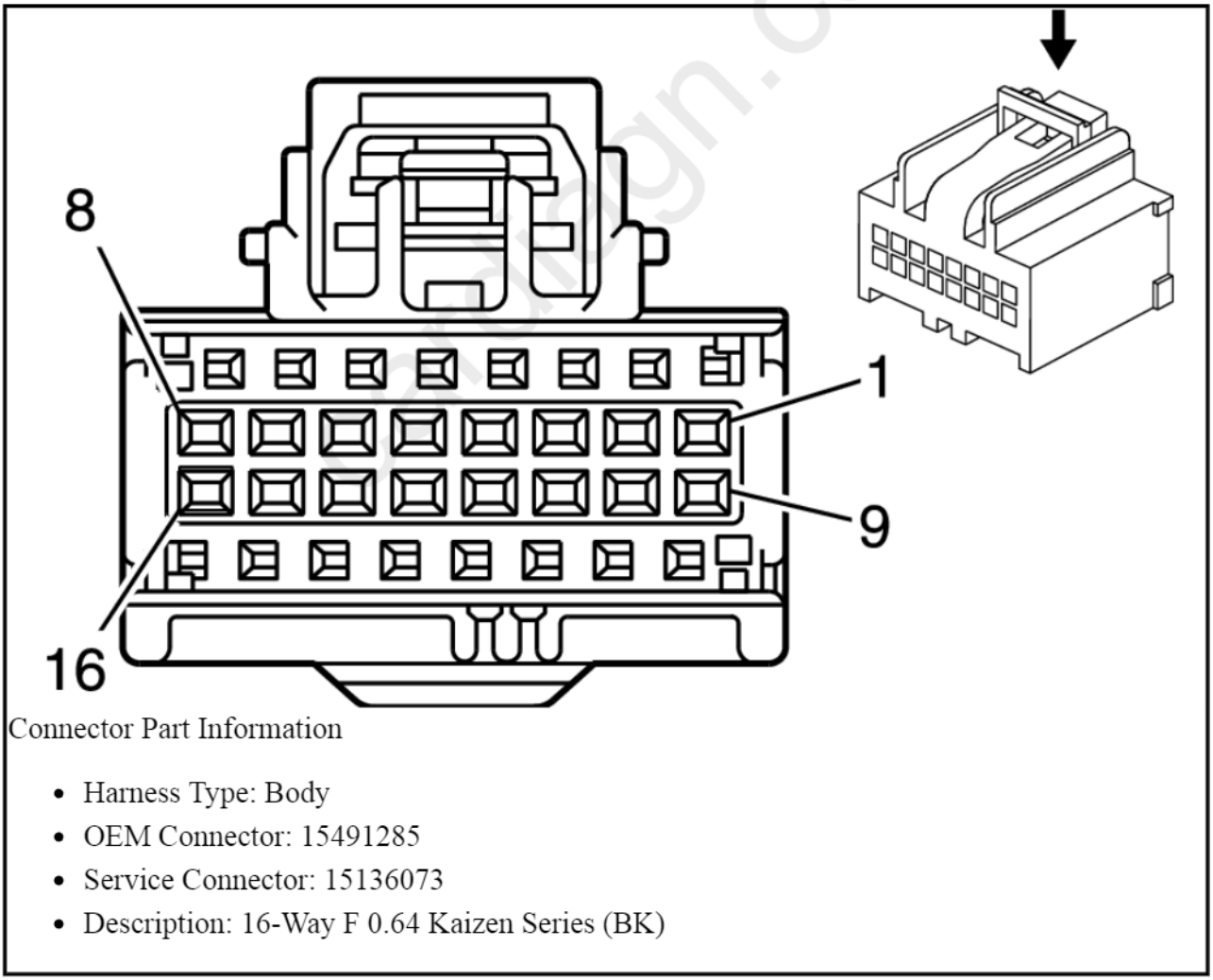
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575735	J-35616-14 (GN)	J-38125-553	12191812	Delphi 19	E	C
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GN	3840	Battery Positive Voltage	I	-
2	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	II	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	WH	3152	Lane Departure Warning Indicator Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
7	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
8	0.5	BK	2450	Ground	I	-
9	0.35	GY/VT	3808	Front Object Sensor Control 2	II	-
10	0.35	BN/VT	3809	Front Object Sensor Control 1	II	-
11	0.35	GY/GN	2555	Rear Park Assist Disable Signal	II	-
12	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
13	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
14	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-

K124 ACTIVE SAFETY CONTROL MODULE X2 (HP9+(UGN/UVZ))



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

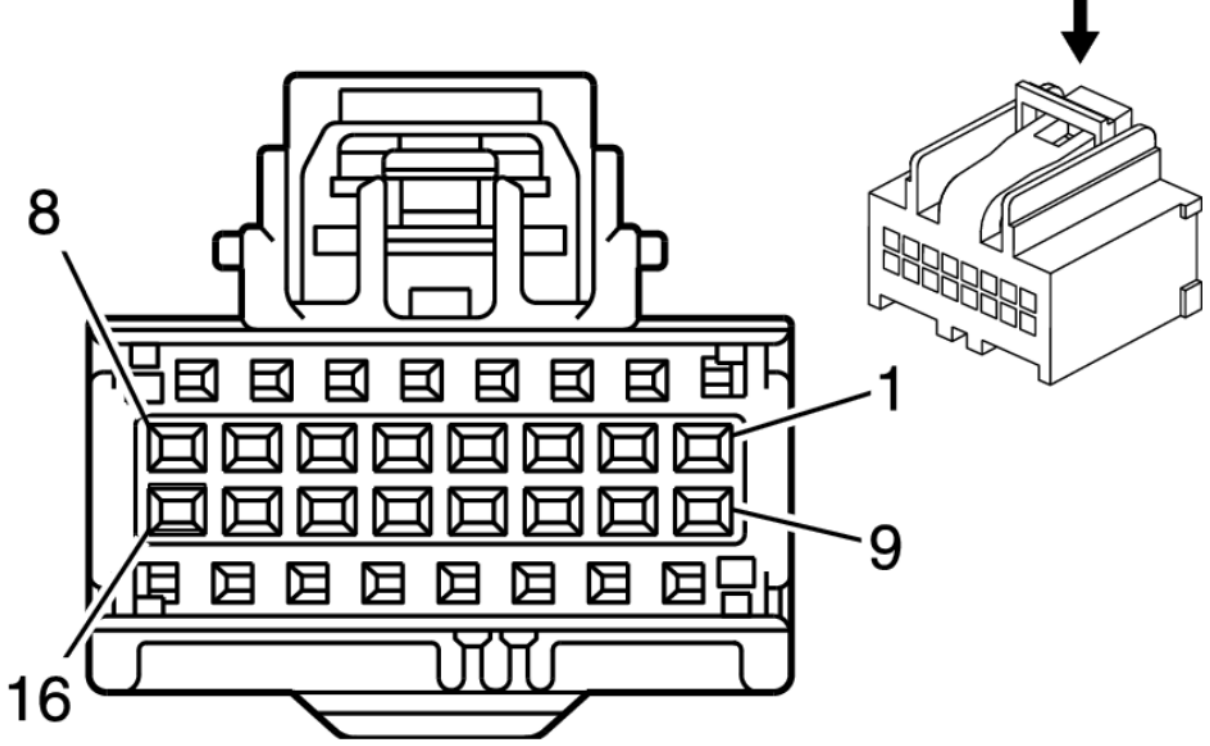
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
3	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
10	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
11	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
12	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
13	-	-	-	Not Occupied	-	-
14	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
15 - 16	-	-	-	Not Occupied	-	-

K124 ACTIVE SAFETY CONTROL MODULE X2 (KL9+(UGN/UVZ))



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Connector Part Information

- Harness Type: Body
- OEM Connector: 15491285
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

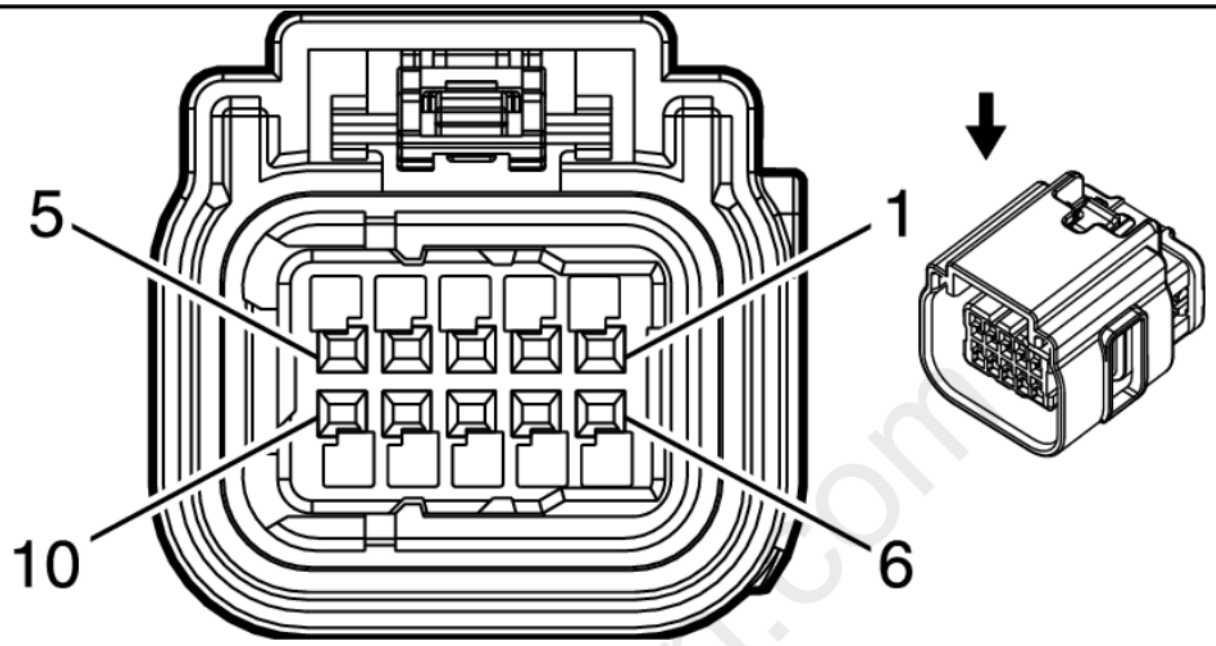
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
3	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
4	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BU/VT	3813	High Speed GMLAN Serial Data (+) 4	I	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
10	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
11	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
13	-	-	-	Not Occupied	-	-
14	0.35	WH	3811	High Speed GMLAN Serial Data (-) 4	I	-
15 - 16	-	-	-	Not Occupied	-	-

K132 PEDESTRIAN ALERT SOUND CONTROL MODULE (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33155946
- Service Connector: 19355862
- Description: 10-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

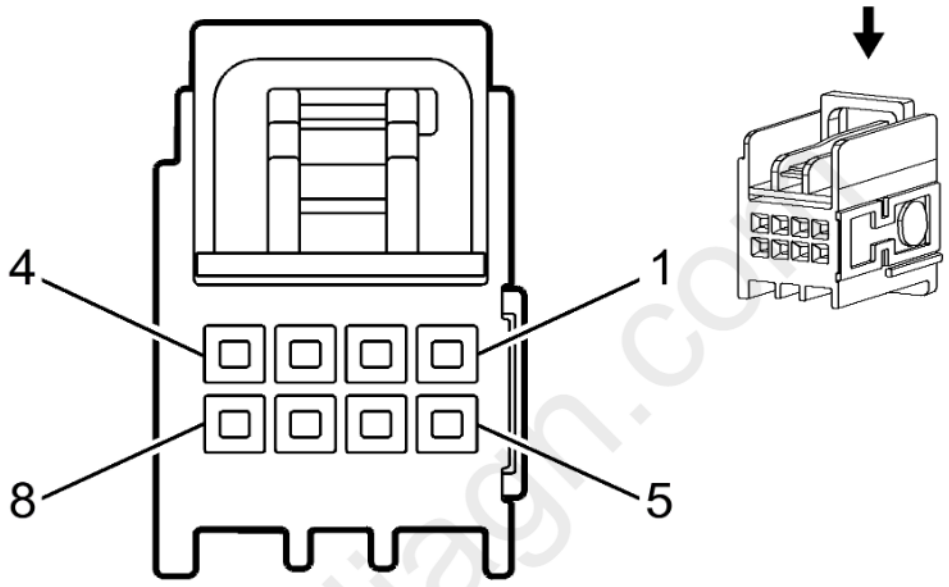
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-
2	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-
3	0.5	BK	2150	Ground	I	-
4	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
5	0.5	RD/BU	1240	Battery Positive Voltage	I	-
6	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	-
8	0.5	VT/BN	4337	Pedestrian Friendly Alert Speaker Control (-)	I	-
9	0.5	GY/GN	4338	Pedestrian Friendly Alert Speaker Control (+)	I	-
10	0.5	RD/BU	1240	Battery Positive Voltage	I	-

K134D SEAT BOLSTER MEMORY CONTROL MODULE - DRIVER (AQ9/AR9)



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 13235933
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series (BK with BK Cover)

Terminal Part Information

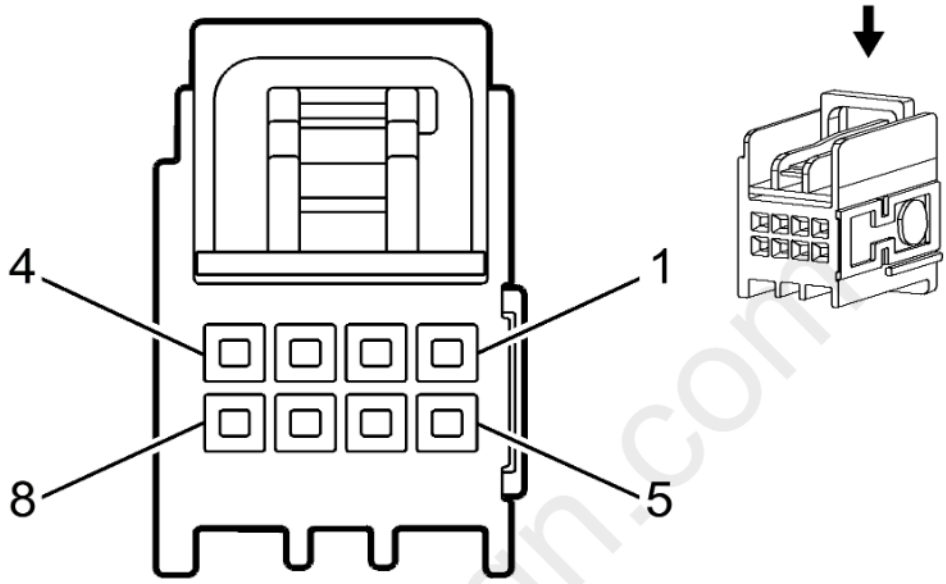
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3758	Local Interconnect Network Serial Data Bus 13	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	2150	Ground	I	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	BK	2150	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	RD/WH	2040	Battery Positive Voltage	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-

K134LR SEAT BOLSTER MEMORY CONTROL MODULE - LEFT REAR (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 13235933
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series (BK with BK Cover)

Terminal Part Information

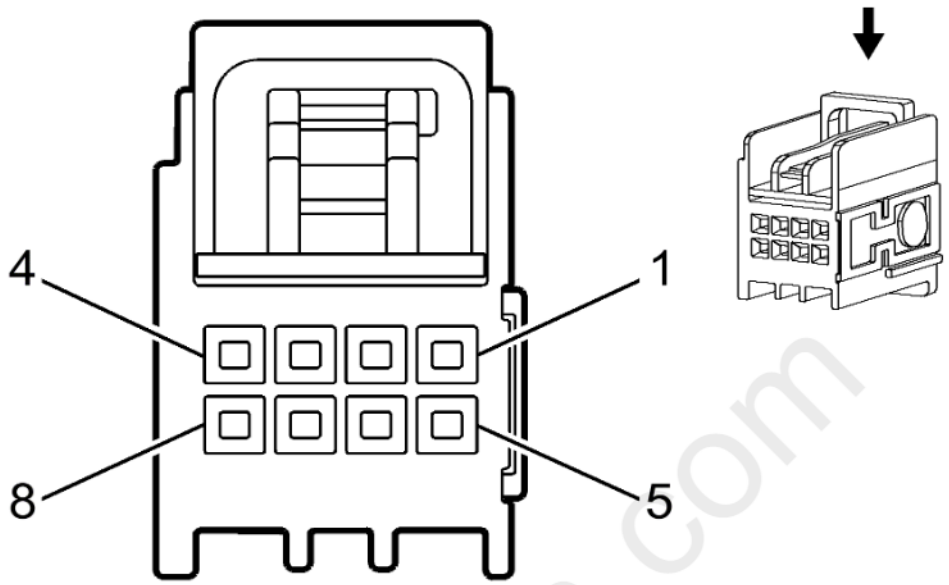
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BN	7529	Local Interconnect Network Serial Data Bus 7	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	2150	Ground	I	-
4	0.5	BK	2350	Ground	I	-
5	-	-	-	Not Occupied	-	-

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.5	RD/WH	2040	Battery Positive Voltage	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-

K134P SEAT BOLSTER MEMORY CONTROL MODULE - PASSENGER (AQ9/AR9)



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 13235933
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series (BK with BK Cover)

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Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/YE	4116	Local Interconnect Network Serial Data Bus 16	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	2150	Ground	I	-
4	0.5	BK	2250	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	RD/WH	2040	Battery Positive Voltage	I	-
7	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	WH/BU	4891	Driver Bolster Pump Control	I	-

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