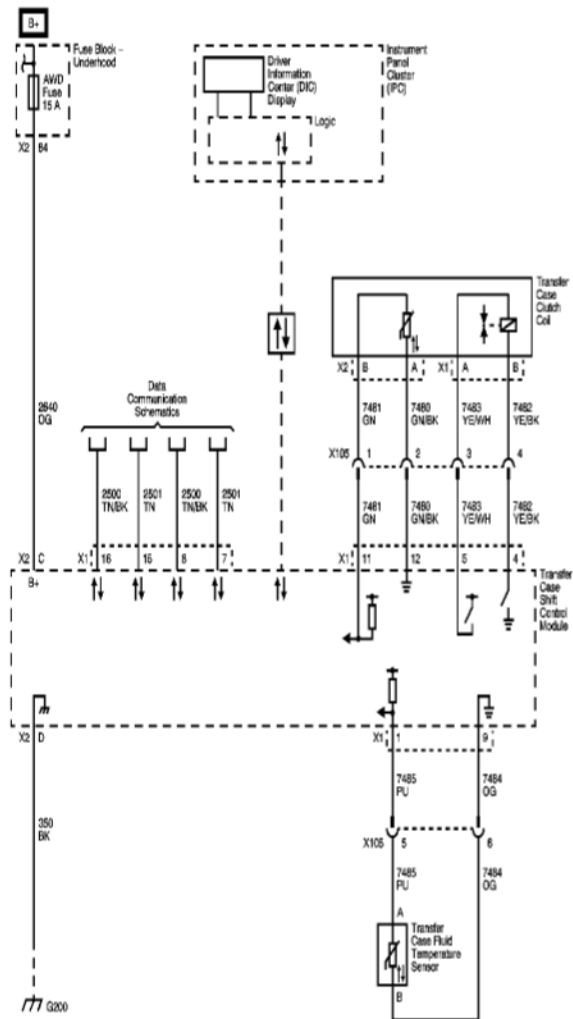
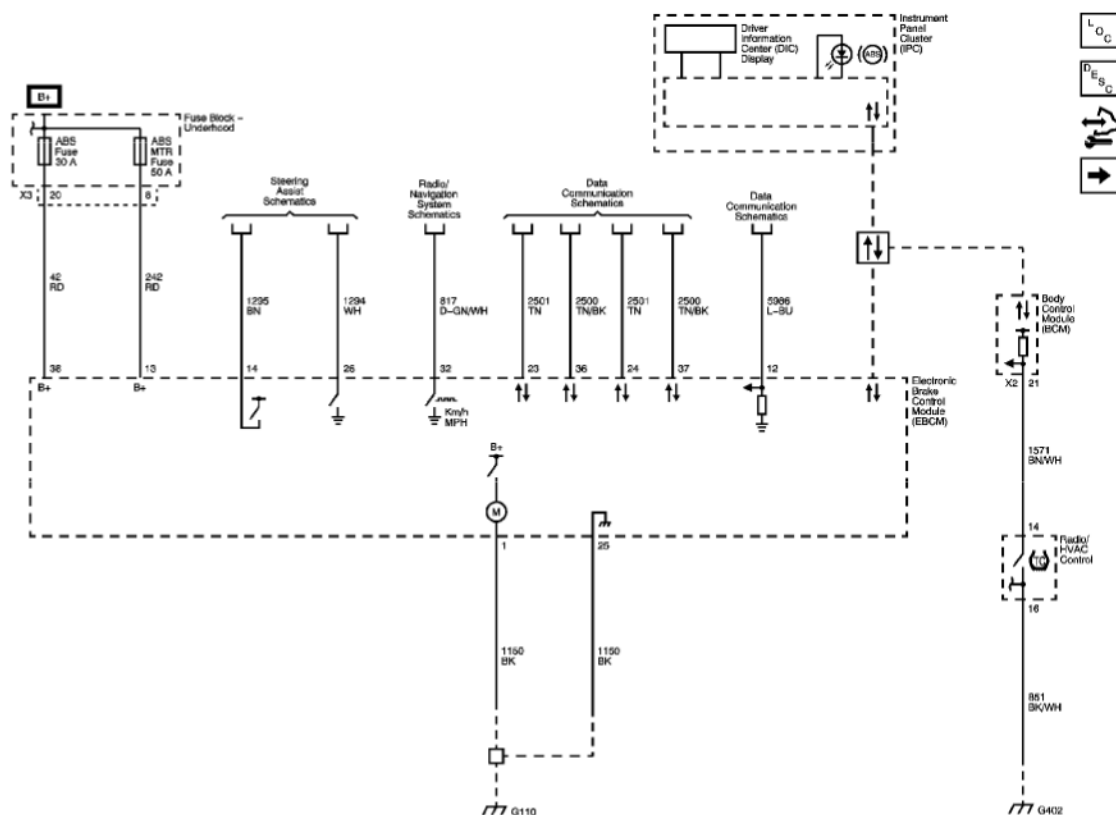
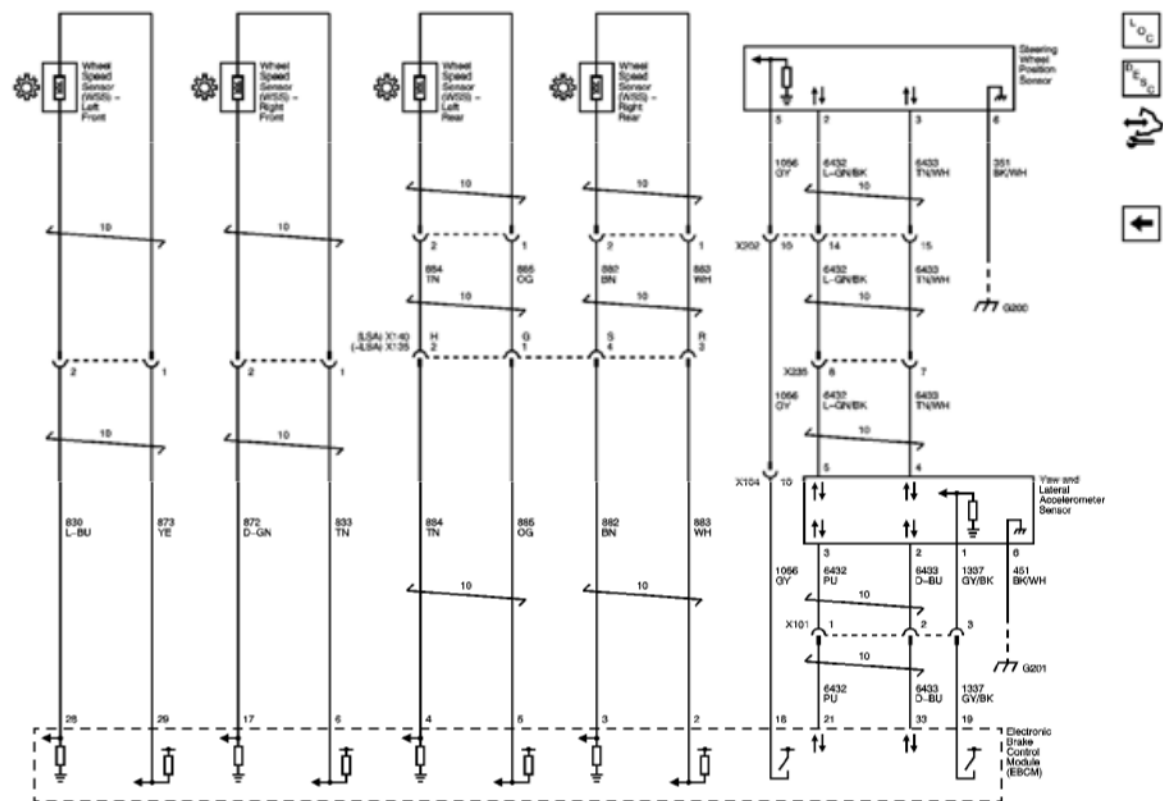


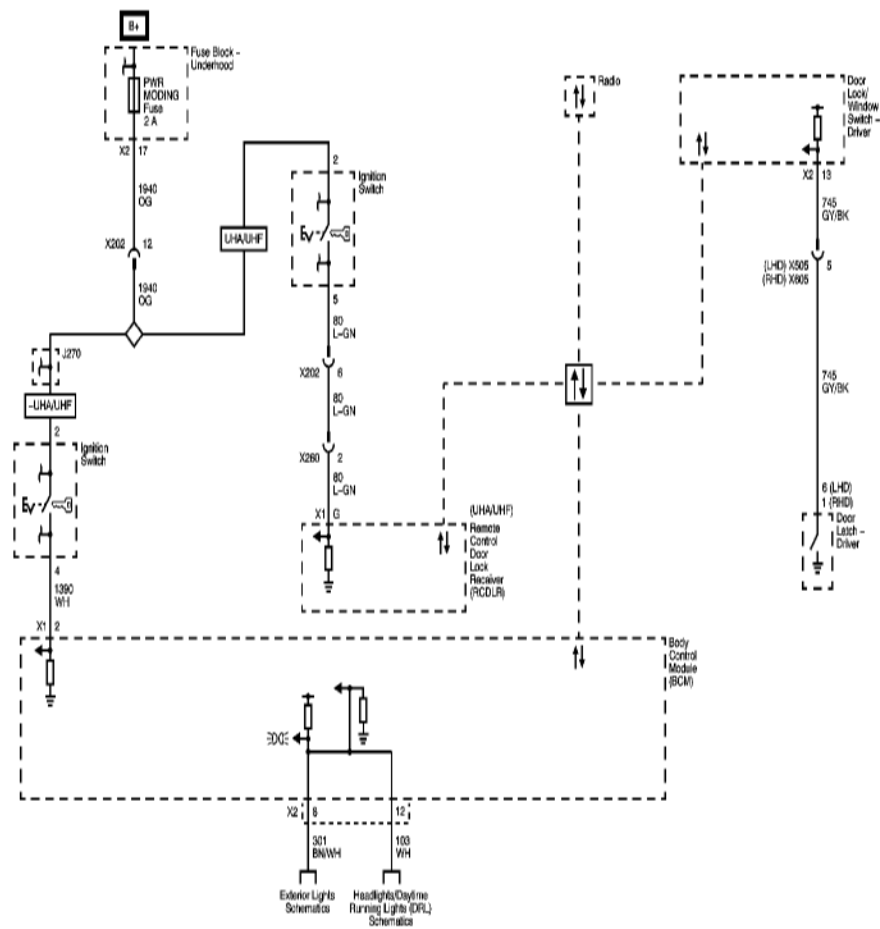


Module Power, Ground, Subsystem References

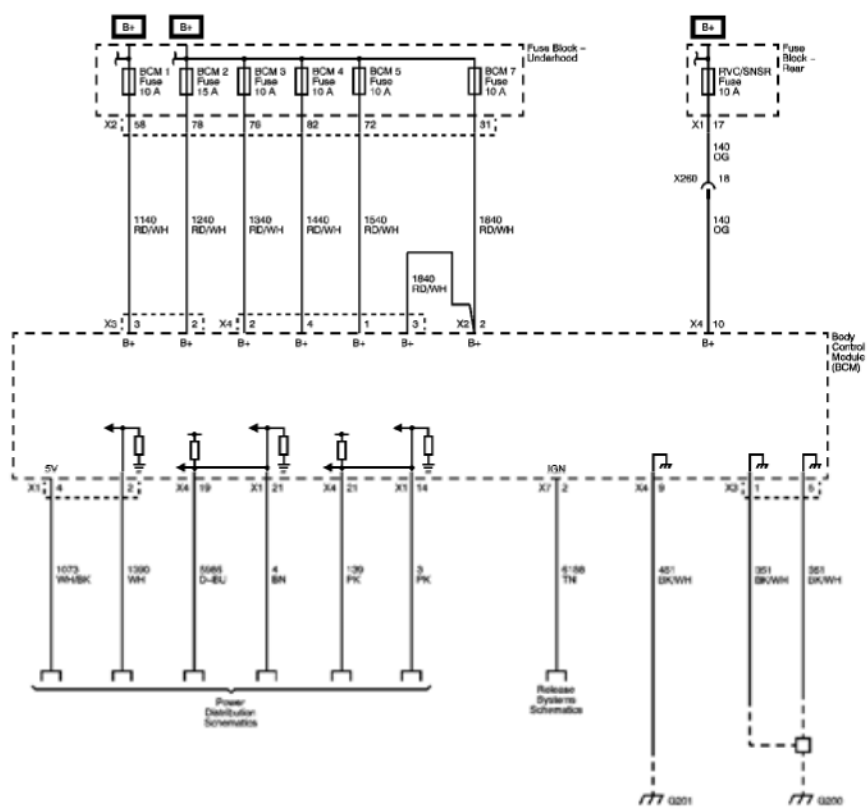


Sensors

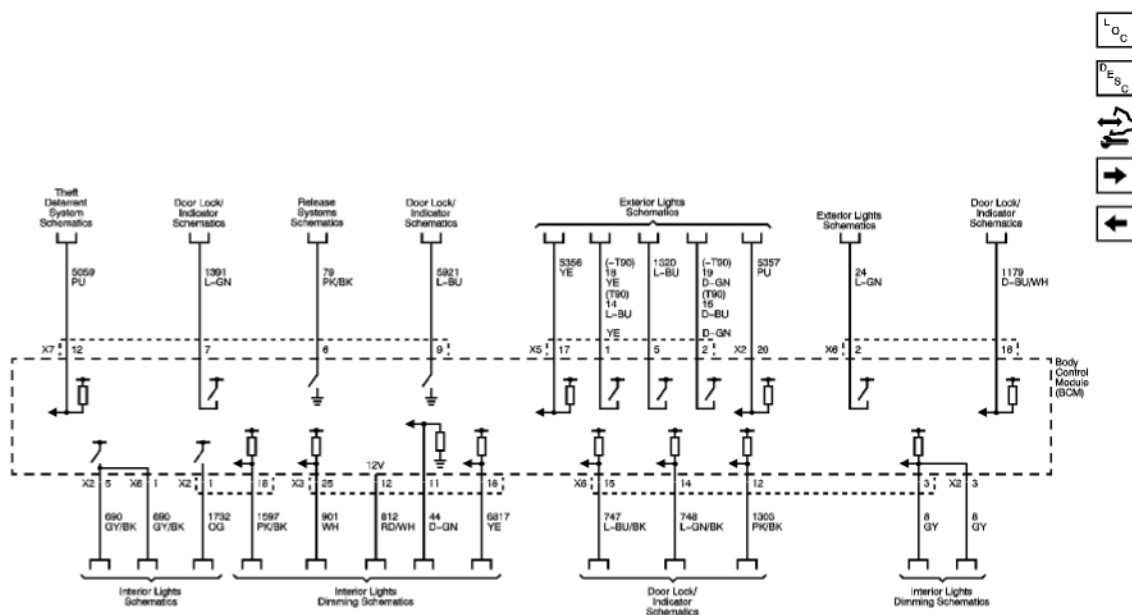




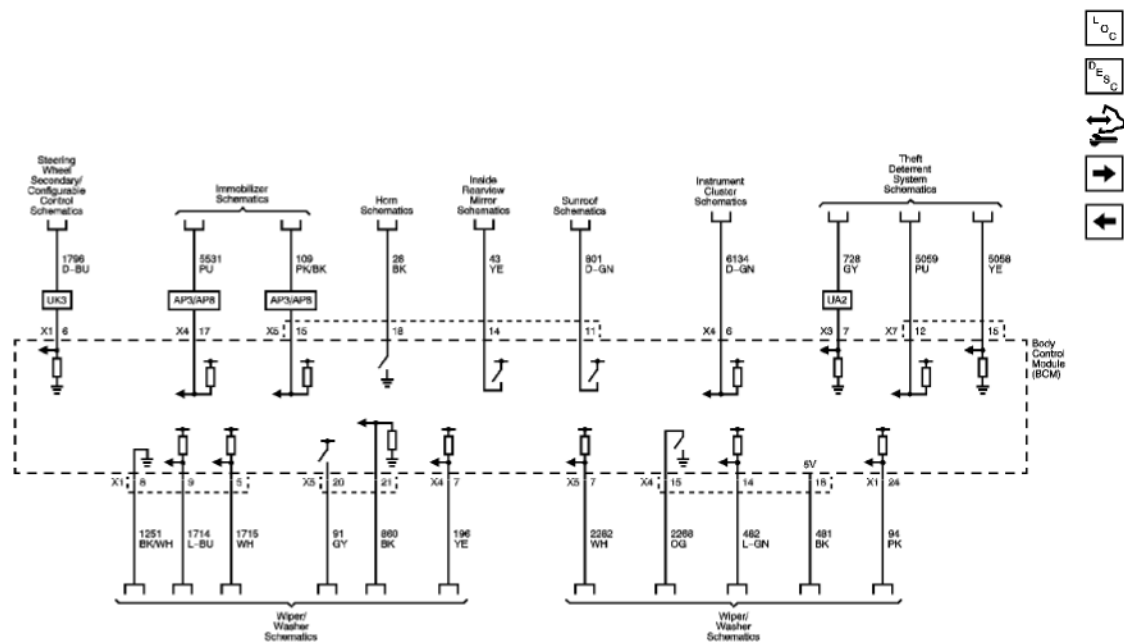
Body Control Module (BCM) Power, Grounds



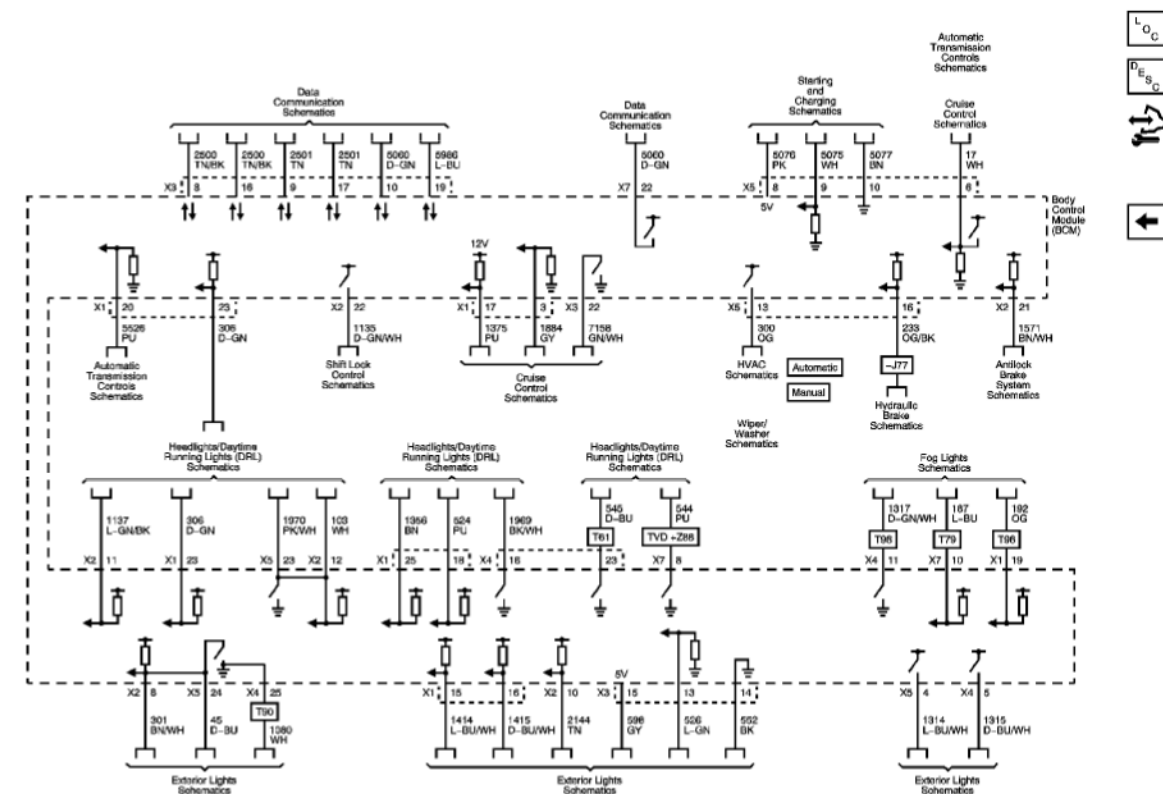
Subsystem References 1 of 3

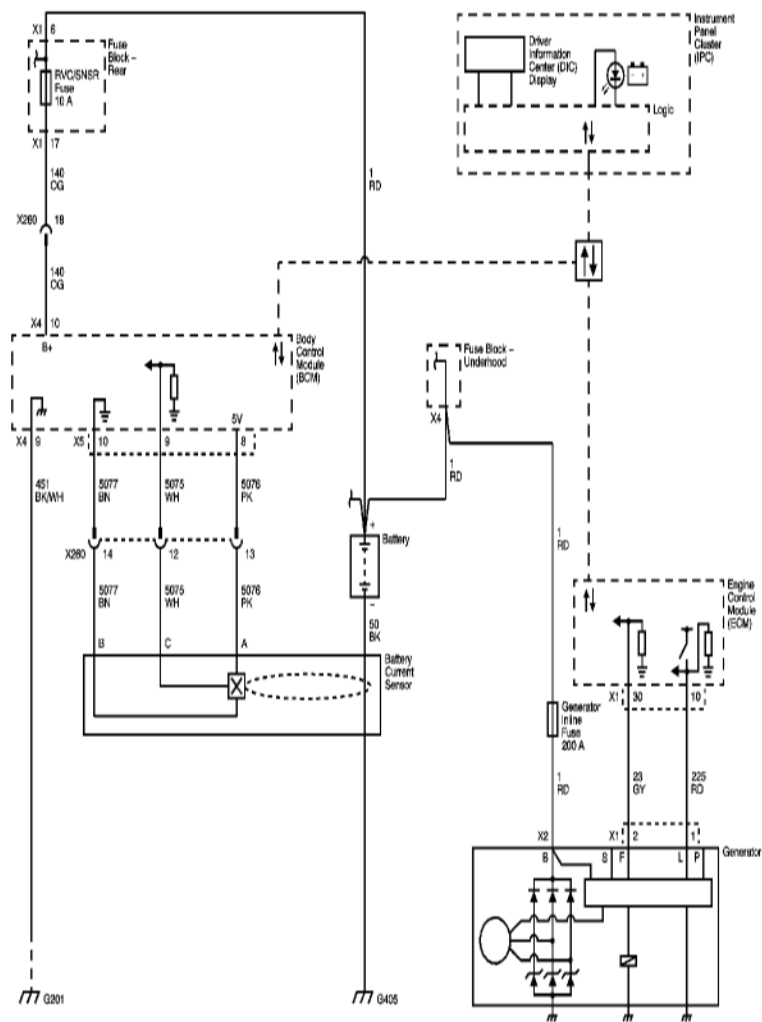


Subsystem References 2 of 3



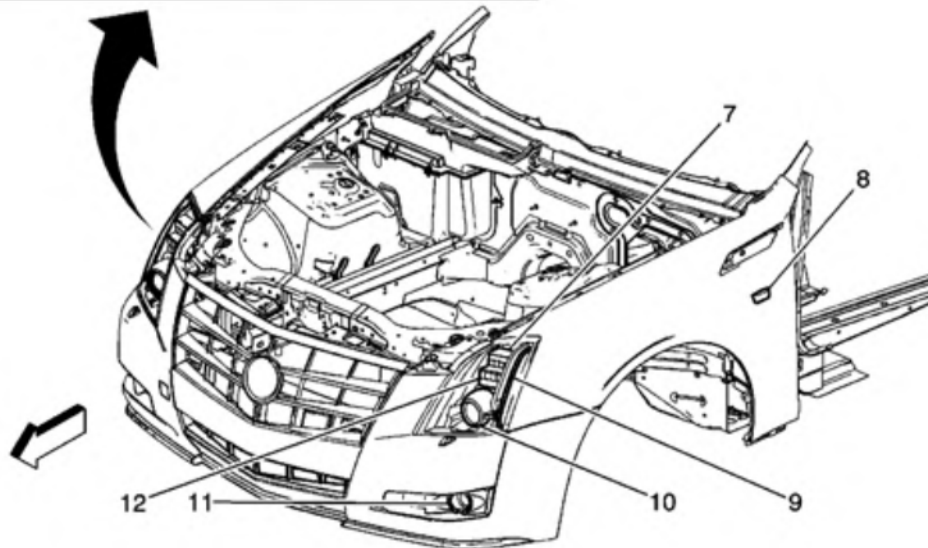
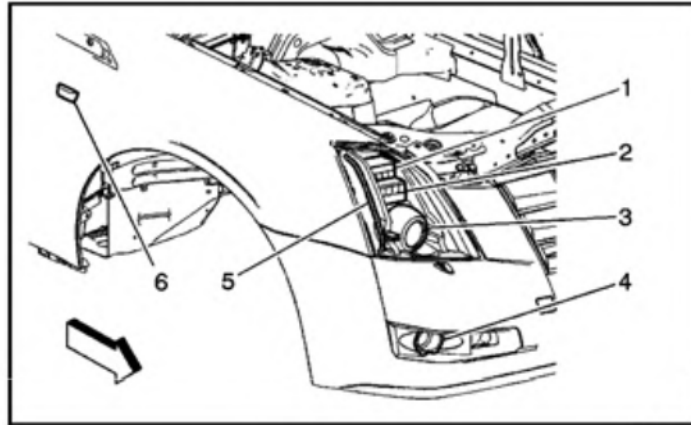
Subsystem References 3 of 3







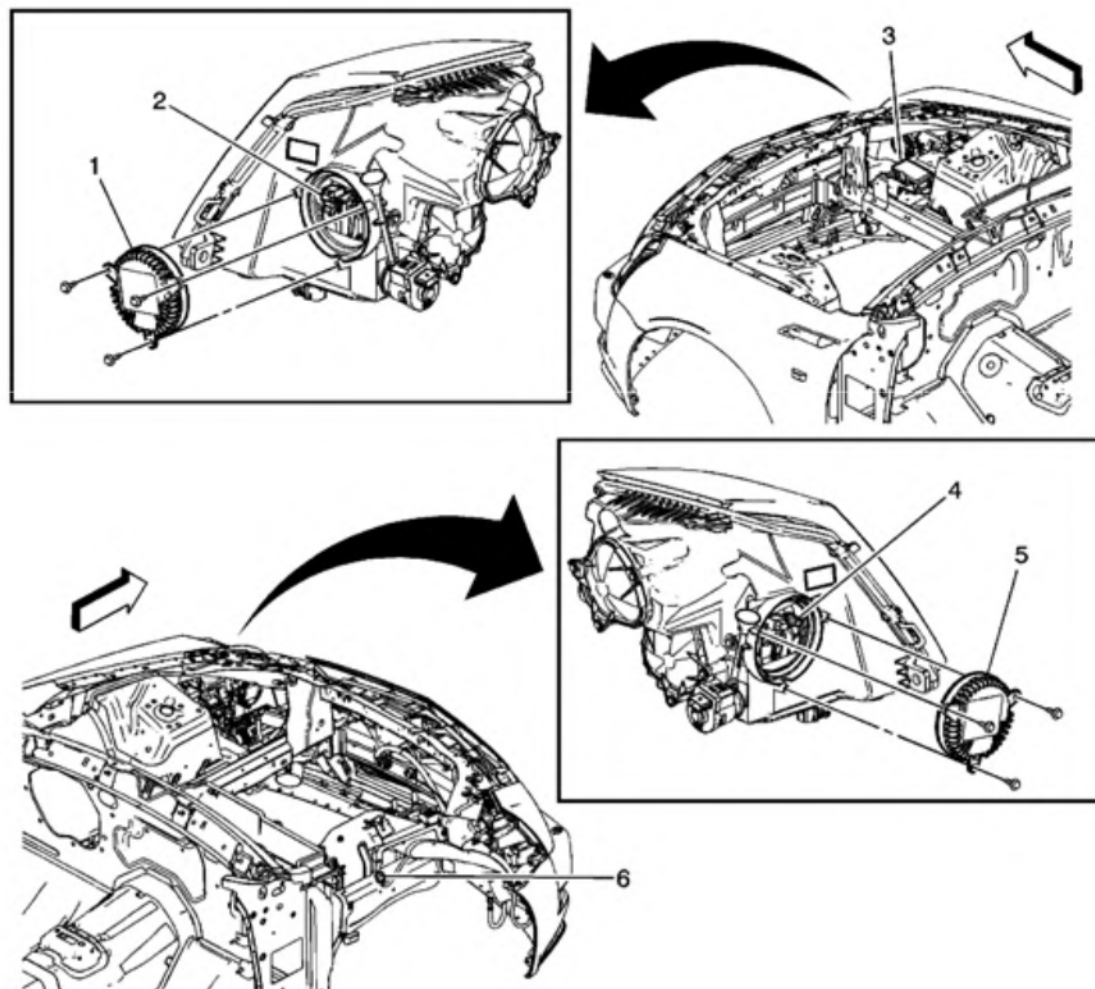
Front Fascia



- (1) Turn Signal Lamp - Right Front
- (2) Daytime Running Lamp (DRL) - Right (TT6/TT7/TT8)
- (3) Marker Lamp - Right Front (without T90)
- (4) Headlamp - Right High/Low Beam
- (5) Fog Lamp - Right Front (T96)
- (6) Marker Lamp - Right Front
- (7) Repeater Lamp - Right Front (T90)
- (8) Turn Signal Lamp - Left Front
- (9) Repeater Lamp - Left Front (T90)
- (10) Marker Lamp - Left Front
- (11) Headlamp - Left High/Low Beam

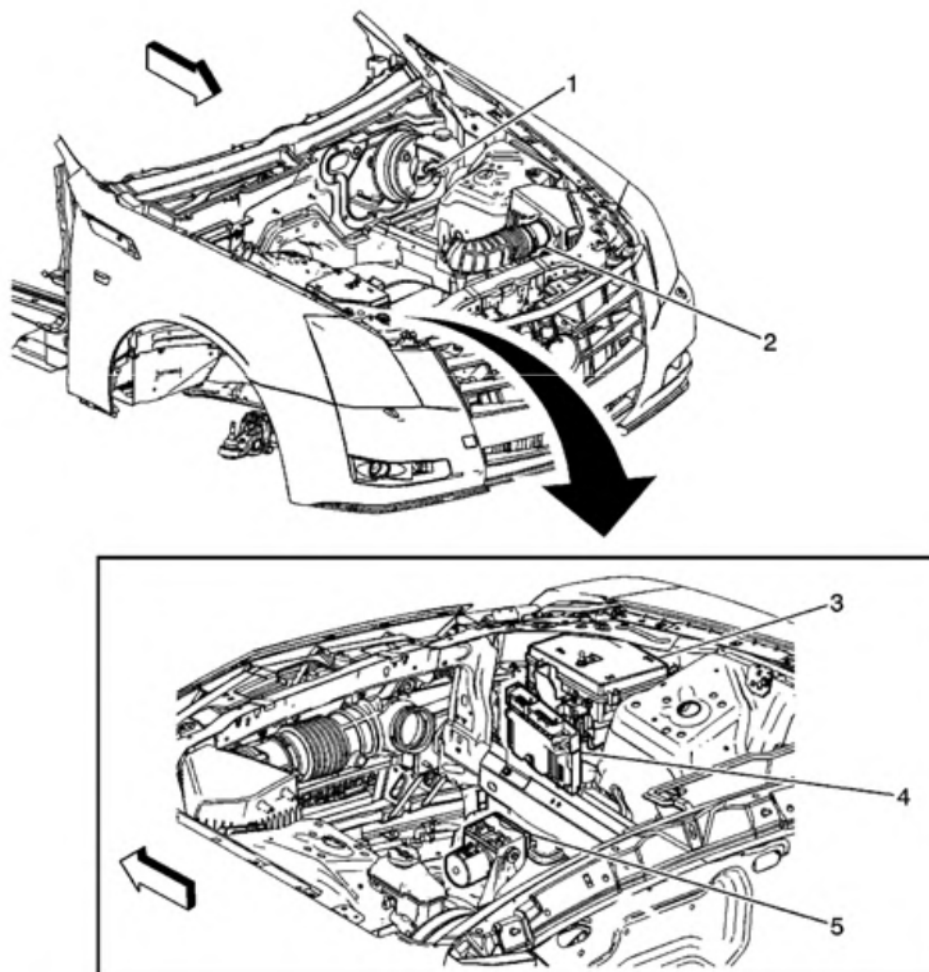
- (12) Marker Lamp - Left Front (without T90)
- (13) Fog Lamp - Left Front (T96)
- (14) Daytime Running Lamp (DRL) - Left (TT6/TT7/TT8)

Headlamps - Uplevel



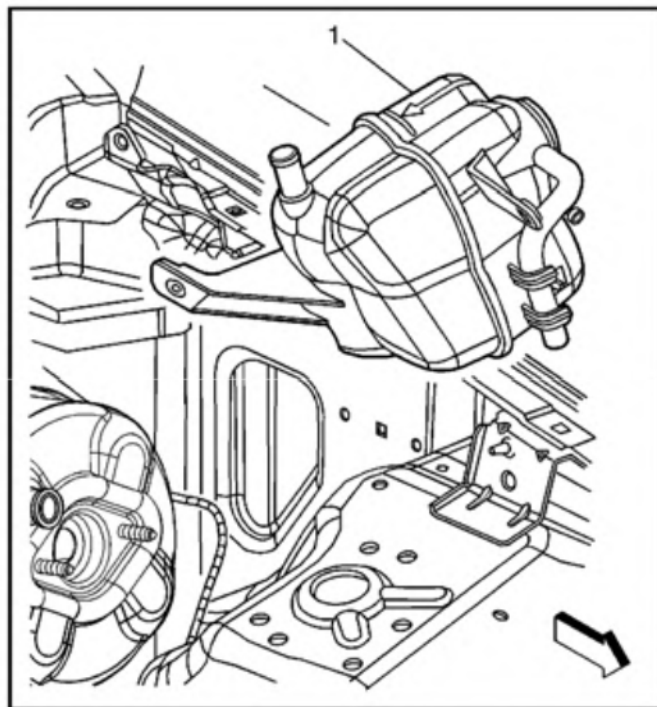
- (1) Headlamp Ballast - Right (TT6/TT7/TT8)
- (2) Headlamp Motor - Right (TR7+TT6/TT7/TT8)
- (3) Headlamp Module (TT6/TT7/TT8)
- (4) Headlamp Motor - Left (TR7+TT6/TT7/TT8)
- (5) Headlamp - Ballast Left (TT6/TT7/TT8)
- (6) Headlamp Leveling Sensor - Front (TR7)

Front Engine Compartment



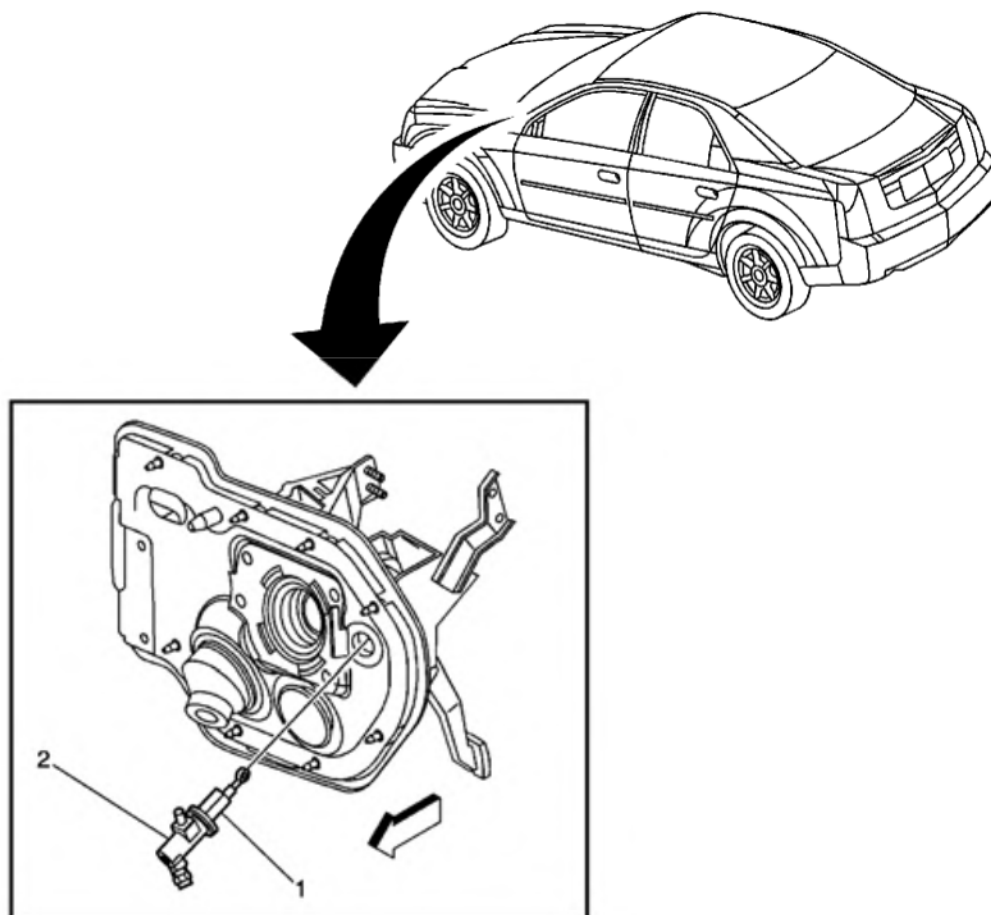
- (1) Brake Fluid Level Switch
- (2) Mass Air Flow (MAF) / Intake Air Temperature (IAT) Sensor (LLT)
- (3) Fuse Block - Underhood
- (4) Engine Control Module (ECM)
- (5) Electronic Brake Control Module (EBCM)

Coolant Surge Tank Components



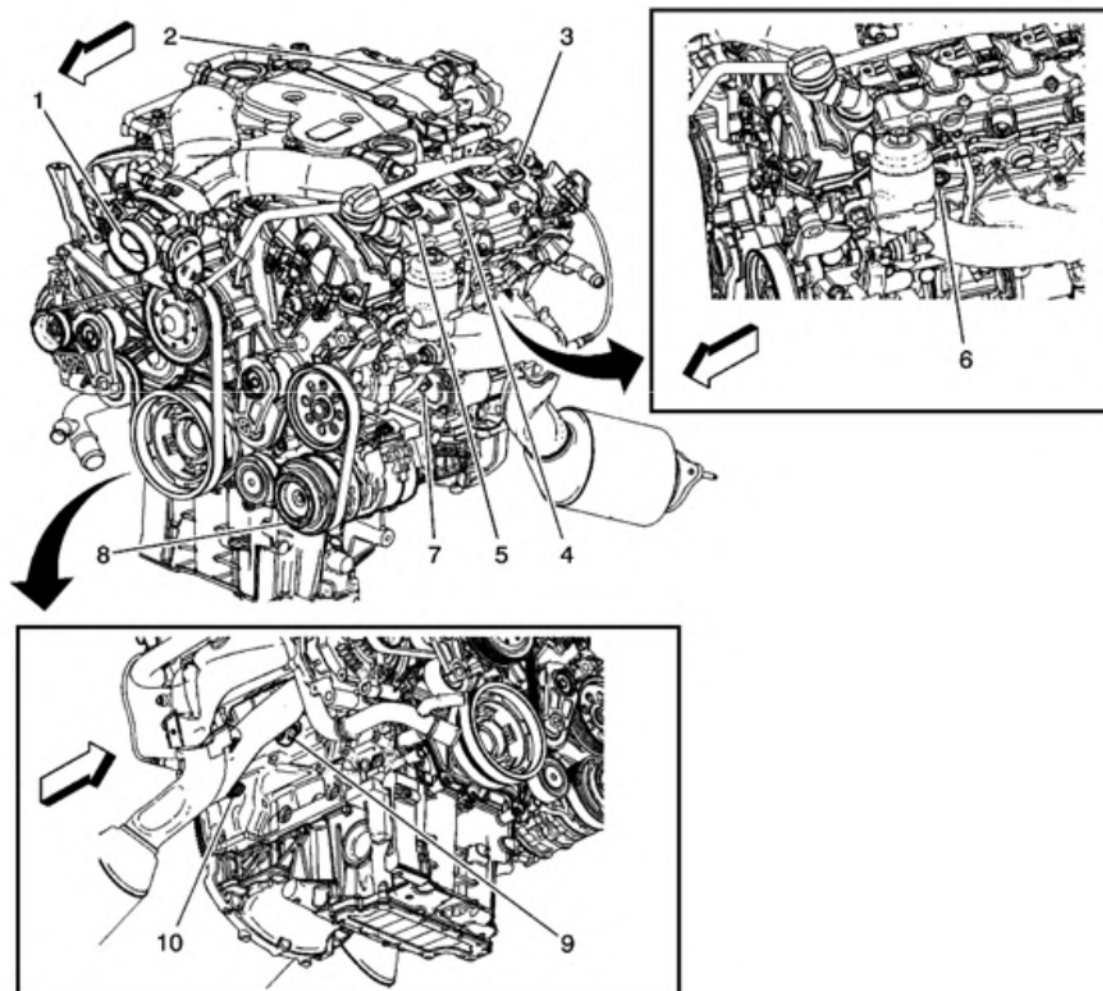
(1) Coolant Surge Tank

Clutch Pedal Position (CPP) Sensor (MV7)



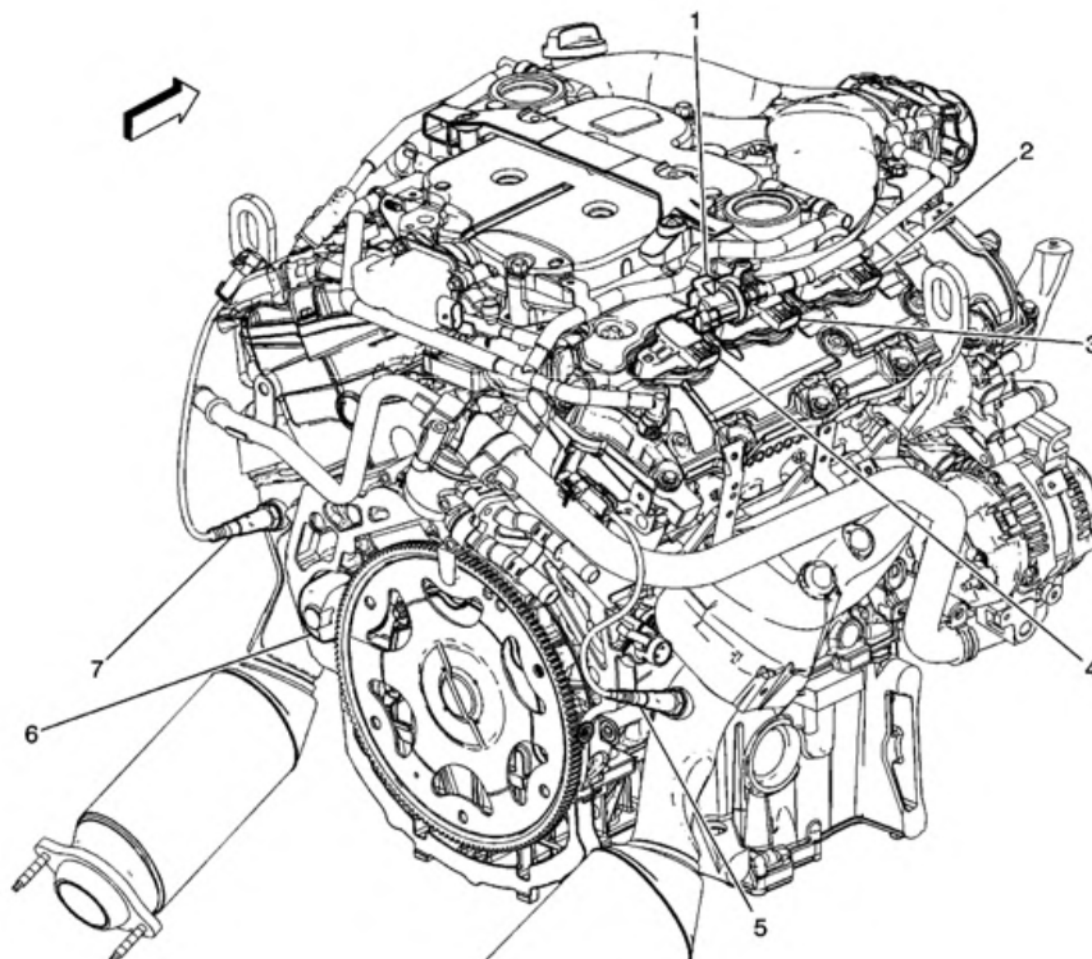
- (1) Clutch Pedal Position (CPP) Sensor (MV7)
- (2) Clutch Master Cylinder

Engine-Right Front (LLT/LP1/LY7)



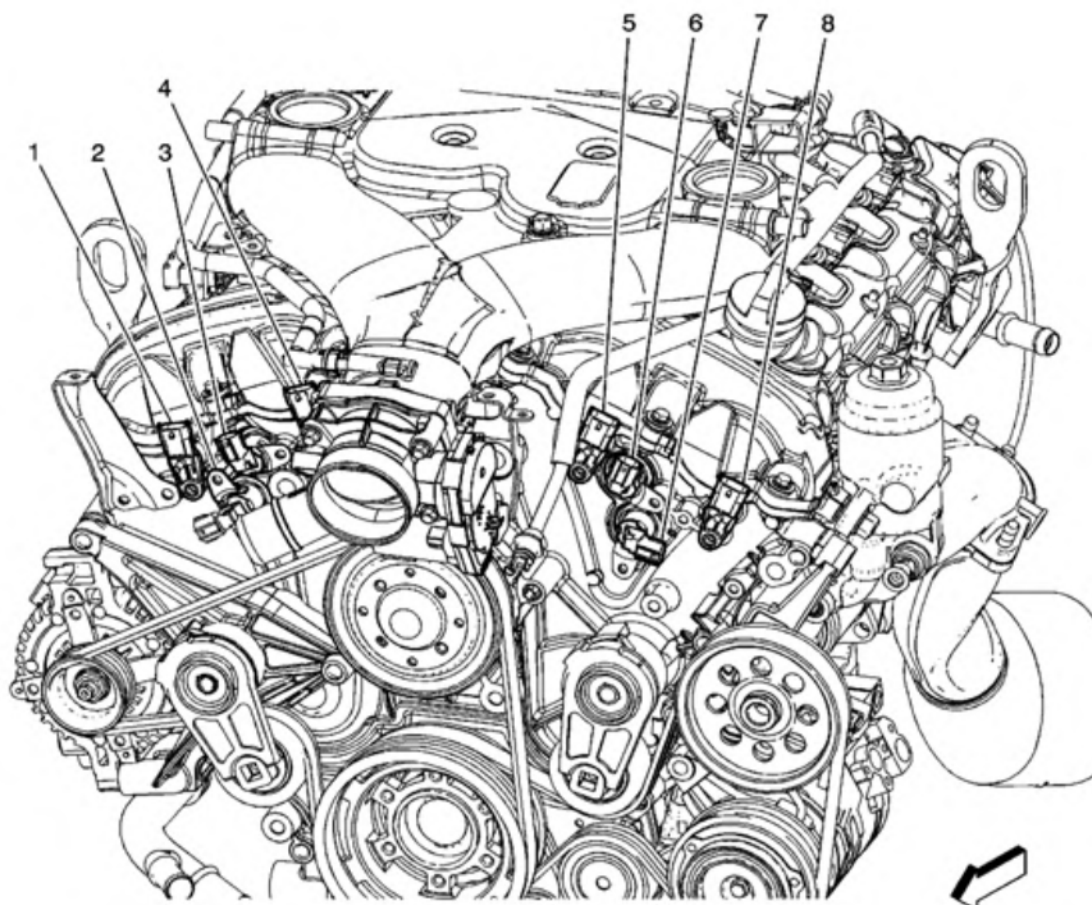
- (1) Throttle Body
- (2) Intake Manifold Tuning (IMT) Solenoid Valve (LP1/LY7)
- (3) Ignition Coil 5
- (4) Ignition Coil 3
- (5) Ignition Coil 1
- (6) Engine Coolant Temperature (ECT) Sensor
- (7) Knock Sensor (KS) 2
- (8) A/C Compressor Clutch
- (9) Knock Sensor (KS) 1
- (10) Crankshaft Position (CKP) Sensor

Engine-Right Rear (LLT/LP1/LY7)



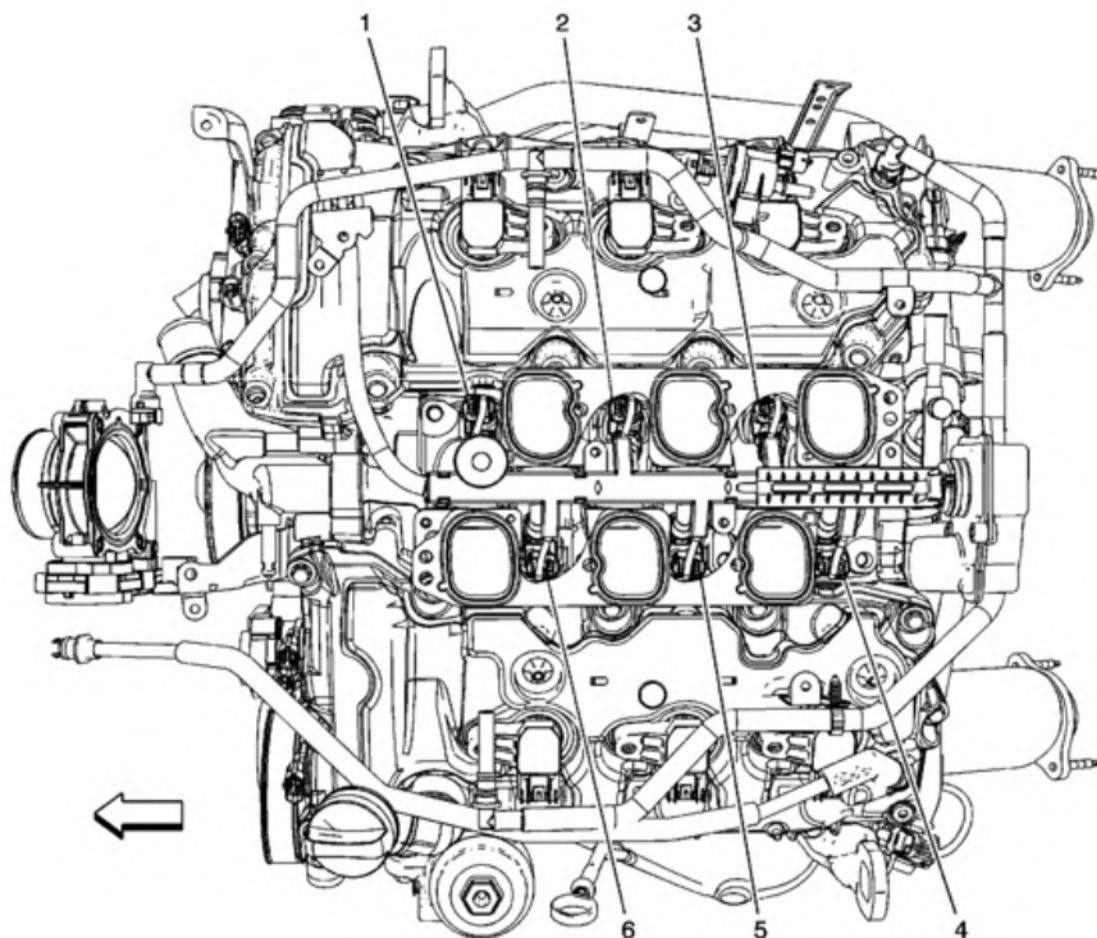
- (1) Evaporative Emissions (EVAP) Canister Purge Solenoid Valve
- (2) Ignition Coil 2
- (3) Ignition Coil 4
- (4) Ignition Coil 6
- (5) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
- (6) Starter Motor
- (7) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1

Engine-Front (LLT/LP1/LY7)



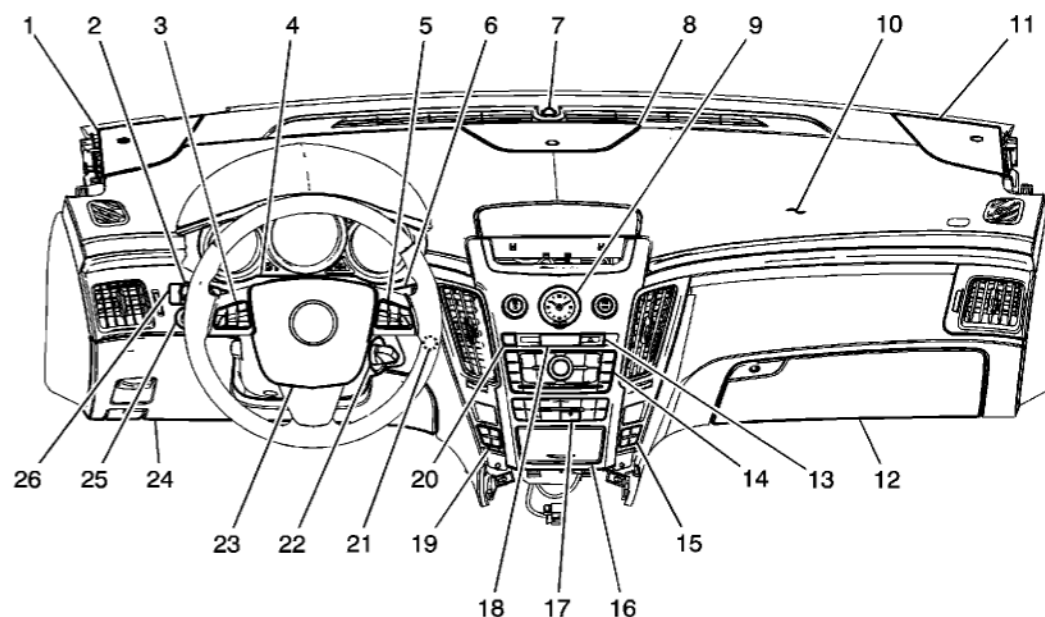
- (1) Camshaft Position (CMP) Sensor - Bank 1 Exhaust
- (2) Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Exhaust
- (3) Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Intake
- (4) Camshaft Position (CMP) Sensor - Bank 1 Intake
- (5) Camshaft Position (CMP) Sensor - Bank 2 Intake
- (6) Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Intake
- (7) Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Exhaust
- (8) Camshaft Position (CMP) Sensor - Bank 2 Exhaust

Engine-Top (LLT/LP1/LY7)



- (1) Fuel Injector 2
- (2) Fuel Injector 4
- (3) Fuel Injector 6
- (4) Fuel Injector 5
- (5) Fuel Injector 3
- (6) Fuel Injector 1

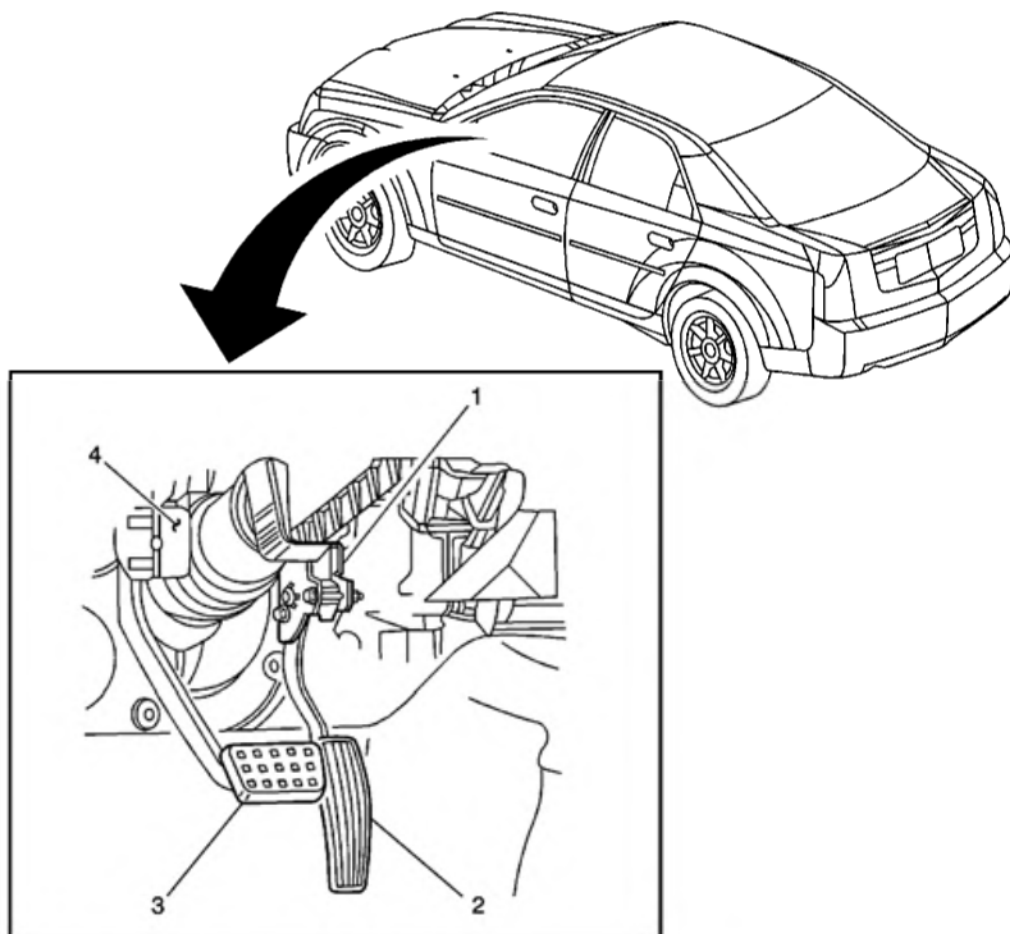
Instrument Panel Overview



- (1) Speaker - Left Front
- (2) Turn Signal/Multifunction Switch
- (3) Steering Wheel Control Switch - Left
- (4) Instrument Panel Cluster (IPC)
- (5) Steering Wheel Control Switch - Right
- (6) Windshield Wiper/Washer Switch
- (7) Sunload Sensor
- (8) Speaker - Center I/P
- (9) Analog Clock
- (10) Inflatable Restraint I/P Module
- (11) Speaker - Right Front

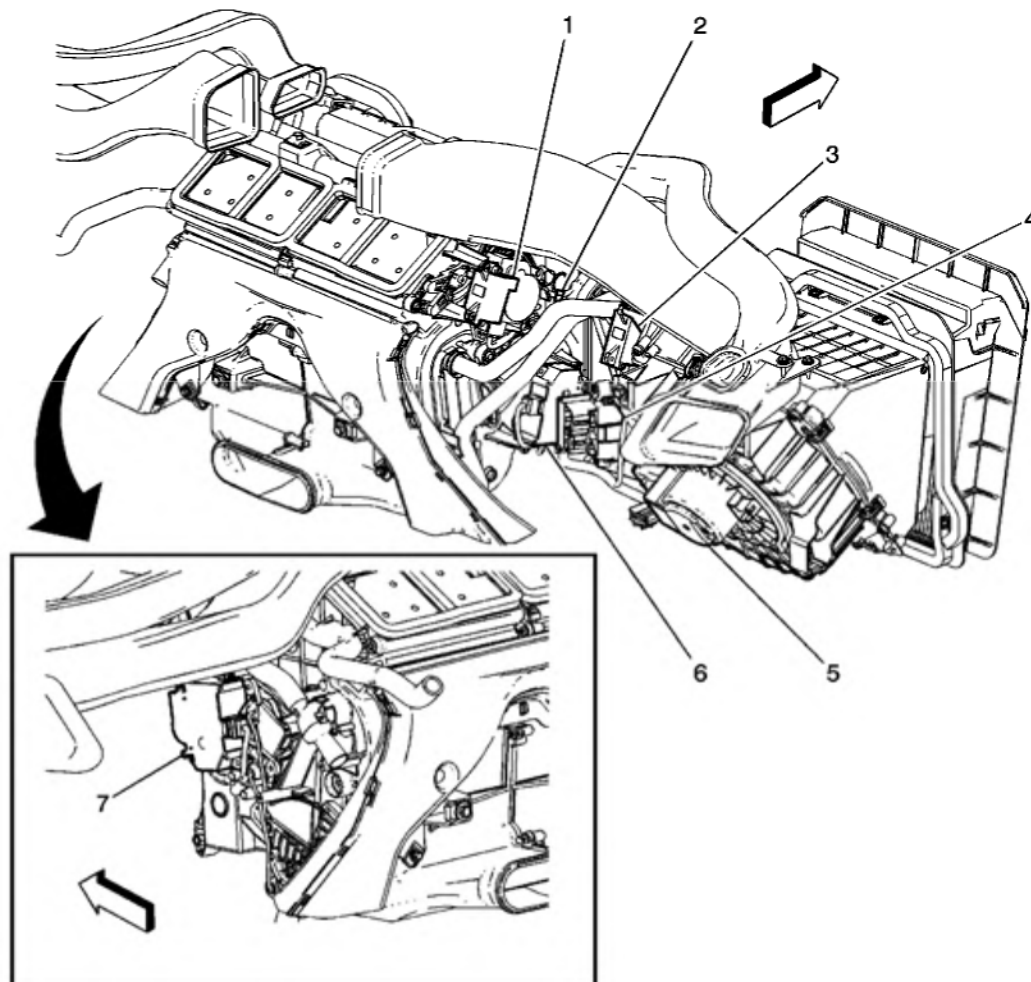
- (12) I/P Compartment Lamp
- (13) Hazard Switch
- (14) Radio/Navigation Unit
- (15) Heated Seat Switch - Front Passenger Seat
- (16) Accessory Power Outlet - Center Console
- (17) HVAC Control
- (18) Inflatable Restraint Front Passenger Air Bag On/Off Indicator
- (19) Heated Seat Switch-Driver
- (20) Navigation/Radio Screen Up/Screen Down Switch
- (21) Air Temperature Sensor - Inside
- (22) Ignition Switch
- (23) Inflatable Restraint Steering Wheel Module
- (24) Data Link Connector (DLC)
- (25) I/P Dimmer Switch
- (26) Driver Information Center (DIC) Switch

Brake Pedal, Accelerator Pedal, Brake Pedal Position Sensor and APP Sensors



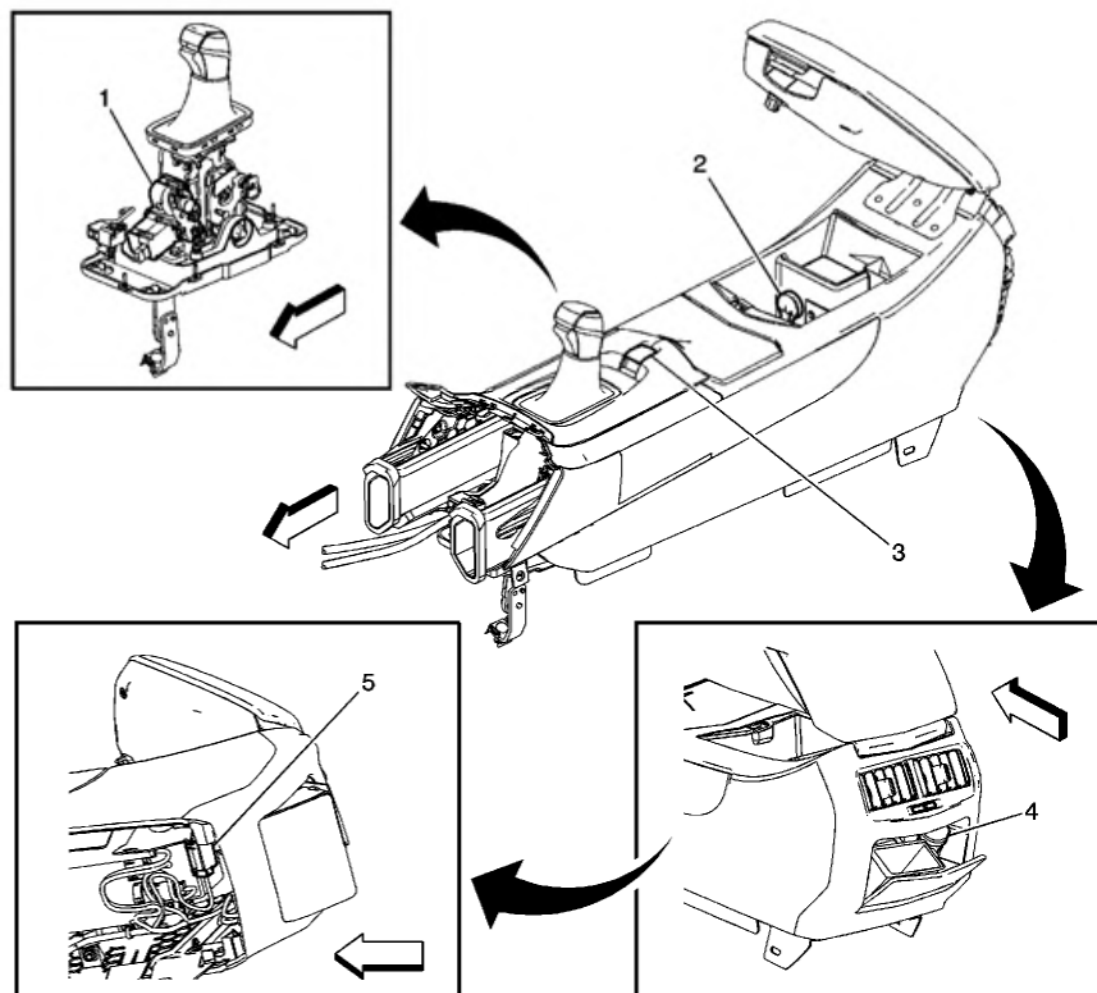
- (1) Accelerator Pedal Position (APP) Sensor
- (2) Accelerator Pedal
- (3) Brake Pedal
- (4) Brake Pedal Position Sensor

HVAC Module



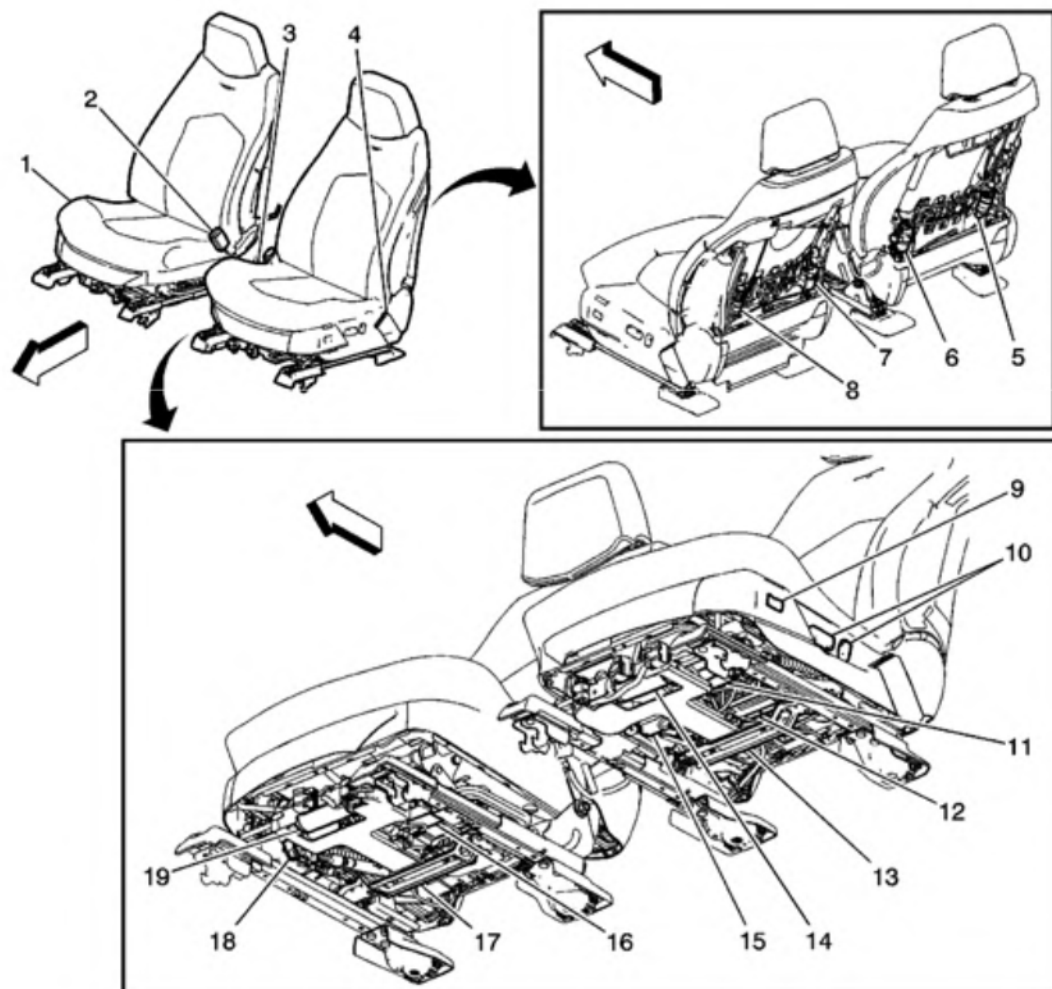
- (1) Mode Actuator
- (2) Evaporator Temperature Sensor
- (3) Recirculation Actuator
- (4) Blower Motor Control Module
- (5) Blower Motor
- (6) Air Temperature Actuator - Right
- (7) Air Temperature Actuator - Left

Floor Console



- (1) Automatic Transmission Shift Lock Control Solenoid (MYB)
- (2) Accessory Power Outlet - Center Console
- (3) Park Brake Switch
- (4) Accessory Power Outlet - Rear
- (5) Keyless Entry Antenna - Center Console Passive (UHA/UHF)

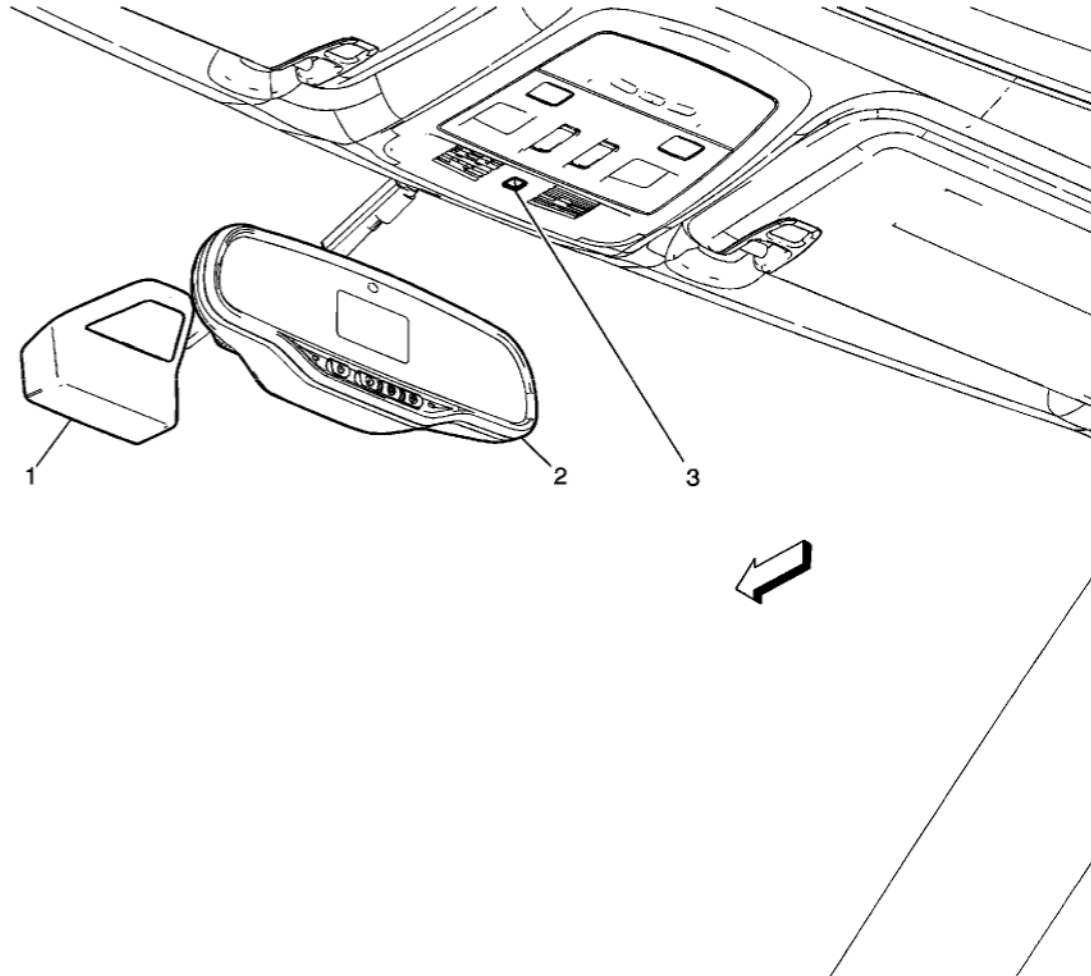
Front Seats



- (1) Passenger Seat
- (2) Seat Belt Pretensioner/Seat Belt Switch - Driver
- (3) Driver Seat
- (4) Seat Belt Pretensioner/Seat Belt Switch - Passenger
- (5) Seat Lumbar Horizontal Motor - Passenger (AL2)
- (6) Seat Recline Motor - Passenger (AH8)
- (7) Seat Lumbar Horizontal Motor - Driver (AL2)
- (8) Seat Recline Motor - Driver
- (9) Seat Lumbar Adjuster Switch - Driver (AL2)
- (10) Seat Adjuster Switch - Driver
- (11) Seat Rear Vertical Motor - Driver

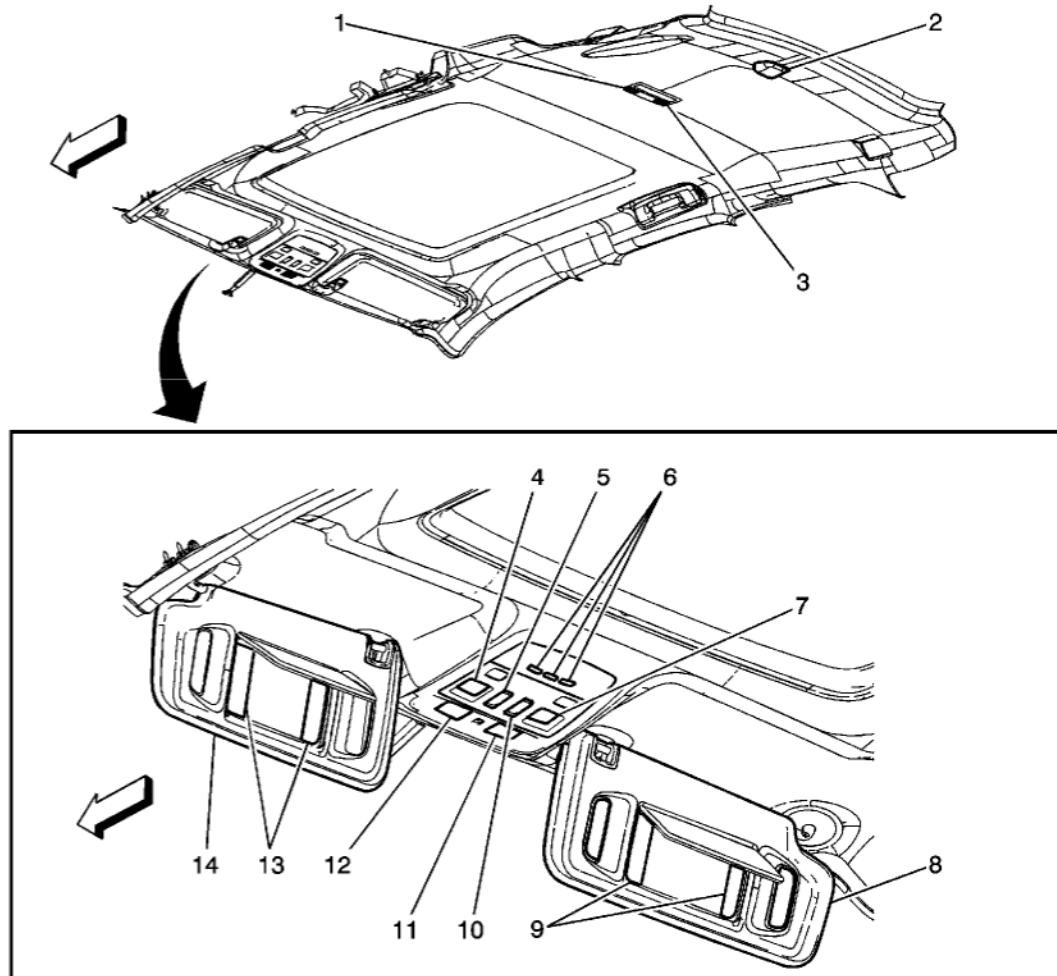
- (12) Memory Seat Module (MSM) (A45)
- (13) Accent Lamp - Driver Seat (TSQ)
- (14) Seat Front Vertical Motor - Driver
- (15) Seat Horizontal Motor - Driver
- (16) Seat Front Vertical Motor - Passenger (AH8)
- (17) Accent Lamp - Passenger Seat (TSQ)
- (18) Seat Horizontal Motor - Passenger (AH8/AL2)
- (19) Seat Rear Vertical Motor - Passenger (AH8)

Top of Front Windshield



- (1) Navigation and Traffic Data Antenna (U2X)
- (2) Inside Rearview Mirror (ISRV)
- (3) Accent Lamp - Overhead Console (TSQ)

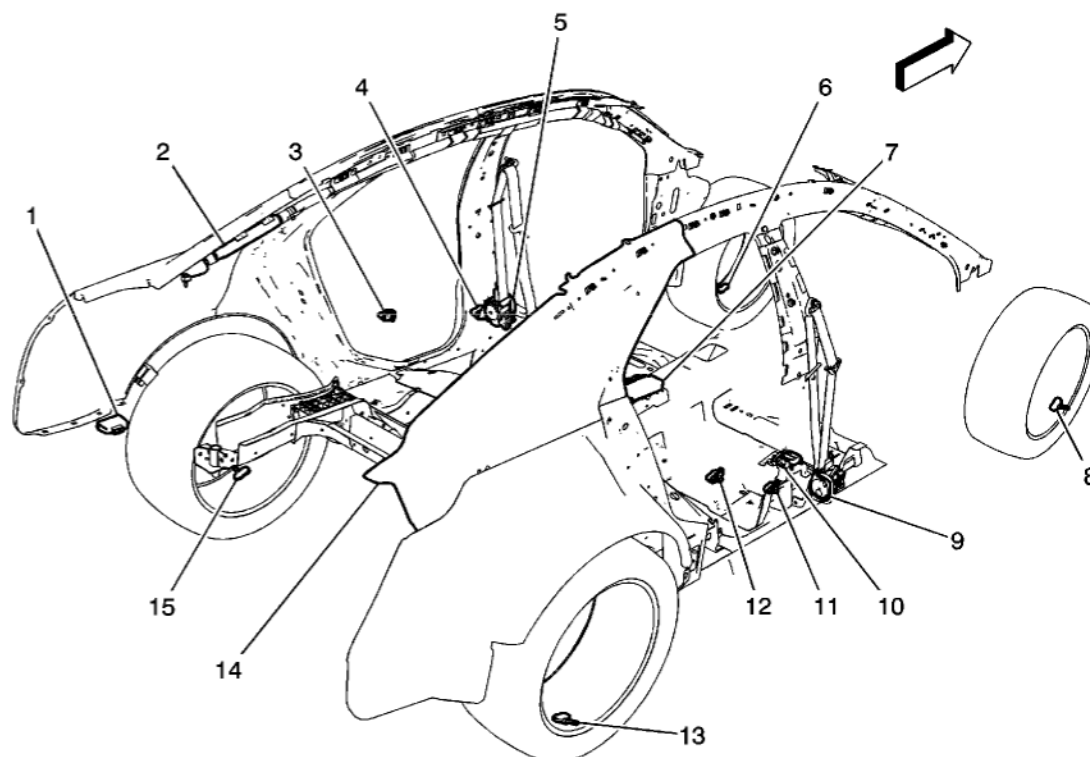
Headliner (CF5 / -CF5)



- (1) Courtesy/Reading Lamp - Left Rear
- (2) Rear Parking Assist (RPA) Display (UD7)
- (3) Courtesy/Reading Lamp - Right Rear
- (4) Courtesy/Reading Lamp - Left Front
- (5) Sunroof Shade Switch (C3U)
- (6) Garage Door Opener (GDO) (UG1)
- (7) Courtesy/Reading Lamp - Right Front
- (8) Sunshade - Right
- (9) Vanity Lamps - Right Front
- (10) Sunroof Switch (C3U)
- (11) Noise Compensation Microphone (UQS)

- (12) Cellular/Navigation Microphone (UE1/WXS)
- (13) Vanity Lamps - Left Front
- (14) Sunshade - Left

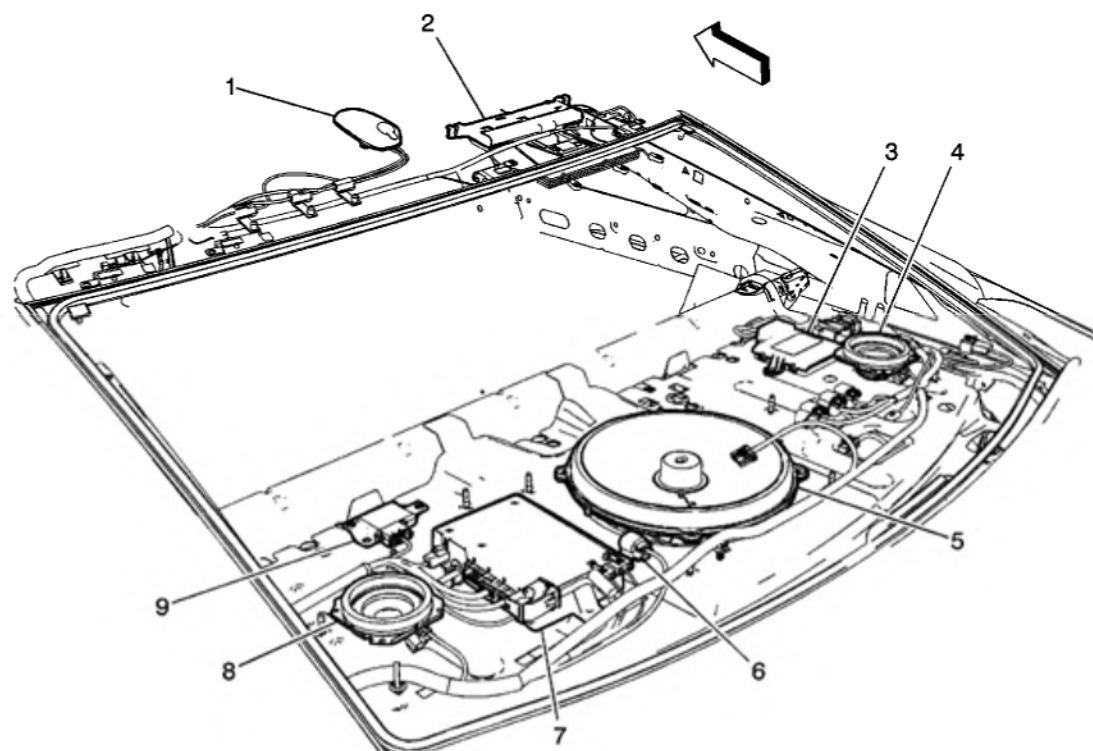
Safety and Security Components



- (1) Tire Pressure Module (UH3)
- (2) Inflatable Restraint Roof Rail Module - Driver
- (3) Inflatable Restraint Side Impact Sensor (SIS) - Left Rear
- (4) Inflatable Restraint Side Impact Sensor (SIS) - Left Front
- (5) Seat Belt Pretensioner - Driver
- (6) Tire Pressure Sensor - Left Front
- (7) Inflatable Restraint Sensing and Diagnostic Module (SDM)
- (8) Tire Pressure Sensor - Right Front
- (9) Seat Belt Pretensioner - Passenger
- (10) Yaw Rate and Lateral Acceleration Sensor
- (11) Inflatable Restraint Side Impact Sensor (SIS) - Right Front

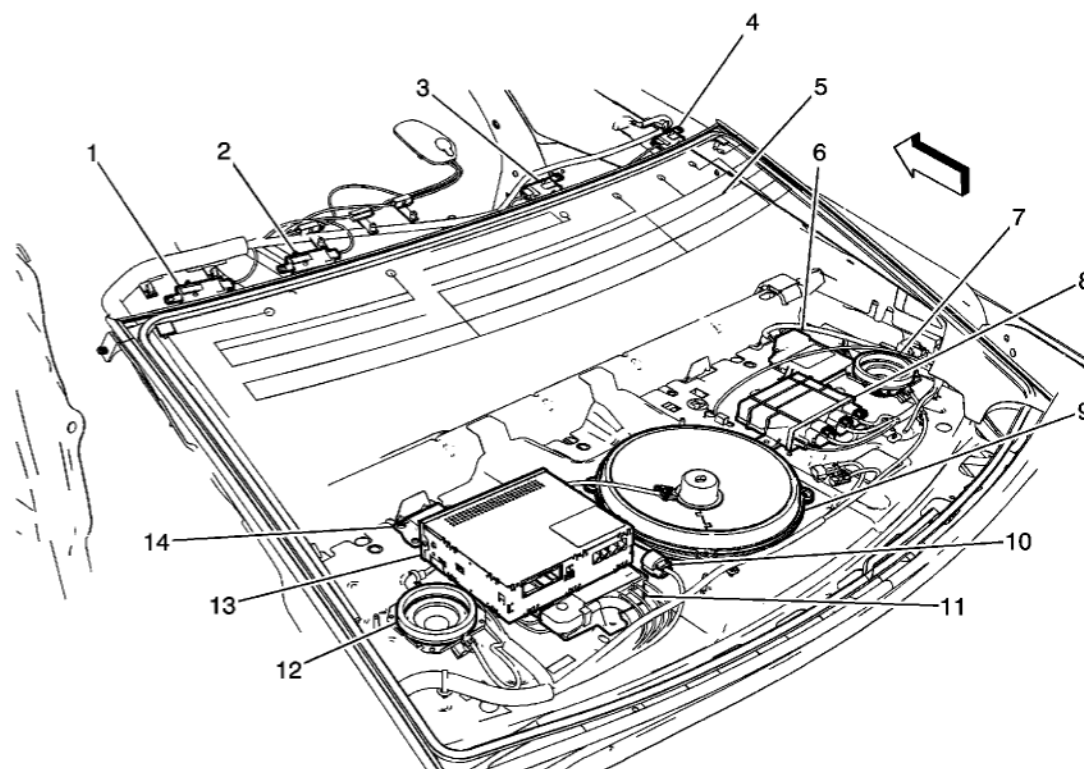
- (12) Inflatable Restraint Side Impact Sensor (SIS) - Right Rear
- (13) Tire Pressure Sensor - Right Rear
- (14) Inflatable Restraint Roof Rail Module - Passenger
- (15) Tire Pressure Sensor - Left Rear

Rear Shelf and Roof Antenna Components



- (1) Audio Amplifier (UQA/UQS)
- (2) Radio Antenna Module
- (3) Rear Object Sensor Control Module (UD7)
- (4) Speaker - Right Rear Compartment (UQS)
- (5) Speaker - Rear Subwoofer (UQA/UQS)
- (6) Data Link Resistor (UE1)
- (7) Vehicle Communication Interface Module (VCIM) (UE1)
- (8) Speaker - Left Rear Compartment (UQS)
- (9) Electronic Compass Module

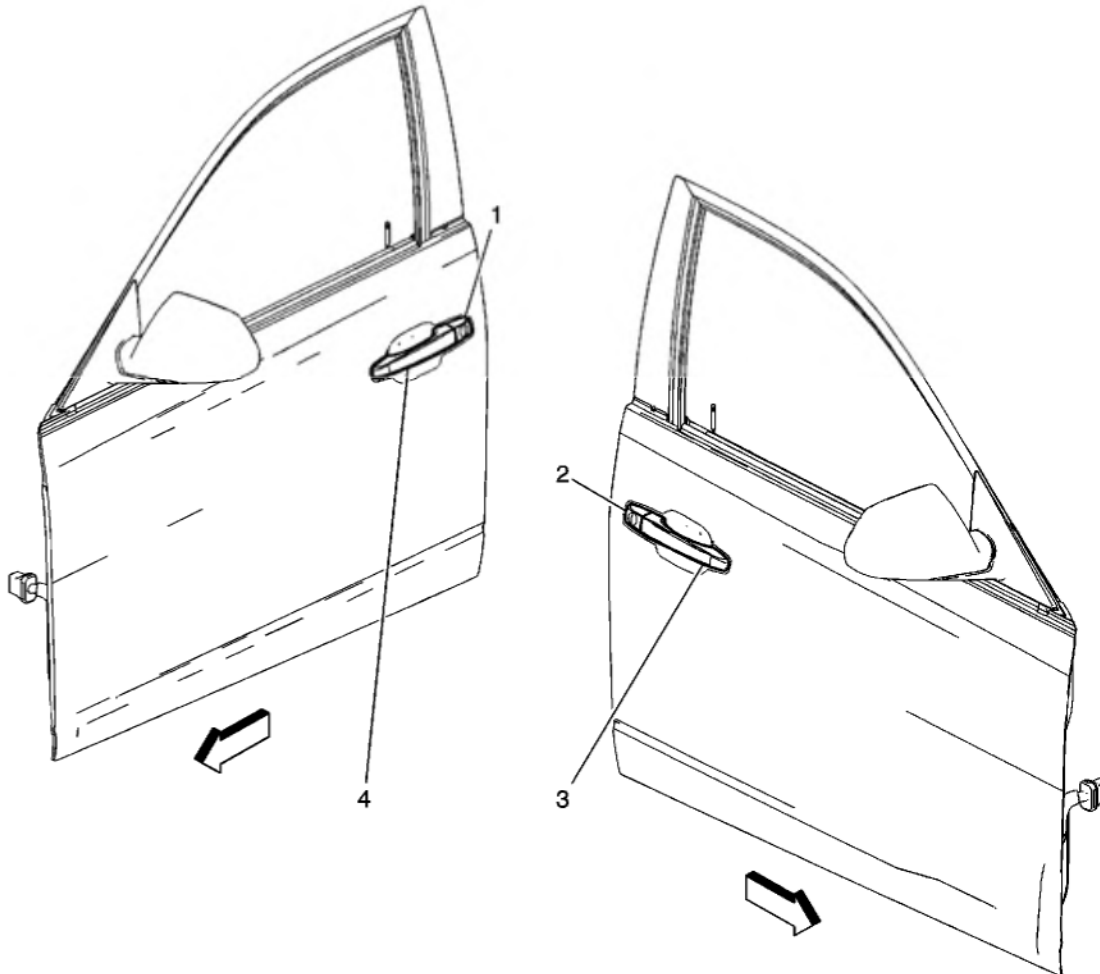
Rear Window / Shelf Components - Export



- (1) Television Antenna Amplifier 1 (U2X/U2Y)
- (2) Television Antenna Amplifier 2 (U2X/U2Y)
- (3) Television Antenna Amplifier 3 (U2X/U2Y)
- (4) Television Antenna Amplifier 4 (U2X/U2Y)
- (5) Television Rear Glass Antenna (U2X/U2Y)
- (6) Rear Object Sensor Control Module (UD7)
- (7) Speaker - Right Rear Compartment (UQS)
- (8) Remote Control Door Lock Receiver (RCDLR) (UHA/UHF)
- (9) Speaker - Rear Subwoofer (UQA/UQS)
- (10) Data Link Resistor (UE1)
- (11) Radio Antenna Module

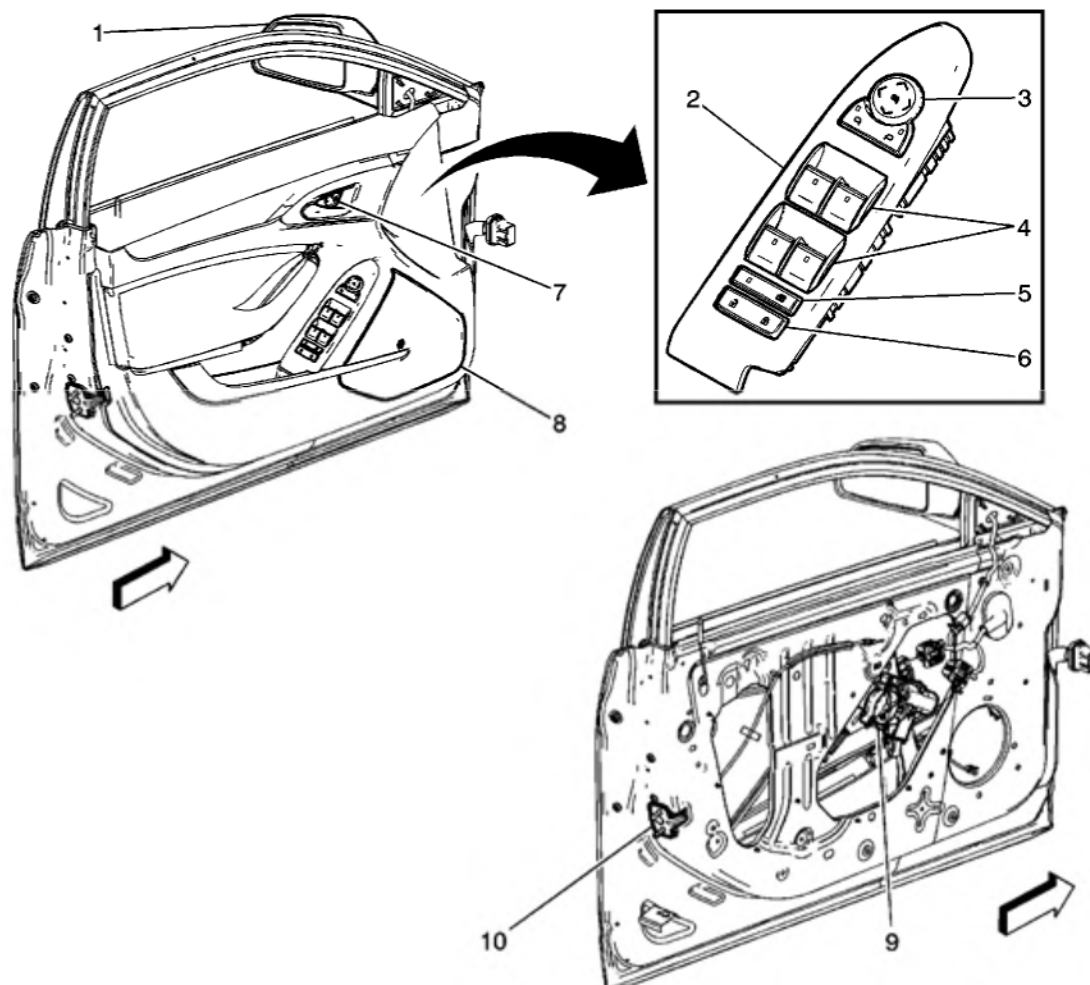
- (12) Speaker - Left Rear Compartment (UQS)
- (13) Television Antenna Module (U2X/U2Y)
- (14) Electronic Compass Module

Front Door Handles



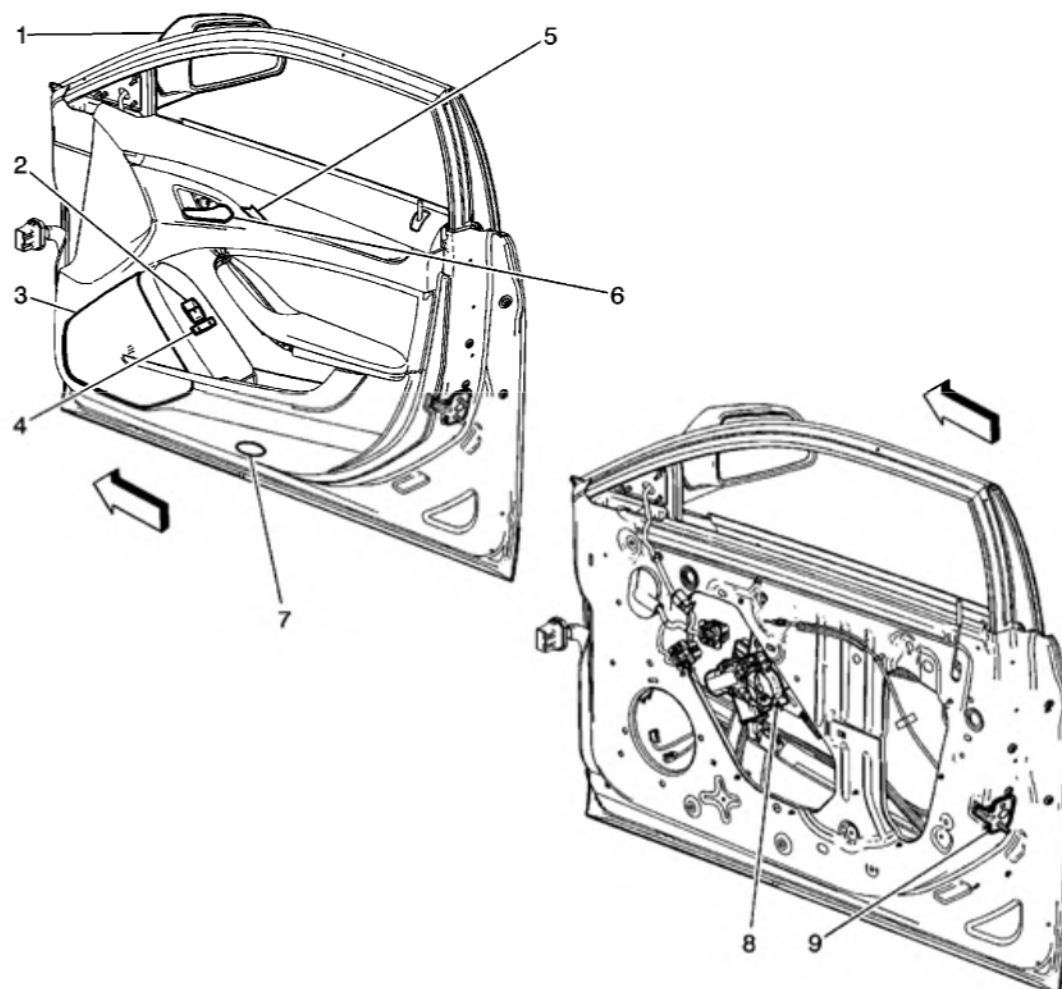
- (1) Door Handle Switch - Driver
- (2) Door Handle Switch - Passenger
- (3) Keyless Entry Antenna - Right Front Door Handle (UHA/UHF)
- (4) Keyless Entry Antenna - Left Front Door Handle (UHA/UHF)

Driver Door



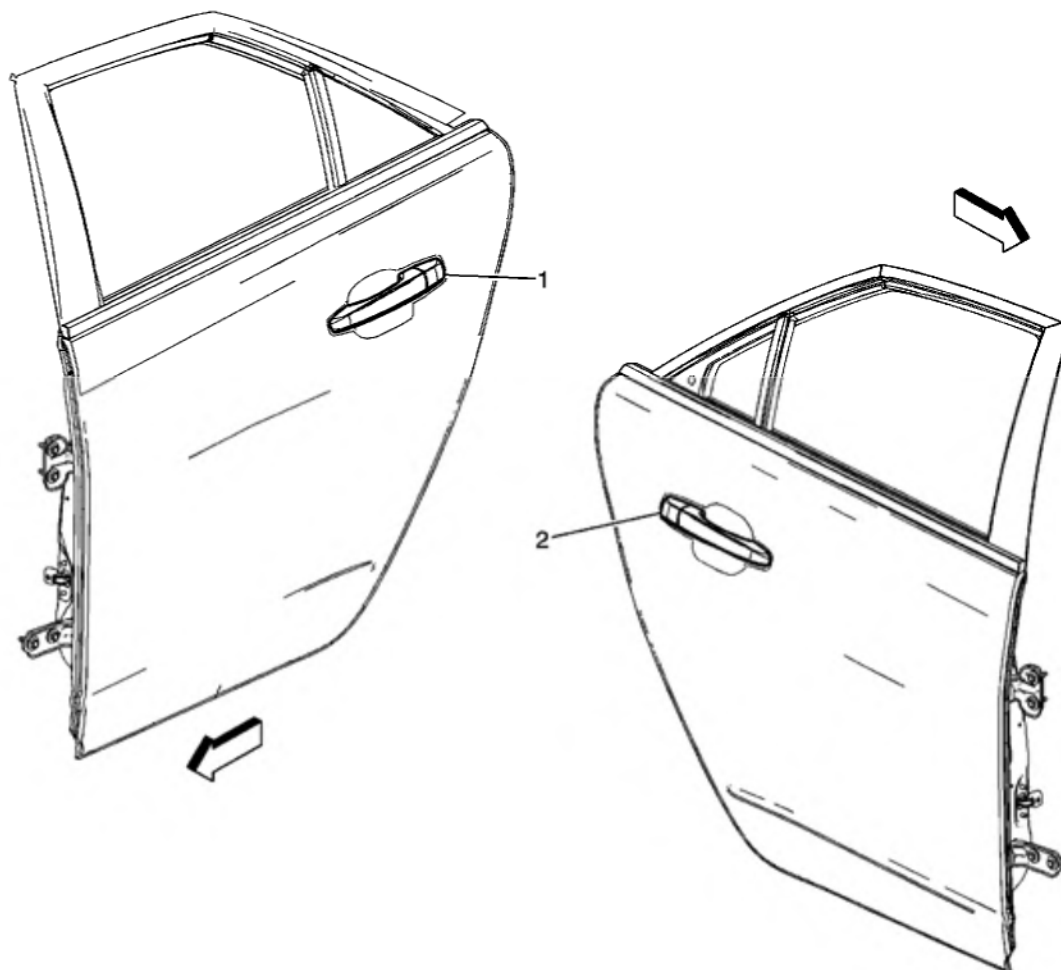
- (1) Outside Rearview Mirror - Driver
- (2) Door Lock/Window Switch - Driver
- (3) Outside Mirror Switch
- (4) Window Switches
- (5) Window Lock-out Switch
- (6) Driver Door Lock Switch
- (7) Accent Lamp - Driver Door Handle (TSQ)
- (8) Speaker - Left Front Door
- (9) Window Motor - Driver
- (10) Door Latch - Driver

Passenger Door



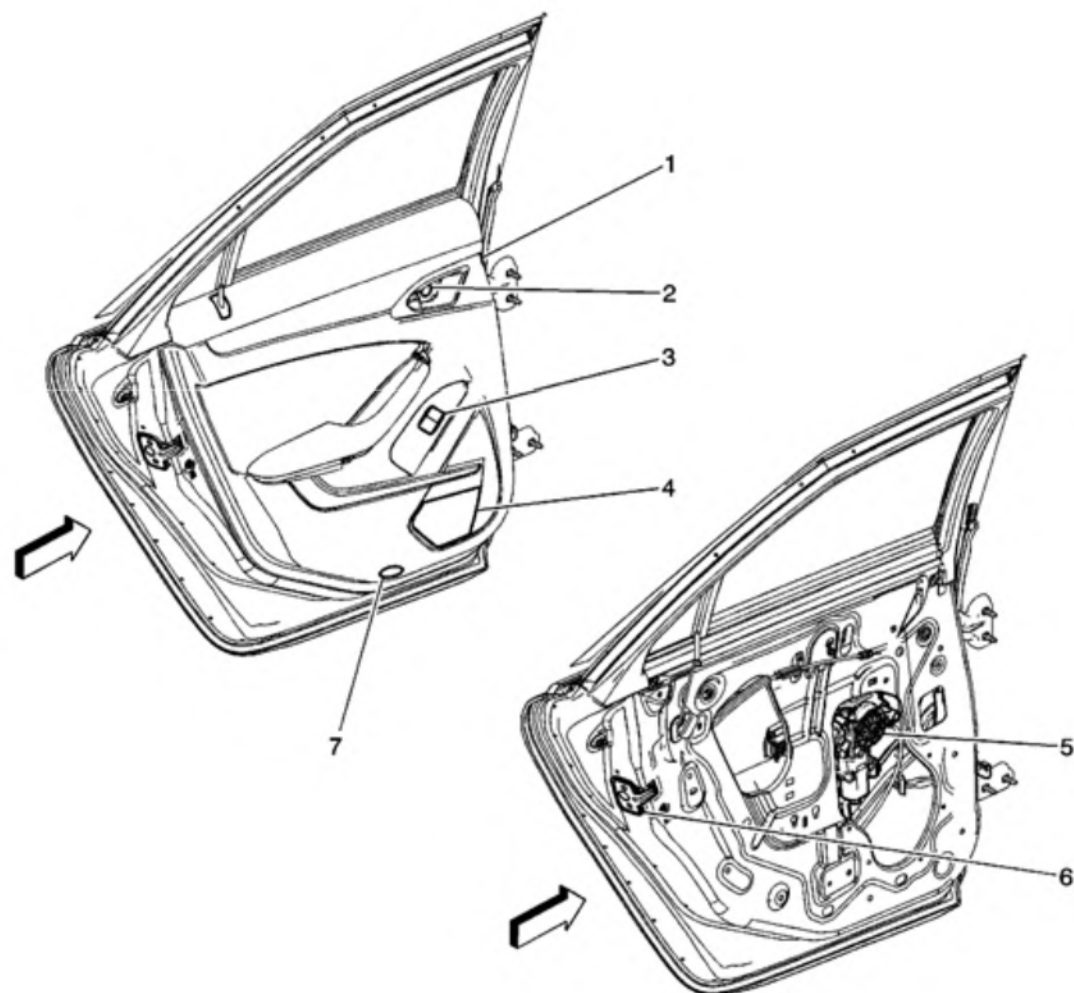
- (1) Outside Rearview Mirror - Passenger
- (2) Window Switch - Front Passenger
- (3) Speaker - Right Front Door
- (4) Door Lock Switch - Front Passenger
- (5) Accent Lamp - Passenger Door Panel (TSQ)
- (6) Accent Lamp - Passenger Door Handle (TSQ)
- (7) Courtesy Lamp - Right Front Door
- (8) Window Motor - Passenger
- (9) Door Latch - Passenger

Rear Door Handles



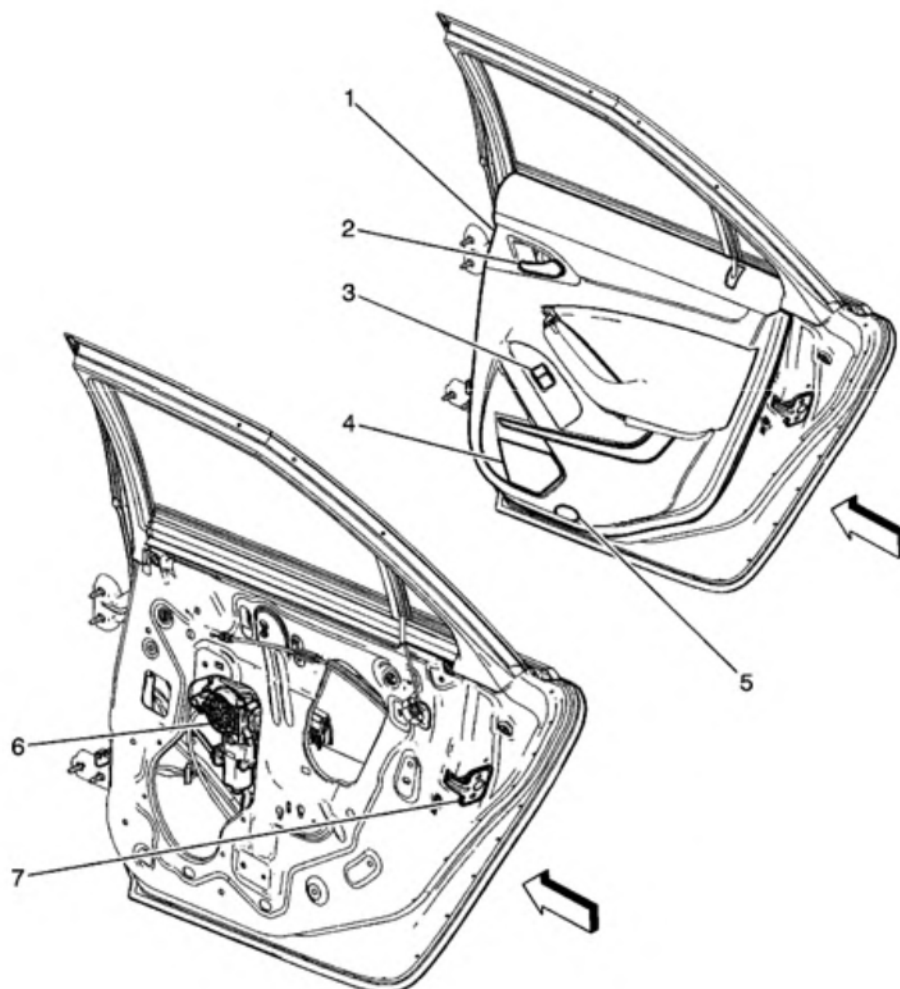
- (1) Door Handle Switch - Left Rear
- (2) Door Handle Switch - Right Rear

Left Rear Door



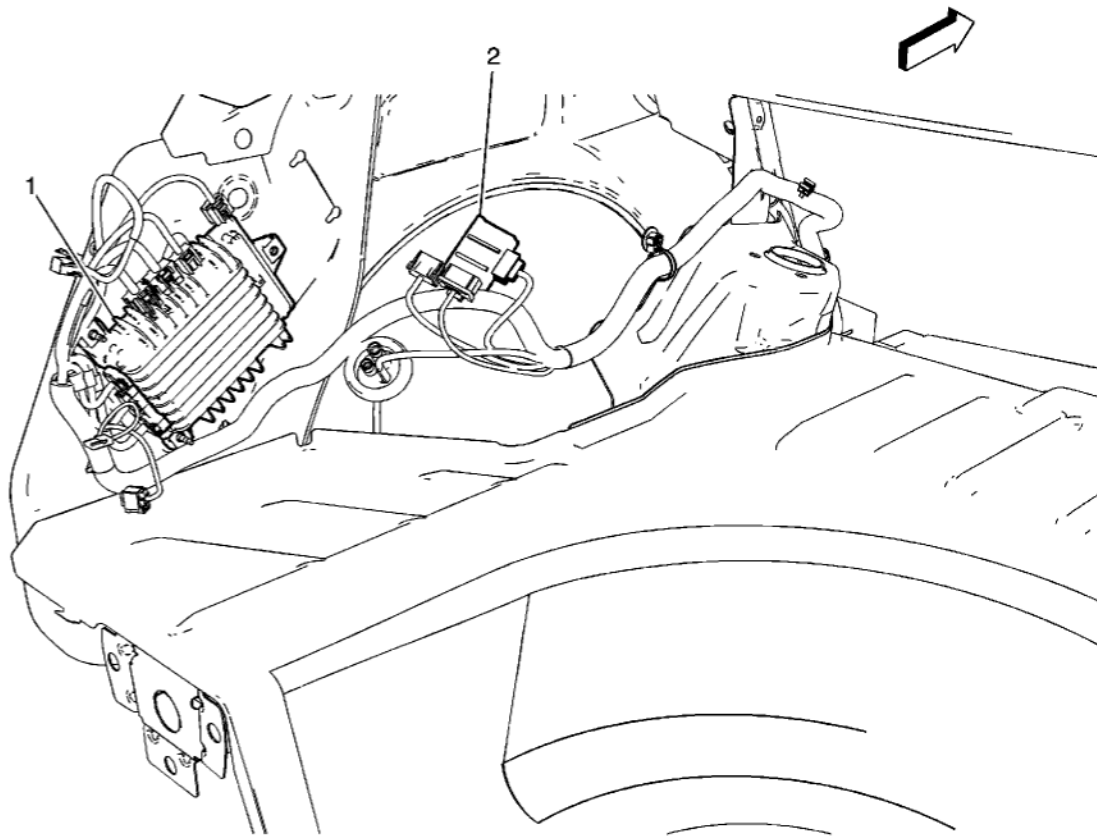
- (1) Accent Lamp - Left Rear Door (TSQ)
- (2) Accent Lamp - Left Rear Door Handle (TSQ)
- (3) Window Switch - Left Rear
- (4) Speaker - Left Rear
- (5) Window Motor - Left Rear
- (6) Door Latch - Left Rear
- (7) Courtesy Lamp - Left Rear Door

Right Rear Door



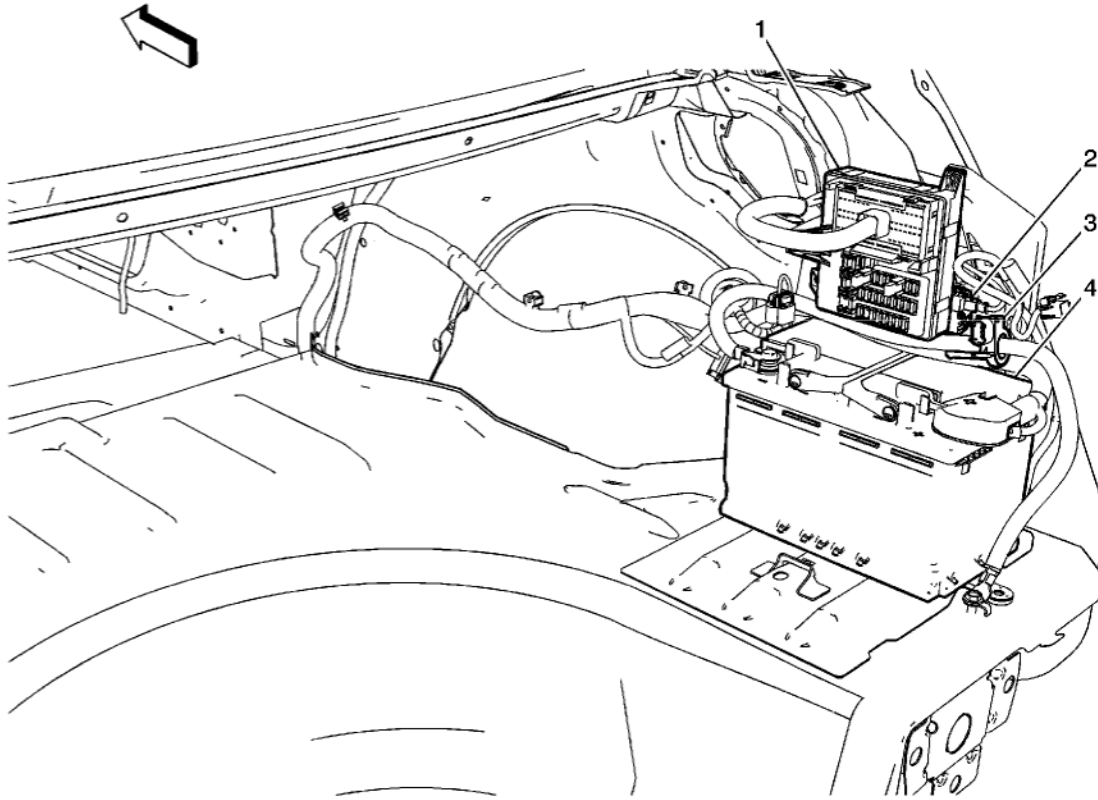
- (1) Accent Lamp - Right Rear Door (TSQ)
- (2) Accent Lamp - Right Rear Door Handle (TSQ)
- (3) Window Switch - Right Rear
- (4) Speaker - Right Rear
- (5) Courtesy Lamp - Right Rear Door
- (6) Window Motor - Right Rear
- (7) Door Latch - Right Rear

Left Rear Luggage Compartment



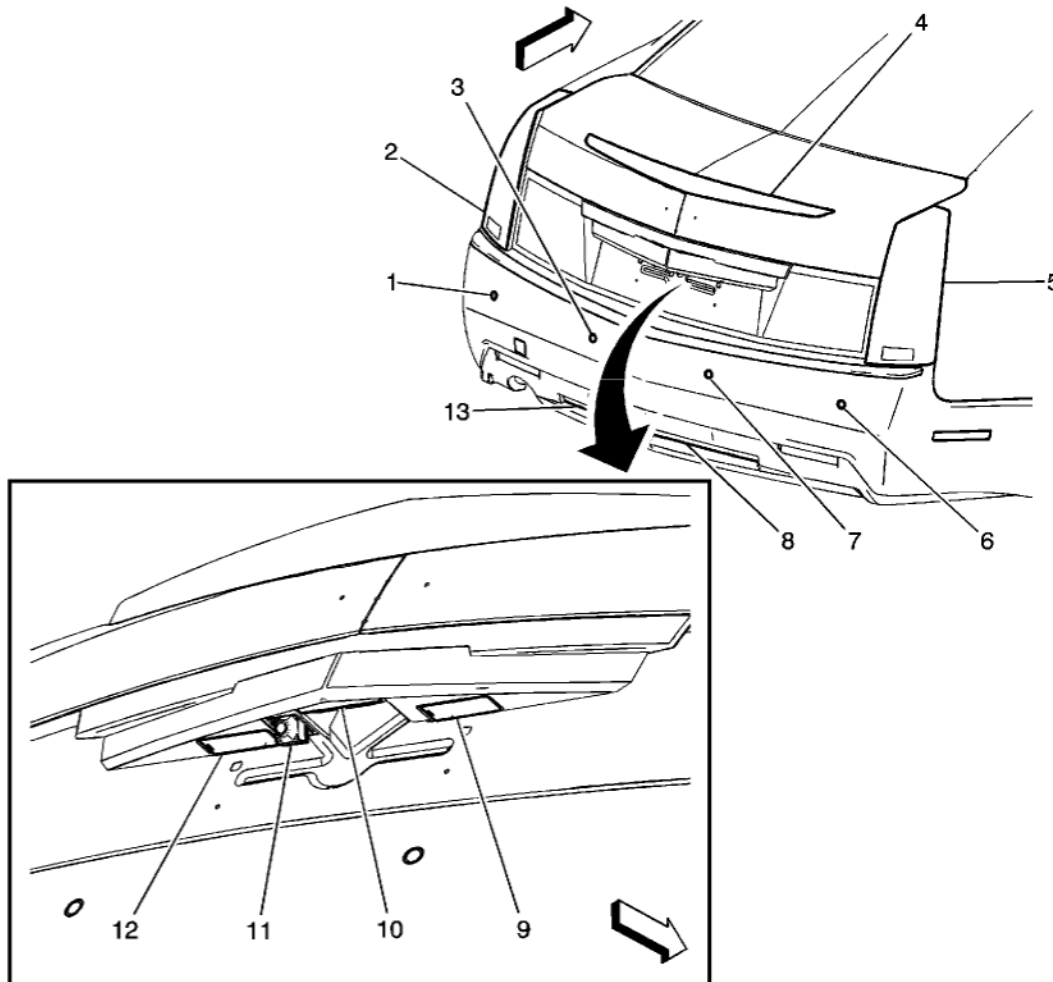
- (1) Audio Amplifier (UQA/UQS)
- (2) Tire Pressure Module (UH3)

Right Rear Luggage Compartment



- (1) Fuse Block - Rear
- (2) Fuel Door Release Actuator (N08)
- (3) Battery Current Sensor
- (4) Battery

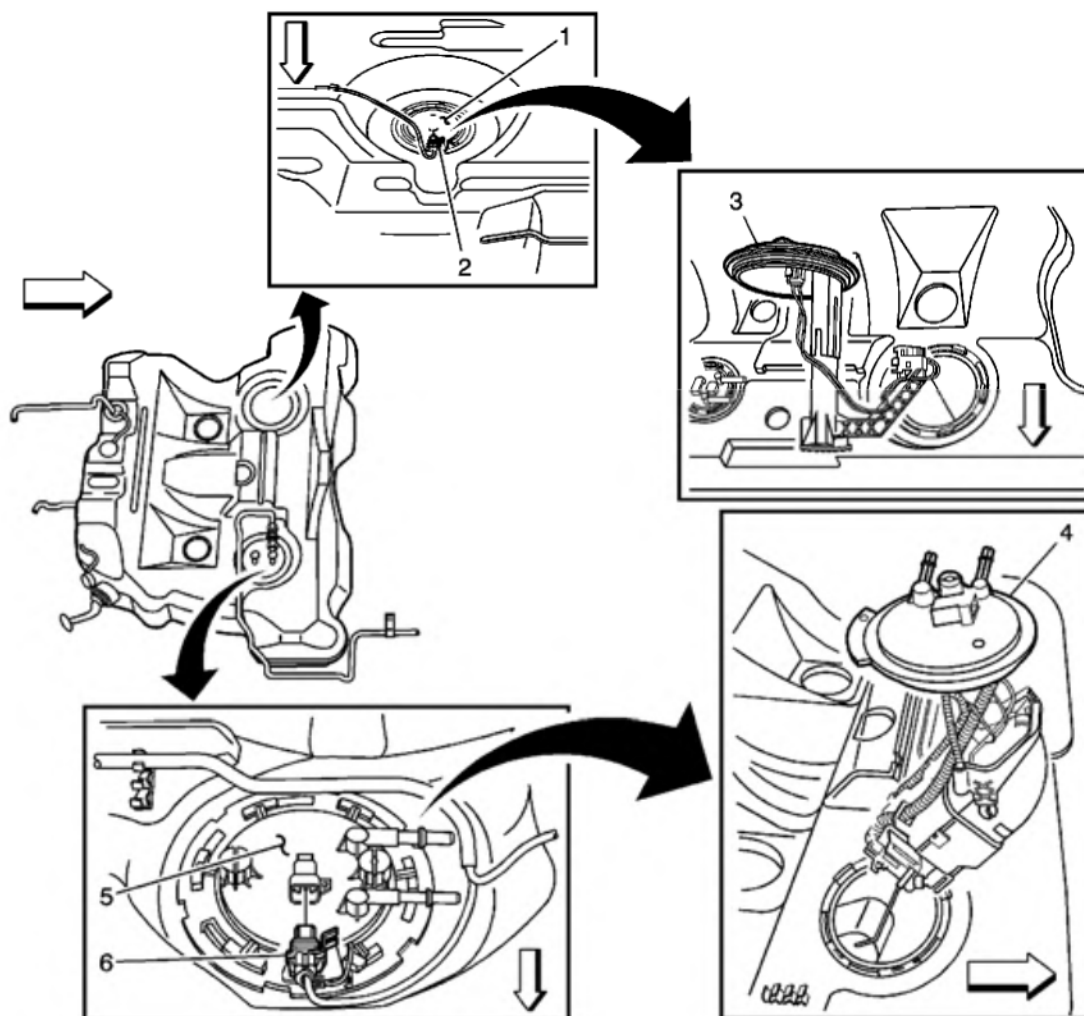
Rear Fascia



- (1) Object Alarm Sensor - Left Rear Corner (UD7)
- (2) Tail Lamp - Left
- (3) Object Alarm Sensor - Left Rear Middle (UD7)
- (4) Center High Mounted Stop Lamp (CHMSL)
- (5) Tail Lamp - Right
- (6) Object Alarm Sensor - Right Rear Corner (UD7)
- (7) Object Alarm Sensor - Right Rear Middle (UD7)
- (8) Fog Lamp - Right Rear (T79)
- (9) License Lamp - Right
- (10) Rear Compartment Lid Latch
- (11) License Lamp Trim Panel

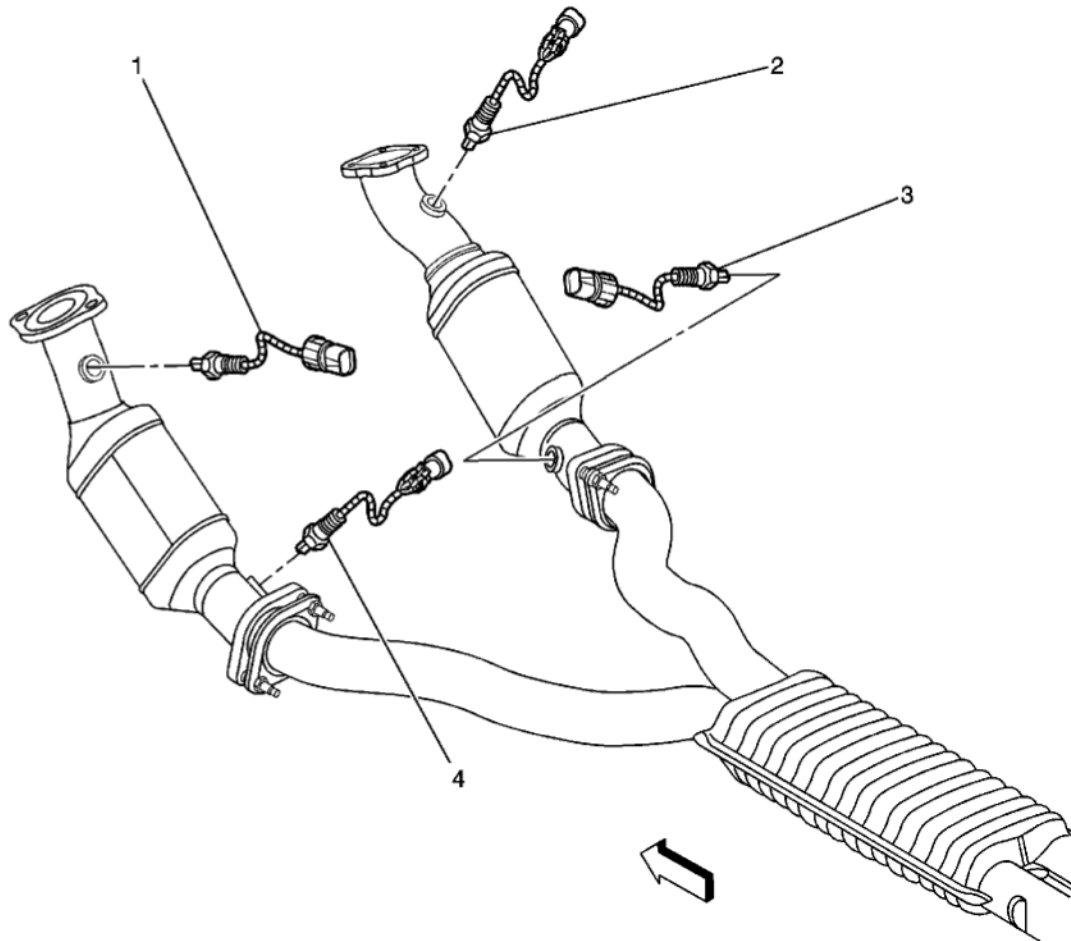
- (12) License Lamp - Left
- (13) Fog Lamp - Left Rear (T79)

Fuel Tank Subsystem Components



- (1) Secondary Fuel Sender Assembly
- (2) Secondary Fuel Sender Assembly Connector
- (3) Secondary Fuel Sender Assembly (Removed from Fuel Tank)
- (4) Fuel Pump and Sender Assembly (Removed from Fuel Tank)
- (5) Fuel Pump and Sender Assembly
- (6) Fuel Pump and Sender Assembly Connector

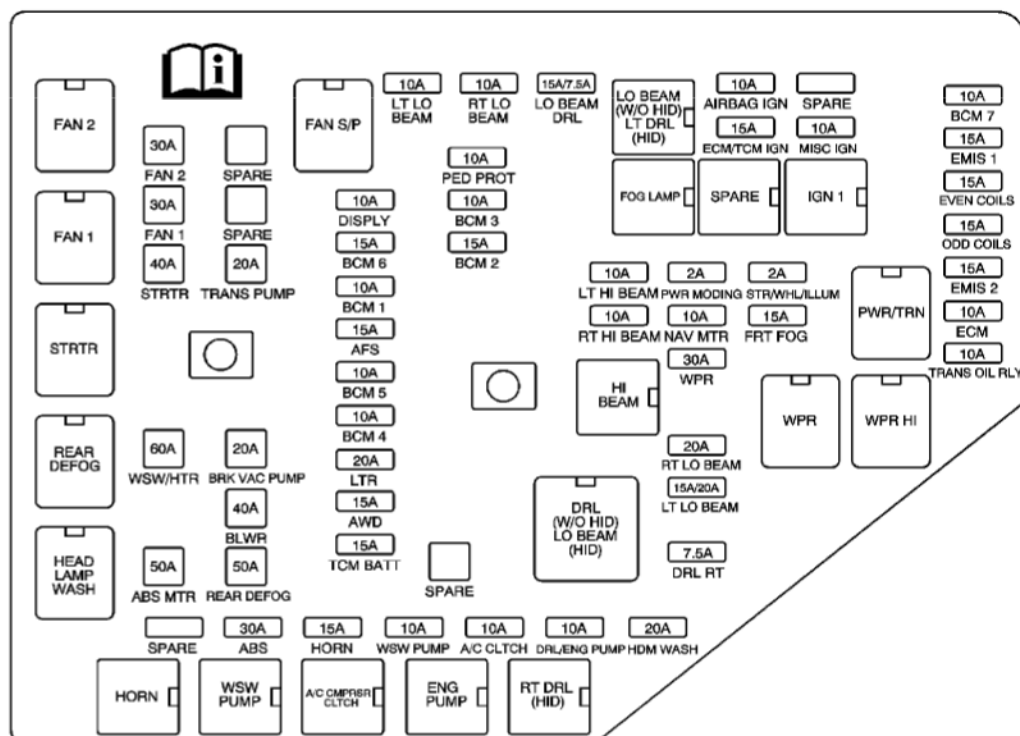
Heated Oxygen Sensors (HO2S)



- (1) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1
- (2) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
- (3) Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2
- (4) Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2

- Connector 1:** [Fuse Block - Underhood Label](#)
- Connector 2:** [Fuse Block - Underhood Top View](#)
- Connector 3:** [Fuse Block - Underhood Bottom View](#)
- Connector 4:** [Fuse Block - Underhood X1](#)
- Connector 5:** [Fuse Block - Underhood X2](#)
- Connector 6:** [Fuse Block - Underhood X3](#)
- Connector 7:** [Fuse Block - Underhood X4 \(To Starter/Generator\)](#)
- Connector 8:** [Fuse Block - Underhood X4 \(To Battery\)](#)
- Connector 9:** [Fuse Block - Rear Label](#)
- Connector 10:** [Fuse Block - Rear Top View](#)
- Connector 11:** [Fuse Block - Rear Bottom View](#)
- Connector 12:** [Fuse Block - Rear X1](#)
- Connector 13:** [Fuse Block - Rear X2](#)
- Connector 14:** [Fuse Block - Rear X3](#)
- Connector 15:** [Fuse Block - Rear X4](#)

Fuse Block - Underhood Label



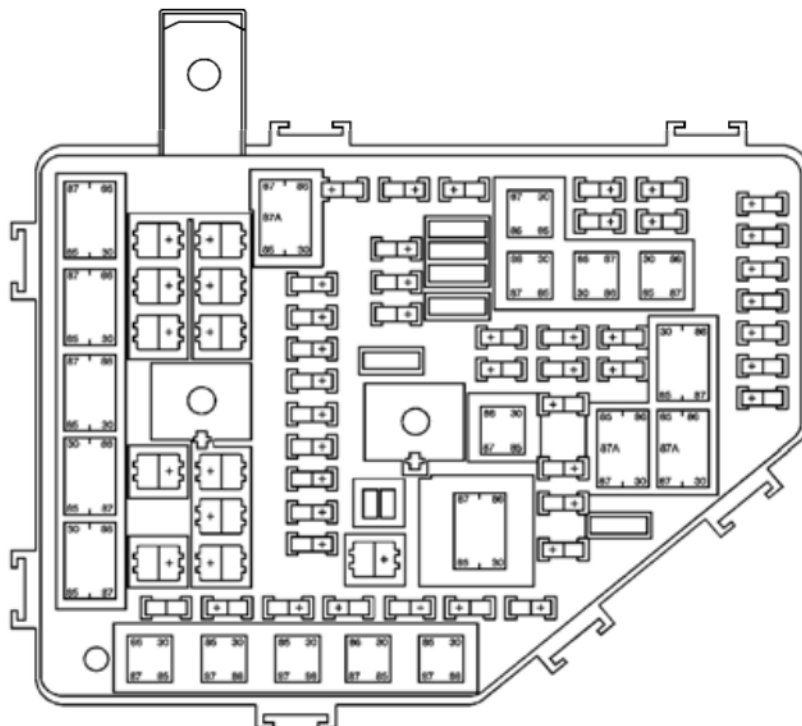
Fuse Block - Underhood Label Usage

Device	Rating	Description
A/C CLTCH Fuse	10A	A/C CMPRSR CLTCH Relay
ABS Fuse	30A	Electronic Brake Control Module (EBCM)
ABS MTR Fuse	50A	Electronic Brake Control Module (EBCM)
AFS Fuse	15A	Headlamp Module
AIRBAG IGN Fuse	10A	Inflatable Restraint Sensing and Diagnostic Module, Instrument Panel Cluster (IPC)
AWD Fuse	15A	Transfer Case Shift Control Module
BCM 1 Fuse	10A	Body Control Module (BCM)
BCM 2 Fuse	15A	Body Control Module (BCM)
BCM 3 Fuse	10A	Body Control Module (BCM)
BCM 4 Fuse	10A	Body Control Module (BCM)
BCM 5 Fuse	10A	Body Control Module (BCM)
BCM 6 Fuse	15A	Body Control Module (BCM)
BCM 7 Fuse	10A	Body Control Module (BCM)
BLWR Fuse	40A	Blower Motor Control Processor
BRK VAC PUMP Fuse	20A	Brake Booster Pump Relay
DISPLY Fuse	10A	Instrument Panel Cluster (IPC)
DRL RT Fuse	7.5A	Daytime Running Lamp (DRL) Left, Daytime Running Lamp (DRL) Right
DRL/ENG PUMP Fuse	10A	RT DRL (TT6/TT7/TT8) Relay, AFTER BOIL Relay
ECM Fuse	10A	Engine Control Module (ECM)
ECM/TCM IGN Fuse	15A	Engine Control Module (ECM), Automatic Transmission, Transfer Case Shift Control Module, Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor
EMIS 1 Fuse	15A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1, Evaporative Emission (EVAP) Canister Purge Solenoid Valve, Intake Manifold Tuning (IMT) Solenoid Valve, Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Intake, Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Intake, Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Exhaust, Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Exhaust
EMIS 2 Fuse	15A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2, Vehicle Speed Sensor (VSS)
EVEN COILS Fuse	15A	Fuel Injector 2, 4, 6, Ignition Coil 2, 4, 6
FAN 1 Fuse	30A	FAN 1 Relay
FAN 2 Fuse	30A	FAN 2 Relay
FRT FOG Fuse	15A	Fog Lamp - Left Front, Fog Lamp - Right Front
HDM WASH Fuse	20A	HEAD LAMP WASH Relay
HORN Fuse	15A	HORN Relay
LO BEAM DRL Fuse	15A/7.5A	Daytime Running Lamp (DRL) - Left, Daytime Running Lamp

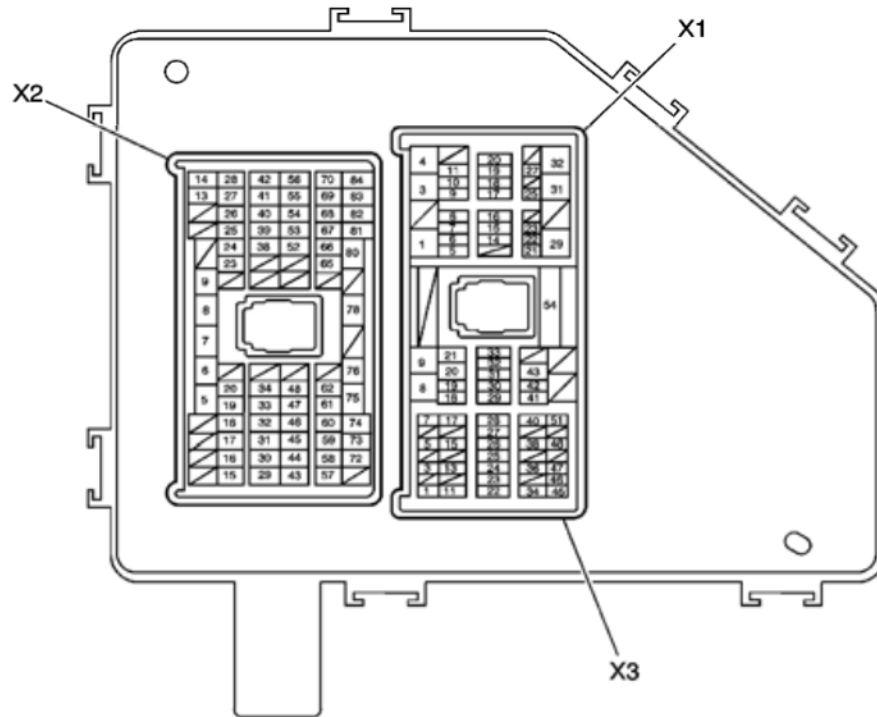
		(DRL) - Right
LT HI BEAM Fuse	10A	Headlamp - Left High Beam, Headlamp - Left High Beam Solenoid
LT LO BEAM Fuse	10A	Headlamp - Left Low Beam
LT LO BEAM Fuse	15A/20A	Headlamp Ballast - Left (without TT6/TT7/TT8)
LTR Fuse	20A	Cigar Lighter
MISC IGN Fuse	10A	Tire Pressure Module
NAV MTR Fuse	10A	Radio/HVAC Display
ODD COILS Fuse	15A	Fuel Injector 1, 3, 5, Ignition Coil 1, 3, 5
PED PROT Fuse	10A	Pedestrian Impact Detection Module
PWR MODING Fuse	2A	Ignition Switch, Theft Deterrent Control Module
REAR DEFOG Fuse	50A	REAR DEFOG Relay
RT HI BEAM Fuse	10A	Headlamp - Right High Beam, Headlamp - Right High Beam Solenoid
RT LO BEAM Fuse	10A	Headlamp - Right Low Beam (without TT6/TT7/TT8)
RT LO BEAM Fuse	20A	Headlamp Ballast - Right
SPARE Fuse	--	Not Used
SPARE Fuse	--	Not Used
SPARE Fuse	--	Not Used
SPARE Fuse	--	Not Used
SPARE Fuse	--	Not Used
STR/WHL/ILLUM Fuse	2A	Inflatable Restraint Steering Wheel Module Coil
STRTR Fuse	40A	STRTR Relay
TCM BATT Fuse	15A	Automatic Transmission
TRANS OIL RLY Fuse	10A	Not Used
TRANS PUMP Fuse	20A	Not Used
WPR Fuse	30A	WPR HI Relay, WPR Relay
WSW PUMP Fuse	10A	WSW PUMP Relay
WSW/HTR Fuse	60A	Windshield Washer Solvent Heater (XA7)
A/C CMPRSR CLTCH Relay	--	A/C Compressor Clutch
DRL (without TT6/TT7/TT8) LO BEAM (TT6/TT7/TT8) Relay	--	LT LO BEAM Fuse, RT LO BEAM Fuse
ENG PUMP Relay	--	LLT Engine
FAN 1 Relay	--	Engine Cooling Fan - Right
FAN 2 Relay	--	Engine Cooling Fan - Left
FAN S/P Relay	--	Engine Cooling Fan - Right
FOG LAMP Relay	--	FRT FOG Fuse
HEAD LAMP WASH Relay	--	Headlamp Washer Fluid Pump (CE4)

HI BEAM Relay	--	LT HI BEAM Fuse, RT HI BEAM Fuse
HORN Relay	--	Horn Assembly
IGN 1 Relay	--	MISC IGN Fuse, TRANS Fuse, IGN Fuse
LO BEAM (without TT6/TT7/TT8) LT DRL (TT6/TT7/TT8) Relay	--	LO BEAM DRL Fuse, LT LO BEAM Fuse, RT LO BEAM Fuse
PWR/TRN Relay	--	EMIS 1, EMIS 2 Fuse, ECM Fuse, EVEN COILS Fuse, ODD COILS Fuse
REAR DEFOG Relay	--	Rear Window Defogger
RT DRL (TT6/TT7/TT8) Relay	--	DRL RT Fuse
SPARE Relay	--	Not Used
STRTR Relay	--	Starter Motor
WPR Relay	--	WPR HI Relay
WPR HI Relay	--	Windshield Wiper Motor
WSW PUMP Relay	--	Windshield Washer Fluid Pump

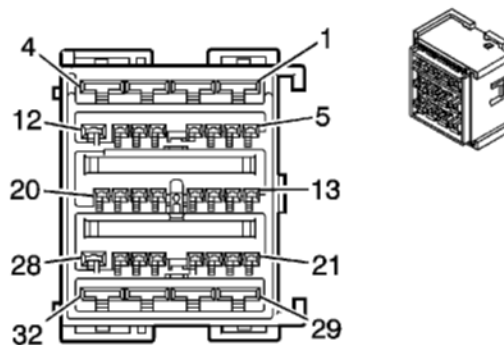
Fuse Block - Underhood Top View



Fuse Block - Underhood Bottom View



Fuse Block - Underhood X1



Connector Part Information

- OEM: 7283-9458-30
- Service: 19153183
- Description: 32-Way F YESC Kaizen Series (BK)

Terminal Part Information

- Pins: 1, 4, 29, 32

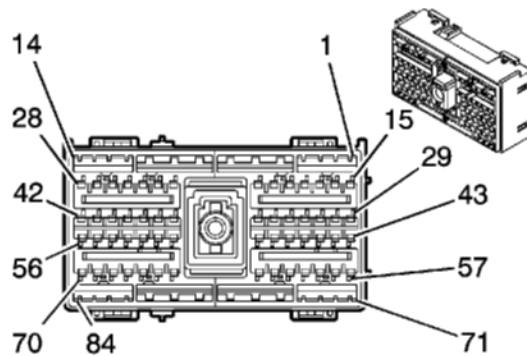
- Terminal/Tray: 7116-4122-02/10
 - Core/Insulation Crimp: A/B
 - Release Tool/Test Probe: 12094430/J-35616-42 (RD)
-
- Pins: 2-3, 5, 11-13, 19, 24, 26-28, 30-31
 - Terminal/Tray: See Terminal Repair Kit
 - Core/Insulation Crimp: See Terminal Repair Kit
 - Release Tool/Test Probe: See Terminal Repair Kit
-
- Pins: 6, 8-10, 14-18, 20, 22, 23, 25
 - Terminal/Tray: 7116-4100-08/9
 - Core/Insulation Crimp: E/C
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)
-
- Pins: 7, 8, 10, 21, 22
 - Terminal/Tray: 7116-4101-08/9
 - Core/Insulation Crimp: Pins 7, 21, 22 - E/A
 - Core/Insulation Crimp: Pins 8, 10 - See Terminal Repair Kit
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Fuse Block - Underhood X1

Pin	Wire	Circuit	Function
1	3 GY	532	Cooling Fan Motor Supply Voltage
2	--	--	Not Used
3	3 GY	532	Cooling Fan Motor Supply Voltage
4	3 BK	250	Ground
5	--	--	Not Used
6	0.5 OG	2140	Battery Positive Voltage (TR7 with TT6/TT7/TT8)
7	0.8 D-GN	1329	Horn Fuse Supply Voltage
8	0.35 D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage/Right Turn Signal Indicator Lamp Supply Voltage
9	0.35 D-BU	5364	Left DRL/Turn Supply Voltage (TT6/TT7/TT8)
	0.5 GY	589	DRL Resistor Supply Voltage (without TT6/TT7/TT8)
10	0.35 L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage/Left Turn Signal Indicator Lamp Supply Voltage
11-13	--	--	Not Used
14	0.5 TN/WH	312	Right Headlamp Low Beam Supply Voltage (without TT6/TT7/TT8)
15	0.5 PU	34	Fog Lamps Supply Voltage 2 (T96)
16	0.35 D-GN	5365	Right DRL/Turn Supply Voltage (TT6/TT7/TT8)
17	0.5 YE	712	Left Headlamp Low Beam Supply Voltage (without TT6/TT7/TT8)
18	0.35 L-GN/BK	311	Right Headlamp High Beam Supply Voltage
19	--	--	Not Used
20	0.35 D-GN/WH	711	Left Headlamp High Beam Supply Voltage
21	1 TN/WH	312	Right Headlamp Low Beam Supply Voltage (TT6/TT7/TT8)

22	1 YE	712	Left Headlamp Low Beam Supply Voltage (TT6/TT7/TT8)
	0.5 GY	589	DRL Resistor Supply Voltage (without TT6/TT7/TT8)
23	0.5 PU	34	Fog Lamps Supply Voltage 2 (T96)
24	--	--	Not Used
25	0.5 BK	250	Ground
26-28	--	--	Not Used
29	3 WH	504	Cooling Fan Low Reference
	3 WH	5358	Auxiliary Cooling Fan Motor Supply Voltage
30-31	--	--	Not Used
32	3 L-BU	409	Cooling Fan Motor Supply Voltage

Fuse Block - Underhood X2



Connector Part Information

- OEM: 7283-9464-3W
- Service: 19153184
- Description: 84-Way F YESC Kaizen Series (BK)

Terminal Part Information

- Pins: 1-5, 9-12, 19, 21-22, 24-25, 32-33, 35-39, 46, 49-51, 53, 55-56, 59-60, 63-64, 66, 69, 71, 77, 79
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 14, 74, 83
- Terminal/Tray: 7116-4112-02/9
- Core/Insulation Crimp: C/D
- Release Tool/Test Probe: 12094430/J-35616-35 (VT)
- Pins: 6, 76, 78, 80

- Terminal/Tray: 7116-4120-02/9
 - Core/Insulation Crimp: E/B
 - Release Tool/Test Probe: 12094430/J-35616-42 (RD)
-
- Pins: 13, 15-17, 20, 23, 26-30, 34, 40, 42-45, 47, 48, 52, 61, 62, 65, 67, 70
 - Terminal/Tray: 7116-4100-08/9
 - Core/Insulation Crimp: E/C
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)
-
- Pins: 18, 30, 57
 - Terminal/Tray: 7116-4101-08/9
 - Core/Insulation Crimp: See Terminal Repair Kit
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)
-
- Pins: 5, 7, 8
 - Terminal/Tray: 7116-4122-02/10
 - Core/Insulation Crimp: Pins 5,7 - A/B
 - Core/Insulation Crimp: Pins 8 - D/G
 - Release Tool/Test Probe: 12094430/J-35616-42 (RD)
-
- Pins: 31, 41, 54, 58, 68, 72, 75, 82, 73, 81, 84
 - Terminal/Tray: 7116-4111-02/9
 - Core/Insulation Crimp: Pins 31, 41, 54, 58, 68, 72, 75, 82 - E/A
 - Core/Insulation Crimp: Pins 73, 81, 84 - C/A
 - Release Tool/Test Probe: 12094430/J-35616-4A (PU)

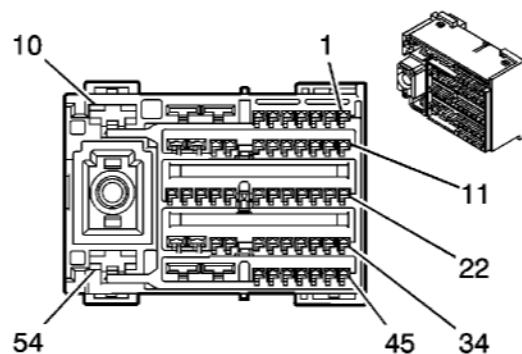
Fuse Block - Underhood X2

Pin	Wire	Circuit	Function
1-4	--	--	Not Used
5	3 RD	242	Electric Parking Brake Supply Voltage
6	--	--	Not Used
7	3 RD	642	Battery Positive Voltage
8	5 PU	293	Rear Defog Element Supply Voltage
9-12	--	--	Not Used
13	0.5 OG	740	Battery Positive Voltage (LLT)
14	2 PU	1197	Headlamp Washer Pump Control (CE4)
15	0.5 PK	1739	Battery Positive Voltage
16	0.5 PK	339	Battery Positive Voltage (MX7)
17	0.35 OG	1940	Battery Positive Voltage
18	0.35 PK	539	Ignition 1 Voltage
19	--	--	Not Used
20	0.35 D-BU	5985	Accessory Wakeup Serial Data
21-22	--	--	Not Used
23	0.35 PK	539	Ignition 1 Voltage (UA2/KB6)
24-25	--	--	Not Used
26	0.35 WH	2282	Headlamp Washer Relay Control (CE4)
27	0.35 D-BU	545	DRL Supply Voltage (TT6/TT7/TT8)

28	0.35 WH	193	Rear Defog Relay Control
29	0.35 PU	544	Headlamp Low Beam Supply Voltage (TT6/TT7/TT8)
	0.35 PK/WH	1970	Headlamp Low Beam Relay Control (without TT6/TT7/TT8)
30	0.35 L-BU	5986	Serial Data Communication Enable
31	0.8 OG	1840	Battery Positive Voltage
32-33	--	--	Not Used
34	0.35 BK	860	Front Windshield Wiper Switch High Signal
35-39	--	--	Not Used
40	0.35 OG	540	Battery Positive Voltage
41	0.8 RD	228	Windshield Washer Pump Control
42	0.35 OG	2268	Windshield Washer Relay Control
43	0.35 WH	17	Stop Lamp Supply Voltage
44	0.35 PK	139	Ignition 1 Voltage
45	0.35 D-GN/WH	1317	Fog Lamp Relay Control (T96)
46	--	--	Not Used
47	0.35 YE	6817	LED Backlight Dimming Control
48	0.35 GY	91	Windshield Wiper Switch Signal 2
49-51	--	--	Not Used
52	0.35 BK/WH	1969	Headlamp Relay Control
53	--	--	Not Used
54	0.8 L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage
55-56	--	--	Not Used
57	0.35 OG	540	Battery Positive Voltage
	0.35 OG	540	Battery Positive Voltage
58	0.8 OG	1140	Battery Positive Voltage
59-60	--	--	Not Used
61	0.5 OG	2240	Battery Positive Voltage (UAV/U2X/U2Y)
62	0.35 PU/WH	7005	LED Dimming Signal
63-64	--	--	Not Used
65	0.35 D-BU	5985	Accessory Wakeup Serial Data
66	--	--	Not Used
67	0.35 PU	544	Headlamp Low Beam Supply Voltage (without TT6/TT7/TT8)
	0.35 PK/WH	1970	Headlamp Relay Control (TT6/TT7/TT8)
68	0.8 D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
69	--	--	Not Used
70	0.35 BK	28	Horn Relay Control
71	--	--	Not Used
72	0.8 OG	1540	Battery Positive Voltage
73	1 OG	1640	Battery Positive Voltage
74	2 PU	92	Windshield Wiper Motor High Speed

75	0.5 OG	2740	Battery Positive Voltage (B3T)
76	0.8 OG	1340	Battery Positive Voltage
77	--	--	Not Used
78	0.8 OG	1240	Battery Positive Voltage
79	--	--	Not Used
80	1 OG	240	Battery Positive Voltage (LLT)
81	1 OG	2040	Battery Positive Voltage
82	0.8 OG	1440	Battery Positive Voltage
83	2 D-GN	95	Windshield Washer Switch Signal
84	1 OG	2640	Battery Positive Voltage (MX7)

Fuse Block - Underhood X3



Connector Part Information

- OEM: 7283-9457-3W
- Service: 19153182
- Description: 54-Way F YESC Kaizen Series (BK)

Terminal Part Information

- Pins: 1-2, 4, 6, 10-12, 14-19, 21-22, 27, 29-31, 35, 37, 39, 43-44, 48, 50, 52-53
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 20
- Terminal/Tray: 7116-4112-02/9
- Core/Insulation Crimp: C/D
- Release Tool/Test Probe: 12094430/J-35616-35 (VT)
- Pins: 54
- Terminal/Tray: 7116-3250/10
- Core/Insulation Crimp: G/3
- Release Tool/Test Probe: 12094430/J-35616-22 (RD)

- Pins: 3, 5, 13, 24-26, 32-34, 38, 40-42, 45, 49
 - Terminal/Tray: 7116-4100-08/9
 - Core/Insulation Crimp: E/C
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)
-
- Pins: 7, 13, 23, 28, 36, 46, 47, 51
 - Terminal/Tray: 7116-4101-08/9
 - Core/Insulation Crimp: Pins 7, 23, 28, 36, 46, 47, 51 - E/A
 - Core/Insulation Crimp: Pins 13 - See Terminal Repair Kit
 - Release Tool/Test Probe: 12094430/J-35616-2A (GY)
-
- Pins: 8, 9
 - Terminal/Tray: 7116-4122-02/10
 - Core/Insulation Crimp: Pins 8 - D/G
 - Core/Insulation Crimp: Pins 9 - A/B
 - Release Tool/Test Probe: 12094430/J-35616-42 (RD)

Fuse Block - Underhood X3

Pin	Wire	Circuit	Function
1--2	--	--	Not Used
3	0.5 D-BU	473	High Speed Cooling Fan Relay Control
4	--	--	Not Used
5	0.5 D-GN/WH	459	A/C Compressor Clutch Relay Control
6	--	--	Not Used
7	0.8 OG	440	Battery Positive Voltage (MYB)
8	5 RD	242	Battery Positive Voltage
9	3 PU	6	Starter Solenoid Crank Voltage
10-12	--	--	Not Used
13	0.5 PK	339	Ignition 1 Voltage
	0.5 PK	339	Ignition 1 Voltage (MYB)
14-19	--	--	Not Used
20	2 RD	42	Battery Positive Voltage
21-22	--	--	Not Used
23	1 PK/BK	5293	Powertrain Main Relay Fused Supply
24	0.5 PK	339	Ignition 1 Voltage
25	0.5 YE	447	Starter Relay Coil Control
26	0.5 D-BU	5985	Accessory Wakeup Serial Data
27	--	--	Not Used
28	0.8 PK/BK	5294	Battery Positive Voltage
29	--	--	Not Used
30	.35 GY	5296	Ignition 1 Voltage
31	--	--	Not Used
32	0.35 GY	5127	Auxiliary Coolant Pump Supply Voltage (LLT)
33	0.5 D-GN	59	A/C Compressor Clutch Supply Voltage

34	0.5 WH	17	Stop Lamp Supply Voltage
35	--	--	Not Used
36	1 PK/BK	5290	Ignition 1 Voltage
37	--	--	Not Used
38	0.35 D-BU	5985	Accessory Wakeup Serial Data
39	--	--	Not Used
40	0.5 PK/BK	5294	Battery Positive Voltage (MV7)
41	0.5 D-GN	335	Low Speed Cooling Fan Relay Control
42	0.5 BN	5069	Main Relay Control
43-44	--	--	Not Used
45	0.35 WH	17	Stop Lamp Supply Voltage (MYB)
46	1 BK	1150	Ground
47	1 PK/BK	5292	Ignition 1 Voltage
48	--	--	Not Used
49	0.35 L-BU	5986	Serial Data Communication Enable
50	--	--	Not Used
51	1 PK/BK	5291	Ignition 1 Voltage
52-53	--	--	Not Used
54	5 OG	2440	Battery Positive Voltage (XA7)

Fuse Block - Underhood X4 (To Starter / Generator)

Terminal Part Information

- Harness: Engine Harness
- Terminal: 7003611702
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

Fuse Block - Underhood X4 (To Starter / Generator)

Pin	Wire	Circuit	Function
+	50 RD	1	Battery Positive Voltage
	19 RD	1	Battery Positive Voltage

Fuse Block - Underhood X4 (To Battery)

Terminal Part Information

- Harness: Body Harness
- Terminal: 7003-6115-02
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

Fuse Block - Underhood X4 (To Battery)

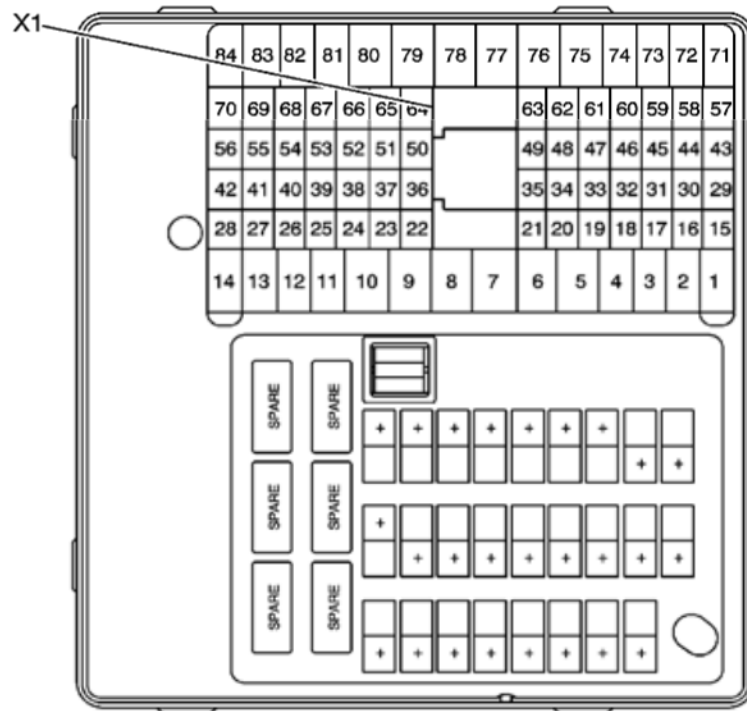
Fuse Block - Rear Label



Device	Rating	Description
LF/FRT/PWR/SEAT Circuit Breaker	25A	Memory Seat Module (MSM), Seat Adjuster Switch - Driver
PWR/CLMN Circuit Breaker	25A	Memory Seat Module (MSM)
PWR/WNDW Circuit Breaker	25A	Window Motor - Driver, Window Motor - Passenger
RT/FRT/PWR/SEAT Circuit Breaker	25A	Seat Adjuster Switch - Passenger, Seat Lumbar Adjuster Switch - Passenger
AIRBAG Fuse	10A	Inflatable Restraint Sensing and Diagnostic Module, Inflatable Restraint Front Passenger Presence System (PPS), Sensor
AMP Fuse	30A	Audio Amplifier
AUX/OUTLET Fuse	20A	Accessory Power Outlet - Center Console, Accessory Power Outlet - Rear
CNSTR/VENT Fuse	10A	Evaporative Emissions (EVAP) Canister Vent Solenoid Valve
DR/LCK Fuse	15A	LCK Relay, SPARE Relay, UNLCK Relay

ECM Fuse	15A	Engine Control Module (ECM)
FUEL/PUMP Fuse	20A	FUEL/PUMP Relay
LT/POS/LP Fuse	10A	Marker Lamp - Left Front, Park Lamp - Left Front, Tail Lamp - Left, Park Lamp Relay
LT/REAR/WNDW Fuse	15A	Window Switch - Left Rear
MSM Fuse	10A	Memory Seat Module (MSM), Rear Object Sensor Control Module
ONSTAR Fuse	10A	Vehicle Communication Interface Module (VCIM), Television Antenna Module
PDM Fuse	15A	Door Lock/Window Switch - Passenger
RDO Fuse	15A	Radio, Radio/HVAC Control, Radio/HVAC Display
RDO/SPKR Fuse	15A	Speaker - Rear Subwoofer
REAR/FOG Fuse	10A	REARFOG Relay
REAR/WNDW Fuse	15A	Window Switch - Right Rear
RKE/PASS-KEY/MDL Fuse	10A	Remote Control Door Lock Receiver (RCDLR), Tire Pressure Module
RT/POS/LP Fuse	10A	RT/POS/LP Relay
RT/POS/LP Fuse	10A	Marker Lamp - Right Front, Park Lamp - Right Front, License Lamp - Left, License Lamp - Right
RVC/SNSR Fuse	10A	Body Control Module (BCM)
S/ROOF Fuse	30A	Sunroof Control Module, Sunroof Shade Module
SPARE Fuse	--	Not Used
SPARE Fuse	--	Not Used
STOP/LP Fuse	10A	STOP/LP Relay
THEFT/UGDO Fuse	10A	Theft Deterrent Alarm Siren, Intrusion Sensor, Garage Door Opener (GDO) (UG1), Vehicle Inclination Sensor (UA2), Theft Deterrent Alarm
TRUNK/RELSE Fuse	15A	TRUNK/RELSE Relay
FUEL/DR/RELSE Relay	--	Fuel Door Release Actuator (N08)
FUEL/PUMP Relay	--	Fuel Pump
LCK Relay	--	Theft Deterrent Alarm
LT/POS/LP Relay	--	LT/POS/LP Fuse, RT/POS/LP Fuse
REARFOG Relay	--	Fog Lamp - Left Rear, Fog Lamp - Right Rear
RT/POS/LP Relay	--	Marker Lamp - Right Front, Park Lamp - Right Front, License Lamp - Left, License Lamp - Right
STOP/LP Relay	--	Tail Lamp - Left, Tail Lamp - Right
TRUNK/RELSE Relay	--	Rear Compartment Lid Latch
UNLCK Relay	--	Door Latch - Left Rear, Door Latch - Right Rear

Fuse Block - Rear Top View

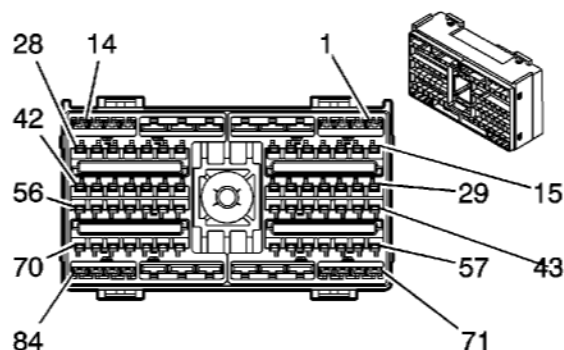


Fuse Block - Rear Bottom View

 Object Number: 1986131 Size: MF



Fuse Block - Rear X1



Connector Part Information

- OEM: 7283-9456-3W
- Service: 19153188
- Description: 84-Way F YESC Kaizen Series (BK)

Terminal Part Information

- Pins: 1, 4, 7, 10, 14-16, 18, 21, 25, 29-30, 32, 36, 39-44, 47, 50, 52-53, 55-57, 59-61, 64, 66-68, 70-75, 80-84
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 1, 4, 7, 10, 14-16, 18, 21, 25, 29-30, 32, 36, 39-45, 47-48, 50, 52-53, 55-57, 59-62, 64, 66-68, 70-75, 80-84
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 2, 3
- Terminal/Tray: 7116-4112-02/9
- Core/Insulation Crimp: C/D
- Release Tool/Test Probe: 12094430/J-35616-35 (VT)
- Pins: 8, 9, 79
- Terminal/Tray: 7116-4121-02/10
- Core/Insulation Crimp: C/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)
- Pins: 12, 13
- Terminal/Tray: 7116-4111-02/9

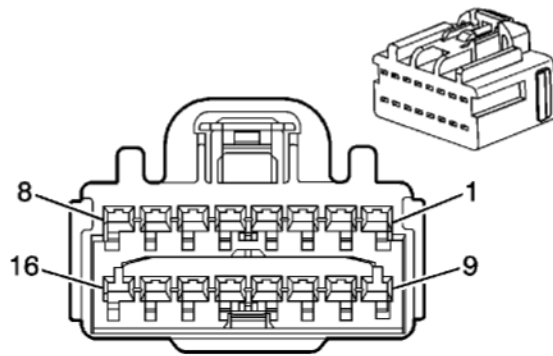
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)
- Pins: 11, 17, 19, 20, 22-24, 33-35, 37, 45, 48, 49, 51, 58, 62, 63, 65, 69
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 5, 6, 76-78
- Terminal/Tray: 7116-4122-02/10
- Core/Insulation Crimp: Pins 5, 6, 76 - D/G
- Core/Insulation Crimp: Pins 77, 78 - A/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)
- Pins: 19, 26-28, 31, 38, 46, 54
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: Pins 19 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 26-28, 31, 38, 46, 54 - E/A
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Fuse Block - Rear X1

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	3 RD	1042	Battery Positive Voltage
3	3 OG	3240	Battery Positive Voltage (C3U)
4	--	--	Not Used
5	5 RD	1	Battery Positive Voltage
6	5 RD	1	Battery Positive Voltage
7	--	--	Not Used
8	2 OG	4340	Battery Positive Voltage
9	2 OG	4340	Battery Positive Voltage
10	--	--	Not Used
11	0.35 RD	122	Fog Lamps Supply Voltage 1 (T79)
12	3 GY	295	Door Lock Actuator Lock Control
13	1 OG	4240	Battery Positive Voltage
14-16	--	--	Not Used
17	0.35 OG	140	Battery Positive Voltage
18	--	--	Not Used
19	0.5 PU	709	Left Park Lamp Supply Voltage
	0.5 PU	709	Left Park Lamp Supply Voltage
20	0.5 L-BU	1320	CHMSL Supply Voltage (T90)
21	--	--	Not Used
22	0.35 D-BU	45	Park Lamp Supply Voltage/Marker Lamp Supply Voltage
23	0.35 OG	4540	Battery Positive Voltage (UA2)
24	0.35 L-GN	1391	Driver Door Unlock Relay Control

25	--	--	Not Used
26	1 OG	1040	Battery Positive Voltage
27	1 GY	120	Fuel Pump Supply Voltage
28	1 BK	1050	Ground
29-32	--	--	Not Used
33	0.5 PU	709	Left Park Lamp Supply Voltage (T90)
34	0.5 L-BU	1320	CHMSL Supply Voltage (T90)
35	0.5 BN/WH	309	Right Park Lamp Supply Voltage (T90)
36	--	--	Not Used
37	0.35 OG	4540	Battery Positive Voltage (UA2)
38	1 OG	340	Battery Positive Voltage
39-44	--	--	Not Used
45	0.35 OG	3340	Battery Positive Voltage (U2X/U2Y)
46	1 OG	4440	Battery Positive Voltage (UQS)
47-48	--	--	Not Used
49	0.35 OG	3140	Battery Positive Voltage (A45)
	0.35 OG	3340	Battery Positive Voltage (U2X/U2Y)
50	--	--	Not Used
51	0.35 OG	4540	Battery Positive Voltage (UA2)
52	--	--	Not Used
53	1 TN	694	Driver Door Lock Actuator Unlock Control (N08)
54	1 TN	294	Door Lock Actuator Unlock Control
55-57	--	--	Not Used
58	0.5 D-GN/WH	465	Fuel Pump Relay Control
59-62	--	--	Not Used
63	0.35 OG	3140	Battery Positive Voltage (UD7)
64	--	--	Not Used
65	0.35 OG	4540	Battery Positive Voltage (UA2)
66-68	--	--	Not Used
69	0.35 TN	6188	Lift Glass/Trunk Motor Release Control
70-75	--	--	Not Used
76	5 RD	1	Battery Positive Voltage
77	3 OG	3840	Battery Positive Voltage (without N38)
78	3 OG	3940	Battery Positive Voltage (AH8)
79	2 OG	3740	Battery Positive Voltage (A45 with N38)
80-84	--	--	Not Used

Fuse Block - Rear X2



Connector Part Information

- OEM: 7283-6456-90
- Service: See Catalog
- Description: 16-Way F Hybrid Series (BU)

Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuse Block - Rear X2

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.5 OG	2940	Battery Positive Voltage
3-5	--	--	Not Used
6	0.8 OG	4040	Battery Positive Voltage
7	--	--	Not Used
8	0.35 OG	1740	Battery Positive Voltage
9	--	--	Not Used
10	1 RD/WH	4640	Battery Positive Voltage
11-13	--	--	Not Used
14	0.35 OG	3440	Battery Positive Voltage
15	1 OG	4140	Battery Positive Voltage
16	0.35 OG	1740	Battery Positive Voltage

Fuse Block - Rear X3

✖ Object Number: 823290 Size: CH



Connector Part Information

- OEM: 7283-6447-40
- Service: See Catalog
- Description: 14-Way F Hybrid Series (L-GY)

Terminal Part Information

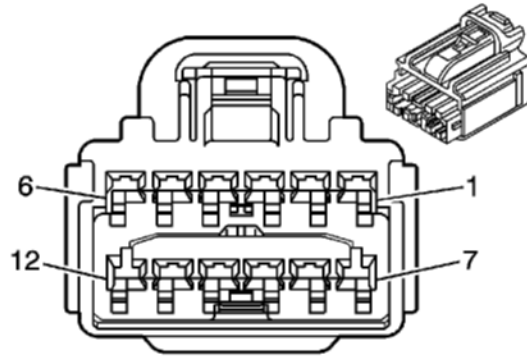
- Pins: 1, 3-5, 7-8, 10, 12, 14
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 2
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 6, 9, 11, 13
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Fuse Block - Rear X3

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	1 RD/WH	4740	Battery Positive Voltage
3-5	--	--	Not Used
6	0.35 YE	1977	Rear Fog Lamp Relay Control (T79)
7-8	--	--	Not Used
9	0.5 BK/WH	56	Rear Compartment Lid Release Switch
10	--	--	Not Used
11	0.35 BK	1050	Ground
12	--	--	Not Used
13	0.35 L-BU	20	Stop Lamp Supply Voltage/Stop Lamp Switch Signal (T90)

14	--	--	Not Used
----	----	----	----------

Fuse Block - Rear X4



Connector Part Information

- OEM: 7283-3442-40
- Service: 89046712
- Description: 12-Way F YESC Kaizen Series (L-GY)

Terminal Part Information

- Pins: 2-4, 6, 8, 10-12
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 1
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 1, 5, 7, 9
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Fuse Block - Rear X4

Pin	Wire	Circuit	Function
1	0.5 BN/WH	309	Right Park Lamp Supply Voltage
	0.5 BN/WH	309	Right Park Lamp Supply Voltage
2-4	--	--	Not Used
5	0.35 WH	1080	Park Lamp Relay Control (T90)
6	--	--	Not Used
7	0.35 BN/WH	309	Right Park Lamp Supply Voltage (without T90)

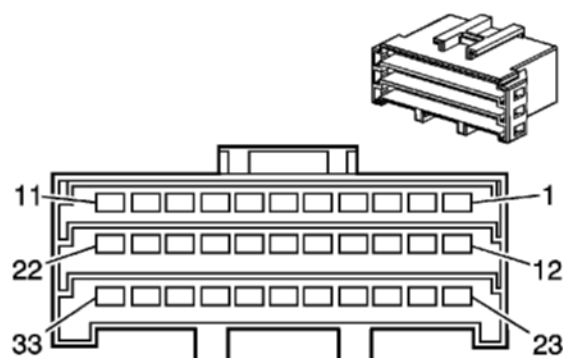
8	--	--	Not Used
9	0.35 L-BU	5921	Driver Door Unlock Relay Control
10	--	--	Not Used
11	0.35 BK	79	Fuel Door Release Solenoid Control (NO8)
12	--	--	Not Used

Splice Pack Connector End Views

Connector 1: [JX201](#)

Connector 2: [JX301](#)

JX201



Connector Part Information

- OEM: 7123-1509
- Service: 88988397
- Description: 33-Way F Joint Connector Series (NA)

Terminal Part Information

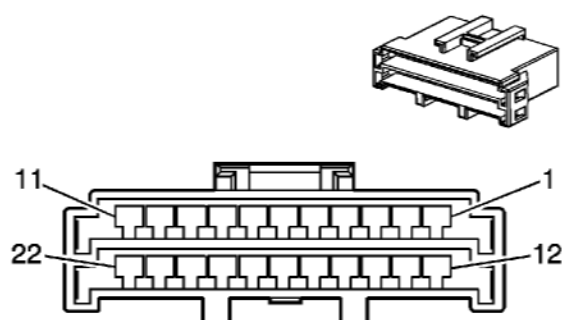
- Pins: 1-4, 19, 21, 22, 24-27, 30, 32, 33
- Terminal/Tray: 7116-1470/10
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-33 (YE)

JX201

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2	0.35 D-GN	5060	Low Speed GMLAN Serial Data
3	0.35 D-GN	5060	Low Speed GMLAN Serial Data
4	0.35 D-GN	5060	Low Speed GMLAN Serial Data (without Y41)
5-18	--	--	Not Used
19	0.5 TN/WH	2500	High Speed GMLAN Serial Data Bus+
20	--	--	Not Used
21	0.35 TN/WH	2500	High Speed GMLAN Serial Data Bus+
22	0.35 TN/WH	2500	High Speed GMLAN Serial Data Bus+

23	--	--	Not Used
24	0.35 YE	61	Low Reference
25	0.35 YE	61	Low Reference
26	0.35 YE	61	Low Reference
27	0.35 YE	61	Low Reference
28-29	--	--	Not Used
30	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
31	--	--	Not Used
32	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
33	0.35 TN	2501	High Speed GMLAN Serial Data Bus-

JX301



Connector Part Information

- OEM: 7123-1508
- Service: 88952787
- Description: 22-Way F Joint Connector Series (NA)

Terminal Part Information

- Pins: 1-6, 8-10
- Terminal/Tray: 7116-1473/10
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-33 (YE)

JX301

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2	0.35 D-GN	5060	Low Speed GMLAN Serial Data
3	0.35 D-GN	5060	Low Speed GMLAN Serial Data (A45)
4	0.35 D-GN	5060	Low Speed GMLAN Serial Data

5	0.35 D-GN	5060	Low Speed GMLAN Serial Data (UA2)
6	0.35 D-GN	5060	Low Speed GMLAN Serial Data (UQS)
7	--	--	Not Used
8	0.35 D-GN	5060	Low Speed GMLAN Serial Data (UD7)
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data (UE1/U2X/U2Y)
10	0.5 D-GN	5060	Low Speed GMLAN Serial Data
11-22	--	--	Not Used

Component Connector End Views

Connector 1:	A/C Compressor Clutch
Connector 2:	A/C Refrigerant Pressure Sensor
Connector 3:	Accelerator Pedal Position (APP) Sensor
Connector 4:	Accent Lamp - Driver Door (TSQ)
Connector 5:	Accent Lamp - Driver Door Handle (TSQ)
Connector 6:	Accent Lamp - Left I/P (TSQ)
Connector 7:	Accent Lamp - Left Rear Door (TSQ)
Connector 8:	Accent Lamp - Left Rear Door Handle (TSQ)
Connector 9:	Accent Lamp - Lower Left I/P (TSQ)
Connector 10:	Accent Lamp - Lower Right I/P (TSQ)
Connector 11:	Accent Lamp - Overhead Console (TSQ)
Connector 12:	Accent Lamp - Passenger Door (TSQ)
Connector 13:	Accent Lamp - Passenger Door Handle (TSQ)
Connector 14:	Accent Lamp - Right I/P (TSQ)
Connector 15:	Accent Lamp - Right Rear Door (TSQ)
Connector 16:	Accent Lamp - Right Rear Door Handle (TSQ)
Connector 17:	Accessory Power Outlet - Center Console
Connector 18:	Accessory Power Outlet - Rear
Connector 19:	Active Hood Hinge Actuator - Left (B3T)
Connector 20:	Active Hood Hinge Actuator - Right (B3T)
Connector 21:	Adaptive Forward Lighting (AFL) Motor - Left (TT6/TT7/TT8)
Connector 22:	Adaptive Forward Lighting (AFL) Motor - Right (TT6/TT7/TT8)
Connector 23:	Air Temperature Actuator - Left
Connector 24:	Air Temperature Actuator - Right
Connector 25:	Air Temperature Sensor - Inside
Connector 26:	Ambient Air Temperature Sensor
Connector 27:	Audio Amplifier X1 (UQA/UQS)
Connector 28:	Audio Amplifier X2 (UQA/UQS)
Connector 29:	Audio Amplifier X3 (UQA/UQS)(LHD)
Connector 30:	Audio Amplifier X3 (UQA/UQS)(RHD)
Connector 31:	Audio Amplifier X4 (UQS)
Connector 32:	Automatic Transmission (MYB)
Connector 33:	Automatic Transmission Shift Lever (MYB/MYD)
Connector 34:	Auxiliary Audio Jack (UQA)
Connector 35:	Auxiliary Body Control Module (XBCM) X1 (UA2)
Connector 36:	Auxiliary Body Control Module (XBCM) X2 (UA2)
Connector 37:	Backup Lamp Switch (MV7)
Connector 38:	Battery (-)
Connector 39:	Battery (+)
Connector 40:	Battery Current Sensor

Connector 41:	<u>Blower Motor</u>
Connector 42:	<u>Blower Motor Control Module X1</u>
Connector 43:	<u>Blower Motor Control Module X2</u>
Connector 44:	<u>Body Control Module (BCM) X1</u>
Connector 45:	<u>Body Control Module (BCM) X2</u>
Connector 46:	<u>Body Control Module (BCM) X3</u>
Connector 47:	<u>Body Control Module (BCM) X4</u>
Connector 48:	<u>Body Control Module (BCM) X5</u>
Connector 49:	<u>Body Control Module (BCM) X6</u>
Connector 50:	<u>Body Control Module (BCM) X7</u>
Connector 51:	<u>Brake Booster Pump - Auxiliary (LLT)</u>
Connector 52:	<u>Brake Booster Pump Relay (LLT)</u>
Connector 53:	<u>Brake Fluid Level Switch</u>
Connector 54:	<u>Brake Pedal Position Sensor</u>
Connector 55:	<u>Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Exhaust</u>
Connector 56:	<u>Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Exhaust</u>
Connector 57:	<u>Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Intake</u>
Connector 58:	<u>Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Intake</u>
Connector 59:	<u>Camshaft Position (CMP) Sensor - Bank 1 Exhaust</u>
Connector 60:	<u>Camshaft Position (CMP) Sensor - Bank 2 Exhaust</u>
Connector 61:	<u>Camshaft Position (CMP) Sensor - Bank 1 Intake</u>
Connector 62:	<u>Camshaft Position (CMP) Sensor - Bank 2 Intake</u>
Connector 63:	<u>Cellular/Navigation Microphone (UE1/WXS)</u>
Connector 64:	<u>Center High Mounted Stop Lamp (CHMSL)</u>
Connector 65:	<u>Cigar Lighter</u>
Connector 66:	<u>Clutch Pedal Position (CPP) Sensor (MV7/MG9)</u>
Connector 67:	<u>Coolant Pump - Auxiliary (LLT)</u>
Connector 68:	<u>Courtesy Lamp - Left Front Door</u>
Connector 69:	<u>Courtesy Lamp - Left Rear Door</u>
Connector 70:	<u>Courtesy Lamp - Rear Compartment</u>
Connector 71:	<u>Courtesy Lamp - Right Front Door</u>
Connector 72:	<u>Courtesy Lamp - Right Rear Door</u>
Connector 73:	<u>Courtesy/Reading Lamp - Left Front</u>
Connector 74:	<u>Courtesy/Reading Lamp - Left Rear</u>
Connector 75:	<u>Courtesy/Reading Lamp - Right Front</u>
Connector 76:	<u>Courtesy/Reading Lamp - Right Rear</u>
Connector 77:	<u>Crankshaft Position (CKP) Sensor (LP1/LY7/LLT)</u>
Connector 78:	<u>Data Link Connector (DLC)</u>
Connector 79:	<u>Data Link Resistor (except J77 or with LSA)</u>
Connector 80:	<u>Daytime Running Lamp (DRL) - Left (TT6/TT7/TT8)</u>
Connector 81:	<u>Daytime Running Lamp (DRL) - Right (TT6/TT7/TT8)</u>
Connector 82:	<u>Door Handle Switch - Driver</u>
Connector 83:	<u>Door Handle Switch - Passenger</u>
Connector 84:	<u>Door Latch - Driver</u>
Connector 85:	<u>Door Latch - Passenger</u>

Connector 86:	<u>Door Latch - Left Rear</u>
Connector 87:	<u>Door Latch - Right Rear</u>
Connector 88:	<u>Door Lock/Window Switch - Driver X1</u>
Connector 89:	<u>Door Lock/Window Switch - Driver X2</u>
Connector 90:	<u>Door Lock/Window Switch - Driver X3</u>
Connector 91:	<u>Door Lock/Window Switch - Driver X4</u>
Connector 92:	<u>Door Lock/Window Switch - Driver X5</u>
Connector 93:	<u>Door Lock/Window Switch - Driver X6</u>
Connector 94:	<u>Door Lock/Window Switch - Driver X7 (A45/DL7/D26)</u>
Connector 95:	<u>Door Lock/Window Switch - Passenger X1</u>
Connector 96:	<u>Door Lock/Window Switch - Passenger X2</u>
Connector 97:	<u>Door Lock/Window Switch - Passenger X3</u>
Connector 98:	<u>Door Lock/Window Switch - Passenger X6</u>
Connector 99:	<u>Door Lock/Window Switch - Passenger X7 (A45/DL7/D26)</u>
Connector 100:	<u>Driver Information Center (DIC) Switch</u>
Connector 101:	<u>Electronic Brake Control Module (EBCM)</u>
Connector 102:	<u>Electronic Compass Module</u>
Connector 103:	<u>Electronic Suspension Control (ESC) Module (F55)</u>
Connector 104:	<u>Engine Control Module (ECM) X1 (LLT)</u>
Connector 105:	<u>Engine Control Module (ECM) X1 (LP1/LY7)</u>
Connector 106:	<u>Engine Control Module (ECM) X1 (LSA)</u>
Connector 107:	<u>Engine Control Module (ECM) X2 (LLT)</u>
Connector 108:	<u>Engine Control Module (ECM) X2 (LP1/LY7)</u>
Connector 109:	<u>Engine Coolant Temperature (ECT) Sensor (LP1/LY7/LLT)</u>
Connector 110:	<u>Engine Cooling Fan - Left</u>
Connector 111:	<u>Engine Cooling Fan - Right</u>
Connector 112:	<u>Engine Oil Pressure (EOP) Sensor (LP1/LY7/LLT)</u>
Connector 113:	<u>Evaporative Emission (EVAP) Canister Vent Solenoid Valve (LP1/LY7/LLT)</u>
Connector 114:	<u>Evaporative Emissions (EVAP) Canister Purge Solenoid Valve (LP1/LY7/LLT)</u>
Connector 115:	<u>Evaporator Temperature Sensor</u>
Connector 116:	<u>Fog Lamp - Left Front (T96)</u>
Connector 117:	<u>Fog Lamp - Left Rear (T79)</u>
Connector 118:	<u>Fog Lamp - Right Front (T96)</u>
Connector 119:	<u>Fog Lamp - Right Rear (T79)</u>
Connector 120:	<u>Fuel Door Release Actuator (N08)</u>
Connector 121:	<u>Fuel Injector 1 (LLT)</u>
Connector 122:	<u>Fuel Injector 1 (LP1/LY7)</u>
Connector 123:	<u>Fuel Injector 2 (LLT)</u>
Connector 124:	<u>Fuel Injector 2 (LP1/LY7)</u>
Connector 125:	<u>Fuel Injector 3 (LLT)</u>
Connector 126:	<u>Fuel Injector 3 (LP1/LY7)</u>
Connector 127:	<u>Fuel Injector 4 (LLT)</u>
Connector 128:	<u>Fuel Injector 4 (LP1/LY7)</u>
Connector 129:	<u>Fuel Injector 5 (LLT)</u>
Connector 130:	<u>Fuel Injector 5 (LP1/LY7)</u>

Connector 131: [Fuel Injector 6 \(LLT\)](#)
Connector 132: [Fuel Injector 6 \(LP1/LY7\)](#)
Connector 133: [Fuel Level Sensor \(LP1/LY7/LLT\)](#)
Connector 134: [Fuel Pump and Sender Assembly \(LP1/LY7/LLT\)](#)
Connector 135: [Fuel Rail Pressure \(FRP\) Sensor \(LLT\)](#)
Connector 136: [Fuel Tank Pressure \(FTP\) Sensor](#)
Connector 137: [Garage Door Opener \(GDO\) \(UG1\)](#)
Connector 138: [Generator X1](#)
Connector 139: [Generator X2](#)
Connector 140: [Headlamp - Left High Beam \(without TT6/TT7/TT8\)](#)
Connector 141: [Headlamp - Left High Beam Solenoid \(TT6/TT7/TT8\)](#)
Connector 142: [Headlamp - Left Low Beam \(without TT6/TT7/TT8\)](#)
Connector 143: [Headlamp - Right High Beam \(without TT6/TT7/TT8\)](#)
Connector 144: [Headlamp - Right High Beam Solenoid \(TT6/TT7/TT8\)](#)
Connector 145: [Headlamp - Right Low Beam \(without TT6/TT7/TT8\)](#)
Connector 146: [Headlamp Ballast - Left \(TT6/TT7/TT8\)](#)
Connector 147: [Headlamp Ballast - Right \(TT6/TT7/TT8\)](#)
Connector 148: [Headlamp Leveling Actuator - Left \(TR7 with TT6/TT7/TT8\)](#)
Connector 149: [Headlamp Leveling Actuator - Right \(TR7 with TT6/TT7/TT8\)](#)
Connector 150: [Headlamp Module \(TR7 or TT6/TT7/TT8\)](#)
Connector 151: [Headlamp Washer Fluid Pump \(CE4\)](#)
Connector 152: [Heated Oxygen Sensor \(HO2S\) Bank 1 Sensor 1](#)
Connector 153: [Heated Oxygen Sensor \(HO2S\) Bank 1 Sensor 2](#)
Connector 154: [Heated Oxygen Sensor \(HO2S\) Bank 2 Sensor 1](#)
Connector 155: [Heated Oxygen Sensor \(HO2S\) Bank 2 Sensor 2 \(MV7\)](#)
Connector 156: [Heated Oxygen Sensor \(HO2S\) Bank 2 Sensor 2 \(MYB\)](#)
Connector 157: [Heated Seat Element - Driver Back \(KA1\)](#)
Connector 158: [Heated Seat Element - Driver Cushion \(KA1\)](#)
Connector 159: [Heated Seat Element - Passenger Back \(KA1\)](#)
Connector 160: [Heated Seat Element - Passenger Cushion \(KA1\)](#)
Connector 161: [High Pressure Fuel Pump \(LLT\)](#)
Connector 162: [Hood Ajar Switch \(UHA/UA2\)](#)
Connector 163: [Horn Assembly](#)
Connector 164: [Horn Switch X1](#)
Connector 165: [Horn Switch X2](#)
Connector 166: [HVAC Control Module X1](#)
Connector 167: [HVAC Control Module X2](#)
Connector 168: [I/P Compartment Lamp](#)
Connector 169: [I/P Compartment Lamp Switch](#)
Connector 170: [I/P Courtesy Lamp - Left](#)
Connector 171: [I/P Courtesy Lamp - Right](#)
Connector 172: [I/P Dimmer Switch](#)
Connector 173: [Ignition Coil 1 \(LLT\)](#)
Connector 174: [Ignition Coil 1 \(LP1/LY7\)](#)
Connector 175: [Ignition Coil 2 \(LLT\)](#)

Connector 176: [Ignition Coil 2 \(LP1/LY7\)](#)
Connector 177: [Ignition Coil 3 \(LLT\)](#)
Connector 178: [Ignition Coil 3 \(LP1/LY7\)](#)
Connector 179: [Ignition Coil 4 \(LLT\)](#)
Connector 180: [Ignition Coil 4 \(LP1/LY7\)](#)
Connector 181: [Ignition Coil 5 \(LLT\)](#)
Connector 182: [Ignition Coil 5 \(LP1/LY7\)](#)
Connector 183: [Ignition Coil 6 \(LLT\)](#)
Connector 184: [Ignition Coil 6 \(LP1/LY7\)](#)
Connector 185: [Ignition Lock Cylinder Control Actuator](#)
Connector 186: [Ignition Switch](#)
Connector 187: [Inflatable Restraint Front End Sensor - Left](#)
Connector 188: [Inflatable Restraint Front End Sensor - Right](#)
Connector 189: [Inflatable Restraint Front Passenger Presence System \(PPS\) Sensor](#)
Connector 190: [Inflatable Restraint I/P Module X1](#)
Connector 191: [Inflatable Restraint I/P Module X2](#)
Connector 192: [Inflatable Restraint Roof Rail Module - Driver](#)
Connector 193: [Inflatable Restraint Roof Rail Module - Right](#)
Connector 194: [Inflatable Restraint Seat Position Sensor - Driver \(without A45\)](#)
Connector 195: [Inflatable Restraint Seat Position Sensor - Passenger](#)
Connector 196: [Inflatable Restraint Sensing and Diagnostic Module \(SDM\)](#)
Connector 197: [Inflatable Restraint Side Impact Module - Left](#)
Connector 198: [Inflatable Restraint Side Impact Module - Right](#)
Connector 199: [Inflatable Restraint Side Impact Sensor \(SIS\) - Left Front](#)
Connector 200: [Inflatable Restraint Side Impact Sensor \(SIS\) - Left Rear](#)
Connector 201: [Inflatable Restraint Side Impact Sensor \(SIS\) - Right Front](#)
Connector 202: [Inflatable Restraint Side Impact Sensor \(SIS\) - Right Rear](#)
Connector 203: [Inflatable Restraint Steering Wheel Module X1](#)
Connector 204: [Inflatable Restraint Steering Wheel Module X2](#)
Connector 205: [Inflatable Restraint Steering Wheel Module Coil X1](#)
Connector 206: [Inflatable Restraint Steering Wheel Module Coil X2](#)
Connector 207: [Inflatable Restraint Steering Wheel Module Coil X3](#)
Connector 208: [Inside Rearview Mirror \(ISRVM\)](#)
Connector 209: [Instrument Panel Cluster \(IPC\)](#)
Connector 210: [Intake Manifold Tuning \(IMT\) Solenoid Valve \(LP1/LY7\)](#)
Connector 211: [Intrusion Sensor \(UA2\)](#)
Connector 212: [Keyless Entry Antenna - Center Console Active \(UHA/UHF\)](#)
Connector 213: [Keyless Entry Antenna - Center Console Passive \(UHA/UHF\)](#)
Connector 214: [Keyless Entry Antenna - Left Front Door Handle \(UHA/UHF\)](#)
Connector 215: [Keyless Entry Antenna - Rear Compartment \(UHA/UHF\)](#)
Connector 216: [Keyless Entry Antenna - Right Front Door Handle \(UHA/UHF\)](#)
Connector 217: [Knock Sensor \(KS\) 1](#)
Connector 218: [Knock Sensor \(KS\) 2](#)
Connector 219: [License Lamp - Left](#)
Connector 220: [License Lamp - Right](#)

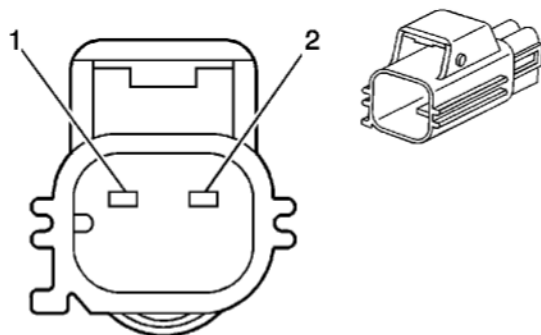
Connector 221: [Marker Lamp - Left Front \(without T90\)](#)
Connector 222: [Marker Lamp - Right Front \(without T90\)](#)
Connector 223: [Mass Air Flow \(MAF\)/Intake Air Temperature \(IAT\) Sensor](#)
Connector 224: [Memory Seat Module \(MSM\) \(A45\) X1](#)
Connector 225: [Memory Seat Module \(MSM\) \(A45\) X2](#)
Connector 226: [Memory Seat Module \(MSM\) \(A45\) X3](#)
Connector 227: [Memory Seat Module \(MSM\) \(A45\) X4](#)
Connector 228: [Memory Seat Module \(MSM\) \(A45\) X5](#)
Connector 229: [Memory Seat Module \(MSM\) \(A45\) X6](#)
Connector 230: [Memory Seat Module \(MSM\) \(A45\) X7](#)
Connector 231: [Mode Actuator](#)
Connector 232: [Navigation and Traffic Data Antenna \(U2X\)](#)
Connector 233: [Noise Compensation Microphone \(UQS\)](#)
Connector 234: [Object Alarm Sensor - Left Rear Corner \(UD7\)](#)
Connector 235: [Object Alarm Sensor - Left Rear Middle \(UD7\)](#)
Connector 236: [Object Alarm Sensor - Right Rear Corner \(UD7\)](#)
Connector 237: [Object Alarm Sensor - Right Rear Middle \(UD7\)](#)
Connector 238: [Outside Rearview Mirror - Driver](#)
Connector 239: [Outside Rearview Mirror - Passenger](#)
Connector 240: [Park Brake Switch \(without J77\)](#)
Connector 241: [Park Lamp - Left Front](#)
Connector 242: [Park Lamp - Right Front](#)
Connector 243: [Park Lamp Relay \(T90\)](#)
Connector 244: [Pedestrian Impact Detection Module X1 \(B3T\)](#)
Connector 245: [Pedestrian Impact Detection Module X2 \(B3T\)](#)
Connector 246: [Pedestrian Impact Detection Sensor - Front Upper Beam \(B3T\)](#)
Connector 247: [Pedestrian Impact Detection Sensor - Rear Upper Beam \(B3T\)](#)
Connector 248: [Radio Antenna Module](#)
Connector 249: [Radio X1](#)
Connector 250: [Radio X4 \(UQS/UAV/U2X/U2Y/WXS\)](#)
Connector 251: [Radio X5 \(UAV/U2X/U2Y\)](#)
Connector 252: [Radio/HVAC Control](#)
Connector 253: [Radio/HVAC Display X1 \(UAV/U2X/U2Y\)](#)
Connector 254: [Radio/HVAC Display X2 \(UAV/U2X/U2Y\)](#)
Connector 255: [Radio/HVAC Display X3 \(UAV/U2X/U2Y\)](#)
Connector 256: [Rear Compartment Lid Latch](#)
Connector 257: [Rear Compartment Lid Release Switch - Interior](#)
Connector 258: [Rear Compartment Lid Release Switch - Exterior \(UHA/UHF\)](#)
Connector 259: [Rear Object Sensor Control Module X1 \(UD7\)](#)
Connector 260: [Rear Object Sensor Control Module X2 \(UD7\)](#)
Connector 261: [Rear Parking Assist \(RPA\) Display \(UD7\)](#)
Connector 262: [Rear Window Defogger X1](#)
Connector 263: [Rear Window Defogger X2](#)
Connector 264: [Recirculation Actuator](#)
Connector 265: [Remote Control Door Lock Receiver \(RCDLR\) X1 \(UHA/UHF\)](#)

Connector 266: [Remote Control Door Lock Receiver \(RCDLR\) X2 \(UHA/UHF\)](#)
Connector 267: [Remote Control Door Lock Receiver \(RCDLR\) X3 \(UHA/UHF\)](#)
Connector 268: [Remote Control Door Lock Receiver \(RCDLR\)\(without UHA/UHF/UH3\)](#)
Connector 269: [Repeater Lamp - Left Front \(T90\)](#)
Connector 270: [Repeater Lamp - Right Front \(T90\)](#)
Connector 271: [Seat Adjuster Switch - Driver](#)
Connector 272: [Seat Adjuster Switch - Passenger \(AH8\)](#)
Connector 273: [Seat Back Ventilation Heating and Cooling Module - Driver \(KB6\)](#)
Connector 274: [Seat Back Ventilation Heating and Cooling Module - Passenger \(KB6\)](#)
Connector 275: [Seat Belt Pretensioner - Driver](#)
Connector 276: [Seat Belt Pretensioner - Passenger](#)
Connector 277: [Seat Belt Switch - Driver](#)
Connector 278: [Seat Belt Switch - Passenger](#)
Connector 279: [Seat Cushion Ventilation Heating and Cooling Module - Driver \(KB6\)](#)
Connector 280: [Seat Cushion Ventilation Heating and Cooling Module - Passenger \(KB6\)](#)
Connector 281: [Seat Front Vertical Motor - Driver \(without A45\)](#)
Connector 282: [Seat Front Vertical Motor - Driver \(A45\) X1](#)
Connector 283: [Seat Front Vertical Motor - Driver \(A45\) X2](#)
Connector 284: [Seat Front Vertical Motor - Passenger \(AH8\)](#)
Connector 285: [Seat Horizontal Motor - Driver \(without A45\)](#)
Connector 286: [Seat Horizontal Motor - Driver \(A45\) X1](#)
Connector 287: [Seat Horizontal Motor - Driver \(A45\) X2](#)
Connector 288: [Seat Horizontal Motor - Passenger \(AH8/AL2\)](#)
Connector 289: [Seat Lumbar Adjuster Switch - Driver \(AL2\)](#)
Connector 290: [Seat Lumbar Adjuster Switch - Passenger \(AL2\)](#)
Connector 291: [Seat Lumbar Horizontal Motor - Driver \(AL2\)](#)
Connector 292: [Seat Lumbar Horizontal Motor - Passenger \(AL2\)](#)
Connector 293: [Seat Rear Vertical Motor - Driver \(without A45\)](#)
Connector 294: [Seat Rear Vertical Motor - Driver \(A45\) X1](#)
Connector 295: [Seat Rear Vertical Motor - Driver \(A45\) X2](#)
Connector 296: [Seat Rear Vertical Motor - Passenger \(AH8\)](#)
Connector 297: [Seat Recline Motor - Driver \(without A45\)](#)
Connector 298: [Seat Recline Motor - Driver \(A45\) X1](#)
Connector 299: [Seat Recline Motor - Driver \(A45\) X2](#)
Connector 300: [Seat Recline Motor - Passenger \(AH8\)](#)
Connector 301: [Shock Absorber Actuator - Left Front \(F55\)](#)
Connector 302: [Shock Absorber Actuator - Left Rear \(F55\)](#)
Connector 303: [Shock Absorber Actuator - Right Front \(F55\)](#)
Connector 304: [Shock Absorber Actuator - Right Rear \(F55\)](#)
Connector 305: [Speaker - Center I/P](#)
Connector 306: [Speaker - Left Front \(UQA\)](#)
Connector 307: [Speaker - Left Front \(UQS\)](#)
Connector 308: [Speaker - Left Front Door](#)
Connector 309: [Speaker - Left Rear](#)
Connector 310: [Speaker - Left Rear Compartment \(UQS\)](#)

Connector 311: [Speaker - Rear Subwoofer \(UQA\)](#)
Connector 312: [Speaker - Rear Subwoofer \(UQS\)](#)
Connector 313: [Speaker - Right Front \(UQA\)](#)
Connector 314: [Speaker - Right Front \(UQS\)](#)
Connector 315: [Speaker - Right Front Door](#)
Connector 316: [Speaker - Right Rear](#)
Connector 317: [Speaker - Right Rear Compartment \(UQS\)](#)
Connector 318: [Starter Motor X1](#)
Connector 319: [Starter Motor X2](#)
Connector 320: [Steering Wheel/Column Tilt/Telescope Actuator X1 \(A45 and N38\)](#)
Connector 321: [Steering Wheel/Column Tilt/Telescope Actuator X2 \(A45 and N38\)](#)
Connector 322: [Steering Wheel/Column Tilt/Telescope Switch \(N38\)](#)
Connector 323: [Steering Wheel Control Switch - Left](#)
Connector 324: [Steering Wheel Control Switch - Right](#)
Connector 325: [Steering Wheel Position Sensor](#)
Connector 326: [Sunload Sensor](#)
Connector 327: [Sunroof Control Module \(C3U\)](#)
Connector 328: [Sunroof Shade Module \(C3U\)](#)
Connector 329: [Sunroof Shade Switch \(C3U\)](#)
Connector 330: [Sunroof Switch \(C3U\)](#)
Connector 331: [Sunshade - Left](#)
Connector 332: [Sunshade - Right](#)
Connector 333: [Suspension Position Sensor - Left Front \(F55\)](#)
Connector 334: [Suspension Position Sensor - Left Rear \(F55\)](#)
Connector 335: [Suspension Position Sensor - Right Front \(F55\)](#)
Connector 336: [Suspension Position Sensor - Right Rear \(F55\)](#)
Connector 337: [Tail Lamp - Left \(T90\)](#)
Connector 338: [Tail Lamp - Left \(without T90\)](#)
Connector 339: [Tail Lamp - Right \(T90\)](#)
Connector 340: [Tail Lamp - Right \(without T90\)](#)
Connector 341: [Television Antenna Module X1 \(U2X/U2Y\)](#)
Connector 342: [Theft Deterrent Alarm Siren \(UA2\)](#)
Connector 343: [Theft Deterrent Module \(without UHA/UHF\)](#)
Connector 344: [Throttle Body](#)
Connector 345: [Tire Pressure Module \(UH3\)](#)
Connector 346: [Tire Pressure Receiver - Left Front \(UH3\)](#)
Connector 347: [Tire Pressure Receiver - Left Rear \(UH3\)](#)
Connector 348: [Tire Pressure Receiver - Right Front \(UH3\)](#)
Connector 349: [Tire Pressure Receiver - Right Rear \(UH3\)](#)
Connector 350: [Transfer Case Clutch Coil X1 \(MX7\)](#)
Connector 351: [Transfer Case Clutch Coil X2 \(MX7\)](#)
Connector 352: [Transfer Case Fluid Temperature Sensor \(MX7\)](#)
Connector 353: [Transfer Case Shift Control Module X1 \(MX7\)](#)
Connector 354: [Transfer Case Shift Control Module X2 \(MX7\)](#)
Connector 355: [Turn Signal Lamp - Left Front](#)

Connector 356: [Turn Signal Lamp - Right Front](#)
Connector 357: [Turn Signal/Multifunction Switch X1](#)
Connector 358: [Turn Signal/Multifunction Switch X2](#)
Connector 359: [Variable Effort Steering Actuator \(MX7\)](#)
Connector 360: [Vehicle Communication Interface Module \(VCIM\) X1 \(UE1\)](#)
Connector 361: [Vehicle Communication Interface Module \(VCIM\) X2 \(UE1\)](#)
Connector 362: [Vehicle Communication Interface Module \(VCIM\) X3 \(UE1\)](#)
Connector 363: [Vehicle Inclination Sensor \(UA2\)](#)
Connector 364: [Vehicle Speed Sensor \(VSS\) \(MV7\)](#)
Connector 365: [Wheel Speed Sensor \(WSS\) - Left Front](#)
Connector 366: [Wheel Speed Sensor \(WSS\) - Left Rear](#)
Connector 367: [Wheel Speed Sensor \(WSS\) - Right Front](#)
Connector 368: [Wheel Speed Sensor \(WSS\) - Right Rear](#)
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Connector 370: [Window Motor - Left Rear](#)
Connector 371: [Window Motor - Passenger](#)
Connector 372: [Window Motor - Right Rear](#)
Connector 373: [Window Switch - Left Rear](#)
Connector 374: [Window Switch - Right Rear](#)
Connector 375: [Windshield Outside Moisture Sensor \(CE1\)](#)
Connector 376: [Windshield Washer Fluid Level Switch](#)
Connector 377: [Windshield Washer Fluid Pump](#)
Connector 378: [Windshield Washer Solvent Heater X1 \(XA7\)](#)
Connector 379: [Windshield Washer Solvent Heater X2 \(XA7\)](#)
Connector 380: [Windshield Wiper/Washer Switch](#)
Connector 381: [Windshield Wiper Motor](#)
Connector 382: [Yaw Rate and Lateral Acceleration Sensor](#)

A/C Compressor Clutch



Connector Part Information

- OEM: 7282-5548-30
- Service: 88953303
- Description: 2-Way M YESC Weather Pack Series Sealed (BK)

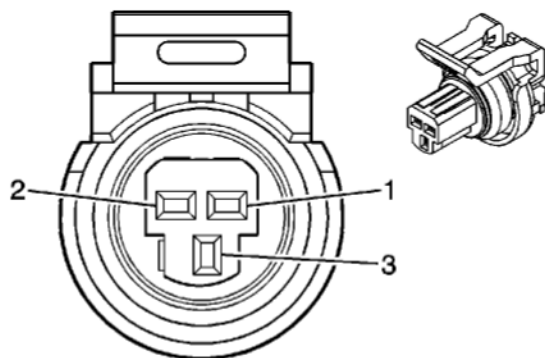
Terminal Part Information

- Terminal/Tray: 7114-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-3 (GY)

A/C Compressor Clutch

Pin	Wire	Circuit	Function
1	0.5 D-GN	59	A/C Compressor Clutch Supply Voltage
2	0.5 BK	1550	Ground

A/C Refrigerant Pressure Sensor



Connector Part Information

- OEM: 13532244
- Service: 88988301
- Description: 3-Way F GT 150 Sealed (BK)

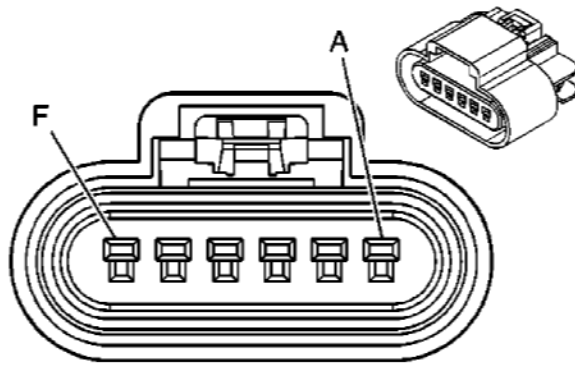
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

A/C Refrigerant Pressure Sensor

Pin	Wire	Circuit	Function
1	0.5 TN	5514	Low Reference
2	0.5 GY	2700	5-Volt Reference 3
3	0.5 OG/BK	380	A/C Refrigerant Pressure Sensor Signal

Accelerator Pedal Position (APP) Sensor



Connector Part Information

- OEM: 15326829
- Service: See Catalog
- Description: 6-Way F (BK)

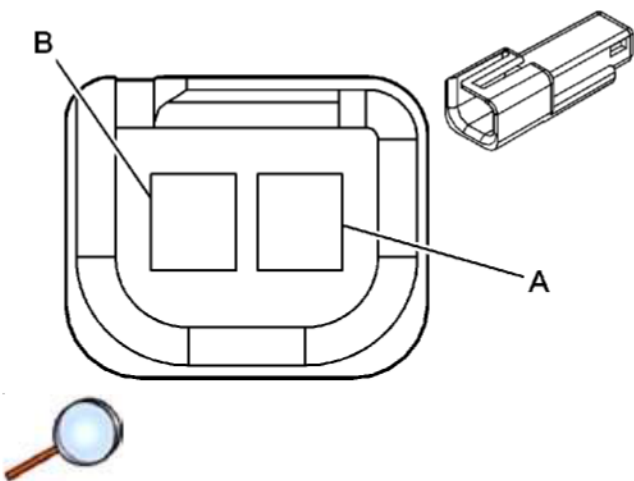
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Accelerator Pedal Position (APP) Sensor

Pin	Wire	Circuit	Function
A	0.35 PU	1272	Low Reference
B	0.35 L-BU	1162	APP Sensor 2 Signal
C	0.35 TN	1274	5-Volt Reference 3
D	0.35 BN	1271	Low Reference
E	0.35 D-BU	1161	APP Sensor 1 Signal
F	0.35 WH/BK	1164	5-Volt Reference 2

Accent Lamp - Driver Door (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

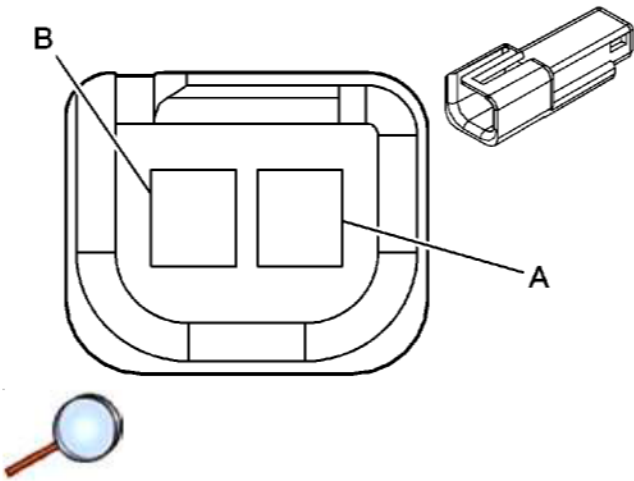
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Driver Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Driver Door Handle (TSQ)



Connector Part Information

- OEM: 12047663

- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

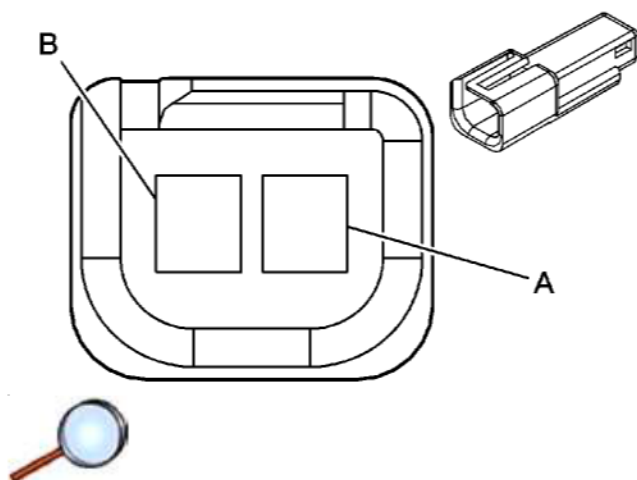
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Driver Door Handle (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Left I / P (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

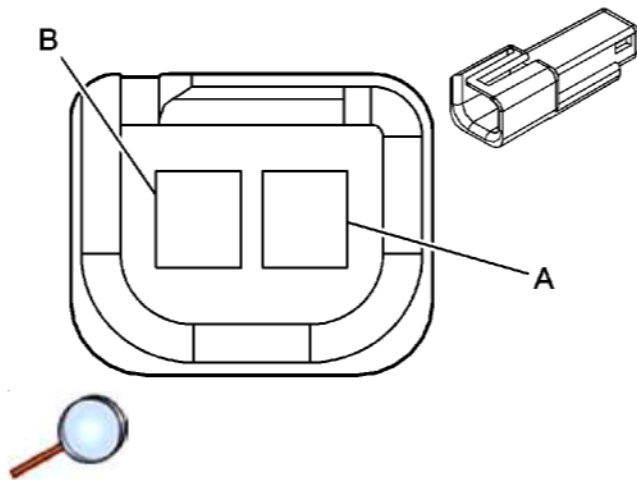
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Left I / P (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Left Rear Door (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

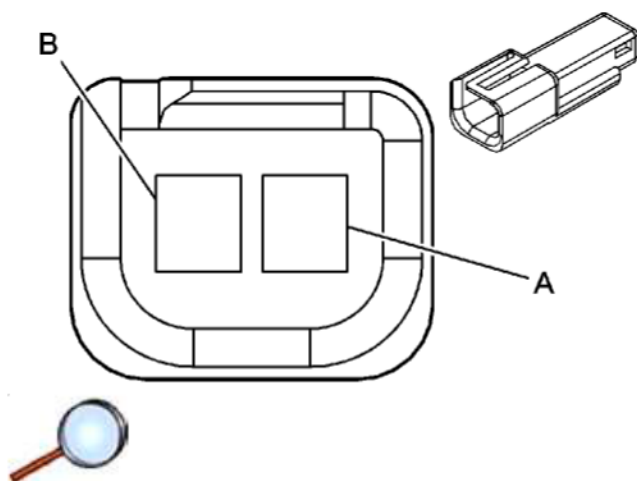
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Left Rear Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Left Rear Door Handle (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

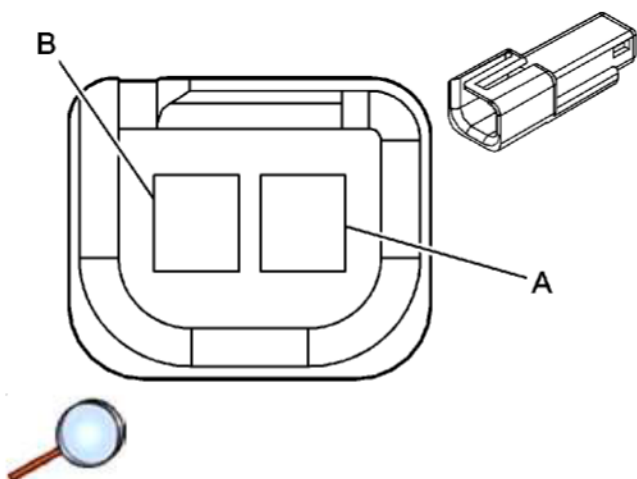
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Left Rear Door Handle (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Lower Left I/P (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

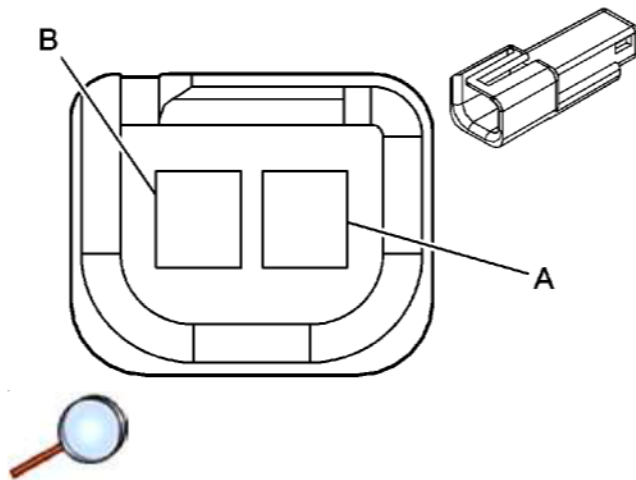
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Lower Left I/P (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	350	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Lower Right I/P (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

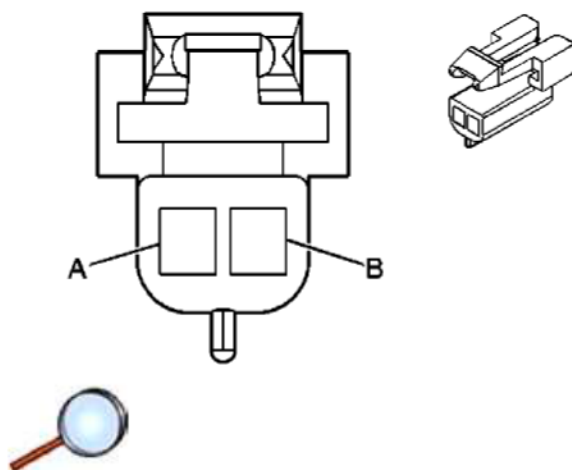
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Lower Right I/P (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Overhead Console (TSQ)



Connector Part Information

- OEM: 12052832
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

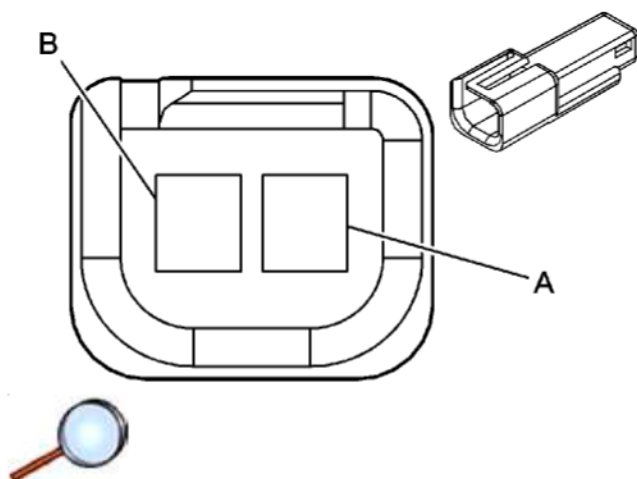
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Overhead Console (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	1050	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Passenger Door (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

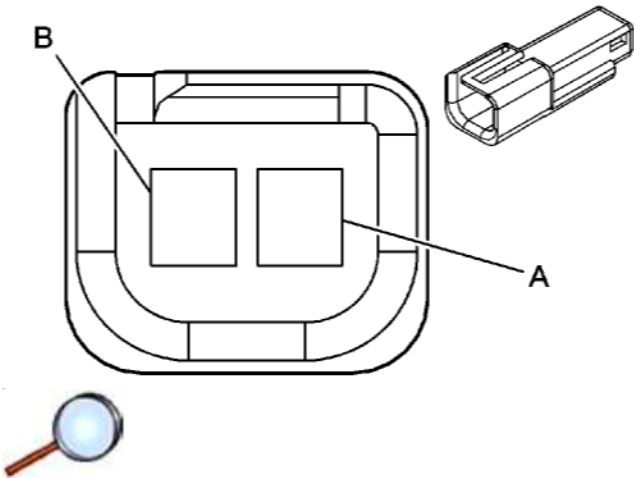
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Passenger Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Passenger Door Handle (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

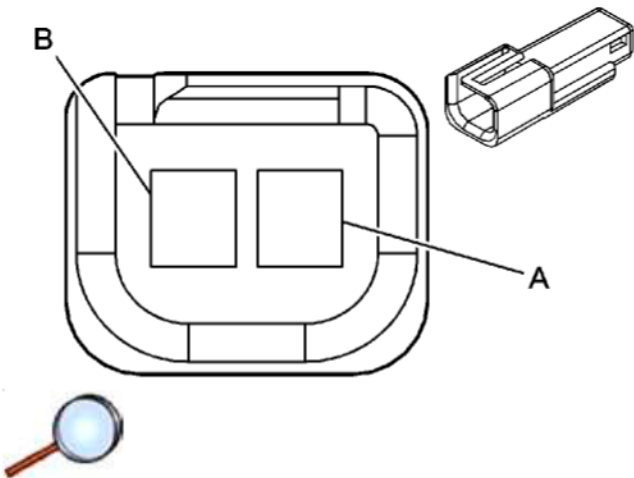
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Passenger Door Handle (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Right I / P (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

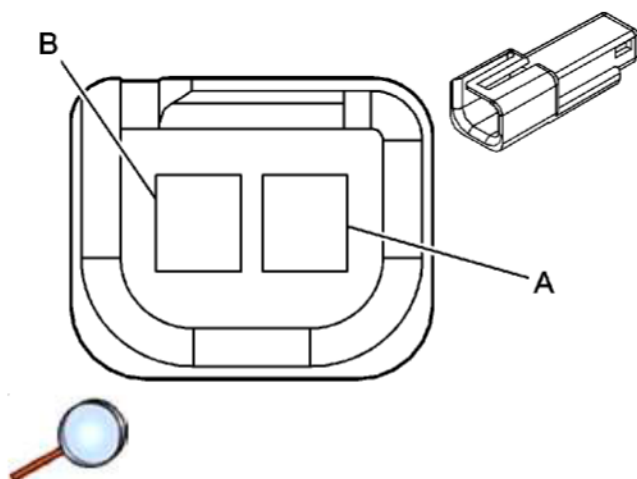
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Right I/P (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Right Rear Door (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

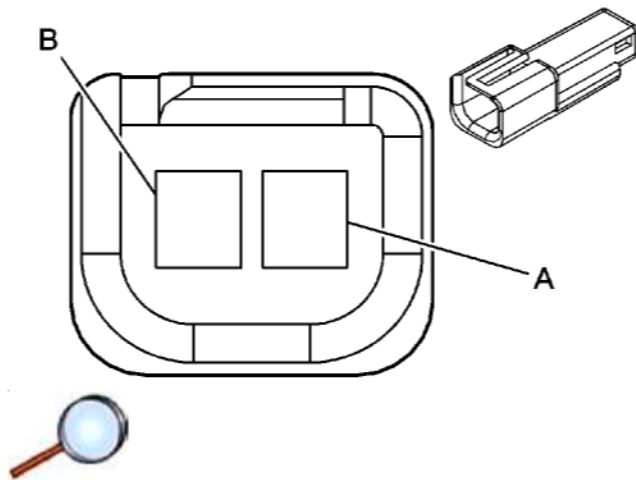
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Right Rear Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accent Lamp - Right Rear Door Handle (TSQ)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (BK)

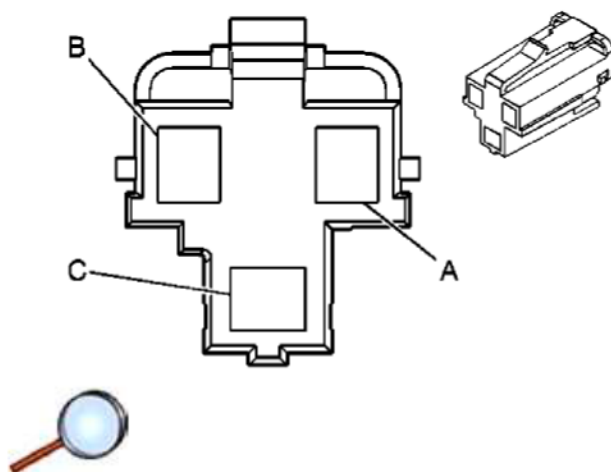
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Accent Lamp - Right Rear Door Handle (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	450	Ground
B	0.35 WH	901	IC 2 Control

Accessory Power Outlet - Center Console



Connector Part Information

- OEM: 12176446
- Service: See Catalog
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

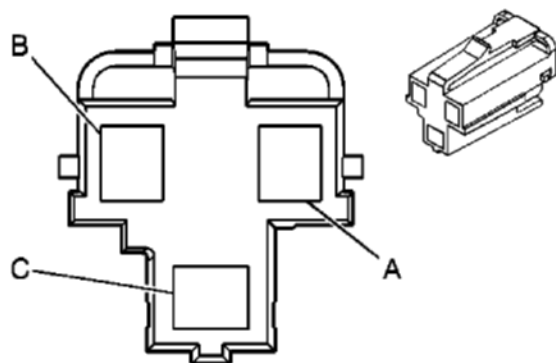
Terminal Part Information

- Pins: A, C
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Accessory Power Outlet - Center Console

Pin	Wire	Circuit	Function
A	1 RD/WH	4140	Battery Positive Voltage
B	--	--	Not Used
C	1 BK	450	Ground

Accessory Power Outlet - Rear



Connector Part Information

- OEM: 12176446
- Service: See Catalog
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

Terminal Part Information

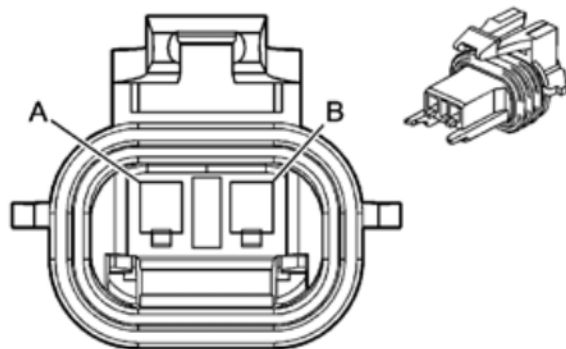
- Pins: A, C
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Accessory Power Outlet - Rear

Pin	Wire	Circuit	Function
A	1 RD/WH	4140	Battery Positive Voltage

B	--	--	Not Used
C	1 BK	450	Ground

Active Hood Hinge Actuator - Left (B3T)



Connector Part Information

- OEM: 12191468
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Sealed (YE)

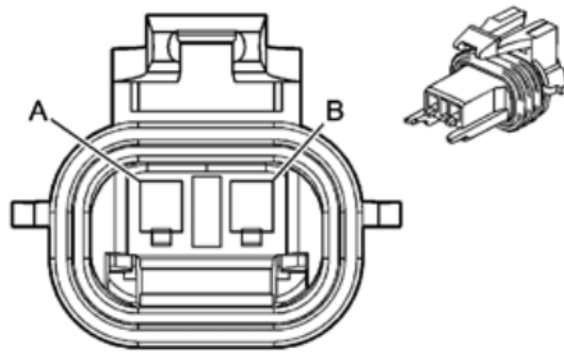
Terminal Part Information

- Terminal/Tray: 12160223/3
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Active Hood Hinge Actuator - Left (B3T)

Pin	Wire	Circuit	Function
A	0.35 WH	7492	Hood Actuator Hood High Reference
B	0.35 PU	7491	Hood Actuator Hood Low Reference

Active Hood Hinge Actuator - Right (B3T)



Connector Part Information

- OEM: 12191468
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Sealed (YE)

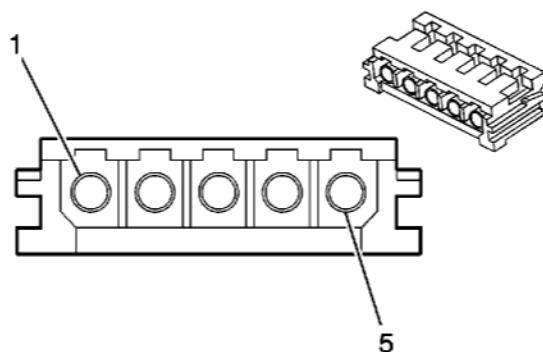
Terminal Part Information

- Terminal/Tray: 12160223/3
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Active Hood Hinge Actuator - Right (B3T)

Pin	Wire	Circuit	Function
A	0.35 PK	7490	Hood Actuator Hood High Reference
B	0.35 OG	7489	Actuator Hood Low Reference

Adaptive Forward Lighting (AFL) Motor - Left (TT6 / TT7 / TT8)



Connector Part Information

- OEM: EHR-5

- Service: See Catalog
- Description: 5-Way F (WH)

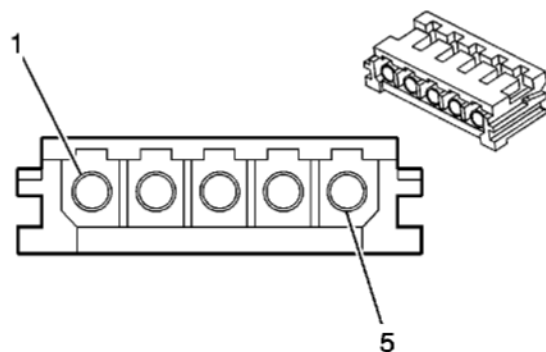
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Adaptive Forward Lighting (AFL) Motor - Left (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 BK	7129	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 1 (without TR7)
2	0.35 BK	7131	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 3 (without TR7)
3	0.35 BK	7130	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 2 (without TR7)
4	0.35 BK	7132	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 4 (without TR7)
5	0.35 BK	813	Drain Wire

Adaptive Forward Lighting (AFL) Motor - Right (TT6 / TT7 / TT8)



Connector Part Information

- OEM: EHR-5
- Service: See Catalog
- Description: 5-Way F (WH)

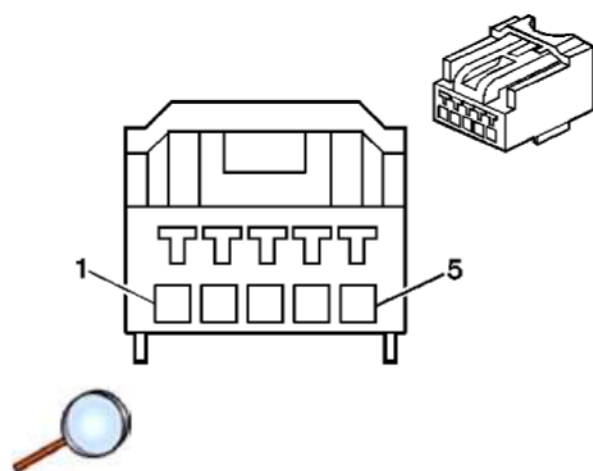
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Adaptive Forward Lighting (AFL) Motor - Right (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 BK	7133	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 1 (without TR7)
2	0.35 BK	7135	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 3 (without TR7)
3	0.35 BK	7134	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 2 (without TR7)
4	0.35 BK	7136	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 4 (without TR7)
5	0.35 BK	814	Steering Wheel Module Force - High Control

Air Temperature Actuator - Left



Connector Part Information

- OEM: 7283-5830
- Service: See Catalog
- Description: 5-Way F (NA)

Terminal Part Information

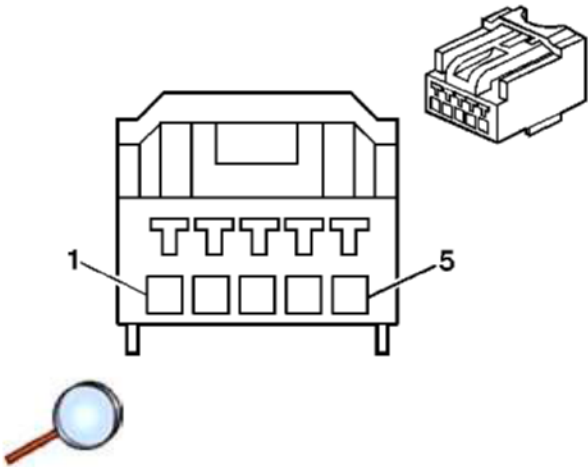
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Air Temperature Actuator - Left

Pin	Wire	Circuit	Function
1	0.35 YE	61	Low Reference
2	0.35 GY	605	5-Volt Reference 3
3	0.35 L-BU	733	Air Temperature Door Position Signal
4	0.35 D-BU/WH	1199	Air Temperature Door Control

5	0.35 YE/RD	1791	Low Reference
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Air Temperature Actuator - Right



Connector Part Information

- OEM: 7283-5830
- Service: See Catalog
- Description: 5-Way F (NA)

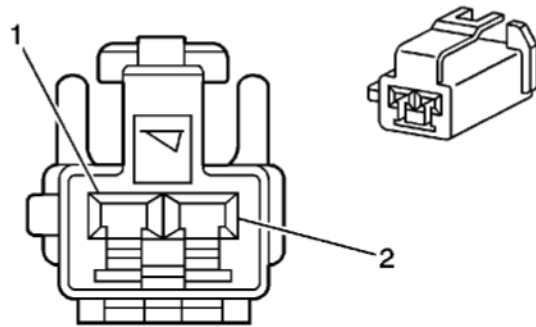
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Air Temperature Actuator - Right

Pin	Wire	Circuit	Function
1	0.35 GY	605	5-Volt Reference 3
2	0.35 YE	61	Low Reference
3	0.35 D-BU	1646	Auxiliary Air Temperature Door Position Signal
4	0.35 WH/BK	1236	Auxiliary Air Temperature Door Control
5	0.35 GY/BK	2778	Right Air Temperature Door Control A

Air Temperature Sensor - Inside



Connector Part Information

- OEM: 7283-6160
- Service: 88953305
- Description: 2-Way F 090 Series (NA)

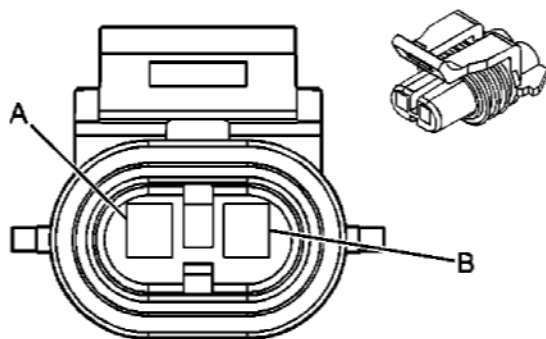
Terminal Part Information

- Terminal/Tray: 7116-4020/11
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-18 (BK)

Air Temperature Sensor - Inside

Pin	Wire	Circuit	Function
1	0.35 D-GN	734	Inside Air Temperature Sensor Signal
2	0.35 YE	61	Low Reference

Ambient Air Temperature Sensor



Connector Part Information

- OEM: 13543521

- Service: 12101856
- Description: 2-Way F Metri-Pack 150 Series Sealed (BK)

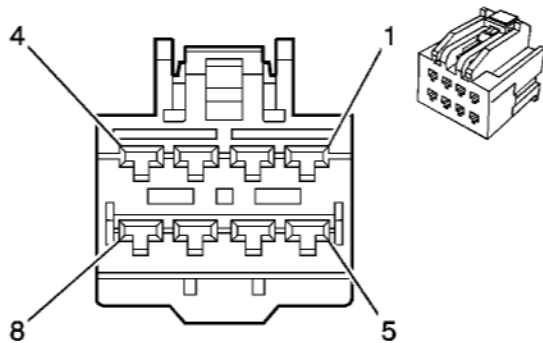
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Ambient Air Temperature Sensor

Pin	Wire	Circuit	Function
A	0.35 L-GN/BK	735	Ambient Air Temperature Sensor Signal
B	0.35 YE	61	Low Reference

Audio Amplifier X1 (UQA / UQS)



Connector Part Information

- OEM: 6098-4798
- Service: 19115652
- Description: 8-Way F 2.8 Series (GY)

Terminal Part Information

- Pins: 1-3, 5, 7
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

- Pins: 5, 6,
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

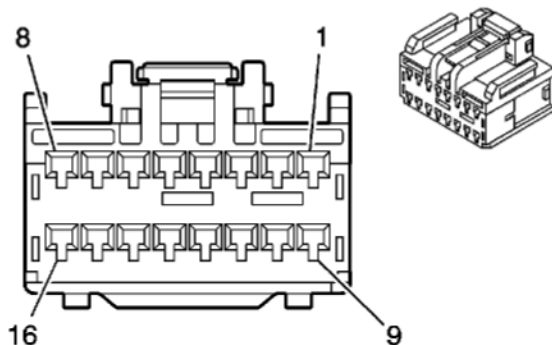
- Pins: 3, 4, 7, 8
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: Pins 3, 7 - 4/4

- Core/Insulation Crimp: Pins 4, 8 - F/D
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

Audio Amplifier X1 (UQA / UQS)

Pin	Wire	Circuit	Function
1	1 TN	201	Left Front Speaker Output (+) (UQS)
	0.8 GY	118	Left Front Speaker Output (-) (UQA)
2	1 GY	118	Left Front Speaker Output (-) (UQS)
3	1 D-GN	117	Right Front Speaker Output (-) (UQS)
	1 L-GN	1794	Rear Subwoofer Speaker Output (-) (UQA)
4	3 RD	1042	Battery Positive Voltage
5	0.8 TN	201	Left Front Speaker Output (+) (UQA)
	2 D-BU/WH	346	Left Rear Subwoofer Speaker Output (+) (UQS)
6	0.5 L-GN/BK	1794	Left Rear Subwoofer Speaker Output (-) (UQS)
7	2 D-BU/WH	346	Left Rear Subwoofer Speaker Output (+) (UQA)
	1 L-GN	200	Right Front Speaker Output (+) (UQS)
8	3 BK	850	Ground

Audio Amplifier X2 (UQA / UQS)



Connector Part Information

- OEM: 6098-4611
- Service: 15134091
- Description: 16-Way F 1.5 Series (BK)

Terminal Part Information

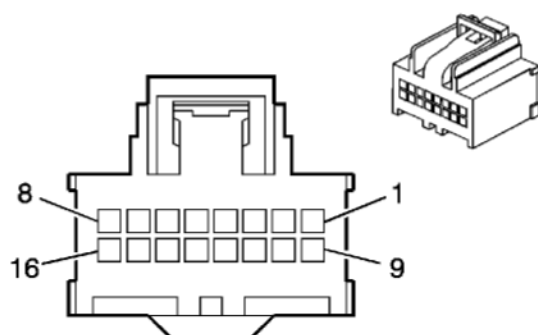
- Pins: 1-8, 15, 16
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

- Pins: 7, 8
- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Audio Amplifier X2 (UQA / UQS)

Pin	Wire	Circuit	Function
1	0.5 L-BU	115	Right Rear Speaker Output (-) (UQA)
	0.35 D-GN	5060	Low Speed GMLAN Serial Data (UQS)
2	0.5 D-BU	46	Right Rear Speaker Output (+) (UQA)
	0.5 OG	1955	Right Rear Midrange Speaker Output (-) (UQS)
3	0.5 L-BU	1960	Front Center Speaker Output (-) (UQA)
	0.5 TN	1855	Right Rear Midrange Speaker Output (+) (UQS)
4	0.5 TN	1856	Left Front Speaker Output (+) (UQS)
	0.5 YE	1860	Front Center Speaker Output (+) (UQA)
5	0.5 YE	1956	Left Front Speaker Output (-) (UQS)
6	0.5 PU	1952	Right Front Speaker Output (-) (UQS)
7	0.5 L-GN	1852	Right Front Speaker Output (+) (UQS)
	0.8 D-GN	117	Right Front Speaker Output (-) (UQA)
8	0.8 L-GN	200	Right Front Speaker Output (+) (UQA)
	0.5 YE	116	Left Rear Speaker Output (-) (UQS)
9	--	--	Not Used
10	0.5 WH	1959	Left Rear Midrange Speaker Output (-) (UQS)
11	0.5 TN	1859	Left Rear Midrange Speaker Output (+) (UQS)
12	0.5 L-BU	1960	Front Center Speaker Output (-) (UQS)
13	0.5 YE	1860	Front Center Speaker Output (+) (UQS)
14	0.5 L-BU	115	Right Rear Speaker Output (-) (UQS)
15	0.5 BN	199	Left Rear Speaker Output (+) (UQA)
	0.5 D-BU	46	Right Rear Speaker Output (+) (UQS)
16	0.5 YE	116	Left Rear Speaker Output (-) (UQA)
	0.5 BN	199	Left Rear Speaker Output (+) (UQS)

Audio Amplifier X3 (UQA / UQS)(LHD)



Connector Part Information

- OEM: 7283-9076-30
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BK)

Terminal Part Information

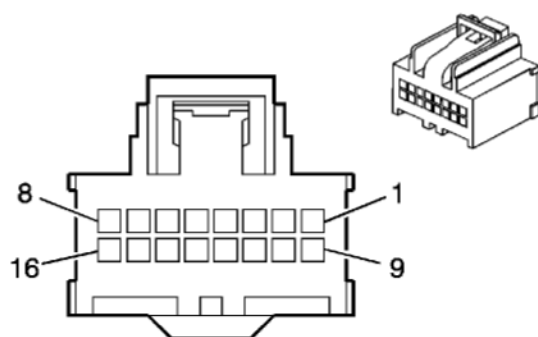
- Pins: 3-8, 11-15
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Audio Amplifier X3 (UQA / UQS) (LHD)

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.35 L-GN/WH	512	Right Front Low Level Audio Signal (+) (UQS)
4	0.35 L-GN	1948	Right Front Low Level Audio Signal (-) (UQS)
	0.35 BK/TN	1946	Right Rear Low Level Audio Signal (-) (UQA)
5	0.35 WH	5343	Navigation Audio Signal (-) (UQS and UAV/U2X/U2Y)
	0.35 BN	1999	Left Rear Low Level Audio Signal (-) (UQA)
6	0.35 L-GN	1948	Right Front Low Level Audio Signal (-) (UQA)
	0.35 BARE	1489	Drain Wire (UQS)
7	0.35 D-GN	1947	Left Front Low Level Audio Signal (-) (UQA)
8	0.35 WH	7066	Entertainment Remote Enable Signal (UQA)
9-10	--	--	Not Used
11	0.35 TN	511	Left Front Low Level Audio Signal (+) (UQS)
	0.35 OG	6798	Radio Audio Mute Signal (UQA)
12	0.35 D-BU	546	Right Rear Low Level Audio Signal (+) (UQA)
	0.35 D-GN	1947	Left Front Low Level Audio Signal (-) (UQS)
13	0.35 YE	5342	Navigation Audio Signal (+) (UQS and UAV/U2X/U2Y)
	0.35 BN/WH	599	Left Rear Low Level Audio Signal (+) (UQA)
	0.35 D-GN	1488	Noise Compensation Microphone Supply Voltage (UQS)

14	0.35 L-GN/WH	512	Right Front Low Level Audio Signal (+) (UQA)
15	0.35 OG	5748	Radio Audio Mute Signal (UQS)
	0.35 TN/BK	511	Left Front Low Level Audio Signal (+) (UQA)
16	--	--	Not Used

Audio Amplifier X3 (UQA / UQS)(RHD)



Connector Part Information

- OEM: 7283-9076-30
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BK)

Terminal Part Information

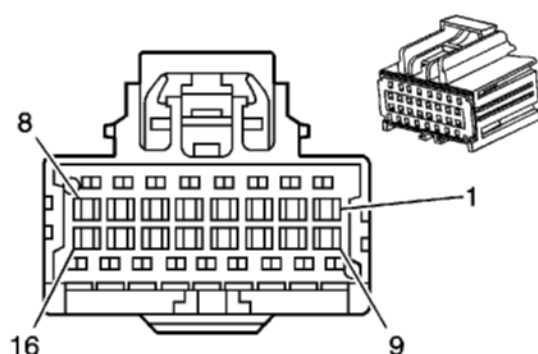
- Pins: 3-8, 11-15
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Audio Amplifier X3 (UQA / UQS)(RHD)

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.35 L-GN	512	Right Front Low Level Audio Signal (+) (UQS)
4	0.35 L-GN	1948	Right Front Low Level Audio Signal (-) (UQS)
	0.35 BN	1999	Left Rear Low Level Audio Signal (-) (UQA)
5	0.35 WH	5343	Navigation Audio Signal (-) (UQS and UAV/U2X/U2Y)
	0.35 TN	1946	Right Rear Low Level Audio Signal (-) (UQA)
6	0.35 D-GN	1947	Left Front Low Level Audio Signal (-) (UQA)
	0.35 BARE	1489	Drain Wire (UQS)
7	0.35 L-GN	1948	Right Front Low Level Audio Signal (-) (UQA)
8	0.35 WH	7066	Entertainment Remote Enable Signal (UQA)

9-10	--	--	Not Used
11	0.35 TN	511	Left Front Low Level Audio Signal (+) (UQS)
	0.35 OG	5748	Radio Audio Mute Signal (UQA)
12	0.35 BN/WH	599	Left Rear Low Level Audio Signal (+) (UQA)
	0.35 D-GN	1947	Left Front Low Level Audio Signal (-) (UQS)
13	0.35 YE	5342	Navigation Audio Signal (+) (UQS and UAV/U2X/U2Y)
	0.35 D-BU	546	Right Rear Low Level Audio Signal (+) (UQA)
14	0.35 D-GN	1488	Noise Compensation Microphone Supply Voltage (UQS)
	0.35 TN.BK	511	Left Front Low Level Audio Signal (+) (UQA)
15	0.35 OG	5748	Radio Audio Mute Signal (UQS)
	0.35 L-GN/WH	512	Right Front Low Level Audio Signal (+) (UQA)
16	--	--	Not Used

Audio Amplifier X4 (UQS)



Connector Part Information

- OEM: 7283-9078-80
- Service: 15136074
- Description: 16-Way F Kaizen 0.64 Series (BN)

Terminal Part Information

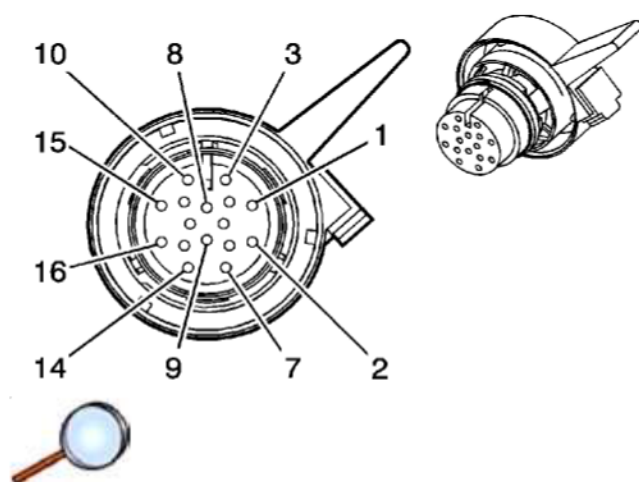
- Pins: 3-6, 11-14
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Audio Amplifier X4 (UQS)

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.35 D-BU	546	Right Rear Low Level Audio Signal (+)

4	0.35 TN	1946	Right Rear Low Level Audio Signal (-)
5	0.35 WH	6763	Subwoofer Low Level Audio Signal (+)
6	0.35 PK	6762	Subwoofer Low Level Audio Signal (-)
7-10	--	--	Not Used
11	0.35 BN/WH	599	Left Rear Low Level Audio Signal (+)
12	0.35 BN	1999	Left Rear Low Level Audio Signal (-)
13	0.35 D-BU	6760	Center Channel Low Level Audio Signal (+)
14	0.35 OG	6761	Center Channel Low Level Audio Signal (-)
15-16	--	--	Not Used

Automatic Transmission (MYB)



Connector Part Information

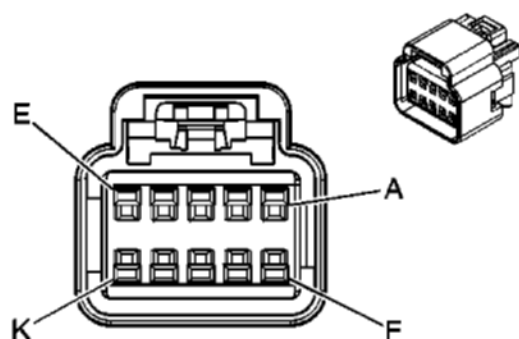
- OEM: 15131300
- Service: See Catalog
- Description: 16-Way F Sealed (BK)

Terminal Part Information

- Pins: 4, 12
- Terminal/Tray: 1928498135/19
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)
- Pins: 6, 9
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 1, 3-6, 9-14,
- Terminal/Tray: 2 2124 472200
- Core/Insulation Crimp: Pins 3-5, 10-14 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 5, 6, 9 - E/1
- Release Tool/Test Probe: See Terminal Repair Kit

Automatic Transmission (MYB)

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.5 OG/BK	1786	Ignition Lock Cylinder Control Actuator Signal
4	0.8 RD/WH	440	Battery Positive Voltage
5	0.8 BK/WH	1551	Ground
6	0.35 WH	17	Stop Lamp Switch Signal or Stop Lamp Supply Voltage
7-8	--	--	Not Used
9	0.35 D-BU	5985	Accessory Wakeup Serial Data
10	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
11	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
12	0.5 PK	339	Ignition 1 Voltage
13	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
14	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
15-16	--	--	Not Used

Automatic Transmission Shift Lever (MYB/MYD)**Connector Part Information**

- OEM: 15332153
- Service: See Catalog
- Description: 10-Way F GT 150 Series (BK)

Terminal Part Information

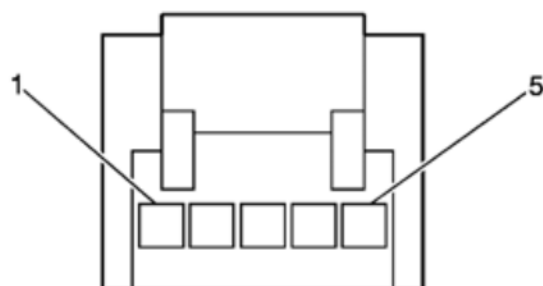
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Automatic Transmission Shift Lever (MYB/MYD)

--	--	--	--

Pin	Wire	Circuit	Function
A-C	--	--	Not Used
D	0.35 PU	1375	Remote Radio Control Supply Voltage
E	0.35 D-GN/WH	1135	Automatic Transmission Shift Lock Control Solenoid Supply Voltage
F	0.35 PU/WH	1630	Steering Column Key Cylinder Lock Solenoid Control
G	--	--	Not Used
H	0.35 PU	5526	Tap Up/Tap Down Switch Signal
J	--	--	Not Used
K	0.35 BK	350	Ground

Auxiliary Audio Jack (UQA)



Connector Part Information

- OEM: X30583-A518
- Service: See Catalog
- Description: 10-Way M (BK)

Terminal Part Information

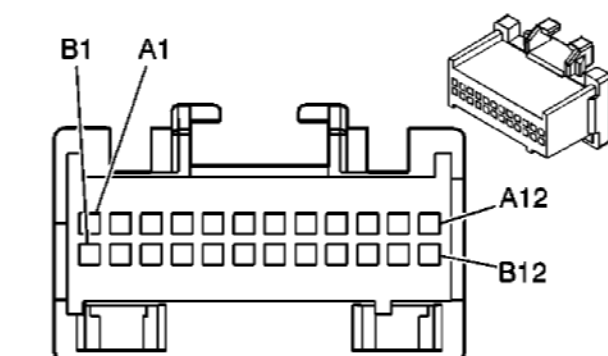
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Auxiliary Audio Jack (UQA)

Pin	Wire	Circuit	Function
Z1	.35 YE	6817	LED Backlight Dimming Control
Z2-Z3	--	--	Not Used
Z4	0.35 BARE	5842	Auxiliary Audio Screen
Z5	0.35 D-BU	5843	Auxiliary Audio Common Signal
Z6	0.35 L-GN	5839	Left Auxiliary Audio Signal

Z7	0.35 D-GN/WH	5841	Right Auxiliary Audio Signal
Z8	0.35 PK	2060	Auxiliary Detection Signal
Z9-Z10	--	--	Not Used

Auxiliary Body Control Module (XBCM) X1 (UA2)



Connector Part Information

- OEM: 12110088
- Service: See Catalog
- Description: 24-Way F Micro-Pack 100 Series (GY)

Terminal Part Information

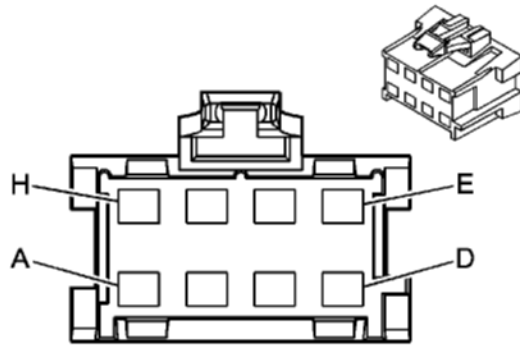
- Pins: A2, A3, A7, B4, B10
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

Auxiliary Body Control Module (XBCM) X1 (UA2)

Pin	Wire	Circuit	Function
A1	--	--	Not Used
A2	0.35 RD/WH	4540	Battery Positive Voltage
A3	0.35 D-GN	5060	Low Speed GMLAN Serial Data
A4-A6	--	--	Not Used
A7	0.35 BK	850	Ground
A8-A12	--	--	Not Used
B1-B3	--	--	Not Used
B4	0.35 TN/BK	5168	Power Sounder Enable Signal
B5-B8	--	--	Not Used
B9	0.35 GY	728	Security Indicator Control
B10	0.35 L-BU	5362	Inclination Sensor Signal

B11-B12	--	--	Not Used
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Auxiliary Body Control Module (XBCM) X2 (UA2)



Connector Part Information

- OEM: 15357040
- Service: See Catalog
- Description: 8-Way F Metri-Pack 280 (L-GY)

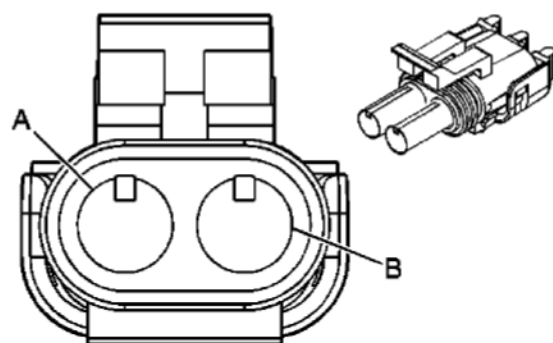
Terminal Part Information

- Pins: C, D, F
- Terminal/Tray: 12110842/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Body Control Module (XBCM) X2 (UA2)

Pin	Wire	Circuit	Function
A-B	--	--	Not Used
C	1 GY	5133	Left Rear Passenger Door Lock Actuator Deadbolt Control
D	1 GY	295	Door Lock Actuator Lock Control
E	--	--	Not Used
F	1 GY	295	Door Lock Actuator Lock Control
G-H	--	--	Not Used

Backup Lamp Switch (MV7)



Connector Part Information

- OEM: 12103584
- Service: See Catalog
- Description: 2-Way M Weather Pack Series (BK)

Terminal Part Information

- Terminal/Tray: 12089040/3
- Core/Insulation Crimp: Pins A, B - See Terminal Repair Kit
- Core/Insulation Crimp: Pins B - E/5
- Release Tool/Test Probe: 12014012-1/J-35616-9 (OG)

Backup Lamp Switch (MV7)

Pin	Wire	Circuit	Function
A	0.35 L-GN	5007	Backup Lamp Switch Signal
B	0.8 BK/WH	1551	Ground

Battery (-)

Terminal Part Information

- Terminal: R61014-002
- Core/Insulation Crimp: N/A
- Description: Battery Terminal

Battery (-)

Pin	Wire	Circuit	Function
-	32 BK	50	Ground

Battery (+)

Terminal Part Information

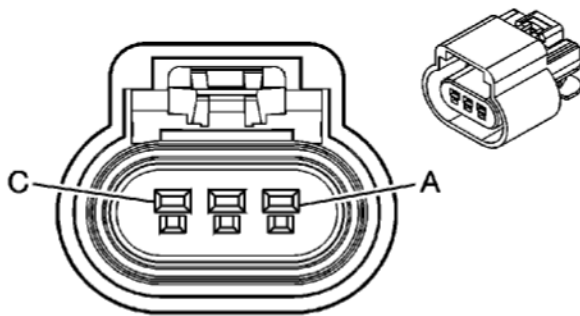
- Terminal: R3311-033

- Core/Insulation Crimp: N/A
- Description: Battery Terminal

Battery (+)

Pin	Wire	Circuit	Function
+	50 RD	1	Battery Positive Voltage
	5 RD	1	Battery Positive Voltage
	5 RD	1	Battery Positive Voltage
	5 RD	1	Battery Positive Voltage

Battery Current Sensor



Connector Part Information

- OEM: 15326808
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

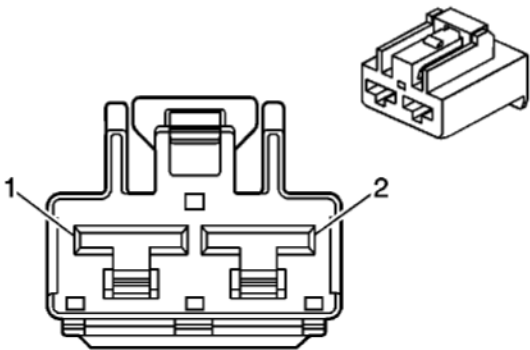
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Battery Current Sensor

Pin	Wire	Circuit	Function
A	0.35 PK	5076	Current Sensor Supply Voltage
B	0.35 BN	5077	Current Sensor Low Reference
C	0.35 WH	5075	Current Sensor Signal

Blower Motor



Connector Part Information

- OEM: 6098-1104
- Service: 88988637
- Description: 2-Way F Standard Series (NA)

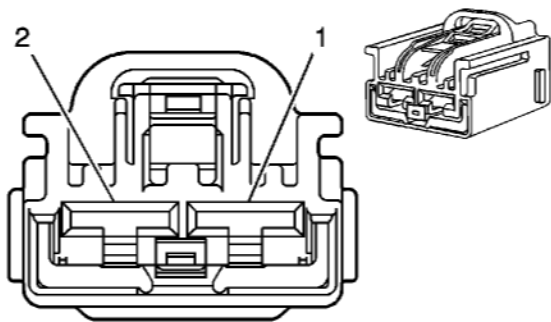
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Blower Motor

Pin	Wire	Circuit	Function
1	3 BK	2150	Ground
2	3 PU	65	Blower Motor Supply Voltage

Blower Motor Control Module X1



Connector Part Information

- OEM: 7283-6458-40

- Service: See Catalog
- Description: 2-Way F Receptacle 6.3 Series (L-GY)

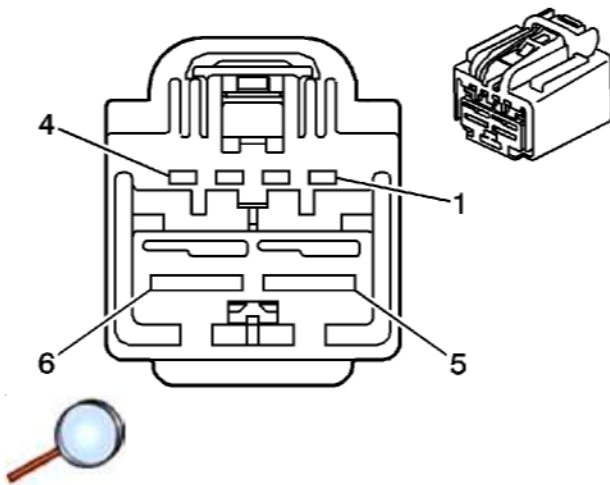
Terminal Part Information

- Terminal/Tray: 7116-4122-02/10
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

Blower Motor Control Module X1

Pin	Wire	Circuit	Function
1	3 PU	65	Blower Motor Supply Voltage
2	3 BK	2150	Ground

Blower Motor Control Module X2



Connector Part Information

- OEM: 7283-9749-30
- Service: See Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

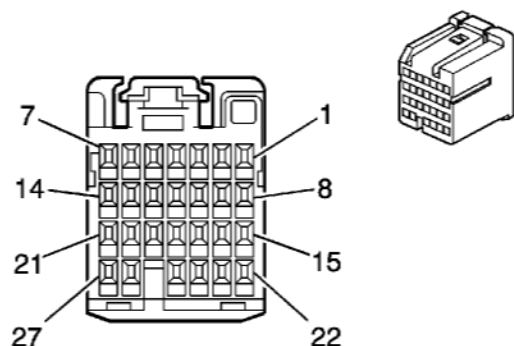
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Blower Motor Control Module X2

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.35 GY/BK	754	Blower Motor Speed Control
4	--	--	Not Used
5	3 BK	450	Ground
6	3 RD/BK	642	Battery Positive Voltage

Body Control Module (BCM) X1



Connector Part Information

- OEM: 15482789
- Service: 88988838
- Description: 27-Way F HIT Series (L-GN)

Terminal Part Information

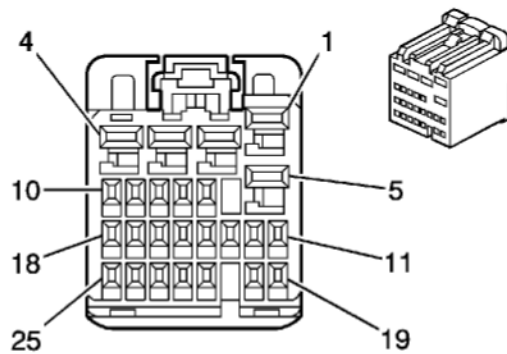
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Body Control Module (BCM) X1

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 WH	1390	Off/Run/Crank Voltage
3	0.35 GY	1884	Cruise Control Switch Signal
4	0.35 WH/BK	1073	5-Volt Reference
5	0.35 L-GN	1715	Windshield Wiper Switch High Signal
6	0.35 D-BU	1796	Steering Wheel Controls Signal
7	.35 YE	1996	Remote Shift Selector Signal
8	0.35 BK/WH	1251	Ground
9	0.35 L-BU	1714	Windshield Wiper Switch Low Signal
10-13	--	--	Not Used
14	0.35 PK	3	Battery Positive Voltage
15	0.35 L-BU/WH	1414	Left Front Turn Signal Switch Signal
16	0.35 D-BU/WH	1415	Right Front Turn Signal Switch Signal
17	0.35 PU	1375	Remote Radio Control Supply Voltage

18	0.35 PU	524	Headlamp Dimmer Switch High Beam Signal
19	0.35 OG	192	Front Fog Lamp Switch Signal (T96)
20	0.35 PU	5526	Tap Up/Tap Down Switch Signal (MYB)
21	0.35 BN	4	Accessory Voltage
22	--	--	Not Used
23	0.35 D-GN	306	Headlamp Switch Headlamps Off Signal
24	0.35 PK	94	Windshield Washer Switch Signal (XA7)
25	0.35 BN	1356	Flash To Pass Switch Signal
26	0.35 PU/WH	5905	Key Capture/Column Lock Shift Position Signal (MYB without UHA/UHF)
27	--	--	Not Used

Body Control Module (BCM) X2



Connector Part Information

- OEM: 15482790
- Service: 88988839
- Description: 25-Way F HIT Series (NA)

Terminal Part Information

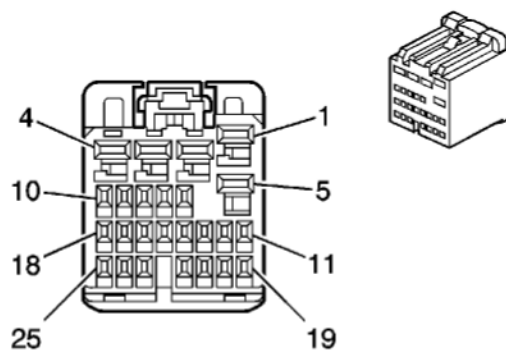
- Pins: 1-3, 5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 8, 10-12, 18, 20-22
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

Body Control Module (BCM) X2

Pin	Wire	Circuit	Function
-----	------	---------	----------

1	0.8 OG	1732	Courtesy Lamps Supply Voltage
2	0.8 RD/WH	1840	Battery Positive Voltage
3	0.8 GY	8	I/P Dimmer Switch Signal
4	--	--	Not Used
5	0.8 GY/BK	690	Courtesy Lamp Relay Control
6-7	--	--	Not Used
8	0.35 BN/WH	301	Rear Park Lamps Supply Voltage/Park Lamp Switch On Signal
9	--	--	Not Used
10	0.35 TN	2144	Hazard Switch Signal
11	0.35 L-GN/BK	1137	DRL Ambient Light Sensor Signal
12	0.35 WH	103	Headlamp Switch Headlamps On Signal or Automatic Headlamp Relay Control
13-17	--	--	Not Used
18	0.35 PK/BK	1597	Courtesy Lamps Switch On Signal
19	--	--	Not Used
20	0.35 PU	5357	Right Tail Lamp Outage Detection Signal
21	0.35 BN/WH	1571	Traction Control Switch Signal
22	0.35 D-GN/WH	1135	Automatic Transmission Shift Lock Control Solenoid Control (MYB)
23-25	--	--	Not Used

Body Control Module (BCM) X3



Connector Part Information

- OEM: 15482791
- Service: 88988840
- Description: 25-Way F HIT Series (L-BU)

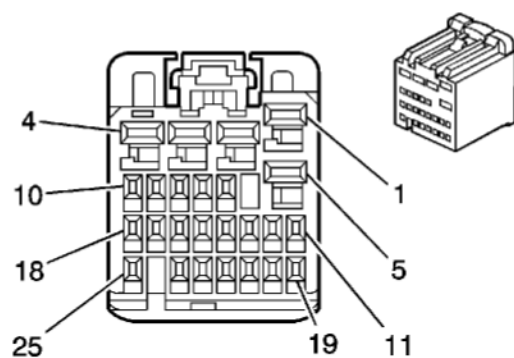
Terminal Part Information

- Pins: 1-3, 5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 7-19, 22, 25
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

Body Control Module (BCM) X3

Pin	Wire	Circuit	Function
1	0.8 BK/WH	651	Ground
2	0.8 RD/WH	1240	Battery Positive Voltage
3	0.8 RD/WH	1140	Battery Positive Voltage
4	--	--	Not Used
5	0.8 BK/WH	651	Ground
6	--	--	Not Used
7	0.35 GY	728	Security Indicator Control (UA2)
8	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
9	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
10	0.35 D-GN	5060	Low Speed GMLAN Serial Data
11	0.35 D-GN	44	Instrument Panel Lamps Dimmer Switch Signal
12	0.35 OG/WH	812	12-Volt Reference or IP Dimming Voltage Reference
13	0.35 L-GN	526	Stop Lamp Switch Signal
14	0.35 TN	552	Low Reference
15	0.35 GY	598	5-Volt Reference 1
16	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
17	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
18	0.35 YE	6817	LED Backlight Dimming Control
19	0.35 L-BU	5986	Serial Data Communication Enable
20-21	--	--	Not Used
22	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
23-24	--	--	Not Used
25	0.35 WH	901	IC 2 Control (TSQ)

Body Control Module (BCM) X4



Connector Part Information

- OEM: 15482792
- Service: 88988841
- Description: 25-Way F HIT Series (BK)

Terminal Part Information

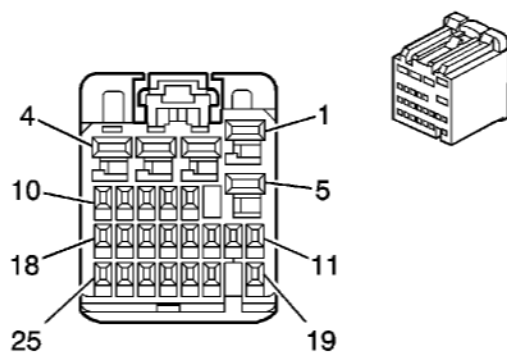
- Pins: 6, 7, 9-11, 14-21, 23, 25
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)
- Pins: 1-5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: Pins 1, 2, 4, 5 - E/A
- Core/Insulation Crimp: Pins 3 - C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Body Control Module (BCM) X4

Pin	Wire	Circuit	Function
1	0.8 RD/WH	1540	Battery Positive Voltage
2	0.8 RD/WH	1340	Battery Positive Voltage
3	0.8 RD/WH	1640	Battery Positive Voltage (LHD)
	0.8 RD/WH	1840	Battery Positive Voltage (RHD)
4	0.8 RD/WH	1440	Battery Positive Voltage
5	0.8 D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage/Right Turn Signal Indicator Lamp Supply Voltage
6	0.35 D-GN	6134	Local Interconnect Network 3
7	0.35 YE	196	Windshield Wiper Motor Park Switch Signal
8	--	--	Not Used
9	0.35 BK/WH	451	Ground
10	0.35 RD/WH	140	Battery Positive Voltage

11	0.35 D-GN/WH	1317	Fog Lamp Relay Control/Front Fog Lamp Relay and Indicator Control (T96)
12-13	--	--	Not Used
14	0.35 L-GN	482	Windshield Outside Moisture Sensor Signal 2 (CE1)
15	0.35 OG	2268	Windshield Washer Relay Control
16	0.35 TN/WH	1969	Headlamp Relay Control/Headlamp High Beam Relay Control
17	0.35 PU	5531	Hood Closed Switch Signal (UHA)
18	0.35 TN	481	Windshield Outside Moisture Sensor Signal 1 (CE1)
19	0.35 D-BU	5985	Accessory Wakeup Serial Data
20	0.35 YE	1977	Rear Fog Lamp Relay Control/Rear Fog Lamp Relay and Indicator Control (T79)
21	0.35 PK	139	Ignition 1 Voltage
22	--	--	Not Used
23	0.35 D-BU	545	DRL Supply Voltage (TT6/TT7/TT8)
24	--	--	Not Used
25	0.35 WH	1080	Park Lamp Relay Control (T90)

Body Control Module (BCM) X5



Connector Part Information

- OEM: 15480179
- Service: 88988837
- Description: 25-Way F HIT Series (BN)

Terminal Part Information

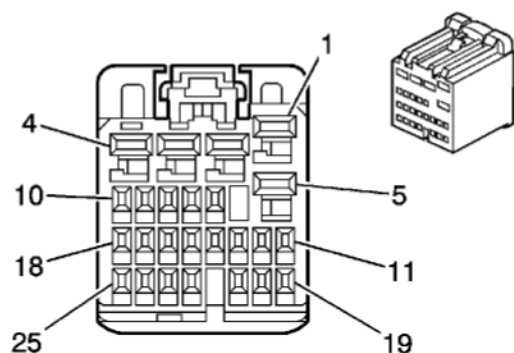
- Pins: 1, 2, 4, 5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

- Pins: 6-11, 13-18, 20, 21, 23, 24
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

Body Control Module (BCM) X5

Pin	Wire	Circuit	Function
1	0.8 YE	18	Left Rear Stop/Turn Lamp Supply Voltage (without T90)
	0.8 L-BU	14	Left Turn Signal Lamps Supply Voltage (T90)
2	0.8 D-BU	15	Right Turn Signal Lamps Supply Voltage (T90)
	0.8 D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage (without T90)
3	--	--	Not Used
4	0.8 L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage/Left Turn Signal Indicator Lamp Supply Voltage
5	0.8 L-BU	1320	CHMSL Supply Voltage/Stop Lamp Supply Voltage
6	0.35 WH	17	Stop Lamp Switch Signal or Stop Lamp Supply Voltage
7	0.35 WH	2282	Headlamp Washer Relay Control (CE4)
8	0.35 PK	5076	Current Sensor Supply Voltage
9	0.35 WH	5075	Current Sensor Signal
10	0.35 BN	5077	Current Sensor Low Reference
11	0.35 D-GN	801	RAP Fuse Supply Voltage (C3U/CE1)
12	--	--	Not Used
13	0.35 OG	300	Ignition 3 Voltage
14	0.35 YE	43	Accessory Voltage
15	0.35 PK/BK	109	Hood Ajar Switch Signal (UHA/UA2)
16	--	--	Not Used
17	0.35 YE	5356	Left Tail Lamp Outage Detection Signal
18	0.35 TN	28	Horn Relay Control
19	--	--	Not Used
20	0.35 GY	91	Windshield Wiper Switch Signal 2
21	0.35 TN	860	Front Windshield Wiper Switch High Signal
22	--	--	Not Used
23	0.35 PK/WH	1970	Headlamp Relay Control
24	0.35 D-BU	45	Park Lamp Supply Voltage/Marker Lamp Supply Voltage
25	--	--	Not Used

Body Control Module (BCM) X6



Connector Part Information

- OEM: 15482793
- Service: 88988842
- Description: 25-Way F HIT Series (PK)

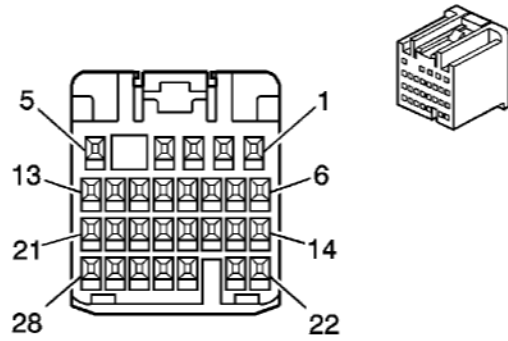
Terminal Part Information

- Pins: 1
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: 2, 3
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 12, 14-16
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

Body Control Module (BCM) X6

Pin	Wire	Circuit	Function
1	0.8 GY/BK	690	Courtesy Lamp Relay Control
2	0.8 L-GN	24	Backup Lamp Supply Voltage
3-11	--	--	Not Used
12	0.35 PK/BK	1303	Liftgate Ajar Switch Signal
13	--	--	Not Used
14	0.35 L-GN/BK	748	Right Rear Door Ajar Switch Signal
15	0.35 L-BU/BK	747	Left Rear Door Ajar Switch Signal
16	0.35 D-BU/WH	1179	Left Rear Door Open Switch Signal
17-25	--	--	Not Used

Body Control Module (BCM) X7



Connector Part Information

- OEM: 15466053
- Service: 88988806
- Description: 28-Way F HIT Series (GY)

Terminal Part Information

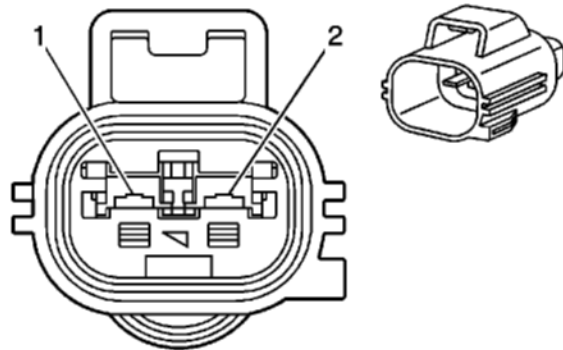
- Pins: 2, 6-10, 12, 15, 18, 19, 21, 22, 26-28
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

Body Control Module (BCM) X7

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 TN	6188	Lift Glass/Trunk Motor Release Control
3-5	--	--	Not Used
6	0.35 PK	79	Fuel Door Release Solenoid Control (NO8)
7	0.35 L-GN	1391	Driver Door Unlock Relay Control
8	0.35 PU	544	Headlamp Low Beam Supply Voltage
9	0.35 L-BU	5921	Driver Door Unlock Relay Control
10	0.35 L-BU	187	Rear Fog Lamp Switch Signal (T79)
11	--	--	Not Used
12	0.35 PU	5059	Intrusion Sensor Alarm On Signal (UA2)
13-14	--	--	Not Used
15	0.35 YE	5058	Intrusion Sensor Armed Signal (UA2)
16-17	--	--	Not Used
18	0.35 L-GN	170	Power Window Master Switch Right Rear Up Signal
19	0.35 PU	169	Power Window Master Switch Left Rear Down Signal
20	--	--	Not Used
21	0.35 D-BU	1307	Power Window Master Switch Lockout Signal

22	0.35 D-GN	5060	Low Speed GMLAN Serial Data
23-25	--	--	Not Used
26	0.35 PU	171	Power Window Master Switch Right Rear Down Signal
27	0.35 L-BU/WH	280	Power Window Master Switch Lockout Right Rear Signal
28	0.35 D-GN	168	Power Window Master Switch Left Rear Up Signal

Brake Booster Pump - Auxiliary (LLT)



Connector Part Information

- OEM: 7282-5575-10
- Service: 19115602
- Description: 2-Way M 2.8 Series Sealed (D-GY)

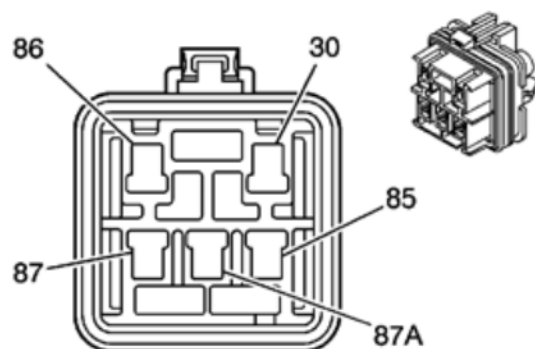
Terminal Part Information

- Pins: 1, 2
- Terminal/Tray: 7114-4151-02/9
- Core/Insulation Crimp: C/1
- Release Tool/Test Probe: 12094430/J-35616-5 (PU)

Brake Booster Pump - Auxiliary (LLT)

Pin	Wire	Circuit	Function
1	1 OG	1470	Brake Booster Pump Motor Supply Voltage
2	1 BK	1550	Ground

Brake Booster Pump Relay (LLT)



Connector Part Information

- OEM: 12110539
- Service: See Catalog
- Description: 5-Way F Metri-Pack 280 Series, Flexlock (BK)

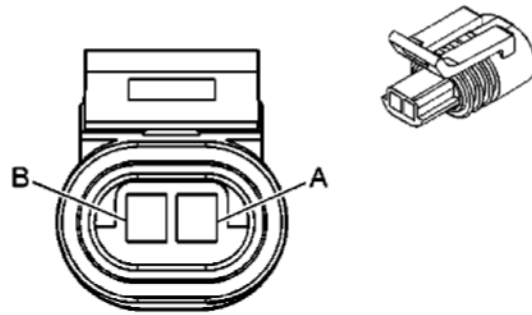
Terminal Part Information

- Pins: 30, 86, 87
- Terminal/Tray: 12110845/4
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 85
- Terminal/Tray: 12110847/4
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Brake Booster Pump Relay (LLT)

Pin	Wire	Circuit	Function
30	1 OG	240	Battery Positive Voltage
85	0.35 BN	7448	Vacuum Assist Pump Relay Coil Control
86	1 OG	240	Battery Positive Voltage
87	1 OG	1470	Brake Booster Pump Motor Supply Voltage
87A	--	--	Not Used

Brake Fluid Level Switch



Connector Part Information

- OEM: 12162195
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150.2 Series Sealed (BK)

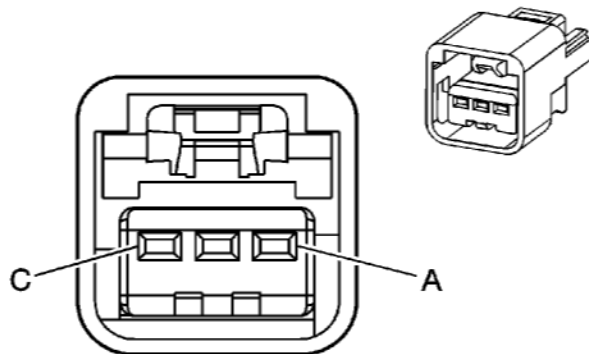
Terminal Part Information

- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-14 (GN)

Brake Fluid Level Switch

Pin	Wire	Circuit	Function
A	0.5 BK/WH	651	Ground
B	0.5 TN/WH	33	Brake Warning Indicator Control

Brake Pedal Position Sensor



Connector Part Information

- OEM: 15332132

- Service: 88953364
- Description: 3-Way F GT 150 Series (BK)

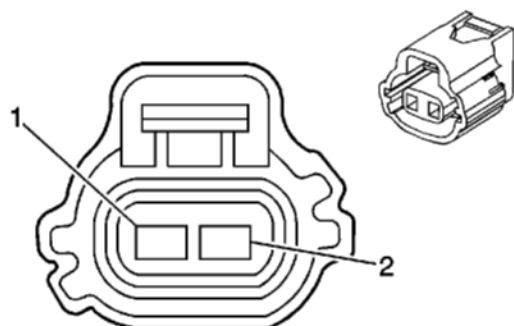
Terminal Part Information

- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Brake Pedal Position Sensor

Pin	Wire	Circuit	Function
A	0.35 GY	598	5-Volt Reference 1 (RHD)
	0.35 TN	552	Low Reference (LHD)
B	0.35 L-GN	526	Stop Lamp Switch Signal
C	0.35 TN	552	Low Reference (RHD)
	0.35 GY	598	5-Volt Reference 1 (LHD)

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Exhaust



Connector Part Information

- OEM: 7283752630
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

Terminal Part Information

- Terminal/Tray: 7116-4026/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Exhaust

Pin	Wire	Circuit	Function
1	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply

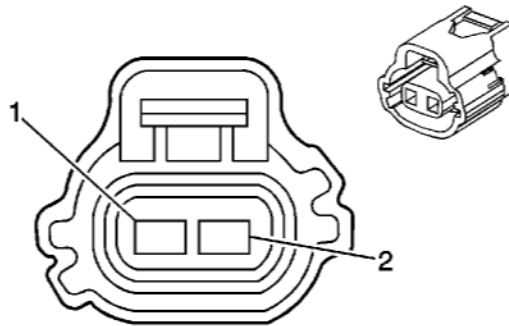
2

0.75 L-GN

5282

Camshaft Phaser Exhaust Solenoid

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Exhaust



Connector Part Information

- OEM: 7283752630
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

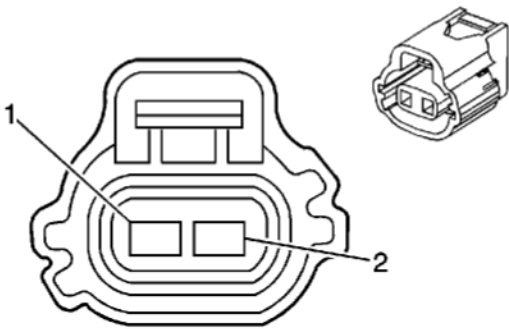
Terminal Part Information

- Terminal/Tray: 7116-4026/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Exhaust

Pin	Wire	Circuit	Function
1	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply
2	0.75 WH/BK	5283	Camshaft Phaser Exhaust Solenoid

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Intake



Connector Part Information

- OEM: 7283752630
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

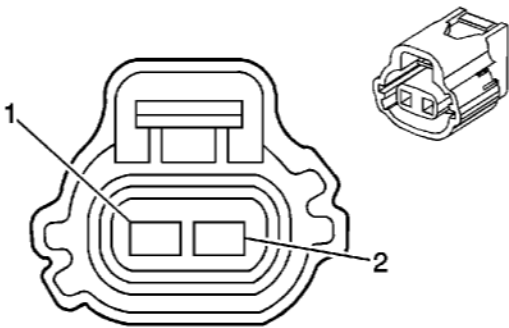
Terminal Part Information

- Terminal/Tray: 7116-4026/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 1 Intake

Pin	Wire	Circuit	Function
1	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply
2	0.75 PU	5284	Camshaft Phaser Intake Solenoid

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Intake



Connector Part Information

- OEM: 7283752630

- Service: See Catalog
- Description: 2-Way F Sealed (BK)

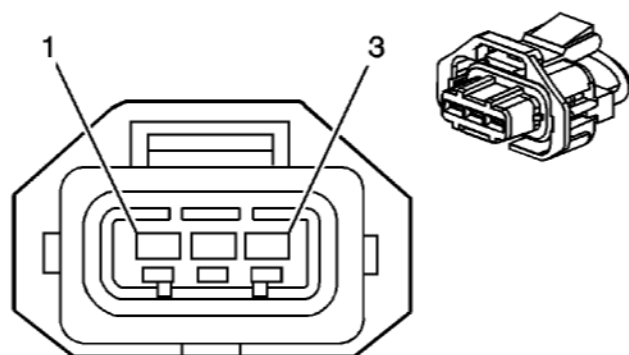
Terminal Part Information

- Terminal/Tray: 7116-4026/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

Camshaft Position (CMP) Actuator Solenoid Valve - Bank 2 Intake

Pin	Wire	Circuit	Function
1	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply
2	0.75 OG/BK	5272	Camshaft Phaser Intake Solenoid

Camshaft Position (CMP) Sensor - Bank 1 Exhaust



Connector Part Information

- OEM: 1-928-403-968
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

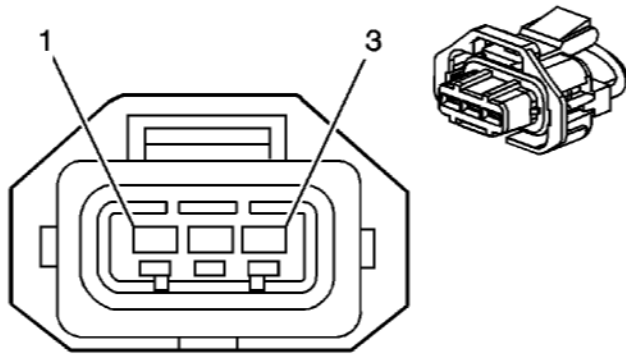
Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Camshaft Position (CMP) Sensor - Bank 1 Exhaust

Pin	Wire	Circuit	Function
1	0.5 BK	552	Low Reference
2	0.5 D-GN	5273	Camshaft Position Exhaust Sensor
3	0.5 GY	705	5-Volt Reference 2

Camshaft Position (CMP) Sensor - Bank 2 Exhaust



Connector Part Information

- OEM: 1-928-403-968
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

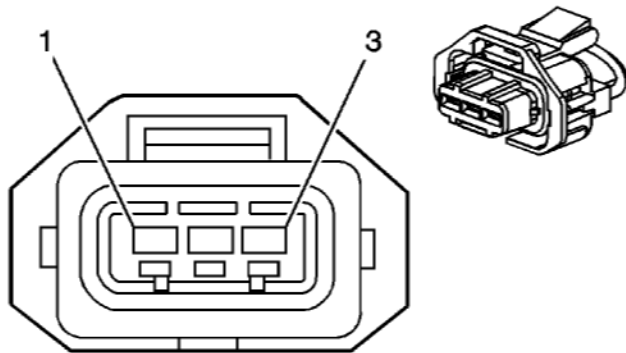
Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Camshaft Position (CMP) Sensor - Bank 2 Exhaust

Pin	Wire	Circuit	Function
1	0.5 BK	552	Low Reference
2	0.5 PU	5274	Camshaft Position Exhaust Sensor
3	0.5 GY	705	5-Volt Reference 2

Camshaft Position (CMP) Sensor - Bank 1 Intake



Connector Part Information

- OEM: 1-928-403-968
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

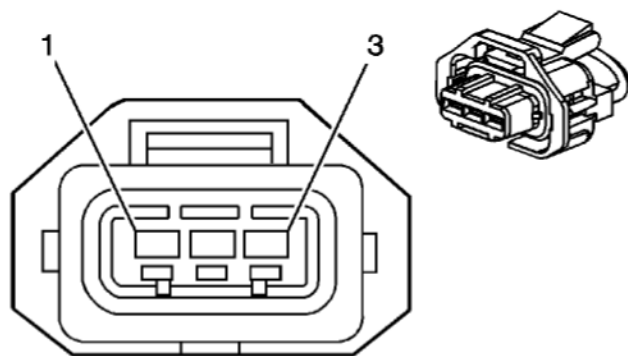
Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Camshaft Position (CMP) Sensor - Bank 1 Intake

Pin	Wire	Circuit	Function
1	0.5 BK	552	Low Reference
2	0.5 OG	5275	Camshaft Position Intake Sensor
3	0.5 GY	705	5-Volt Reference 2

Camshaft Position (CMP) Sensor - Bank 2 Intake



Connector Part Information

- OEM: 1-928-403-968
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

Terminal Part Information

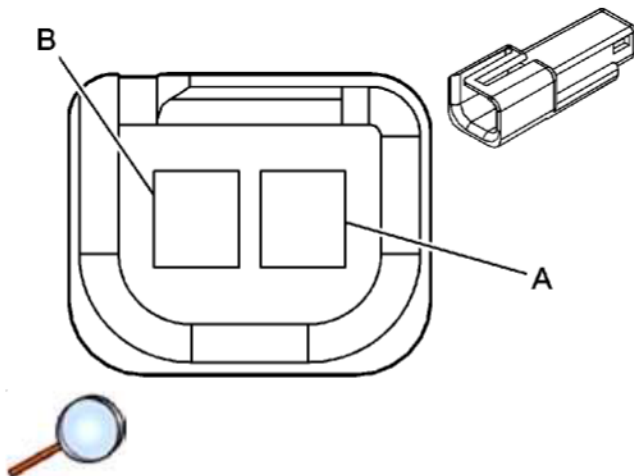
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Camshaft Position (CMP) Sensor - Bank 2 Intake

Pin	Wire	Circuit	Function
1	0.5 BK	552	Low Reference

2	0.5 YE	5276	Camshaft Position Intake Sensor
3	0.5 GY	705	5-Volt Reference 2

Cellular / Navigation Microphone (UE1 / WXS)



Connector Part Information

- OEM: 12047663
- Service: 12058709
- Description: 2-Way M Metri-Pack 150 Series (BK)

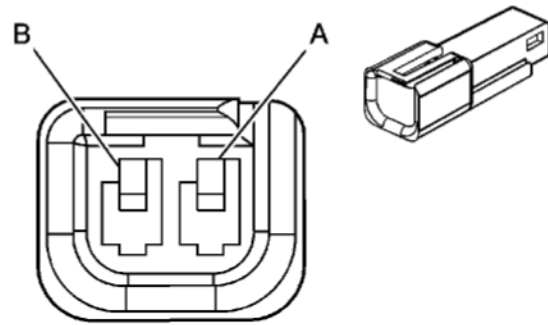
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Cellular / Navigation Microphone (UE1 / WXS)

Pin	Wire	Circuit	Function
A	0.35 BARE	514	Ground
B	0.35 GY	655	Cellular Microphone Signal

Center High Mounted Stop Lamp (CHMSL)



Connector Part Information

- OEM: 12059252
- Service: See Catalog
- Description: 2-Way M Metri-Pack 150 Series (RD)

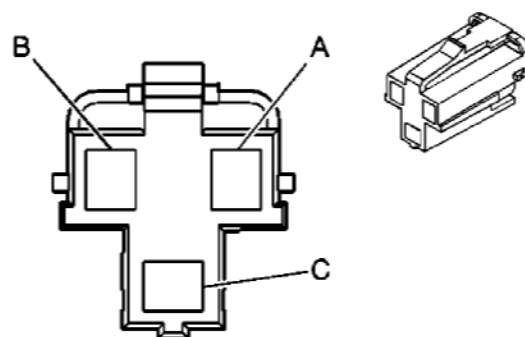
Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Center High Mounted Stop Lamp (CHMSL)

Pin	Wire	Circuit	Function
A	0.5 L-BU	1320	CHMSL Supply Voltage
B	0.5 BK	1050	Ground

Cigar Lighter



Connector Part Information

- OEM: 12176836

- Service: See Catalog
- Description: 3-Way F Metri-Pack 280 Series (GY)

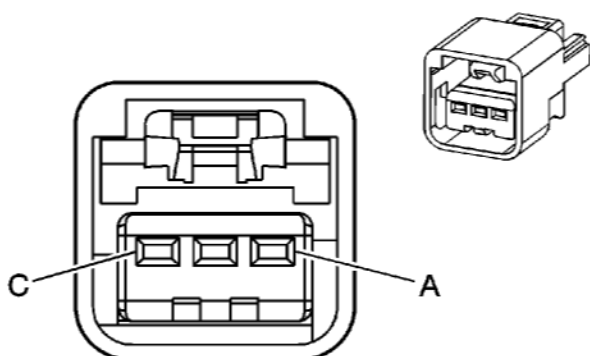
Terminal Part Information

- Pins: A, C
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Cigar Lighter

Pin	Wire	Circuit	Function
A	1 RD/WH	2040	Battery Positive Voltage
B	--	--	Not Used
C	1 BK	450	Ground

Clutch Pedal Position (CPP) Sensor (MV7 / MG9)



Connector Part Information

- OEM: 15332132
- Service: 88953364
- Description: 3-Way F GT 150 Series (BK)

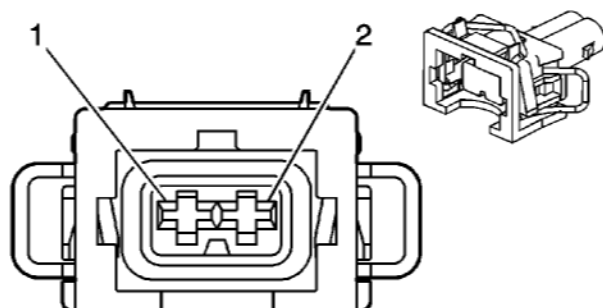
Terminal Part Information

- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Clutch Pedal Position (CPP) Sensor (MV7 / MG9)

Pin	Wire	Circuit	Function
A	0.35 GY/BN	7345	Manual Transmission Clutch Position Sensor Low Reference
B	0.35 L-GN	6338	Manual Transmission Clutch Position Sensor Signal Position
C	0.35 BU/YE	7346	Manual Transmission Clutch Position Sensor Volt Reference 1

Coolant Pump - Auxiliary (LLT)



Connector Part Information

- OEM: 12131678
- Service: 89046833
- Description: 2-Way F Mini Timer Series Sealed (BK)

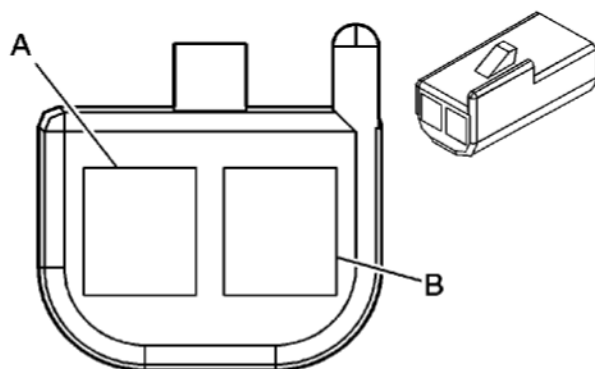
Terminal Part Information

- Terminal/Tray: 60012941/21
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 12122378/J-35616-4A (PU)

Coolant Pump - Auxiliary (LLT)

Pin	Wire	Circuit	Function
1	0.5 BK	1550	Ground
2	0.5 OG	740	Battery Positive Voltage

Courtesy Lamp - Left Front Door



Connector Part Information

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

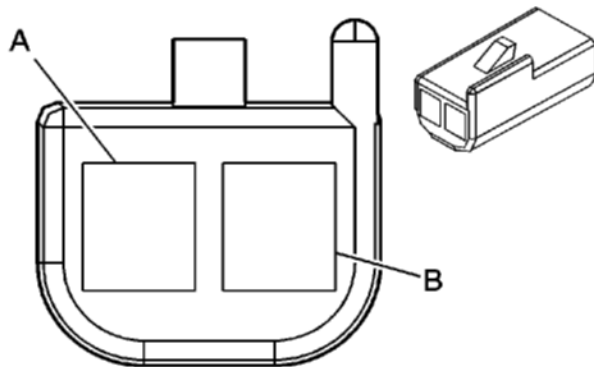
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Courtesy Lamp - Left Front Door

Pin	Wire	Circuit	Function
A	0.5 BN	6573	Driver Door Courtesy Lamp Control High
B	0.5 L-BU/WH	6576	Driver Door Courtesy Lamp Control Low

Courtesy Lamp - Left Rear Door



Connector Part Information

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

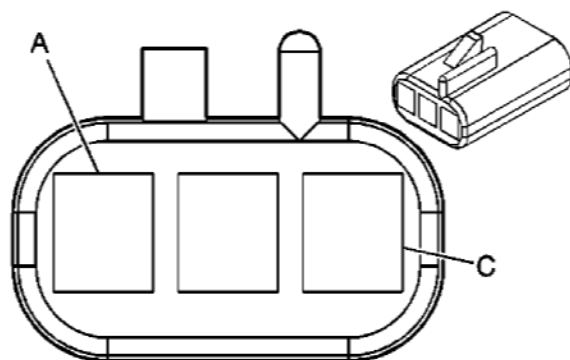
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Courtesy Lamp - Left Rear Door

Pin	Wire	Circuit	Function
A	0.35 GY/BK	690	Courtesy Lamp Relay Control
B	0.35 BK	350	Ground

Courtesy Lamp - Rear Compartment



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F Metri-Pack 150 Series (BK)

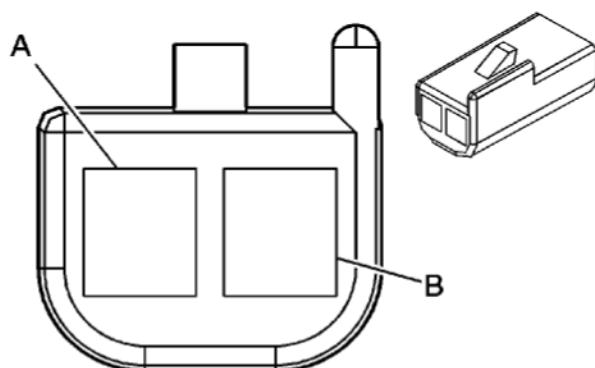
Terminal Part Information

- Pins: B, C
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Courtesy Lamp - Rear Compartment

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.5 OG/BK	744	Rear Compartment Lid Ajar Switch Signal
C	0.5 OG	1732	Courtesy Lamps Supply Voltage

Courtesy Lamp - Right Front Door





Connector Part Information

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

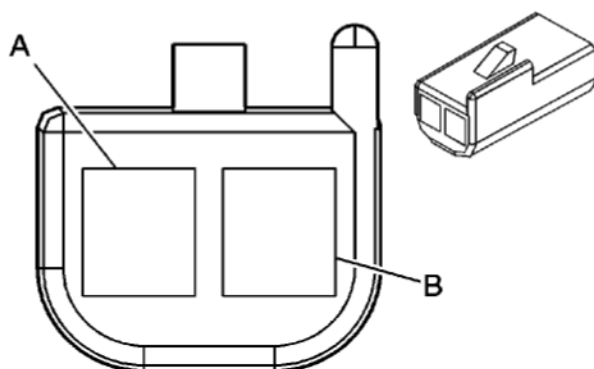
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Courtesy Lamp - Right Front Door

Pin	Wire	Circuit	Function
A	0.5 BN/WH	6574	Passenger Door Courtesy Lamp Control High
B	0.5 L-BU	6575	Passenger Door Courtesy Lamp Control Low

Courtesy Lamp - Right Rear Door



Connector Part Information

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

Terminal Part Information

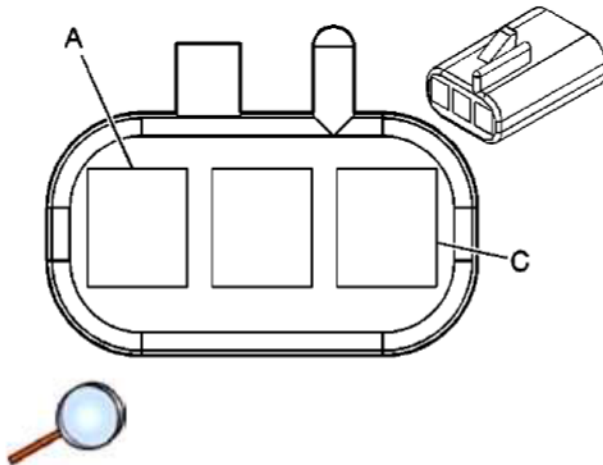
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Courtesy Lamp - Right Rear Door

Pin	Wire	Circuit	Function

A	0.35 GY/BK	690	Courtesy Lamp Relay Control
B	0.35 BK	450	Ground

Courtesy / Reading Lamp - Left Front



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

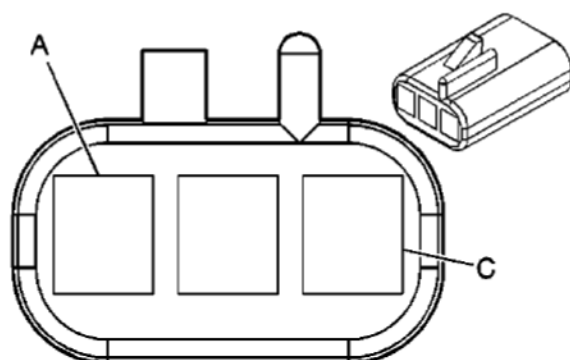
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Courtesy / Reading Lamp - Left Front

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp Low Control/Front Interior Lamp Control/Rear Courtesy Lamp Relay Control
B	0.5 BK	1050	Ground
C	0.5 OG	1732	Courtesy Lamps Supply Voltage

Courtesy / Reading Lamp - Left Rear



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

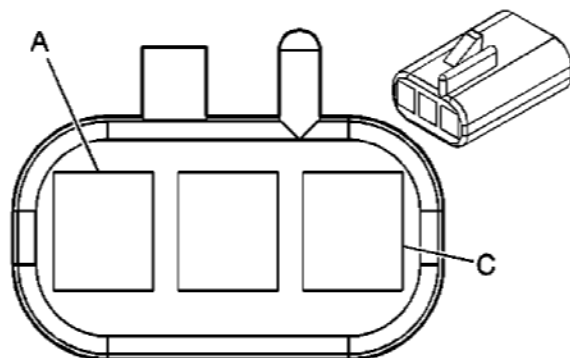
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Courtesy / Reading Lamp - Left Rear

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp Low Control/Front Interior Lamp Control/Rear Courtesy Lamp Relay Control
B	0.5 BK	1050	Ground
C	0.5 OG	1732	Courtesy Lamps Supply Voltage

Courtesy / Reading Lamp - Right Front



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

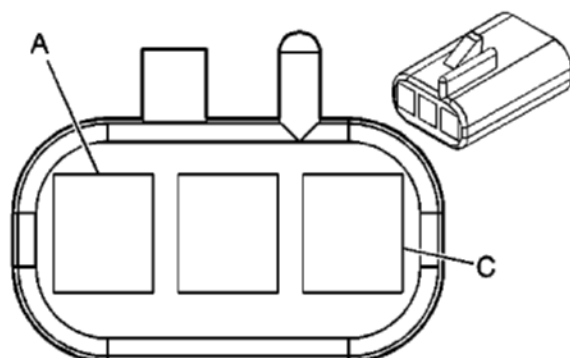
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Courtesy / Reading Lamp - Right Front

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp Low Control/Front Interior Lamp Control/Rear Courtesy Lamp Relay Control
B	0.5 BK	1050	Ground
C	0.5 OG	1732	Courtesy Lamps Supply Voltage

Courtesy / Reading Lamp - Right Rear



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

Terminal Part Information

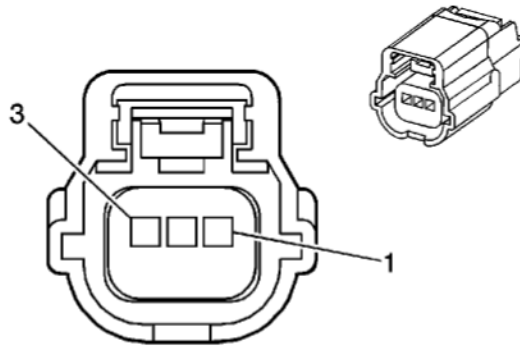
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Courtesy / Reading Lamp - Right Rear

Pin	Wire	Circuit	Function

A	0.5 GY/BK	690	Courtesy Lamp Low Control/Front Interior Lamp Control/Rear Courtesy Lamp Relay Control
B	0.5 BK	1050	Ground
C	0.5 OG	1732	Courtesy Lamps Supply Voltage

Crankshaft Position (CKP) Sensor (LP1 / LY7 / LLT)



Connector Part Information

- OEM: 31403-3710
- Service: 88988337
- Description: 3-Way F 064 Series Sealed (BK)

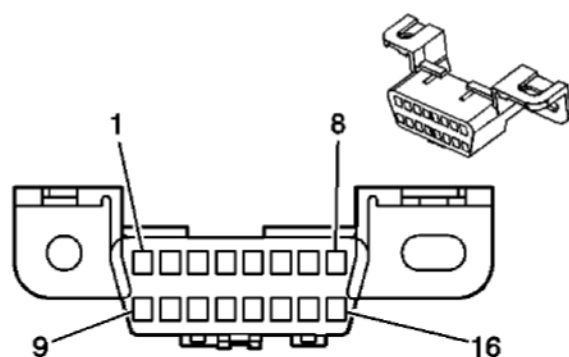
Terminal Part Information

- Terminal/Tray: 33468-0003/23
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

Crankshaft Position (CKP) Sensor (LP1 / LY7 / LLT)

Pin	Wire	Circuit	Function
1	0.5 BK	452	Low Reference
2	0.5 YE	573	CKP Sensor Signal
3	0.5 GY	605	5-Volt Reference 3

Data Link Connector (DLC)



Connector Part Information

- OEM: 12110250
- Service: See Catalog
- Description: 16-Way F Metri-Pack 150 Series (BK)

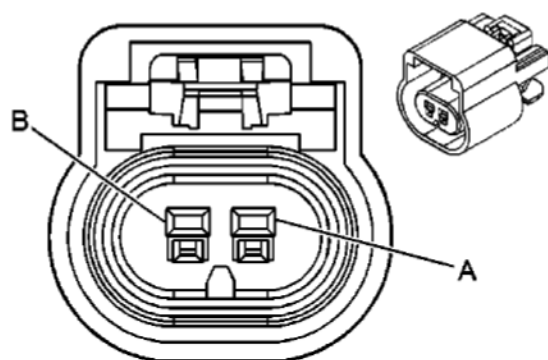
Terminal Part Information

- Pins: 1, 4-6, 14, 16
- Terminal/Tray: 12129484/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Data Link Connector (DLC)

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2-3	--	--	Not Used
4	0.5 BK	350	Ground
5	0.35 BK/WH	651	Ground
6	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
7-13	--	--	Not Used
14	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
15	--	--	Not Used
16	0.35 RD/WH	540	Battery Positive Voltage

Data Link Resistor (except J77 or with LSA)



Connector Part Information

- OEM: 15326801
- Service: See Catalog
- Description: 2-Way F GT 150 Series (BK)

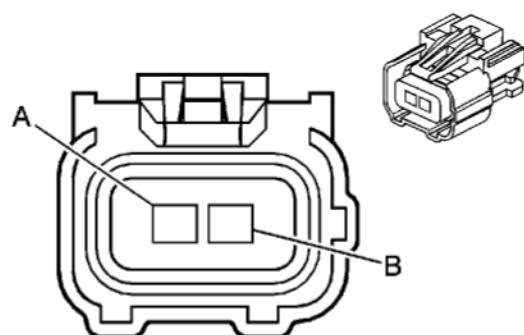
Terminal Part Information

- Pins: A, B
 - Terminal/Tray: 7116-4720-02/14
 - Core/Insulation Crimp: H/H
 - Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)
-
- Pins: A, B
 - Terminal/Tray: 12191819/8
 - Core/Insulation Crimp: H/H
 - Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Data Link Resistor (except J77 or with LSA)

Pin	Wire	Circuit	Function
A	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
B	0.35 TN	2501	High Speed GMLAN Serial Data Bus-

Daytime Running Lamp (DRL) - Left (TT6 / TT7 / TT8)





Connector Part Information

- OEM: 09441733
- Service: See Catalog
- Description: 2-Way F (GY)

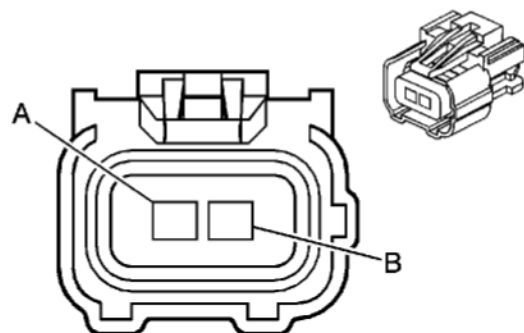
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Daytime Running Lamp (DRL) - Left (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
A	0.5 BK	5364	Left DRL/Turn Supply Voltage
B	0.5 BK	150	Ground

Daytime Running Lamp (DRL) - Right (TT6 / TT7 / TT8)



Connector Part Information

- OEM: 09441733
- Service: See Catalog
- Description: 2-Way F (GY)

Terminal Part Information

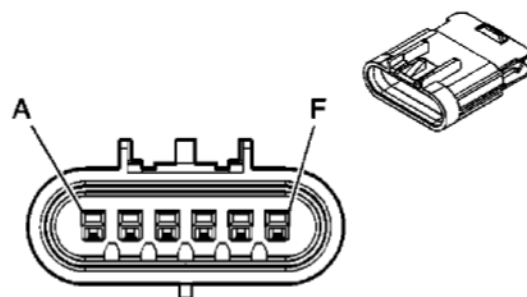
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Daytime Running Lamp (DRL) - Right (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function

A	0.5 BK	5365	Right DRL/Turn Supply Voltage
B	0.5 BK	250	Ground

Door Handle Switch - Driver



Connector Part Information

- OEM: 15326833
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

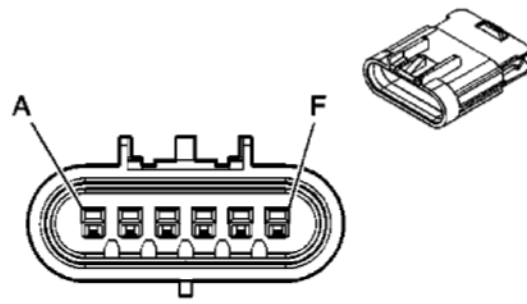
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Handle Switch - Driver

Pin	Wire	Circuit	Function
A	0.35 PK	5709	Keyless Entry Antenna - Signal (UHA/UHF)
B	0.35 PK/BK	5713	Keyless Entry Antenna - Low Reference (UHA/UHF)
C	0.35 BK/WH	351	Ground
D	0.35 BN	5881	Left Front Door Handle Switch Signal
E	0.35 D-BU	5882	Left Front Door Handle Switch Signal
F	0.35 BK/WH	351	Ground

Door Handle Switch - Passenger



Connector Part Information

- OEM: 15326833
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

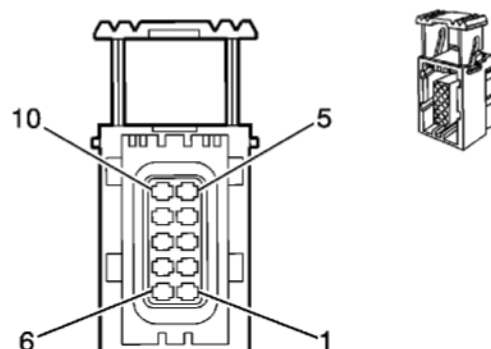
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Handle Switch - Passenger

Pin	Wire	Circuit	Function
A	0.35 YE	5710	Keyless Entry Antenna - Signal (UHA/UHF)
B	0.35 YE/BK	5714	Keyless Entry Antenna - Low Reference (UHA/UHF)
C	0.35 BK/WH	451	Ground
D	0.35 GY	5878	Right Front Door Handle Switch Signal
E	0.35 PK	5879	Right Front Door Handle Switch Signal
F	0.35 BK/WH	451	Ground

Door Latch - Driver





Connector Part Information

- OEM: 6-1355688-1
- Service: 88952463
- Description: 10-Way F Sealed (BK)

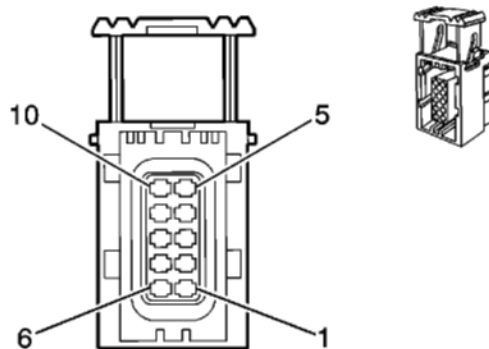
Terminal Part Information

- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

Door Latch - Driver

Pin	Wire	Circuit	Function
1	0.35 GY	5133	Door Lock Actuator Deadbolt Control (UA2)
2	0.35 TN	294	Door Lock Actuator Unlock Control (UA2)
3	0.35 TN	694	Door Lock Actuator Unlock Control
4	0.35 L-GN/BK	5703	Door Unlatch Motor Control
5	--	--	Not Used
6	0.35 GY/BK	745	Door Ajar Switch Signal
7	0.35 TN	126	Door Open Switch Signal
8	0.35 BK	350	Ground
9	0.35 L-GN	262	Door Key Switch Signal
10	--	--	Not Used

Door Latch - Passenger



Connector Part Information

- OEM: 6-1355688-1
- Service: 88952463

- Description: 10-Way F Sealed (BK)

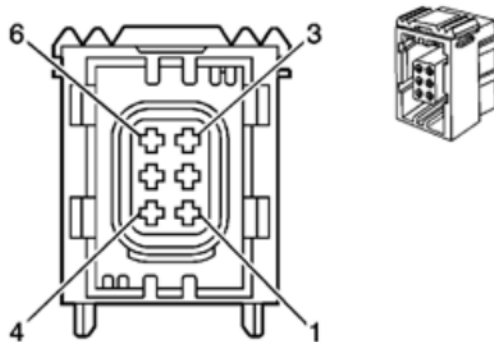
Terminal Part Information

- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

Door Latch - Passenger

Pin	Wire	Circuit	Function
1	0.35 TN/WH	746	Door Ajar Switch Signal
2	0.35 L-GN	1177	Door Open Switch Signal
3	0.35 BK	350	Ground
4-5	--	--	Not Used
6	0.35 GY	5133	Door Lock Actuator Deadbolt Control (UA2)
7	0.35 TN	294	Door Lock Actuator Unlock Control (UA2)
8	0.35 TN	294	Door Lock Actuator Unlock Control
9	0.35 D-BU	5876	Door Latch Enable Control
10	--	--	Not Used

Door Latch - Left Rear



Connector Part Information

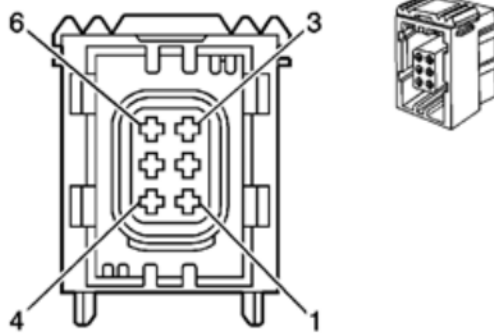
- OEM: 6-1355683-1
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Latch - Left Rear

Pin	Wire	Circuit	Function
1	0.35 GY	5133	Door Lock Actuator Deadbolt Control (UA2)
2	0.35 TN	294	Door Lock Actuator Unlock Control
3	0.35 GY	295	Door Lock Actuator Lock Control
4	0.35 L-BU/BK	747	Door Ajar Switch Signal
5	0.35 D-BU/WH	1179	Door Open Switch Signal
6	0.35 BK	350	Ground

Door Latch - Right Rear**Connector Part Information**

- OEM: 6-1355683-1
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

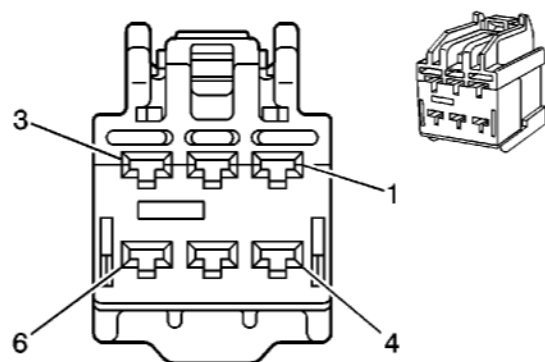
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Latch - Right Rear

Pin	Wire	Circuit	Function
1	0.35 L-GN/BK	748	Door Ajar Switch Signal
2	0.35 D-BU/WH	1179	Door Open Switch Signal
3	0.35 BK	450	Ground
4	0.35 GY	5133	Door Lock Actuator Deadbolt Control (UA2)
5	0.35 TN	294	Door Lock Actuator Unlock Control
6	0.35 GY	295	Door Lock Actuator Lock Control

Door Lock / Window Switch - Driver X1



Connector Part Information

- OEM: 6098-4607
- Service: See Catalog
- Description: 6-Way F 2.8 Series (BK)

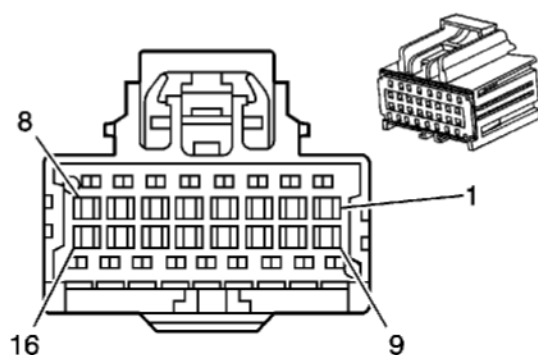
Terminal Part Information

- Pins: 4, 6
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

Door Lock / Window Switch - Driver X1

Pin	Wire	Circuit	Function
1-3	--	--	Not Used
4	1 OG	4240	Battery Positive Voltage
5	--	--	Not Used
6	0.8 BK	350	Ground

Door Lock / Window Switch - Driver X2



Connector Part Information

- OEM: 15136074
- Service: See Catalog
- Description: 16-Way F (BN)

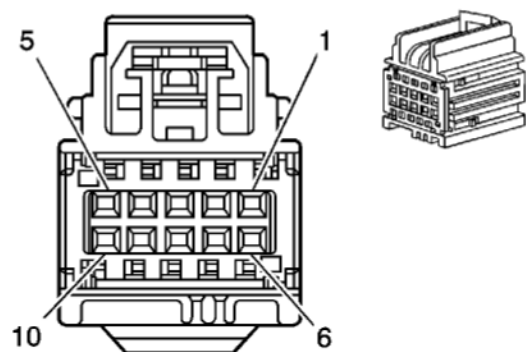
Terminal Part Information

- Pins: 3, 4, 7-11, 13, 15
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 3, 7, 8, 10, 15 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 4, 9, 11, 13 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X2

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.5 BN	6132	Local Interconnect Network 1
4	0.35 L-GN	262	Driver Door Key Switch Signal
5-6	--	--	Not Used
7	0.5 TN	694	Driver Door Lock Actuator Unlock Control
8	0.5 L-GN/BK	5703	Driver Door Latch Enable Control
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data
10	0.5 BN	6573	Driver Door Courtesy Lamp Control High
11	0.35 TN	126	Left Front Door Open Switch Signal
12	--	--	Not Used
13	0.35 GY/BK	745	Left Front Door Ajar Switch Signal
14	--	--	Not Used
15	0.5 L-BU/WH	6576	Driver Door Courtesy Lamp Control Low
16	--	--	Not Used

Door Lock / Window Switch - Driver X3



Connector Part Information

- OEM: 15127042
- Service: See Catalog
- Description: 10-Way F YESC Kaizen Series (BK)

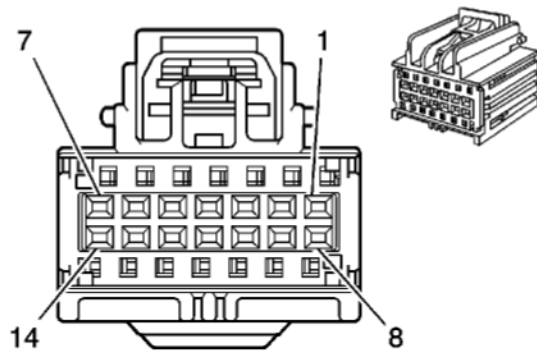
Terminal Part Information

- Pins: 1, 2, 6, 7
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 2, 6 - P/P
- Core/Insulation Crimp: Pins 7 - See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X3

Pin	Wire	Circuit	Function
1	0.35 D-BU/WH	6160	Outside Left Mirror Vertical Position Control
2	0.35 D-GN/WH	6159	Outside Left Mirror Horizontal Position Control
3-5	--	--	Not Used
6	0.35 WH	7197	Outside Left Mirror Drive Motor Common
7	0.5 WH	606	Driver Mirror Heating Element Supply Voltage
8-10	--	--	Not Used

Door Lock / Window Switch - Driver X4



Connector Part Information

- OEM: 15127039
- Service: See Catalog
- Description: 14-Way F (GY)

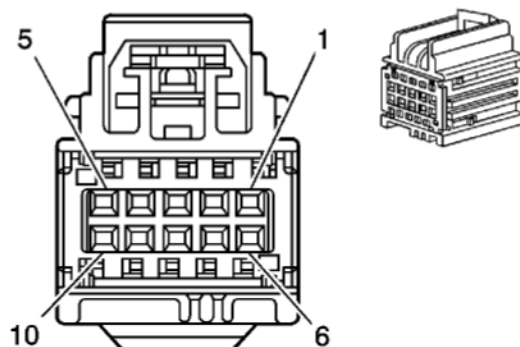
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X4

Pin	Wire	Circuit	Function
1-3	--	--	Not Used
4	0.35 D-BU/WH	5978	Memory Seat Switch Dimming Return
5	0.35 OG	614	Memory Seat Switch Signal
6-12	--	--	Not Used
13	0.35 BN/WH	6064	Memory Seat Switch Dimming
14	0.35 GY/BK	5979	Memory Seat Switch Exit Signal

Door Lock / Window Switch - Driver X5





Connector Part Information

- OEM: 15127041
- Service: See Catalog
- Description: 10-Way F (GN)

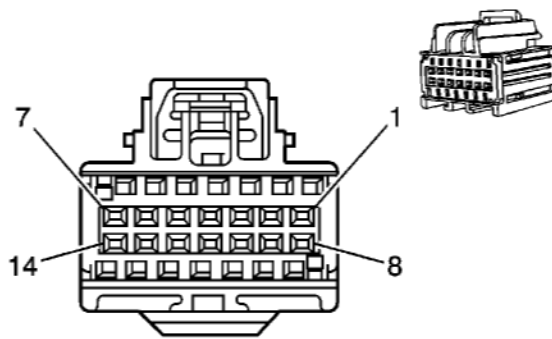
Terminal Part Information

- Pins: 1, 3, 7
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X5

Pin	Wire	Circuit	Function
1	0.5 PK	6190	Lift Glass/Trunk Exterior Release Signal
2	--	--	Not Used
3	0.5 BK/WH	51	Ground
4-6	--	--	Not Used
7	0.5 YE	1491	Backlight Lamps Control
8-10	--	--	Not Used

Door Lock / Window Switch - Driver X6



Connector Part Information

- OEM: 15127038
- Service: See Catalog
- Description: 14-Way F (BU)

Terminal Part Information

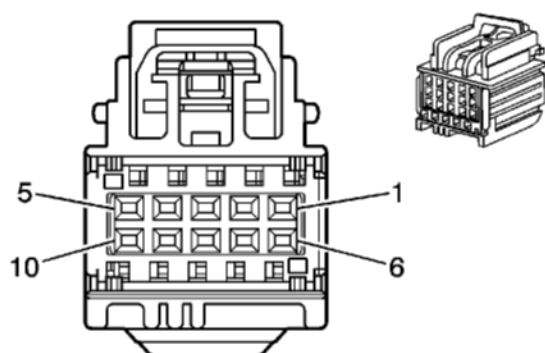
- Pins: 2, 4, 9

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X6

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 BN	5881	Left Front Door Handle Switch Signal (UHA/UHF)
3	--	--	Not Used
4	0.35 D-BU	5882	Left Front Door Handle Switch Signal (UHA/UHF)
5-8	--	--	Not Used
9	0.35 WH	901	IC 2 Control (TSQ)
10-14	--	--	Not Used

Door Lock / Window Switch - Driver X7 (A45 / DL7 / D26)



Connector Part Information

- OEM: 15127040
- Service: See Catalog
- Description: 10-Way F (WH)

Terminal Part Information

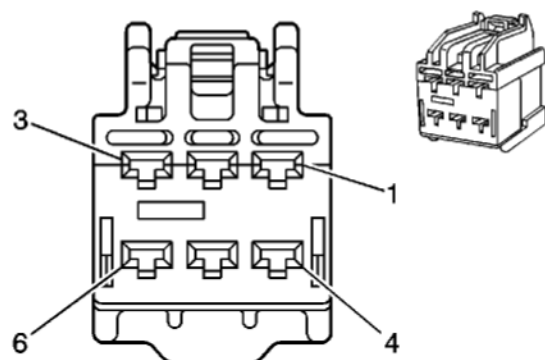
- Pins: 1, 2, 4, 5, 7, 10
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Driver X7 (A45 / DL7 / D26)

Pin	Wire	Circuit	Function
1	0.35 YE	190	Driver Folding Mirror Motor Extend Control (DL7/D26)
2	0.35 L-BU	191	Driver Folding Mirror Motor Retract Control (DL7/D26)

3	--	--	Not Used
4	0.35 D-GN	784	Driver Mirror Vertical Position Sensor Signal (A45)
5	0.35 GY	786	Driver Mirror Horizontal Position Sensor Signal (A45)
6	--	--	Not Used
7	0.35 D-BU	672	5-Volt Reference (A45)
8-9	--	--	Not Used
10	0.35 BN	673	Low Reference (A45)

Door Lock / Window Switch - Passenger X1



Connector Part Information

- OEM: 6098-4607
- Service: See Catalog
- Description: 6-Way F 2.8 Series (BK)

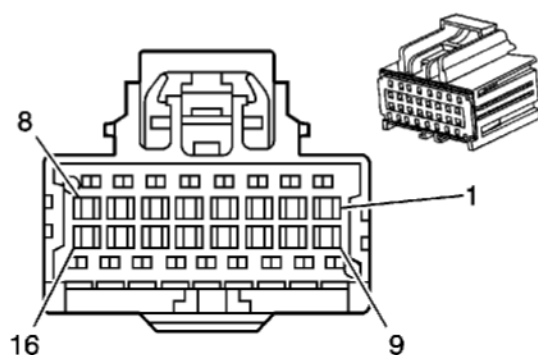
Terminal Part Information

- Pins: 4, 6
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

Door Lock / Window Switch - Passenger X1

Pin	Wire	Circuit	Function
1-3	--	--	Not Used
4	1 OG	4040	Battery Positive Voltage
5	--	--	Not Used
6	0.8 BK	450	Ground

Door Lock / Window Switch - Passenger X2



Connector Part Information

- OEM: 15136074
- Service: See Catalog
- Description: 16-Way F (BN)

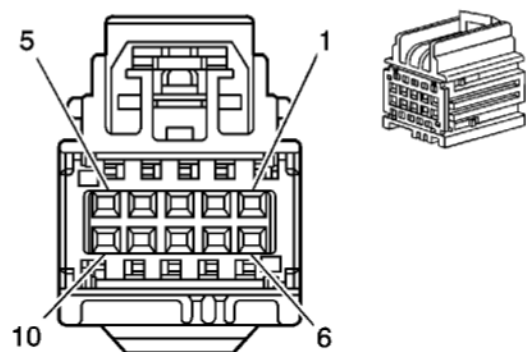
Terminal Part Information

- Pins: 3, 7-11, 13, 15
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 3, 7, 8, 10, 15 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 9, 11, 13 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Passenger X2

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.5 D-BU	6133	Local Interconnect Network 2
4-6	--	--	Not Used
7	0.5 TN	294	Door Lock Actuator Unlock Control
8	0.5 D-BU	5876	Front Passenger Door Latch Enable Control
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data
10	0.5 BN/WH	6574	Passenger Door Courtesy Lamp Control High
11	0.35 L-GN	1177	Right Front Door Open Switch Signal/Door Open Switch Signal
12	--	--	Not Used
13	0.35 BK/WH	746	Right Front Door Ajar Switch Signal
14	--	--	Not Used
15	0.5 L-BU	6575	Passenger Door Courtesy Lamp Control Low
16	--	--	Not Used

Door Lock / Window Switch - Passenger X3



Connector Part Information

- OEM: 15127042
- Service: See Catalog
- Description: 10-Way F YESC Kaizen Series (BK)

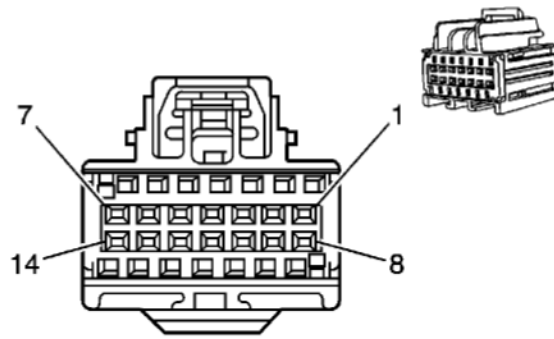
Terminal Part Information

- Pins: 1, 2, 6, 7
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 2, 6 - P/P
- Core/Insulation Crimp: Pins 7 - See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Passenger X3

Pin	Wire	Circuit	Function
1	0.35 OG/BK	6162	Outside Right Mirror Vertical Position Control
2	0.35 GY/BK	6161	Outside Right Mirror Horizontal Position Control
3-5	--	--	Not Used
6	0.35 WH	7196	Outside Right Mirror Drive Motor Common
7	0.5 PU	607	Passenger Mirror Heating Element Supply Voltage
8-10	--	--	Not Used

Door Lock / Window Switch - Passenger X6



Connector Part Information

- OEM: 15127038
- Service: See Catalog
- Description: 14-Way F (BU)

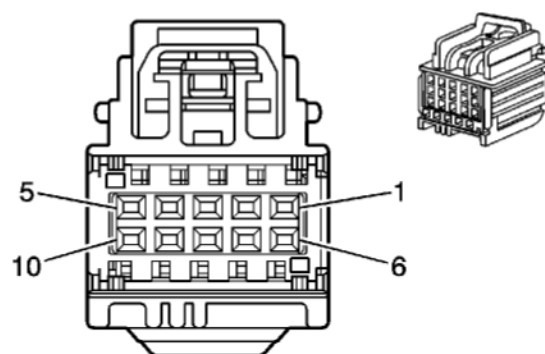
Terminal Part Information

- Pins: 2, 4, 9
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Passenger X6

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 GY	5878	Right Front Door Handle Switch Signal (UHA/UHF)
3	--	--	Not Used
4	0.35 PK	5879	Right Front Door Handle Switch Signal (UHA/UHF)
5-8	--	--	Not Used
9	0.35 WH	901	IC 2 Control (TSQ)
10-14	--	--	Not Used

Door Lock / Window Switch - Passenger X7 (A45 / DL7 / D26)



Connector Part Information

- OEM: 15127040
- Service: See Catalog
- Description: 10-Way F (WH)

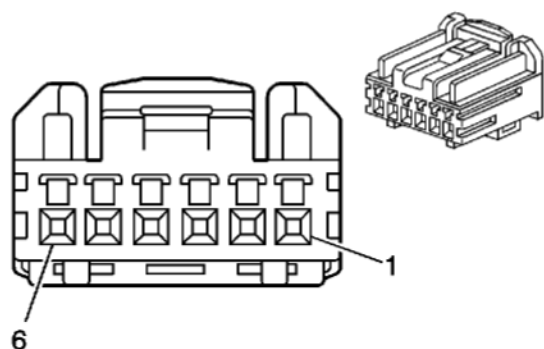
Terminal Part Information

- Pins: 1, 2, 4, 5, 7, 10
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Door Lock / Window Switch - Passenger X7 (A45 / DL7 / D26)

Pin	Wire	Circuit	Function
1	0.35 YE	5004	Passenger Folding Mirror Motor Extend Control (DL7/D26)
2	0.35 L-BU	5023	Passenger Folding Mirror Motor Retract Control (DL7/D26)
3	--	--	Not Used
4	0.35 BN	787	Passenger Mirror Vertical Position Sensor Signal (A45)
5	0.35 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal (A45)
6	--	--	Not Used
7	0.35 YE	674	5-Volt Reference (A45)
8-9	--	--	Not Used
10	0.35 L-GN	675	Low Reference (A45)

Driver Information Center (DIC) Switch



Connector Part Information

- OEM: HCMPB-06-K
- Service: 19115655
- Description: 6-Way F HCM Series (BK)

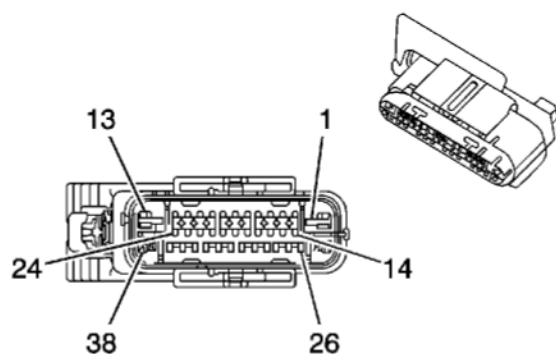
Terminal Part Information

- Pins: 1-3, 5, 6
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Driver Information Center (DIC) Switch

Pin	Wire	Circuit	Function
1	0.35 D-GN/WH	1358	DIC Switch Signal
2	0.35 BN	897	DIC Switch Low Reference
3	0.35 PK	893	DIC Select Menu Switch Signal
4	--	--	Not Used
5	0.35 YE	6817	LED Backlight Dimming Control
6	0.35 BK	350	Ground

Electronic Brake Control Module (EBCM)





Connector Part Information

- OEM: 88988964
- Service: 13456206
- Description: 38-Way 250/280/6.3 Series, F Sealed

Terminal Part Information

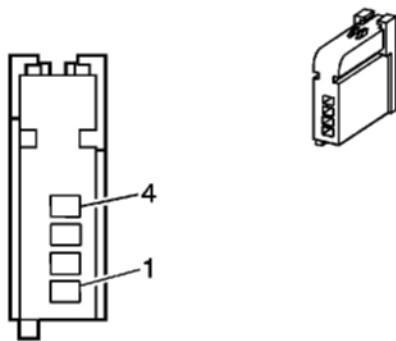
- Pins: 1,13
- Terminal/Tray: 7116-4142-02/ 10 Yazaki
- Core/Insulation Crimp: A/3
- Release Tool/Test Probe: 12094430/J-35616-42
- Pins: 25,38
- Terminal/Tray:15392777/ Delphi 23
- Core/Insulation Crimp: B/5
- Release Tool/Test Probe: J38125-553/ J-35616-4A
- Pins: 2-12,14-24,26-37
- Terminal/Tray:SAITS-A03T-M064/ Yazaki 14
- Core/Insulation Crimp: 9/9
- Release Tool/Test Probe: J-38125-215A/ J35616-64B

Electronic Brake Control Module (EBCM)

Pin	Wire	Circuit	Function
1	5 BK	1150	Ground
2	0.5 WH	883	Right Rear Wheel Speed Sensor Low Reference
3	0.5 BN	882	Right Rear Wheel Speed Sensor Signal
4	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
5	0.5 OR	885	Left Rear Wheel Speed Sensor Low Reference
6	0.5 TN	833	Right Front Wheel Speed Sensor Low Reference
7-11	--	--	Not Used
12	0.35 L-BU	5986	Serial Data Communication Enable
13	5 RD/BK	242	Battery Positive Voltage
14	0.5 BN	1295	Variable Effort Steering Actuator Control
15-16	--	--	Not Used
17	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
18	0.35 GY	1056	Steering Wheel Position Sensor 5-Volt Reference Voltage
19	0.35 GY/BK	1337	12-Volt Reference
20	--	--	Not Used
21	0.35 L-GN/BK	6432	CAN Bus Low Serial Data
22	--	--	Not Used
23	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
24	0.5 TN	2501	High Speed GMLAN Serial Data Bus-

25	2 BK	1150	Ground
26	0.5 WH	1294	Variable Effort Steering Actuator Supply Voltage
27	--	--	Not Used
28	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
29	0.5 YE	873	Left Front Wheel Speed Sensor Low Reference
30-31	--	--	Not Used
32	0.35 D-GN/WH	817	Vehicle Speed Signal
33	0.35 TN/WH	6433	CAN Bus High Serial Data
34-35	--	--	Not Used
36	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
37	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
38	2 RD/BK	42	Battery Positive Voltage

Electronic Compass Module



Connector Part Information

- OEM: AIT2PB-04A-1AK
- Service: See Catalog
- Description: 4-Way F AIT II Series (BK)

Terminal Part Information

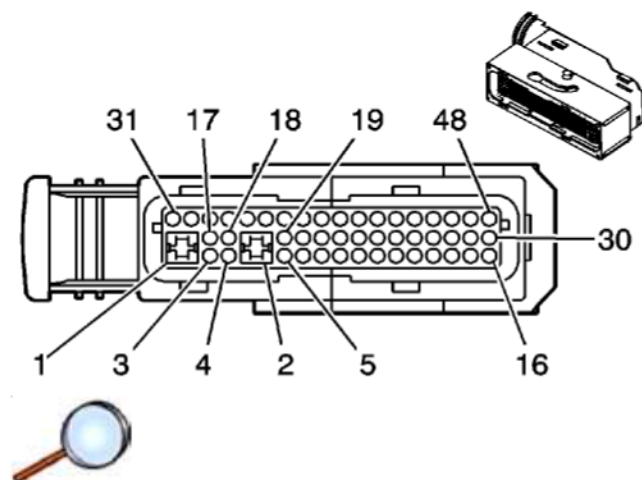
- Pins: 1-3
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Electronic Compass Module

Pin	Wire	Circuit	Function
1	0.35 OG	300	Ignition 3 Voltage
2	0.35 BK/WH	851	Ground

3	0.35 D-GN	6134	Local Interconnect Network 3
4	--	--	Not Used

Electronic Suspension Control (ESC) Module (F55)



Connector Part Information

- OEM: 54210060
- Service: 89047158
- Description: 48-Way F DRAD (BK)

Terminal Part Information

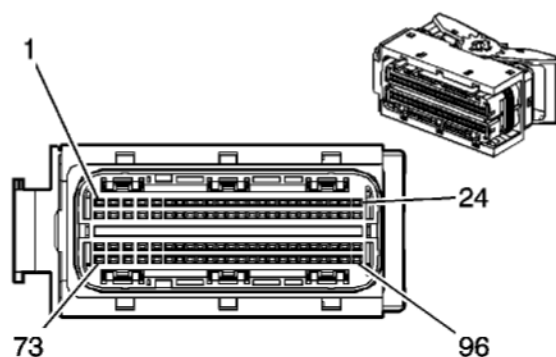
- Pins: 1, 2
- Terminal/Tray: 60040441/21
- Core/Insulation Crimp: 4/5
- Release Tool/Test Probe: 12093647/J-35616-40 (BU)
- Pins: 6, 19, 22, 40
- Terminal/Tray: 60000611/21
- Core/Insulation Crimp: 8/8
- Release Tool/Test Probe: 15314260/J-35616-2A (GY)
- Pins: 3, 4, 17, 18, 31-34, 13-16, 20, 21, 27-30, 39, 45-48
- Terminal/Tray: 60000631/21
- Core/Insulation Crimp: Pins 3, 4, 17, 18, 31-34 - 2/1
- Core/Insulation Crimp: Pins 13-16, 20, 21, 27-30, 39, 45-48 - See Terminal Repair Kit
- Release Tool/Test Probe: 15314260/J-35616-2A (GY)

Electronic Suspension Control (ESC) Module (F55)

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 PU/WH	1205	Left Front Suspension Position Sensor Voltage Reference
3	0.35 PU/WH	1211	Right Front Suspension Position Sensor Voltage Reference
4	0.35 OG/BK	1208	Left Rear Suspension Position Sensor Voltage Reference

5	0.35 OG/BK	1214	Right Rear Suspension Position Sensor Voltage Reference
6-10	--	--	Not Used
11	0.35 L-GN/BK	1215	Right Rear Suspension Position Sensor Low Reference
12-16	--	--	Not Used
17	0.35 TN/WH	1207	Left Front Suspension Position Sensor Signal
18	0.35 TN/WH	1213	Right Front Suspension Position Sensor Signal
19	0.35 L-GN/WH	1216	Right Rear Suspension Position Sensor Signal
20-23	--	320	Automatic Level Control Exhaust Solenoid Control
24	0.5 TN	2501	High Speed GMLAN Serial Data Bus -
25	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus +
26	0.35 L-BU/BK	1212	Right Front Suspension Position Sensor Low Reference
27	0.35 L-GN/BK	1209	Left Rear Suspension Position Sensor Low Reference
28	0.8 OG/BK	1013	Left Rear Damper Low Reference
29	0.8 BN	1009	Right Front Damper Low Reference
30	0.8 L-GN	1005	Left Front Damper Low Reference
31	0.35 L-BU	5986	High Speed GMLAN Serial Data Wake Up
32	2 RD/WH	5340	Battery Positive Voltage
33	0.35 L-GN/WH	1210	Left Rear Suspension Position Sensor Signal
34-38	--	--	Not Used
39	0.5 TN	2501	High Speed GMLAN Serial Data Bus -
40	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus +
41	0.35 L-BU/BK	1206	Left Front Suspension Position Sensor Low Reference
42	0.8 YE	1014	Right Rear Damper Control
43	0.8 OG	1010	Left Rear Damper Control
44	0.8 PU	1017	Right Rear Damper Low Reference
45	0.8 WH/BK	1006	Right Front Damper Control
46	0.8 OG/BK	1448	Left Front Damper Control
47	2 BK	850	Ground
48	--	--	Not Used

Engine Control Module (ECM) X1 (LLT)



Connector Part Information

- OEM: 1928404781
- Service: 19149311
- Description: 96-Way F 1.2 Series Sealed (BK)

Terminal Part Information

- Terminal/Tray: 1928498135/19
- Core/Insulation Crimp: Pins 1,2, 6, 7, 9, 10, 14, 15, 18, 24, 25, 30, 33-36, 38-46, 48, 49, 55-57, 59-61, 67, 70, 72, 73, 76, 77, 79-84, 88-90, 92, 93, 96 - J/J
- Core/Insulation Crimp: Pins 3-5, 26-29, 50-53, 74, 75 - K/K
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

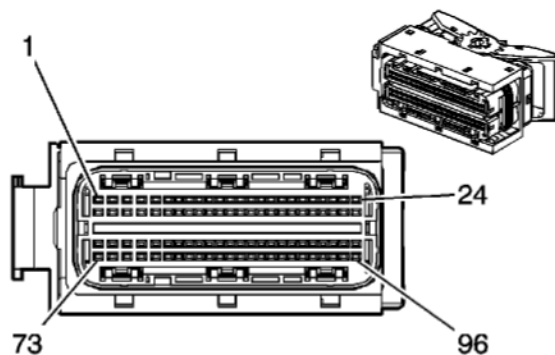
Engine Control Module (ECM) X1 (LLT)

Pin	Wire	Circuit	Function
1	0.75 L-GN	5282	Camshaft Phaser Exhaust Solenoid (1)
2	0.75 PU	5284	Camshaft Phaser Intake Solenoid (1)
3	1 PU/WH	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6
4	1 PU	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6
5	1 YE	7301	High Pressure Fuel Pump Actuator High Control
6	0.75 D-GN/WH	428	EVAP Canister Purge Solenoid Control
7	0.5 OG	5275	Camshaft Position Intake Sensor (1)
8	--	--	Not Used
9	0.5 PU	5274	Camshaft Position Exhaust Sensor (2)
10	0.5 RD	225	Generator Turn On Signal
11-13	--	--	Not Used
14	0.35 GY	5127	After Boil Heater Relay Control
15	0.5 GY	705	5-Volt Reference 2
16-17	--	--	Not Used
18	0.35 BN	7448	Vacuum Assist Pump Relay Coil Control
19-23	--	--	Not Used
24	0.5 YE	581	TAC Motor Control - 1

25	0.8 WH/BK	5283	Camshaft Phaser Exhaust Solenoid (2)
26	1 D-GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3
27	1 D-GN/WH	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3
28	1 L-GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5
29	1 L-GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5
30	0.5 GY	23	Generator Field Duty Cycle Signal
31-32	--	--	Not Used
33	0.5 YE	5276	Camshaft Position Intake Sensor (2)
34	0.5 D-GN	5273	Camshaft Position Exhaust Sensor
35	0.5 YE	573	CKP Sensor Signal
36	0.5 YE	2918	FRP Sensor Signal
37	--	--	Not Used
38	0.5 GY	598	5-Volt Reference 1
39	0.5 GY	2701	5-Volt Reference 3
40	0.5 GY	596	5-Volt Reference 1
41	0.5 BK	552	Low Reference
42	0.5 BK	808	Low Reference
43	0.5 BK	470	Low Reference
44	0.5 BK	476	Low Reference
45	0.5 GY	605	5-Volt Reference 3
46	0.5 BK	452	Low Reference
47	--	--	Not Used
48	0.5 BN	582	TAC Motor Control - 2
49	0.8 OG/BK	5272	Camshaft Phaser Intake Solenoid
50	1 L-BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4
51	1 BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1
52	1 D-BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2
53	1 D-BU/WH	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2
54	--	--	Not Used
55	0.5 PU	2121	IC 1 Control
56	0.5 L-BU	2123	IC 3 Control
57	0.5 D-GN	2125	IC 5 Control
58	--	--	Not Used
59	0.5 D-BU	496	Knock Sensor Signal
60	0.5 GY	2303	Knock Sensor Signal
61	0.5 TN/WH	331	Oil Pressure Sensor Signal
62-66	--	--	Not Used
67	0.5 TN/WH	3111	HO2S Low Reference (Bank 1 Sensor 1)
68-69	--	--	Not Used
70	0.5 PU/WH	3210	HO2S Reference Voltage (Bank 2 Sensor 1)

71	--	--	Not Used
72	0.75 L-GN	3212	HO2S Heater Low Control Bank 2 Sensor 1
73	0.8 PU	7300	High Pressure Fuel Pump Actuator Low Control
74	1 L-BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4
75	1 BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1
76	0.5 PK/BK	5291	Ignition 1 Voltage
77	0.5 PK/BK	5292	Ignition 1 Voltage
78	--	--	Not Used
79	0.5 RD/WH	2122	IC 2 Control
80	0.5 D-GN/WH	2124	IC 4 Control
81	0.5 L-BU/WH	2126	IC 6 Control
82	0.5 YE	410	ECT Sensor Signal
83	0.5 GY	1716	Knock Sensor Signal
84	0.5 L-BU	1876	Knock Sensor 2 Signal
85-87	--	--	Not Used
88	0.5 BK	2752	Low Reference
89	0.5 PU	486	TP Sensor 2 Signal
90	0.5 D-GN	485	TP Sensor 1 Signal
91	--	--	Not Used
92	0.5 PU/WH	3110	HO2S Reference Voltage (Bank 1 Sensor 1)
93	0.5 TN/WH	3211	HO2S Low Reference (Bank 1 Sensor 1)
94-95	--	--	Not Used
96	0.75 BK/WH	3113	Heater Low Control Bank 1 Sensor 1

Engine Control Module (ECM) X1 (LP1 / LY7)



Connector Part Information

- OEM: 1928404781
- Service: 19149311

- Description: 96-Way F 1.2 Series Sealed (BK)

Terminal Part Information

- Pins: 26, 49, 51, 52
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)
- Pins: 1, 2, 4, 5, 7, 9, 10, 12, 13, 15, 24-26, 28, 30, 33-35, 39-41, 43-46, 48, 50-52, 55, 56, 57, 59-61, 67, 70, 72, 78-84, 88-90, 92, 93, 96,
- Terminal/Tray: 1928498135/19
- Core/Insulation Crimp: Pins 1, 2, 4, 5, 7, 9, 10, 12, 13, 15, 24, 25, 28, 30, 33-35, 39-41, 43-46, 48, 50, 55-57, 59-61, 67, 70, 72, 78-84, 88-90, 92, 93, 96 - J/J
- Core/Insulation Crimp: Pins 4, 26, 28, 50-52 - K/K
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

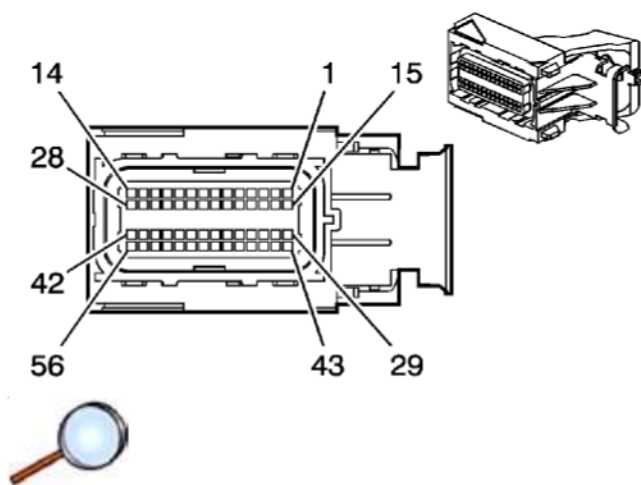
Engine Control Module (ECM) X1 (LP1/LY7)

Pin	Wire	Circuit	Function
1	0.75 L-GN	5282	Camshaft Phaser Exhaust Solenoid
2	0.75 PU	5284	Camshaft Phaser Intake Solenoid
3	--	--	Not Used
4	0.75 YE/BK	846	Fuel Injector 6 Control
5	0.75 D-GN/WH	428	EVAP Canister Purge Solenoid Control
6	--	--	Not Used
7	0.5 OG	5275	Camshaft Position Intake Sensor
8	--	--	Not Used
9	0.5 PU	5274	Camshaft Position Exhaust Sensor
10	0.5 RD	225	Generator Turn On Signal
11	--	--	Not Used
12	0.5 L-BU	7302	Intake Manifold Tuning Valve (IMTV) Control Signal
13	0.5 BN/WH	2130	Low Reference
14	--	--	Not Used
15	0.5 GY	705	5-Volt Reference 2
16-23	--	--	Not Used
24	0.5 YE	581	TAC Motor Control - 1
25	0.75 WH/BK	5283	Camshaft Phaser Exhaust Solenoid
26	0.8 PK/BK	1746	Fuel Injector 3 Control
27	--	--	Not Used
28	0.75 BK/WH	845	Fuel Injector 5 Control
29	--	--	Not Used
30	0.5 GY	23	Generator Field Duty Cycle Signal
31-32	--	--	Not Used
33	0.5 YE	5276	Camshaft Position Intake Sensor
34	0.5 D-GN	5273	Camshaft Position Exhaust Sensor

35	0.5 YE	573	CKP Sensor Signal
36-38	--	--	Not Used
39	0.5 GY	2701	5-Volt Reference 3
40	0.5 GY	596	5-Volt Reference 1
41	0.5 BK	552	Low Reference
42	--	--	Not Used
43	0.5 BK	470	Low Reference
44	0.5 BK	476	Low Reference
45	0.5 GY	605	5-Volt Reference 3
46	0.5 BK	452	Low Reference
47	--	--	Not Used
48	0.5 BN	582	TAC Motor Control - 2
49	0.75 OG/BK	5272	Camshaft Phaser Intake Solenoid
50	0.75 L-BU/BK	844	Fuel Injector 4 Control
51	0.8 BK	1744	Fuel Injector 1 Control
52	0.75 L-GN/BK	1745	Fuel Injector 2 Control
53-54	--	--	Not Used
55	0.5 PU	2121	IC 1 Control
56	0.5 L-BU	2123	IC 3 Control
57	0.5 D-GN	2125	IC 5 Control
58	--	--	Not Used
59	0.5 D-BU	496	Knock Sensor Signal
60	0.5 GY	2303	Knock Sensor Signal
61	0.5 TN/WH	331	Oil Pressure Sensor Signal
62-64	--	--	Not Used
65	0.5 YE	7017	Variable Intake Manifold Position Signal
66	--	--	Not Used
67	0.5 TN/WH	3111	HO2S Reference Voltage (Bank 1 Sensor 1)
68-69	--	--	Not Used
70	0.5 PU/WH	3210	HO2S Low Reference (Bank 2 Sensor 1)
71	--	--	Not Used
72	0.8 L-GN	3212	HO2S Heater Low Control Bank 2 Sensor 1
73-77	--	--	Not Used
78	0.5 BN	2129	Low Reference
79	0.5 RD/WH	2122	IC 2 Control
80	0.5 D-GN/WH	2124	IC 4 Control
81	0.5 L-BU/WH	2126	IC 6 Control
82	0.5 YE	410	ECT Sensor Signal
83	0.5 GY	1716	Knock Sensor Signal
84	0.5 L-BU	1876	Knock Sensor 2 Signal

85-87	--	--	Not Used
88	0.5 BK	2752	Low Reference
89	0.5 PU	486	TP Sensor 2 Signal
90	0.5 D-GN	485	TP Sensor 1 Signal
91	--	--	Not Used
92	0.5 PU/WH	3110	HO2S Low Reference (Bank 1 Sensor 1)
93	0.5 TN/WH	3211	HO2S Reference Voltage (Bank 2 Sensor 1)
94-95	--	--	Not Used
96	0.8 BK/WH	3113	HO2S Heater Low Control Bank 1 Sensor 1

Engine Control Module (ECM) X1 (LSA)



Connector Part Information

- OEM: 34576-5803
- Service: See Catalog
- Description: 56-Way F MX123 34567 Series (BU)

Terminal Part Information

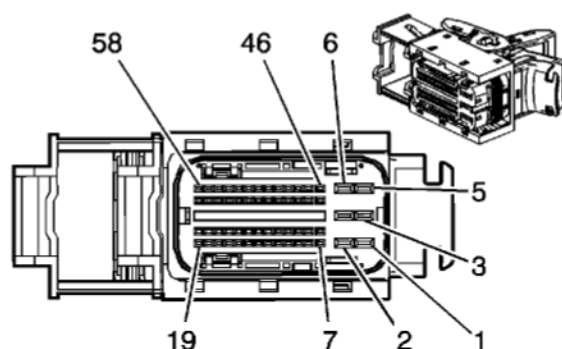
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Engine Control Module (ECM) X1 (LSA)

Pin	Wire	Circuit	Function
1-6	--	--	Not Used
7	0.5 WH	17	Low Reference
8	--	--	Not Used
9	0.5 GY/BN	7345	
10-11	--	--	Not Used

12	0.5 BN/WH	419	Malfunction Indicator Lamp (MIL) Control
13	0.5 D-GN/WH	465	Fuel System Control Module Signal Fuel Pump Relay Control - Primary
14-17	--	--	Not Used
18	0.5 D-BU	5985	
19	0.5 PK	339	
20	0.5 RD/WH	340	
21-25	--	--	Not Used
26	0.5 YE	447	
27-32	--	--	Not Used
33	0.35 WH/BK	1164	5-Volt Reference
34	0.5 D-BU/YE	7346	
35	0.35 TN	1274	5-Volt Reference
36	0.35 BN	1271	Low Reference
37	0.35 PU	1272	Low Reference
38-39	--	--	Not Used
40	0.5 BN	5069	
41-43	--	--	Not Used
44	0.5 D-BU	1936	Fuel Level Sensor Signal - Primary
45	0.5 L-BU	1937	Fuel Level Sensor - Secondary
46	0.8 BN	7123	Super Charger Inlet Air Pressure Sensor Signal
47	0.35 D-BU	1161	Accelerator Pedal Position (APP) Sensor 1 Signal
48	0.5 D-GN	890	Fuel Tank Pressue Sensor Signal
49	0.35 L-BU	1162	Accelerator Pedal Position (APP) Sensor 2 Signal
50-52	--	--	Not Used
53	0.5 D-GN/WH	459	
54	0.5 D-BU	473	
55	0.75 WH	1310	EVAP Canister Vent Solenoid Valve Control
56	--	--	Not Used

Engine Control Module (ECM) X2 (LLT)



Connector Part Information

- OEM: 1928404780
- Service: 88988935
- Description: 58-Way F 2.8 Series Sealed (BK)

Terminal Part Information

- Pins: 1-6
- Terminal/Tray: 1928498058/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)
- Pins: 7, 9-11, 13-15, 17-27, 34-39, 41-52, 54-58
- Terminal/Tray: 1928498135/19
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

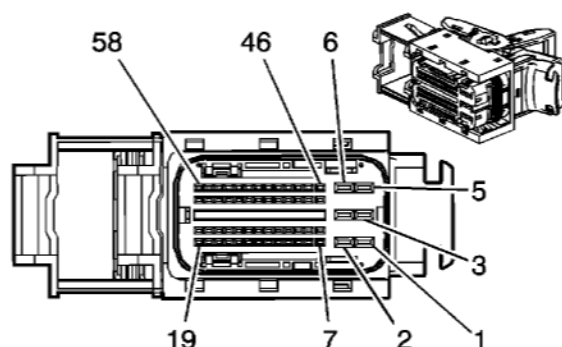
Engine Control Module (ECM) X2 (LLT)

Pin	Wire	Circuit	Function
1	0.75 BK/WH	1551	Ground
2	0.75 BK/WH	1551	Ground
3	0.8 PK/BK	5290	Ignition 1 Voltage
4	0.75 BK/WH	1551	Ground
5	0.8 PK/BK	5290	Ignition 1 Voltage
6	0.8 PK/BK	5290	Ignition 1 Voltage
7	0.75 BK/WH	3122	HO2S Heater Low Control Bank 2 Sensor 1
8	--	--	Not Used
9	0.5 GY/BN	7345	Manual Transmission Clutch Position Sensor Low Reference
10	0.5 D-GN/WH	465	Fuel Pump Relay Control
11	0.5 TN	5514	Low Reference
12	--	--	Not Used
13	0.5 YE	492	MAF Sensor Signal

14	0.5 BU/YE	7346	Manual Transmission Clutch Position Sensor Voltage Reference 1
15	0.5 D-BU	1161	APP Sensor 1 Signal
16	--	--	Not Used
17	0.5 OG/BK	1786	Ignition Lock Cylinder Control Actuator Signal
18	0.5 L-GN	5007	Backup Lamp Switch Signal
19	0.5 WH	1310	EVAP Canister Vent Solenoid Control
20	0.75 RD/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2) (MV7)
20	0.75 RD/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2) (MYB)
21	0.5 BN/WH	419	MIL Control
22	0.5 BK	2760	Low Reference
23	0.5 TN/WH	3121	HO2S Low Signal (Bank 1 Sensor 2)
24	0.5 TN	3221	HO2S Low Signal (Bank 2 Sensor 2)
25	0.5 L-BU	1162	APP Sensor 2 Signal
26	0.5 L-BU	1937	Secondary Fuel Level Sensor Signal
27	0.5 D-GN	890	Fuel Tank Pressure Sensor Signal
28-33	--	--	Not Used
34	0.5 BN	1271	Low Reference
35	0.5 GY	2700	5-Volt Reference 3
36	0.5 D-BU	1936	Fuel Level Sensor Signal
37	0.5 TN	6338	Manual Transmission Clutch Position Sensor Signal Position
38	0.5 PU	3120	HO2S High Signal (Bank 1 Sensor 2)
39	0.5 RD/BK	380	A/C Refrigerant Pressure Sensor Signal
40	--	--	Not Used
41	0.5 D-BU	5985	Accessory Wakeup Serial Data
42	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
43	0.5 PU/WH	821	VSS High Signal
44	0.5 D-GN/WH	459	A/C Compressor Clutch Relay Control
45	0.5 D-BU	473	High Speed Cooling Fan Relay Control
46	0.5 D-GN	335	Low Speed Cooling Fan Relay Control
47	0.5 PU	1272	Low Reference
48	0.5 TN	1274	5-Volt Reference 3
49	0.5 WH/BK	1164	5-Volt Reference 2
50	0.5 L-BU	6289	Induction Air Temperature Sensor Signal
51	0.5 PU	3220	HO2S High Signal (Bank 2 Sensor 2)
52	0.5 WH	17	Stop Lamp Switch Signal or Stop Lamp Supply Voltage
53	--	--	Not Used
54	0.5 PK	339	Ignition 1 Voltage
55	0.5 TN	2501	High Speed GMLAN Serial Data Bus-

56	0.75 OG	340	Battery Positive Voltage
57	0.5 YE	447	Starter Relay Coil Control
58	0.5 BN	5069	Main Relay Control

Engine Control Module (ECM) X2 (LP1 / LY7)



Connector Part Information

- OEM: 1928404780
- Service: See Catalog
- Description: 58-Way F 2.8 Series Sealed (BK)

Terminal Part Information

- Pins: 3, 5, 6
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)
- Pins: 9-11, 13, 14, 17, 19, 22, 26, 27, 35, 36, 39, 41, 44-46, 50, 52, 54, 56-58
- Terminal/Tray: 1928498135/19
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

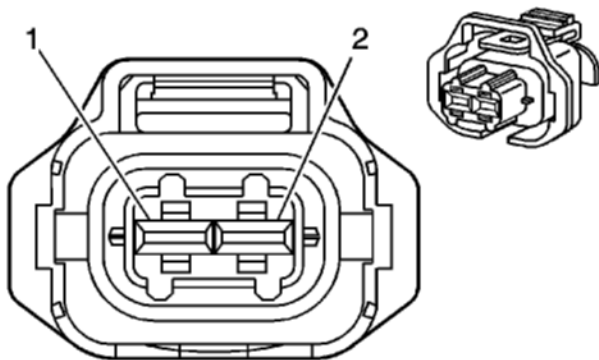
Engine Control Module (ECM) X2 (LP1 / LY7)

Pin	Wire	Circuit	Function
1	0.75 BK/WH	1551	Ground
2	0.75 BK/WH	1551	Ground
3	0.8 PK/BK	5290	Ignition 1 Voltage
4	0.75 BK/WH	1551	Ground
5	0.8 PK/BK	5290	Ignition 1 Voltage
6	0.8 PK/BK	5290	Ignition 1 Voltage
7	0.75 BK/WH	3122	HO2S Heater Low Control Bank 2 Sensor 1
8	--	--	Not Used

9	0.5 GY/BN	7345	Manual Transmission Clutch Position Sensor Low Reference
10	0.5 D-GN/WH	465	Fuel Pump Relay Control
11	0.5 TN	5514	Low Reference
12	0.5 BN/WH	419	MIL Control
13	0.5 YE	492	MAF Sensor Signal
14	0.5 BU/YE	7346	Manual Transmission Clutch Position Sensor Volt Reference 1
15	0.5 D-BU	1161	APP Sensor 1 Signal
16	--	--	Not Used
17	0.5 OG/BK	1786	Ignition Lock Cylinder Control Actuator Signal
18	0.35 L-GN	5007	Backup Lamp Switch Signal (MV7)
19	0.75 WH	1310	EVAP Canister Vent Solenoid Control
20	0.75 RD/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)
21	--	--	Not Used
22	0.5 BK	2760	Low Reference
23	0.5 TN/WH	3121	HO2S Low Signal (Bank 1 Sensor 2)
24	0.5 TN	3221	HO2S Low Signal (Bank 2 Sensor 2)
25	0.5 L-BU	1162	APP Sensor 2 Signal
26	0.5 L-BU	1937	Secondary Fuel Level Sensor Signal
27	0.5 D-GN	890	Fuel Tank Pressure Sensor Signal
28-33	--	--	Not Used
34	0.5 BN	1271	Low Reference
35	0.5 GY	2700	5-Volt Reference 3
36	0.5 D-BU	1936	Fuel Level Sensor Signal - Secondary
37	0.5 TN	6338	Manual Transmission Clutch Position Sensor Signal Position (MV7)
38	0.5 PU	3120	HO2S High Signal (Bank 1 Sensor 2)
39	0.5 RD/BK	380	A/C Refrigerant Pressure Sensor Signal
40	--	--	Not Used
41	0.5 D-BU	5985	Accessory Wakeup Serial Data
42	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
43	0.5 PU/WH	821	VSS High Signal (MV7)
44	0.5 D-GN/WH	459	A/C Compressor Clutch Relay Control
45	0.5 D-BU	473	High Speed Cooling Fan Relay Control
46	0.5 D-GN	335	Low Speed Cooling Fan Relay Control
47	0.5 PU	1272	Low Reference
48	0.5 TN	1274	5-Volt Reference 3
49	0.5 WH/BK	1164	5-Volt Reference 2
50	0.5 L-BU	6289	Induction Air Temperature Sensor Signal

51	0.5 PU	3220	HO2S High Signal (Bank 2 Sensor 2)
52	0.5 WH	17	Stop Lamp Switch Signal or Stop Lamp Supply Voltage
53	--	--	Not Used
54	0.5 PK	339	Ignition 1 Voltage
55	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
56	0.5 OG	340	Battery Positive Voltage
57	0.5 YE	447	Starter Relay Coil Control
58	0.5 BN	5069	Main Relay Control

Engine Coolant Temperature (ECT) Sensor (LP1 / LY7 / LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

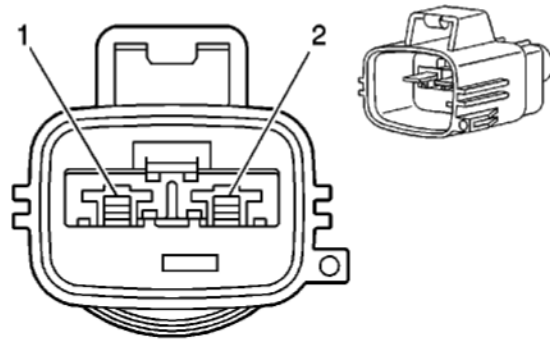
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Engine Coolant Temperature (ECT) Sensor (LP1 / LY7 / LLT)

Pin	Wire	Circuit	Function
1	0.5 YE	410	ECT Sensor Signal
2	0.5 BK	476	Low Reference

Engine Cooling Fan - Left



Connector Part Information

- OEM: 7282-5596-10
- Service: 88953304
- Description: 2-Way M 6.3 Series Sealed (D-GY)

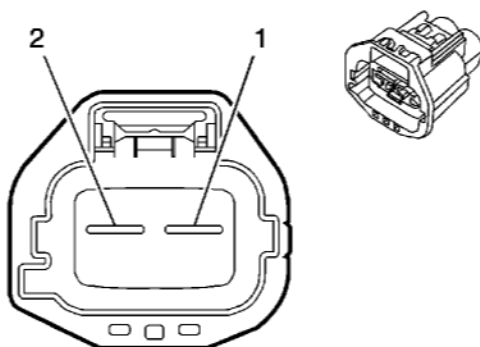
Terminal Part Information

- Terminal/Tray: 7114-4142-02/10
- Core/Insulation Crimp: A/3
- Release Tool/Test Probe: 12094430/J-35616-43 (RD)

Engine Cooling Fan - Left

Pin	Wire	Circuit	Function
1	3 L-BU	409	Cooling Fan Motor Supply Voltage
2	3 BK	150	Ground

Engine Cooling Fan - Right



Connector Part Information

- OEM: 7283-5596-10

- Service: See Catalog
- Description: 2-Way F Sealed (D-GY)

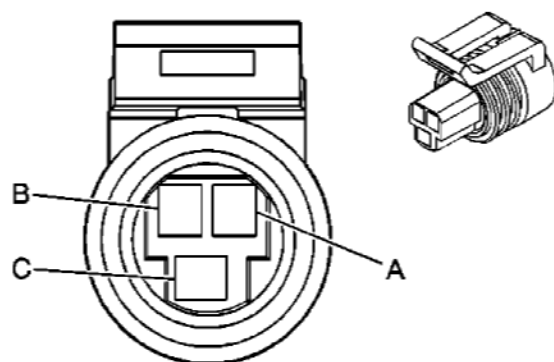
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Engine Cooling Fan - Right

Pin	Wire	Circuit	Function
1	3 GY	532	Cooling Fan Motor Supply Voltage
2	3 WH	504	Cooling Fan Low Reference

Engine Oil Pressure (EOP) Sensor (LP1 /LY7 /LLT)



Connector Part Information

- OEM: 12065287
- Service: See Catalog
- Description: 3-Way F Metri-Pack 150 Series (BK)

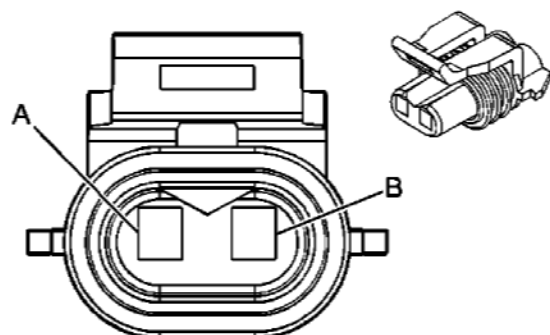
Terminal Part Information

- Terminal/Tray: 12103881/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-14 (GN)

Engine Oil Pressure (EOP) Sensor (LP1 /LY7 /LLT)

Pin	Wire	Circuit	Function
A	0.5 BK	470	Low Reference
B	0.5 GY	596	5-Volt Reference 1
C	0.5 TN/WH	331	Oil Pressure Sensor Signal

Evaporative Emission (EVAP) Canister Vent Solenoid Valve

(LP1/LY7/LLT)**Connector Part Information**

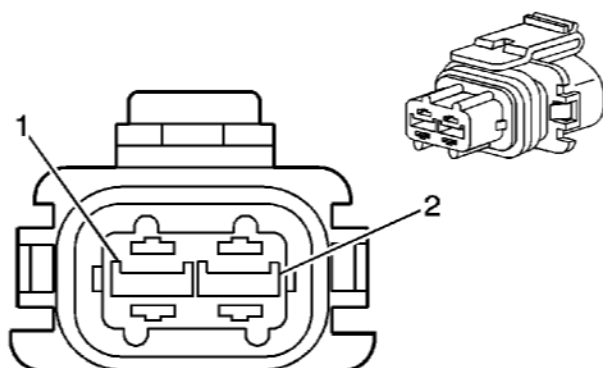
- OEM: 12052637
- Service: See Catalog
- Description: 2-Way F (RD)

Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Evaporative Emission (EVAP) Canister Vent Solenoid Valve
(LP1/LY7/LLT)**

Pin	Wire	Circuit	Function
A	0.8 RD	1540	Battery Positive Voltage
B	0.8 WH	1310	EVAP Canister Vent Solenoid Control

**Evaporative Emissions (EVAP) Canister Purge Solenoid Valve
(LP1/LY7/LLT)**



Connector Part Information

- OEM: 1928404072
- Service: 88988586
- Description: 2-Way F (BK)

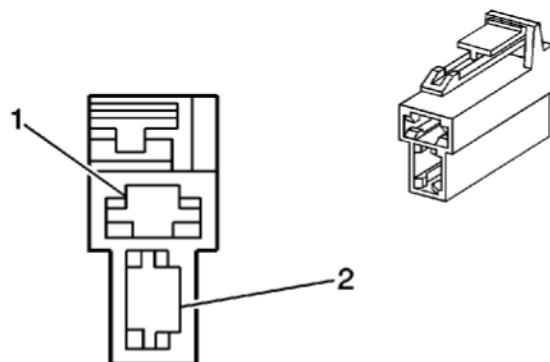
Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Evaporative Emissions (EVAP) Canister Purge Solenoid Valve (LP1/LY7/LLT)

Pin	Wire	Circuit	Function
1	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply
2	0.75 D-GN/WH	428	EVAP Canister Purge Solenoid Control

Evaporator Temperature Sensor



Connector Part Information

- OEM: 7123-2820
- Service: See Catalog
- Description: 2-Way F (N/A)

Terminal Part Information

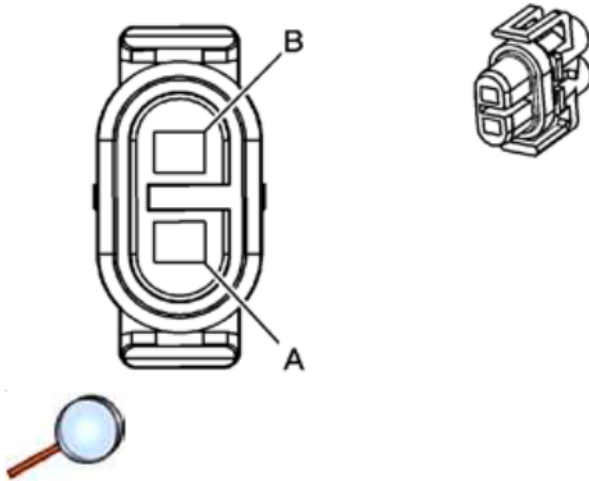
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Evaporator Temperature Sensor

--	--	--	--

Pin	Wire	Circuit	Function
1	0.35 PK	2262	A/C Orifice Solenoid Supply Voltage
2	0.35 YE	61	Low Reference

Fog Lamp - Left Front (T96)



Connector Part Information

- OEM: 12124819
- Service: See Catalog
- Description: 2-Way F Metri-Pack 280 Series Sealed (BK)

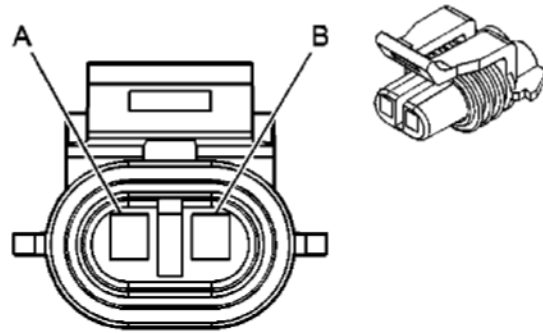
Terminal Part Information

- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

Fog Lamp - Left Front (T96)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Fog Lamps Supply Voltage 2
B	0.5 BK	150	Ground

Fog Lamp - Left Rear (T79)



Connector Part Information

- OEM: 12052641
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (BK)

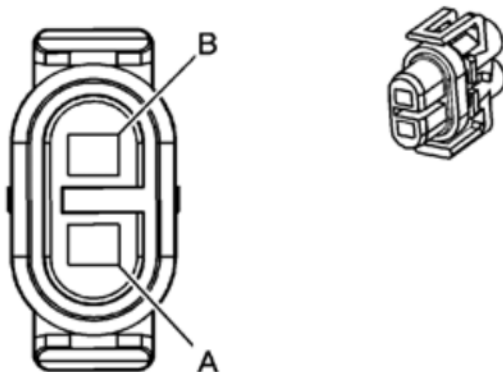
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Fog Lamp - Left Rear (T79)

Pin	Wire	Circuit	Function
A	0.35 OG	122	Fog Lamps Supply Voltage 1
B	0.5 BK	1050	Ground

Fog Lamp - Right Front (T96)



Connector Part Information

- OEM: 12124819

- Service: See Catalog
- Description: 2-Way F Metri-Pack 280 Series Sealed (BK)

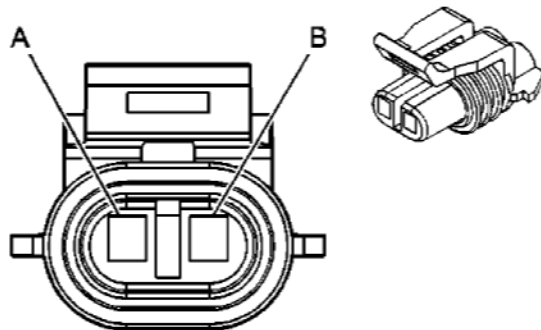
Terminal Part Information

- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

Fog Lamp - Right Front (T96)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Fog Lamps Supply Voltage 2
B	0.5 BK	250	Ground

Fog Lamp - Right Rear (T79)



Connector Part Information

- OEM: 12052641
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (BK)

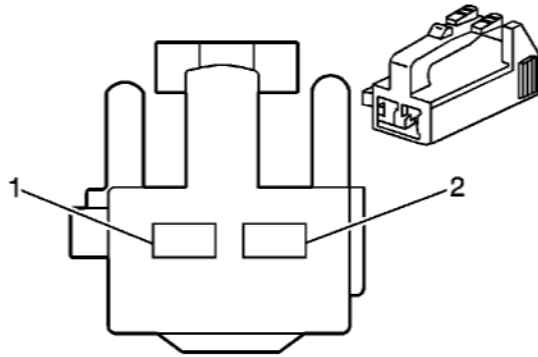
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Fog Lamp - Right Rear (T79)

Pin	Wire	Circuit	Function
A	0.35 OG	122	Fog Lamps Supply Voltage 1
B	0.5 BK	1050	Ground

Fuel Door Release Actuator (N08)



Connector Part Information

- OEM: 1452140-3
- Service: See Catalog
- Description: 2-Way F (NA)

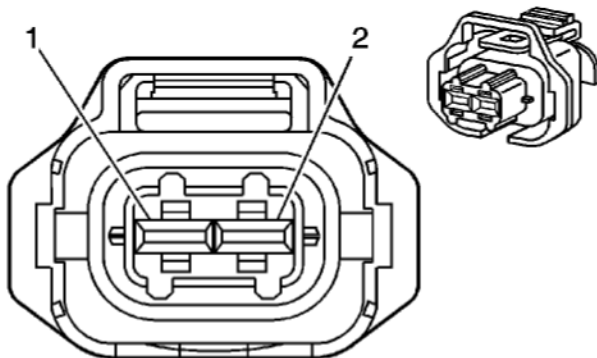
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Door Release Actuator (N08)

Pin	Wire	Circuit	Function
1	1 GY	295	Door Lock Actuator Lock Control
2	1 TN	694	Driver Door Lock Actuator Unlock Control

Fuel Injector 1 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

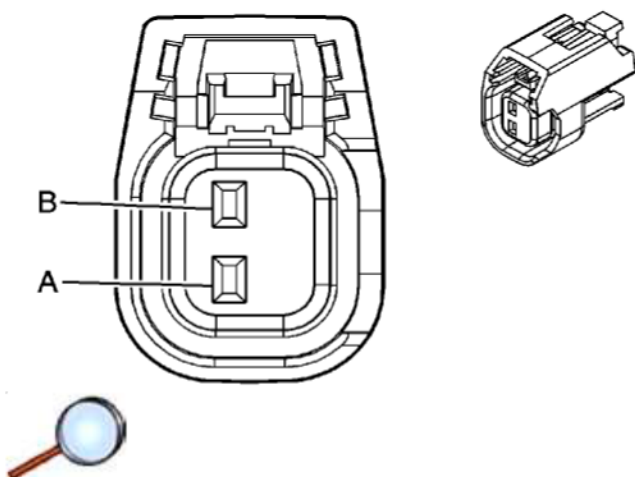
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 1 (LLT)

Pin	Wire	Circuit	Function
1	1 TN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1
2	1 BK	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1

Fuel Injector 1 (LP1/LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

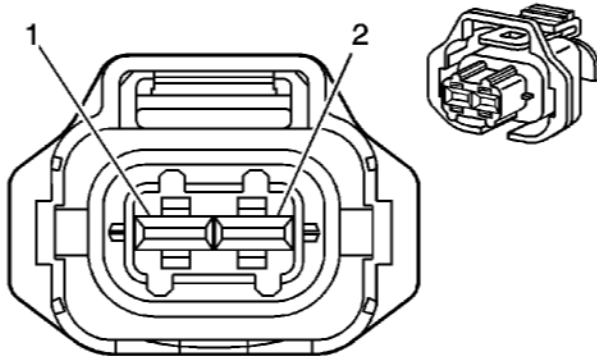
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 1 (LP1/LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5291	Ignition 1 Voltage
B	0.8 TN	1744	Fuel Injector 1 Control

Fuel Injector 2 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

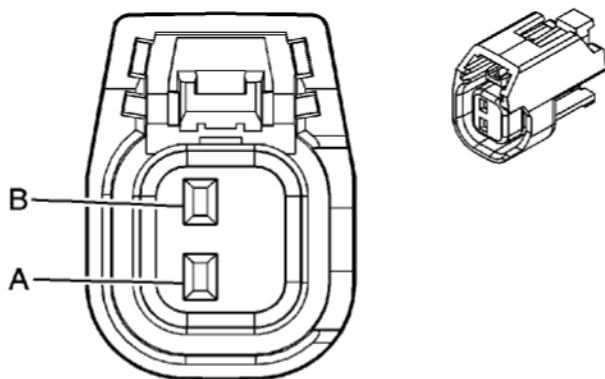
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 2 (LLT)

Pin	Wire	Circuit	Function
1	1 BK	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2
2	1 TN	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2

Fuel Injector 2 (LP1/LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

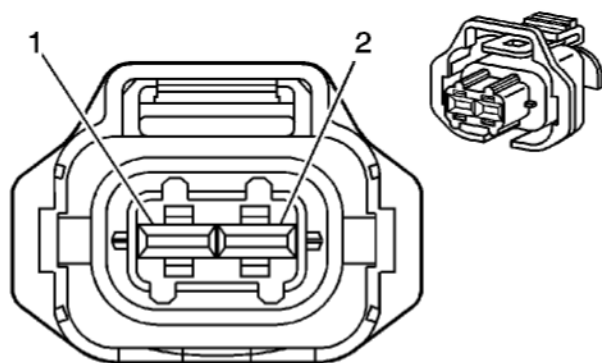
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 2 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5292	Ignition 1 Voltage
B	0.8 L-GN/BK	1745	Fuel Injector 2 Control

Fuel Injector 3 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

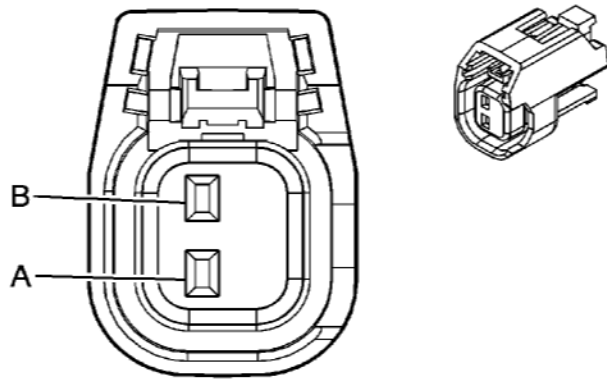
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 3 (LLT)

Pin	Wire	Circuit	Function
1	1 TN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3
2	1 BK	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3

Fuel Injector 3 (LP1 /LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

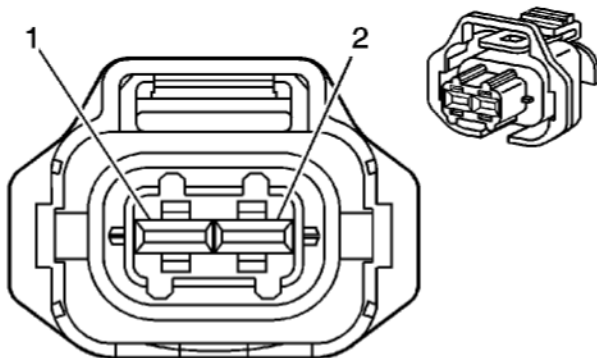
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 3 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5291	Ignition 1 Voltage
B	0.8 PK/BK	1746	Fuel Injector 3 Control

Fuel Injector 4 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

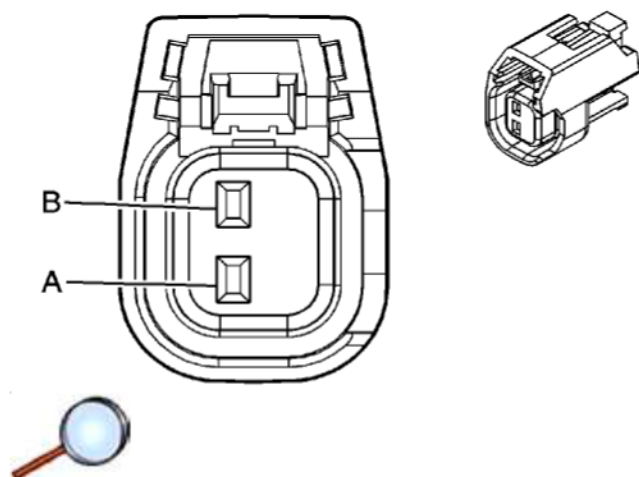
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 4 (LLT)

Pin	Wire	Circuit	Function
1	1 BK	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4
2	1 TN	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4

Fuel Injector 4 (LP1 /LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

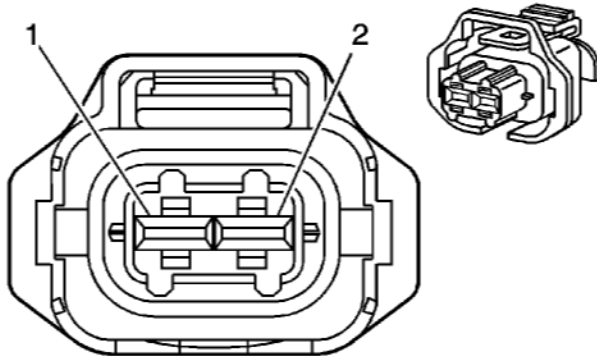
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 4 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5292	Ignition 1 Voltage
B	0.8 L-BU/BK	844	Fuel Injector 4 Control

Fuel Injector 5 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

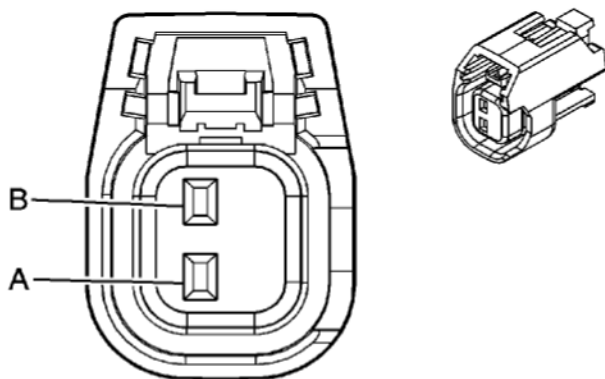
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 5 (LLT)

Pin	Wire	Circuit	Function
1	1 TN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5
2	1 BK	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5

Fuel Injector 5 (LP1/LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

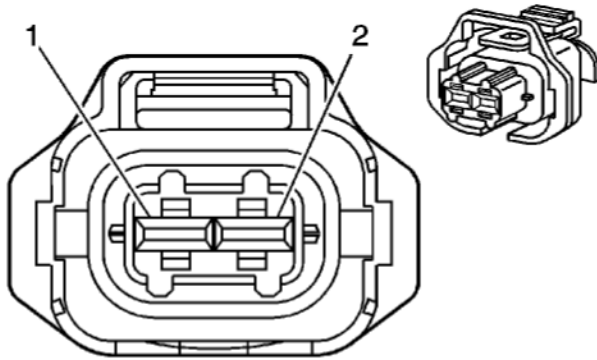
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 5 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5291	Ignition 1 Voltage
B	0.8 TN/WH	845	Fuel Injector 5 Control

Fuel Injector 6 (LLT)



Connector Part Information

- OEM: 1928403874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

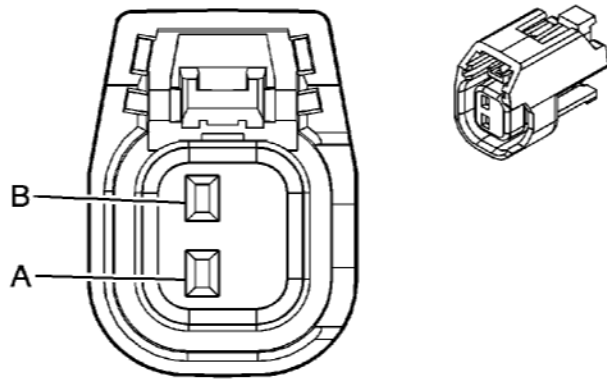
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 6 (LLT)

Pin	Wire	Circuit	Function
1	1 BK	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6
2	1 TN	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6

Fuel Injector 6 (LP1 /LY7)



Connector Part Information

- OEM: 15419715
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

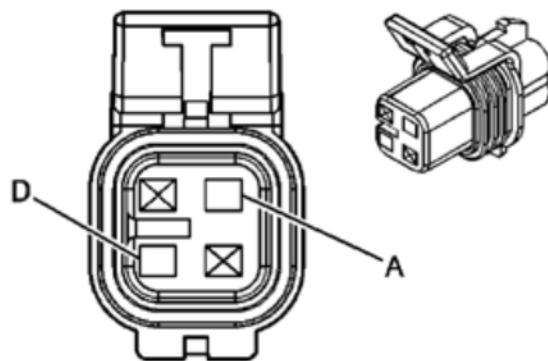
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Injector 6 (LP1 / LY7)

Pin	Wire	Circuit	Function
A	0.8 WH	5292	Ignition 1 Voltage
B	0.8 YE/BK	846	Fuel Injector 6 Control

Fuel Level Sensor (LP1 / LY7 / LLT)



Connector Part Information

- OEM: 12160563
- Service: See Catalog
- Description: 4-Way F Sealed (NA)

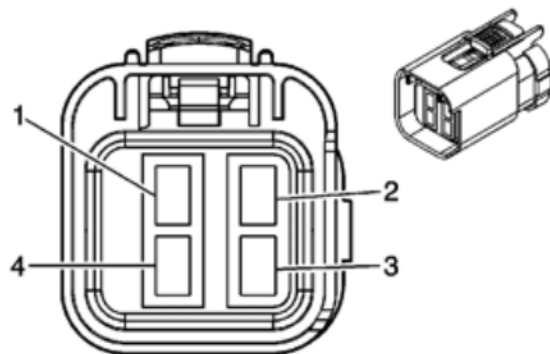
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Level Sensor (LP1 /LY7 /LLT)

Pin	Wire	Circuit	Function
A	0.8 L-BU	1937	Secondary Fuel Level Sensor Signal
B-C	--	--	Not Available
D	0.8 BK	2759	Low Reference

Fuel Pump and Sender Assembly (LP1 /LY7 /LLT)



Connector Part Information

- OEM: 12180482
- Service: See Catalog
- Description: 4-Way F Sealed (BK)

Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Pump and Sender Assembly (LP1 /LY7 /LLT)

Pin	Wire	Circuit	Function
1	0.8 D-BU	1936	Fuel Level Sensor Signal
2	1 GY	120	Fuel Pump Supply Voltage
3	1 BK	1050	Ground

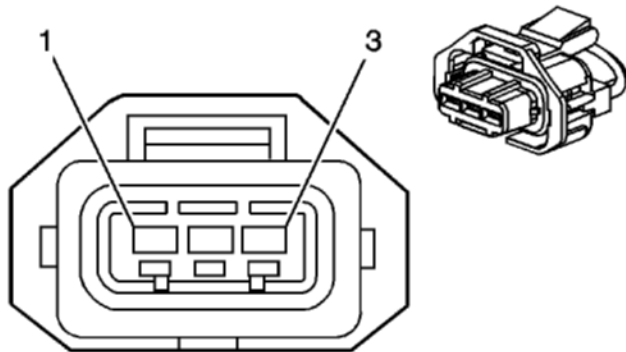
4

0.8 BK

2759

Low Reference

Fuel Rail Pressure (FRP) Sensor (LLT)



Connector Part Information

- OEM: 1928403966
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

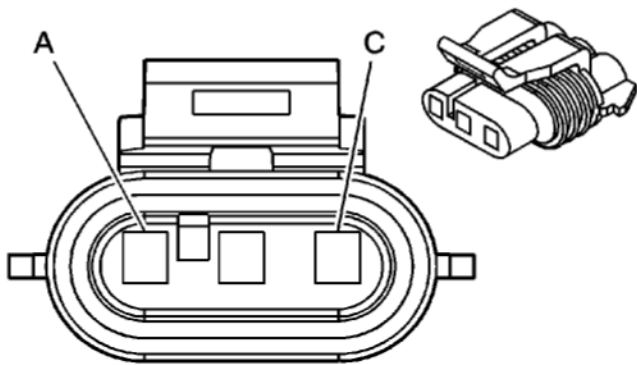
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Rail Pressure (FRP) Sensor (LLT)

Pin	Wire	Circuit	Function
1	0.5 L-BU	808	Low Reference
2	0.5 BK	2918	FRP Sensor Signal
3	0.5 WH	598	5-Volt Reference 1

Fuel Tank Pressure (FTP) Sensor



Connector Part Information

- OEM: 12059595
- Service: See Catalog
- Description: 3-Way F Sealed (BK)

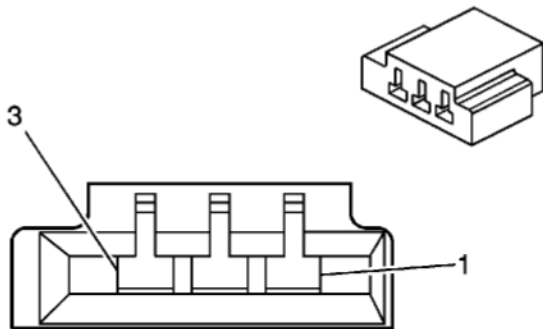
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Fuel Tank Pressure (FTP) Sensor

Pin	Wire	Circuit	Function
A	0.8 TN	2759	Low Reference
B	0.8 D-GN	890	Fuel Tank Pressure Sensor Signal
C	0.8 GY	2709	5-Volt Reference

Garage Door Opener (GDO) (UG1)



Connector Part Information

- OEM: 25661724
- Service: See Catalog
- Description: 3-Way F (BK)

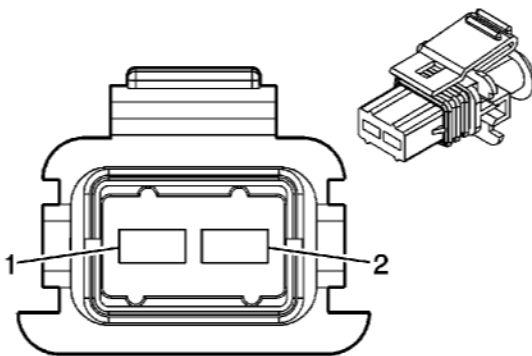
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Garage Door Opener (GDO) (UG1)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	4540	Battery Positive Voltage
2	--	--	Not Used
3	0.35 BK/WH	1051	Ground

Generator X1



Connector Part Information

- OEM: 12186308
- Service: See Catalog
- Description: 2-Way F JPT, Sealed (BK)

Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Generator X1

Pin	Wire	Circuit	Function
1	0.5 OG	225	Generator Turn On Signal
2	0.5 GY	23	Generator Field Duty Cycle Signal

Generator X2

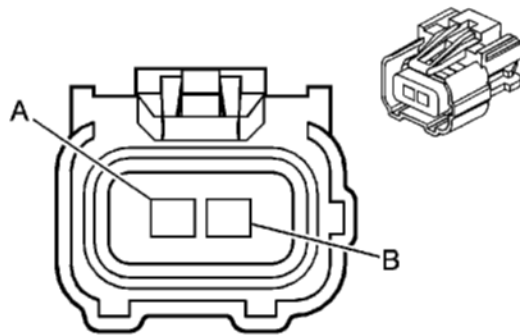
Terminal Part Information

- Terminal: 12146365
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

Generator X2

Pin	Wire	Circuit	Function
--	13 RD	1	Battery Positive Voltage

Headlamp - Left High Beam (without TT6 / TT7 / TT8)



Connector Part Information

- OEM: 15489792
- Service: See Catalog
- Description: 2-Way F (BK)

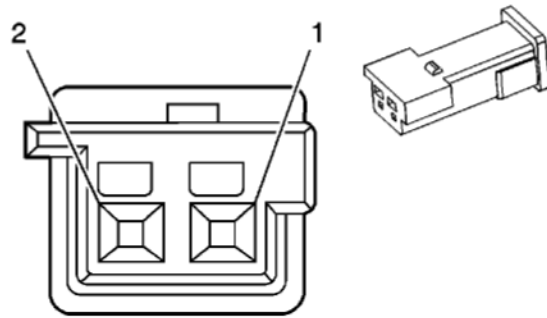
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Left High Beam (without TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
A	0.5 BK	711	Left Headlamp High Beam Supply Voltage
B	0.5 BK	150	Ground

Headlamp - Left High Beam Solenoid (TT6 / TT7 / TT8)



Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

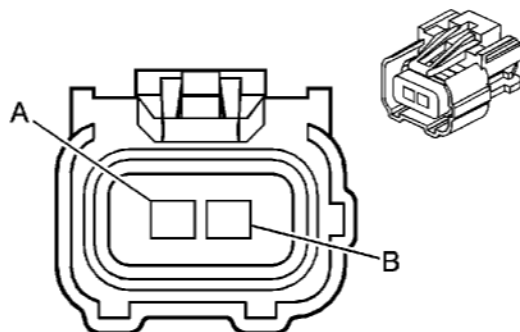
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Left High Beam Solenoid (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 BK	711	Left Headlamp High Beam Supply Voltage
2	0.5 BK	150	Ground

Headlamp - Left Low Beam (without TT6 / TT7 / TT8)



Connector Part Information

- OEM: 15489792

- Service: See Catalog
- Description: 2-Way F 150 Series (BK)

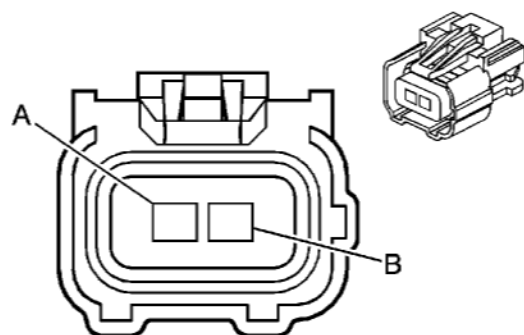
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Left Low Beam (without TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
A	0.5 BK	712	Left Headlamp Low Beam Supply Voltage
B	0.5 BK	150	Ground

Headlamp - Right High Beam (without TT6 / TT7 / TT8)



Connector Part Information

- OEM: 15489792
- Service: See Catalog
- Description: 2-Way F (BK)

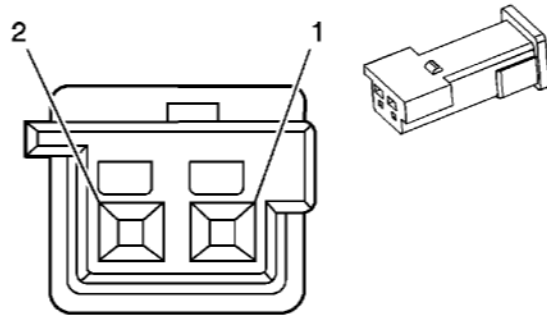
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Right High Beam (without TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
A	0.5 BK	311	Right Headlamp High Beam Supply Voltage
B	0.5 BK	250	Ground

Headlamp - Right High Beam Solenoid (TT6 / TT7 / TT8)



Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

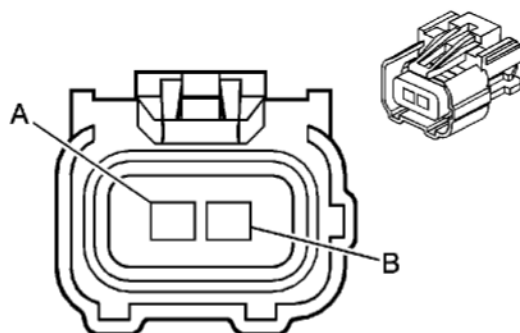
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Right High Beam Solenoid (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 BK	311	Right Headlamp High Beam Supply Voltage
2	0.5 BK	250	Ground

Headlamp - Right Low Beam (without TT6 / TT7 / TT8)



Connector Part Information

- OEM: 15489792
- Service: See Catalog
- Description: 2-Way F 150 Series (BK)

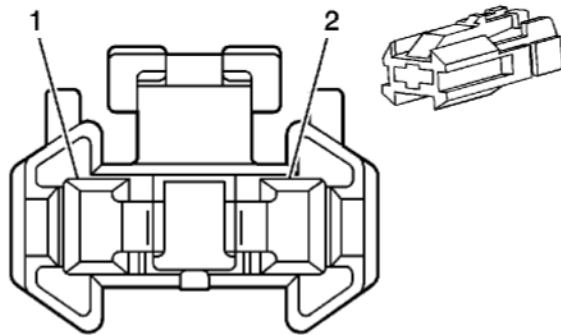
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp - Right Low Beam (without TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
A	0.5 BK	312	Right Headlamp Low Beam Supply Voltage
B	0.5 BK	250	Ground

Headlamp Ballast - Left (TT6 / TT7 / TT8)



Connector Part Information

- OEM: 12105470
- Service: See Catalog
- Description: 2-Way F (BK)

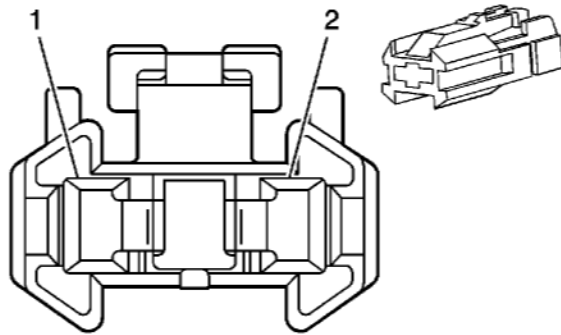
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp Ballast - Left (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	1 BK	712	Left Headlamp Low Beam Supply Voltage
2	1 BK	150	Ground

Headlamp Ballast - Right (TT6 / TT7 / TT8)



Connector Part Information

- OEM: 12105470
- Service: See Catalog
- Description: 2-Way F (BK)

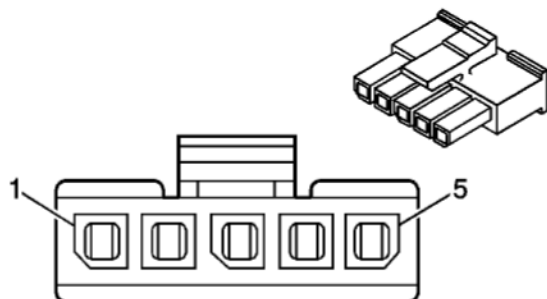
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp Ballast - Right (TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	1 BK	312	Right Headlamp Low Beam Supply Voltage
2	1 BK	250	Ground

Headlamp Leveling Actuator - Left (TR7 with TT6 / TT7 / TT8)



Connector Part Information

- OEM: 31404-6116
- Service: See Catalog
- Description: 5-Way F (BK)

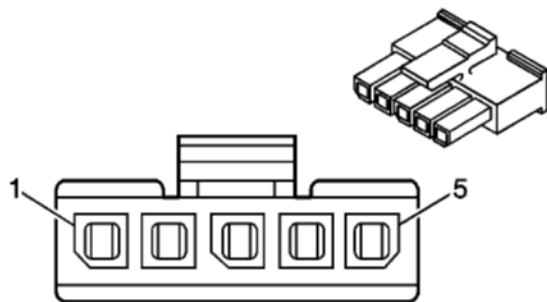
Terminal Part Information

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp Leveling Actuator - Left (TR7 with TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 YE/BK	5176	Left Headlamp Leveling Motor (1)
2	0.35 PU/WH	5178	Left Headlamp Leveling Motor (3)
3	0.35 OG/BK	5177	Left Headlamp Leveling Motor (2)
4	0.35 GY	5179	Left Headlamp Leveling Motor (4)
5	0.35 BK	5752	Left Headlamp Leveling Motor Low Reference

Headlamp Leveling Actuator - Right (TR7 with TT6 / TT7 / TT8)



Connector Part Information

- OEM: 31404-6116
- Service: See Catalog
- Description: 5-Way F (BK)

Terminal Part Information

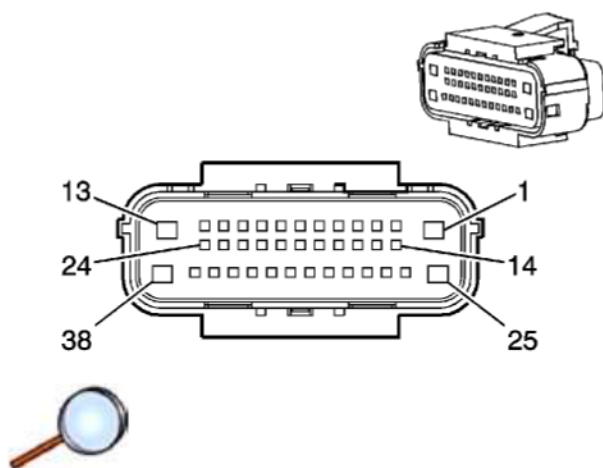
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Headlamp Leveling Actuator - Right (TR7 with TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.35 BN/WH	5180	Right Headlamp Leveling Motor (1)

2	0.35 OG/WH	5182	Right Headlamp Leveling Motor (3)
3	0.35 PK/BK	5181	Right Headlamp Leveling Motor (2)
4	0.35 GY/BK	5183	Right Headlamp Leveling Motor (4)
5	0.35 L-GN/BK	5753	Right Headlamp Leveling Motor Low Reference

Headlamp Module (TR7 or TT6 / TT7 / TT8)



Connector Part Information

- OEM: 89047375
- Service: See Catalog
- Description: 38-Way F Sealed (BK)

Terminal Part Information

- Pins: 1, 25
- Terminal/Tray: 15304718/19
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 2-5, 7, 8, 10-12, 14-16, 19, 20, 22-24, 26-37
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

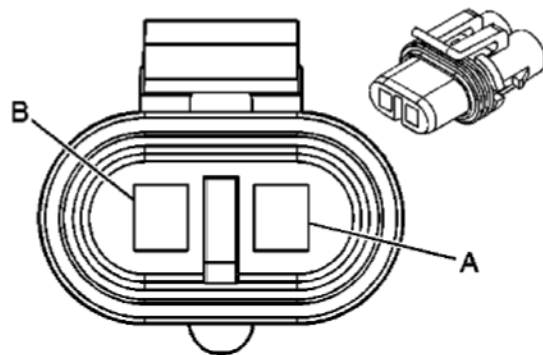
Headlamp Module (TR7 or TT6 / TT7 / TT8)

Pin	Wire	Circuit	Function
1	0.5 OG	2140	Battery Positive Voltage (TT6/TT7/TT8/TR7)
2	0.35 OG/BK	5177	Left Headlamp Leveling Motor (TR7)
3	0.35 YE/BK	5176	Left Headlamp Leveling Motor (TR7)
4	0.35 PU/WH	5178	Left Headlamp Leveling Motor (TR7)
5	0.35 BK	5752	Left Headlamp Leveling Motor Low Reference (TT6/TT7/TT8/TR7)

6	--	--	Not Used
7	0.5 TN	2501	High Speed GMLAN Serial Data Bus- (TT6/TT7/TT8/TR7)
8	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+ (TT6/TT7/TT8/TR7)
9	--	--	Not Used
10	0.35 BN/WH	5180	Right Headlamp Leveling Motor (TR7)
11	0.35 OG/WH	5182	Right Headlamp Leveling Motor (TR7)
12	0.35 GY/BK	5183	Right Headlamp Leveling Motor (TR7)
13	--	--	Not Used
14	0.35 GY	5179	Left Headlamp Leveling Motor (TR7)
15	0.35 D-GN	7131	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 3 (TT6/TT7/TT8)
16	0.35 BN	7129	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 1 (TT6/TT7/TT8)
17- 18	--	--	Not Used
19	0.5 TN	2501	High Speed GMLAN Serial Data Bus- (TT6/TT7/TT8/TR7)
20	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+ (TT6/TT7/TT8/TR7)
21	--	--	Not Used
22	0.35 OG	7133	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 1 (TT6/TT7/TT8)
23	0.35 TN	7135	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 3 (TT6/TT7/TT8)
24	0.35 PK/BK	5181	Right Headlamp Leveling Motor (TR7)
25	0.5 BK	250	Ground (TT6/TT7/TT8/TR7)
26	0.35 L-BU	7130	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 2 (TT6/TT7/TT8)
27	0.35 GY	7132	Left Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 4 (TT6/TT7/TT8)
28	0.35 PU/WH	1211	Right Front Suspension Position Sensor Voltage Reference (TR7)(-F55)
29	0.35 L- BU/BK	1212	Right Front Suspension Position Sensor Low Reference (TR7)(-F55)
30	0.35 TN/WH	1213	Right Front Suspension Position Sensor Signal (TR7)(-F55)
31	0.35 OG/BK	1208	Left Rear Suspension Position Sensor Voltage Reference (TR7)(-F55)
32	0.35 L- GN/BK	1209	Left Rear Suspension Position Sensor Low Reference (TR7)(-F55)
33	0.35 L- GN/WH	1210	Left Rear Suspension Position Sensor Signal (TR7)(-F55)
34	0.5 L-BU	5986	Serial Data Communication Enable (TT6/TT7/TT8/TR7-F55)
	.35 L-BL	5986	Serial Data Communication Enable (TT6/TT7/TT8/TR7+F55)

35	0.35 L-GN/BK	5753	Right Headlamp Leveling Motor Low Reference (TT6/TT7/TT8/TR7)
36	0.35 PK	7134	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 2 (TT6/TT7/TT8)
37	0.35 YE	7136	Right Front Headlamp Adaptive Forward Lighting System (AFS) Motor Signal 4 (TT6/TT7/TT8)
38	--	--	Not Used

Headlamp Washer Fluid Pump (CE4)



Connector Part Information

- OEM: 12020599
- Service: See Catalog
- Description: 2-Way F Metri-Pack 280 Series (BK)

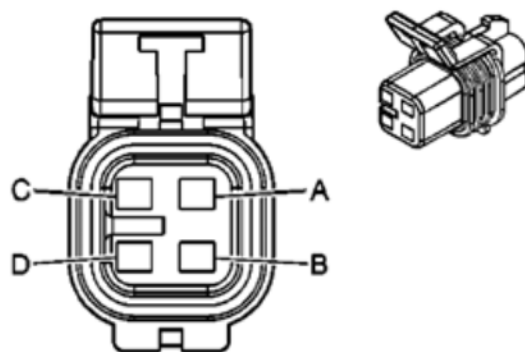
Terminal Part Information

- Terminal/Tray: 12129493/2
- Core/Insulation Crimp: 4/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

Headlamp Washer Fluid Pump (CE4)

Pin	Wire	Circuit	Function
A	2 PU	1197	Headlamp Washer Pump Control
B	2 BK	650	Ground

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1



Connector Part Information

- OEM: 12160482
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Series Sealed (BK)

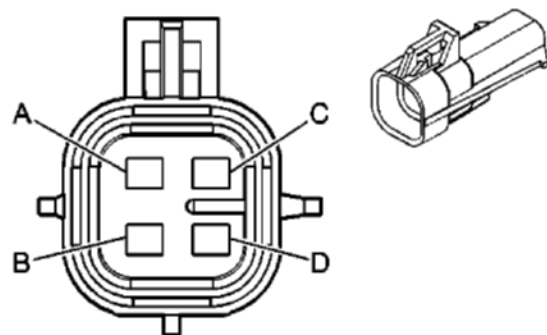
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3111	HO2S Low Reference (Bank 1 Sensor 1)
B	0.5 PU/WH	3110	HO2S Reference Voltage (Bank 1 Sensor 1)
C	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply (4)
D	0.75 BK/WH	3113	HO2S Heater Low Control - Bank 1 Sensor 1

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2



Connector Part Information

- OEM: 12160825
- Service: See Catalog
- Description: 4-Way M Metri-Pack 150 Series Sealed (BK)

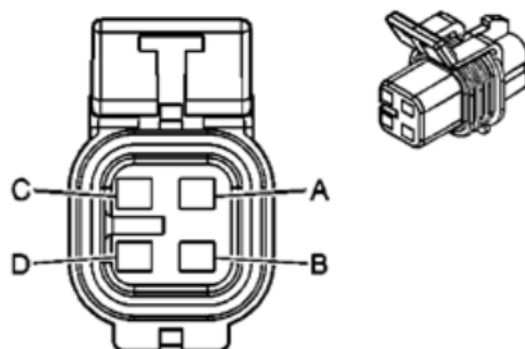
Terminal Part Information

- Terminal/Tray: 12045773/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3121	HO2S Low Signal (Bank 1 Sensor 2)
B	0.5 PU	3120	HO2S High Signal (Bank 1 Sensor 2)
C	0.8 BK/WH	3122	HO2S Heater Low Control (Bank 1 Sensor 2)
D	0.8 PK/BK	5294	Battery Positive Voltage

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1



Connector Part Information

- OEM: 12160482
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Series Sealed (BK)

Terminal Part Information

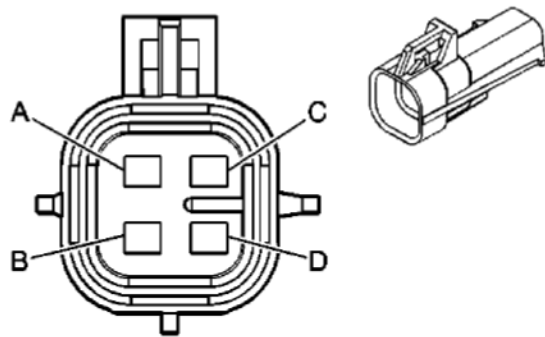
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1

Pin	Wire	Circuit	Function

A	0.5 TN/WH	3211	HO2S Low Reference (Bank 2 Sensor 1)
B	0.5 PU/WH	3210	HO2S Reference Voltage (Bank 2 Sensor 1)
C	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply (4)
D	0.8 L-GN	3212	HO2S Heater Low Control (Bank 2 Sensor 1)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (MV7)



Connector Part Information

- OEM: 12160825
- Service: See Catalog
- Description: 4-Way M Metri-Pack 150 Series Sealed (BK)

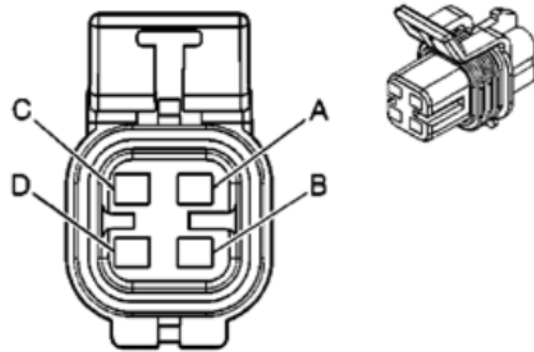
Terminal Part Information

- Terminal/Tray: 12045773/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (MV7)

Pin	Wire	Circuit	Function
A	0.5 TN	3221	HO2S Low Signal (Bank 2 Sensor 2)
B	0.5 PU	3220	HO2S High Signal (Bank 2 Sensor 2)
C	0.8 PK/BK	5294	Battery Positive Voltage
D	0.75 RD/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (MYB)



Connector Part Information

- OEM: 12176897
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Sealed (GY)

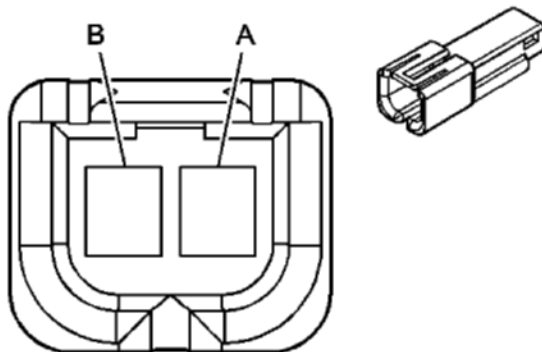
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (MYB)

Pin	Wire	Circuit	Function
A	0.5 TN	3221	HO2S Low Signal (Bank 2 Sensor 2)
B	0.5 PU	3220	HO2S High Signal (Bank 2 Sensor 2)
C	0.8 PK/BK	5294	Battery Positive Voltage
D	0.8 RD/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)

Heated Seat Element - Driver Back (KA1)



Connector Part Information

- OEM: 12059254
- Service: See Catalog
- Description: 2-Way F (GN)

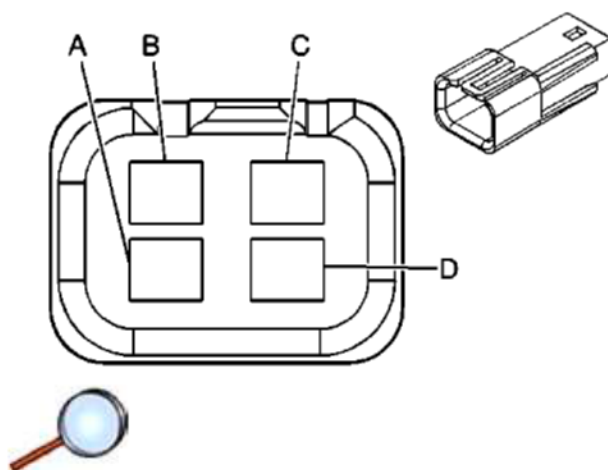
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Heated Seat Element - Driver Back (KA1)

Pin	Wire	Circuit	Function
A	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage
B	0.8 L-GN	2078	Heated Seat Cushion Element Control

Heated Seat Element - Driver Cushion (KA1)



Connector Part Information

- OEM: 12047786
- Service: See Catalog
- Description: 4-Way F (BK)

Terminal Part Information

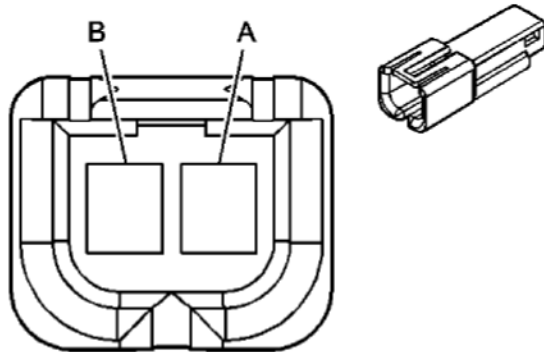
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Heated Seat Element - Driver Cushion (KA1)

Pin	Wire	Circuit	Function
A	0.8 PK	2077	Heated Seat Cushion Element Control
B	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage

C	0.35 YE/BK	2079	Heated Seat Cushion Element Supply Voltage
D	0.35 YE	2080	Driver Heated Seat Cushion Temperature Sensor Low Reference

Heated Seat Element - Passenger Back (KA1)



Connector Part Information

- OEM: 12059254
- Service: See Catalog
- Description: 2-Way F (GN)

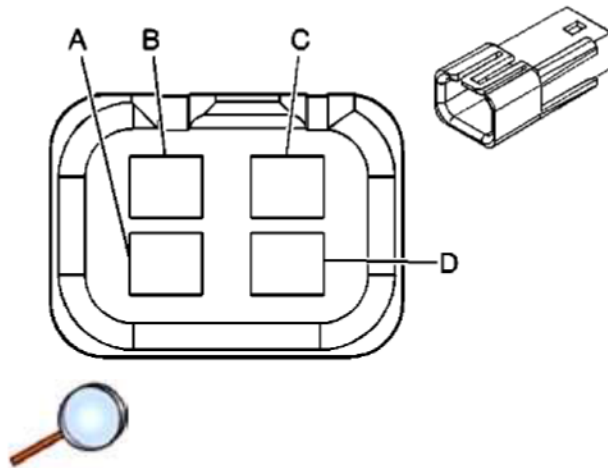
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Heated Seat Element - Passenger Back (KA1)

Pin	Wire	Circuit	Function
A	0.8 TN	2481	Passenger Heated Seat Back Element Supply Voltage
B	0.8 PK	2480	Passenger Heated Seat Cushion Element Control

Heated Seat Element - Passenger Cushion (KA1)



Connector Part Information

- OEM: 12047786
- Service: See Catalog
- Description: 4-Way F (BK)

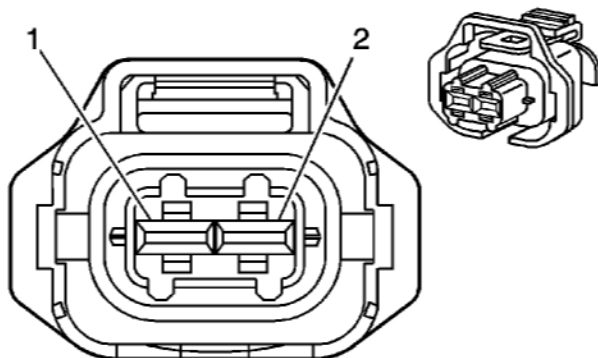
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Heated Seat Element - Passenger Cushion (KA1)

Pin	Wire	Circuit	Function
A	0.8 D-BU	2479	Passenger Heated Seat Element Supply Voltage
B	0.8 TN	2481	Passenger Heated Seat Back Element Supply Voltage
C	0.35 GY/WH	2434	Passenger Heated Seat Cushion Temperature Sensor Signal
D	0.35 PK	2435	Passenger Heated Seat Cushion Temperature Sensor Low Reference

High Pressure Fuel Pump (LLT)





Connector Part Information

- OEM: 1-928-403-874
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

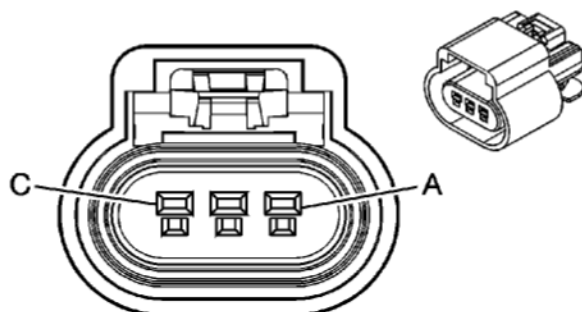
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

High Pressure Fuel Pump (LLT)

Pin	Wire	Circuit	Function
1	1 PU	7300	High Pressure Fuel Pump Actuator Low Control
2	1 YE	7301	High Pressure Fuel Pump Actuator High Control

Hood Ajar Switch (UHA / UA2)



Connector Part Information

- OEM: 15326808
- Service: See Catalog
- Description: 3-Way F GT 150 Series Sealed (BK)

Terminal Part Information

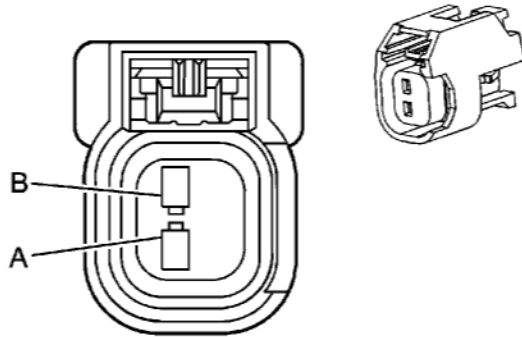
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Hood Ajar Switch (UHA / UA2)

Pin	Wire	Circuit	Function

A	0.35 PU	5531	Hood Closed Switch Signal (UHA)
B	0.35 PK/BK	109	Hood Ajar Switch Signal (UHA/UA2)
C	0.35 BK	650	Ground (UHA/UA2)

Horn Assembly



Connector Part Information

- OEM: 15305086
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (BK)

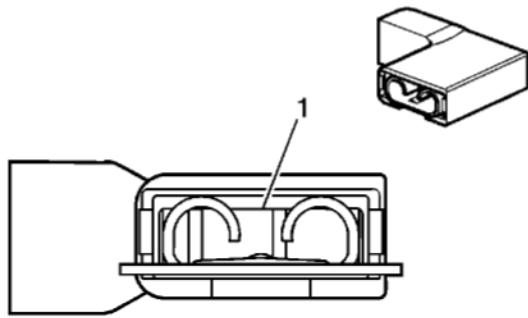
Terminal Part Information

- Terminal/Tray: 12176636/19
- Core/Insulation Crimp: C/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Horn Assembly

Pin	Wire	Circuit	Function
A	0.8 BK	150	Ground
B	0.8 D-GN	1329	Horn Fuse Supply Voltage

Horn Switch X1



Connector Part Information

- OEM: 2-520128-2
- Service: Not Serviced
- Description: 1-Way F (RD)

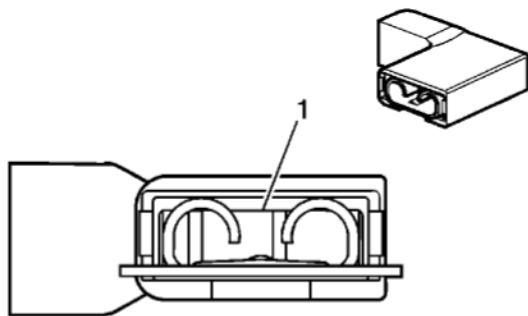
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Horn Switch X1

Pin	Wire	Circuit	Function
1	0.35 BK	28	Horn Relay Control

Horn Switch X2



Connector Part Information

- OEM: 2-520128-2
- Service: Not Serviced

- Description: 1-Way F (BARE)

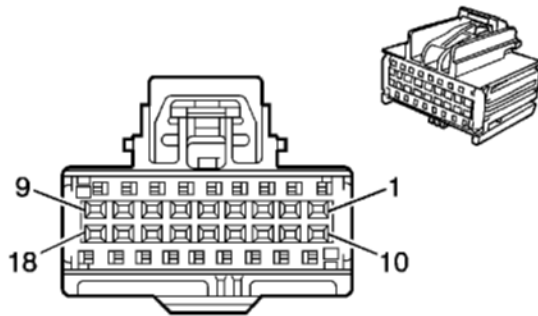
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Horn Switch X2

Pin	Wire	Circuit	Function
1	0.35 BK	350	Ground
	0.35 BK	350	Ground
	0.35 BK	350	Ground

HVAC Control Module X1



Connector Part Information

- OEM: 7283-4544-30
- Service: 89047360
- Description: 18-Way F (BK)

Terminal Part Information

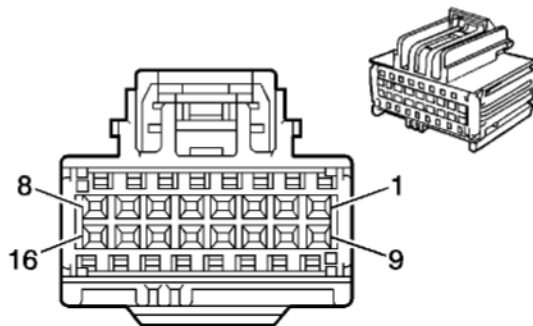
- Pins: 1-3, 5, 8-13, 17, 18
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

HVAC Control Module X1

Pin	Wire	Circuit	Function
1	0.35 L-GN/BK	735	Ambient Air Temperature Sensor Signal
2	0.35 D-GN	734	Inside Air Temperature Sensor Signal
3	0.35 WH	193	Rear Defog Relay Control
4	--	--	Not Used

5	0.35 GY/BK	754	Blower Motor Speed Control
6-7	--	--	Not Used
8	0.35 D-GN	5060	Low Speed GMLAN Serial Data
9	0.35 OG	300	Ignition 3 Voltage
10	0.35 BK/WH	651	Ground
11	0.35 YE	61	Low Reference
12	0.35 L-BU/BK	590	Driver Sunload Sensor Signal
13	0.35 GY	1548	Passenger Sunload Sensor Signal
14-16	--	--	Not Used
17	0.35 D-GN	5060	Low Speed GMLAN Serial Data
18	0.35 RD/WH	540	Battery Positive Voltage

HVAC Control Module X2



Connector Part Information

- OEM: 7283-9081
- Service: See Catalog
- Description: 16-Way F (WH)

Terminal Part Information

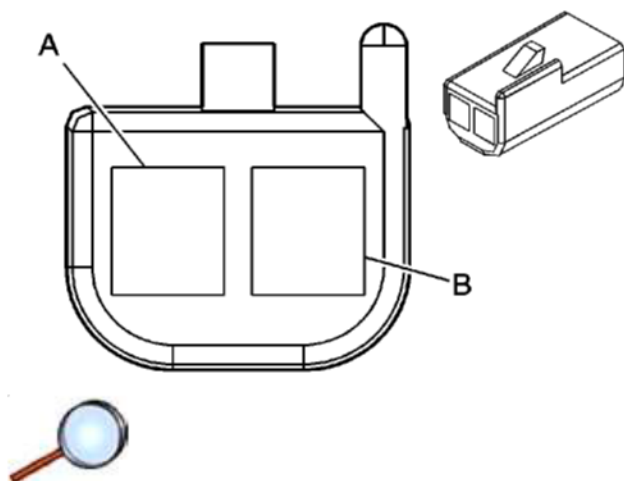
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

HVAC Control Module X2

Pin	Wire	Circuit	Function
1	0.35 WH/BK	1236	Auxiliary Air Temperature Door Control
2	0.35 GY/BK	2778	Right Air Temperature Door Control A
3	--	--	Not Used
4	0.35 D-BU	1646	Auxiliary Air Temperature Door Position Signal

5	0.35 L-BU	733	Air Temperature Door Position Signal
6	0.35 YE/BK	1814	Lower Mode Door Position Signal
7	0.35 PU	1838	Recirculation Door Position Signal
8	0.35 GY	605	5-Volt Reference 3
9	0.35 OG	2273	Mode Door Control
10	0.35 YE/GN	1318	Mode Door Control
11	0.35 BN	2274	Recirculation Door Control Circuit
12	0.35 D-GN	1614	Recirculation Door Control
13	0.35 YE/OG	1791	Low Reference
14	0.35 D-BU/WH	1199	Air Temperature Door Control
15	0.35 PK	2262	A/C Orifice Solenoid Supply Voltage
16	0.35 YE	61	Low Reference

I/P Compartment Lamp



Connector Part Information

- OEM: 12059247
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (GY)

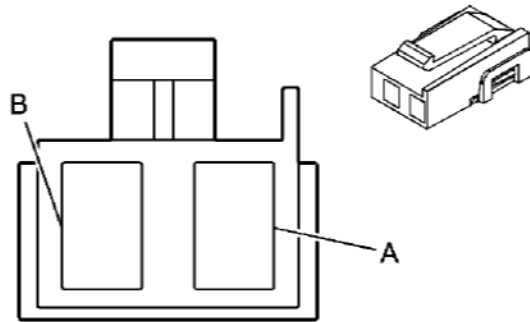
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

I/P Compartment Lamp

Pin	Wire	Circuit	Function
A	0.5 PU	175	Glove Box Lamp Control
B	0.5 OG	1732	Courtesy Lamps Supply Voltage

I/P Compartment Lamp Switch



Connector Part Information

- OEM: 12015197
- Service: See Catalog
- Description: 2-Way F Metri-Pack 280 Series (BU)

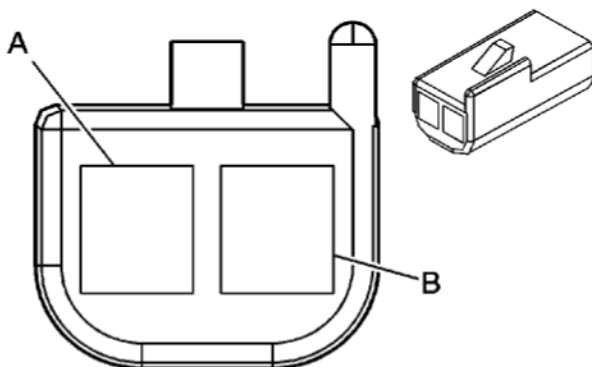
Terminal Part Information

- Terminal/Tray: 12034046/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

I/P Compartment Lamp Switch

Pin	Wire	Circuit	Function
A	0.5 BK	450	Ground
B	0.5 PU	175	Glove Box Lamp Control

I/P Courtesy Lamp - Left



Connector Part Information

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

Terminal Part Information

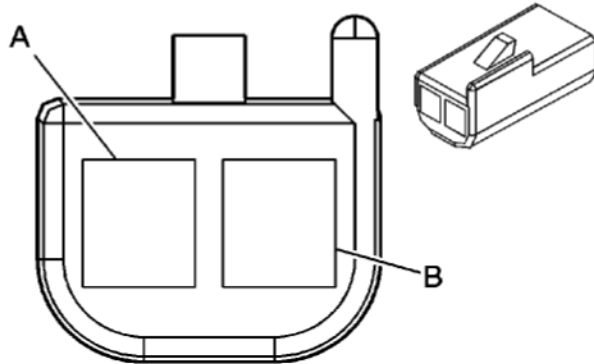
- Pins: A
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

- Pins: B
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

I/P Courtesy Lamp - Left

Pin	Wire	Circuit	Function
A	0.8 GY/BK	690	Courtesy Lamp Relay Control
B	0.5 BK	350	Ground

I/P Courtesy Lamp - Right



Connector Part Information

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

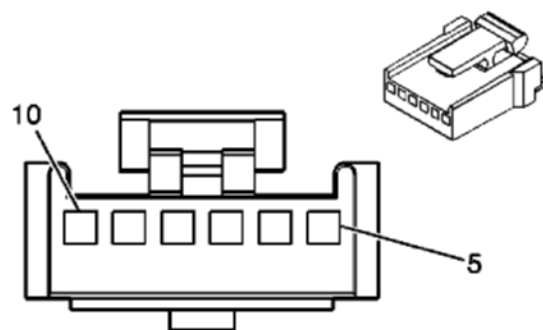
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

I/P Courtesy Lamp - Right

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp Supply Voltage
B	0.5 BK	450	Ground

I/P Dimmer Switch



Connector Part Information

- OEM: 12064993
- Service: See Catalog
- Description: 6-Way F Micro-Pack 100 Series (BK)

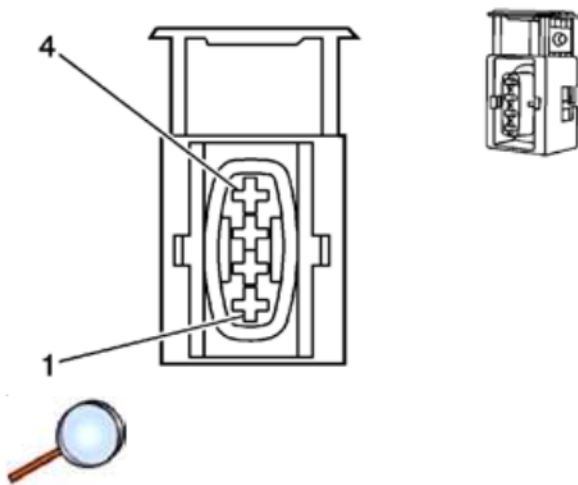
Terminal Part Information

- Pins: 5-10
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

I/P Dimmer Switch

Pin	Wire	Circuit	Function
5	0.35 OG/WH	812	12-Volt Reference or IP Dimming Voltage Reference
6	0.35 YE	6817	LED Backlight Dimming Control
7	0.35 BK	350	Ground
8	0.35 PK/BK	1597	Courtesy Lamps Switch On Signal
9	0.35 D-GN	44	Instrument Panel Lamps Dimmer Switch Signal
10	0.35 BK/WH	651	Ground

Ignition Coil 1 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

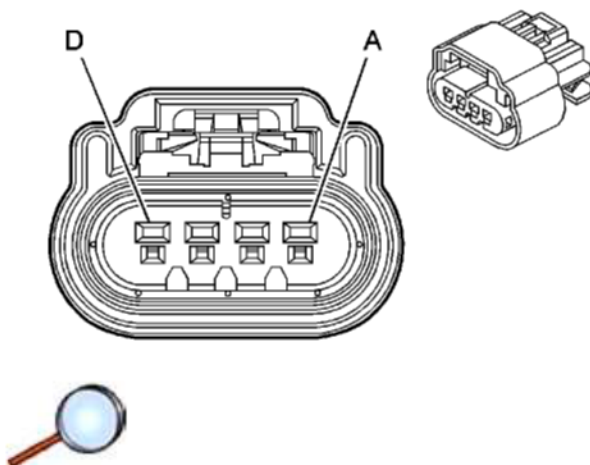
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 1 (LLT)

Pin	Wire	Circuit	Function
1	0.5 PU	2121	IC 1 Control
2	1 PK/BK	5291	Ignition 1 Voltage
3	1 BK	1350	Ground
4	1 BK	1350	Ground

Ignition Coil 1 (LP1 / LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

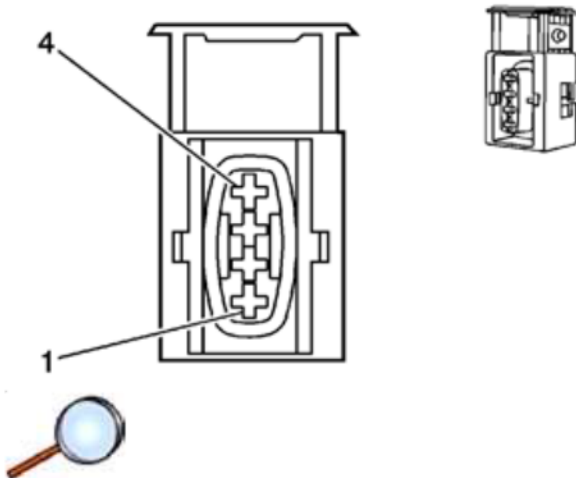
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 1 (LP1/LY7)

Pin	Wire	Circuit	Function
A	1 BK	1350	Ground
B	0.5 BN	2129	Low Reference
C	0.5 PU	2121	IC 1 Control
D	1 PK/BK	5291	Ignition 1 Voltage

Ignition Coil 2 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

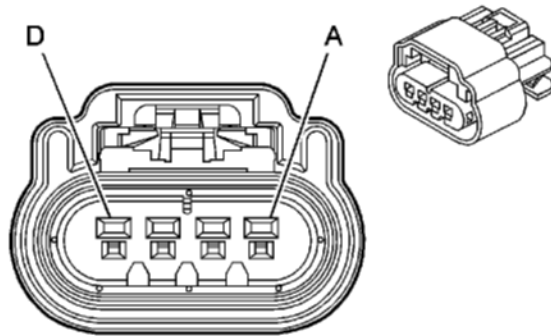
Terminal Part Information

- Pins: 1, 2
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 2 (LLT)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	2122	IC 2 Control
2	1 PK/BK	5292	Ignition 1 Voltage
3	1 BK	1450	Ground
4	1 BK	1450	Ground

Ignition Coil 2 (LP1 /LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

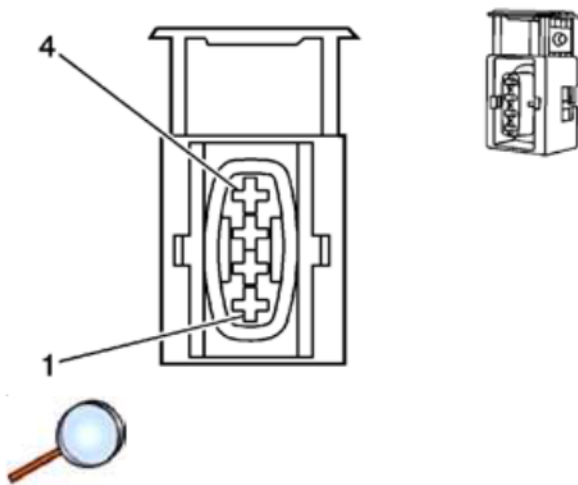
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 2 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	1 BK	1450	Ground
B	0.5 BN/WH	2130	Low Reference
C	0.5 RD/WH	2122	IC 2 Control
D	1 PK/BK	5292	Ignition 1 Voltage

Ignition Coil 3 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

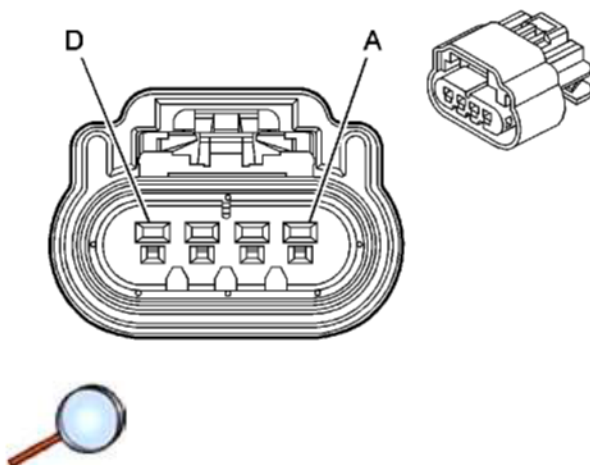
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 3 (LLT)

Pin	Wire	Circuit	Function
1	0.5 L-BU	2123	IC 3 Control
2	1 PK/BK	5291	Ignition 1 Voltage
3	1 BK	1350	Ground
4	1 BK	1350	Ground

Ignition Coil 3 (LP1 / LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

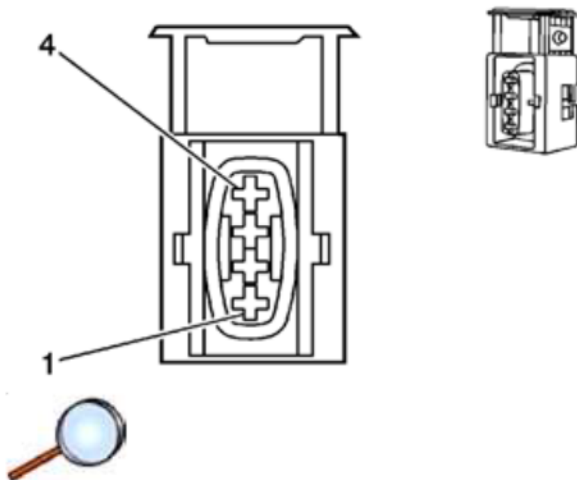
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 3 (LP1/LY7)

Pin	Wire	Circuit	Function
A	1 BK	1350	Ground
B	0.5 BN	2129	Low Reference
C	0.5 L-BU	2123	IC 3 Control
D	1 PK/BK	5291	Ignition 1 Voltage

Ignition Coil 4 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

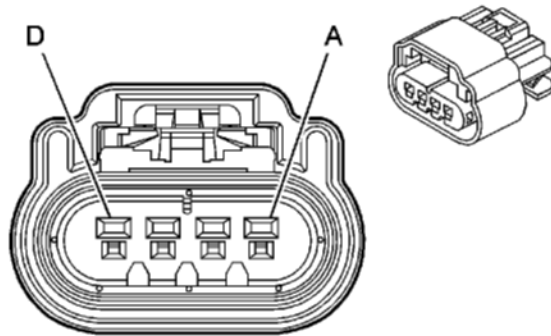
Terminal Part Information

- Pins: 1, 2
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 4 (LLT)

Pin	Wire	Circuit	Function
1	0.5 D-GN/WH	2124	IC 4 Control
2	1 PK/BK	5292	Ignition 1 Voltage
3	1 BK	1450	Ground
4	1 BK	1450	Ground

Ignition Coil 4 (LP1 /LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

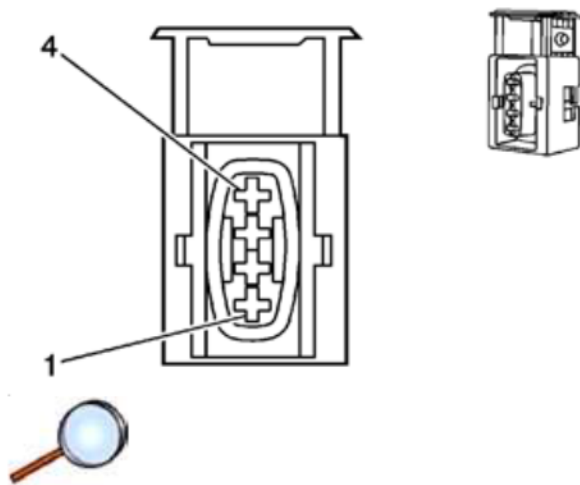
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 4 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	1 BK	1450	Ground
B	0.5 BN/WH	2130	Low Reference
C	0.5 D-GN/WH	2124	IC 4 Control
D	1 PK/BK	5292	Ignition 1 Voltage

Ignition Coil 5 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

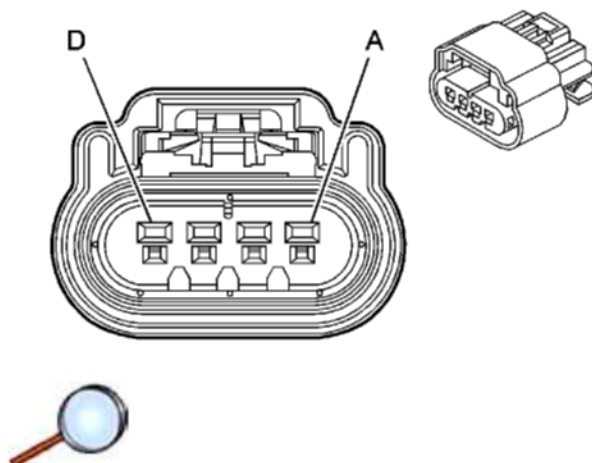
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 5 (LLT)

Pin	Wire	Circuit	Function
1	0.5 D-GN	2125	IC 5 Control
2	1 PK/BK	5291	Ignition 1 Voltage
3	1 BK	1350	Ground
4	1 BK	1350	Ground

Ignition Coil 5 (LP1 /LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

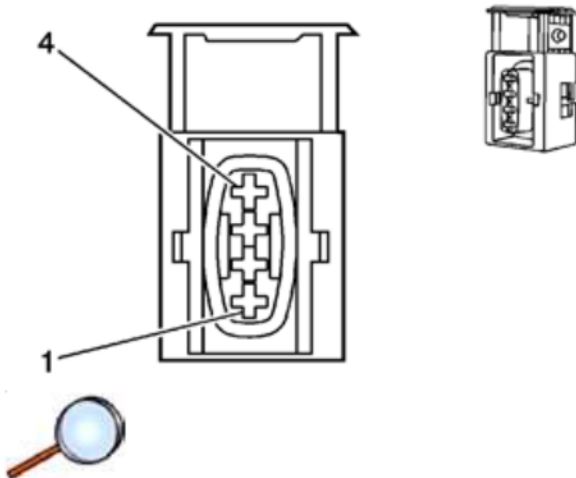
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 5 (LP1/LY7)

Pin	Wire	Circuit	Function
A	1 BK	1350	Ground
B	0.5 BN	2129	Low Reference
C	0.5 D-GN	2125	IC 5 Control
D	1 PK/BK	5291	Ignition 1 Voltage

Ignition Coil 6 (LLT)



Connector Part Information

- OEM: 1928403441
- Service: 88988582
- Description: 4-Way F Sealed (BK)

Terminal Part Information

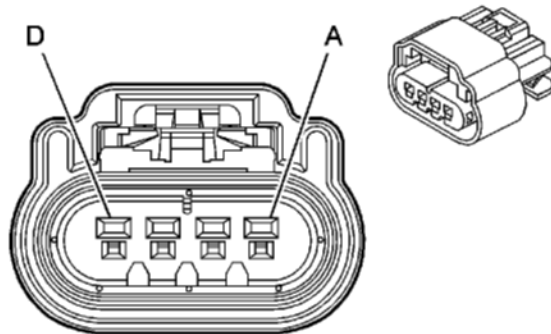
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Ignition Coil 6 (LLT)

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Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	2126	IC 6 Control
2	1 PK/BK	5292	Ignition 1 Voltage
3	1 BK	1450	Ground
4	1 BK	1450	Ground

Ignition Coil 6 (LP1 /LY7)



Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 Sealed (BK)

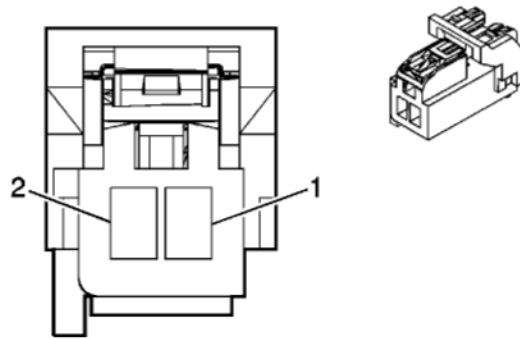
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Ignition Coil 6 (LP1 /LY7)

Pin	Wire	Circuit	Function
A	1 BK	1450	Ground
B	0.5 BN/WH	2130	Low Reference
C	0.5 L-BU/WH	2126	IC 6 Control
D	1 PK/BK	5292	Ignition 1 Voltage

Ignition Lock Cylinder Control Actuator



Connector Part Information

- OEM: 7283-7258-30
- Service: See Catalog
- Description: 2-Way (BK)

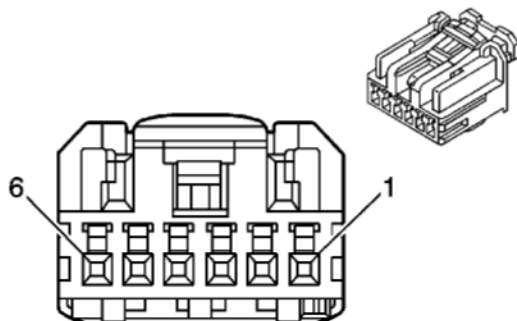
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Ignition Lock Cylinder Control Actuator

Pin	Wire	Circuit	Function
1	0.35 PU/WH	1630	Steering Column Key Cylinder Lock Solenoid Control (MYB)
	0.35 BK/WH	351	Ground (MV7/MG9)
2	0.35 PU/WH	5905	Key Capture/Column Lock Shift Position Signal

Ignition Switch



Connector Part Information

- OEM: HCMPB-C06-K
- Service: 19153174
- Description: 6-Way F HCM Series (BK)

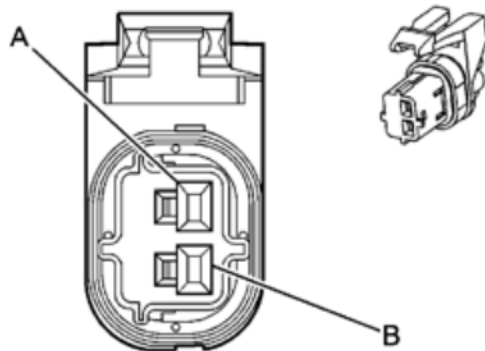
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Ignition Switch

Pin	Wire	Circuit	Function
1	0.35 PK	3	Ignition 1 Voltage
2	0.35 OG	1940	Battery Positive Voltage
3	0.35 BN	4	Accessory Voltage
4	0.35 WH	1390	Off/Run/Crank Voltage
5	0.35 L-GN	80	Key In Ignition Switch Signal (UHA/UHF)
6	0.35 WH/BK	1073	5-Volt Reference

Inflatable Restraint Front End Sensor - Left



Connector Part Information

- OEM: 15356725
- Service: See Catalog
- Description: 2-Way F GT 150 Sealed (YE)

Terminal Part Information

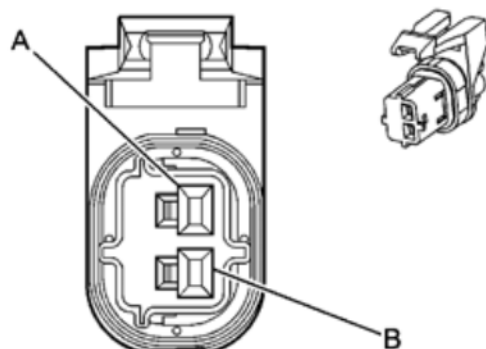
- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Inflatable Restraint Front End Sensor - Left

Pin	Wire	Circuit	Function
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A	0.35 TN/OG	5045	Discriminating Sensor - Low Reference
B	0.35 YE	354	Discriminating Sensor - Signal

Inflatable Restraint Front End Sensor - Right



Connector Part Information

- OEM: 15356725
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (YE)

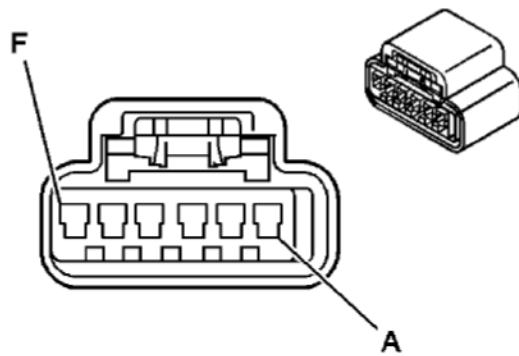
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Front End Sensor - Right

Pin	Wire	Circuit	Function
A	0.35 GY	5600	Right Front Discriminating Sensor Low Reference
B	0.35 D-GN	1409	Discriminating Sensor - Right - Signal

Inflatable Restraint Front Passenger Presence System (PPS) Sensor



Connector Part Information

- OEM: 15332141
- Service: See Catalog
- Description: 6-Way F (BK)

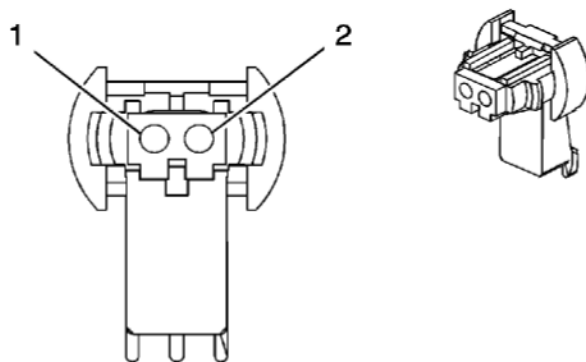
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Front Passenger Presence System (PPS) Sensor

Pin	Wire	Circuit	Function
A	0.35 OG	1740	Battery Positive Voltage
B	0.35 D-GN	5060	Low Speed GMLAN Serial Data
C	--	--	Not Used
D	0.35 BK/WH	451	Ground
E-F	--	--	Not Used

Inflatable Restraint I/P Module X1





Connector Part Information

- OEM: 252922343
- Service: See Catalog
- Description: 2-Way F (YE)

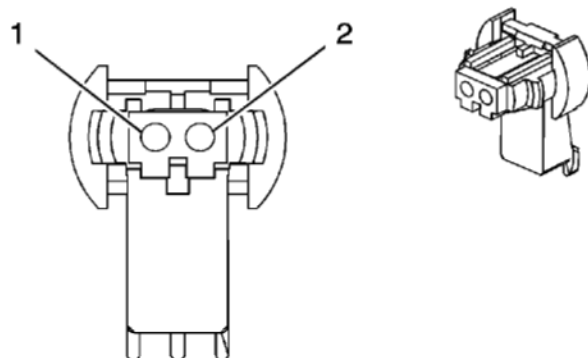
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint I / P Module X1

Pin	Wire	Circuit	Function
1	0.35 YE	3025	I/P Module - Stage 1 - High Control
2	0.35 OG	3024	I/P Module - Stage 1 - Low Control

Inflatable Restraint I / P Module X2



Connector Part Information

- OEM: 252922343
- Service: See Catalog
- Description: 2-Way F (YE)

Terminal Part Information

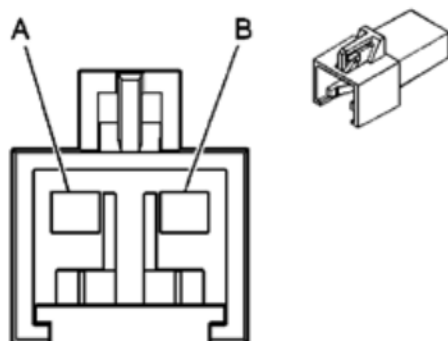
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint I / P Module X2

Pin	Wire	Circuit	Function

1	0.35 PU	3026	I/P Module - Stage 2 - Low Control
2	0.35 GY	3027	I/P Module - Stage 2 - High Control

Inflatable Restraint Roof Rail Module - Driver



Connector Part Information

- OEM: 12186799
- Service: See Catalog
- Description: 2-Way M 280 (YE)

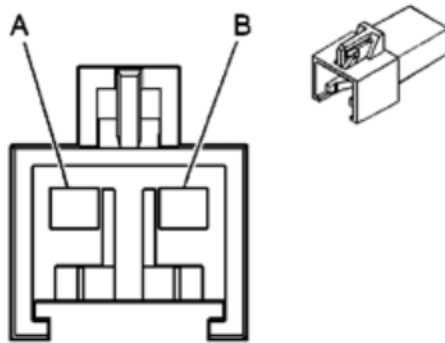
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Roof Rail Module - Driver

Pin	Wire	Circuit	Function
A	0.5 PU/WH	5019	Roof Rail Module - Left - High Control
B	0.5 PK	5020	Roof Rail Module - Left - Low Control

Inflatable Restraint Roof Rail Module - Right



Connector Part Information

- OEM: 12186799
- Service: See Catalog
- Description: 2-Way M 280 (YE)

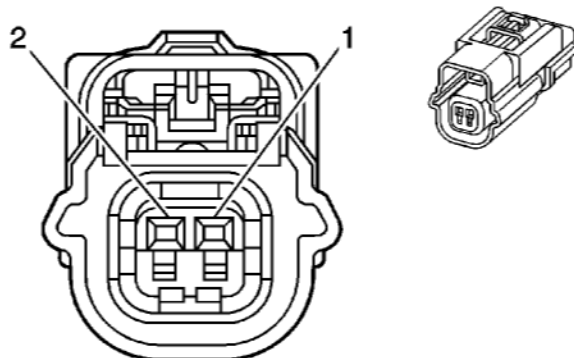
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 12094429/J-35616-5 (PU)

Inflatable Restraint Roof Rail Module - Passenger

Pin	Wire	Circuit	Function
A	0.5 YE/BK	5021	Roof Rail Module - Right - High Control
B	0.5 WH/BK	5022	Roof Rail Module - Right - Low Control

Inflatable Restraint Seat Position Sensor - Driver (without A45)



Connector Part Information

- OEM: 89047381

- Service: See Catalog
- Description: 2-Way F (BK)

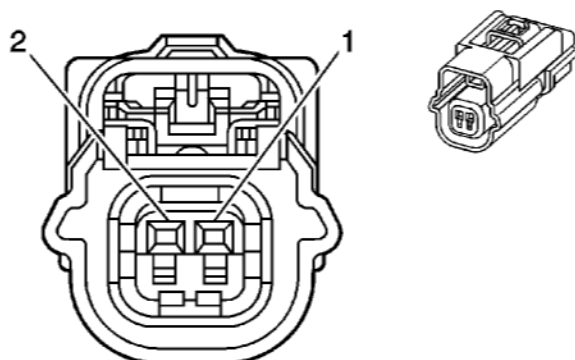
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Seat Position Sensor - Driver (without A45)

Pin	Wire	Circuit	Function
1	0.35 PK	5057	Seat Position Sensor - Low Reference
2	0.35 L-GN	5055	Seat Position Sensor - Left - Signal

Inflatable Restraint Seat Position Sensor - Passenger



Connector Part Information

- OEM: 89047381
- Service: See Catalog
- Description: 2-Way F (BK)

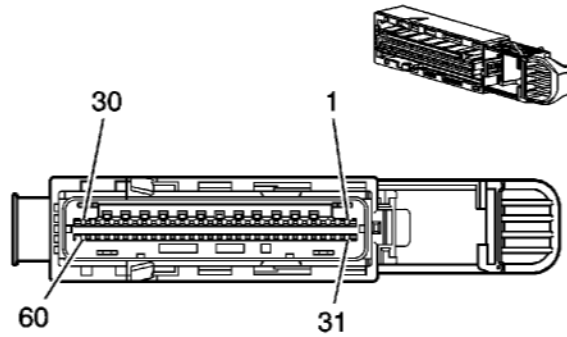
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Seat Position Sensor - Passenger

Pin	Wire	Circuit	Function
1	0.35 PK	5057	Seat Position Sensor - Low Reference
2	0.35 L-BU	5056	Seat Position Sensor - Right - Signal

Inflatable Restraint Sensing and Diagnostic Module (SDM)



Connector Part Information

- OEM: 184464-0
- Service: See Catalog
- Description: 60-Way F 0.64 GET Series Sealed (YE with BK Lock)

Terminal Part Information

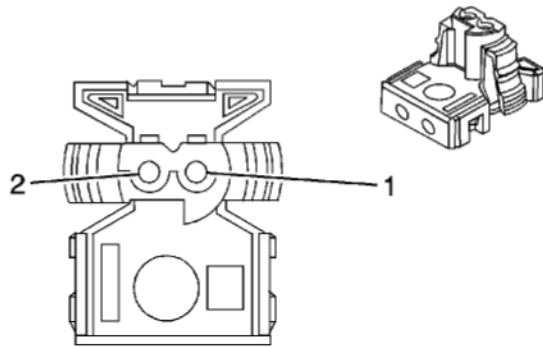
- Terminal/Tray: Service with Terminated Lead
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

Inflatable Restraint Sensing and Diagnostic Module (SDM)

Pin	Wire	Circuit	Function
1	0.5 BK/WH	1751	Ground
2	0.5 D-GN	5060	Low Speed GMLAN Serial Data
3	0.5 D-GN	5060	Low Speed GMLAN Serial Data
4	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control
5	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
6	0.35 GY	3027	I/P Module - Stage 2 - High Control
7	0.35 PU	3026	I/P Module - Stage 2 - Low Control
8	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control
9	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
10	0.35 YE	3025	I/P Module - Stage 1 - High Control
11	0.35 OG	3024	I/P Module - Stage 1 - Low Control
12	0.5 PK	5020	Roof Rail Module - Left - Low Control
13	0.5 PU/WH	5019	Roof Rail Module - Left - High Control
14	0.5 YE/BK	5021	Roof Rail Module - Right - High Control
15	0.5 WH/BK	5022	Roof Rail Module - Right - Low Control
16	0.35 BN	2137	Side Impact Module - Left Front - High Control
17	0.35 YE/BK	2138	Side Impact Module - Left Front - Low Control
	0.35 L-GN	2136	Side Impact Module - Right Front - Low Control (AH8)

18	.35 BK/WH	2135	Side Impact Module - Right Front - High Control (-AH8)
19	0.35 TN/WH	2135	Side Impact Module - Right Front - High Control (AH8)
	0.35 L-GN	2136	Side Impact Module - Right Front - Low Control (-AH8)
20	0.35 PK/BK	3478	
21	0.35 TN/WH	3477	
22	0.35 L-GN	3475	
23	0.35 PK	3476	
24	0.35 OG/BK	2119	Seat Belt Pretensioner - Left - Low Control
25	0.35 TN/WH	2118	Seat Belt Pretensioner - Left - High Control
26	0.35 L-GN	2116	Seat Belt Pretensioner - Right - High Control
27	0.35 OG	2117	Seat Belt Pretensioner - Right - Low Control
28	0.35 PK	5057	Seat Position Sensor - Low Reference
29	0.35 L-GN	5055	Seat Position Sensor - Left - Signal
30	0.35 L-BU	5056	Seat Position Sensor - Right - Signal
31	0.35 RD/WH	1740	Battery Positive Voltage
32	0.5 PK	1739	Ignition 1 Voltage
33-35	--	--	Not Used
36	0.35 YE	354	Discriminating Sensor - Signal
37	0.35 D-GN	1409	Discriminating Sensor - Right - Signal
38	0.35 TN/OG	5045	Front End Sensor - Signal
39	0.35 GY	5600	Right Front Discriminating Sensor Low Reference
40	0.35 WH	2132	Side Impact Sensing Module - Left - Signal
41	0.35 D-GN	2134	Side Impact Sensing Module - Right - Signal
42	0.35 YE	2131	Side Impact Sensing Module - Left - Voltage
43	0.35 TN	2133	Side Impact Sensing Module - Right - Voltage
44	0.35 L-BU	6622	Left Rear Side Impact Sensing Module Signal
45	0.35 L-BU/WH	6626	Right Rear Side Impact Sensing Module Signal
46	0.35 L-GN/BK	6623	Left Rear Side Impact Sensing Module Low Reference
47	0.35 PK/BK	6627	Right Rear Side Impact Sensing Module Low Reference
48-58	--	--	Not Used
59	0.35 D-GN	5016	Seat Belt Switch - Left - Signal
60	0.35 OG	1362	Seat Belt Switch - Right - Signal

Inflatable Restraint Side Impact Module - Left



Connector Part Information

- OEM: 54570206
- Service: See Catalog
- Description: 2-Way F (YE)

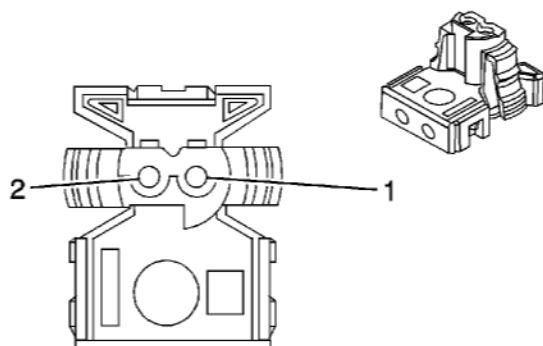
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Module - Left

Pin	Wire	Circuit	Function
1	0.5 BN	2137	Side Impact Module - Left Front - High Control
2	0.5 YE/BK	2138	Side Impact Module - Left Front - Low Control

Inflatable Restraint Side Impact Module - Right



Connector Part Information

- OEM: 54570206

- Service: See Catalog
- Description: 2-Way F (YE)

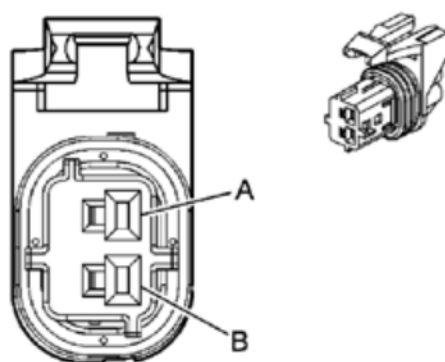
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Module - Right

Pin	Wire	Circuit	Function
1	0.5 BN	2135	Side Impact Module - Right Front - High Control
2	0.5 YE/BK	2136	Side Impact Module - Right Front - Low Control

Inflatable Restraint Side Impact Sensor (SIS) - Left Front



Connector Part Information

- OEM: 15356727
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (YE)

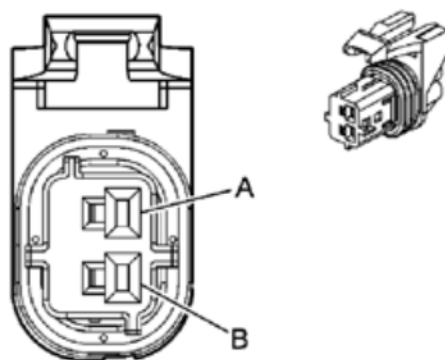
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Sensor (SIS) - Left Front

Pin	Wire	Circuit	Function
A	0.35 WH	2132	Side Impact Sensing Module - Left - Signal
B	0.35 YE	2131	Side Impact Sensing Module - Left - Voltage

Inflatable Restraint Side Impact Sensor (SIS) - Left Rear



Connector Part Information

- OEM: 15356727
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (YE)

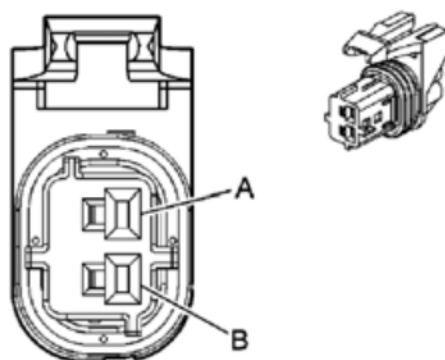
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Sensor (SIS) - Left Rear

Pin	Wire	Circuit	Function
A	0.35 L-GN/BK	6623	Left Rear Side Impact Sensing Module Low Reference
B	0.35 L-BU	6622	Left Rear Side Impact Sensing Module Signal

Inflatable Restraint Side Impact Sensor (SIS) - Right Front



Connector Part Information

- OEM: 15356727
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (YE)

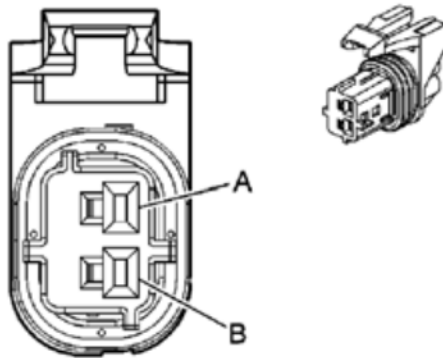
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Sensor (SIS) - Right Front

Pin	Wire	Circuit	Function
A	0.35 D-GN	2134	Side Impact Sensing Module - Right - Signal
B	0.35 TN	2133	Side Impact Sensing Module - Right - Voltage

Inflatable Restraint Side Impact Sensor (SIS) - Right Rear



Connector Part Information

- OEM: 15356727
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (YE)

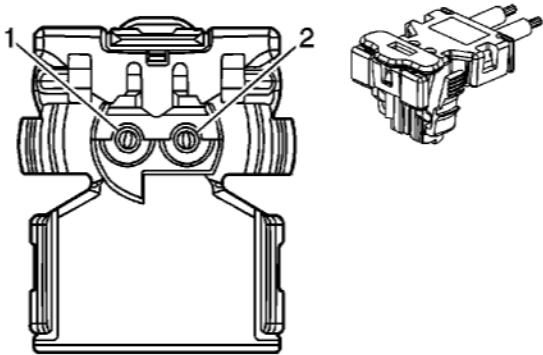
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Side Impact Sensor (SIS) - Right Rear

Pin	Wire	Circuit	Function
A	0.35 PK/BK	6627	Right Rear Side Impact Sensing Module Low Reference
B	0.35 L-BU/WH	6626	Right Rear Side Impact Sensing Module Signal

Inflatable Restraint Steering Wheel Module X1



Connector Part Information

- OEM: 54560236
- Service: See Catalog
- Description: 2-Way F FFB90-4 Type B (GY)

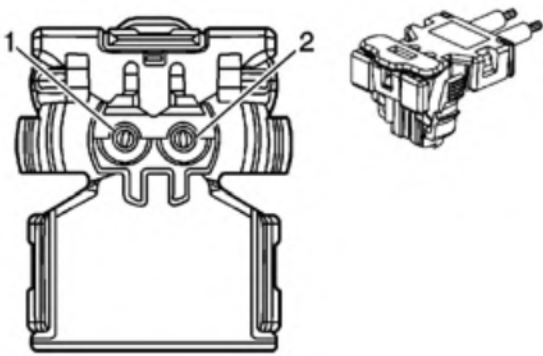
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Steering Wheel Module X1

Pin	Wire	Circuit	Function
1	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
2	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control

Inflatable Restraint Steering Wheel Module X2



Connector Part Information

- OEM: 54560222
- Service: See Catalog
- Description: 2-Way F FFB90-4 Type G (PK)

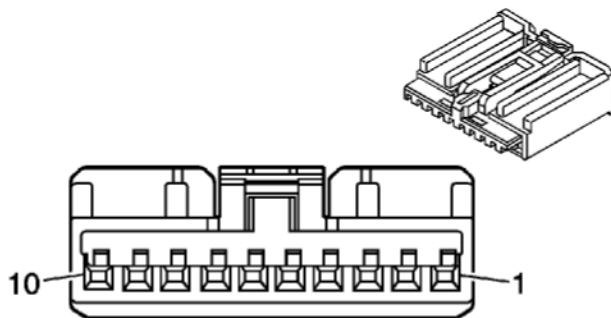
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Steering Wheel Module X2

Pin	Wire	Circuit	Function
1	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
2	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control

Inflatable Restraint Steering Wheel Module Coil X1



Connector Part Information

- OEM: AIT2PB-10-1AK
- Service: See Catalog
- Description: 10-Way F AIT II Series (BK)

Terminal Part Information

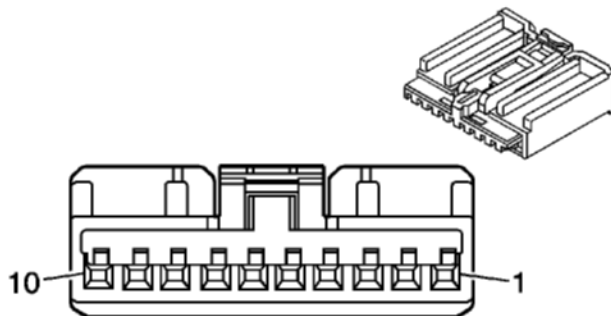
- Terminal/Tray: Service with Terminated Lead
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Steering Wheel Module Coil X1

Pin	Wire	Circuit	Function
1	0.35 BK	28	Horn Relay Control
2	0.35 PU	1375	Remote Radio Control Supply Voltage
3	0.35 PU/WH	7005	LED Dimming Signal
4	0.5 BK	350	Ground

5	0.35 GY	1884	Cruise Control Switch Signal
6	0.35 D-GN/WH	7158	Cruise Control Indicator Dimming Signal
7	0.35 D-BU	1796	Steering Wheel Controls Signal
8	0.35 YE	1996	Steering Wheel Controls Signal (KB7)
9-10	--	--	Not Used

Inflatable Restraint Steering Wheel Module Coil X2



Connector Part Information

- OEM: 15269795
- Service: See Catalog
- Description: 10-Way F AIT II Series (BK)

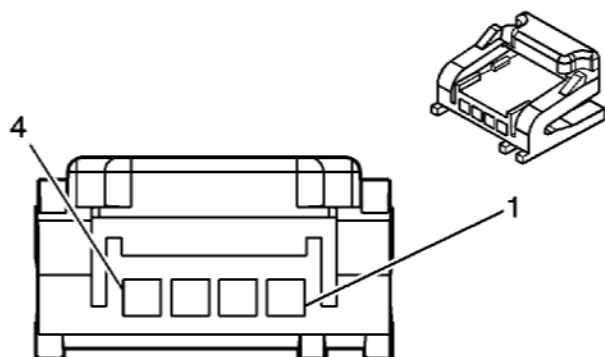
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Steering Wheel Module Coil X2

Pin	Wire	Circuit	Function
1	0.35 YE		
2-3	--	--	Not Used
4	0.35 D-BU	1796	Steering Wheel Controls Signal (MV7)
	0.35 D-BU	1796	Steering Wheel Controls Signal (MYB)
5	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
6	0.5 GY	1884	Cruise Control Switch Signal
7	0.35BK	350	Ground
8	0.35 PU/WH	7005	LED Dimming Signal
9	0.35 PU	1375	Remote Radio Control Supply Voltage
10	0.35 D-GN	28	Horn Relay Control

Inflatable Restraint Steering Wheel Module Coil X3



Connector Part Information

- OEM: 15393421
- Service: 88987853
- Description: 4-Way F Micro-Pack 064 Series (YE)

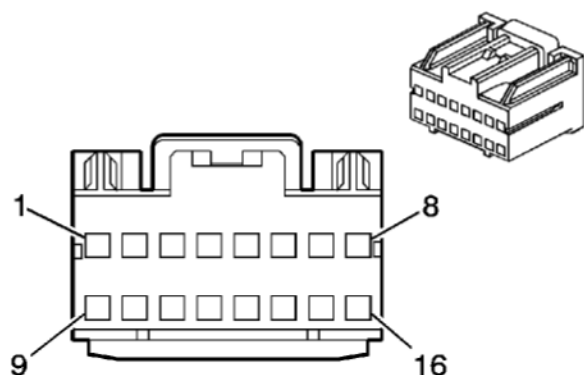
Terminal Part Information

- Terminal/Tray: Service with Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit

Inflatable Restraint Steering Wheel Module Coil X3

Pin	Wire	Circuit	Function
1	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
2	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control
3	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
4	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control

Inside Rearview Mirror (ISRV)





Connector Part Information

- OEM: 917981-2
- Service: See Catalog
- Description: 16-Way F (BK)

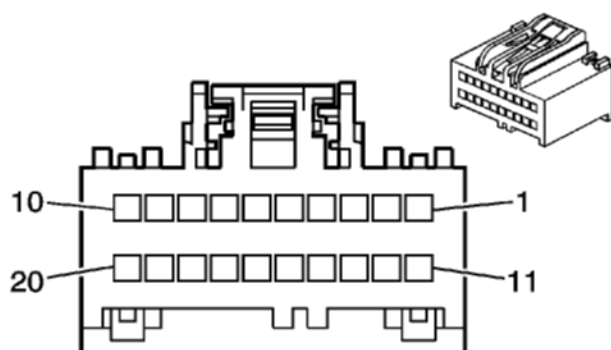
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Inside Rearview Mirror (ISRVM)

Pin	Wire	Circuit	Function
1-7	--	--	Not Used
8	0.35 BK/WH	1051	Ground
9	0.5 L-GN	24	Backup Lamp Supply Voltage
10	--	--	Not Used
11	0.35 D-GN/WH	2514	Keypad Signal (UE1)
12	0.35 L-GN/BK	2515	Keypad Supply Voltage (UE1)
13	0.35 YE	43	Accessory Voltage
14	0.35 YE/BK	2516	Keypad Green LED Signal (UE1)
15	0.35 BN/WH	2517	Keypad Red LED Signal (UE1)
16	--	--	Not Used

Instrument Panel Cluster (IPC)



Connector Part Information

- OEM: 15126711
- Service: See Catalog

- Description: 20-Way F 0.64 Series (BK)

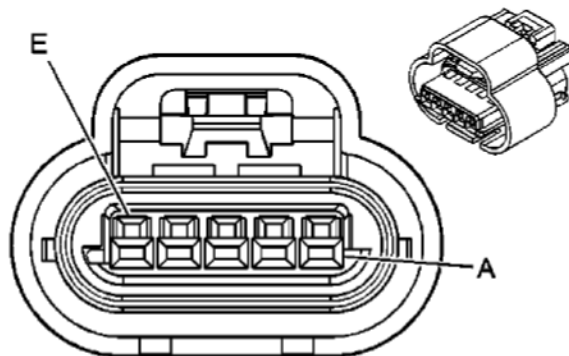
Terminal Part Information

- Pins: 1, 2, 4, 5, 9-13, 17, 19, 20
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 10 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 2, 4, 5, 9, 11-13, 17, 19, 20 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Instrument Panel Cluster (IPC)

Pin	Wire	Circuit	Function
1	0.5 TN/WH	33	Brake Warning Indicator Control
2	0.35 PK	893	DIC Select Menu Switch Signal
3	0.35 PU/WH	7484	
4	0.35 D-GN	5060	Low Speed GMLAN Serial Data
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data
6	0.35 PU	7485	
7-8	--	--	Not Used
9	0.35 D-BU/WH	5970	Washer Fluid Heated Control Switch LED Supply Voltage (XA7)
10	0.5 TN	185	Low Washer Fluid Indicator Control
11	0.35 D-GN/WH	1358	DIC Switch Signal
12	0.35 BN	897	DIC Switch Low Reference
13	0.35 BN/WH	419	MIL Control
14-16	--	--	Not Used
17	0.35 BK/WH	651	Ground
18	--	--	Not Used
19	0.35 RD/WH	540	Battery Positive Voltage
20	0.35 PK	1739	Ignition 1 Voltage

Intake Manifold Tuning (IMT) Solenoid Valve (LP1 / LY7)





Connector Part Information

- OEM: 15326389
- Service: See Catalog
- Description: 5-Way F Metri-Pack 150 Sealed (BK)

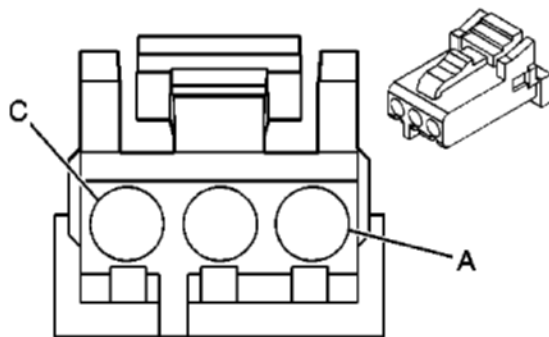
Terminal Part Information

- Pins: E
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: B-E
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: Pins B, C, D - E/4
- Core/Insulation Crimp: Pins E - E/1
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Intake Manifold Tuning (IMT) Solenoid Valve (LP1/LY7)

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.5 YE	7017	Variable Intake Manifold Position Signal
C	0.5 L-BU	7302	Intake Manifold Tuning Valve (IMTV) Control Signal
D	0.5 BK/WH	1551	Ground
E	0.8 PK/BK	5293	Powertrain Main Relay Fused Supply

Intrusion Sensor (UA2)



Connector Part Information

- OEM: 15326747

- Service: See Catalog
- Description: 3-Way F (BK)

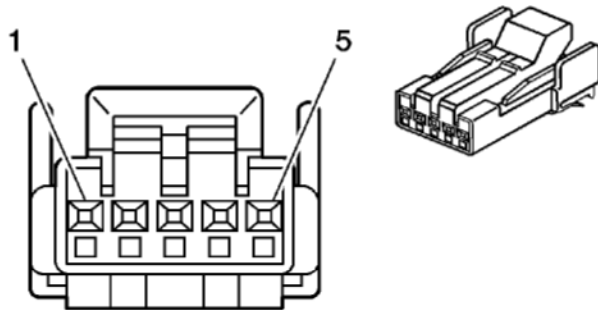
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Intrusion Sensor (UA2)

Pin	Wire	Circuit	Function
A	0.35 RD/WH	4540	Battery Positive Voltage
B	0.35 PU	5059	Intrusion Sensor Alarm On Signal
C	0.35 YE	5058	Intrusion Sensor Armed Signal

Keyless Entry Antenna - Center Console Active (UHA / UHF)



Connector Part Information

- OEM: IL-AG5-5S-S3C9
- Service: See Catalog
- Description: 5-Way F (GN)

Terminal Part Information

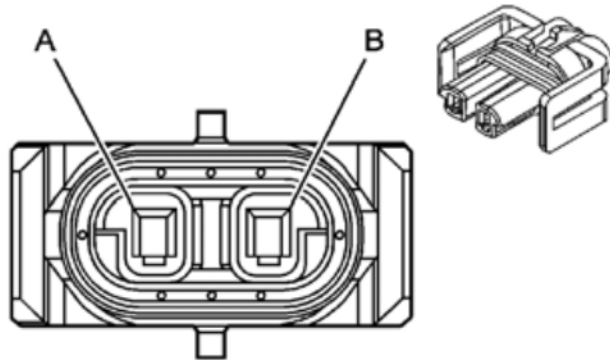
- Pins: 2-5
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Keyless Entry Antenna - Center Console Active (UHA / UHF)

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 PU/WH	5715	Keyless Entry Active Antenna Supply Voltage
3	0.35 GY	5717	Keyless Entry Active Antenna Data Signal

4	0.35 L-BU	5716	Keyless Entry Active Antenna Clock Signal
5	0.35 OG/BK	5718	Keyless Entry Active Antenna Low Reference

Keyless Entry Antenna - Center Console Passive (UHA/UHF)



Connector Part Information

- OEM: 12162017
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (GY)

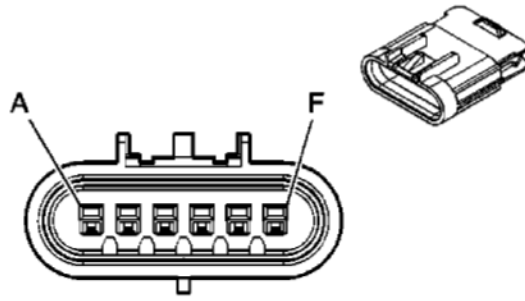
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Keyless Entry Antenna - Center Console Passive (UHA/UHF)

Pin	Wire	Circuit	Function
A	0.35 PU	218	Keyless Entry/Tire Pressure Antenna Signal
B	0.35 TN	219	Keyless Entry Antenna Low Reference

Keyless Entry Antenna - Left Front Door Handle (UHA/UHF)



Connector Part Information

- 15326833
- Service: See Catalog
- Description: 6-way M Sealed (BK)

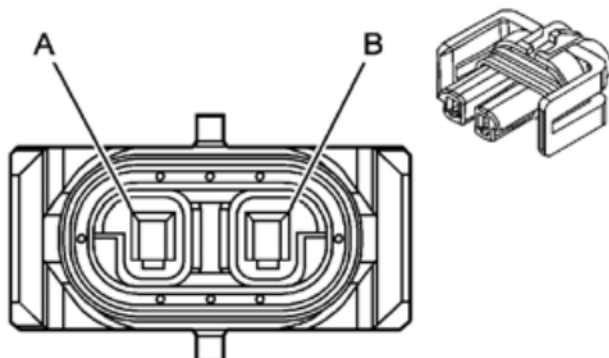
Terminal Part Information

- Terminal/Tray: 184095-1/7
- Core/Insulation Crimp: E/D
- Release Tool/Test Probe: 12094429/J35616-33 (YE)

Keyless Entry Antenna - Left Front Door Handle (UHA/UHF)

Pin	Wire	Circuit	Function
A	0.35 PK	5709	
B	0.35 PK/BK	5713	
C	0.35 BK/WH	351	
D	0.35 BN	5881	
E	0.35 D-BU	5882	
F	0.35 BK/WH	351	

Keyless Entry Antenna - Rear Compartment (UHA/UHF)





Connector Part Information

- OEM: 12162017
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (GY)

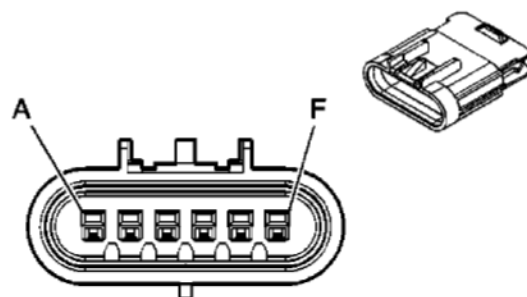
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Keyless Entry Antenna - Rear Compartment (UHA / UHF)

Pin	Wire	Circuit	Function
A	0.35 OG	5708	Keyless Entry Antenna Signal
B	0.35 OG/BK	5712	Keyless Entry Antenna Low Reference

Keyless Entry Antenna - Right Front Door Handle (UHA / UHF)



Connector Part Information

- 15326833
- Service: See Catalog
- Description: 6-Way M Sealed (BK)

Terminal Part Information

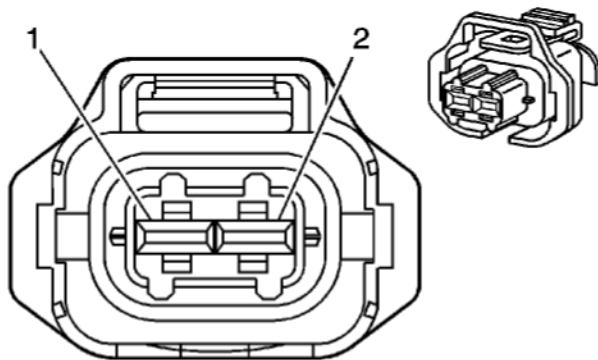
- Terminal/Tray: 184095-1/7
- Core/Insulation Crimp: E/D
- Release Tool/Test Probe: 12094429/J35616-33 (YE)

Keyless Entry Antenna - Right Front Door Handle (UHA / UHF)

Pin	Wire	Circuit	Function

A	0.35 YE	5710	
B	0.35 YE/BK	5714	
C	0.35 BK/WH	451	
D	0.35 GY	5878	
E	0.35 PK	5879	
F	0.35 BK/WH	451	

Knock Sensor (KS) 1



Connector Part Information

- OEM: 1928403874
- Service: 88988963
- Description: 2-Way F Compact 2.8 Series Sealed (BK)

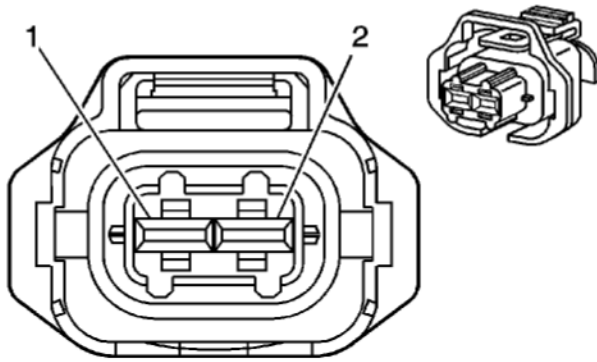
Terminal Part Information

- Terminal/Tray: 1928498054/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Knock Sensor (KS) 1

Pin	Wire	Circuit	Function
1	0.5 D-BU	496	Knock Sensor Signal
2	0.5 GY	1716	Knock Sensor Signal

Knock Sensor (KS) 2



Connector Part Information

- OEM: 1928403874
- Service: 88988963
- Description: 2-Way F Compact 2.8 Series Sealed (BK)

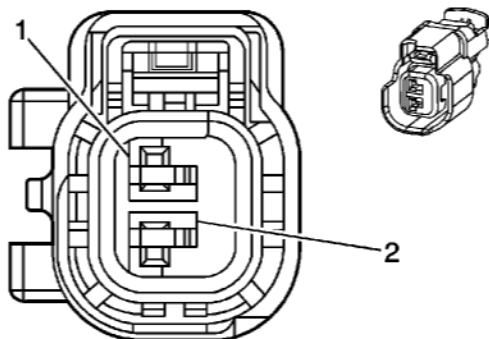
Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

Knock Sensor (KS) 2

Pin	Wire	Circuit	Function
1	0.5 L-BU	1876	Knock Sensor Signal
2	0.5 GY	2303	Knock Sensor Signal

License Lamp - Left



Connector Part Information

- OEM: 34062-0001

- Service: See Catalog
- Description: 2-Way F Sealed (BK)

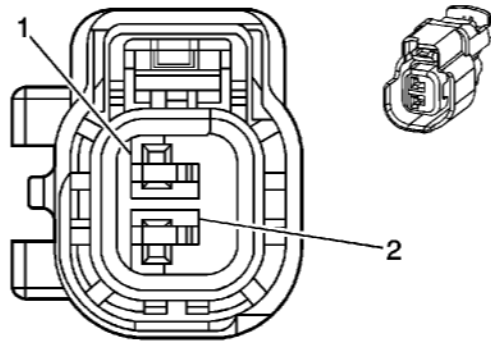
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

License Lamp - Left

Pin	Wire	Circuit	Function
1	0.35 BN/WH	309	Right Park Lamp Supply Voltage
2	0.35 BK	1050	Ground

License Lamp - Right



Connector Part Information

- OEM: 34062-0001
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

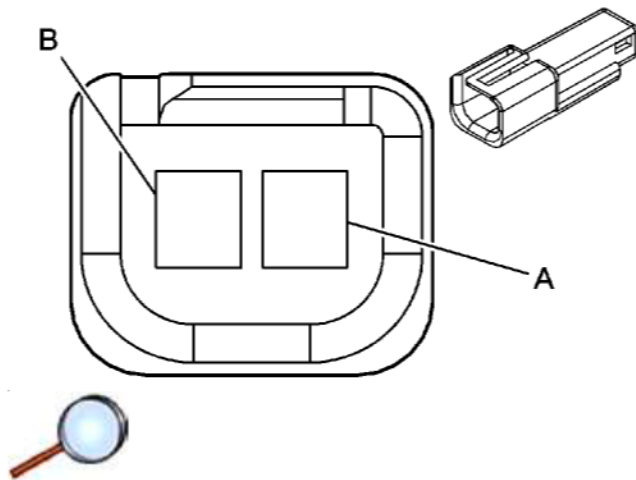
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

License Lamp - Right

Pin	Wire	Circuit	Function
1	0.35 BN/WH	309	Right Park Lamp Supply Voltage
2	0.35 BK	1050	Ground

Marker Lamp - Left Front (without T90)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Sealed (BK)

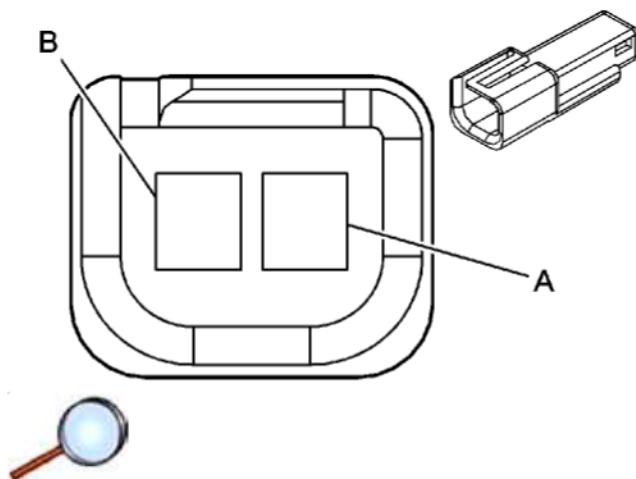
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Marker Lamp - Left Front (without T90)

Pin	Wire	Circuit	Function
A	0.35 BK	709	Left Marker Lamp Supply Voltage
B	0.35 BK	150	Ground

Marker Lamp - Right Front (without T90)



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M Sealed (BK)

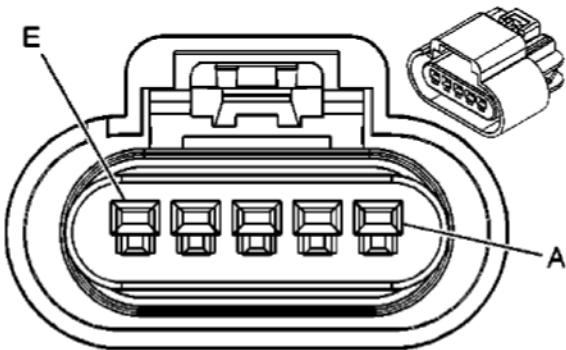
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Marker Lamp - Right Front (without T90)

Pin	Wire	Circuit	Function
A	0.35 BK	309	Right Marker Lamp Supply Voltage
B	0.35 BK	250	Ground

Mass Air Flow (MAF) / Intake Air Temperature (IAT) Sensor



Connector Part Information

- OEM: 13520906
- Service: 19151493
- Description: 5-Way F GT 150 Sealed 4.0 (BK)

Terminal Part Information

- Pins: C
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

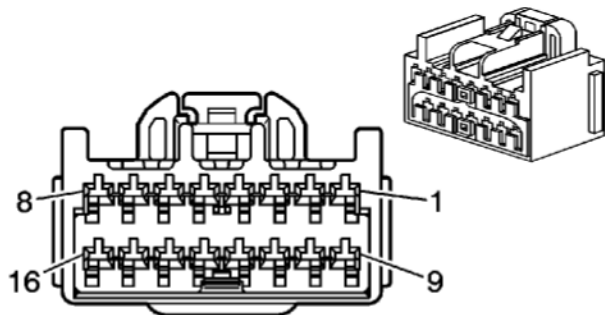
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, B, D, E - E/A
- Core/Insulation Crimp: Pins C - 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Mass Air Flow (MAF) / Intake Air Temperature (IAT) Sensor

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Pin	Wire	Circuit	Function
A	0.5 YE	492	MAF Sensor Signal
B	0.5 PK	339	Ignition 1 Voltage
C	0.8 BK/WH	1551	Ground
D	0.5 L-BU	6289	Induction Air Temperature Sensor Signal
E	0.5 BK	2760	Low Reference

Memory Seat Module (MSM) (A45) X1



Connector Part Information

- OEM: 15134091
- Service: See Catalog
- Description: 16-Way F (BK)

Terminal Part Information

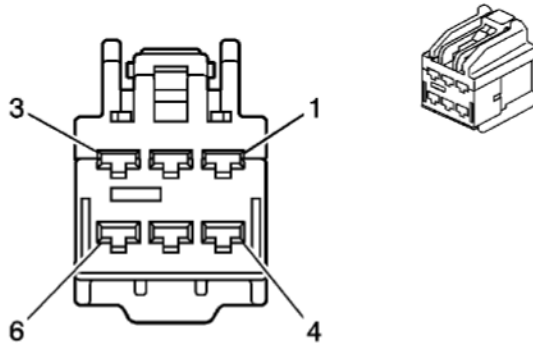
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X1

Pin	Wire	Circuit	Function
1-5	--	--	Not Used
6	0.8 PK	2077	Driver Seat Cushion Heated/Cool Ventilation Module Heat Control (KA1/KB6)
7	1 TN	2110	Steering Column Telescope Motor Control - Reverse
8	1 OG	2098	Steering Column Telescope Motor Forward
9	1 TN	285	Driver Seat Horizontal Motor Forward Control
10	1 L-GN	284	Driver Seat Horizontal Motor Rearward Control
11	0.8 L-GN	2078	Driver Seat Cushion Heated/Cool Ventilation Module Cool Control (KA1/KB6)
12	1 D-GN	286	Driver Seat Front Vertical Motor Up Control

13	1 D-BU	287	Driver Seat Front Vertical Motor Down Control
14	0.8 D-BU	2479	Passenger Seat Cushion Heated/Cool Ventilation Module Heat Control (KA1/KB6)
15	1 YE	282	Driver Seat Rear Vertical Motor Up Control
16	1 L-BU/BK	283	Driver Seat Rear Vertical Motor Down Control

Memory Seat Module (MSM) (A45) X2



Connector Part Information

- OEM: 15134094
- Service: See Catalog
- Description: 6-Way F (BK)

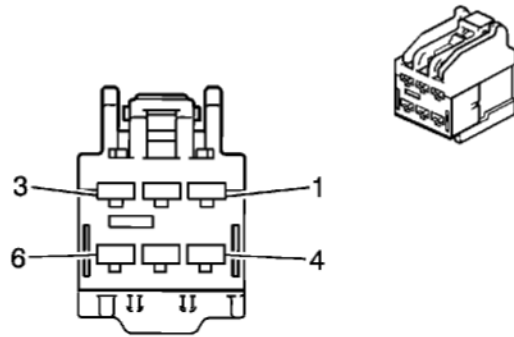
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X2

Pin	Wire	Circuit	Function
1	0.35 GY	6206	Memory Sensor Low Reference
2	--	--	Not Used
3	0.35 YE	2080	Driver Seat Cushion Temperature Sensor Low Reference (KA1/KB6)
4-5	--	--	Not Used
6	0.35 PK	2435	Passenger Seat Cushion Temperature Sensor Low Reference (KA1/KB6)

Memory Seat Module (MSM) (A45) X3



Connector Part Information

- OEM: 15134095
- Service: See Catalog
- Description: 6-Way F (BN)

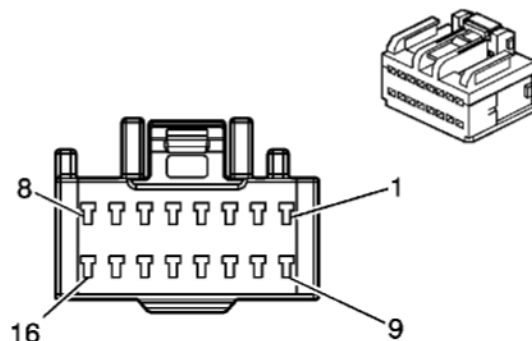
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X3

Pin	Wire	Circuit	Function
1	3 BK	350	Ground
2	2 RD/WH	3740	Battery Positive Voltage
3	0.35 PU/WH	6205	Driver Position Switch High Reference
4	3 BK	350	Ground
5	3 RD/WH	3840	Battery Positive Voltage
6	0.35 RD/WH	3140	Battery Positive Voltage

Memory Seat Module (MSM) (A45) X4





Connector Part Information

- OEM: 15134092
- Service: See Catalog
- Description: 16-Way F (GN)

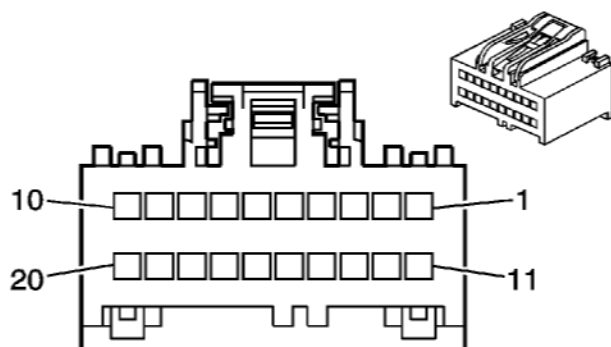
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X4

Pin	Wire	Circuit	Function
1-6	--	--	Not Used
7	1 BN	2112	Steering Column Tilt Motor Control - Down
8	1 PK	2111	Steering Column Tilt Motor Control - Up
9-11	--	--	Not Used
12	1 D-BU	611	Driver Seat Lumbar Motor Forward Control
13	1 PK	610	Driver Seat Lumbar Motor Rearward Control
14	0.8 PK	2480	Passenger Seat Cushion Heated/Cool Ventilation Module Cool Control (KA1/KB6)
15	1 L-GN	276	Driver Seat Recline Motor Forward Control
16	1 L-BU	277	Driver Seat Recline Motor Rearward Control

Memory Seat Module (MSM) (A45) X5



Connector Part Information

- OEM: 15126711
- Service: See Catalog
- Description: 20-Way F (BK)

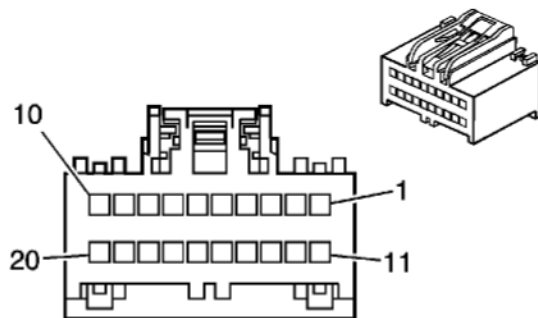
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X5

Pin	Wire	Circuit	Function
1	0.35 YE/BK	2079	Seat Cushion Temperature Sensor Signal (KA1/KB6)
2	0.35 GY	2434	Passenger Seat Cushion Temperature Sensor Signal (KA1/KB6)
3-8	--	--	Not Used
9	0.35 OG/BK	2153	Steering Column Telescope Sensor Signal
10	--	--	Not Used
11	0.35 TN	6207	Memory Sensor High Reference
12-13	--	--	Not Used
14	0.35 BN/WH	557	Front Vertical Seat Motor Position Sensor Signal
15	0.35 TN/BK	568	Rear Vertical Seat Motor Position Sensor Signal
16	0.35 D-GN	569	Horizontal Seat Motor Position Sensor Signal
17	0.35 WH/BK	570	Driver Seat Recline Motor Position Sensor Signal
18	--	--	Not Used
19	0.35 YE	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
20	0.35 OG	2154	Steering Column Tilt Sensor Signal

Memory Seat Module (MSM) (A45) X6



Connector Part Information

- OEM: 15126710

- Service: See Catalog
- Description: 20-Way F (GY)

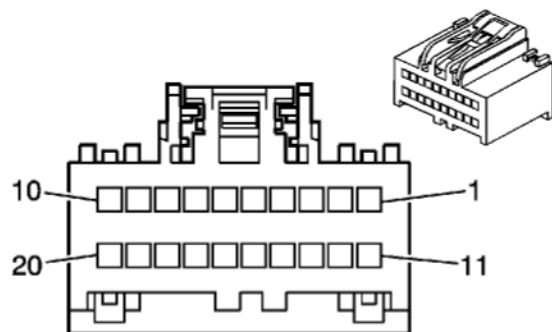
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X6

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 D-BU	5915	Passenger Seat Blower Speed Control (KB6)
3-5	--	--	Not Used
6	0.35 YE	1065	Driver Seat Lumbar Forward Switch Signal
7	--	--	Not Used
8	0.35 GY	2096	Steering Column Tilt and Telescope Up Switch Signal
9	0.35 PK	2094	Steering Column Tilt and Telescope Forward Switch Signal
10	--	--	Not Used
11	0.35 OG	5919	Driver Seat Blower Speed Control
12-15	--	--	Not Used
16	0.35 D-BU	1064	Driver Seat Lumbar Rearward Switch Signal
17	--	--	Not Used
18	0.35 YE	2097	Steering Column Tilt and Telescope Down Switch Signal
19	0.35 OG	2095	Steering Column Tilt and Telescope Reverse Switch Signal
20	--	--	Not Used

Memory Seat Module (MSM) (A45) X7



Connector Part Information

- OEM: 15126709

- Service: See Catalog
- Description: 20-Way F (BN)

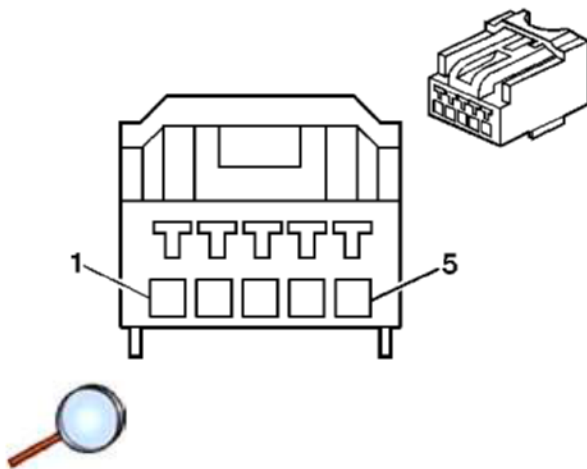
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Memory Seat Module (MSM) (A45) X7

Pin	Wire	Circuit	Function
1-6	--	--	Not Used
7	0.35 D-GN	1518	Power Seat Front Vertical Up Switch Signal
8	0.35 YE	1519	Power Seat Rear Vertical Up Switch Signal
9	0.35 TN	1522	Power Seat Horizontal Forward Switch Signal
10	0.35 GY/BK	1269	Power Seat Recline Forward Switch Signal
11-15	--	--	Not Used
16	0.35 D-GN	5060	Low Speed GMLAN Serial Data
17	0.35 D-BU	1520	Power Seat Front Vertical Down Switch Signal
18	0.35 L-BU	1521	Power Seat Rear Vertical Down Switch Signal
19	0.35 L-GN	1523	Power Seat Horizontal Rearward Switch Signal
20	0.35 D-GN/WH	1270	Power Seat Recline Rearward Switch Signal

Mode Actuator



Connector Part Information

- OEM: 7283583030
- Service: See Catalog
- Description: 5-Way F (BK)

Terminal Part Information

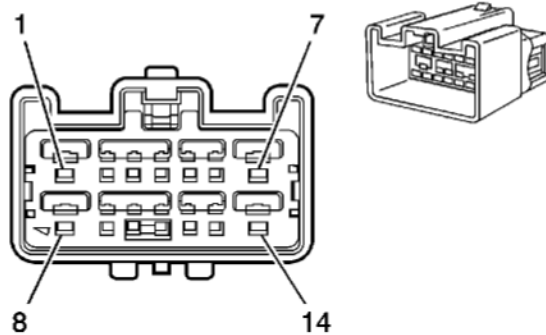
- Terminal/Tray: See Terminal Repair Kit

- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Mode Actuator

Pin	Wire	Circuit	Function
1	0.35 GY	605	5-Volt Reference 3
2	0.35 YE	61	Low Reference
3	0.35 YE/BK	1814	Lower Mode Door Position Signal
4	0.35 OG	2273	Mode Door Control
5	0.35 YE/GN	1318	Mode Door Control

Navigation and Traffic Data Antenna (U2X)



Connector Part Information

- OEM: 7283-6454-40
- Service: See Catalog
- Description: 14-Way F (L-GY)

Terminal Part Information

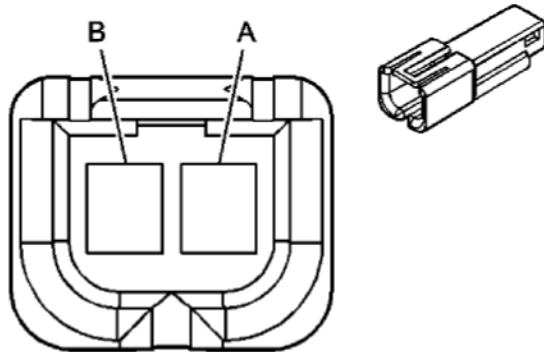
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Navigation and Traffic Data Antenna (U2X)

Pin	Wire	Circuit	Function
1	0.35 YE	--	COAX
2-3	--	--	Not Used
4	0.35 GY	--	COAX
5	0.35 BARE	1782	Drain Wire
6	0.35 BN	--	COAX
7-11	--	--	Not Used

12	0.35 YE	--	COAX
13-14	--	--	Not Used

Noise Compensation Microphone (UQS)



Connector Part Information

- OEM: 12059254
- Service: See Catalog
- Description: 2-Way F (GN)

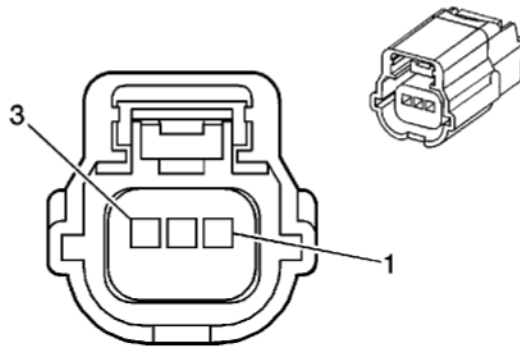
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Noise Compensation Microphone (UQS)

Pin	Wire	Circuit	Function
A	0.35 BARE	1489	Drain Wire
B	0.35 D-GN	1488	Noise Compensation Microphone Supply Voltage

Object Alarm Sensor - Left Rear Corner (UD7)



Connector Part Information

- OEM: 31403-3700
- Service: 88988337
- Description: 3-Way F MX64 Series Sealed (BK)

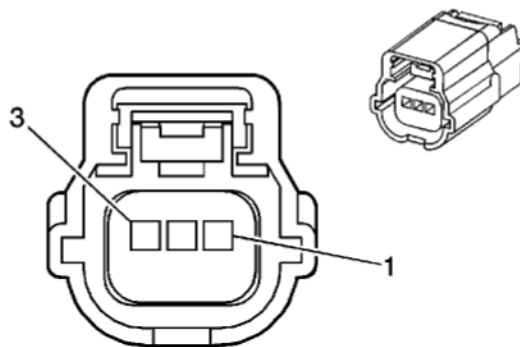
Terminal Part Information

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Object Alarm Sensor - Left Rear Corner (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 YE	2375	Left Rear Corner Object Sensor Signal

Object Alarm Sensor - Left Rear Middle (UD7)



Connector Part Information

- OEM: 31403-3700
- Service: 88988337
- Description: 3-Way F MX64 Series Sealed (BK)

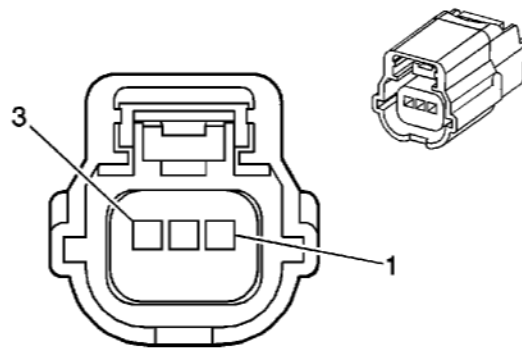
Terminal Part Information

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Object Alarm Sensor - Left Rear Middle (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 OG	2376	Left Rear Middle Object Sensor Signal

Object Alarm Sensor - Right Rear Corner (UD7)



Connector Part Information

- OEM: 31403-3700
- Service: 88988337
- Description: 3-Way F MX64 Series Sealed (BK)

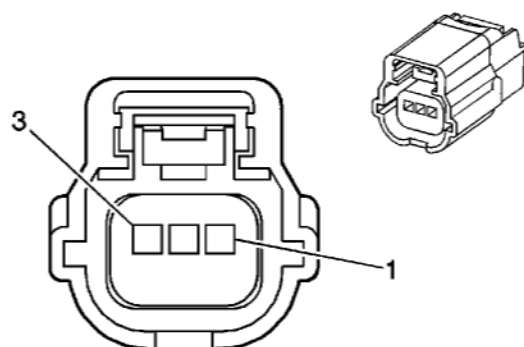
Terminal Part Information

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Object Alarm Sensor - Right Rear Corner (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 RD	2378	Right Rear Corner Object Sensor Signal

Object Alarm Sensor - Right Rear Middle (UD7)



Connector Part Information

- OEM: 31403-3700
- Service: 88988337
- Description: 3-Way F MX64 Series Sealed (BK)

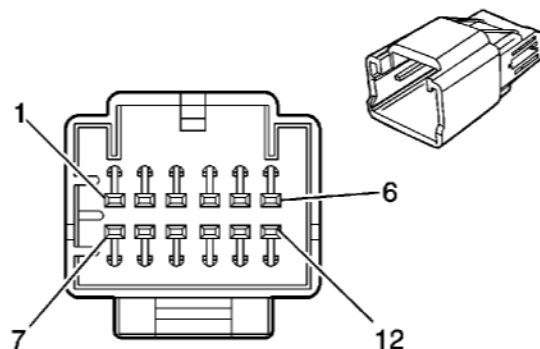
Terminal Part Information

- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Object Alarm Sensor - Right Rear Middle (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 D-GN	2377	Right Rear Middle Object Sensor Signal

Outside Rearview Mirror - Driver





Connector Part Information

- OEM: 7282-7696-40
- Service: See Catalog
- Description: 12-Way M (L-GY)

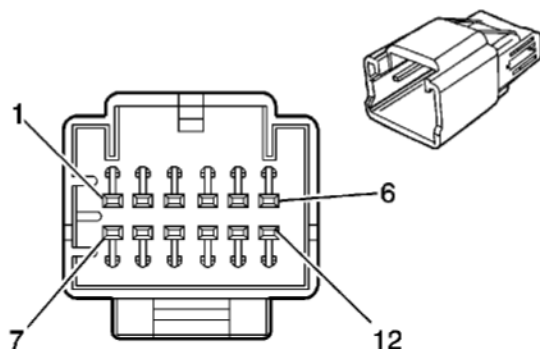
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Outside Rearview Mirror - Driver

Pin	Wire	Circuit	Function
1	0.35 D-BU/WH	6160	Outside Left Mirror Vertical Position Control
2	0.35 WH	7197	Outside Left Mirror Drive Motor Common
3	0.35 D-GN/WH	6159	Outside Left Mirror Horizontal Position Control
4	0.35 YE	190	Driver Folding Mirror Motor Extend Control (DL7/D26)
5	0.35 L-BU	191	Driver Folding Mirror Motor Retract Control (DL7/D26)
6	0.8 BK	350	Ground
7	0.8 WH	606	Driver Mirror Heating Element Supply Voltage
8	--	--	Not Used
9	0.35 D-BU	672	5-Volt Reference (A45)
10	0.35 D-GN	784	Driver Mirror Vertical Position Sensor Signal (A45)
11	0.35 GY	786	Driver Mirror Horizontal Position Sensor Signal (A45)
12	0.35 BN	673	Low Reference (A45)

Outside Rearview Mirror - Passenger



Connector Part Information

- OEM: 7282-7696-40
- Service: See Catalog
- Description: 12-Way M (L-GY)

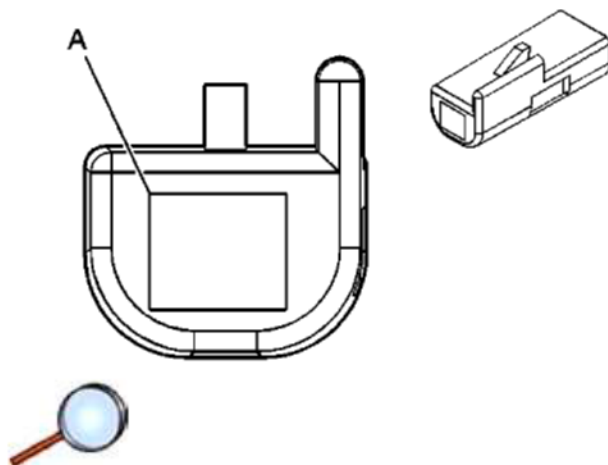
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Outside Rearview Mirror - Passenger

Pin	Wire	Circuit	Function
1	0.35 OG/BK	6162	Outside Right Mirror Vertical Position Control
2	0.35 WH	7196	Outside Right Mirror Drive Motor Common
3	0.35 GY/BK	6161	Outside Right Mirror Horizontal Position Control
4	0.35 YE	5004	Passenger Folding Mirror Motor Extend Control (DL7/D26)
5	0.35 L-BU	5023	Passenger Folding Mirror Motor Retract Control (DL7/D26)
6	0.8 BK	450	Ground
7	0.8 PU	607	Passenger Mirror Heating Element Supply Voltage
8	--	--	Not Used
9	0.35 YE	674	5-Volt Reference (A45)
10	0.35 BN	787	Passenger Mirror Vertical Position Sensor Signal (A45)
11	0.35 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal (A45)
12	0.35 L-GN	675	Low Reference (A45)

Park Brake Switch (without J77)



Connector Part Information

- OEM: 12047682
- Service: See Catalog
- Description: 1-Way F Metri-Pack 150 Series (BK)

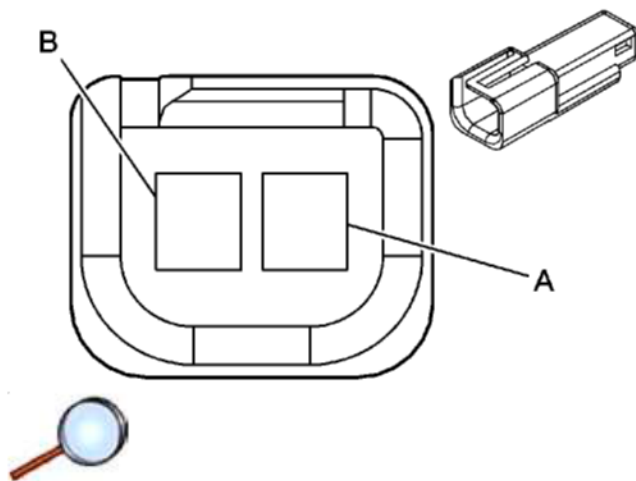
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Park Brake Switch (without J77)

Pin	Wire	Circuit	Function
A	0.5 OG/BK	233	Park Brake Switch Signal

Park Lamp - Left Front



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M (BK)

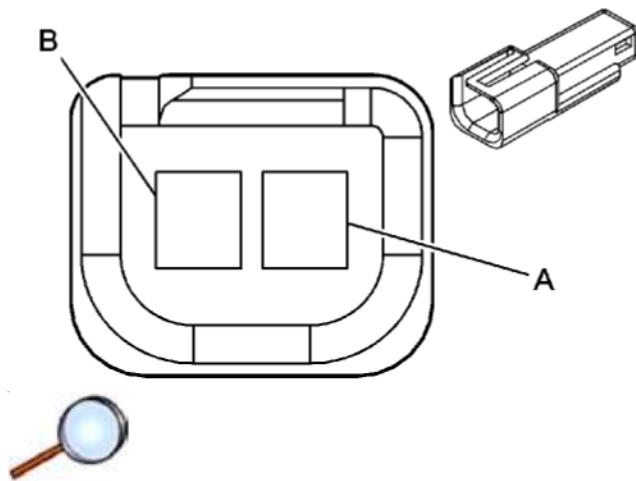
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Park Lamp - Left Front

Pin	Wire	Circuit	Function
A	0.35 BK	709	Left Park Lamp Supply Voltage
B	0.35 BK	150	Ground

Park Lamp - Right Front



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way M (BK)

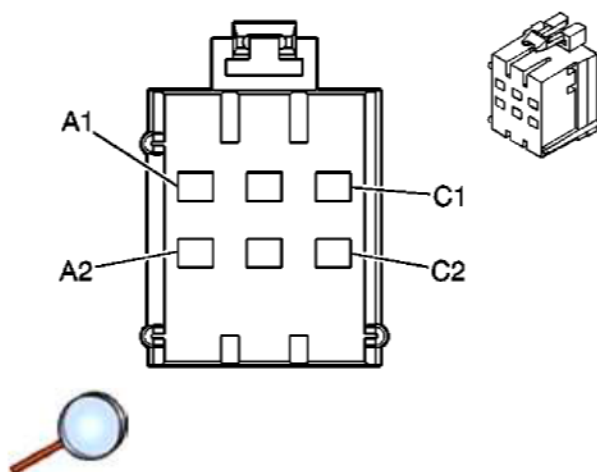
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Park Lamp - Right Front

Pin	Wire	Circuit	Function
A	0.35 BK	309	Right Park Lamp Supply Voltage
B	0.35 BK	250	Ground

Park Lamp Relay (T90)



Connector Part Information

- OEM: 12110541

- Service: See Catalog
- Description: 6-Way F Metri-Pack 280 Series, Flexlock (BK)

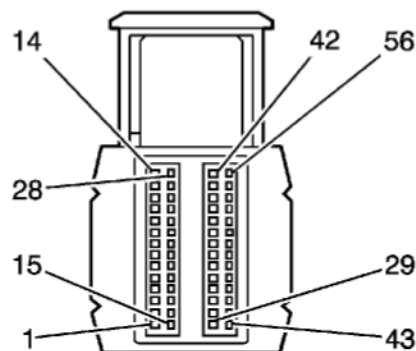
Terminal Part Information

- Pins: A1, A2, C1, C2
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: Pins A1, A2 - E/C
- Core/Insulation Crimp: Pins C1, C2 - E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Park Lamp Relay (T90)

Pin	Wire	Circuit	Function
A1	0.35 BK	1050	Ground
A2	0.35 BN	2209	Rear Park Lamps Supply Voltage
B1-B2	--	--	Not Used
C1	0.5 BN/WH	309	Right Park Lamp Supply Voltage
C2	0.5 PU	709	Left Park Lamp Supply Voltage

Pedestrian Impact Detection Module X1 (B3T)



Connector Part Information

- OEM: 1452636-3
- Service: See Catalog
- Description: 56-Way F (BK)

Terminal Part Information

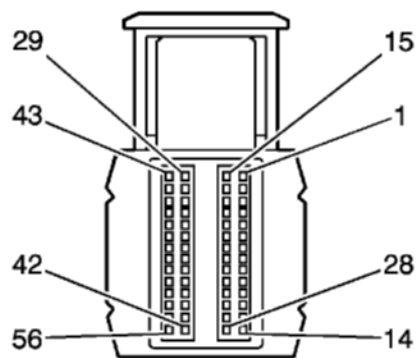
- Pins: 15-18, 35-38
- Terminal/Tray: 1411560-2/25
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Pedestrian Impact Detection Module X1 (B3T)

--	--	--	--

Pin	Wire	Circuit	Function
1-14	--	--	Not Used
15	0.35 WH	7492	Hood Actuator Hood High Reference
16	0.35 PU	7491	Hood Actuator Hood Low Reference
17	0.35 OG	7489	Actuator Hood Low Reference
18	0.35 PK	7490	Hood Actuator Hood High Reference
19-34	--	--	Not Used
35	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
36	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
37	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
38	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
39-56	--	--	Not Used

Pedestrian Impact Detection Module X2 (B3T)



Connector Part Information

- OEM: 1452636-4
- Service: See Catalog
- Description: 56-Way F (BK)

Terminal Part Information

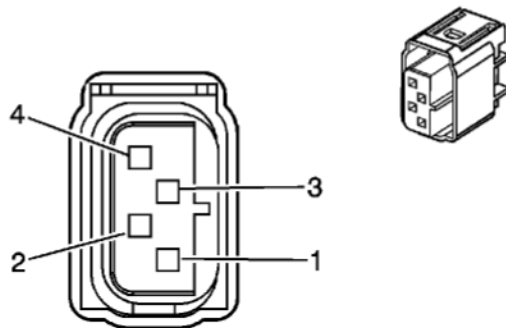
- Pins: 15, 16, 29-31, 39-42
- Terminal/Tray: 1411560-2/25
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Pedestrian Impact Detection Module X2 (B3T)

Pin	Wire	Circuit	Function
1-14	--	--	Not Used
15	0.5 RD/WH	2740	Battery Positive Voltage

16	0.35 BK/WH	651	Ground
17-28	--	--	Not Used
29	0.35 L-BU	5986	Serial Data Communication Enable
30	0.35 YE	2160	Front End Discriminating Sensor Signal
31	0.35 GY	2260	SIR Forward Sensor Low Reference
32-38	--	--	Not Used
39	0.35 YE	1834	Forward Discriminating Sensor Signal
40	0.35 TN	407	Low Reference
41	0.35 GY	349	Discriminating Sensor - Left - Signal
42	0.35 D-GN/WH	6620	Left Middle Side Impact Sensing Module Signal
43-56	--	--	Not Used

Pedestrian Impact Detection Sensor - Front Upper Beam (B3T)



Connector Part Information

- OEM: 1-967640-1
- Service: 88953370
- Description: 4-Way F MQS Socket Housing, Sealed (BK)

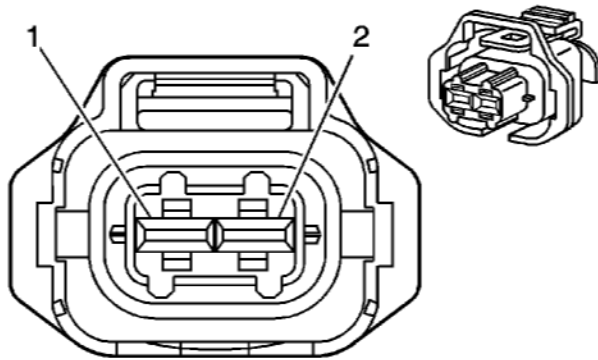
Terminal Part Information

- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Pedestrian Impact Detection Sensor - Front Upper Beam (B3T)

Pin	Wire	Circuit	Function
1	0.35 TN	407	Low Reference
2	0.35 YE	1834	Forward Discriminating Sensor Signal
3	0.35 D-GN/WH	6620	Left Middle Side Impact Sensing Module Signal
4	0.35 GY	349	Discriminating Sensor - Left - Signal

Pedestrian Impact Detection Sensor - Rear Upper Beam (B3T)



Connector Part Information

- OEM: 5-1241905-7
- Service: See Catalog
- Description: 2-Way F (YE)

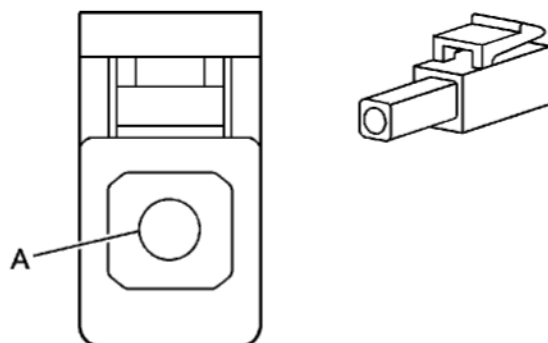
Terminal Part Information

- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Pedestrian Impact Detection Sensor - Rear Upper Beam (B3T)

Pin	Wire	Circuit	Function
1	0.35 YE	2160	Front End Discriminating Sensor Signal
2	0.35 GY	2260	SIR Forward Sensor Low Reference

Radio Antenna Module



Connector Part Information

- OEM: 172335-1
- Service: 19149535
- Description: 1-Way F Mini Universal Mate-N-Lock (WH)

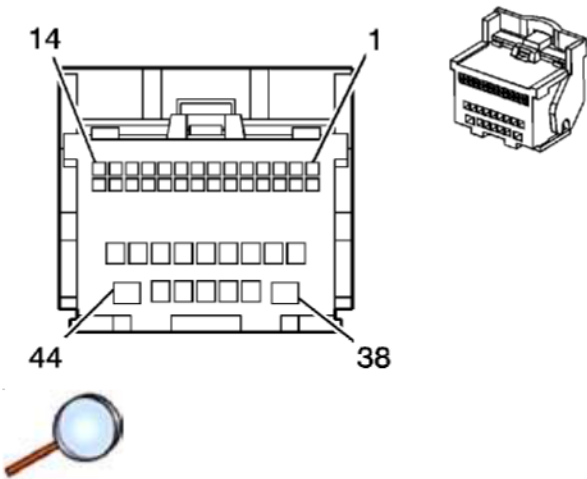
Terminal Part Information

- Terminal/Tray: 770904-1/25
- Core/Insulation Crimp: E/2
- Release Tool/Test Probe: J-38125-220/J-35616-6 (BN)

Radio Antenna Module

Pin	Wire	Circuit	Function
A	0.35 WH	7066	Entertainment Remote Enable Signal

Radio X1



Connector Part Information

- OEM: RADPB-44-1AK
- Service: See Catalog
- Description: 44-Way F (BK)

Terminal Part Information

- Pins: 29-34, 37, 39-43
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 38, 44
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 2-11, 13-24, 27, 28

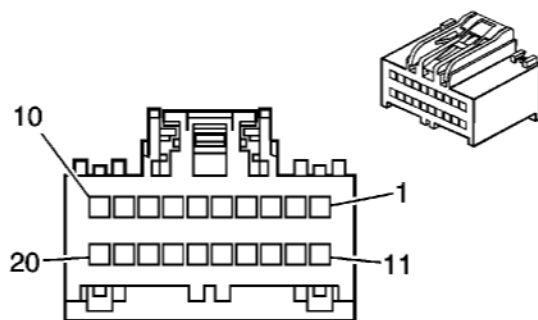
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 2, 13, 16, 27 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 3-11, 14, 15, 17-24, 28 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Radio X1

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.5 YE	1219	Navigation Display Serial Data Low
3	0.5 BARE	813	Drain Wire
4	0.35 OG	6761	Center Channel Low Level Audio Signal (-) (UQS)
5	0.35 PK	6762	Subwoofer Low Level Audio (-) (UQS)
6	0.35 L-BU	1405	Remote Playback Device Audio Common Signal (UE1)
7	0.35 GY	388	Remote Radio Right Audio Signal (U2X/U2Y)
8	0.35 TN/WH	372	Remote Radio Audio Output (U2X/U2Y)
9	0.35 BARE	5345	Drain Wire (U2X/U2Y)
10	0.35 D-GN/WH	5841	Right Auxiliary Audio Signal (2)
11	0.35 PK	2060	Auxiliary Detection Signal
12	--	--	Not Used
13	0.5 PU/GN	7311	High Position Display Control Wake-Up Signal
14	0.35 D-GN	5060	Low Speed GMLAN Serial Data
15	0.35 OG	5748	Radio Audio Mute Signal (WXS)
16	0.5 TN	1171	Navigation Display Serial Data High
17	0.35 BARE	6759	Discrete Audio Drain Wire (UQS)
18	0.35 D-BU	6760	Center Channel Low Level Audio Signal (UQS)
19	0.35 WH	6763	Subwoofer Low Level Audio Signal (UQS)
20	0.35 OG/BK	1406	Remote Playback Device Left Audio Signal (UE1/WXS)
21	0.35 D-GN/WH	368	Remote Radio Right Audio Signal (U2X/U2Y)
22	0.35 BN/WH	367	Remote Radio Left Audio Signal (U2X/U2Y)
23	0.35 D-BU	5843	Auxiliary Audio Common Signal
24	0.35 L-GN	5839	Left Auxiliary Audio Signal (2)
25-26	--	--	Not Used
27	0.5 L-GN	1011	Remote Radio Control Signal
28	0.35 D-GN	5060	Low Speed GMLAN Serial Data
29	0.35 BARE	1573	Drain Wire (UQS)
30	0.35 BARE	1574	Drain Wire
31	0.35 L-GN	1948	Right Front Low Level Audio Signal (-)
32	0.35 D-GN	1947	Left Front Low Level Audio Signal (-)
33	0.35 TN	1946	Right Rear Low Level Audio Signal (-)

34	0.35 BN	1999	Left Rear Low Level Audio Signal (-)
35-36	--	--	Not Used
37	0.35 OG	5748	Radio Audio Mute Signal (UQA)
38	1 BK/WH	851	Ground
39	0.35 L-GN/WH	512	Right Front Low Level Audio Signal (+)
40	0.35 TN	511	Left Front Low Level Audio Signal (+)
41	0.35 D-BU	546	Right Rear Low Level Audio Signal (+)
42	0.35 BN/WH	599	Left Rear Low Level Audio Signal (+)
43	0.35 WH	7066	Entertainment Remote Enable Signal (U2R/U2S/U2T/UAV/U2X/U2Y)
44	1 RD/WH	1040	Battery Positive Voltage

Radio X4 (UQS / UAV / U2X / U2Y / WXS)



Connector Part Information

- OEM: 15126710
- Service: See Catalog
- Description: 20-Way F USCAR 0.64 Series (GY)

Terminal Part Information

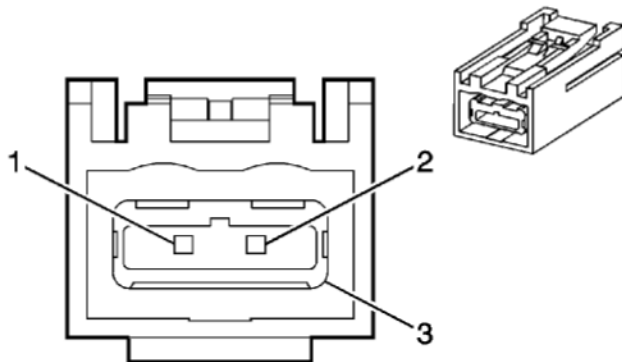
- Pins: 1-11, 13-20
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1-3, 6, 8, 11, 14, 16, 18, 20 - P/P
- Core/Insulation Crimp: Pins 4, 5, 7, 9, 10, 13, 15, 17, 19 - See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Radio X4 (UQS / UAV / U2X / U2Y / WXS)

Pin	Wire	Circuit	Function
1	0.35 GY	--	COAX (U2X)

2	0.35 YE	--	COAX (U2X)
3	0.35 BARE	1782	Drain Wire (U2X)
4	0.5 YE	901	Video Display Position Control (UAV/U2X/U2Y)
5	0.5 GY	--	COAX (U2X/U2Y)
6	0.35 GY	655	Cellular Microphone Signal (WXS)
	0.35 PK	5149	Voice Recognition Audio Signal (UAV with UE1)
7	0.5 YE	5342	Navigation Audio Signal (+) (UQS with UAV/U2X/U2Y)
8	0.35 BARE	--	COAX (UAV/U2X/U2Y)
9	0.5 TN	--	COAX (UAV/U2X/U2Y)
10	0.5 OG	--	COAX (UAV/U2X/U2Y)
11	0.35 BN	--	COAX (U2X)
12	--	--	Not Used
13	0.5 YE	902	Video Display Position Signal (UAV/U2X/U2Y)
14	0.35 YE	--	COAX (U2X)
15	0.5 BK	--	COAX (U2X/U2Y)
16	0.35 PK/BK	5152	Voice Recognition Audio Low Reference (UAV with UE1)
	0.35 BARE	514	Ground (WXS)
17	0.5 WH	5343	Navigation Audio Signal (-) (UQS with UAV/U2X/U2Y)
18	0.35 BARE	5344	Drain Wire (UQS with UAV/U2X/U2Y)
19	0.5 YE	--	COAX (UAV/U2X/U2Y)
20	0.35 D-GN/WH	817	Vehicle Speed Signal (UAV/U2X/U2Y)

Radio X5 (UAV / U2X / U2Y)



Connector Part Information

- OEM: MX38-FF-A-A-L915
- Service: See Catalog
- Description: 3-Way F (L-BU)

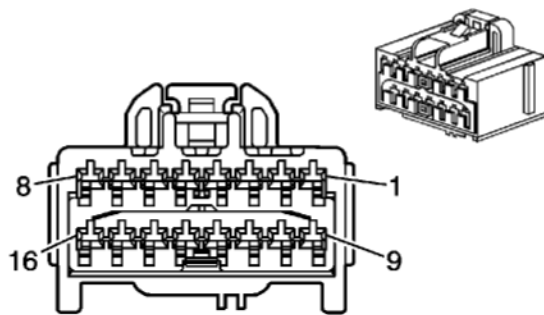
Terminal Part Information

- Pins: 1-3
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 2 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 3 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Radio X5 (UAV/U2X/U2Y)

Pin	Wire	Circuit	Function
1	0.5 GY/BK	--	COAX
2	0.5 D-GN/WH	--	COAX
3	0.35 BARE	--	COAX

Radio / HVAC Control



Connector Part Information

- OEM: 7283-9076-30
- Service: 15136073
- Description: 16-Way F (BK)

Terminal Part Information

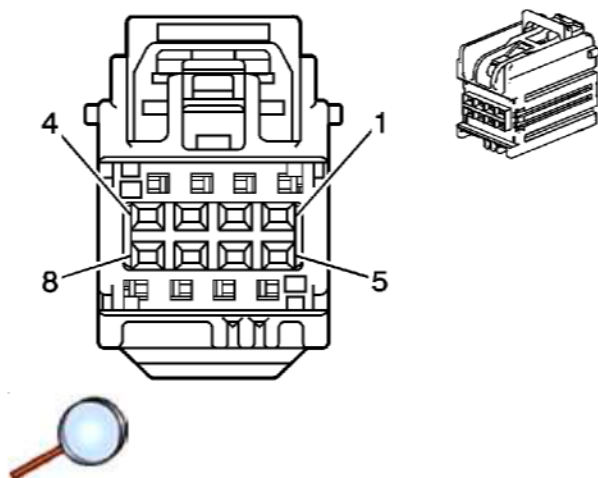
- Pins: 1-4, 6, 8, 9, 11, 14-16
- Terminal/Tray: SAITS-A03T-M064/14
- Core/Insulation Crimp: Pins 1, 2, 4, 8, 11, 16 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 3, 6, 9, 14, 15 - P/P
- Release Tool/Test Probe: J38125-215A/64B

Radio / HVAC Control

Pin	Wire	Circuit	Function
1	0.5 TN	1171	Navigation Display Serial Data High
2	0.5 YE	1219	Navigation Display Serial Data Low
3	0.35 BARE	813	Drain Wire
4	0.5 PU/GN	7311	High Position Display Control Wake-Up Signal

5	--	--	Not Used
6	0.35 L-GN	6096	Washer Fluid Heated Control Switch Signal (XA7)
7	--	--	Not Used
8	0.5 RD/WH	1040	Battery Positive Voltage
9-10	--	--	Not Used
11	0.5 L-GN	1011	Remote Radio Control Signal
12-13	--	--	Not Used
14	0.35 BN/WH	1571	Traction Control Switch Signal
15	0.35 TN	2144	Hazard Switch Signal
16	0.5 BK/WH	851	Ground

Radio / HVAC Display X1 (UAV / U2X / U2Y)



Connector Part Information

- OEM: 7283-9028-30
- Service: 89047352
- Description: 8-Way F YESC Kaizen Series (BK)

Terminal Part Information

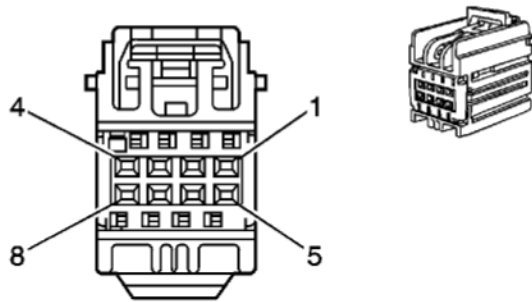
- Pins: 1-4, 6-8
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1-3, 7, 8 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 4, 6 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Radio / HVAC Display X1 (UAV / U2X / U2Y)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	1040	Battery Positive Voltage
2	0.5 BK/WH	851	Ground
3	0.5 OG	--	COAX
4	0.35 WH	7066	Entertainment Remote Enable Signal

5	--	--	Not Used
6	0.35 BARE	--	COAX
7	0.5 TN	--	COAX
8	0.5 YE	--	COAX

Radio / HVAC Display X2 (UAV / U2X / U2Y)



Connector Part Information

- OEM: 7283-9029-40
- Service: 19115653
- Description: 8-Way F YESC Kaizen Series (L-GY)

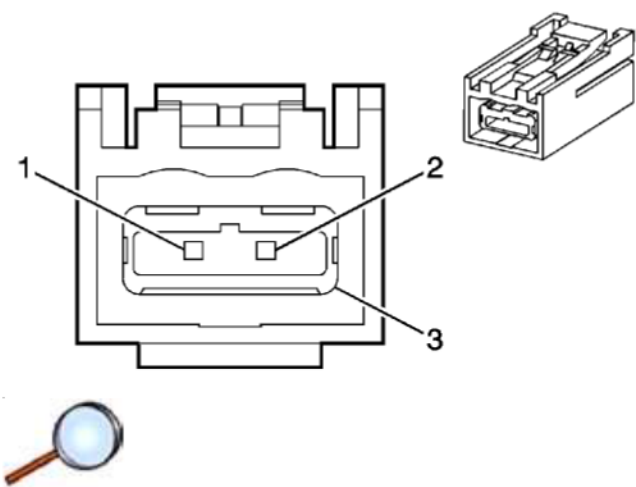
Terminal Part Information

- Pins: 1-5
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 4, 5 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 2, 3 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Radio / HVAC Display X2 (UAV / U2X / U2Y)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	2240	Battery Positive Voltage
2	0.35 BK	350	Ground
3	0.35 WH	7066	Entertainment Remote Enable Signal
4	0.5 YE	901	Video Display Position Control
5	0.5 YE	902	Video Display Position Signal
6-8	--	--	Not Used

Radio / HVAC Display X3 (UAV / U2X / U2Y)



Connector Part Information

- OEM: MX38-FF-A-A-L915
- Service: See Catalog
- Description: 3-Way F (L-BU)

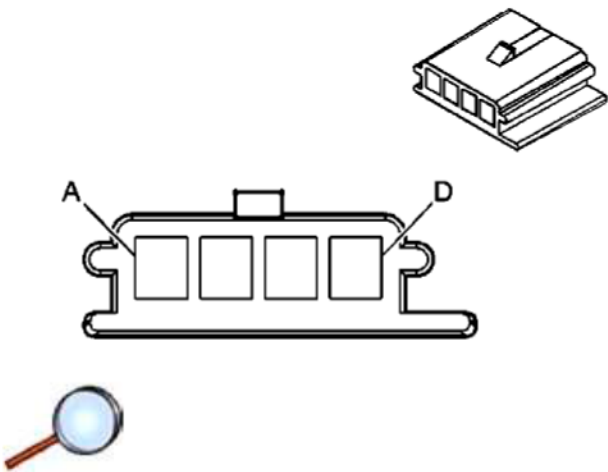
Terminal Part Information

- Pins: 1-3
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: Pins 1, 2 - See Terminal Repair Kit
- Core/Insulation Crimp: Pins 3 - P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Radio / HVAC Display X3 (UAV / U2X / U2Y)

Pin	Wire	Circuit	Function
1	0.5 GY/BK	--	COAX
2	0.5 D-GN/WH	--	COAX
3	0.35 BARE	--	COAX

Rear Compartment Lid Latch



Connector Part Information

- OEM: 12045813
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Series (CR)

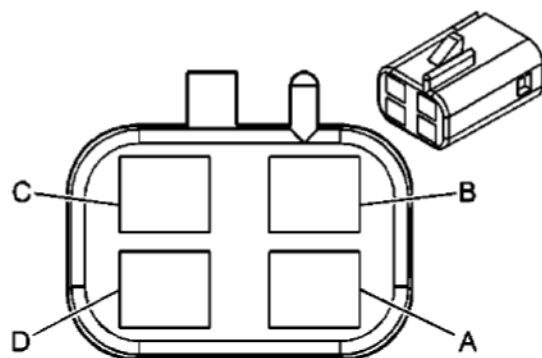
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Rear Compartment Lid Latch

Pin	Wire	Circuit	Function
A	0.5 TN/WH	56	Rear Compartment Lid Release Switch
B	0.5 BK	1050	Ground
C	0.35 PK/BK	1303	Liftgate Ajar Switch Signal
D	0.5 OG/BK	744	Rear Compartment Lid Ajar Switch Signal

Rear Compartment Lid Release Switch - Interior



Connector Part Information

- OEM: 12047785
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Series (BK)

Terminal Part Information

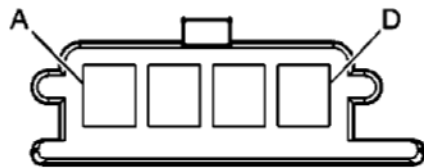
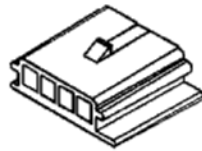
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Rear Compartment Lid Release Switch - Interior

Pin	Wire	Circuit	Function

A	0.35 BK/WH	51	Low Reference
B	--	--	Not Used
C	0.35 PK	6190	Rear Compartment Lid Release Switch Signal
D	0.35 YE	1491	Backlight Lamp Control

Rear Compartment Lid Release Switch - Exterior (UHA/UHF)



Connector Part Information

- OEM: 15934059
- Service: See Catalog
- Description: 4-Way F (BK)

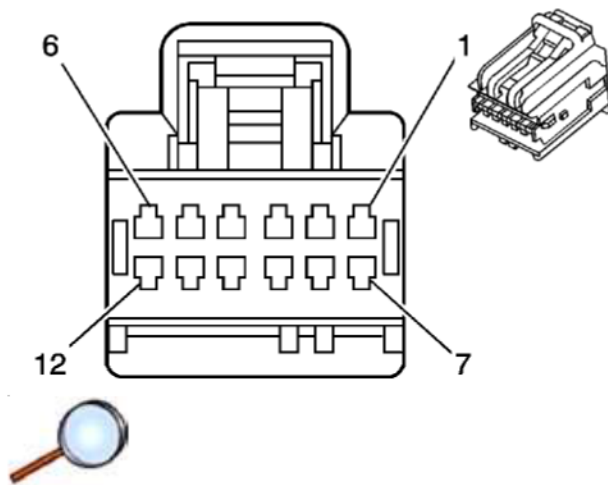
Terminal Part Information

- Pins: A, C
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Rear Compartment Lid Release Switch - Exterior (UHA/UHF)

Pin	Wire	Circuit	Function
A	0.35 PU/WH	383	Trunk Release Control
B	--	--	Not Used
C	0.35 GY	1051	Ground
D	--	--	Not Used

Rear Object Sensor Control Module X1 (UD7)



Connector Part Information

- OEM: 31410-1120
- Service: 89047364
- Description: 12-Way F 0.64 Series (BK)

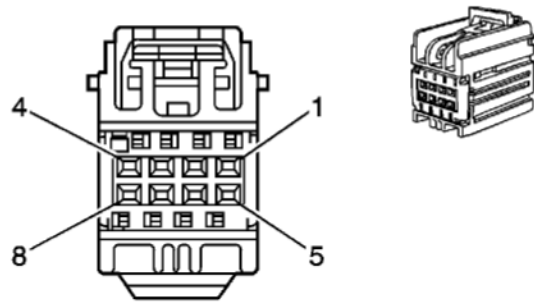
Terminal Part Information

- Pins: 1, 2, 4, 6, 7, 9, 10
- Terminal/Tray: SAITS-A03T-M064
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: See Terminal Repair Kit

Rear Object Sensor Control Module X1 (UD7)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	3140	Battery Positive Voltage
2	0.35 WH	2370	Telltale Assembly Supply Voltage
3	--	--	Not Used
4	0.35 OG	2371	Left Amber Indicator Control
5	--	--	Not Used
6	0.35 D-GN	5060	Low Speed GMLAN Serial Data
7	0.35 BK	850	Ground
8	--	--	Not Used
9	0.35 D-BU	2372	Center Amber Indicator Control
10	0.35 GY	2373	Red Indicator Control
11-12	--	--	Not Used

Rear Object Sensor Control Module X2 (UD7)



Connector Part Information

- OEM: 7283-9029-40
- Service: See Catalog
- Description: 8-Way F YESC Kaizen Series (GY)

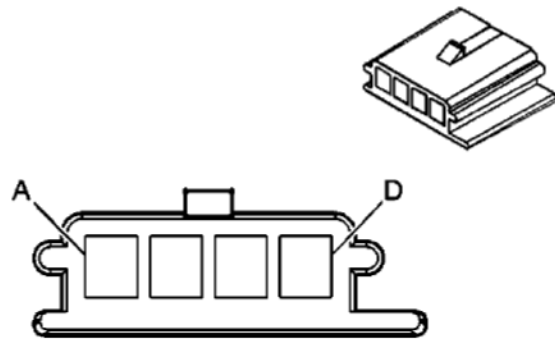
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Rear Object Sensor Control Module X2 (UD7)

Pin	Wire	Circuit	Function
1	0.35 PU	2378	Right Rear Corner Object Sensor Signal
2	0.35 D-GN	2377	Right Rear Middle Object Sensor Signal
3	0.35 OG	2376	Left Rear Middle Object Sensor Signal
4	0.35 D-BU	2374	Object Sensor Supply Voltage
5	0.35 YE	2375	Left Rear Corner Object Sensor Signal
6-7	--	--	Not Used
8	0.35 GY	2379	Object Sensor Low Reference

Rear Parking Assist (RPA) Display (UD7)



Connector Part Information

- OEM: 12045813
- Service: See Catalog
- Description: 4-Way F (TN)

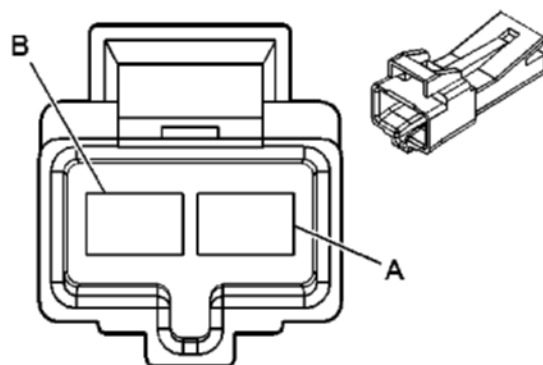
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Rear Parking Assist (RPA) Display (UD7)

Pin	Wire	Circuit	Function
A	0.35 WH	2370	Telltale Assembly Supply Voltage
B	0.35 OG	2371	Left Amber Indicator Control
C	0.35 D-BU	2372	Center Amber Indicator Control
D	0.35 GY	2373	Red Indicator Control

Rear Window Defogger X1



Connector Part Information

- OEM: 12064750
- Service: See Catalog
- Description: 2-Way M Metri-Pack 480 Series (BK)

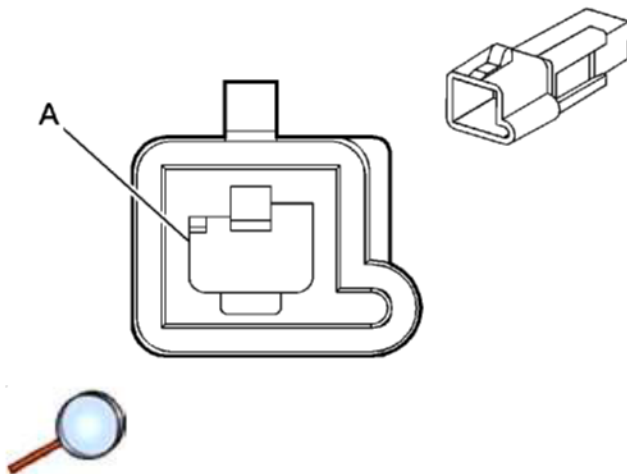
Terminal Part Information

- Terminal/Tray: 12033820/2
- Core/Insulation Crimp: B/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

Rear Window Defogger X1

Pin	Wire	Circuit	Function
A	5 PU	293	Rear Defog Element Supply Voltage
B	5 BK	1950	Amplifier Present Signal

Rear Window Defogger X2



Connector Part Information

- OEM: 12065652
- Service: See Catalog
- Description: 1-Way M Metri-Pack 480 Series (BK)

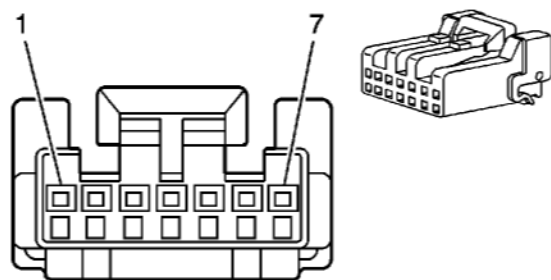
Terminal Part Information

- Terminal/Tray: 12033820/2
- Core/Insulation Crimp: B/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

Rear Window Defogger X2

Pin	Wire	Circuit	Function
A	5 BK	1050	Ground

Recirculation Actuator



Connector Part Information

- OEM: IL-AG5-7S-s3C1
- Service: See Catalog
- Description: 7-Way F IL-AG5 Series (GN)

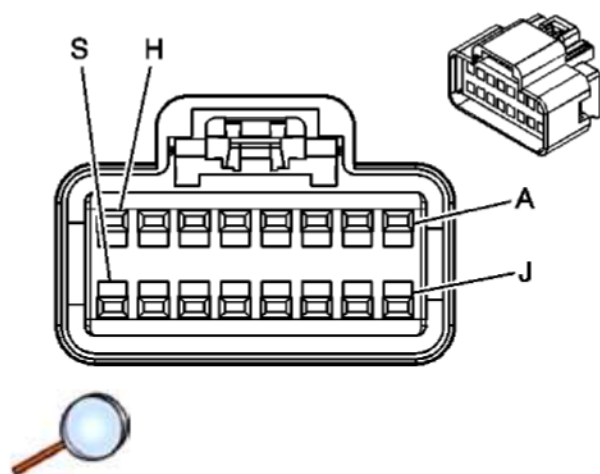
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Recirculation Actuator

Pin	Wire	Circuit	Function
1	0.35 YE	61	Low Reference
2	--	--	Not Used
3	0.35 GY	605	5-Volt Reference 3
4	--	--	Not Used
5	0.35 PU	1838	Recirculation Door Position Signal
6	0.35 BN	2274	Recirculation Door Control Circuit
7	0.35 D-GN	1614	Recirculation Door Control

Remote Control Door Lock Receiver (RCDLR) X1 (UHA/UHF)



Connector Part Information

- OEM: 15332177
- Service: See Catalog
- Description: 16-Way F GT 150 Series (BK)

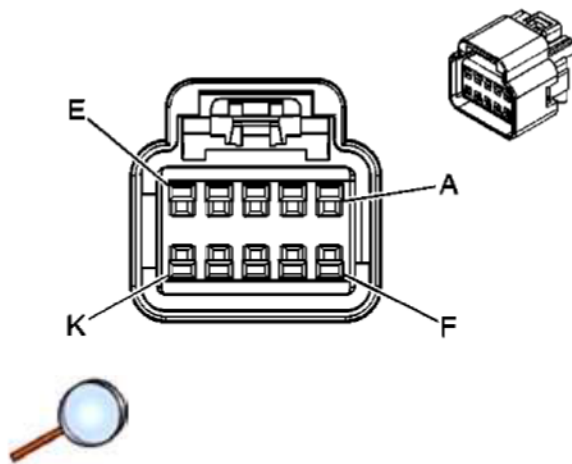
Terminal Part Information

- Pins: A, B, C, G, H, L, N, P, R, S
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Remote Control Door Lock Receiver (RCDLR) X1 (UHA / UHF)

Pin	Wire	Circuit	Function
A	.35 GY	6158	Right Rear Door Handle Switch
B	.35 BN	6157	Left Rear Door Handle Switch
C	0.35 PU/WH	5905	Key Capture/Column Lock Shift Position Signal
D-F	--	--	Not Used
G	0.35 L-GN	80	Key In Ignition Switch Signal
H	0.35 RD/WH	3440	Battery Positive Voltage
J-K	--	--	Not Used
L	0.35 D-GN	5060	Low Speed GMLAN Serial Data
M	--	--	Not Used
N	0.35 PK	5879	Right Front Door Handle Switch Signal
P	0.35 L-BU	383	Trunk Release Control
R	0.35 D-BU	5882	Left Front Door Handle Switch Signal
S	0.35 BK/WH	1051	Ground

Remote Control Door Lock Receiver (RCDLR) X2 (UHA / UHF)



Connector Part Information

- OEM: 15332153
- Service: 88986440
- Description: 10-Way F GT 150 Series (BK)

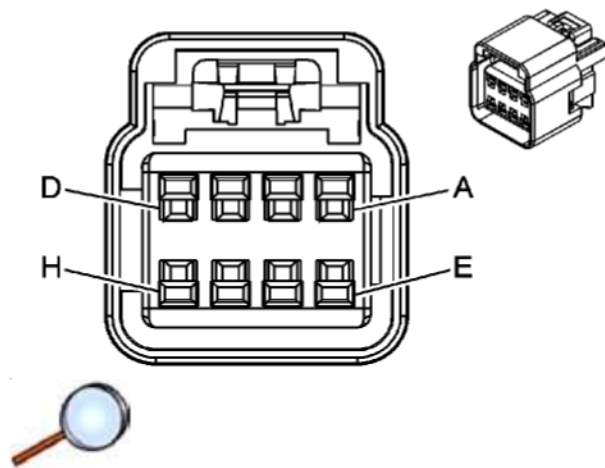
Terminal Part Information

- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Remote Control Door Lock Receiver (RCDLR) X2 (UHA / UHF)

Pin	Wire	Circuit	Function
A	0.35 PU/WH	5715	Keyless Entry Active Antenna Supply Voltage
B	0.35 GY	5717	Keyless Entry Active Antenna Data Signal
C	0.35 L-BU	5716	Keyless Entry Active Antenna Clock Signal
D	0.35 PU	218	Keyless Entry/Tire Pressure Antenna Signal
E	0.35 OG/BK	5712	Keyless Entry Antenna Low Reference
F	0.35 OG/BK	5718	Keyless Entry Active Antenna Low Reference
G-H	--	--	Not Used
J	0.35 TN	219	Keyless Entry Antenna Low Reference
K	0.35 OG	5708	Keyless Entry Antenna Signal

Remote Control Door Lock Receiver (RCDLR) X3 (UHA / UHF)



Connector Part Information

- OEM: 15332145
- Service: See Catalog
- Description: 8-Way F GT 150 Series (BK)

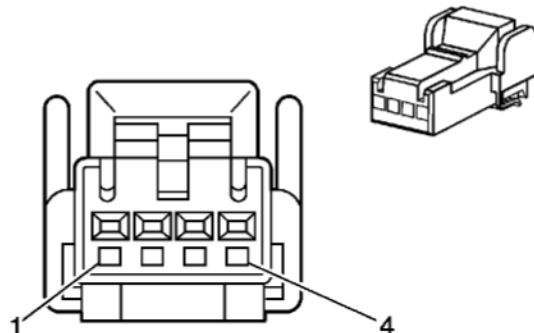
Terminal Part Information

- Pins: A, F, G, H
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Remote Control Door Lock Receiver (RCDLR) X3 (UHA / UHF)

Pin	Wire	Circuit	Function
A	0.35 YE	5710	Keyless Entry Antenna Signal
B-E	--	--	Not Used
F	0.35 YE/BK	5714	Keyless Entry Antenna Low Reference
G	0.35 PK	5709	Keyless Entry Antenna Signal
H	0.35 PK/BK	5713	Keyless Entry Antenna Low Reference

Remote Control Door Lock Receiver (RCDLR) (without UHA / UHF / UH3)





Connector Part Information

- OEM: 15462684
- Service: 88988745
- Description: 4-Way F ILAG5 Series (GN)

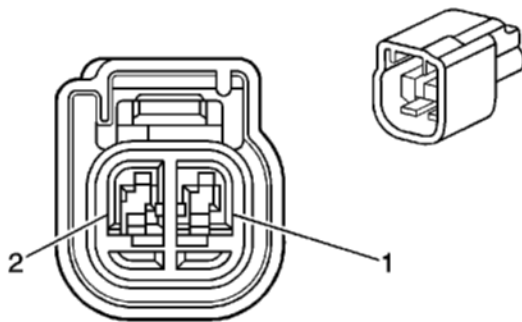
Terminal Part Information

- Pins: 1, 2, 4
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Remote Control Door Lock Receiver (RCDLR) (without UHA/UHF/UH3)

Pin	Wire	Circuit	Function
1	0.35 OG	3440	Battery Positive Voltage
2	0.35 D-GN	5060	Low Speed GMLAN Serial Data
3	--	--	Not Used
4	0.35 BK	1051	Ground

Repeater Lamp - Left Front (T90)



Connector Part Information

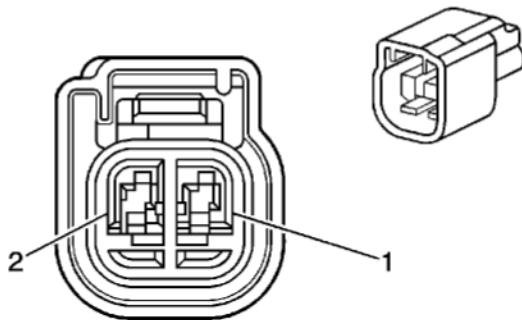
- OEM: E-5229
- Service: See Catalog
- Description: 2-Way F Sleeve Assembly (GY)

Terminal Part Information

- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Repeater Lamp - Left Front (T90)

Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage
2	0.5 BK	150	Ground

Repeater Lamp - Right Front (T90)**Connector Part Information**

- OEM: E-5229
- Service: See Catalog
- Description: 2-Way F Sleeve Assembly (GY)

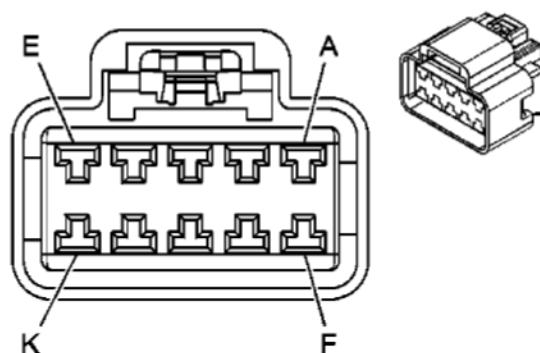
Terminal Part Information

- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Repeater Lamp - Right Front (T90)

Pin	Wire	Circuit	Function
1	0.5 D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
2	0.5 BK	250	Ground

Seat Adjuster Switch - Driver



Connector Part Information

- OEM: 15326931
- Service: See Catalog
- Description: 10-Way F (BK)

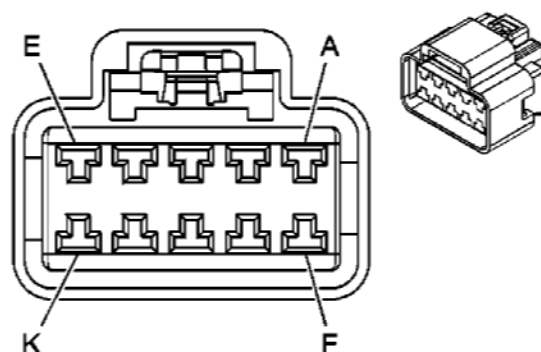
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Adjuster Switch - Driver

Pin	Wire	Circuit	Function
A	3 D-GN	286	Driver Seat Front Vertical Motor Up Control (without A45)
	0.35 D-GN	1518	Power Seat Front Vertical Up Switch Signal (A45)
B	3 BK	350	Ground (without A45)
C	3 L-GN	284	Driver Seat Horizontal Motor Rearward Control (without A45)
	0.35 L-GN	1523	Power Seat Horizontal Rearward Switch Signal (A45)
D	3 TN	285	Driver Seat Horizontal Motor Forward Control (without A45)
	0.35 TN	1522	Power Seat Horizontal Forward Switch Signal (A45)
E	0.35 OG	3840	Battery Positive Voltage (without A45)
	0.35 PU/WH	6205	Driver Position Switch High Reference (A45)
F	3 YE	282	Driver Seat Rear Vertical Motor Up Control (without A45)
	0.35 YE	1519	Power Seat Rear Vertical Up Switch Signal (A45)
G	3 L-GN	276	Driver Seat Recline Motor Forward Control (without A45)
	0.35 D-GN/WH	1270	Power Seat Recline Rearward Switch Signal (A45)
H	3 L-BU	277	Recline Motor Rearward Control (without A45)
	0.35 GY/BK	1269	Power Seat Recline Forward Switch Signal (A45)
J	3 L-BU/BK	283	Driver Seat Rear Vertical Motor Down Control (without A45)
	0.35 L-BU	1521	Power Seat Rear Vertical Down Switch Signal (A45)
K	3 D-BU	287	Driver Seat Front Vertical Motor Down Control (without A45)
	0.35 D-BU	1520	Power Seat Front Vertical Down Switch Signal (A45)

Seat Adjuster Switch - Passenger (AH8)



Connector Part Information

- OEM: 15326931
- Service: See Catalog
- Description: 10-Way F (BK)

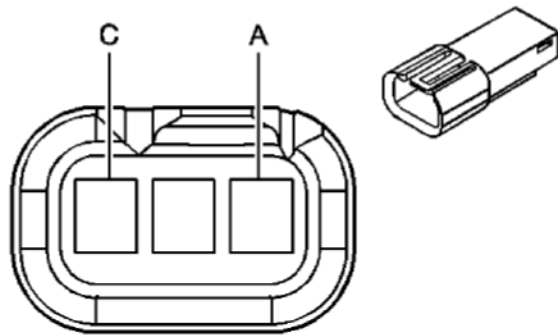
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Adjuster Switch - Passenger (AH8)

Pin	Wire	Circuit	Function
A	3 D-BU	287	Driver Seat Front Vertical Motor Down Control
B	3 BK	450	Ground
C	3 L-GN	284	Driver Seat Horizontal Motor Rearward Control
D	3 TN	285	Driver Seat Horizontal Motor Forward Control
E	3 RD/WH	3940	Battery Positive Voltage
F	3 L-BU/BK	283	Driver Seat Rear Vertical Motor Down Control
G	3 L-GN	276	Recline Motor Forward Control
H	3 L-BU	277	Driver Seat Recline Motor Rearward Control
J	3 YE	282	Driver Seat Rear Vertical Motor Up Control
K	3 D-GN	286	Driver Seat Front Vertical Motor Up Control

Seat Back Ventilation Heating and Cooling Module - Driver (KB6)



Connector Part Information

- OEM: 12065423
- Service: See Catalog
- Description: 3-Way F (NA)

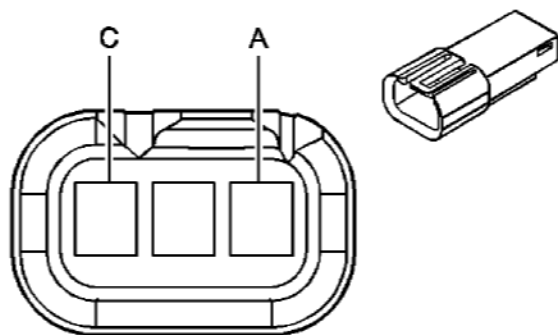
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Back Ventilation Heating and Cooling Module - Driver (KB6)

Pin	Wire	Circuit	Function
A	0.35 OG	5919	Driver Seat Blower Speed Control
B	0.35 BK	350	Ground
C	0.35 PK	539	Ignition 1 Voltage

Seat Back Ventilation Heating and Cooling Module - Passenger (KB6)



Connector Part Information

- OEM: 12065423
- Service: See Catalog
- Description: 3-Way F (NA)

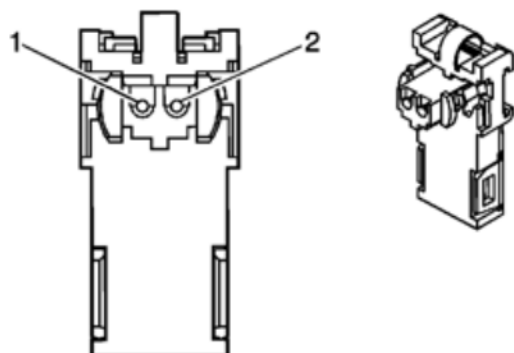
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Back Ventilation Heating and Cooling Module - Passenger (KB6)

Pin	Wire	Circuit	Function
A	0.35 D-BU	5915	Passenger Seat Blower Speed Control
B	0.35 BK	450	Ground
C	0.35 PK	539	Ignition 1 Voltage

Seat Belt Pretensioner - Driver



Connector Part Information

- OEM: 1376030-1
- Service: 88988308
- Description: 2-Way F Squib Unsealed (YE)

Terminal Part Information

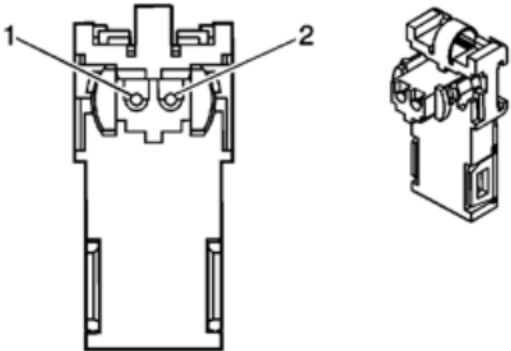
- Terminal/Tray: Service w/Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Belt Pretensioner - Driver

Pin	Wire	Circuit	Function
1	0.35 TN/WH	2118	Seat Belt Pretensioner - Left - High Control

2	0.35 OG/BK	2119	Seat Belt Pretensioner - Left - Low Control
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Seat Belt Pretensioner - Passenger



Connector Part Information

- OEM: 1376030-1
- Service: 88988308
- Description: 2-Way F Squib Unsealed (YE)

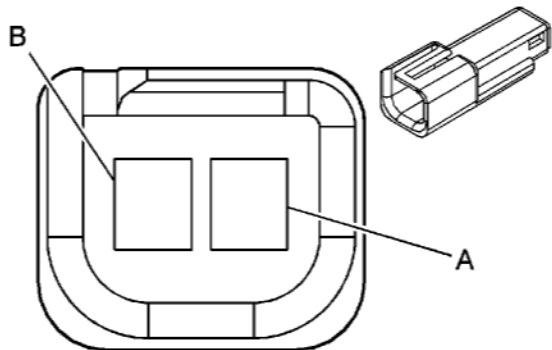
Terminal Part Information

- Terminal/Tray: Service w/Pigtail
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Belt Pretensioner - Passenger

Pin	Wire	Circuit	Function
1	0.35 L-GN	2116	Seat Belt Pretensioner - Right - High Control
2	0.35 OG	2117	Seat Belt Pretensioner - Right - Low Control

Seat Belt Switch - Driver





Connector Part Information

- OEM: 12048457
- Service: See Catalog
- Description: 2-Way F (BK)

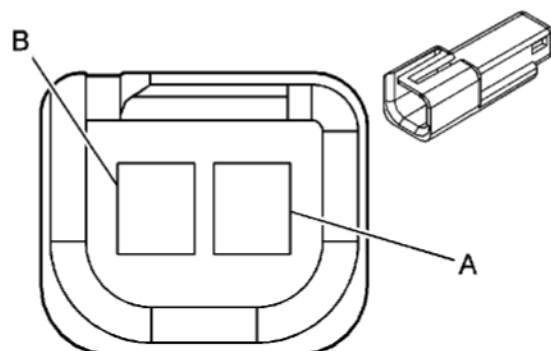
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Belt Switch - Driver

Pin	Wire	Circuit	Function
A	0.35 PK	5057	Seat Position Sensor - Low Reference
B	0.35 D-GN	5016	Seat Belt Switch - Left - Signal

Seat Belt Switch - Passenger



Connector Part Information

- OEM: 12048457
- Service: See Catalog
- Description: 2-Way F (BK)

Terminal Part Information

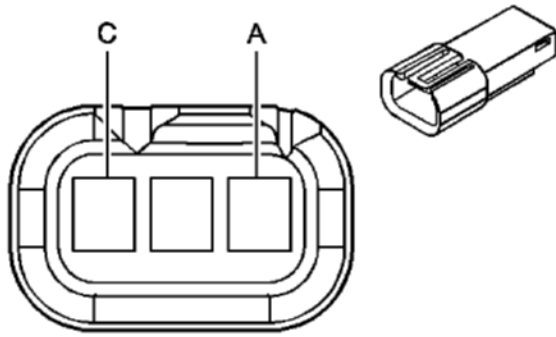
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Belt Switch - Passenger

Pin	Wire	Circuit	Function

A	0.35 RD	1362	Seat Belt Switch - Right - Signal
B	0.35 PK	5057	Seat Position Sensor - Low Reference

Seat Cushion Ventilation Heating and Cooling Module - Driver (KB6)



Connector Part Information

- OEM: 12065423
- Service: See Catalog
- Description: 3-Way F (NA)

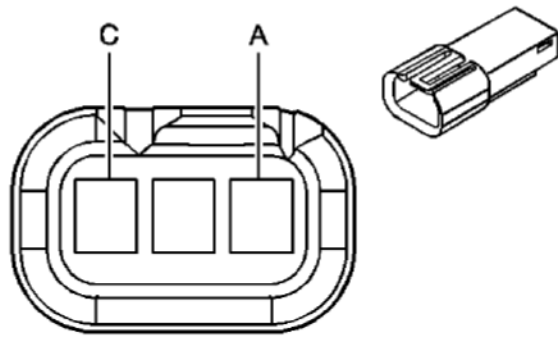
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Cushion Ventilation Heating and Cooling Module - Driver (KB6)

Pin	Wire	Circuit	Function
A	0.35 OG	5919	Driver Seat Blower Speed Control
B	0.35 BK	450	Ground
C	0.35 PK	539	Ignition 1 Voltage

Seat Cushion Ventilation Heating and Cooling Module - Passenger (KB6)



Connector Part Information

- OEM: 12065423
- Service: See Catalog
- Description: 3-Way F (NA)

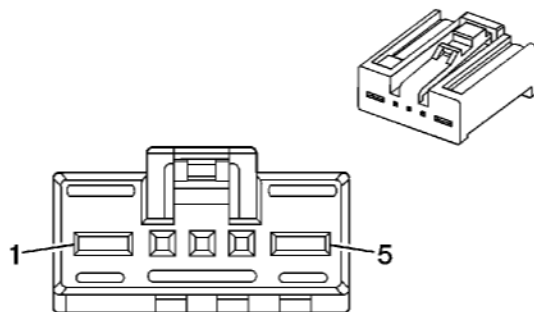
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Cushion Ventilation Heating and Cooling Module - Passenger (KB6)

Pin	Wire	Circuit	Function
A	0.35 D-BU	5915	Passenger Seat Blower Speed Control
B	0.35 BK	350	Ground
C	0.35 PK	539	Ignition 1 Voltage

Seat Front Vertical Motor - Driver (without A45)



Connector Part Information

- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

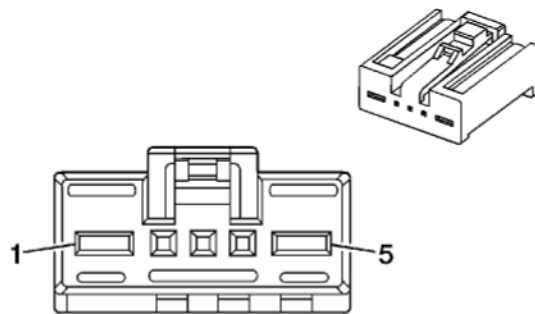
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Front Vertical Motor - Driver (without A45)

Pin	Wire	Circuit	Function
1	3 D-GN	286	Driver Seat Front Vertical Motor Up Control
2-4	--	--	Not Used
5	3 D-BU	287	Driver Seat Front Vertical Motor Down Control

Seat Front Vertical Motor - Driver (A45) X1



Connector Part Information

- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

Terminal Part Information

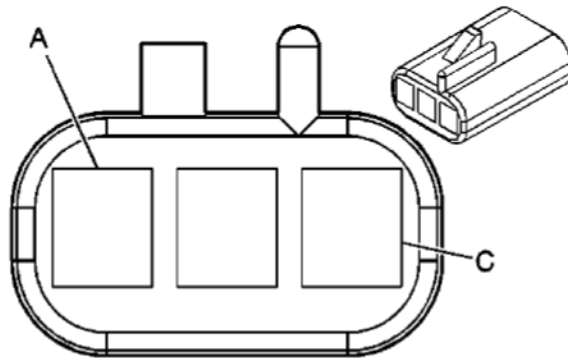
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Front Vertical Motor - Driver (A45) X1

Pin	Wire	Circuit	Function
1	3 D-GN	286	Driver Seat Front Vertical Motor Up Control

2-4	--	--	Not Used
5	3 D-BU	287	Driver Seat Front Vertical Motor Down Control

Seat Front Vertical Motor - Driver (A45) X2



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

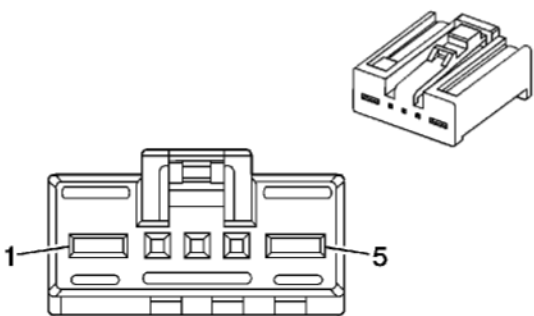
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Front Vertical Motor - Driver (A45) X2

Pin	Wire	Circuit	Function
A	0.35 TN	6207	Memory Sensor High Reference
B	0.35 BN/WH	557	Front Vertical Seat Motor Position Sensor Signal
C	0.35 GY	6206	Memory Sensor Low Reference

Seat Front Vertical Motor - Passenger (AH8)



Connector Part Information

- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

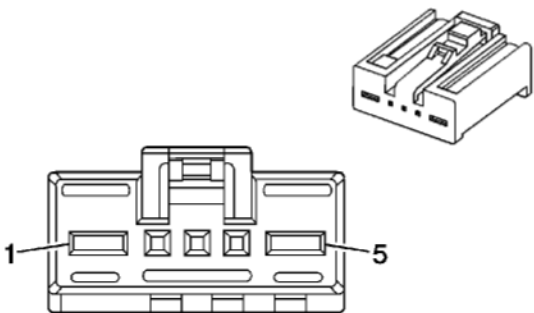
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Front Vertical Motor - Passenger (AH8)

Pin	Wire	Circuit	Function
1	3 D-GN	286	Driver Seat Front Vertical Motor Up Control
2-4	--	--	Not Used
5	3 D-BU	287	Driver Seat Front Vertical Motor Down Control

Seat Horizontal Motor - Driver (without A45)



Connector Part Information

- OEM: 1438992-5
- Service: See Catalog
- Description: 5-Way F (BK)

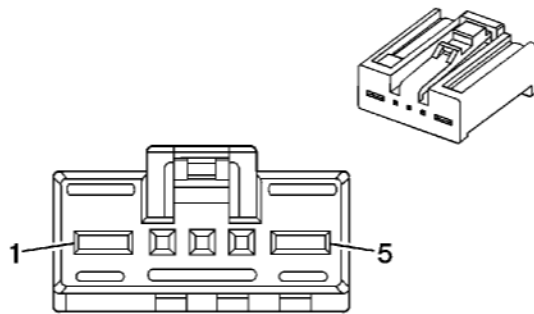
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Horizontal Motor - Driver (without A45)

Pin	Wire	Circuit	Function
1	3 TN	285	Driver Seat Horizontal Motor Forward Control
2-4	--	--	Not Used
5	3 L-GN	284	Driver Seat Horizontal Motor Rearward Control

Seat Horizontal Motor - Driver (A45) X1



Connector Part Information

- OEM: 1438992-5
- Service: See Catalog
- Description: 5-Way F (BU)

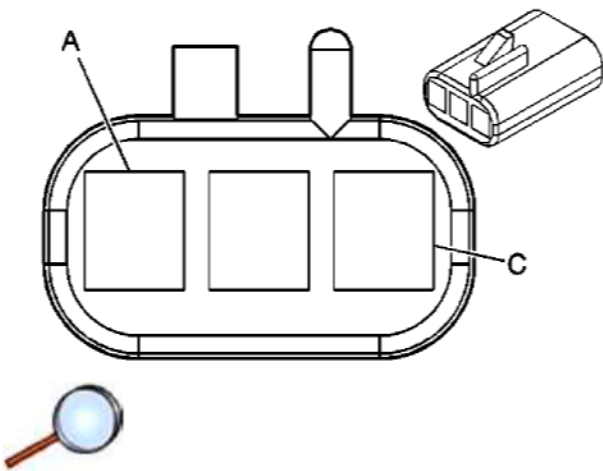
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Horizontal Motor - Driver (A45) X1

Pin	Wire	Circuit	Function
1	1 TN	285	Driver Seat Horizontal Motor Forward Control
2-4	--	--	Not Used
5	1 L-GN	284	Driver Seat Horizontal Motor Rearward Control

Seat Horizontal Motor - Driver (A45) X2



Connector Part Information

- OEM: 12047781
- Service: See Catalog
- Description: 3-Way F (BK)

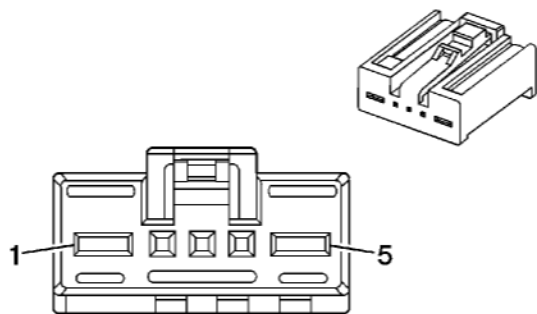
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Horizontal Motor - Driver (A45) X2

Pin	Wire	Circuit	Function
A	0.35 TN	6207	Memory Sensor High Reference
B	0.35 D-GN	569	Horizontal Seat Motor Position Sensor Signal
C	0.35 GY	6206	Memory Sensor Low Reference

Seat Horizontal Motor - Passenger (AH8 / AL2)





Connector Part Information

- OEM: 1438992-5
- Service: See Catalog
- Description: 5-Way F (BU)

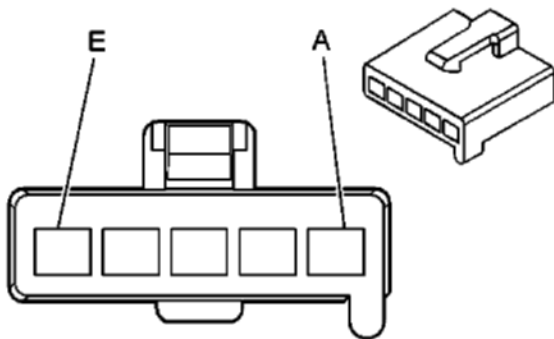
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Horizontal Motor - Passenger (AH8 / AL2)

Pin	Wire	Circuit	Function
1	3 TN	285	Driver Seat Horizontal Motor Forward Control
2-4	--	--	Not Used
5	3 L-GN	284	Driver Seat Horizontal Motor Rearward Control

Seat Lumbar Adjuster Switch - Driver (AL2)



Connector Part Information

- OEM: 12041429
- Service: See Catalog
- Description: 5-Way F (BK)

Terminal Part Information

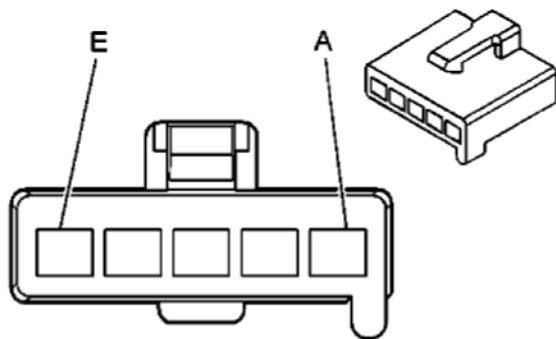
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Lumbar Adjuster Switch - Driver (AL2)

--	--	--	--	--

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.35 YE	1065	Driver Seat Lumbar Forward Switch Signal
C	--	--	Not Used
D	0.35 PU/WH	6205	Driver Position Switch High Reference
E	0.35 D-BU	1064	Driver Seat Lumbar Rearward Switch Signal

Seat Lumbar Adjuster Switch - Passenger (AL2)



Connector Part Information

- OEM: 12041429
- Service: See Catalog
- Description: 5-Way F (BK)

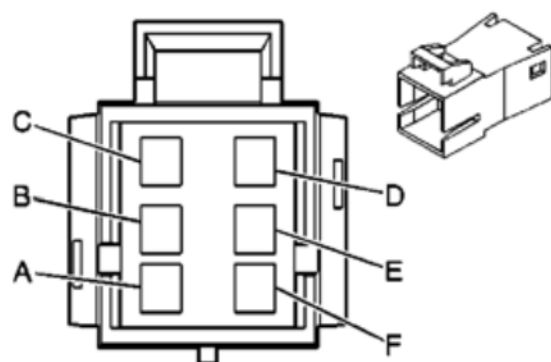
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Lumbar Adjuster Switch - Passenger (AL2)

Pin	Wire	Circuit	Function
A	3 BK	450	Ground
B	3 D-BU	211	Passenger Seat Lumbar Motor Forward Control
C	3 BK	450	Ground
D	3 RD/WH	3940	Battery Positive Voltage
E	3 WH	210	Passenger Seat Lumbar Motor Rearward Control

Seat Lumbar Horizontal Motor - Driver (AL2)



Connector Part Information

- OEM: 12064754
- Service: See Catalog
- Description: 6-Way F (BK)

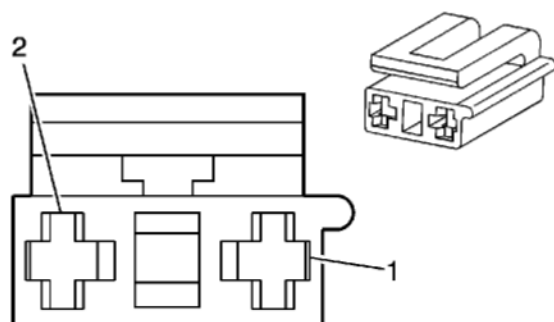
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Lumbar Horizontal Motor - Driver (AL2)

Pin	Wire	Circuit	Function
A	1 D-BU	611	Driver Seat Lumbar Motor Forward Control
B	1 PK	610	Driver Seat Lumbar Motor Rearward Control
C	0.35 GY	6206	Memory Sensor Low Reference
D	0.35 TN	6207	Memory Sensor High Reference
E	0.35 YE	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
F	--	--	Not Used

Seat Lumbar Horizontal Motor - Passenger (AL2)





Connector Part Information

- OEM: 3-1437843-9
- Service: See Catalog
- Description: 2-Way F (BK)

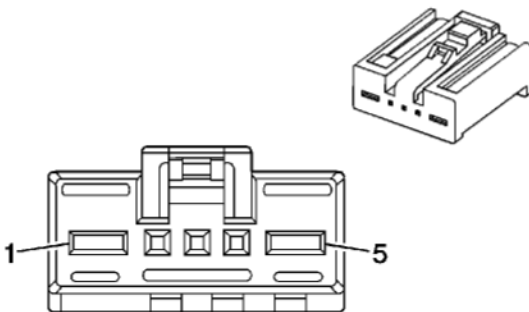
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Lumbar Horizontal Motor - Passenger (AL2)

Pin	Wire	Circuit	Function
1	3 D-BU	211	Passenger Seat Lumbar Motor Forward Control
2	3 WH	210	Passenger Seat Lumbar Motor Rearward Control

Seat Rear Vertical Motor - Driver (without A45)



Connector Part Information

- OEM: 1438992-4
- Service: See Catalog
- Description: 5-Way F (BK)

Terminal Part Information

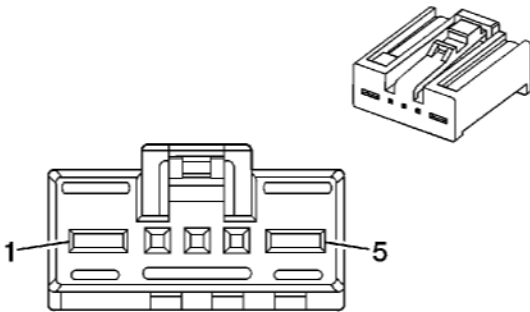
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Rear Vertical Motor - Driver (without A45)

Pin	Wire	Circuit	Function

1	3 YE	282	Driver Seat Rear Vertical Motor Up Control
2-4	--	--	Not Used
5	3 L-BU	283	Driver Seat Rear Vertical Motor Down Control

Seat Rear Vertical Motor - Driver (A45) X1



Connector Part Information

- OEM: 1438992-4
- Service: See Catalog
- Description: 5-Way F (WH)

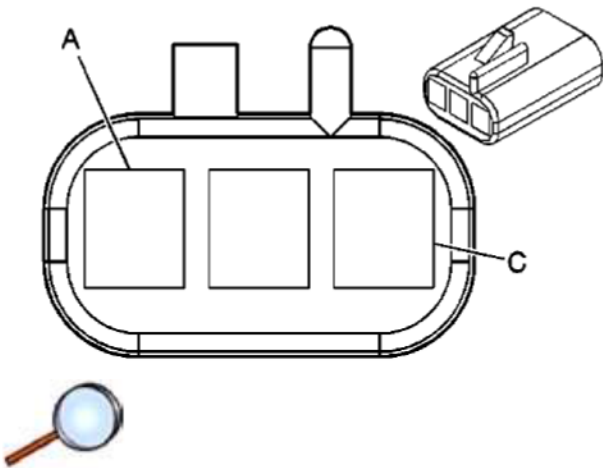
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Rear Vertical Motor - Driver (A45) X1

Pin	Wire	Circuit	Function
1	1 L-BU/BK	283	Driver Seat Rear Vertical Motor Down Control
2-4	--	--	Not Used
5	1 YE	282	Driver Seat Rear Vertical Motor Up Control

Seat Rear Vertical Motor - Driver (A45) X2



Connector Part Information

- OEM: 12065422
- Service: See Catalog
- Description: 3-Way F (NA)

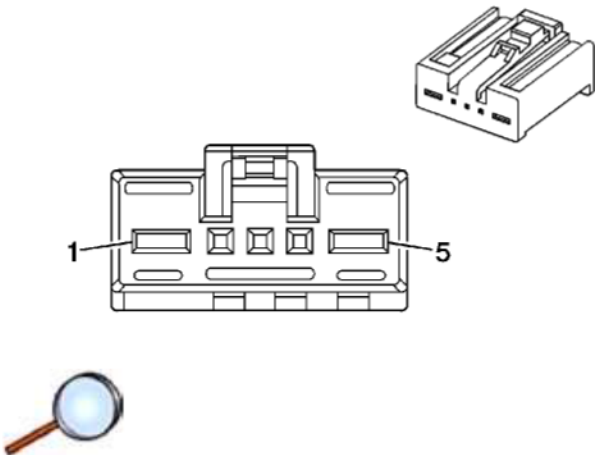
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Rear Vertical Motor - Driver (A45) X2

Pin	Wire	Circuit	Function
A	0.35 GY	6206	Memory Sensor Low Reference
B	0.35 TN/BK	568	Rear Vertical Seat Motor Position Sensor Signal
C	0.35 TN	6207	Memory Sensor High Reference

Seat Rear Vertical Motor - Passenger (AH8)



Connector Part Information

- OEM: 1438992-4
- Service: See Catalog
- Description: 5-Way F (WH)

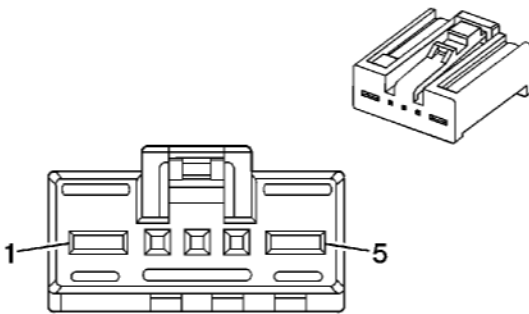
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Rear Vertical Motor - Passenger (AH8)

Pin	Wire	Circuit	Function
1	3 YE	282	Driver Seat Rear Vertical Motor Up Control
2-4	--	--	Not Used
5	3 L-BU/BK	283	Driver Seat Rear Vertical Motor Down Control

Seat Recline Motor - Driver (without A45)



Connector Part Information

- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

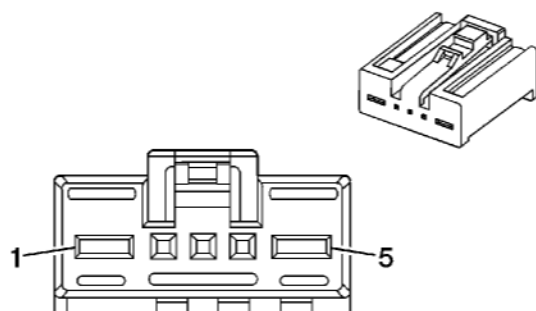
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Recline Motor - Driver (without A45)

Pin	Wire	Circuit	Function
1	3 L-BU	277	Driver Seat Recline Motor Rearward Control
2-4	--	--	Not Used
5	3 L-GN	276	Driver Seat Recline Motor Forward Control

Seat Recline Motor - Driver (A45) X1



Connector Part Information

- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

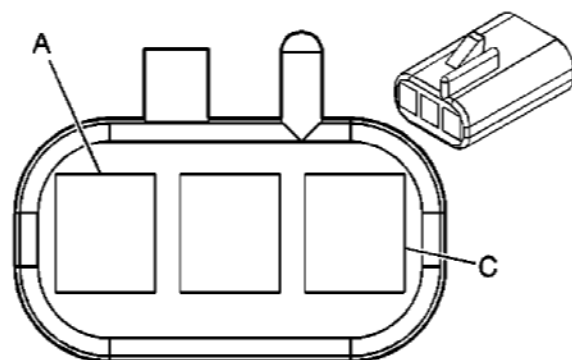
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Recline Motor - Driver (A45) X1

Pin	Wire	Circuit	Function
1	1 L-BU	277	Driver Seat Recline Motor Rearward Control
2-4	--	--	Not Used
5	1 L-GN	276	Driver Seat Recline Motor Forward Control

Seat Recline Motor - Driver (A45) X2





- OEM: 12065422
- Service: See Catalog
- Description: 3-Way F (BK)

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Pin	Wire	Circuit	Function
A	0.35 GY	6206	Memory Sensor Low Reference
B	0.35 WH/BK	570	Driver Seat Recline Motor Position Sensor Signal
C	0.35 TN	6207	Memory Sensor High Reference



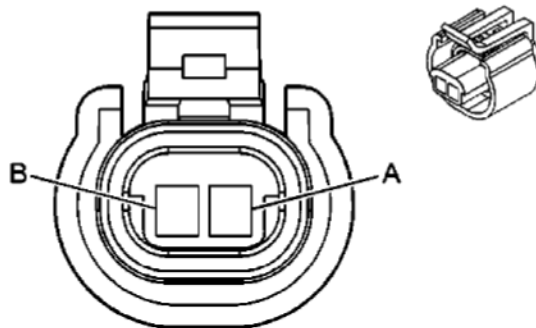
- OEM: 1438992-1
- Service: See Catalog
- Description: 5-Way F (BK)

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Seat Allocation Method: Passenger (AIRS)			

Pin	Wire	Circuit	Function
1	3 L-BU	277	Driver Seat Recline Motor Rearward Control
2-4	--	--	Not Used
5	3 L-GN	276	Driver Seat Recline Motor Forward Control

Shock Absorber Actuator - Left Front (F55)



Connector Part Information

- OEM: 15355009
- Service: 15306332
- Description: 2-Way F 150.2 Series Sealed, Pull To Seat (BK)

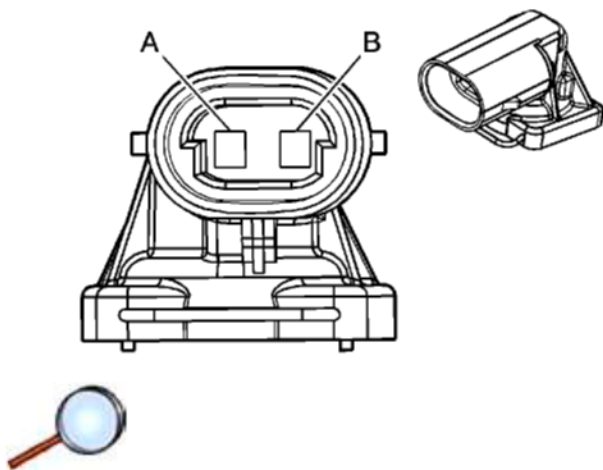
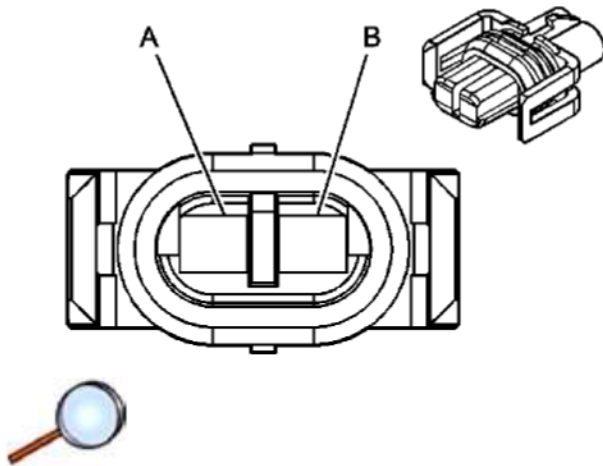
Terminal Part Information

- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-2A (GY)

Shock Absorber Actuator - Left Front (F55)

Pin	Wire	Circuit	Function
A	0.8 RD/BK	1448	Left Front Damper Control
B	0.8 L-GN	1005	Left Front Damper Low Reference

Shock Absorber Actuator - Left Rear (F55)



Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

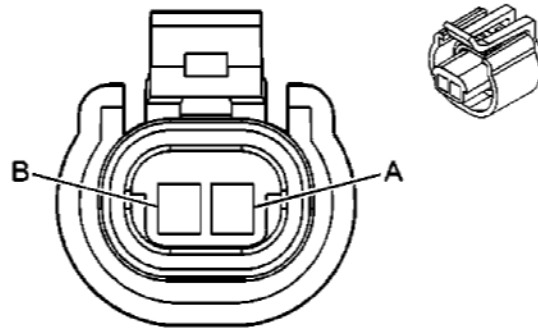
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

Shock Absorber Actuator - Left Rear (F55)

Pin	Wire	Circuit	Function
A	0.8 OG	1010	Left Rear Damper Control
B	0.8 OG/BK	1013	Left Rear Damper Low Reference

Shock Absorber Actuator - Right Front (F55)



Connector Part Information

- OEM: 15355009
- Service: 15306332
- Description: 2-Way F 150.2 Series Sealed, Pull To Seat (BK)

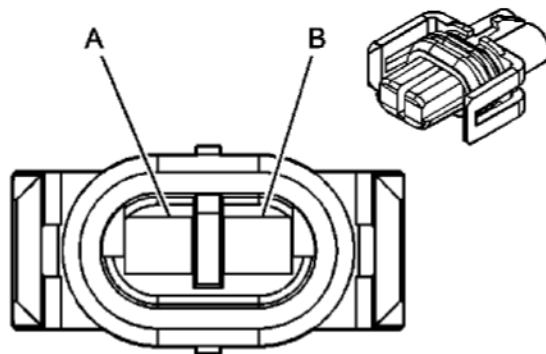
Terminal Part Information

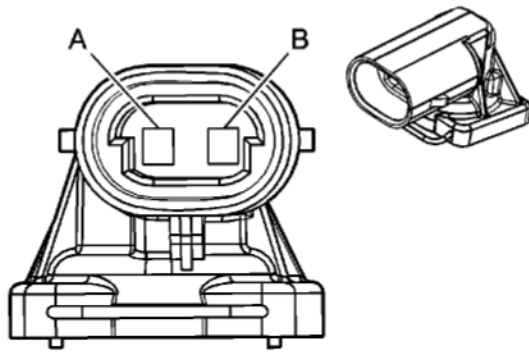
- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-2A (GY)

Shock Absorber Actuator - Right Front (F55)

Pin	Wire	Circuit	Function
A	0.8 WH/BK	1006	Right Front Damper Control
B	0.8 BN	1009	Right Front Damper Low Reference

Shock Absorber Actuator - Right Rear (F55)





Connector Part Information

- OEM: 15305168
- Service: 12167117
- Description: 2-Way F Metri-Pack 150 Series (GY)
- Suspension Damper Adapter
- OEM: 15359261
- Service: 88953232
- Description: 2-Way M Metri-Pack 150 Series (GY)

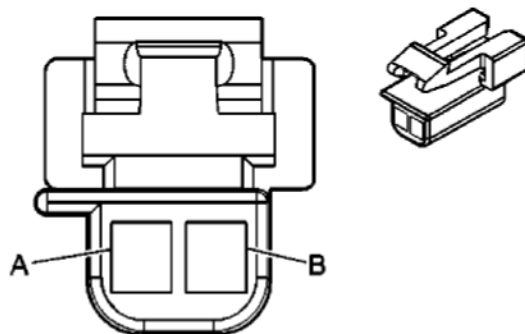
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

Shock Absorber Actuator - Right Rear (F55)

Pin	Wire	Circuit	Function
A	0.8 YE	1014	Right Rear Damper Control
B	0.8 PK	1017	Right Rear Damper Low Reference

Speaker - Center I / P





Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BU)

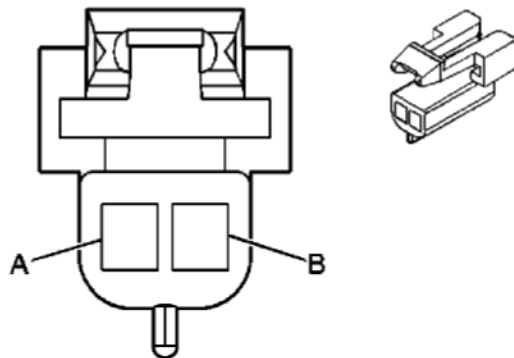
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Center I / P

Pin	Wire	Circuit	Function
A	0.5 L-BU	1960	Front Center Speaker Output (-)
B	0.5 YE	1860	Front Center Speaker Output (+)

Speaker - Left Front (UQA)



Connector Part Information

- OEM: 12052832
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BK)

Terminal Part Information

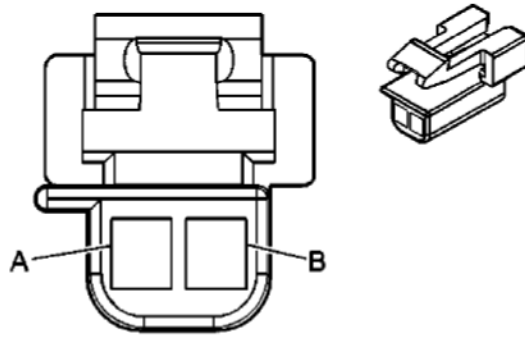
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Left Front (UQA)

Pin	Wire	Circuit	Function

A	0.5 GY	118	Left Front Speaker Output (-)
B	0.5 TN	201	Left Front Speaker Output (+)

Speaker - Left Front (UQS)



Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BU)

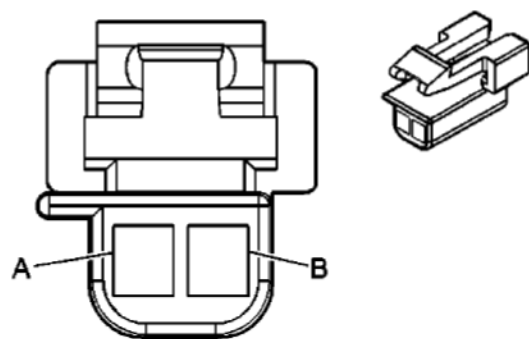
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Left Front (UQS)

Pin	Wire	Circuit	Function
A	0.5 YE	1956	Left Front Speaker Output (-)
B	0.5 TN	1856	Left Front Speaker Output (+)

Speaker - Left Front Door



Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F (BU)

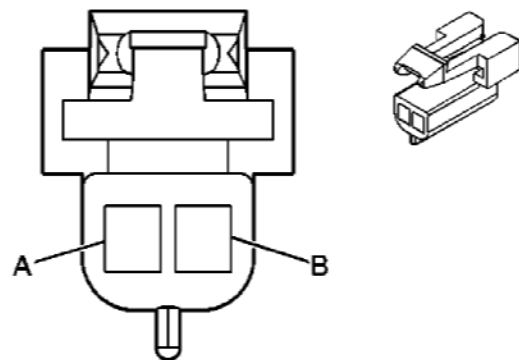
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Speaker - Left Front Door

Pin	Wire	Circuit	Function
A	0.8 GY	118	Left Front Speaker Output (-)
B	0.8 TN	201	Left Front Speaker Output (+)

Speaker - Left Rear



Connector Part Information

- OEM: 12052832

- Service: See Catalog
- Description: 2-Way F (BK)

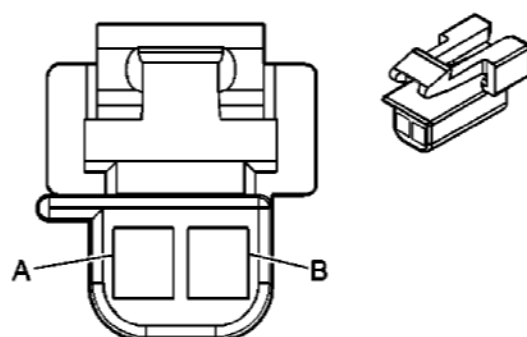
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Speaker - Left Rear

Pin	Wire	Circuit	Function
A	0.5 YE	116	Left Rear Speaker Output (-)
B	0.5 BN	199	Left Rear Speaker Output (+)

Speaker - Left Rear Compartment (UQS)



Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BU)

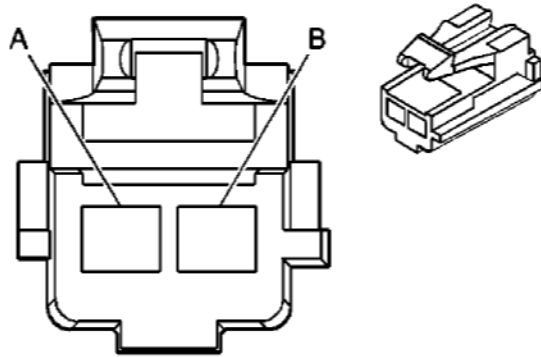
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Left Rear Compartment (UQS)

Pin	Wire	Circuit	Function
A	0.5 WH	1959	Left Rear Midrange Speaker Output (-)
B	0.5 TN	1859	Left Rear Midrange Speaker Output (+)

Speaker - Rear Subwoofer (UQA)



Connector Part Information

- OEM: 12129081
- Service: See Catalog
- Description: 2-Way F Metri-Pack 280 Series, Flexlock (BK)

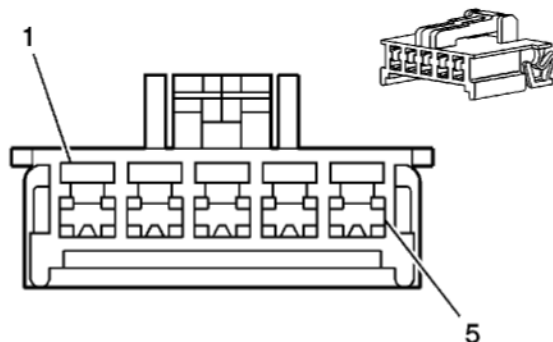
Terminal Part Information

- Terminal/Tray: 12110842/4
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Speaker - Rear Subwoofer (UQA)

Pin	Wire	Circuit	Function
A	2 D-BU/WH	346	Rear Subwoofer Speaker Output (+)
B	2 L-GN/BK	1794	Rear Subwoofer Speaker Output (-)

Speaker - Rear Subwoofer (UQS)



Connector Part Information

- OEM: 6098-2180
- Service: See Catalog
- Description: 5-Way F 090 Series (BK)

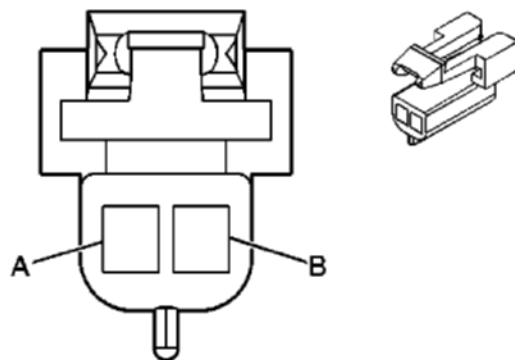
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Speaker - Rear Subwoofer (UQS)

Pin	Wire	Circuit	Function
1	1 RD/WH	4440	Battery Positive Voltage
2	1 BK	850	Ground
3	0.35 OG	5748	Radio Audio Mute Signal
4	0.5 L-GN/BK	1794	Rear Subwoofer Speaker Output (-)
5	0.5 D-BU/WH	346	Rear Subwoofer Speaker Output (+)

Speaker - Right Front (UQA)



Connector Part Information

- OEM: 12052832
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BK)

Terminal Part Information

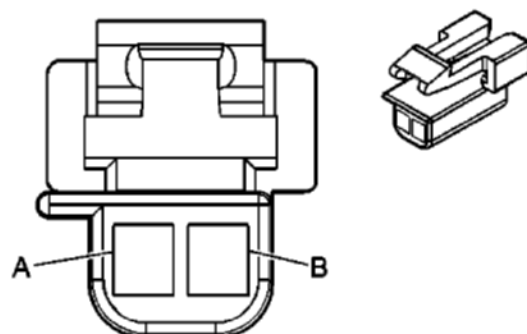
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Right Front (UQA)

Pin	Wire	Circuit	Function
A	0.5 D-GN	117	Right Front Speaker Output (-)

B	0.5 L-GN	200	Right Front Speaker Output (+)
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Speaker - Right Front (UQS)



Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BU)

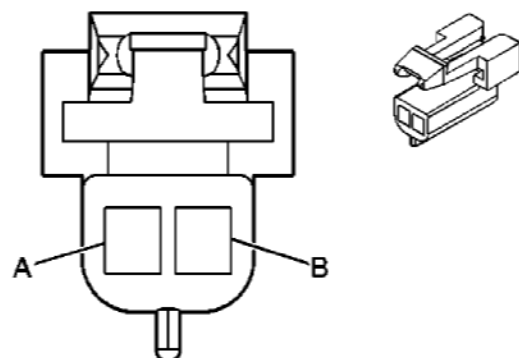
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Right Front (UQS)

Pin	Wire	Circuit	Function
A	0.5 PU	1952	Right Front Speaker Output (-)
B	0.5 L-GN	1852	Right Front Speaker Output (+)

Speaker - Right Front Door





Connector Part Information

- OEM: 12052832
- Service: See Catalog
- Description: 2-Way F (BK)

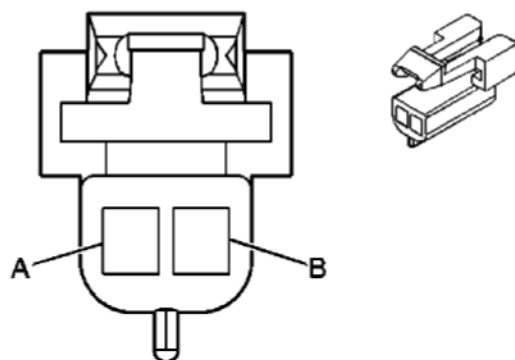
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Speaker - Right Front Door

Pin	Wire	Circuit	Function
A	1 D-GN	117	Right Front Speaker Output (-)
B	1 L-GN	200	Right Front Speaker Output (+)

Speaker - Right Rear



Connector Part Information

- OEM: 12052832
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BK)

Terminal Part Information

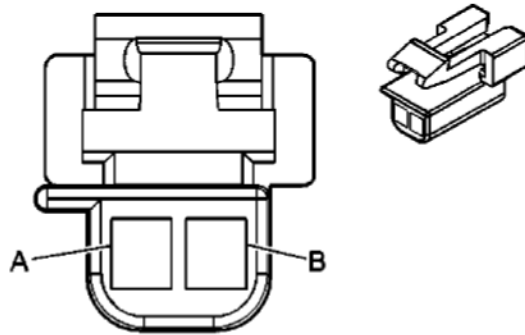
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Right Rear

Pin	Wire	Circuit	Function

A	0.5 L-BU	115	Right Rear Speaker Output (-)
B	0.5 D-BU	46	Right Rear Speaker Output (+)

Speaker - Right Rear Compartment (UQS)



Connector Part Information

- OEM: 12064869
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series (BU)

Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Speaker - Right Rear Compartment (UQS)

Pin	Wire	Circuit	Function
A	0.5 OG	1955	Right Rear Midrange Speaker Output (-)
B	0.5 TN	1855	Right Rear Midrange Speaker Output (+)

Starter Motor X1

Terminal Part Information

- Terminal: 12146365
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

Starter Motor X1

Pin	Wire	Circuit	Function
--	13 RD	6	Battery Positive Voltage

Starter Motor X2

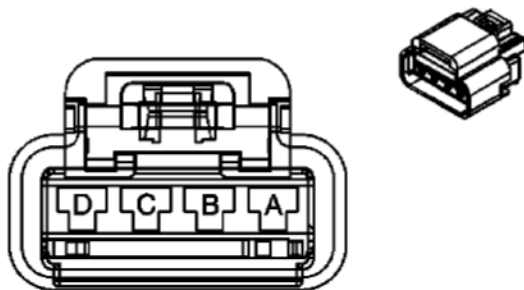
Terminal Part Information

- Terminal: 15317554
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

Starter Motor X2

Pin	Wire	Circuit	Function
--	13 PU	6	Starter Solenoid Crank Voltage

Steering Wheel/Column Tilt/Telescope Actuator X1 (A45 and N38)



Connector Part Information

- OEM: 15326886
- Service: See Catalog
- Description: 4-Way F GT 280 Series (BK)

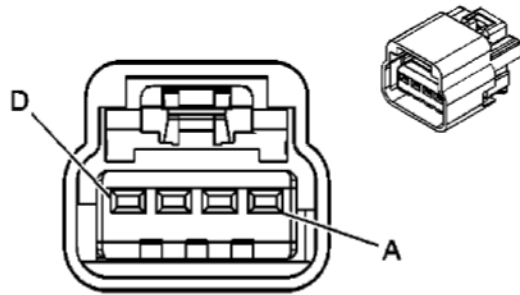
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel/Column Tilt/Telescope Actuator X1 (A45 and N38)

Pin	Wire	Circuit	Function
A	1 BK	2112	Steering Column Tilt Motor Control - Down
B	1 RD	2111	Steering Column Tilt Motor Control - Up
C	1 RD	2098	Steering Column Telescope Motor Forward
D	1 BK	2110	Steering Column Telescope Motor Control - Reverse

Steering Wheel/Column Tilt/Telescope Actuator X2 (A45 and N38)



Connector Part Information

- OEM: 15332135
- Service: See Catalog
- Description: 4-Way F GT 150 Series (BK)

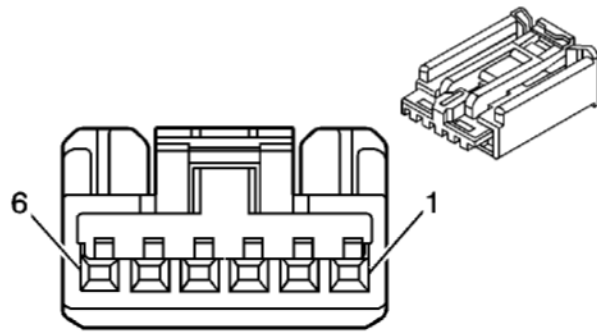
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel/Column Tilt/Telescope Actuator X2 (A45 and N38)

Pin	Wire	Circuit	Function
A	0.35 OG	2154	Steering Column Tilt Sensor Signal
B	0.35 GY	6206	Memory Sensor Low Reference
C	0.35 TN	6207	Memory Sensor High Reference
D	0.35 OG	2153	Steering Column Telescope Sensor Signal

Steering Wheel/Column Tilt/Telescope Switch (N38)



Connector Part Information

- OEM: AIT2PB-06-1AK
- Service: 19167753
- Description: 6-Way F AIT II Series (BK)

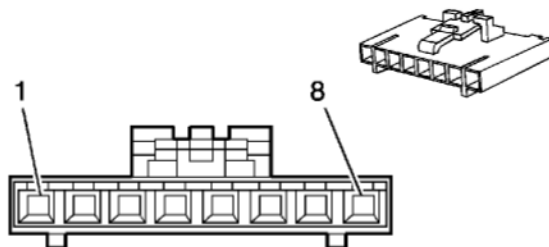
Terminal Part Information

- Pins: 1-3, 5, 6
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel/Column Tilt/ Telescope Switch (N38)

Pin	Wire	Circuit	Function
1	0.35 PU/WH	6205	Driver Position Switch High Reference
2	0.35 GY	2096	Steering Column Tilt and Telescope Up Switch Signal
3	0.35 PK	2094	Steering Column Tilt and Telescope Forward Switch Signal (A45)
4	--	--	Not Used
5	0.35 OG	2095	Steering Column Tilt and Telescope Reverse Switch Signal (A45)
6	0.35 YE	2097	Steering Column Tilt and Telescope Down Switch Signal

Steering Wheel Control Switch - Left





Connector Part Information

- OEM: 50-57-9408
- Service: See Catalog
- Description: 8-Way F (BK)

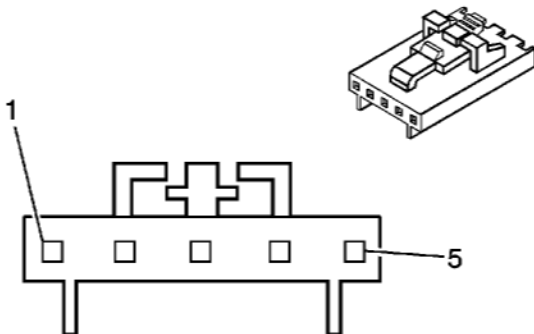
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel Control Switch - Left

Pin	Wire	Circuit	Function
1	0.35 PU	1375	Remote Radio Control Supply Voltage
2	0.35 GY	1884	Cruise Control Switch Signal
3	0.35 PU/WH	7005	LED Dimming Signal
4	0.35 BK	350	Ground
5	0.35 PU	1375	Remote Radio Control Supply Voltage
6	0.35 D-BU	1796	Steering Wheel Controls Signal
7	0.35 D-GN/WH	7158	Cruise Control Indicator Dimming Signal
8	--	--	Not Used

Steering Wheel Control Switch - Right



Connector Part Information

- OEM: 50-57-9405
- Service: See Catalog
- Description: 5-Way F (BK)

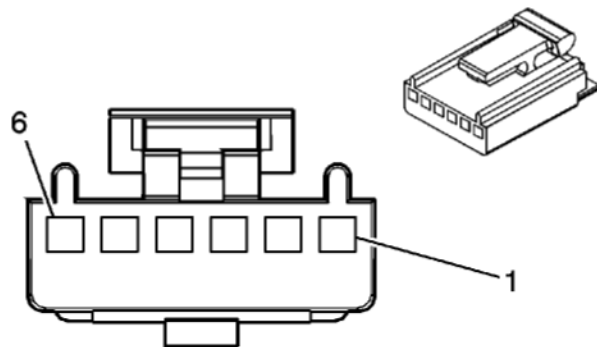
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel Control Switch - Right

Pin	Wire	Circuit	Function
1	0.35 PU	1375	Remote Radio Control Supply Voltage
2	0.35 D-BU	1796	Steering Wheel Controls Signal
3	0.35 PU/WH	7005	LED Dimming Signal
4	0.35 BK	350	Ground
5	0.35 PU	1375	Remote Radio Control Supply Voltage

Steering Wheel Position Sensor



Connector Part Information

- OEM: 19115612
- Service: See Catalog
- Description: 6-Way F (BK)

Terminal Part Information

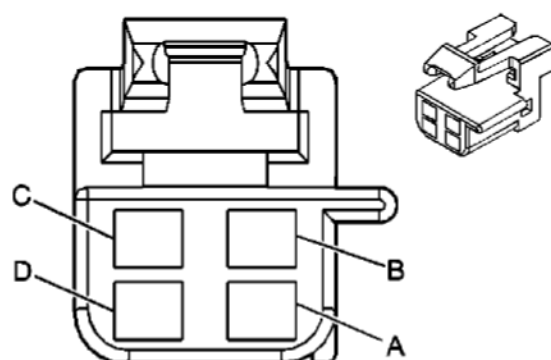
- Pins: 2, 3, 5, 6
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Steering Wheel Position Sensor

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 L-GN/BK	6432	CAN Bus Low Serial Data
3	0.35 TN/WH	6433	CAN Bus High Serial Data
4	--	--	Not Used

5	0.35 GY	1056	Steering Wheel Position Sensor 5-Volt Reference Voltage
6	0.35 BK/WH	351	Ground (JL4)

Sunload Sensor



Connector Part Information

- OEM: 12064760
- Service: See Catalog
- Description: 4-Way F Metri-Pack 150 Series (BK)

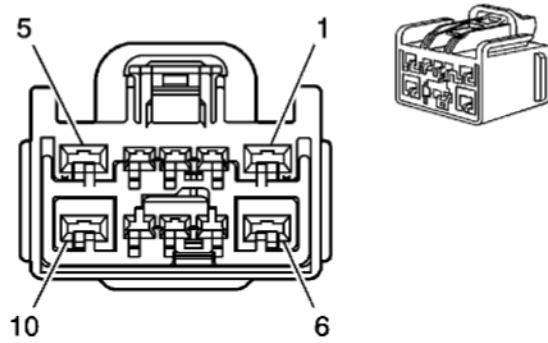
Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Sunload Sensor

Pin	Wire	Circuit	Function
A	0.35 L-BU/BK	590	Driver Sunload Sensor Signal
B	0.35 GY	1548	Passenger Sunload Sensor Signal
C	0.35 YE	61	Low Reference
D	0.35 L-GN/BK	1137	DRL Ambient Light Sensor Signal

Sunroof Control Module (C3U)



Connector Part Information

- OEM: 7282-6459-40
- Service: 19167677
- Description: 10-Way F (L-GY)

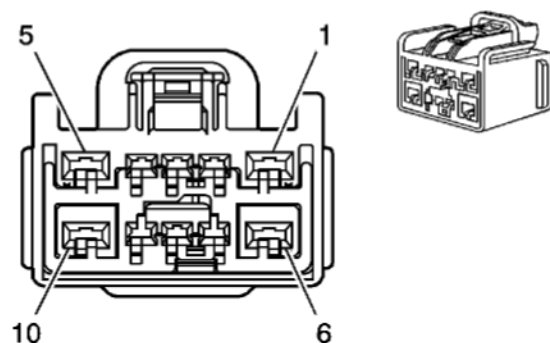
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunroof Control Module (C3U)

Pin	Wire	Circuit	Function
1	0.35 BK	1050	Ground
2	0.35 BK	--	--
3	0.35 D-GN	801	RAP Fuse Supply Voltage
4	--	--	Not Used
5	0.35 L-BU	5029	Sunroof Switch - Data 3
6	1 RD/WH	3240	Battery Positive Voltage
7	0.35 D-GN/WH	7006	Inter Device Dedicated Bus Serial Data
8-9	--	--	Not Used
10	0.35 OG	5027	Sunroof Switch - Data 1

Sunroof Shade Module (C3U)



Connector Part Information

- OEM: 7282-6459-40
- Service: 19167677
- Description: 10-Way F (L-GY)

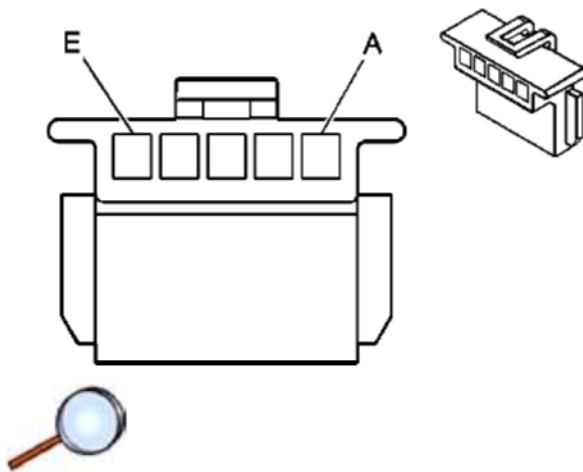
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunroof Shade Module (C3U)

Pin	Wire	Circuit	Function
1	0.35 BK	1050	Ground
2	--	--	Not Used
3	0.35 D-GN	801	RAP Fuse Supply Voltage
4	--	--	Not Used
5	0.35 PU	5032	Sunroof Switch - Data 6
6	1 RD/WH	3240	Battery Positive Voltage
7	0.35 D-GN/WH	7006	Inter Device Dedicated Bus Serial Data
8-9	--	--	Not Used
10	0.35 TN	5030	Sunroof Switch - Data 4

Sunroof Shade Switch (C3U)



Connector Part Information

- OEM: 12124997
- Service: See Catalog
- Description: 5-Way F (BK)

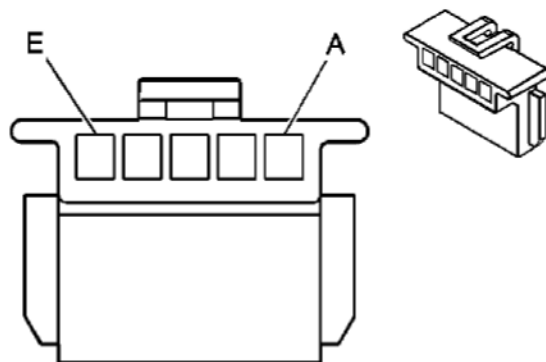
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunroof Shade Switch (C3U)

Pin	Wire	Circuit	Function
A	0.35 GY	8	I/P Dimmer Switch Signal
B	0.35 BK	1050	Ground
C	--	--	Not Used
D	0.35 TN	5030	Sunroof Switch - Data 4
E	0.35 PU	5032	Sunroof Switch - Data 6

Sunroof Switch (C3U)





Connector Part Information

- OEM: 13607185
- Service: See Catalog
- Description: 5-Way F (BU)

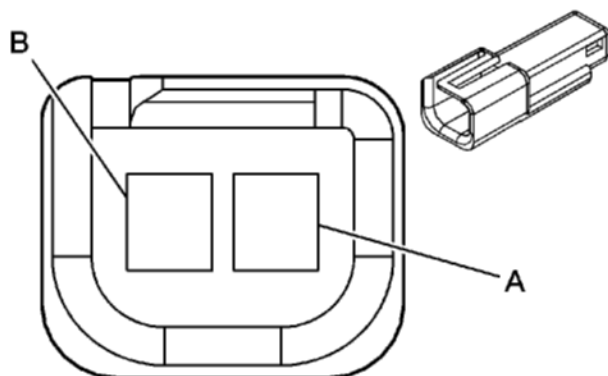
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunroof Switch (C3U)

Pin	Wire	Circuit	Function
A	0.35 GY	8	Instrument Panel Lamp Supply Voltage/Instrument Panel Lamps Dimmer Switch Signal
B	0.35 BK	1050	Ground
C	--	--	Not Used
D	0.35 OG	5029	Sunroof Switch - Data 3
E	0.35 L-BU	5027	Sunroof Switch - Data 1

Sunshade - Left



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way F (BK)

Terminal Part Information

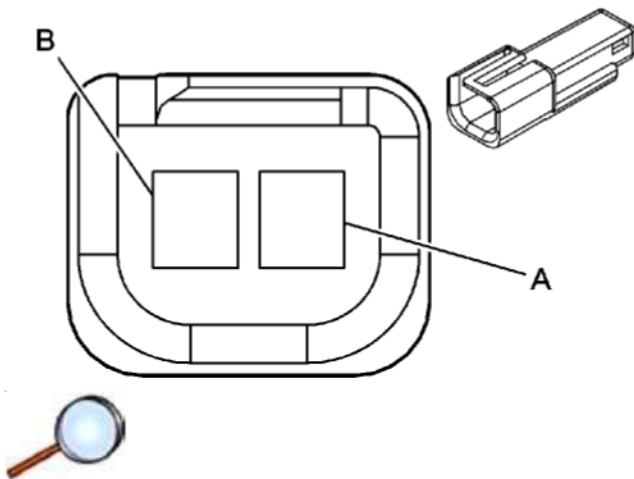
- Terminal/Tray: See Terminal Repair Kit

- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunshade - Left

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	1050	Ground

Sunshade - Right



Connector Part Information

- OEM: 12047663
- Service: See Catalog
- Description: 2-Way F (BK)

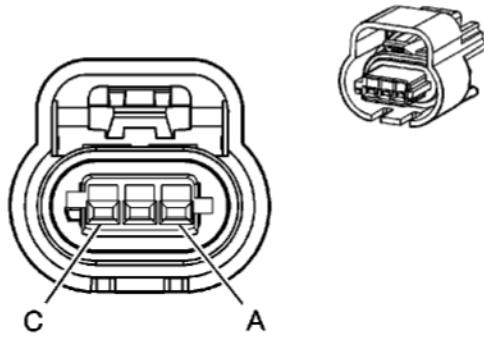
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Sunshade - Right

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	1050	Ground

Suspension Position Sensor - Left Front (F55)



Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

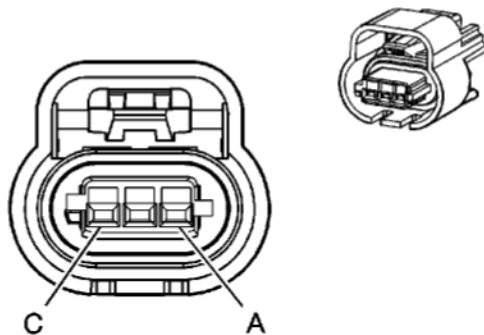
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Suspension Position Sensor - Left Front (F55)

Pin	Wire	Circuit	Function
A	0.35 PU/WH	1205	Left Front Suspension Position Sensor Voltage Reference
B	0.35 TN/WH	1207	Left Front Suspension Position Sensor Signal
C	0.35 L-BU/BK	1206	Left Front Suspension Position Sensor Low Reference

Suspension Position Sensor - Left Rear (F55)



Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

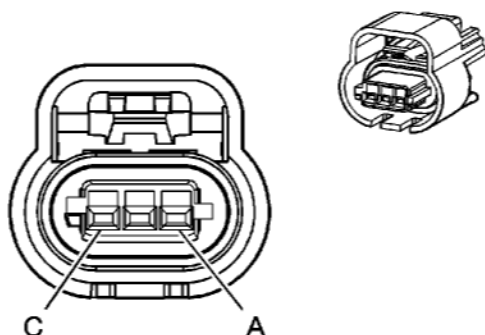
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Suspension Position Sensor - Left Rear (F55)

Pin	Wire	Circuit	Function
A	0.35 OG/BK	1208	Left Rear Suspension Position Sensor Voltage Reference
B	0.35 L-GN/WH	1210	Left Rear Suspension Position Sensor Signal
C	0.35 L-GN/BK	1209	Left Rear Suspension Position Sensor Low Reference

Suspension Position Sensor - Right Front (F55)



Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

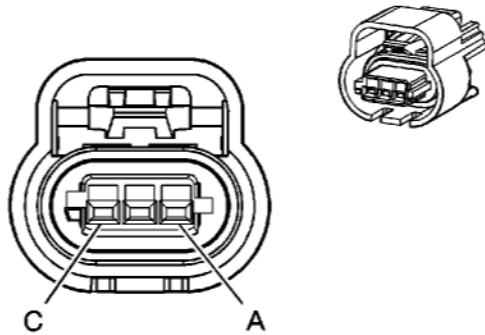
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Suspension Position Sensor - Right Front (F55)

Pin	Wire	Circuit	Function
A	0.35 PU/WH	1211	Right Front Suspension Position Sensor Voltage Reference
B	0.35 TN/WH	1213	Right Front Suspension Position Sensor Signal
C	0.35 L-BU/BK	1212	Right Front Suspension Position Sensor Low Reference

Suspension Position Sensor - Right Rear (F55)



Connector Part Information

- OEM: 15326556
- Service: 88953359
- Description: 3-Way F GT 150 Series (BK)

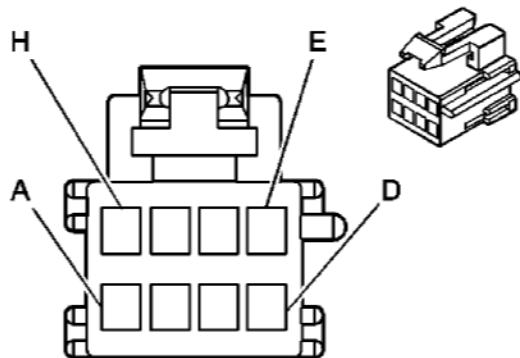
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Suspension Position Sensor - Right Rear (F55)

Pin	Wire	Circuit	Function
A	0.35 OG/BK	1214	Right Rear Suspension Position Sensor Voltage Reference
B	0.35 L-GN/WH	1216	Right Rear Suspension Position Sensor Signal
C	0.35 L-GN/BK	1215	Right Rear Suspension Position Sensor Low Reference

Tail Lamp - Left (T90)





Connector Part Information

- OEM: 12064766
- Service: See Catalog
- Description: 8-Way F Metri-Pack 150 Series (BU)

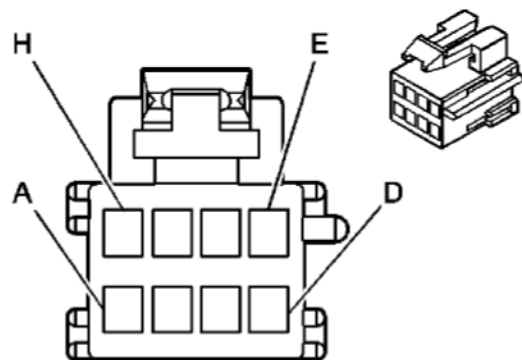
Terminal Part Information

- Pins: B, E
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: D, F
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Tail Lamp - Left (T90)

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.35 L-BU	20	Stop Lamp Supply Voltage
C	--	--	Not Used
D	0.35 YE	5356	Left Tail Lamp Outage Detection Signal
E	0.8 L-GN	24	Backup Lamp Supply Voltage
F	0.35 PU	709	Right Park Lamp Supply Voltage
G	0.35 L-BU	14	Left Turn Signal Lamps Supply Voltage
H	0.5 BK	850	Ground

Tail Lamp - Left (without T90)



Connector Part Information

- OEM: 12064766
- Service: See Catalog
- Description: 8-Way F Metri-Pack 150 Series (BU)

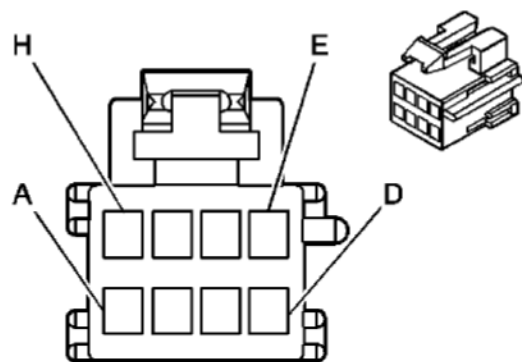
Terminal Part Information

- Pins: B, E, G, H
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: D, F
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Tail Lamp - Left (without T90)

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.35 YE	18	Left Rear Stop/Turn Lamp Supply Voltage
C	0.5 BK	850	Ground
D	0.35 YE	5356	Left Tail Lamp Outage Detection Signal
E	0.8 L-GN	24	Backup Lamp Supply Voltage
F	0.8 PU	709	Left Park Lamp Supply Voltage
G-H	--	--	Not Used

Tail Lamp - Right (T90)



Connector Part Information

- OEM: 12064766
- Service: See Catalog
- Description: 8-Way F Metri-Pack 150 Series (BU)

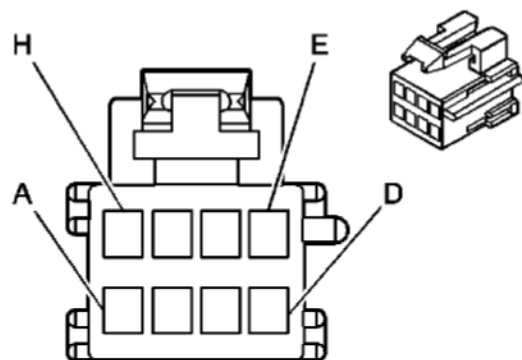
Terminal Part Information

- Pins: B, G, H
 - Terminal/Tray: See Terminal Repair Kit
 - Core/Insulation Crimp: See Terminal Repair Kit
 - Release Tool/Test Probe: See Terminal Repair Kit
-
- Pins: B, D, F, H
 - Terminal/Tray: 12064971/5
 - Core/Insulation Crimp: E/C
 - Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Tail Lamp - Right (T90)

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.35 L-BU	20	Stop Lamp Supply Voltage
C	--	--	Not Used
D	0.35 PU	5357	Right Tail Lamp Outage Detection Signal
E	0.35 L-GN	24	Backup Lamp Supply Voltage
F	0.35 BN/WH	309	Right Park Lamp Supply Voltage
G	0.35 D-BU	15	Right Turn Signal Lamps Supply Voltage
H	0.8 BK	1050	Ground

Tail Lamp - Right (without T90)



Connector Part Information

- OEM: 12064766
- Service: See Catalog
- Description: 8-Way F Metri-Pack 150 Series (BU)

Terminal Part Information

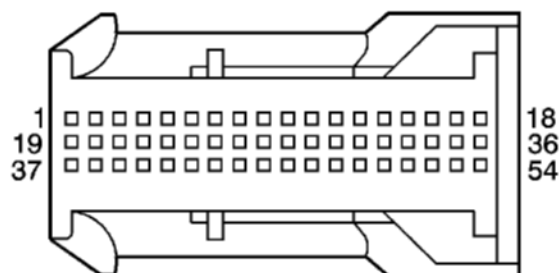
- Pins: B, C, E

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit
- Pins: C, D, F
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Tail Lamp - Right (without T90)

Pin	Wire	Circuit	Function
A	--	--	Not Used
B	0.35 D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
C	0.8 BK	1050	Ground
D	0.35 PU	5357	Right Tail Lamp Outage Detection Signal
E	0.8 L-GN	24	Backup Lamp Supply Voltage
F	0.35 BN/WH	309	Right Park Lamp Supply Voltage
G-H	--	--	Not Used

Television Antenna Module X1 (U2X/U2Y)



Connector Part Information

- OEM: 1-1355928-2
- Service: 88988326
- Description: 54-Way F (BK)

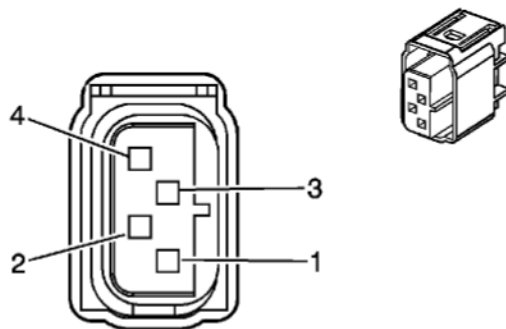
Terminal Part Information

- Pins: 3, 5-9, 13, 14, 19, 20
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Television Antenna Module X1 (U2X/U2Y)

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	0.35 D-GN	5060	Low Speed GMLAN Serial Data
4	--	--	Not Used
5	0.35 GY	388	Remote Radio Right Audio Signal
6	0.35 D-GN/WH	368	Remote Radio Right Audio Signal
7	0.35 TN/WH	372	Remote Radio Audio Output
8	0.35 BN/WH	367	Remote Radio Left Audio Signal
9	0.35 BARE	5345	Drain Wire
10-12	--	--	Not Used
13	0.5 GY	--	COAX
14	0.5 BK	--	COAX
15-18	--	--	Not Used
19	0.35 BK	850	Ground
20	0.35 RD/WH	3340	Battery Positive Voltage
21-54	--	--	Not Used

Theft Deterrent Alarm Siren (UA2)



Connector Part Information

- OEM: 1-967640-1
- Service: 88953370
- Description: 4-Way F MQS Socket Housing, Sealed (BK)

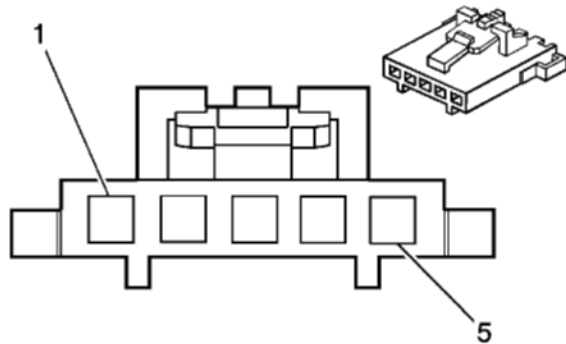
Terminal Part Information

- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Theft Deterrent Alarm Siren (UA2)

Pin	Wire	Circuit	Function
1	0.35 PK	539	Ignition 1 Voltage
2	0.35 RD/WH	4540	Battery Positive Voltage
3	0.35 TN/BK	5168	Power Sounder Enable Signal
4	0.35 BK	850	Ground

Theft Deterrent Module (without UHA / UHF)



Connector Part Information

- OEM: 50-57-9705
- Service: 88988353
- Description: 5-Way F SL Series (BK)

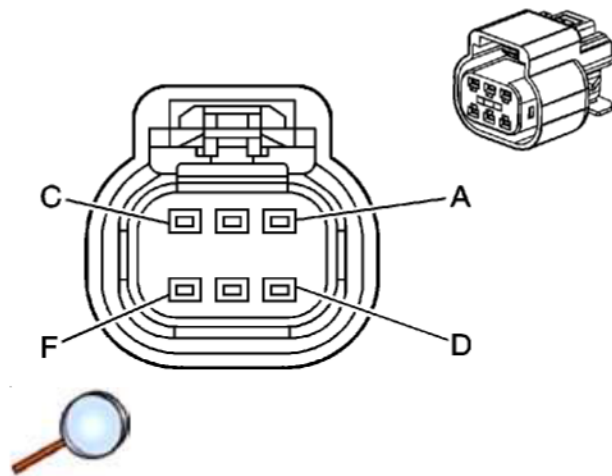
Terminal Part Information

- Pins: 1-3, 5
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Theft Deterrent Module (without UHA / UHF)

Pin	Wire	Circuit	Function
1	0.35 OG	1940	Battery Positive Voltage
2	0.35 BN	4	Accessory Voltage
3	0.35 BK/WH	351	Ground
4	--	--	Not Used
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data

Throttle Body



Connector Part Information

- OEM: 15355297
- Service: 19115594
- Description: 6-Way F GT 150 Series Sealed (BK)

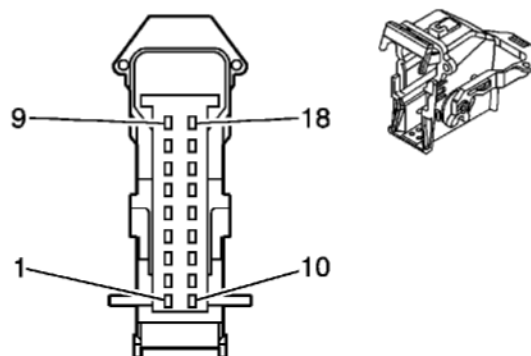
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Throttle Body

Pin	Wire	Circuit	Function
A	0.5 BN	582	TAC Motor Control - 2
B	0.5 YE	581	TAC Motor Control - 1
C	0.5 TN	2752	Low Reference
D	0.5 D-GN	485	TP Sensor 1 Signal
E	0.5 GY	2701	5-Volt Reference 3
F	0.5 PU	486	TP Sensor 2 Signal

Tire Pressure Module (UH3)





Connector Part Information

- OEM: 962108-2
- Service: 12162954
- Description: 18-Way F Micro Quadlock (BK)

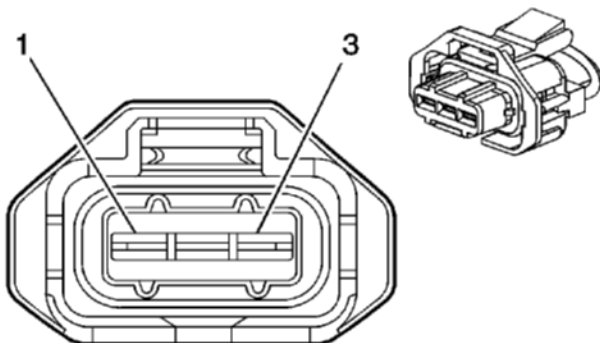
Terminal Part Information

- Pins: 1, 2, 5, 10-13, 15, 17, 18
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

Tire Pressure Module (UH3)

Pin	Wire	Circuit	Function
1	0.35 PK	1739	Ignition 1 Voltage
2	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
3-4	--	--	Not Used
5	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
6-9	--	--	Not Used
10	0.35 BK/WH	1051	Ground
11	0.35 GY	5733	Left Front Tire Pressure Receiver Signal
12	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference
13	0.35 OG	5734	Right Front Tire Pressure Receiver Signal
14	--	--	Not Used
15	0.35 PU	5735	Right Rear Tire Pressure Receiver Signal
16	--	--	Not Used
17	0.35 YE	5736	Left Rear Tire Pressure Receiver Signal
18	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference

Tire Pressure Receiver - Left Front (UH3)





Connector Part Information

- OEM: 1928403870
- Service: 88952842
- Description: 3-Way F Sealed (BK)

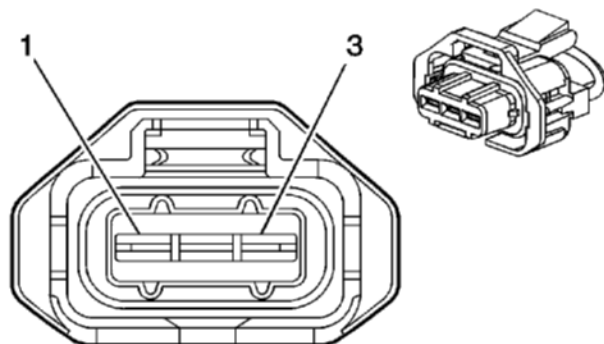
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Tire Pressure Receiver - Left Front (UH3)

Pin	Wire	Circuit	Function
1	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
2	0.35 GY	5733	Left Front Tire Pressure Receiver Signal
3	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference

Tire Pressure Receiver - Left Rear (UH3)



Connector Part Information

- OEM: 1928403870
- Service: 88952842
- Description: 3-Way F Sealed (BK)

Terminal Part Information

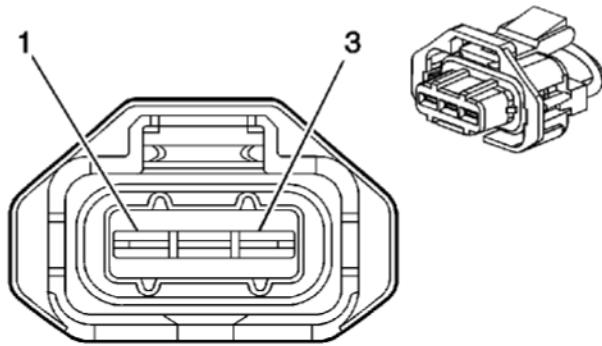
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Tire Pressure Receiver - Left Rear (UH3)

--	--	--	--

Pin	Wire	Circuit	Function
1	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
2	0.35 YE	5736	Left Rear Tire Pressure Receiver Signal
3	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference

Tire Pressure Receiver - Right Front (UH3)



Connector Part Information

- OEM: 1928403870
- Service: 88952842
- Description: 3-Way F Sealed (BK)

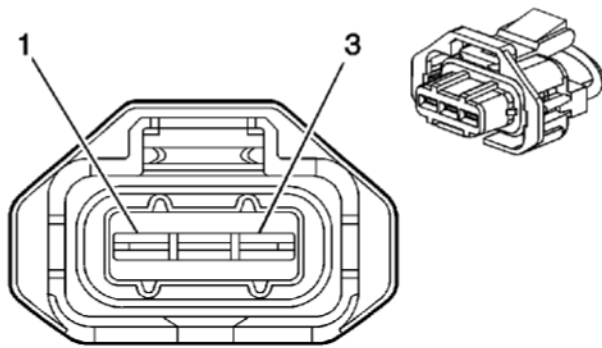
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Tire Pressure Receiver - Right Front (UH3)

Pin	Wire	Circuit	Function
1	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
2	0.35 OG	5734	Right Front Tire Pressure Receiver Signal
3	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference

Tire Pressure Receiver - Right Rear (UH3)



Connector Part Information

- OEM: 1928403870
- Service: 88952842
- Description: 3-Way F Sealed (BK)

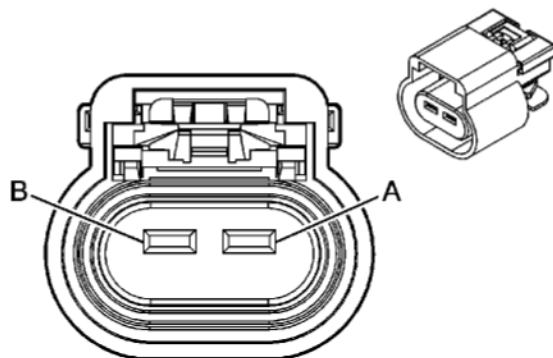
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Tire Pressure Receiver - Right Rear (UH3)

Pin	Wire	Circuit	Function
1	0.35 L-BU/BK	5732	Tire Pressure Receiver Supply Voltage
2	0.35 PU	5735	Right Rear Tire Pressure Receiver Signal
3	0.35 L-GN/BK	5731	Tire Pressure Receiver Low Reference

Transfer Case Clutch Coil X1 (MX7)



Connector Part Information

- OEM: 15326677
- Service: See Catalog
- Description: 2-Way F GT 280 Series Sealed (BK)

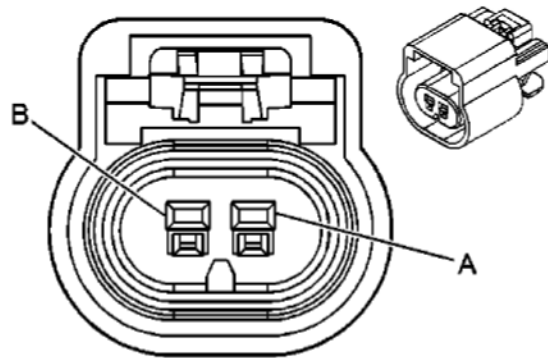
Terminal Part Information

- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Transfer Case Clutch Coil X1 (MX7)

Pin	Wire	Circuit	Function
A	1 YE/WH	7483	Clutch Coil Control
B	1 YE/BK	7482	Clutch Coil Return

Transfer Case Clutch Coil X2 (MX7)



Connector Part Information

- OEM: 15326801
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (BK)

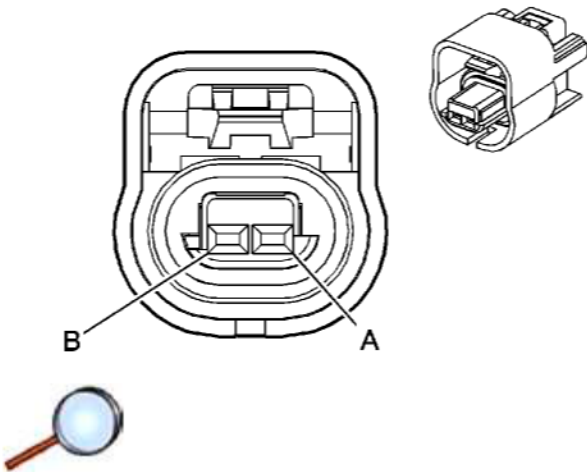
Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Transfer Case Clutch Coil X2 (MX7)

Pin	Wire	Circuit	Function
A	0.5 GN/BK	7480	Clutch Calibration Resistor 5-Volt Reference
B	0.5 GN	7481	Clutch Calibration Resistor Signal

Transfer Case Fluid Temperature Sensor (MX7)



Connector Part Information

- OEM: 15355317
- Service: See Catalog
- Description: 2-Way F GT 150 Series Sealed (BK)

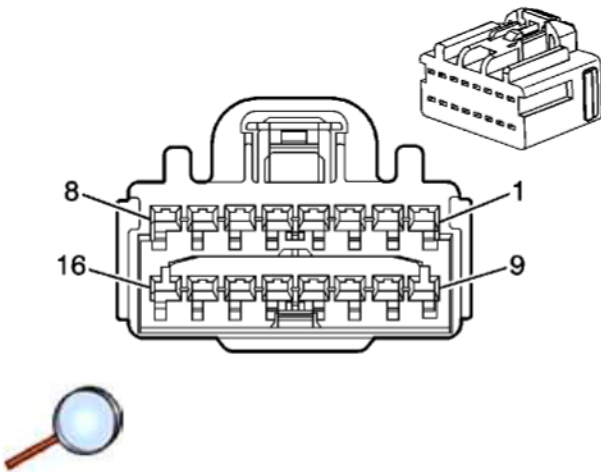
Terminal Part Information

- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Transfer Case Fluid Temperature Sensor (MX7)

Pin	Wire	Circuit	Function
A	0.5 PU	7485	Oil Temperature Sensor Signal
B	0.5 PU/WH	7484	Oil Temperature Sensor 5-Volt Reference

Transfer Case Shift Control Module X1 (MX7)



Connector Part Information

- OEM: 7283-6456-90
- Service: 88952778
- Description: 16-Way F Kaizen YESC Series (BU)

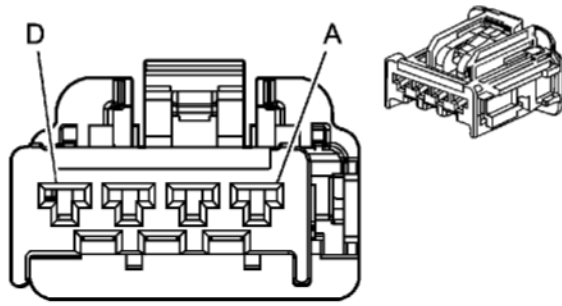
Terminal Part Information

- Pins: 8, 16
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pins: 6, 15
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

Transfer Case Shift Control Module X1 (MX7)

Pin	Wire	Circuit	Function
1	0.35 PU	7485	Oil Temperature Sensor Signal
2	--	--	Not Used
3	0.5 PK	339	Ignition 1 Voltage
4	1 YE/BK	7482	Clutch Coil Return
5	1 YE/WH	7483	Clutch Coil Control
6	0.35 D-BU	5985	Accessory Wakeup Serial Data
7	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
8	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
9	0.35 OG	7484	Oil Temperature Sensor 5-Volt Reference
10	--	--	Not Used
11	0.35 GN	7481	Clutch Calibration Resistor Signal
12	0.35 GN/BK	7480	Clutch Calibration Resistor 5-Volt Reference
13-14	--	--	Not Used
15	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
16	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+

Transfer Case Shift Control Module X2 (MX7)



Connector Part Information

- OEM: 15466671
- Service: 19149301
- Description: 4-Way F GT 280 Series (L-GY)

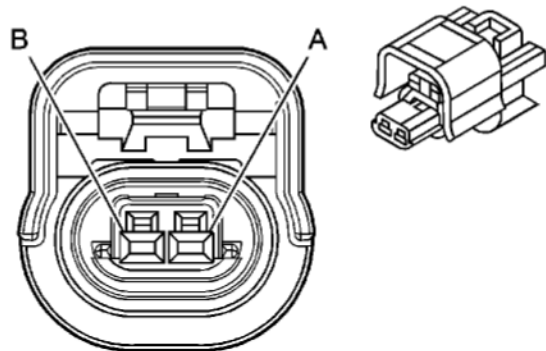
Terminal Part Information

- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Transfer Case Shift Control Module X2 (MX7)

Pin	Wire	Circuit	Function
A-B	--	--	Not Used
C	1 OG	2640	Battery Positive Voltage
D	1 BK	350	Ground

Turn Signal Lamp - Left Front



Connector Part Information

- OEM: 09442003
- Service: See Catalog
- Description: 2-Way F (BK)

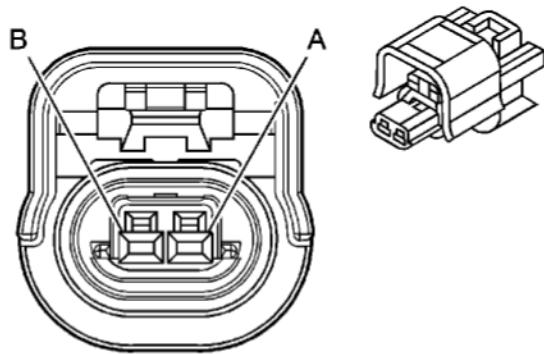
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Turn Signal Lamp - Left Front

Pin	Wire	Circuit	Function
A	0.8 BK	1314	Left Front Turn Signal Lamp Supply Voltage
B	0.8 BK	150	Ground

Turn Signal Lamp - Right Front



Connector Part Information

- OEM: 09442003
- Service: See Catalog
- Description: 2-Way F (BK)

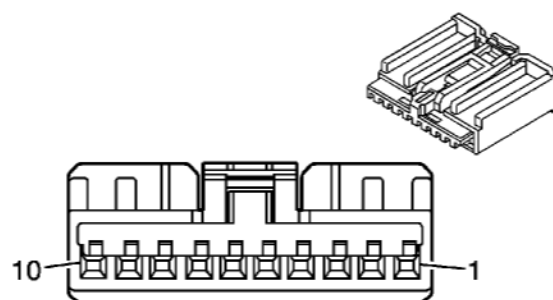
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Turn Signal Lamp - Right Front

Pin	Wire	Circuit	Function
A	0.8 BK	1315	Right Front Turn Signal Lamp Supply Voltage
B	0.8 BK	250	Ground

Turn Signal/Multifunction Switch X1



Connector Part Information

- OEM: AIT2PB-10-1FS
- Service: See Catalog
- Description: 10-Way F AIT II Series (NA)

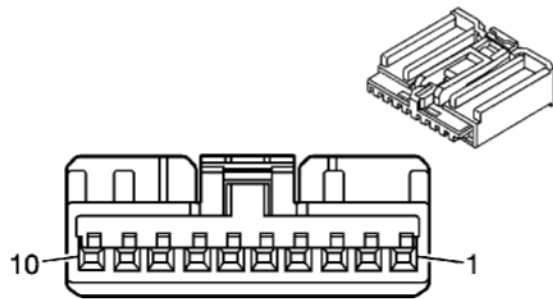
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Turn Signal / Multifunction Switch X1

Pin	Wire	Circuit	Function
1	0.35 BK/WH	351	Ground
2	0.35 L-BU/WH	1414	Left Front Turn Signal Switch Signal
3	0.35 D-BU/WH	1415	Right Front Turn Signal Switch Signal
4	0.35 D-GN	306	Headlamp Switch Headlamps Off Signal
5	0.35 WH	103	Headlamp Switch Headlamps On Signal
6	0.35 BN/WH	301	Rear Park Lamps Supply Voltage/Park Lamp Switch On Signal
7	0.35 OG	192	Front Fog Lamp Switch Signal (T96)
8	0.35 L-BU	187	Rear Fog Lamp Switch Signal (T79)
9	0.35 BK/WH	351	Ground
10	0.35 BK/WH	351	Ground (T96/T79)

Turn Signal / Multifunction Switch X2



Connector Part Information

- OEM: AIT2PB-10-1BH
- Service: See Catalog
- Description: 10-Way F AIT II Series (GY)

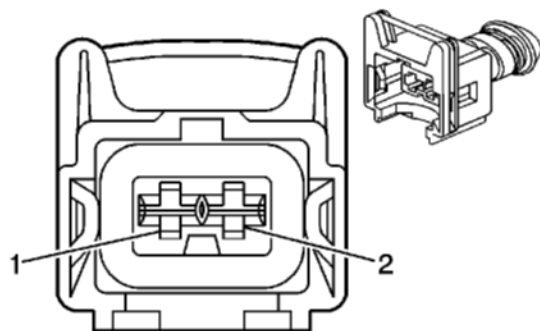
Terminal Part Information

- Pins: 7, 8, 10
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Turn Signal / Multifunction Switch X2

Pin	Wire	Circuit	Function
1-6	--	--	Not Used
7	0.35 PU	524	Headlamp Dimmer Switch High Beam Signal
8	0.35 BK/WH	351	Ground
9	--	--	Not Used
10	0.35 BN	1356	Flash To Pass Switch Signal

Variable Effort Steering Actuator (MX7)





Connector Part Information

- OEM: 09630401
- Service: See Catalog
- Description: 2-Way F Sealed (BU)

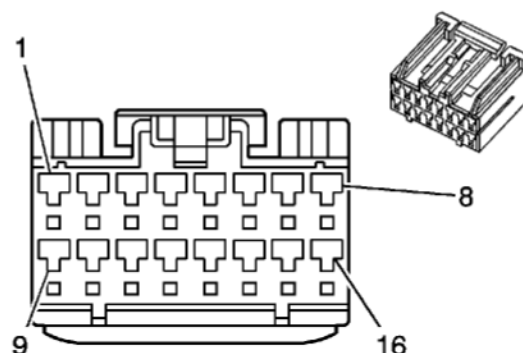
Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Variable Effort Steering Actuator (MX7)

Pin	Wire	Circuit	Function
1	0.5 WH	1294	Variable Effort Steering Actuator Supply Voltage
2	0.5 BN	1295	Variable Effort Steering Actuator Control

Vehicle Communication Interface Module (VCIM) X1 (UE1)



Connector Part Information

- OEM: 917981-1
- Service: 15306351
- Description: 16-Way F.040/.070 Hybrid Series (WH)

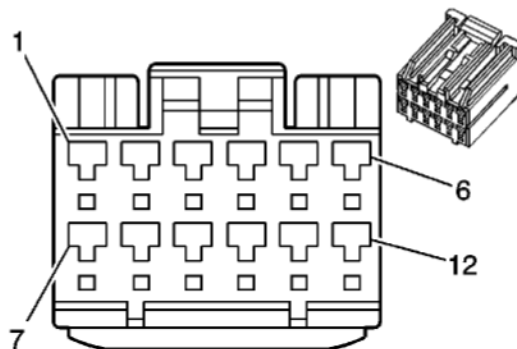
Terminal Part Information

- Pins: 1-3, 6, 7, 10-12, 15
- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: Pins 1-3, 6, 10-12 - J/J
- Core/Insulation Crimp: Pins 7, 15 - K/K
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

Vehicle Communication Interface Module (VCIM) X1 (UE1)

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2	0.35 BN/WH	2517	Keypad Red LED Signal
3	0.35 YE/BK	2516	Keypad Green LED Signal
4-5	--	--	Not Used
6	0.35 L-GN/BK	2515	Keypad Supply Voltage
7	0.8 BK/WH	851	Ground
8-9	--	--	Not Used
10	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
11	0.35 D-GN/WH	2514	Keypad Signal
12	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
13-14	--	--	Not Used
15	0.8 RD/WH	3340	Battery Positive Voltage
16	--	--	Not Used

Vehicle Communication Interface Module (VCIM) X2 (UE1)



Connector Part Information

- OEM: 917975-1
- Service: 88952886
- Description: 12-Way F.040/.070 Hybrid Series (WH)

Terminal Part Information

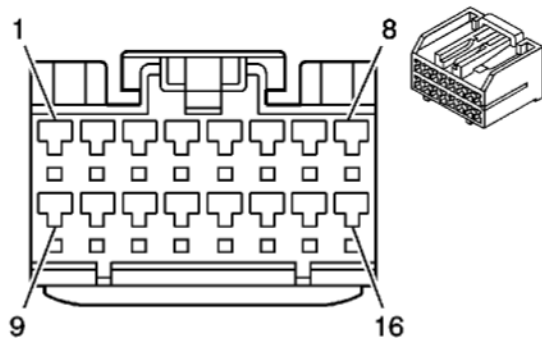
- Pins: 1-4, 8-10
- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)
- Pins: 1
- Terminal/Tray: 770904-1/25
- Core/Insulation Crimp: E/2

- Release Tool/Test Probe: J-38125-220/J-35616-6 (BN)

Vehicle Communication Interface Module (VCIM) X2 (UE1)

Pin	Wire	Circuit	Function
1	0.35 OG/BK	1406	Remote Playback Device Left Audio Signal
2	0.35 L-BU	1405	Remote Playback Device Audio Common Signal
3	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
4	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
5-7	--	--	Not Used
8	0.35 BARE	814	Drain Wire
9	0.35 GY	655	Cellular Microphone Signal
10	0.35 BARE	514	Ground
11-12	--	--	Not Used

Vehicle Communication Interface Module (VCIM) X3 (UE1)



Connector Part Information

- OEM: 917983-2
- Service: 88988722
- Description: 16-Way M MKII Hybrid (BK)

Terminal Part Information

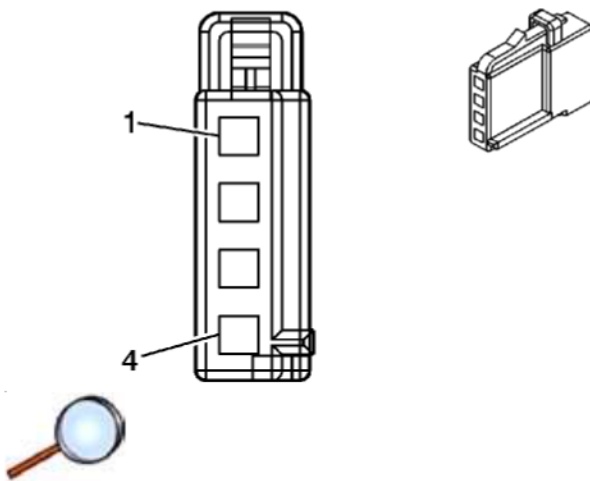
- Pins: 2, 4, 5
- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

Vehicle Communication Interface Module (VCIM) X3 (UE1)

Pin	Wire	Circuit	Function
1	--	--	Not Used
2	0.35 PK	5149	Voice Recognition Audio Signal

3	--	--	Not Used
4	0.35 PK/BK	5152	Voice Recognition Audio Low Reference
5	0.35 BARE	1792	Drain Wire (UAV)
6-16	--	--	Not Used

Vehicle Inclination Sensor (UA2)



Connector Part Information

- OEM: 15324229
- Service: See Catalog
- Description: 4-Way F Timer 1.2 Series (BK)

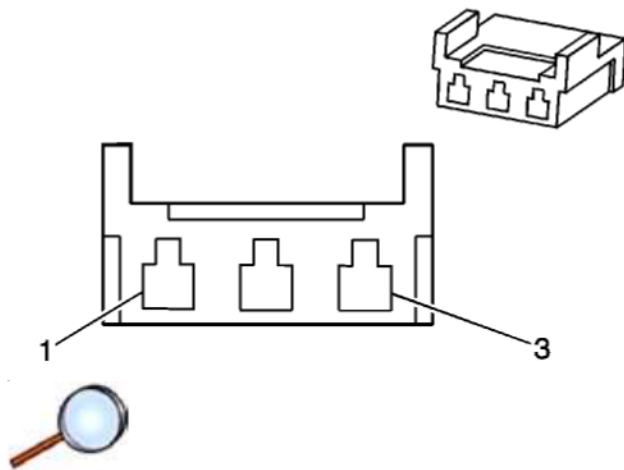
Terminal Part Information

- Terminal/Tray: 962943-5/16
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

Vehicle Inclination Sensor (UA2)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	4540	Battery Positive Voltage
2	--	--	Not Used
3	0.35 L-BU	5362	Inclination Sensor Signal
4	0.35 YE	5058	Intrusion Sensor Armed Signal

Vehicle Speed Sensor (VSS) (MV7)



Connector Part Information

- OEM: 1928402868
- Service: See Catalog
- Description: 3-Way F (BK)

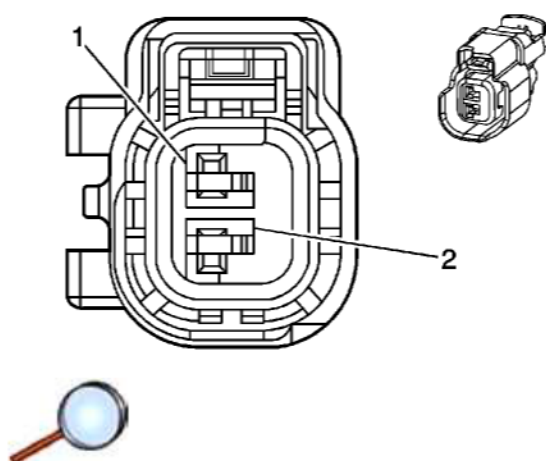
Terminal Part Information

- Pins: 1, 3
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

Vehicle Speed Sensor (VSS) (MV7)

Pin	Wire	Circuit	Function
1	0.5 PU/WH	821	VSS High Signal
2	0.8 BK/WH	1551	Ground
3	0.35 GY	5294	Battery Positive Voltage

Wheel Speed Sensor (WSS) - Left Front



Connector Part Information

- OEM: 34062-0011
- Service: 19167740
- Description: 2-Way F 1.5 Series Sealed (BK)

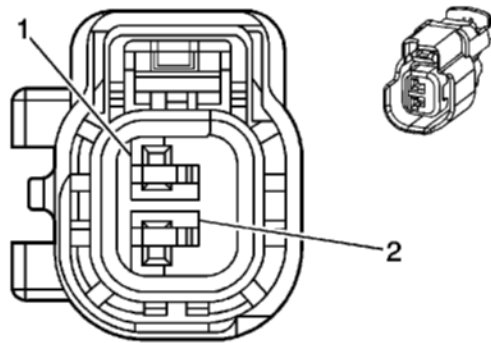
Terminal Part Information

- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Wheel Speed Sensor (WSS) - Left Front

Pin	Wire	Circuit	Function
1	0.5 YE	873	Left Front Wheel Speed Sensor Low Reference
2	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal

Wheel Speed Sensor (WSS) - Left Rear



Connector Part Information

- OEM: 34062-0011
- Service: 19167740
- Description: 2-Way F 1.5 Series Sealed (BK)

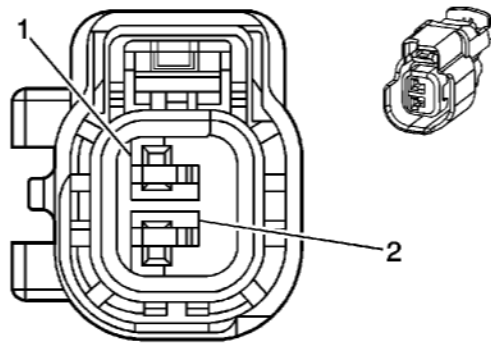
Terminal Part Information

- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Wheel Speed Sensor (WSS) - Left Rear

Pin	Wire	Circuit	Function
1	0.5 OR	885	Left Rear Wheel Speed Sensor Low Reference
2	0.5 TN	884	Left Rear Wheel Speed Sensor Signal

Wheel Speed Sensor (WSS) - Right Front



Connector Part Information

- OEM: 34062-0011
- Service: 19167740
- Description: 2-Way F 1.5 Series Sealed (BK)

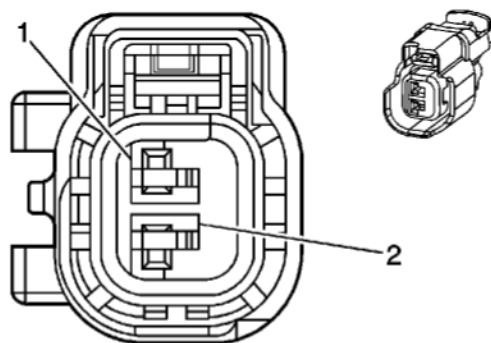
Terminal Part Information

- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Wheel Speed Sensor (WSS) - Right Front

Pin	Wire	Circuit	Function
1	0.5 TN	833	Right Front Wheel Speed Sensor Low Reference
2	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal

Wheel Speed Sensor (WSS) - Right Rear



Connector Part Information

- OEM: 34062-0011
- Service: 19167740
- Description: 2-Way F 1.5 Series Sealed (BK)

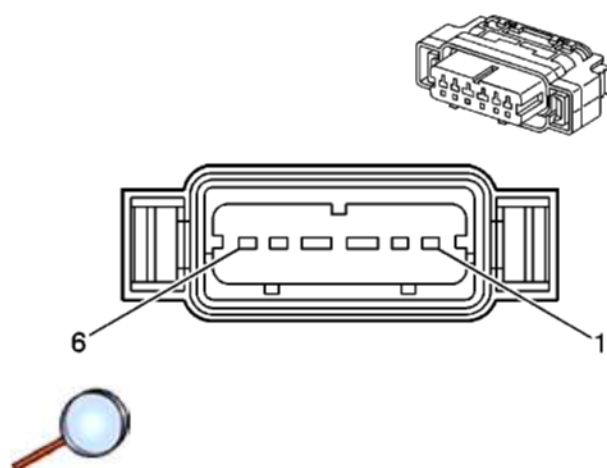
Terminal Part Information

- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Wheel Speed Sensor (WSS) - Right Rear

Pin	Wire	Circuit	Function
1	0.5 WH	883	Right Rear Wheel Speed Sensor Low Reference
2	0.5 BN	882	Right Rear Wheel Speed Sensor Signal

Window Motor - Driver



Connector Part Information

- OEM: 902970-00
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

Terminal Part Information

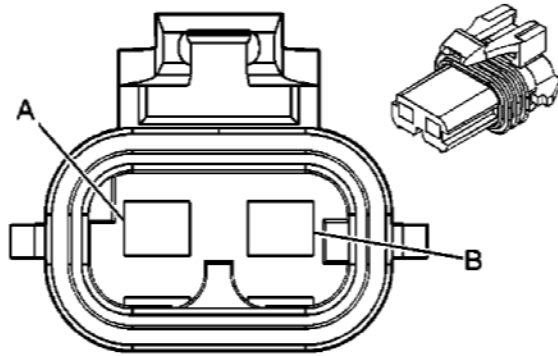
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Window Motor - Driver

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	2 RD/WH	4340	Battery Positive Voltage

4	2 BK	350	Ground
5	0.5 BN	6132	Local Interconnect Network 1
6	--	--	Not Used

Window Motor - Left Rear



Connector Part Information

- OEM: 12129487
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

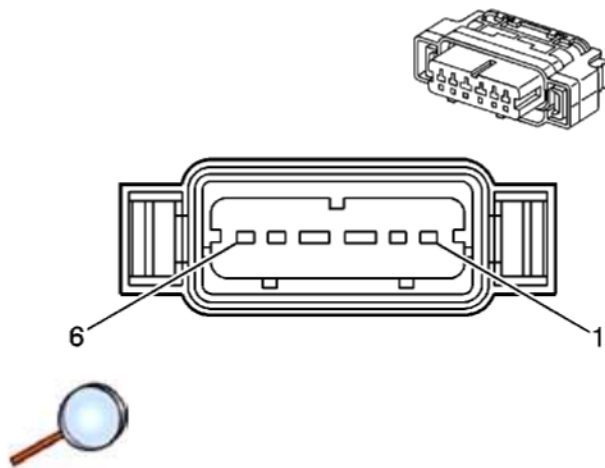
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Window Motor - Left Rear

Pin	Wire	Circuit	Function
A	1 D-BU	668	Power Window Motor Left Rear Up Control
B	1 BN	669	Power Window Motor Left Rear Down Control

Window Motor - Passenger



Connector Part Information

- OEM: 902970-00
- Service: See Catalog
- Description: 6-Way F Sealed (BK)

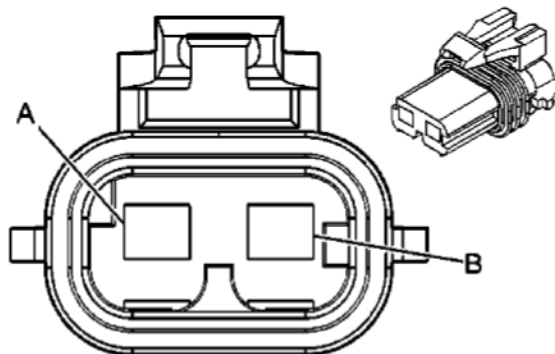
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Window Motor - Passenger

Pin	Wire	Circuit	Function
1-2	--	--	Not Used
3	2 RD/WH	4340	Battery Positive Voltage
4	2 BK	450	Ground
5	0.5 D-BU	6133	Local Interconnect Network 2
6	--	--	Not Used

Window Motor - Right Rear





Connector Part Information

- OEM: 12129487
- Service: See Catalog
- Description: 2-Way F Sealed (GY)

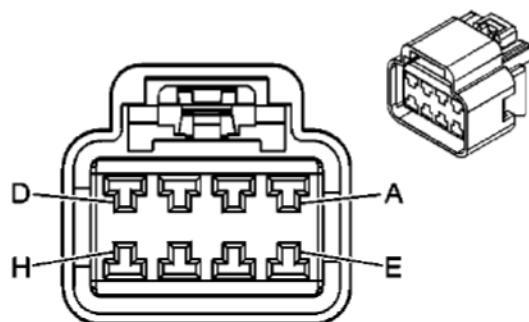
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Window Motor - Right Rear

Pin	Wire	Circuit	Function
A	1 D-BU	670	Power Window Motor Right Rear Up Control
B	1 BN	671	Power Window Motor Right Rear Down Control

Window Switch - Left Rear



Connector Part Information

- OEM: 15326924
- Service: See Catalog
- Description: 8-Way F GT 280 Series (BK)

Terminal Part Information

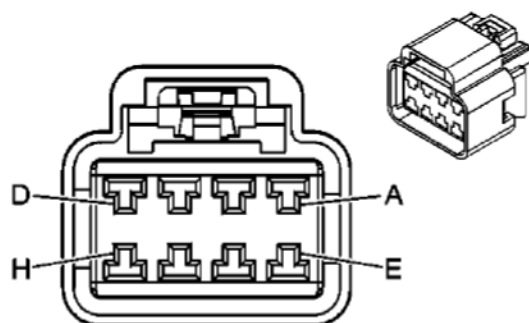
- Pins: E
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: A-D, F-H
- Terminal/Tray: 15304711/8

- Core/Insulation Crimp: Pins A-D - E/A
- Core/Insulation Crimp: Pins F-H - 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Window Switch - Left Rear

Pin	Wire	Circuit	Function
A	0.35 GY	8	I/P Dimmer Switch Signal
B	0.35 PU	169	Power Window Master Switch Left Rear Down Signal
C	0.35 L-GN	168	Power Window Master Switch Left Rear Up Signal
D	0.35 L-BU/WH	1307	Power Window Master Switch Lockout Control
E	2 BK	350	Ground
F	1 D-BU	668	Power Window Motor Left Rear Up Control
G	1 BN	669	Power Window Motor Left Rear Down Control
H	1 RD/WH	4740	Battery Positive Voltage

Window Switch - Right Rear



Connector Part Information

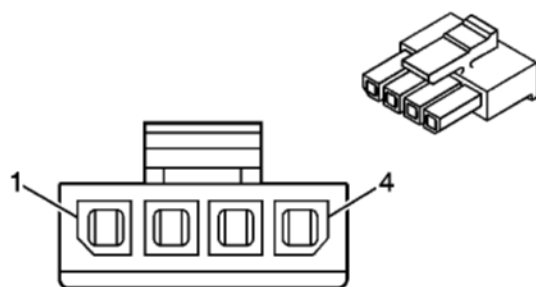
- OEM: 15326924
- Service: See Catalog
- Description: 8-Way F GT 280 Series (BK)

Terminal Part Information

- Pins: E
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: A-D, F-H
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: Pins A-D - E/A
- Core/Insulation Crimp: Pins F-H - 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Window Switch - Right Rear

Pin	Wire	Circuit	Function
A	0.35 GY	8	Instrument Panel Lamp Supply Voltage/Instrument Panel Lamps Dimmer Switch Signal
B	0.35 PU	171	Power Window Master Switch Right Rear Down Signal
C	0.35 L-GN	170	Power Window Master Switch Right Rear Up Signal
D	0.35 L-BU/WH	280	Power Window Master Switch Lockout Right Rear Signal
E	2 BK	450	Ground
F	1 D-BU	670	Power Window Motor Right Rear Up Control
G	1 BN	671	Power Window Motor Right Rear Down Control
H	1 RD/WH	4640	Battery Positive Voltage

Windshield Outside Moisture Sensor (CE1)**Connector Part Information**

- OEM: 43645-0400
- Service: See Catalog
- Description: 4-Way F (BK)

Terminal Part Information

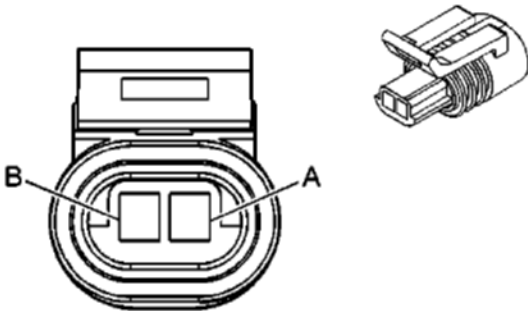
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Windshield Outside Moisture Sensor (CE1)

Pin	Wire	Circuit	Function
1	0.35 L-GN	482	Windshield Outside Moisture Sensor Signal 2
2	0.35 TN	481	Windshield Outside Moisture Sensor Signal 1
3	0.35 BK/WH	1051	Ground

4	0.35 D-GN	801	RAP Fuse Supply Voltage
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Windshield Washer Fluid Level Switch



Connector Part Information

- OEM: 12162195
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150.2 Series Sealed (BK)

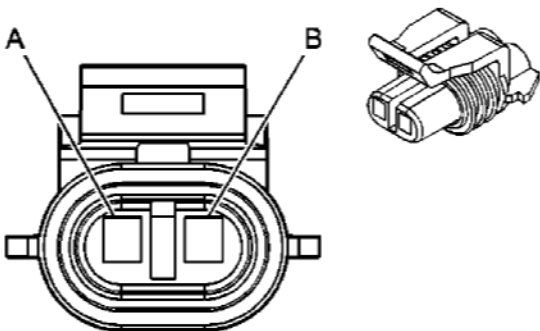
Terminal Part Information

- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-14 (GN)

Windshield Washer Fluid Level Switch

Pin	Wire	Circuit	Function
A	0.5 BK	650	Ground
B	0.5 TN	185	Low Washer Fluid Indicator Control

Windshield Washer Fluid Pump





Connector Part Information

- OEM: 12052641
- Service: See Catalog
- Description: 2-Way F Metri-Pack 150 Series Sealed (BK)

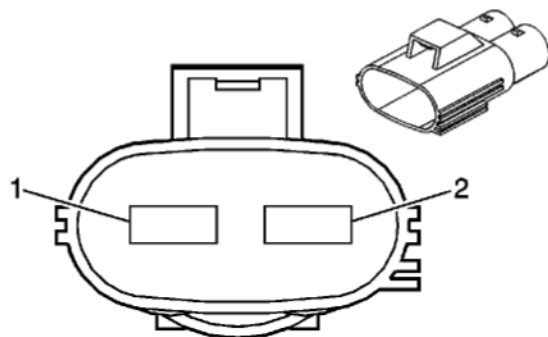
Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

Windshield Washer Fluid Pump

Pin	Wire	Circuit	Function
A	0.8 RD	228	Windshield Washer Pump Control
B	0.5 BK	650	Ground

Windshield Washer Solvent Heater X1 (XA7)



Connector Part Information

- OEM: 7282-3214-30
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

Terminal Part Information

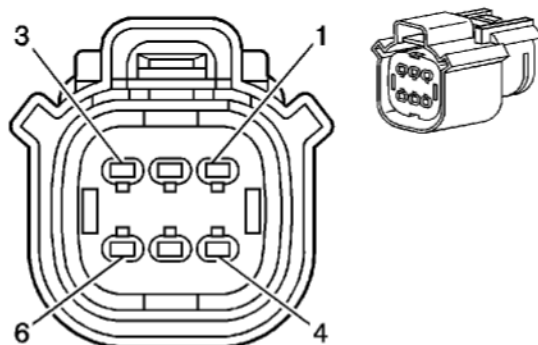
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Windshield Washer Solvent Heater X1 (XA7)

Pin	Wire	Circuit	Function

1	5 OG	2440	Battery Positive Voltage
2	5 BK	1150	Ground

Windshield Washer Solvent Heater X2 (XA7)



Connector Part Information

- OEM: 33472-0611
- Service: 19115669
- Description: 6-Way F Sealed (BK)

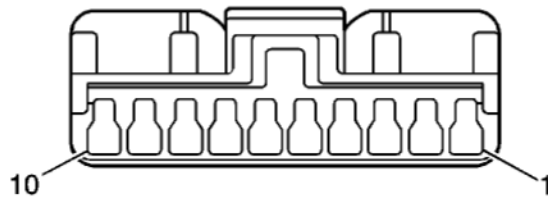
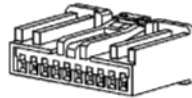
Terminal Part Information

- Pins: 1, 4-6
- Terminal/Tray: 33012-1003/23
- Core/Insulation Crimp: 2/E/2
- Release Tool/Test Probe: J-38125-217/J-35616-14 (GN)

Windshield Washer Solvent Heater X2 (XA7)

Pin	Wire	Circuit	Function
1	0.35 L-GN	6096	Washer Fluid Heated Control Switch Signal
2	0.35 D-BU/WH	5970	Washer Fluid Heated Control Switch LED Supply Voltage
3	--	--	Not Used
4	0.35 BK/WH	451	Ground
5	0.35 PK	94	Windshield Washer Switch Signal
6	0.35 OG	300	Ignition 3 Voltage

Windshield Wiper / Washer Switch



Connector Part Information

- OEM: AIT2PB-10-1DM
- Service: See Catalog
- Description: 10-Way F (GN)

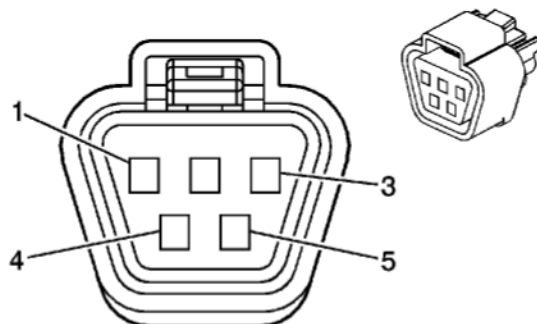
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Windshield Wiper/Washer Switch

Pin	Wire	Circuit	Function
1	0.35 L-BU	1714	Windshield Wiper Switch Low Signal
2	0.35 BK/WH	1251	Ground
3	0.35 L-GN	1715	Windshield Wiper Switch High Signal
4	0.35 PK	94	Windshield Washer Switch Signal (XA7)
5-10	--	--	Not Used

Windshield Wiper Motor





Connector Part Information

- OEM: 15316488
- Service: 19149298
- Description: 5-Way F 090 Series Sealed (GY)

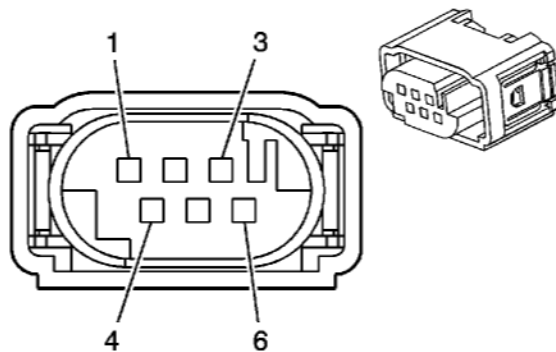
Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Windshield Wiper Motor

Pin	Wire	Circuit	Function
1	2 D-GN	95	Windshield Washer Switch Signal
2	0.35 BK	650	Ground
3	0.35 YE	196	Windshield Wiper Motor Park Switch Signal
4	2 PU	92	Windshield Wiper Motor High Speed
5	2 BK	650	Ground

Yaw Rate and Lateral Acceleration Sensor



Connector Part Information

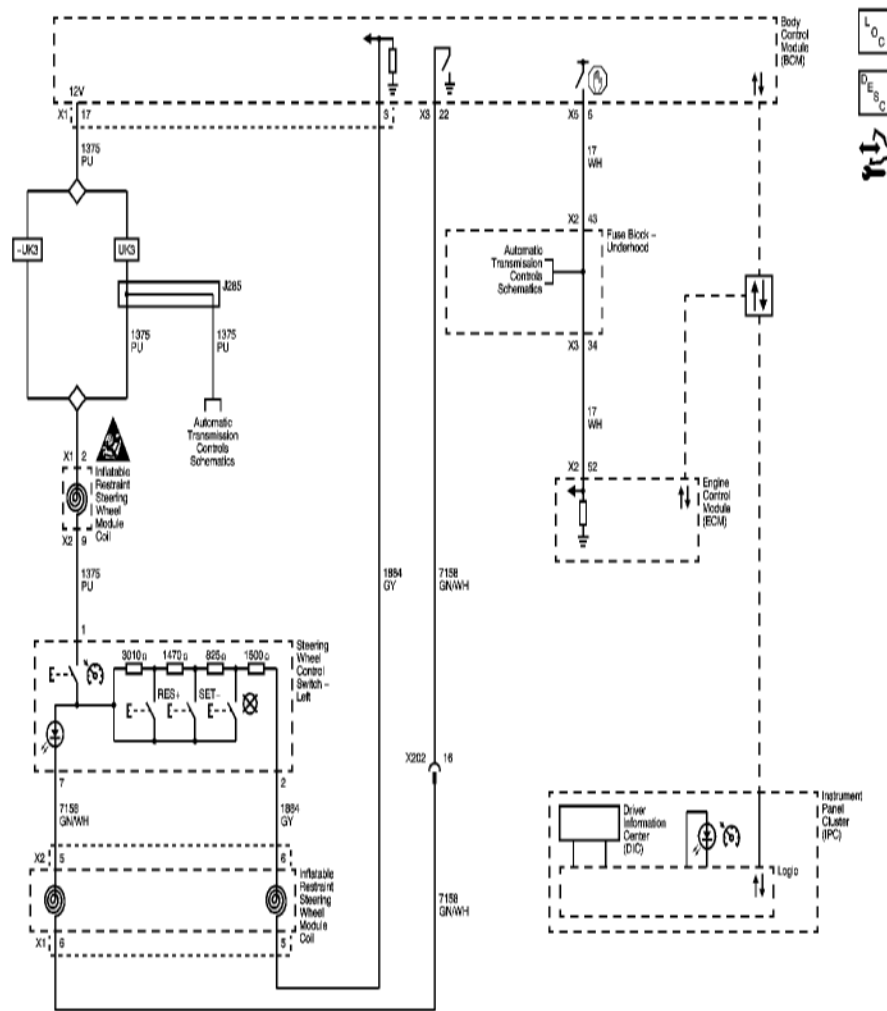
- OEM: 1-967616-1
- Service: 15306420
- Description: 6-Way F MQS Socket Housing, Sealed (BK)

Terminal Part Information

- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

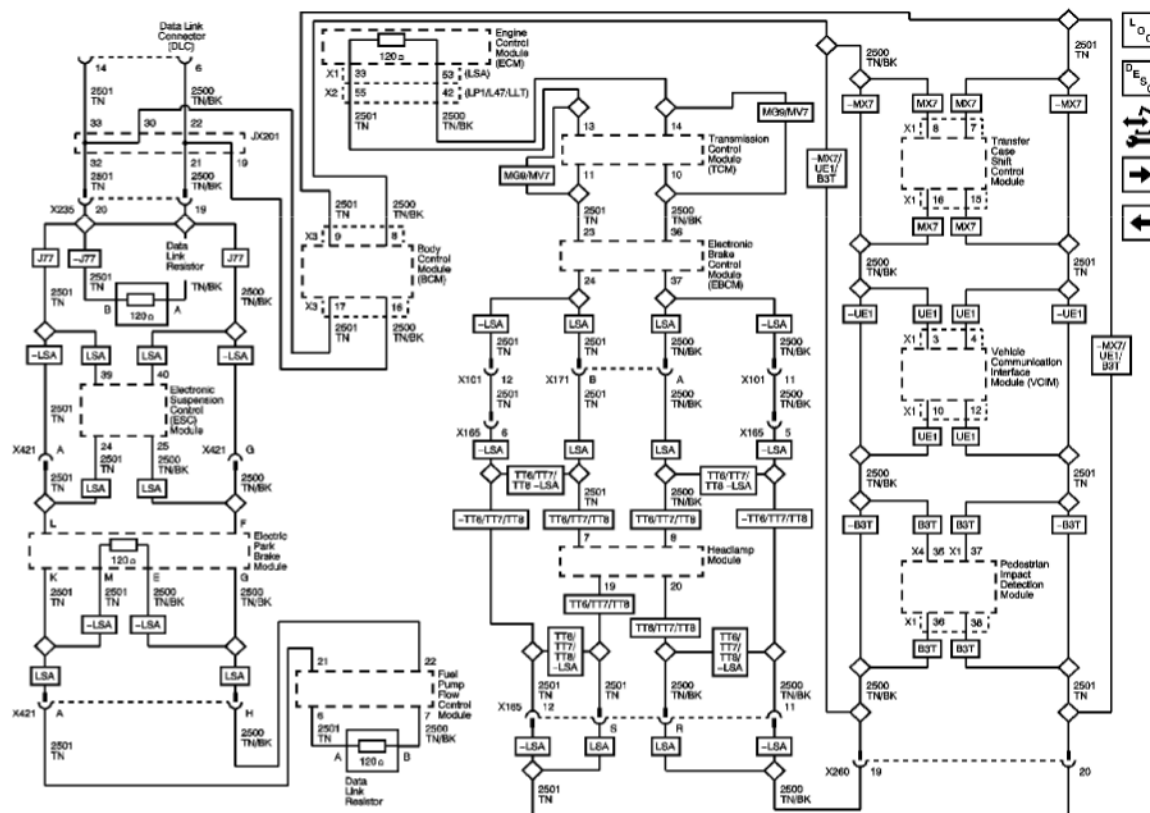
Yaw Rate and Lateral Acceleration Sensor

Pin	Wire	Circuit	Function
1	0.35 GY/BK	1337	12-Volt Reference
2	0.35 TN/WH	6433	CAN Bus High Serial Data
3	0.35 L-GN/BK	6432	CAN Bus Low Serial Data
4	0.35 TN/WH	6433	CAN Bus High Serial Data
5	0.35 L-GN/BK	6432	CAN Bus Low Serial Data
6	0.35 BK/WH	451	Ground

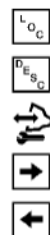


[illegible]

High Speed GMLAN

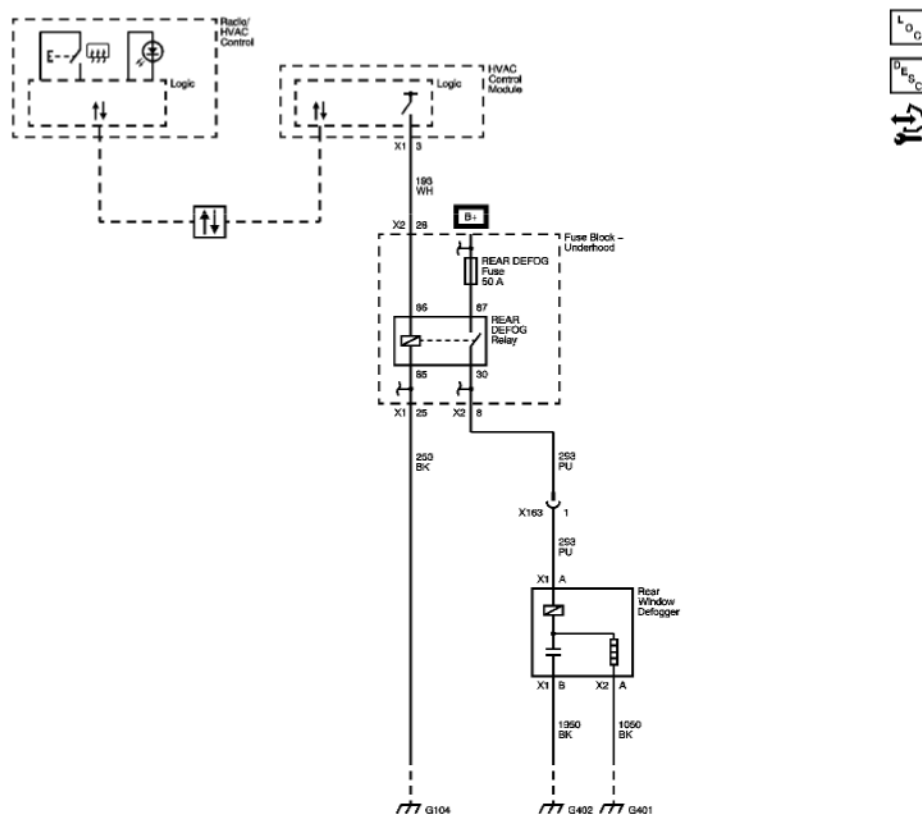


Communications Enable

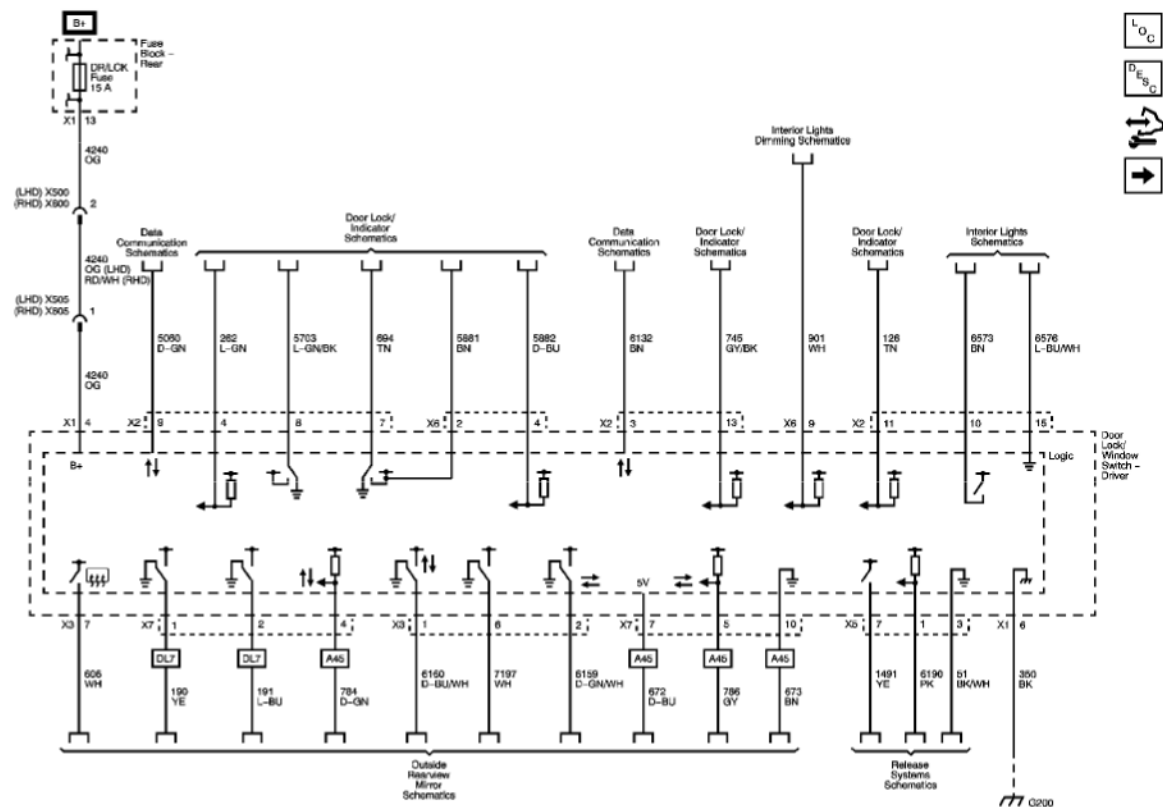


Defogger Schematics

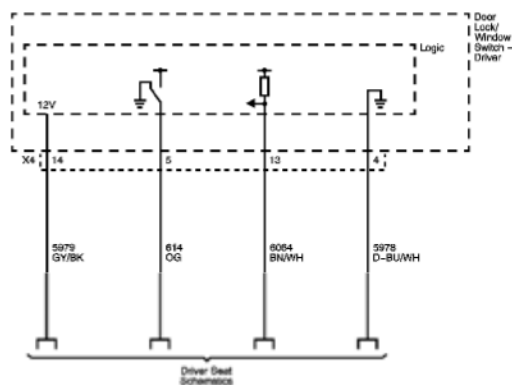
Rear Window Defogger Schematics



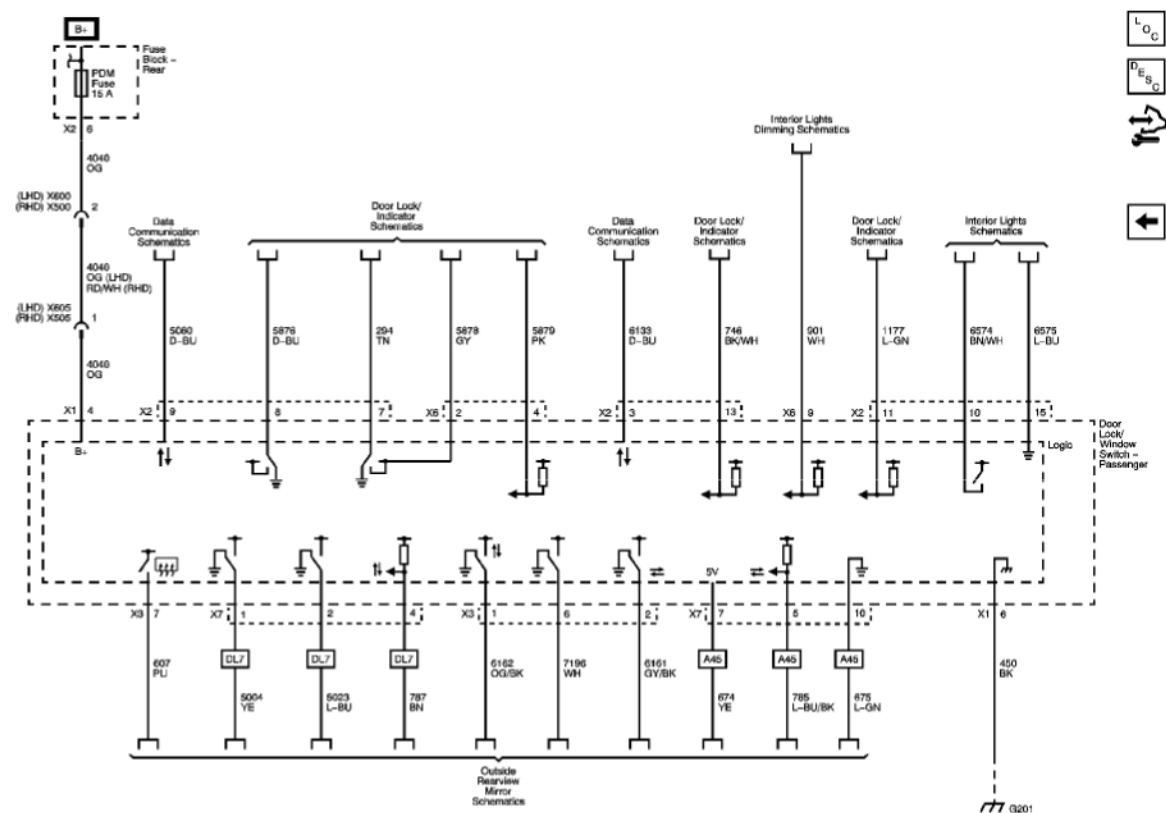
Driver Door Module 1 of 2



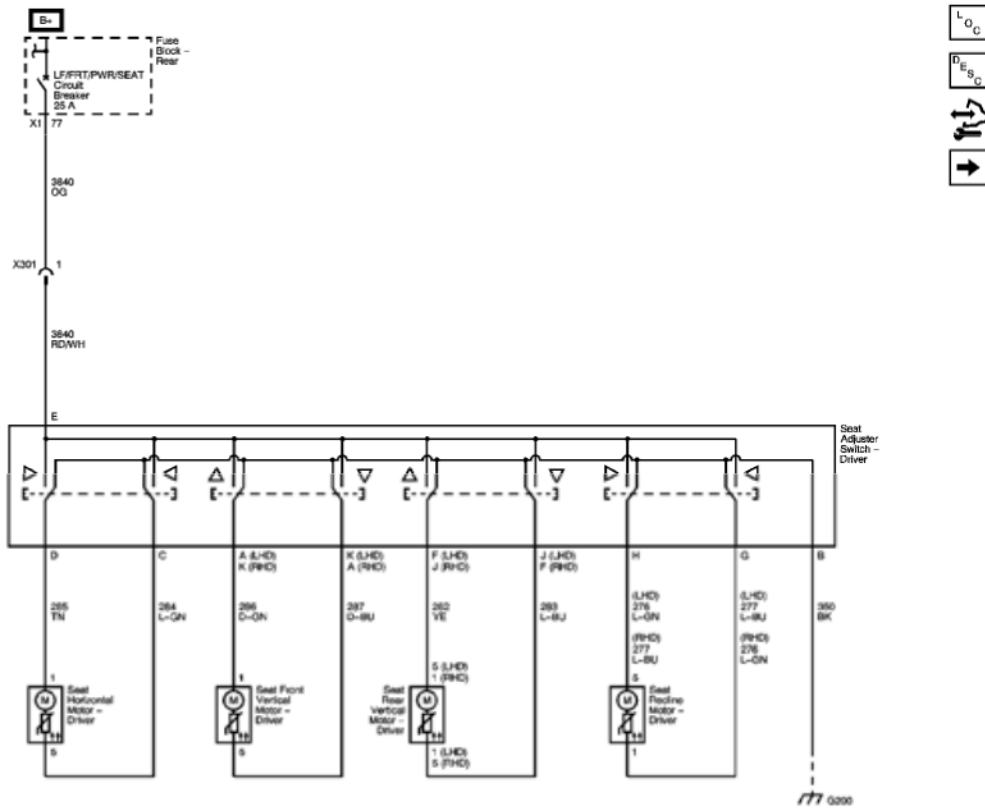
Driver Door Module 2 of 2

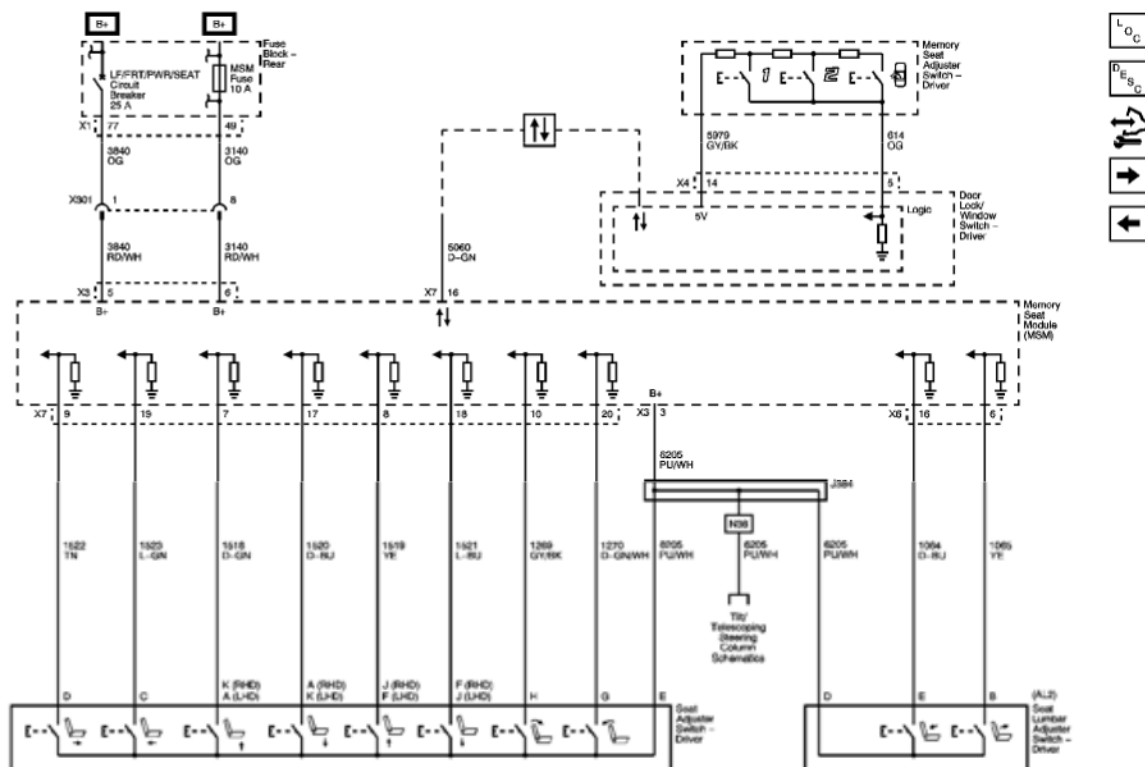


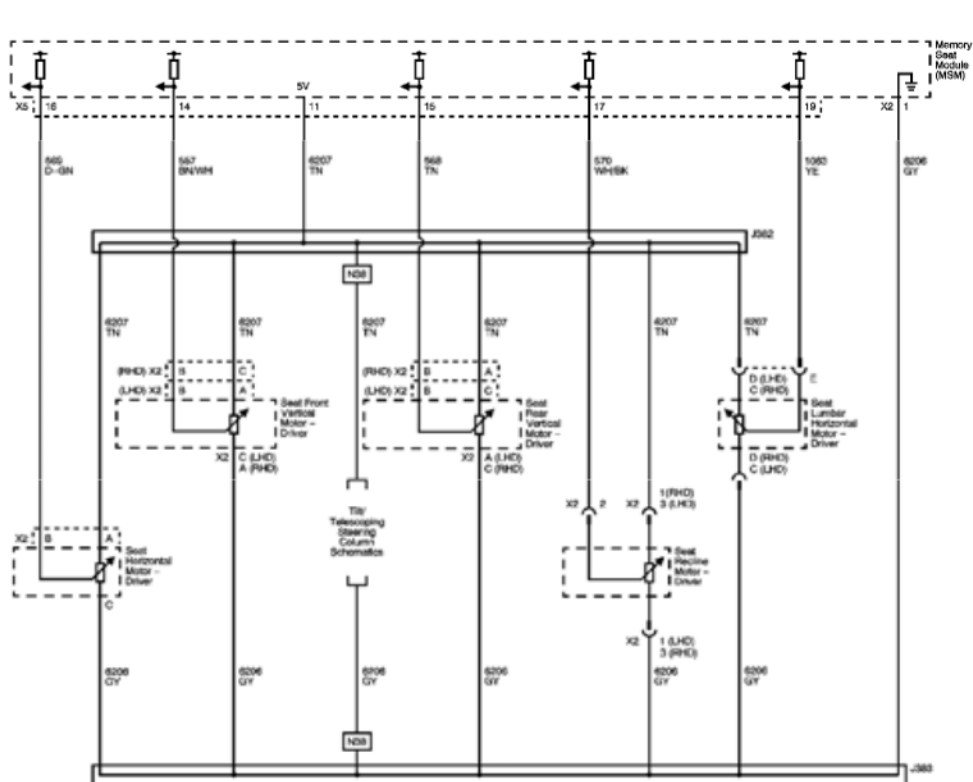
Front Passenger Door Module



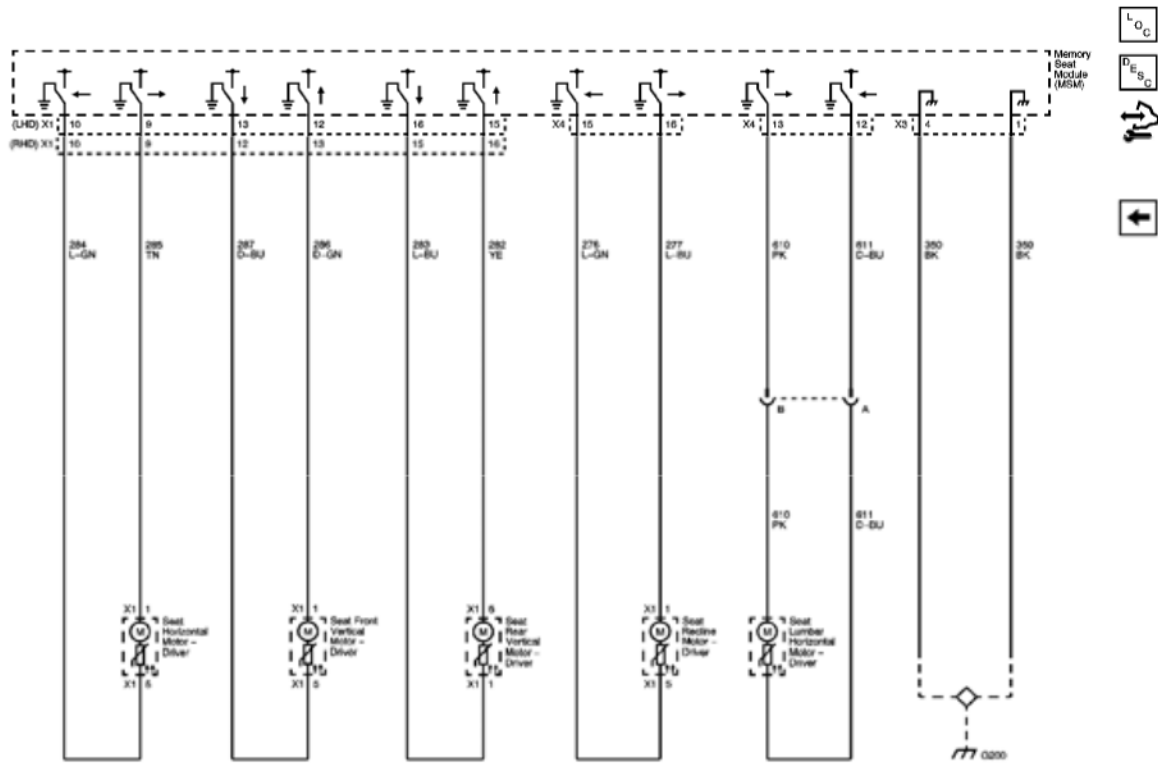
LHD -A45



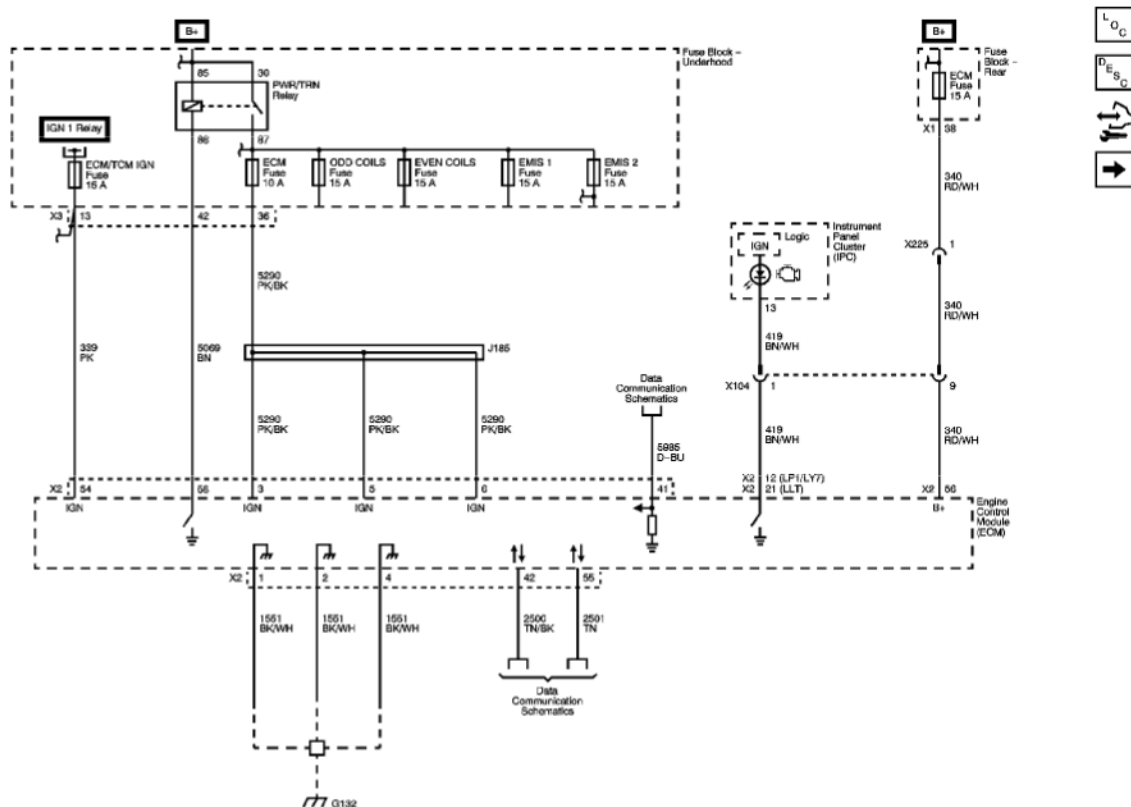




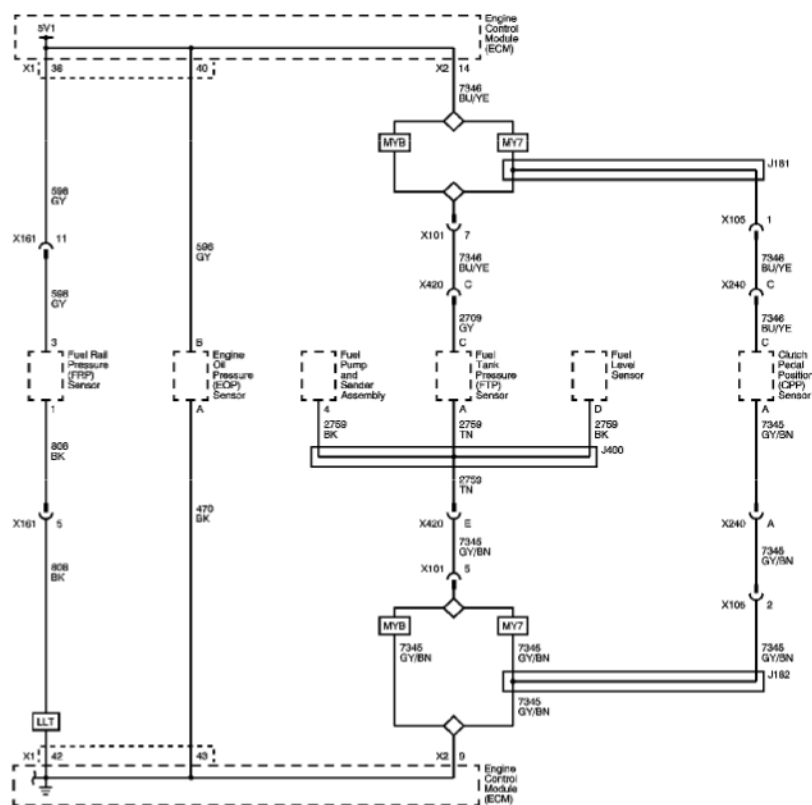
A45 Module Ground, Horizontal, Vertical, Recline and Lumbar Motors



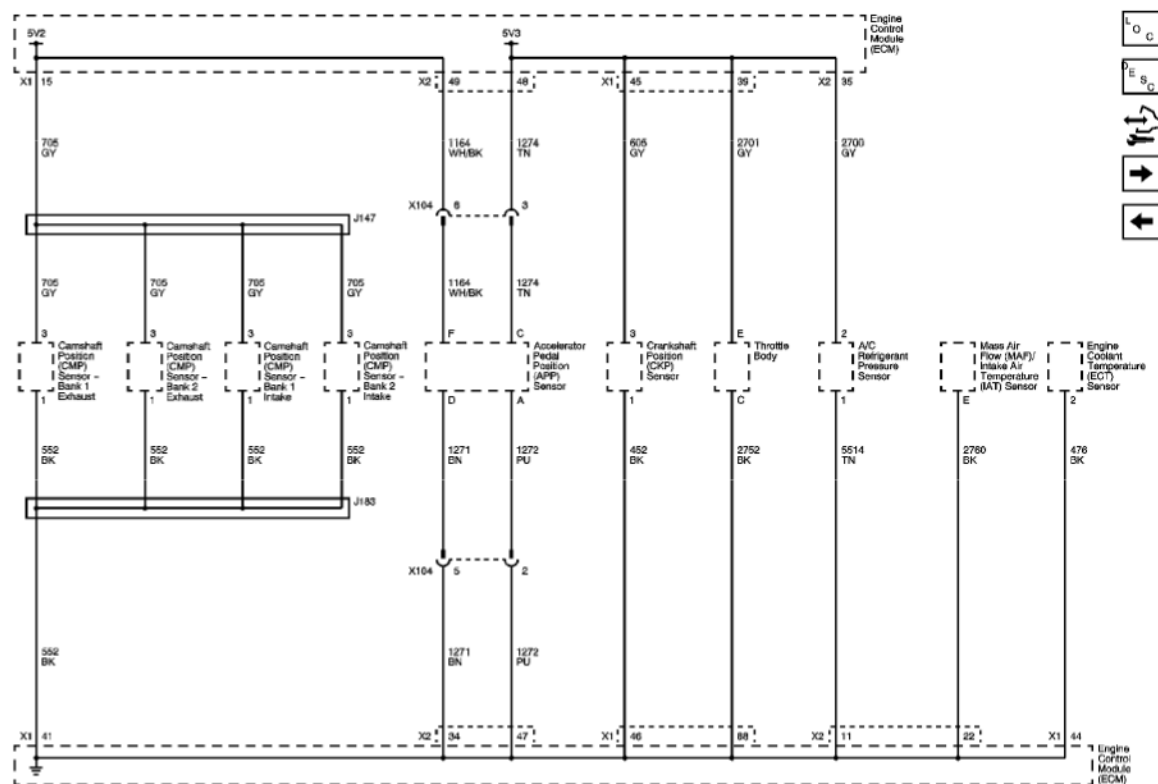
Module Power, Ground, Serial Data and MIL



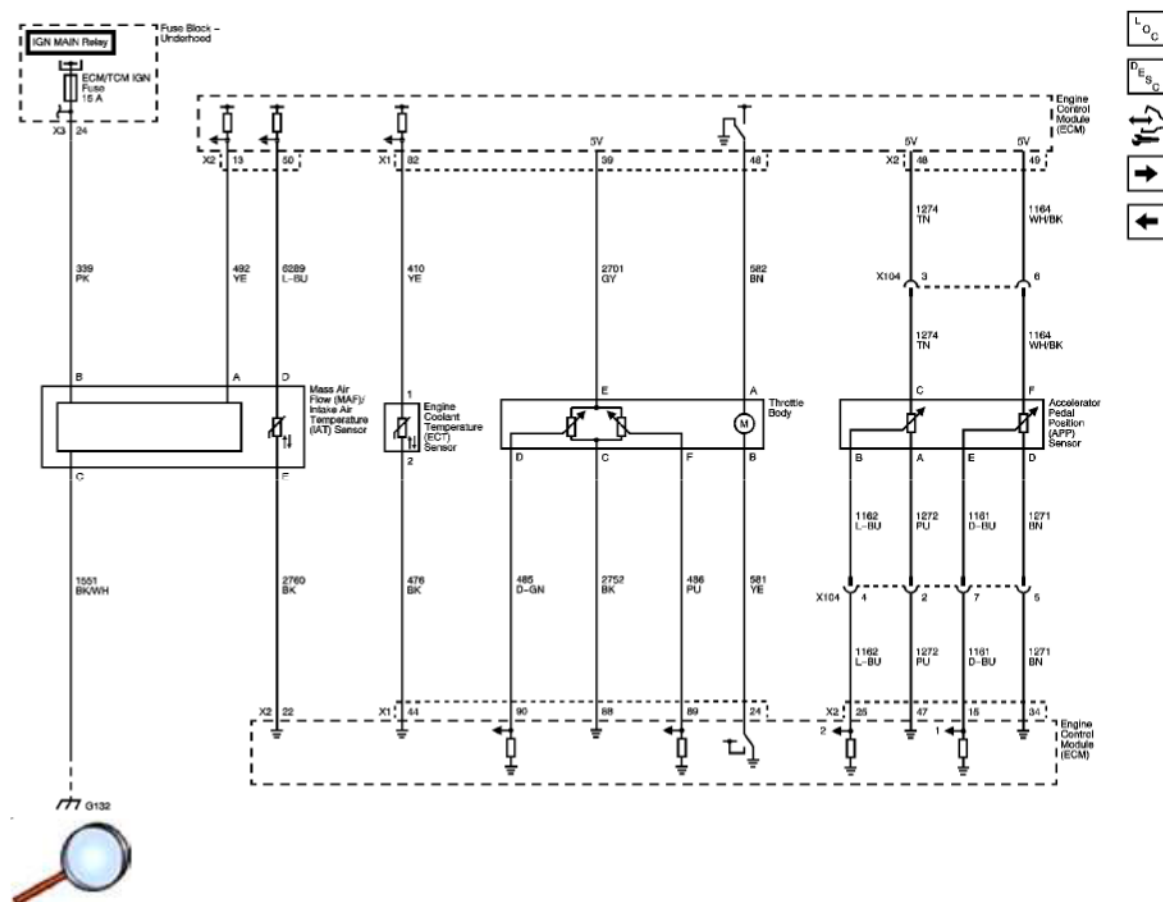
5-Volt and Low Reference - 1 of 2



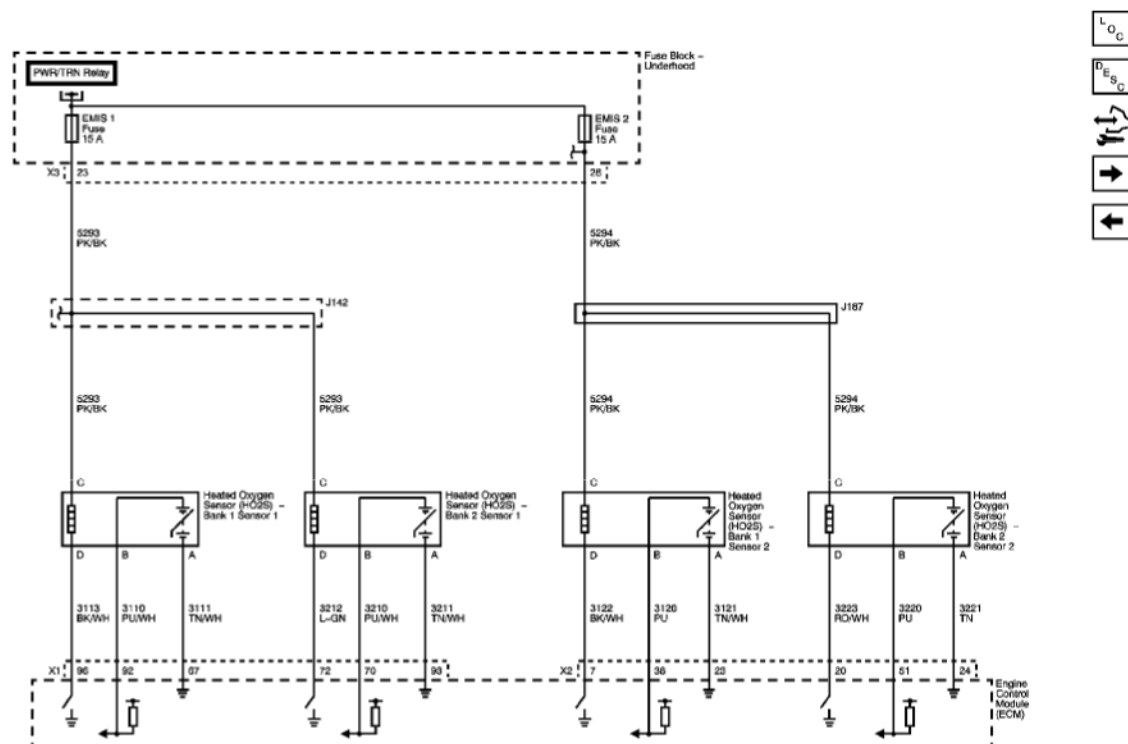
5-Volt and Low Reference - 2 of 2



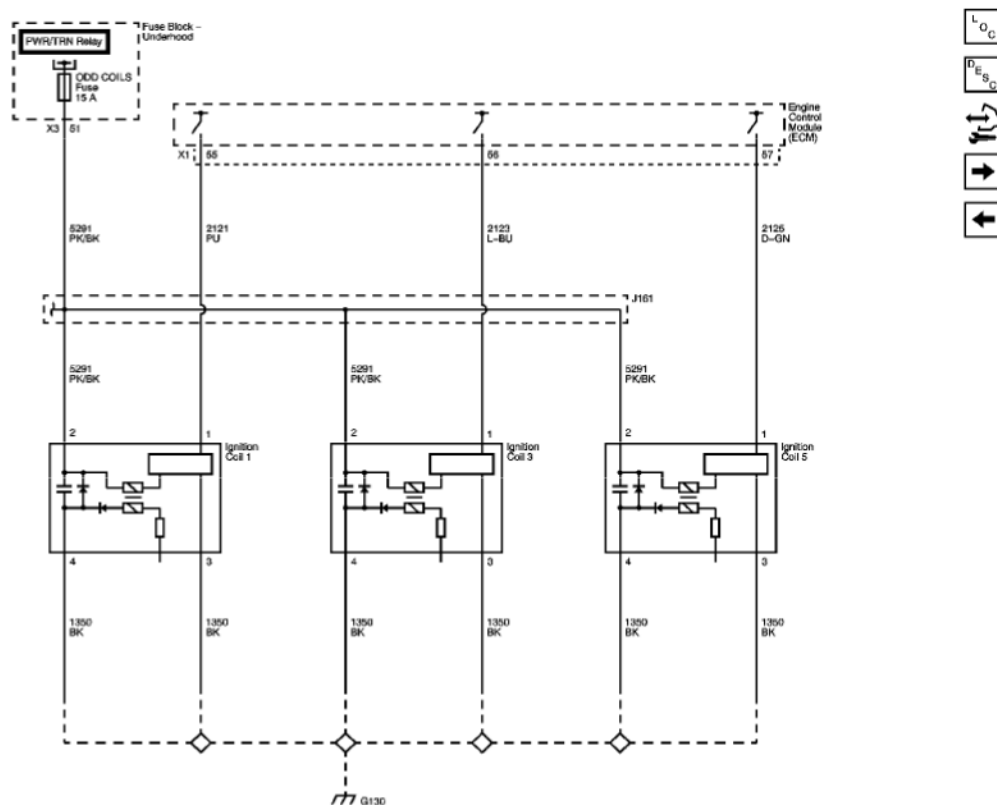
Engine Data Sensors - Pressure, Temperature, and Throttle Controls



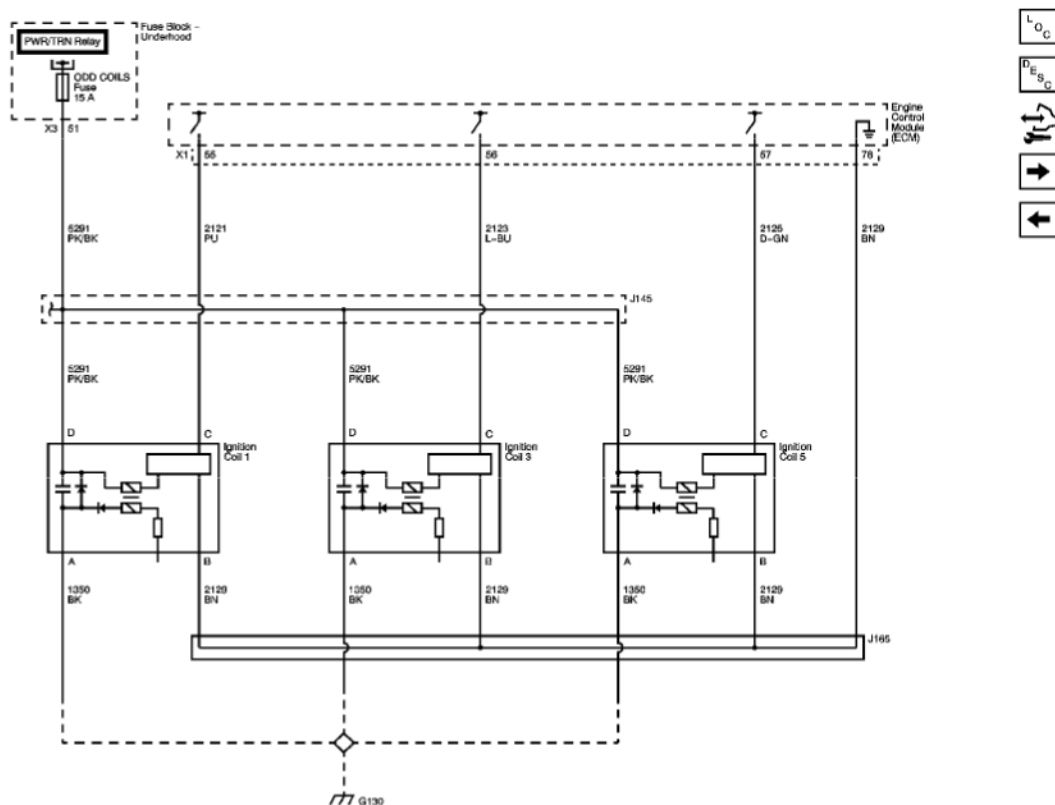
Engine Data Sensors - HO2S



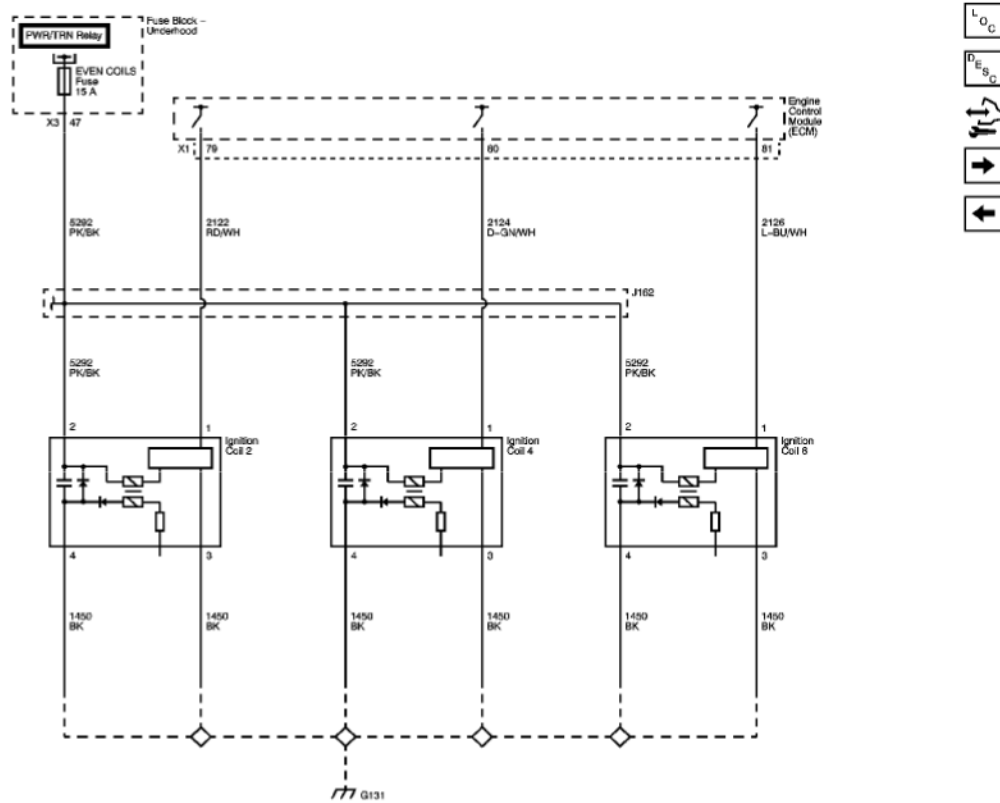
Ignition Controls - Ignition System Coils 1, 3, and 5 - LLT



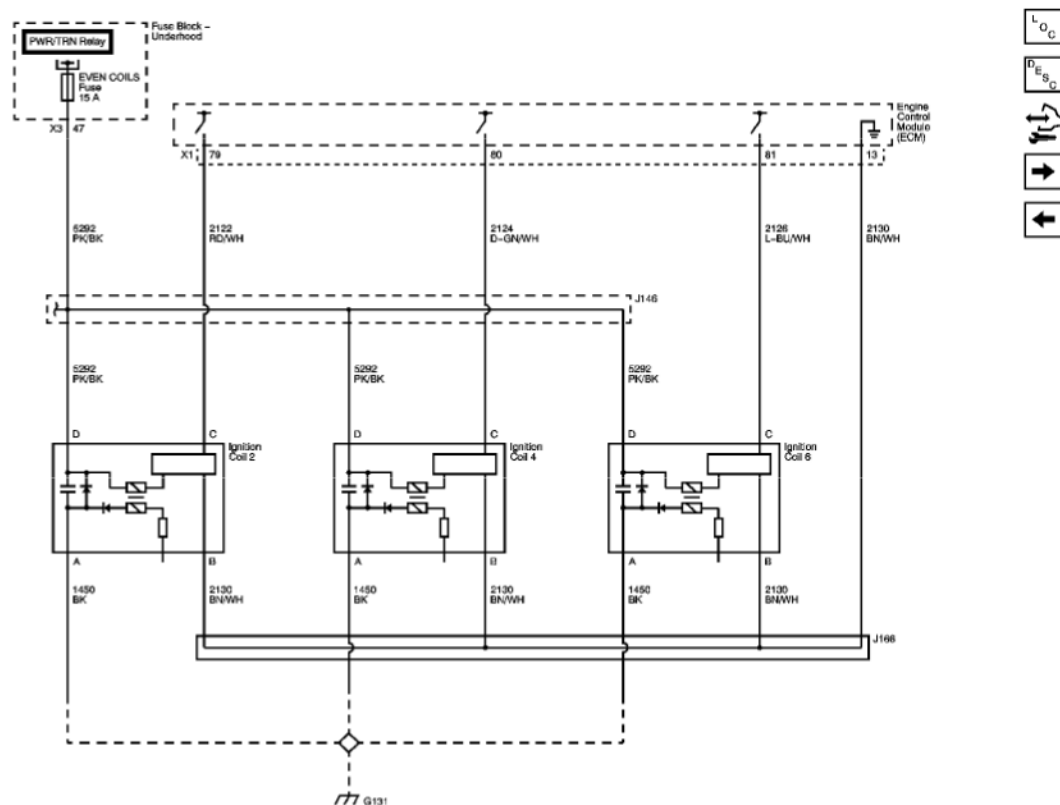
Ignition Controls - Ignition System Coils 1, 3, and 5 - LP1 /LY7



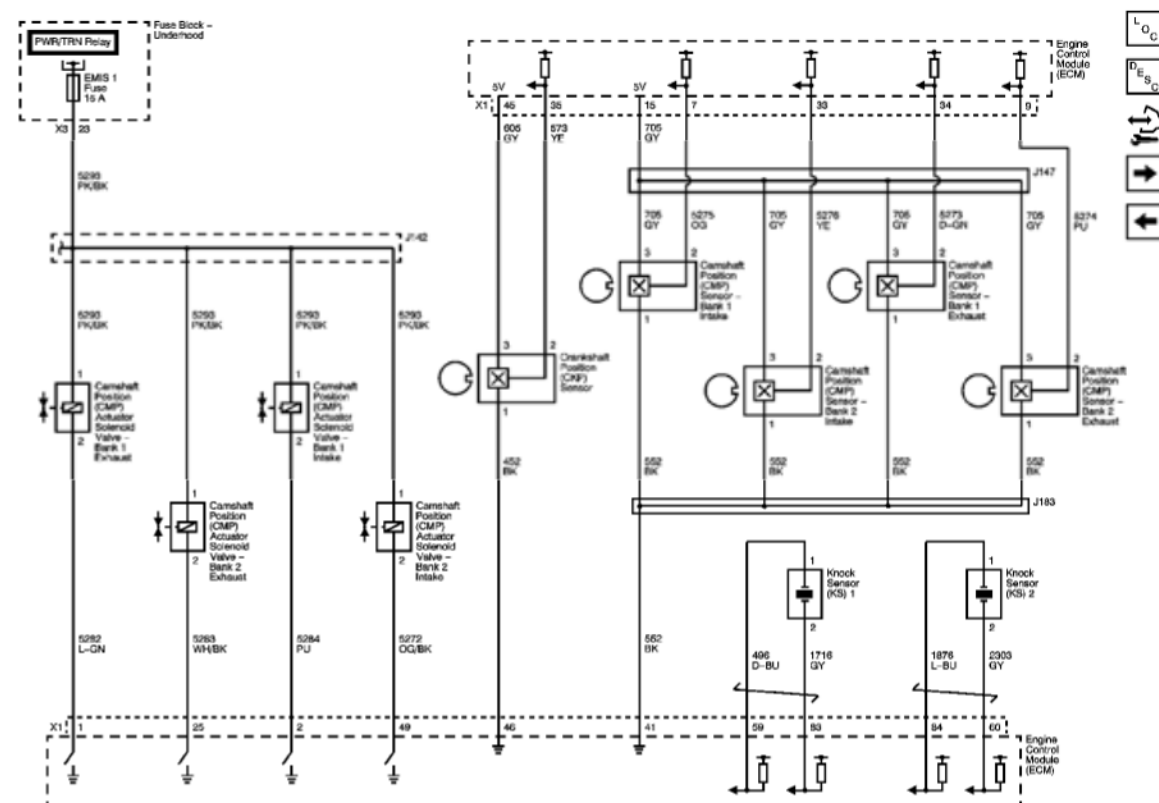
Ignition Controls - Ignition System Coils 2, 4, and 6 - LLT



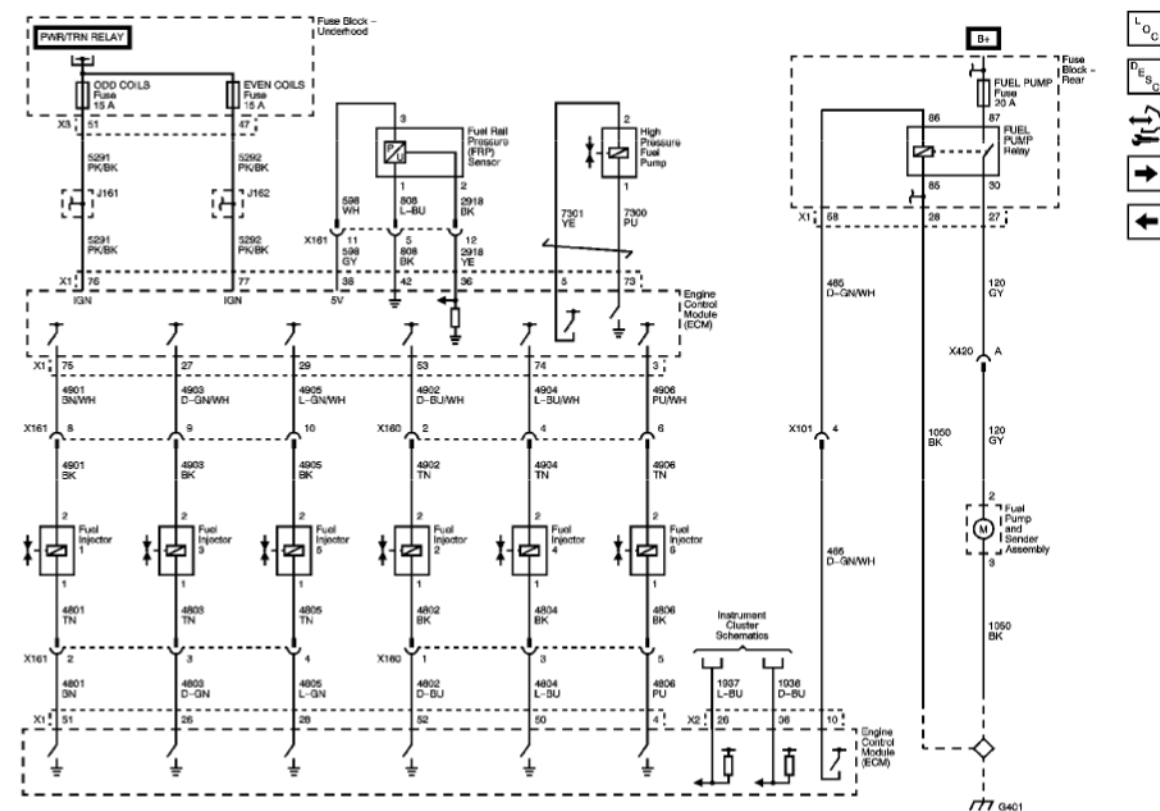
Ignition Controls - Ignition System Coils 2, 4, and 6 - LP1 /LY7



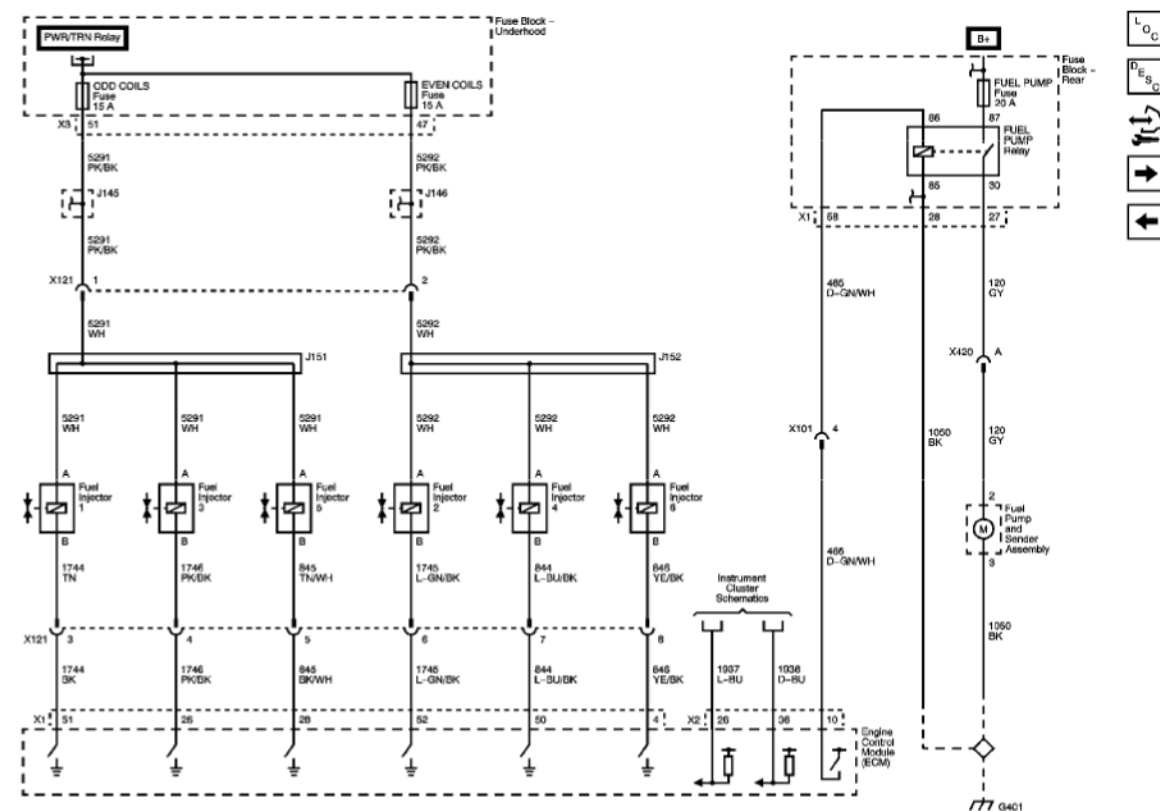
Ignition Controls - Sensors



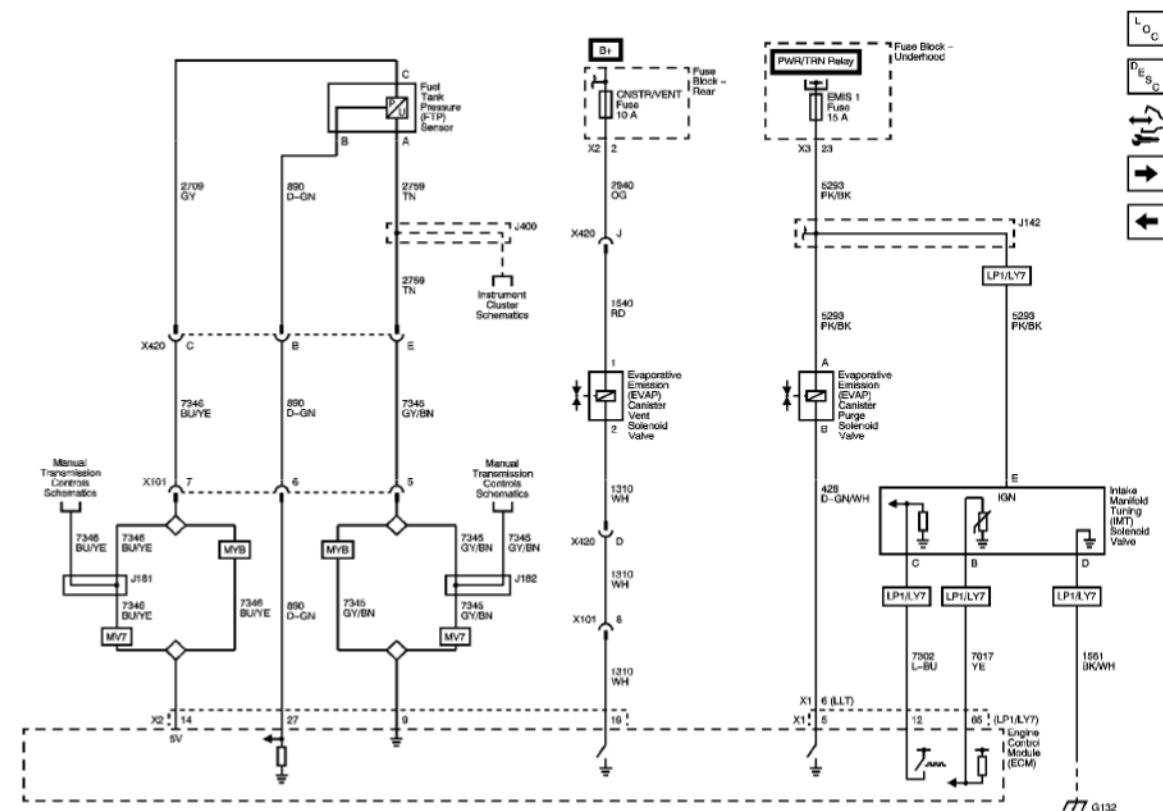
Fuel Controls - Fuel Injectors, Pressure and Fuel Pump Controls - LLT



Fuel Controls - Fuel Injectors and Fuel Pump Controls - LP1 / LY7

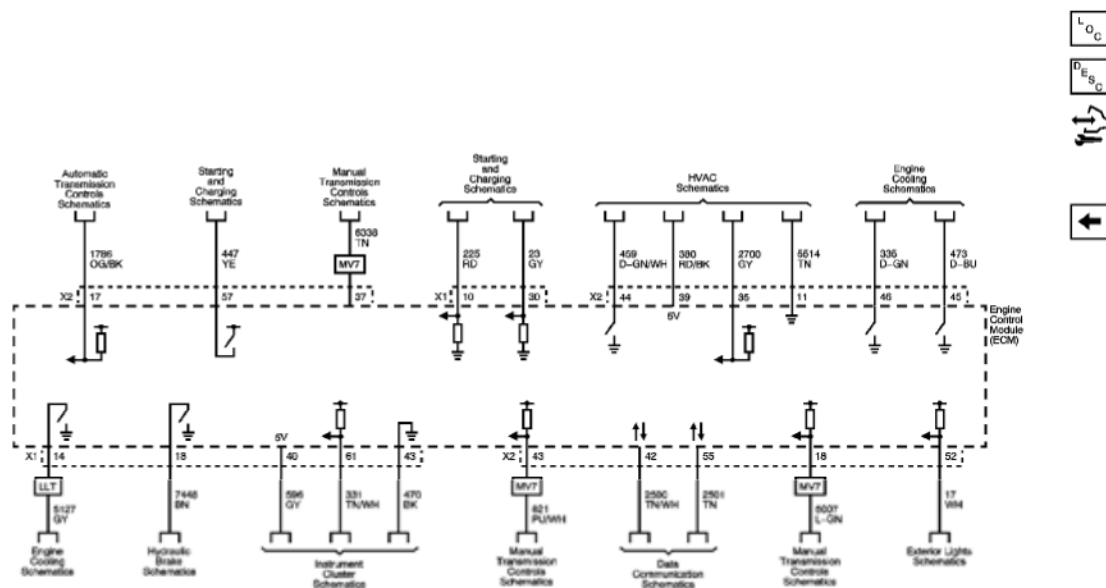


Fuel Controls - EVAP Controls and Manifold Tuning

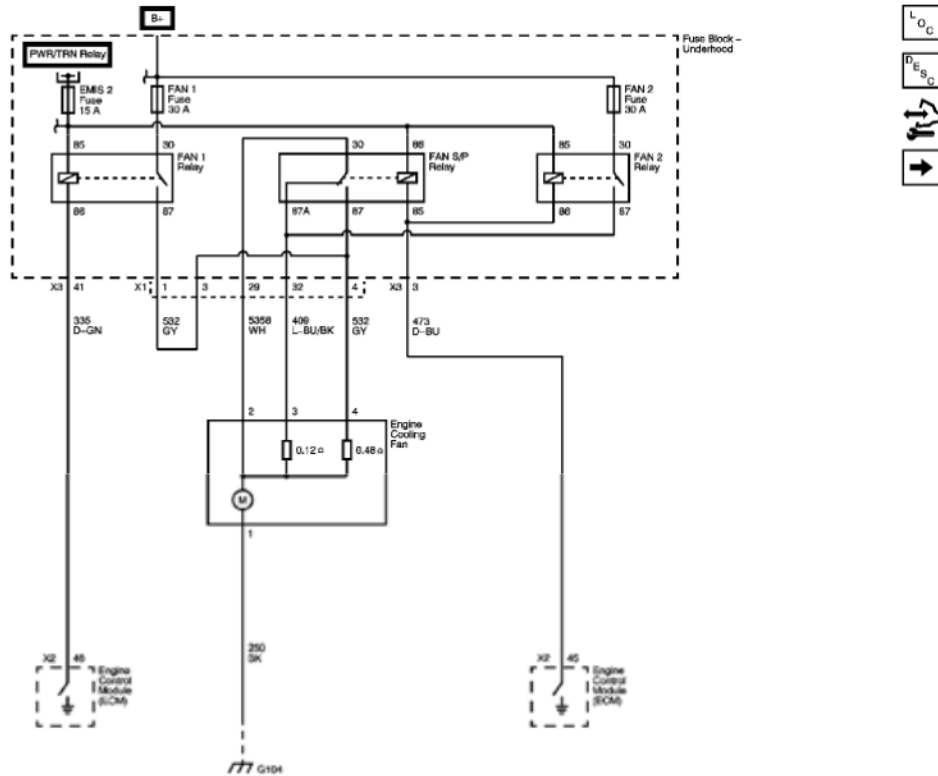


[2009 Cadillac CTS](#) | [CTS \(VIN D\) Service Manual](#) | [Engine](#) | [Engine Controls and Fuel - 2.8L, 3.0L, 3.2L, or 3.6L](#) | [Schematic and Routing Diagrams](#) | **Document ID: 2088173**

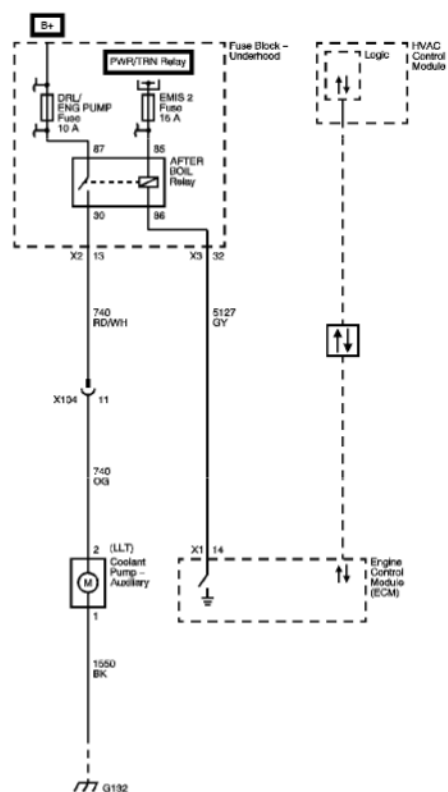
Monitored/Controlled Subsystem References



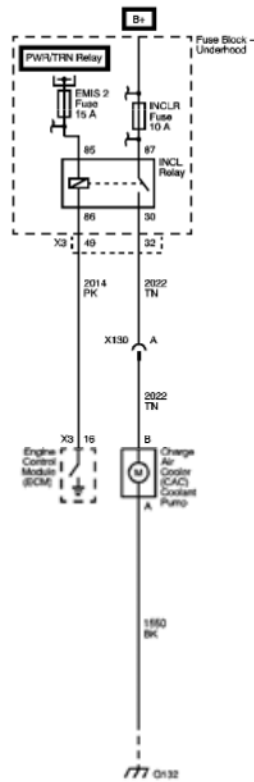
Cooling



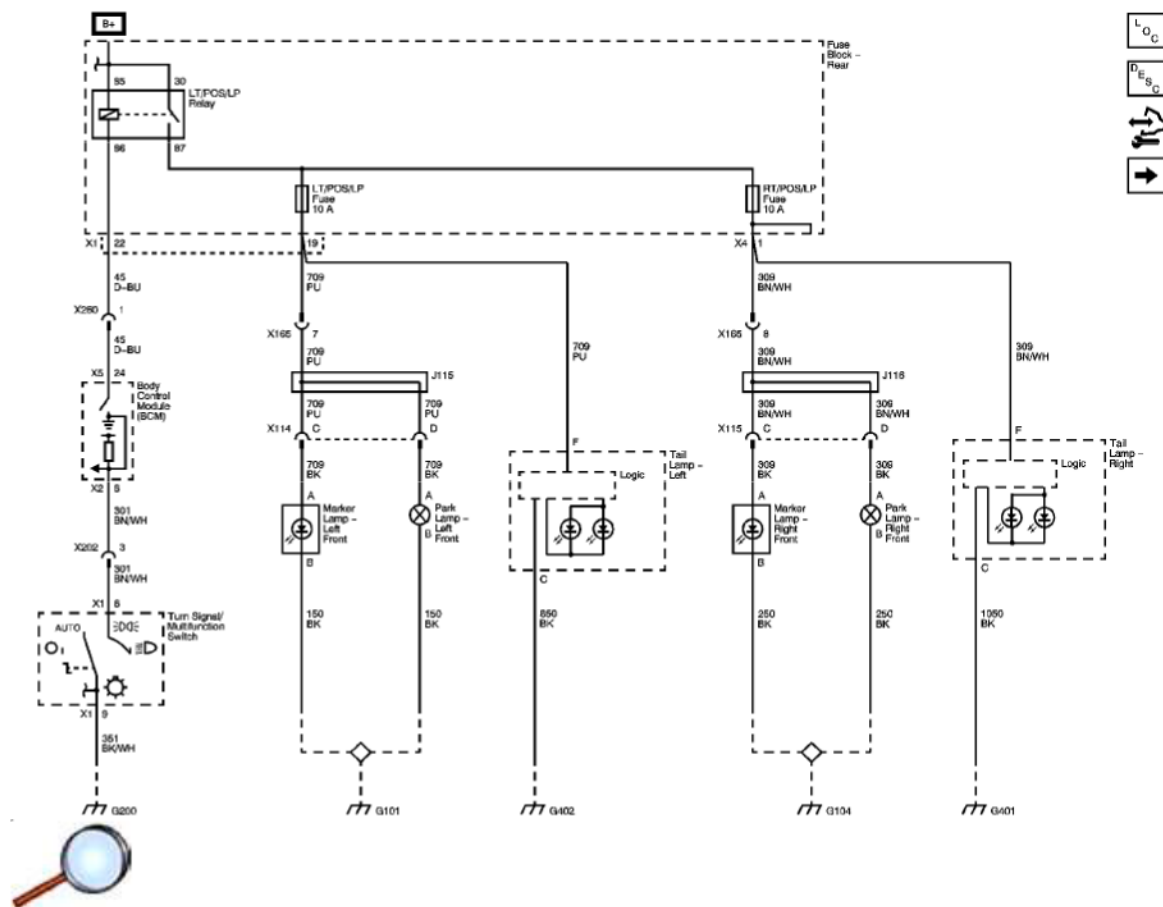
Engine Cooling After Boil Pump (LLT)



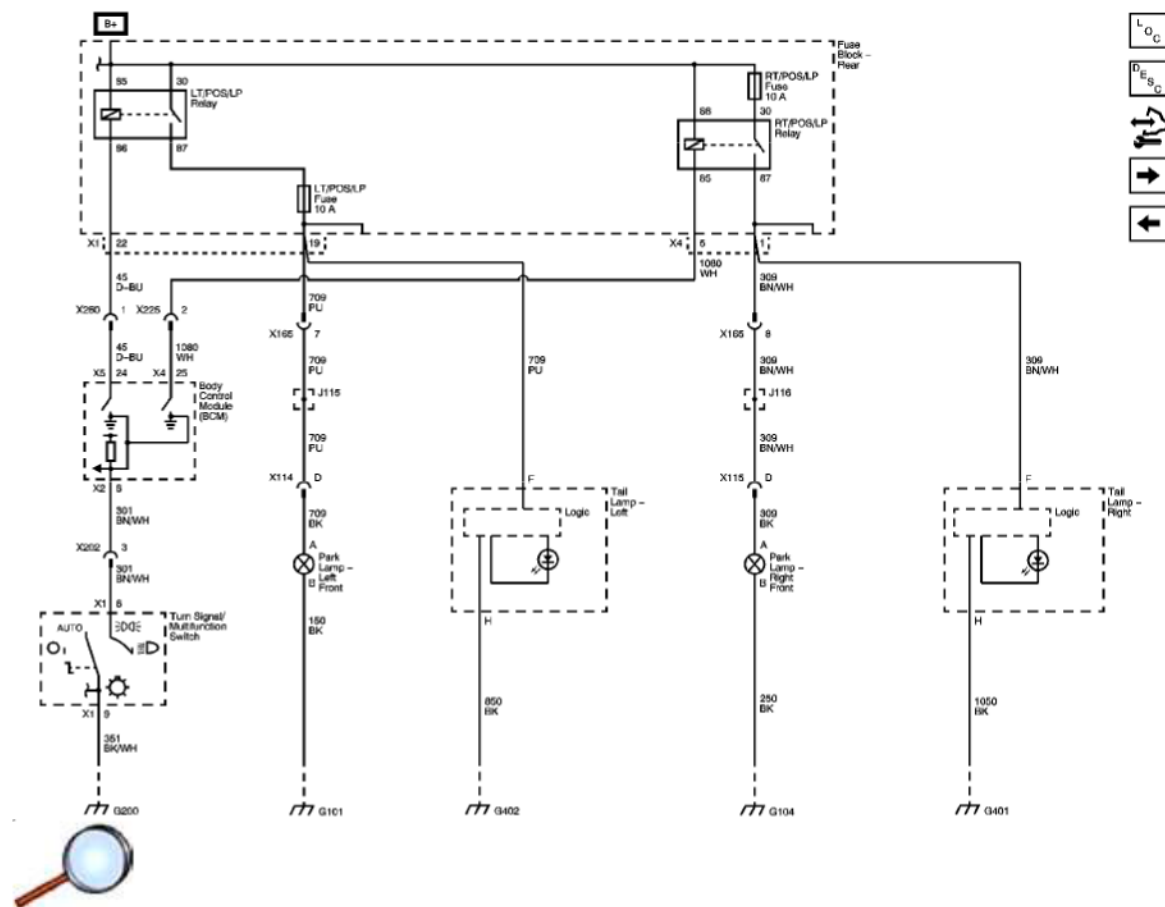
Intercooler Coolant Pump (LSA)

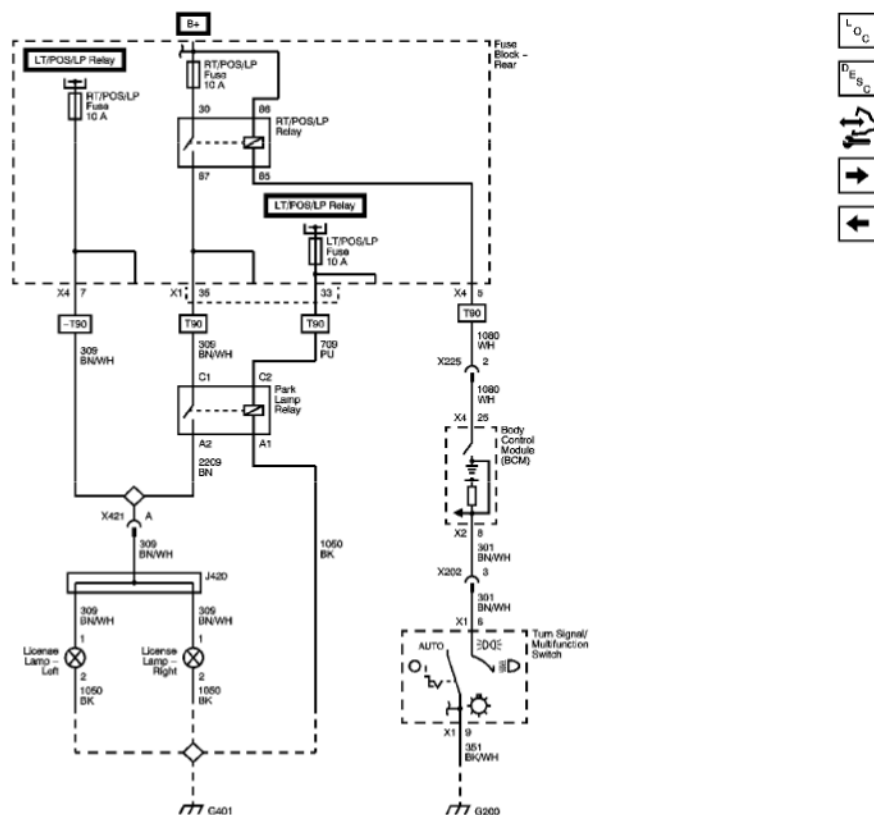
L_OGD_EB_G

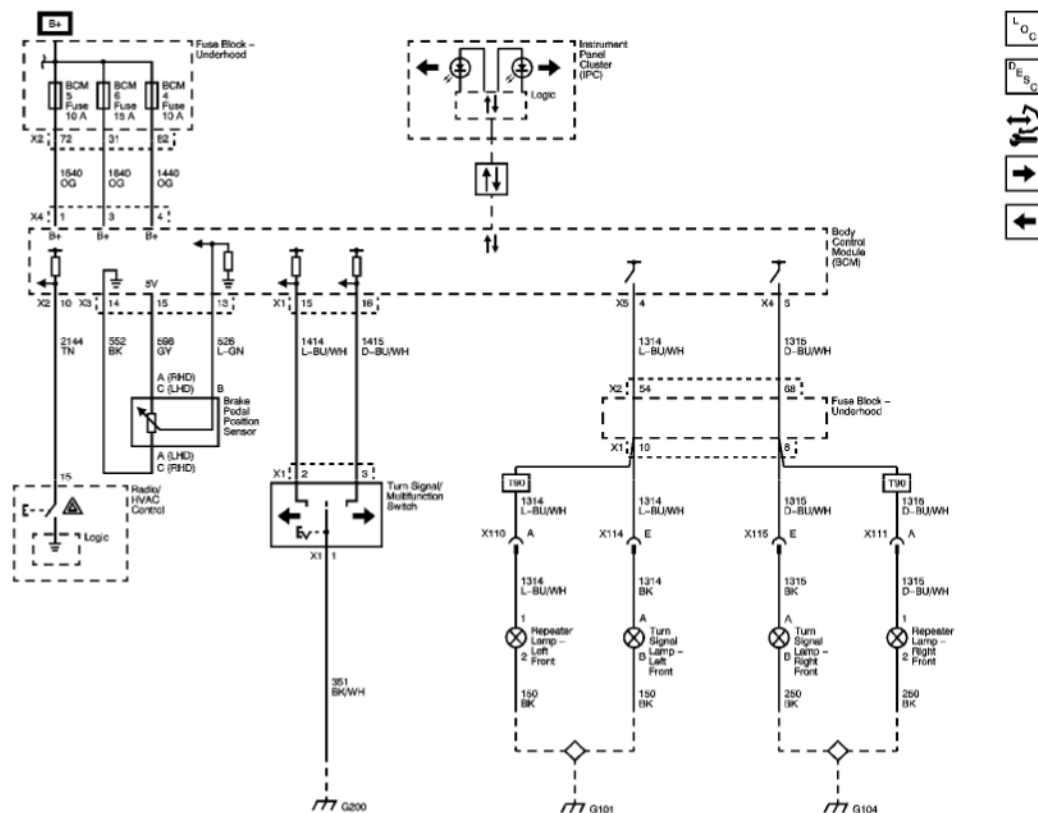
Park Lamps -T90 (1 of 7)



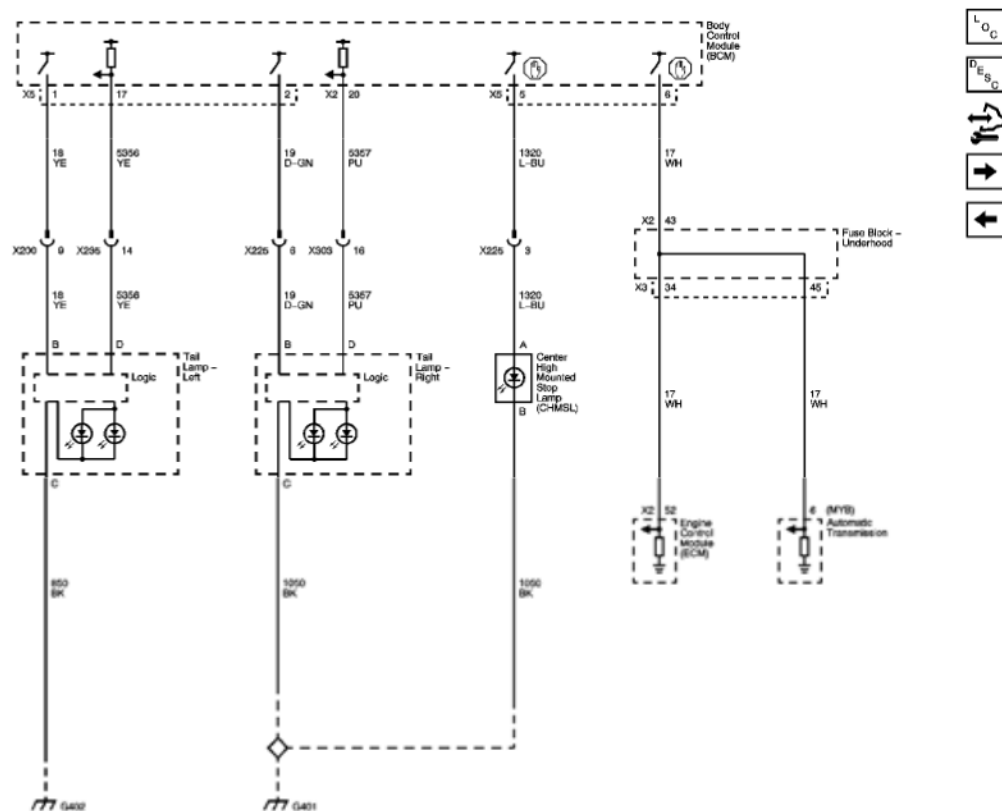
Park Lamps + T90 (2 of 7)



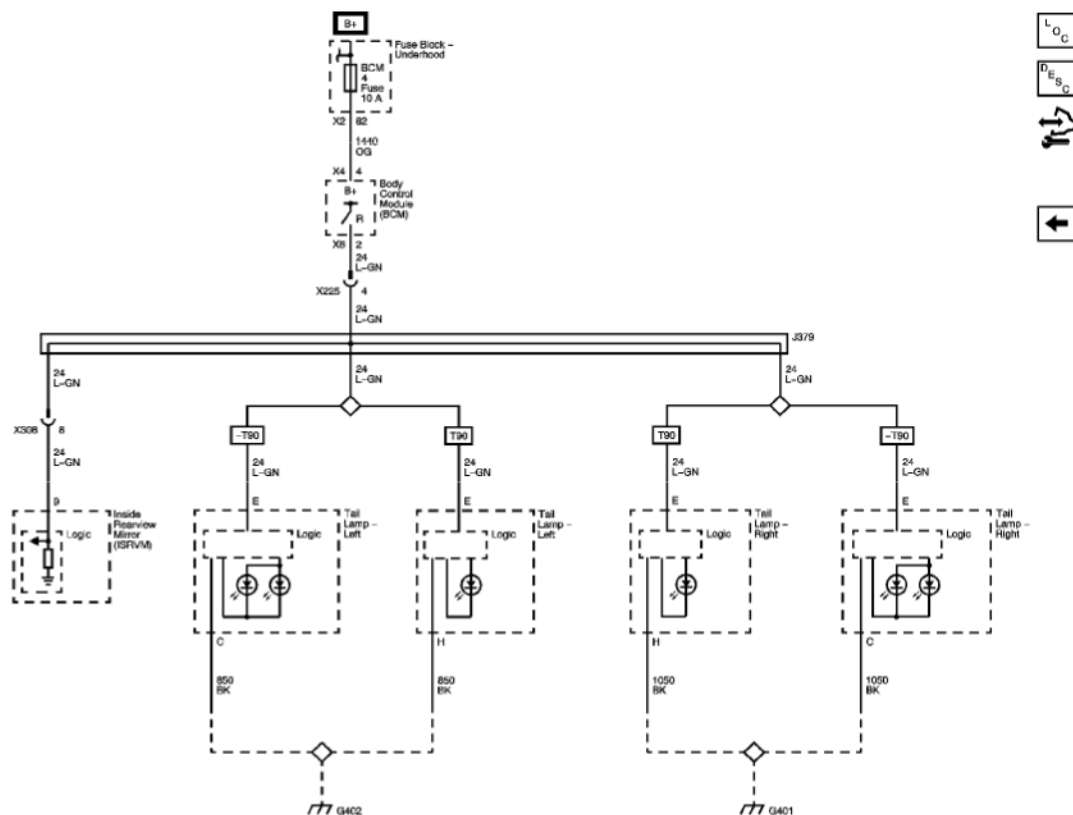


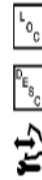
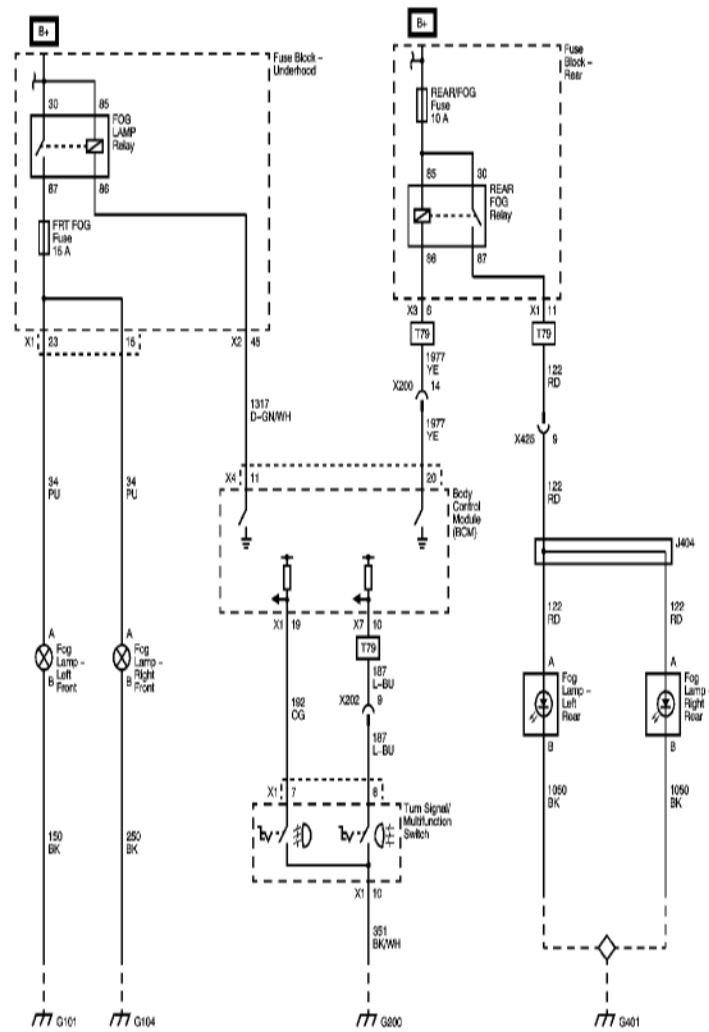
Stop / Turn Signal Lamps Controls and Indicators and Front Lamps (4 of 7)

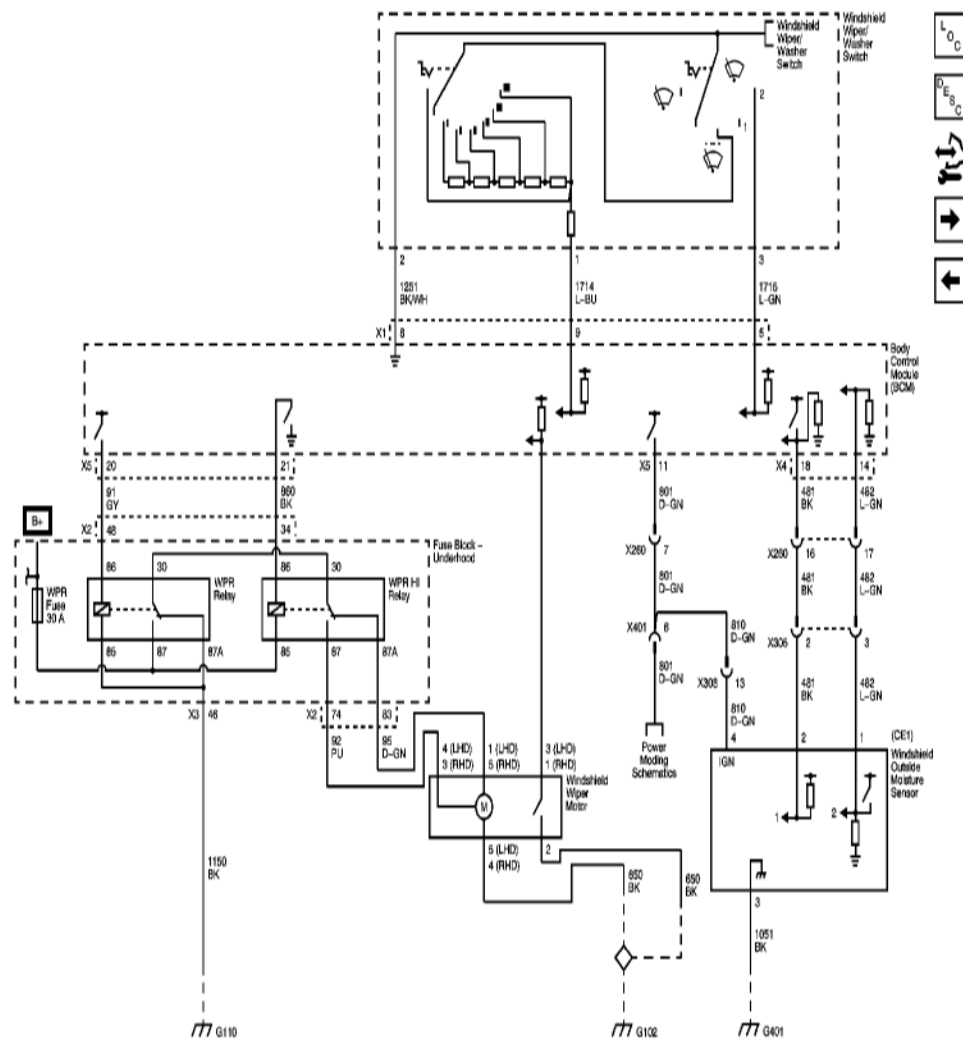
Stop / Turn Signal Lamps Rear -T90 (5 of 7)



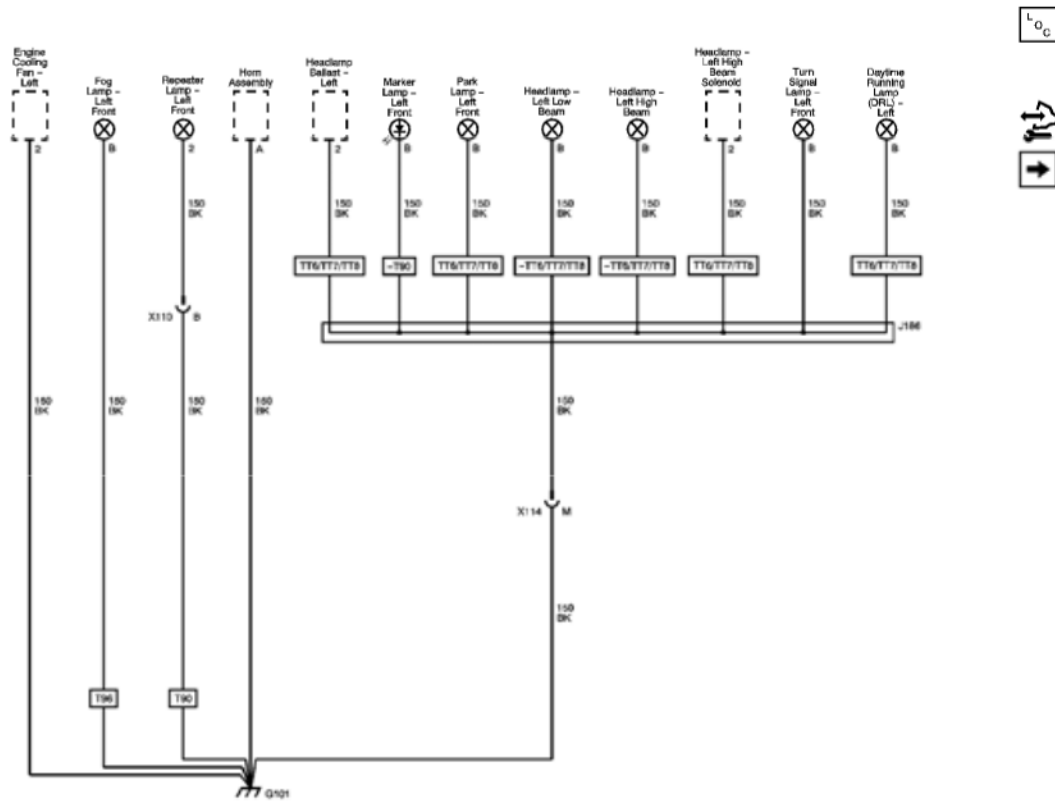
Backup Lamps (7 of 7)



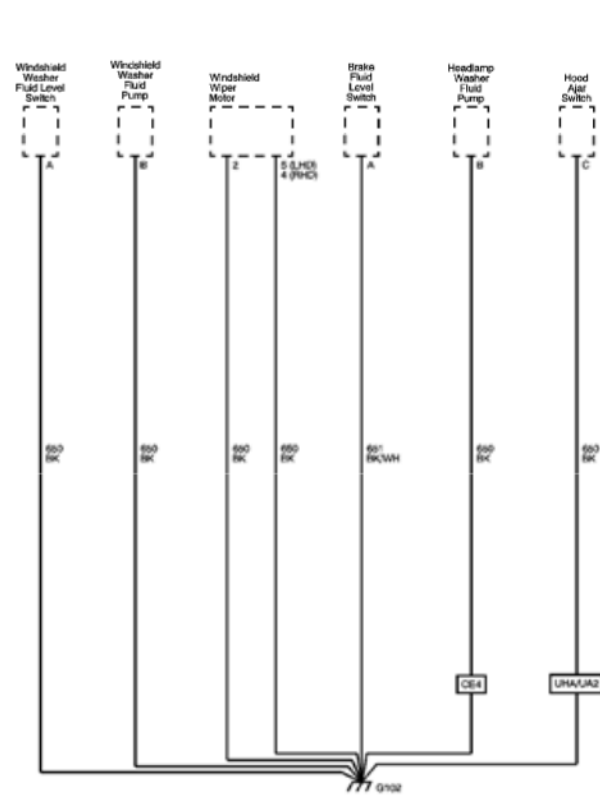




G101



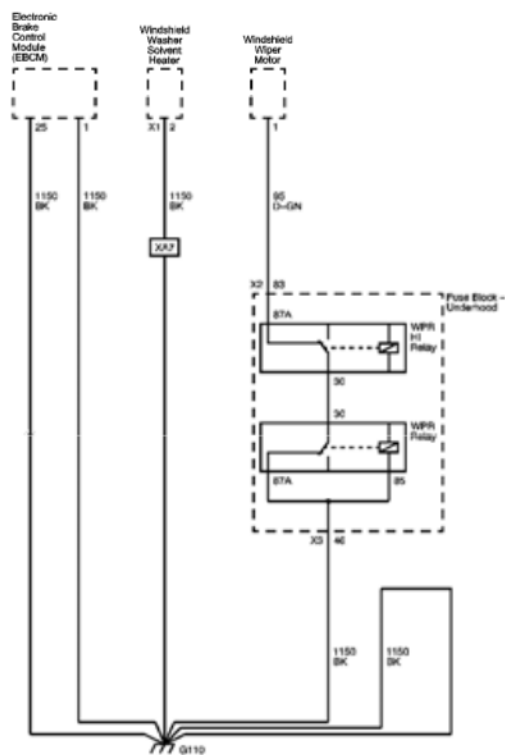
G102



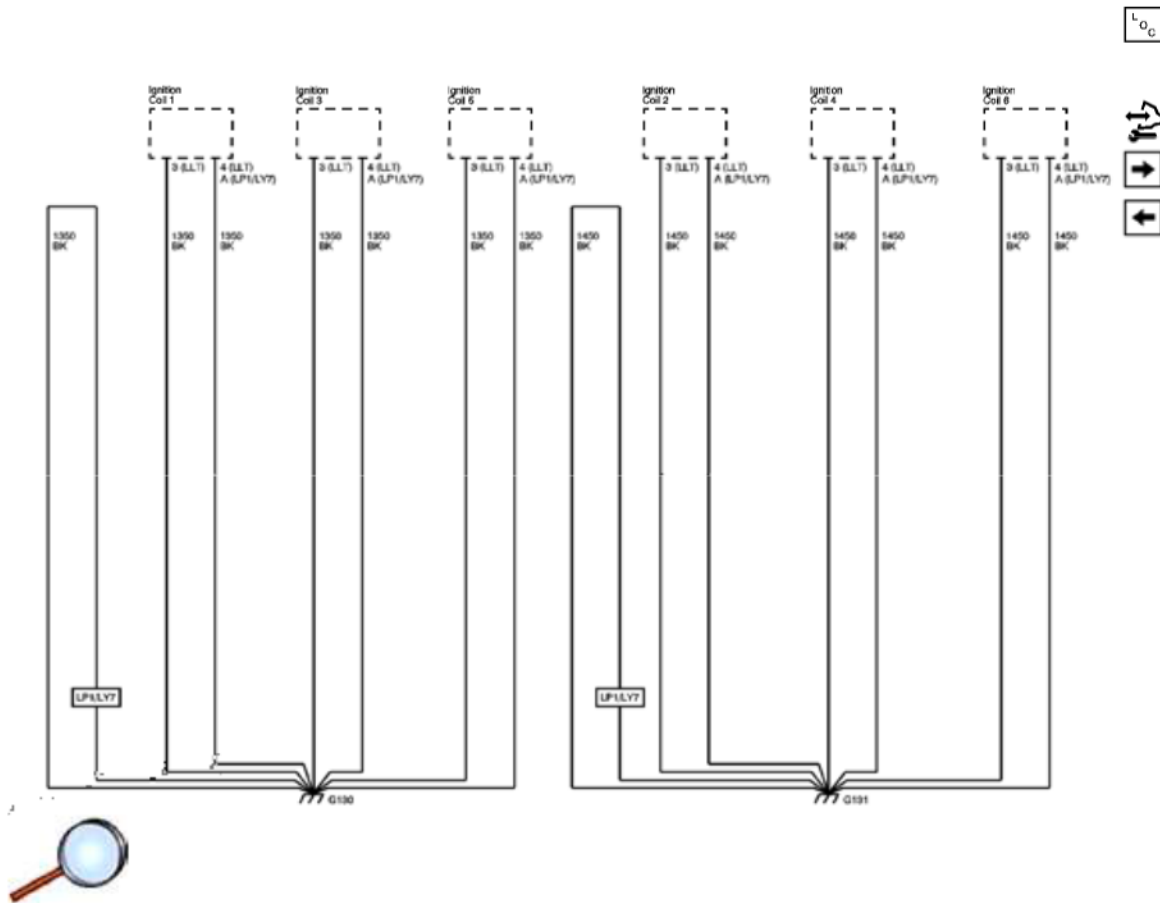
L_OC



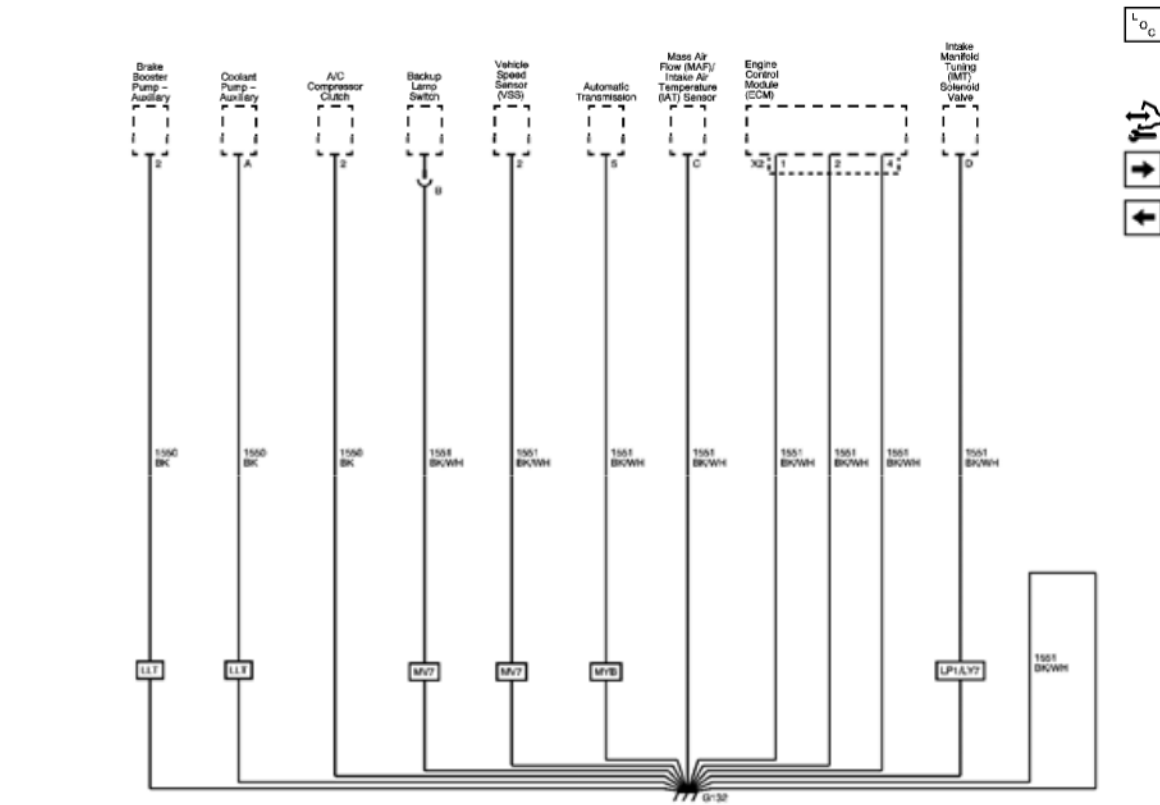




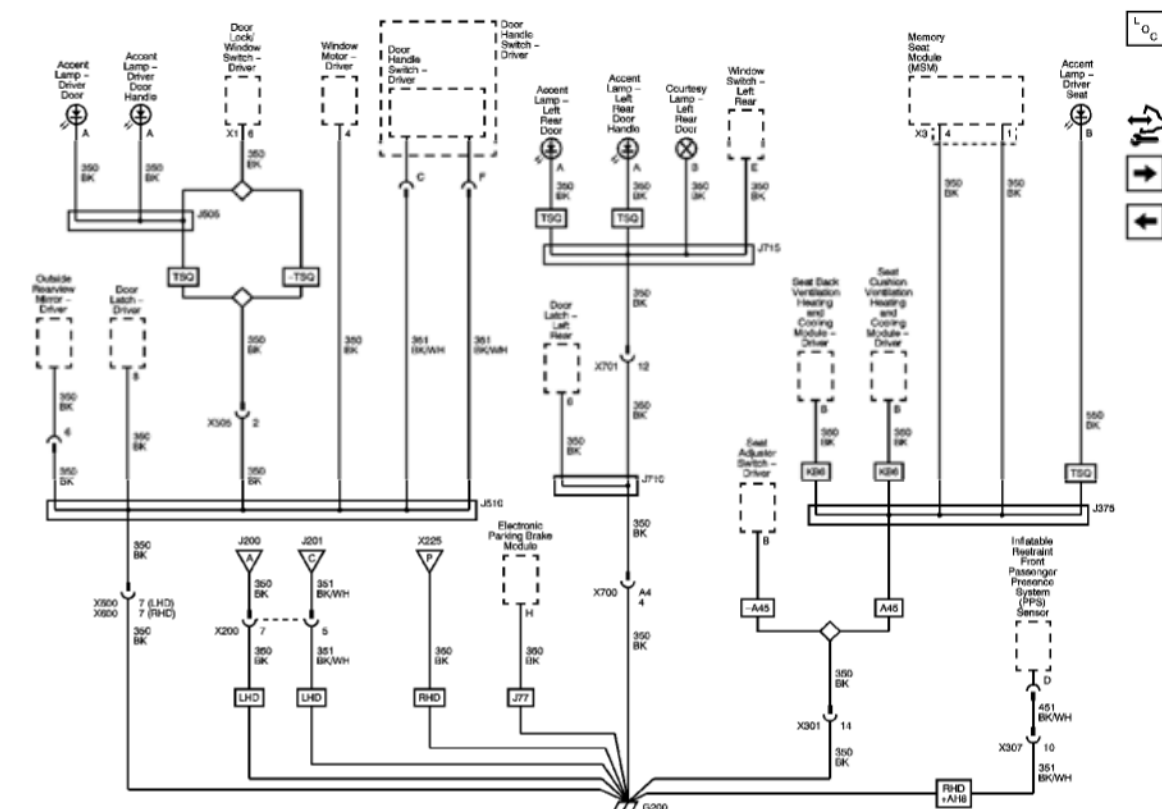
G130 and G131



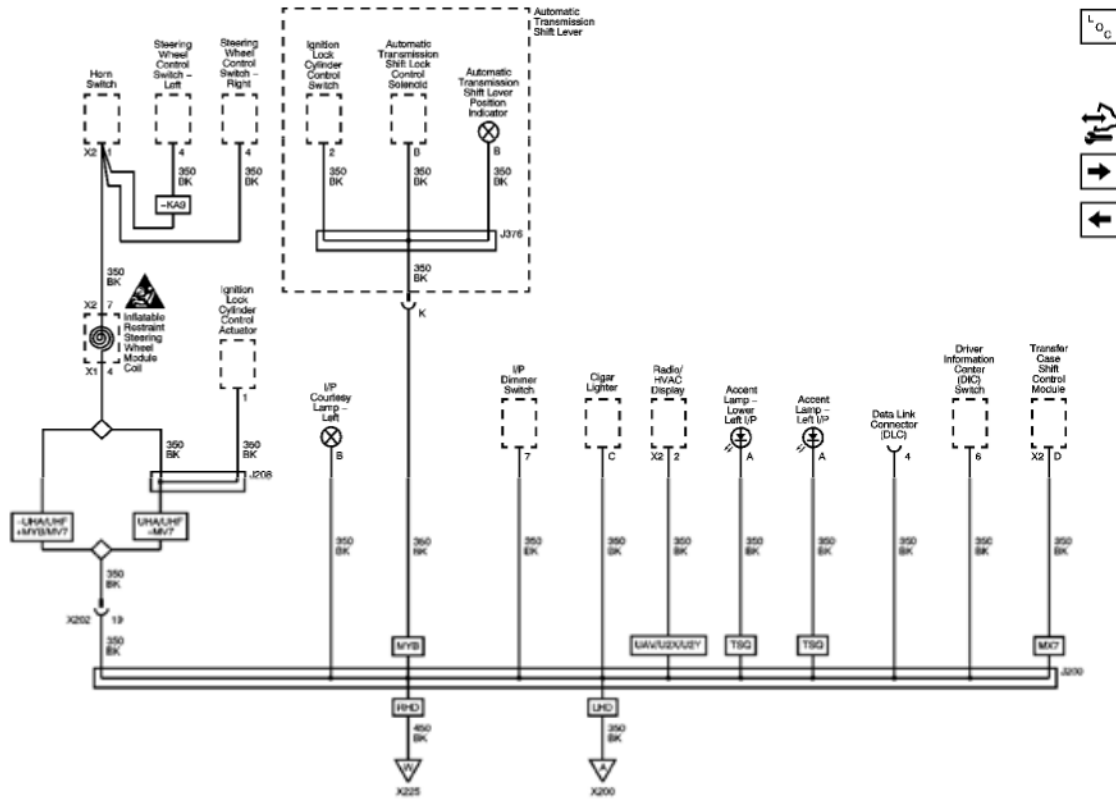
G132

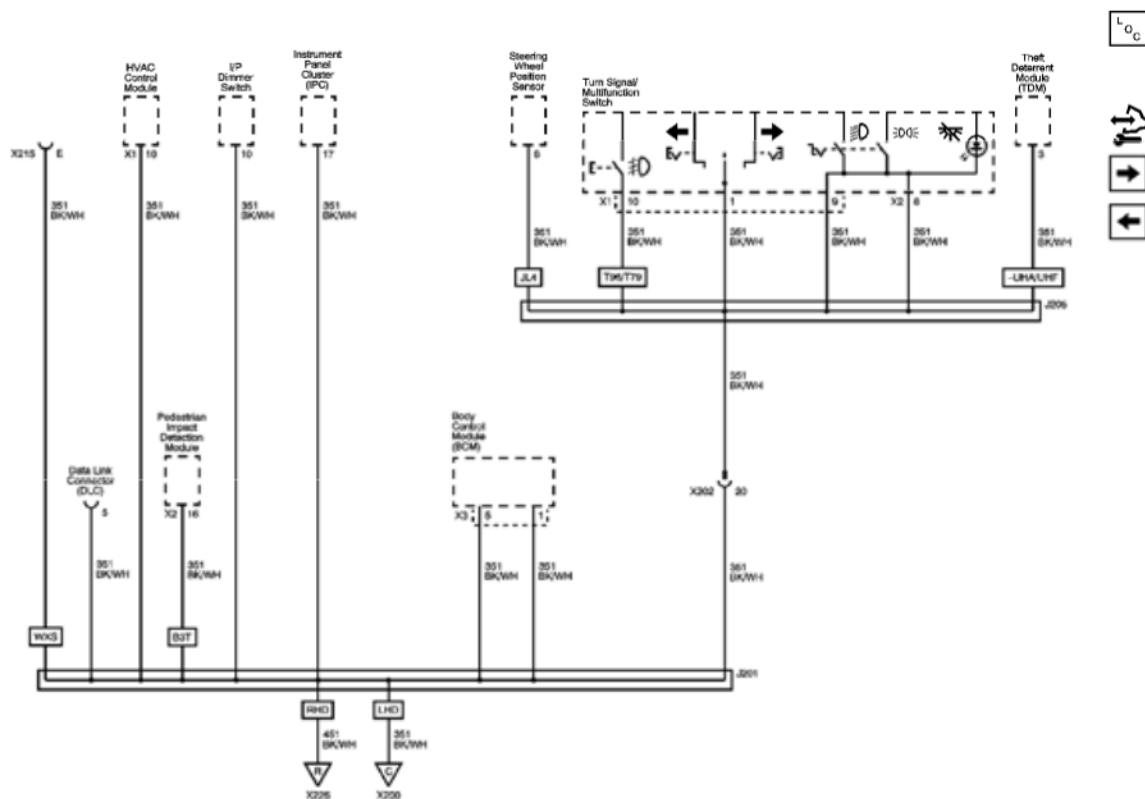


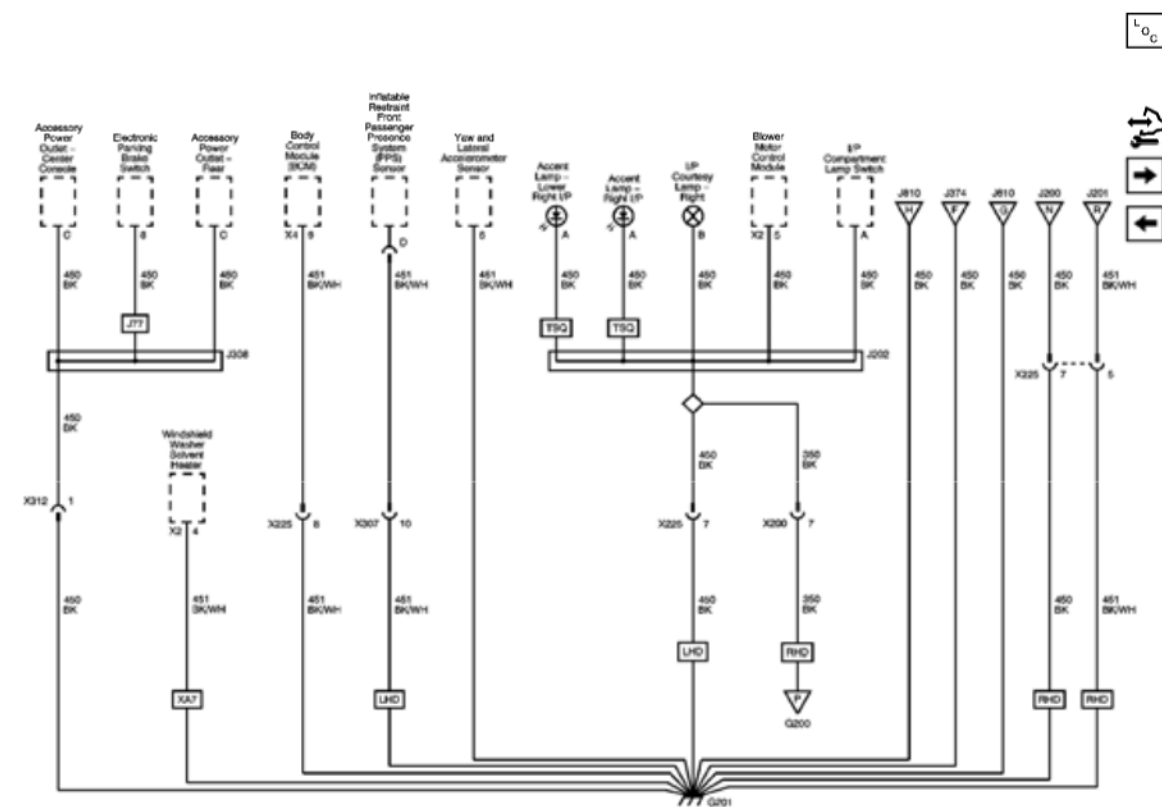
G200 (1 of 3)



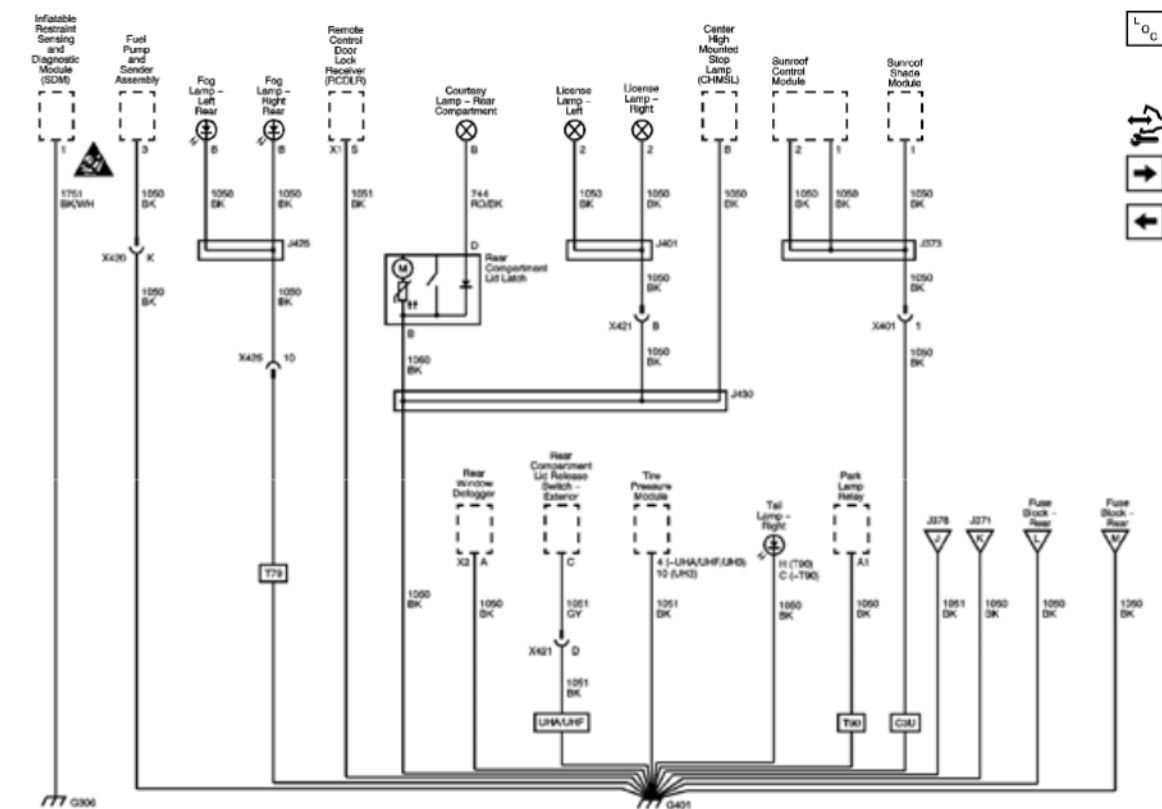
G200 (2 of 3)

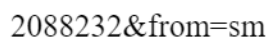




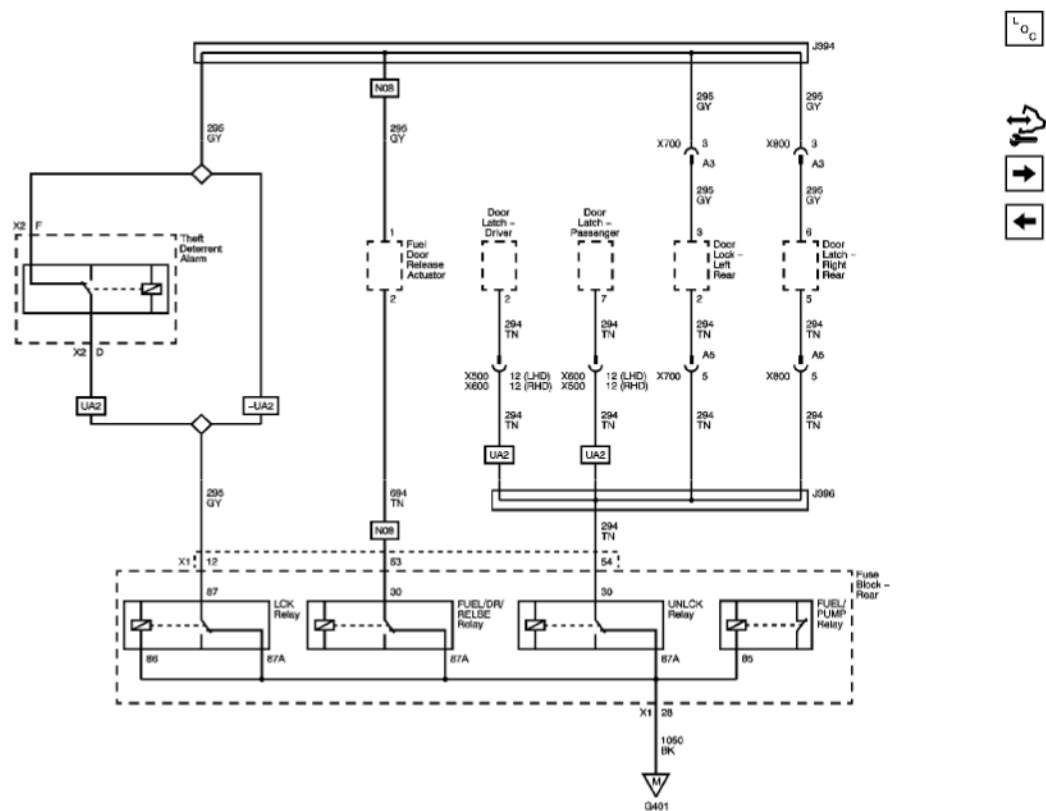


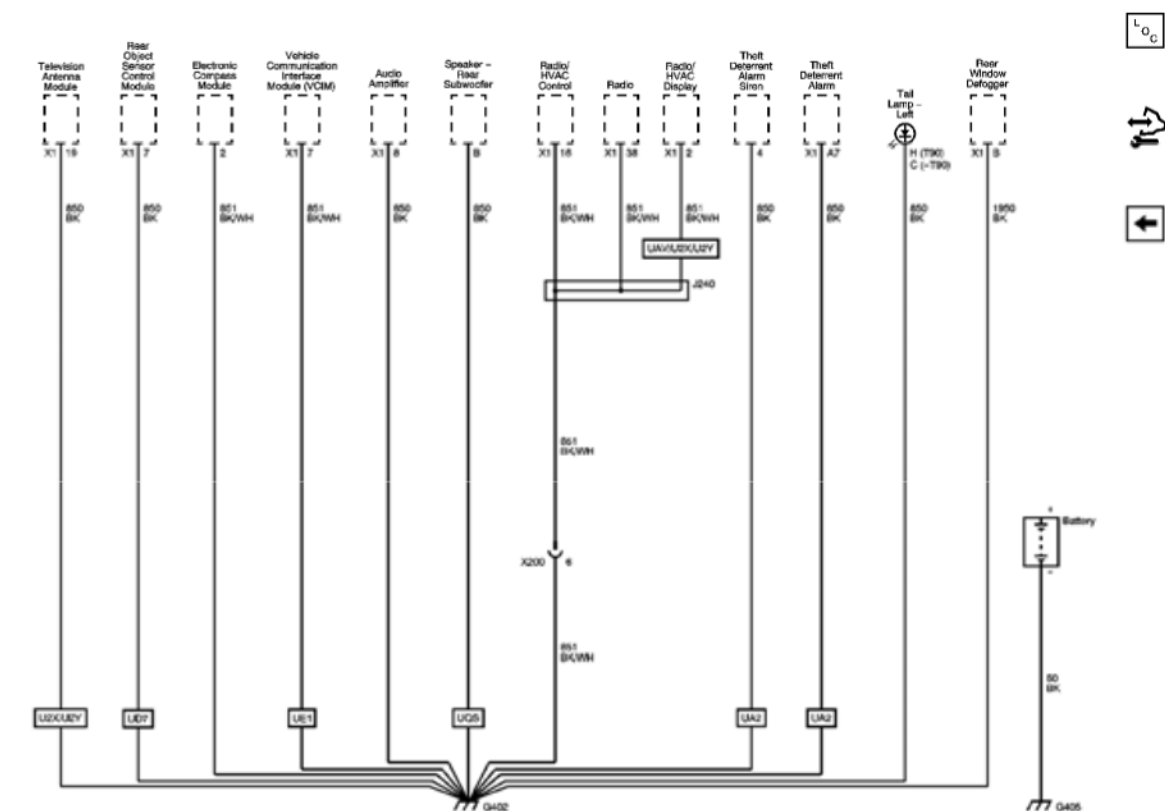






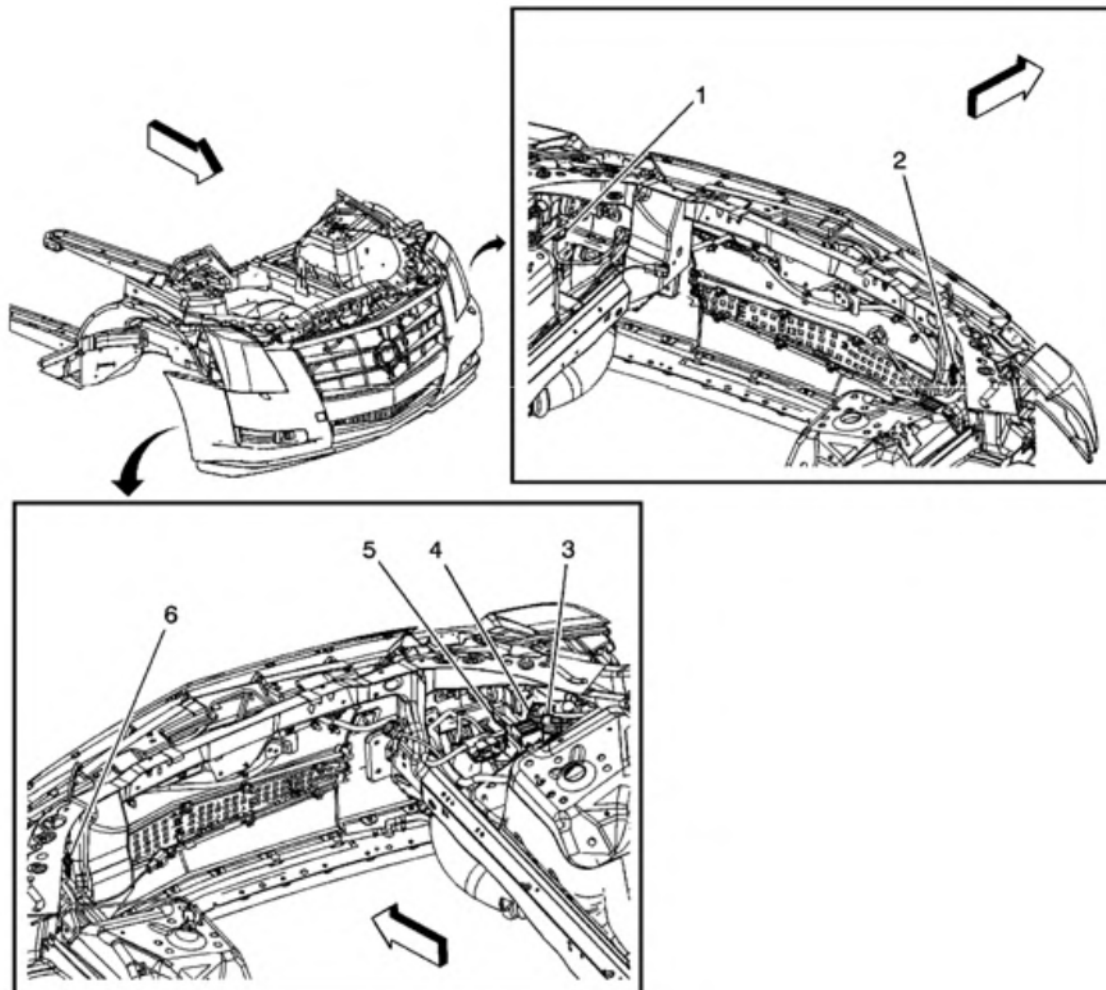
G401 (3 of 3)





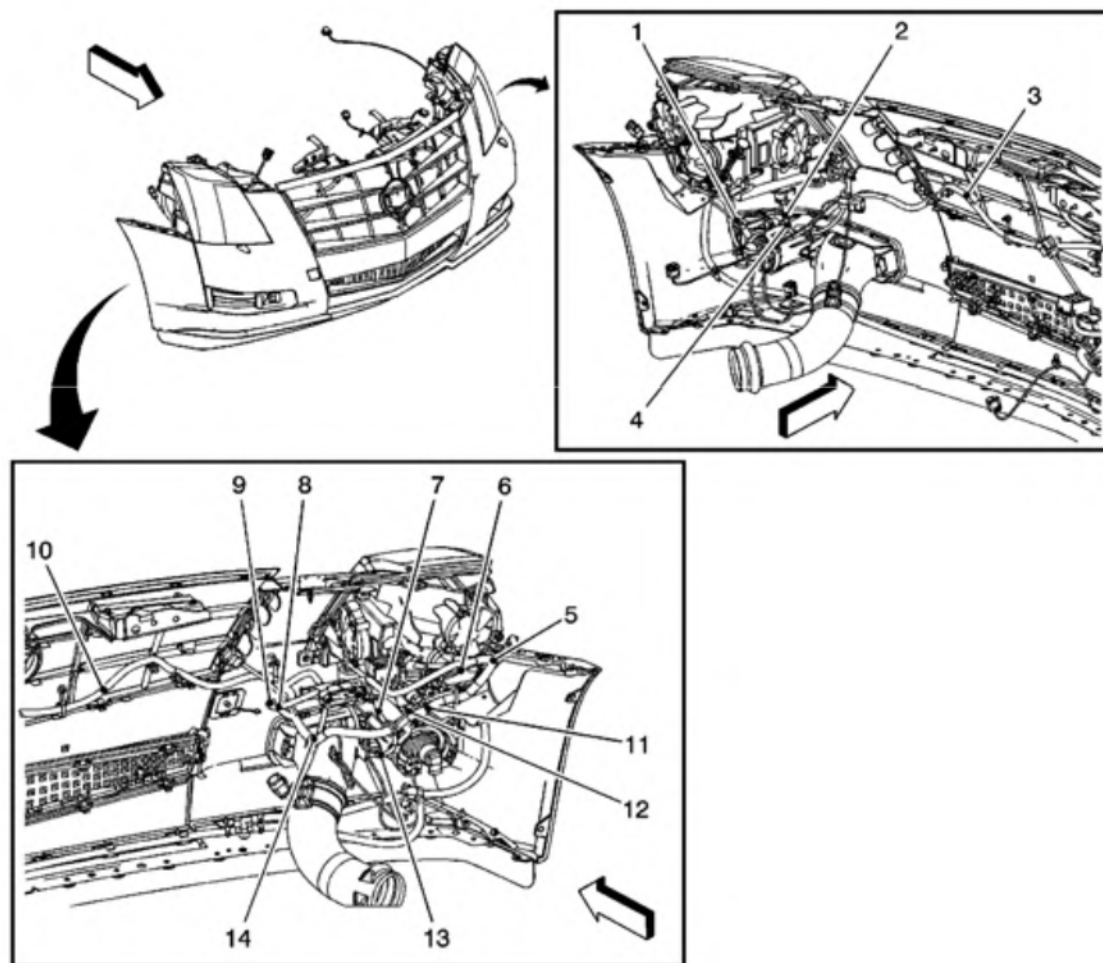


Forward Lamps



- (1) X114
- (2) G104
- (3) X170
- (4) X165
- (5) X115
- (6) G101

Forward Lamp Splices



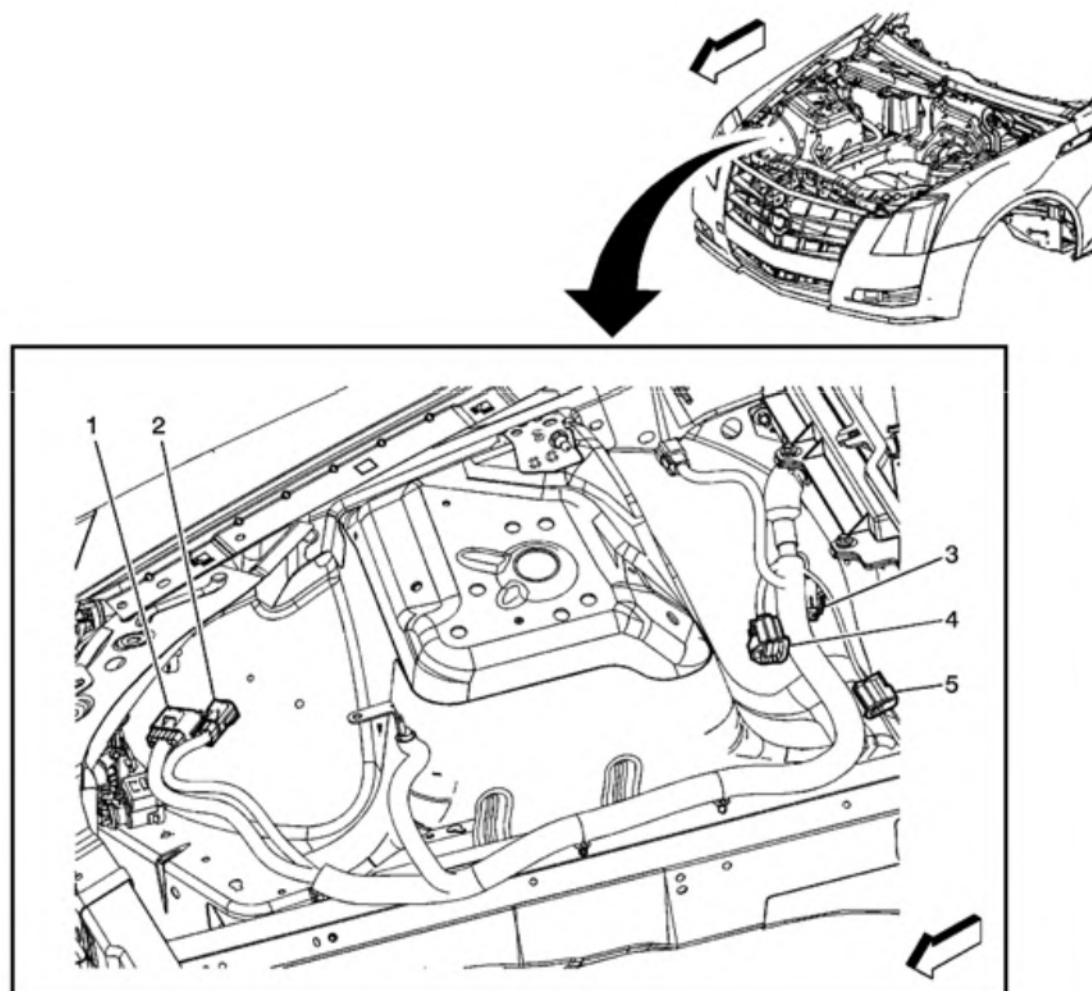
- (1) J173
- (2) J115
- (3) J178
- (4) J174
- (5) J188
- (6) J189
- (7) J175
- (8) J172
- (9) J170
- (10) J176
- (11) J177

(12) J171

(13) J116

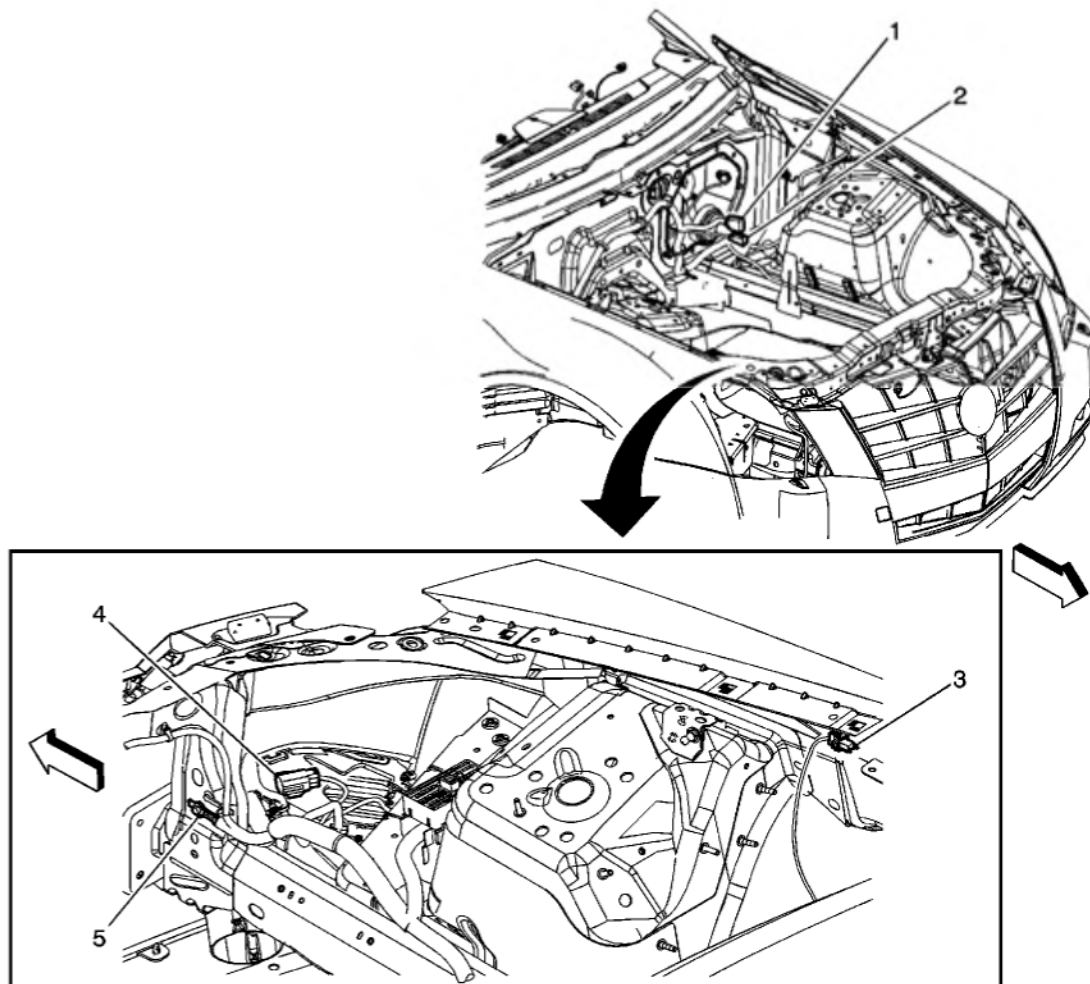
(14) J179

Body Harness Engine Compartment



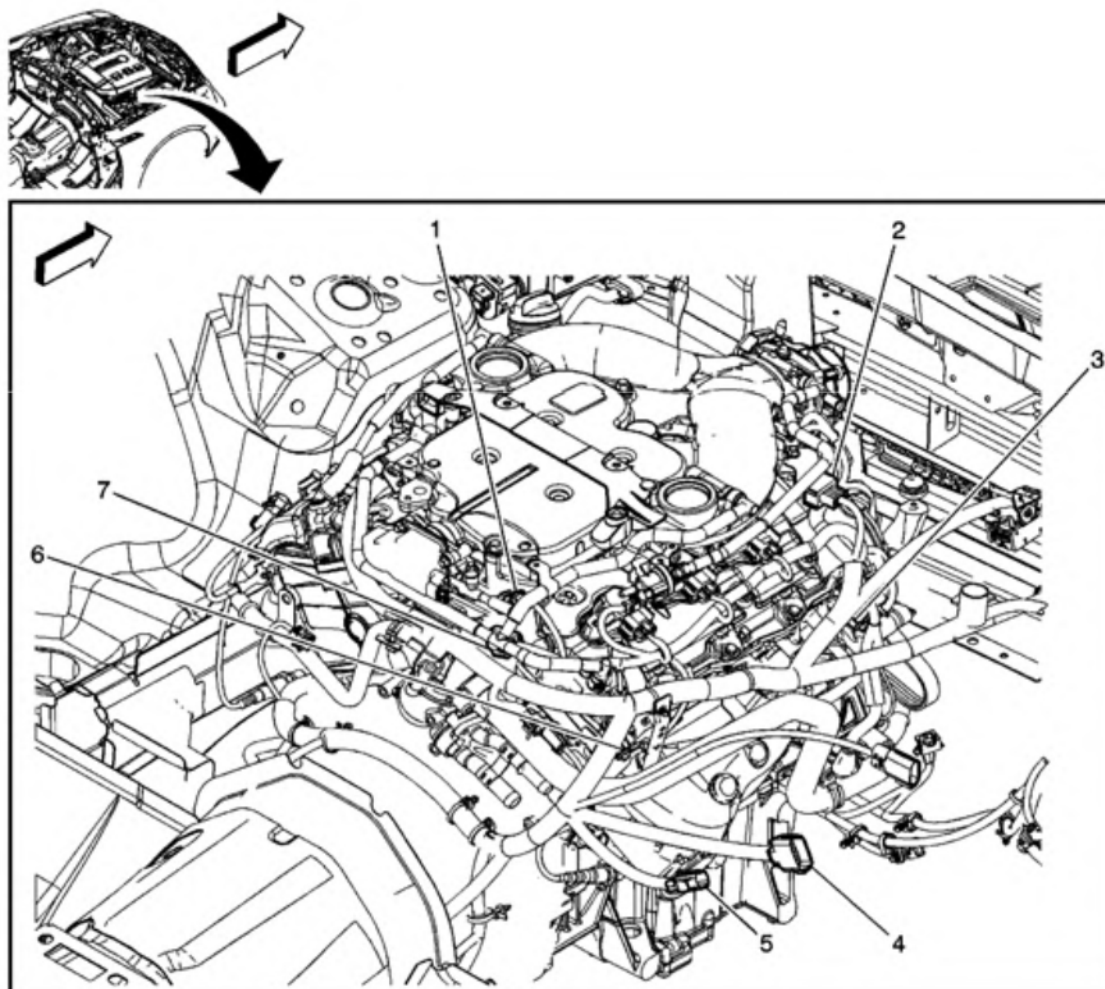
- (1) X165
- (2) X170
- (3) X163
- (4) X101
- (5) X135

Instrument Panel Underhood



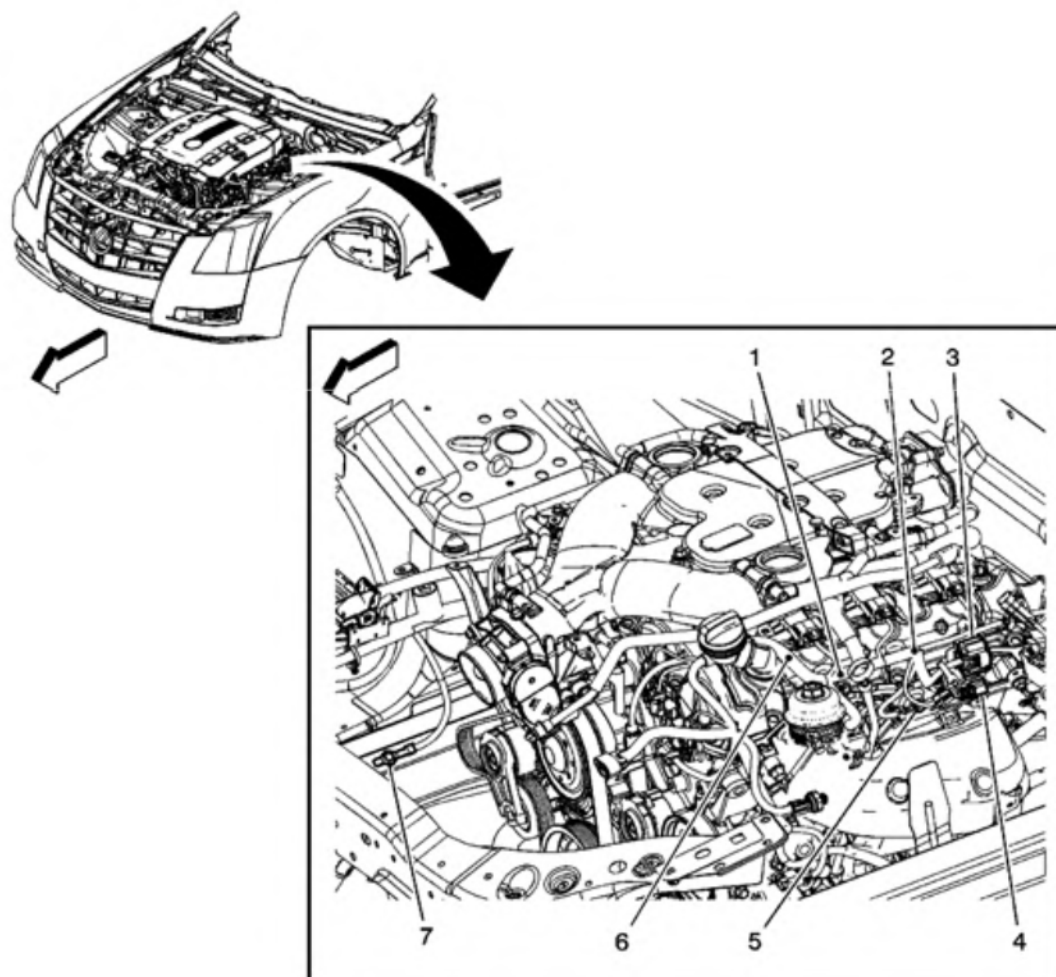
- (1) X104
- (2) X105 (MX7/MV7)
- (3) X163
- (4) X175 (B3T)
- (5) G104

Engine Harness (LY7/LLT/LP1)



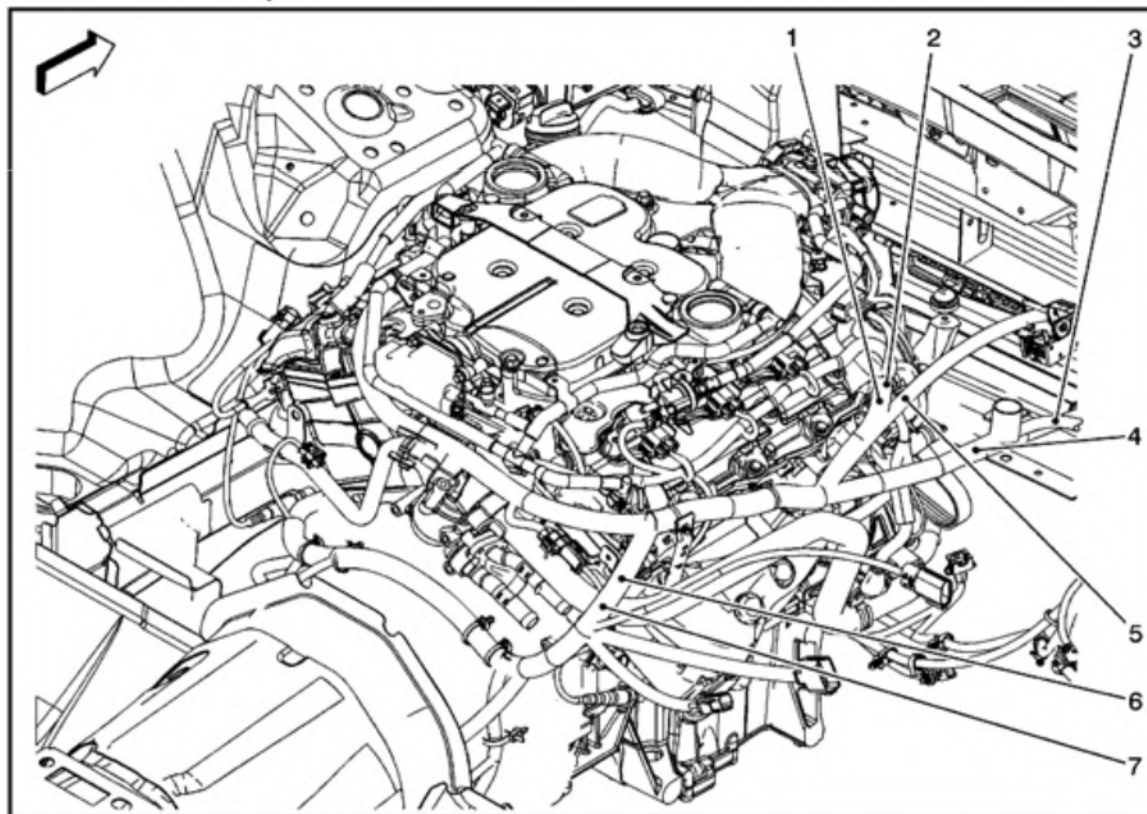
- (1) X160 (LLT)
- (2) X121 (LY7/LP1)
- (3) Engine Harness
- (4) X135
- (5) X101
- (6) G130
- (7) X161 (LLT)

Engine Harness and Splices (LY7/LLT/LP1)



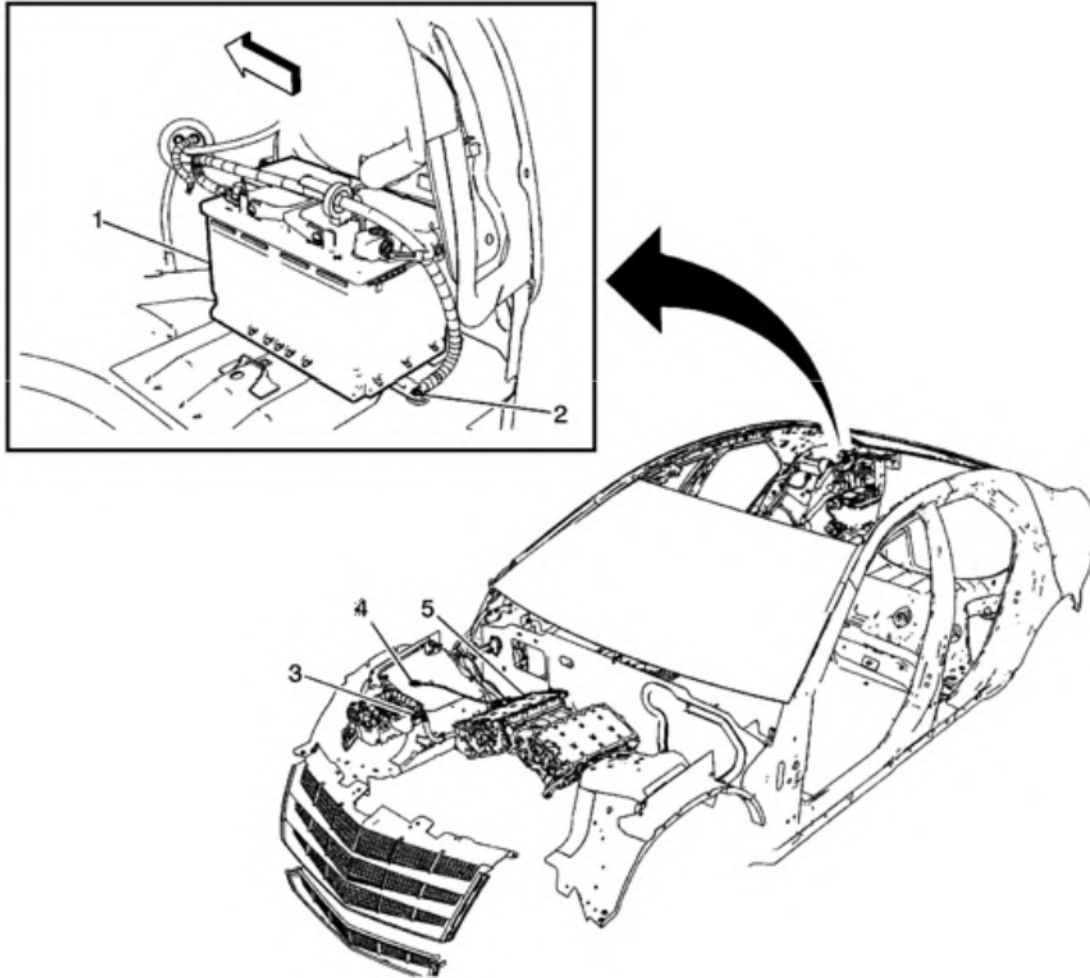
- (1) J166
- (2) J162 (LLT)
- (3) X104
- (4) X105
- (5) G131
- (6) J162 (LY7/LP1)
- (7) G110

Engine Harness Splices (LY7/LLT/LP1)



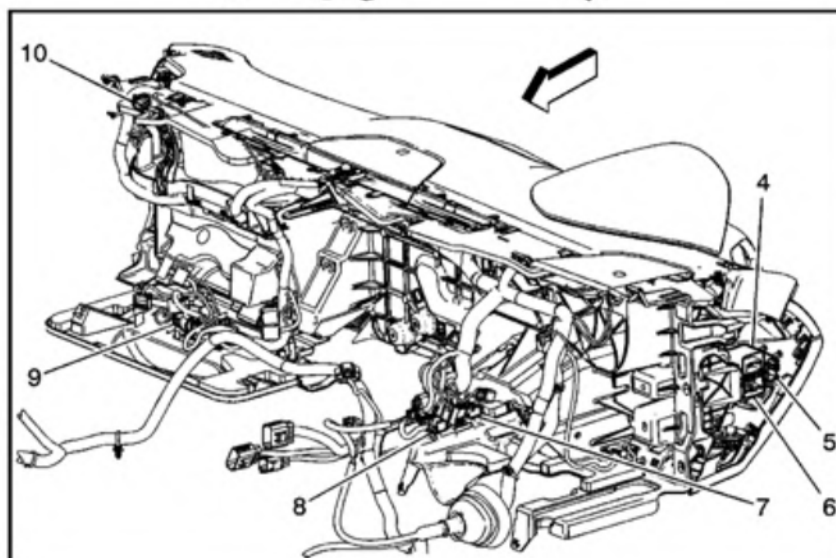
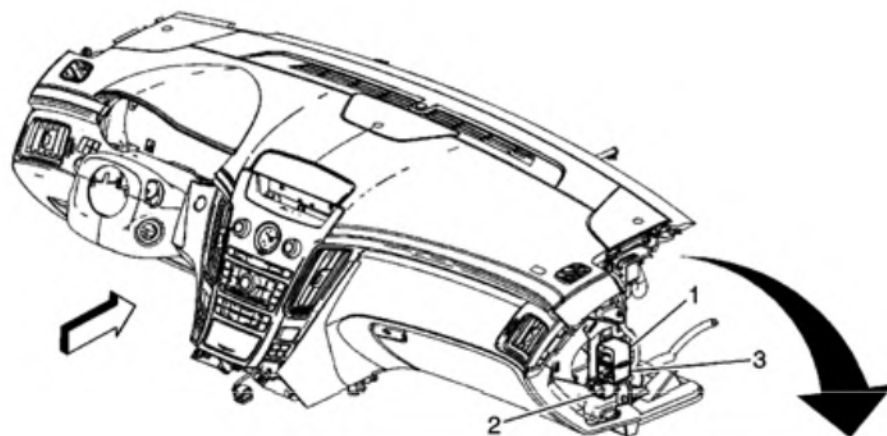
- (1) J142
- (2) J161 (LLT) or J145 (LP1/LY7)
- (3) J185
- (4) J187
- (5) J165
- (6) J182
- (7) J181

Engine Electrical Components



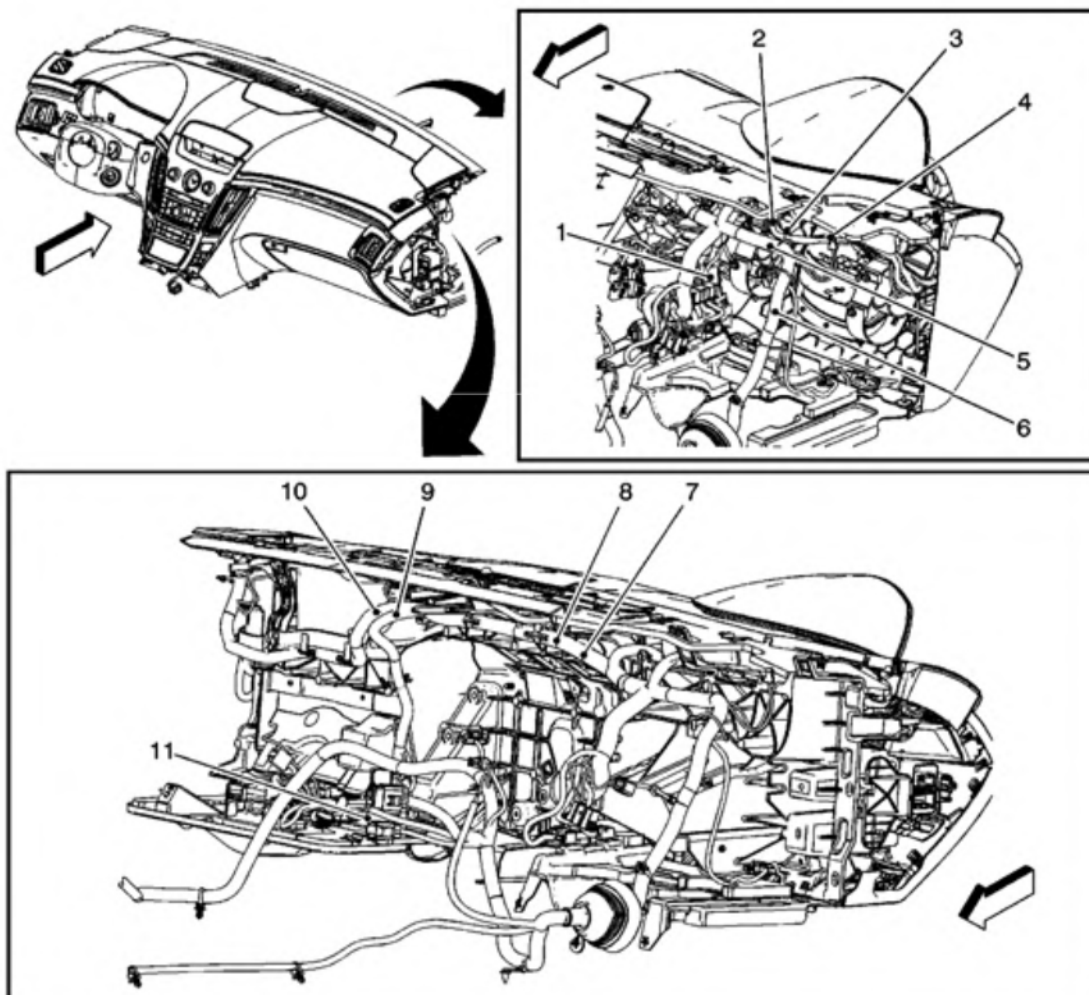
- (1) Battery
- (2) G405
- (3) Battery Cable Positive Voltage Stud
- (4) G134
- (5) G106

Instrument Panel Harness



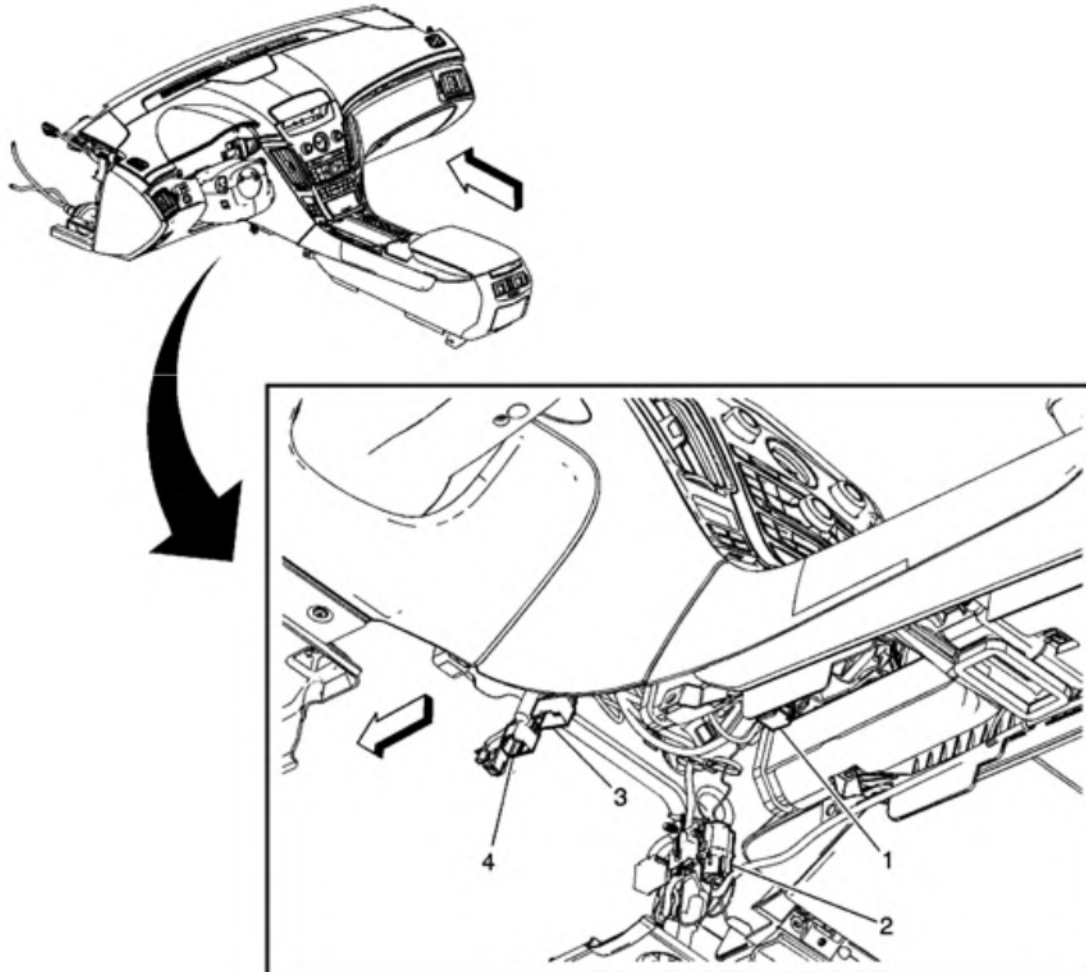
- (1) X260
- (2) X270 (XA7)
- (3) X225
- (4) X235
- (5) X201 (A45/N38)
- (6) X200
- (7) X202
- (8) X210 (N38/A45)
- (9) X215 (WXS)
- (10) X204

Instrument Panel Splices



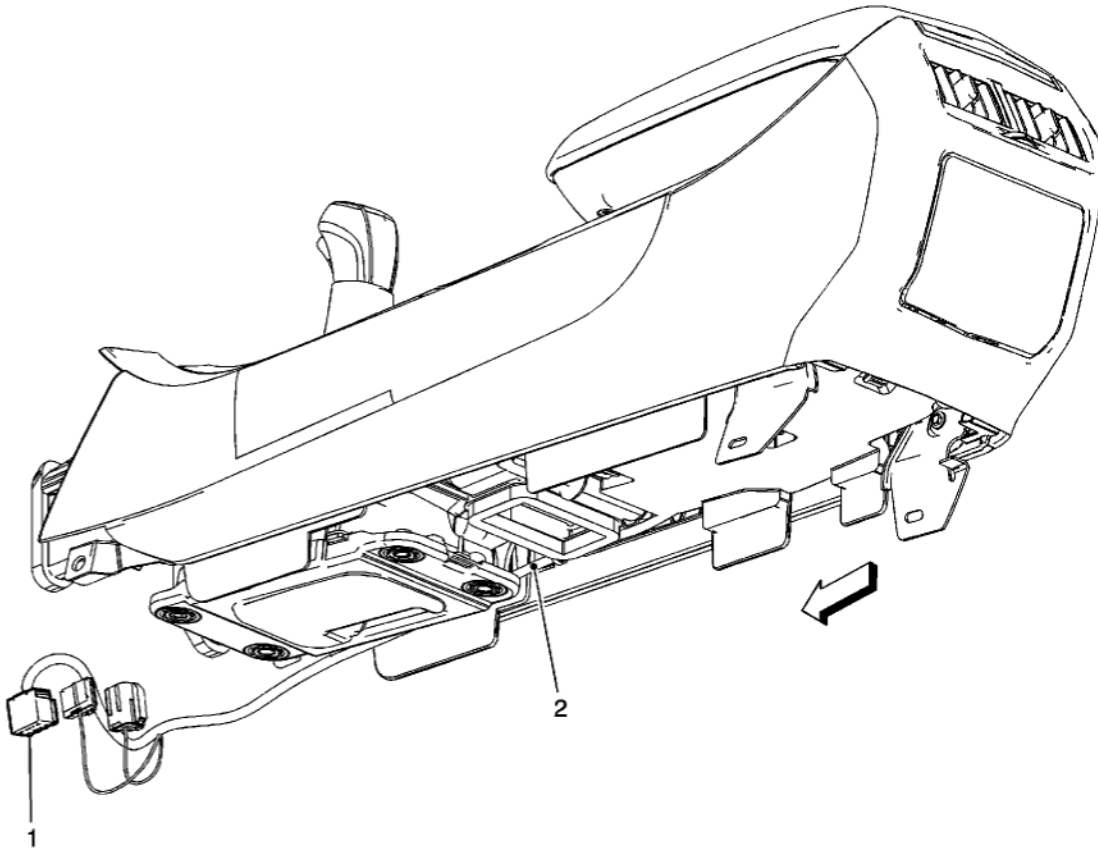
- (1) J275
- (2) J220
- (3) J240
- (4) J250
- (5) J280
- (6) J235
- (7) J200
- (8) J201
- (9) J215
- (10) J265
- (11) J202

Instrument Panel Harness Under Console



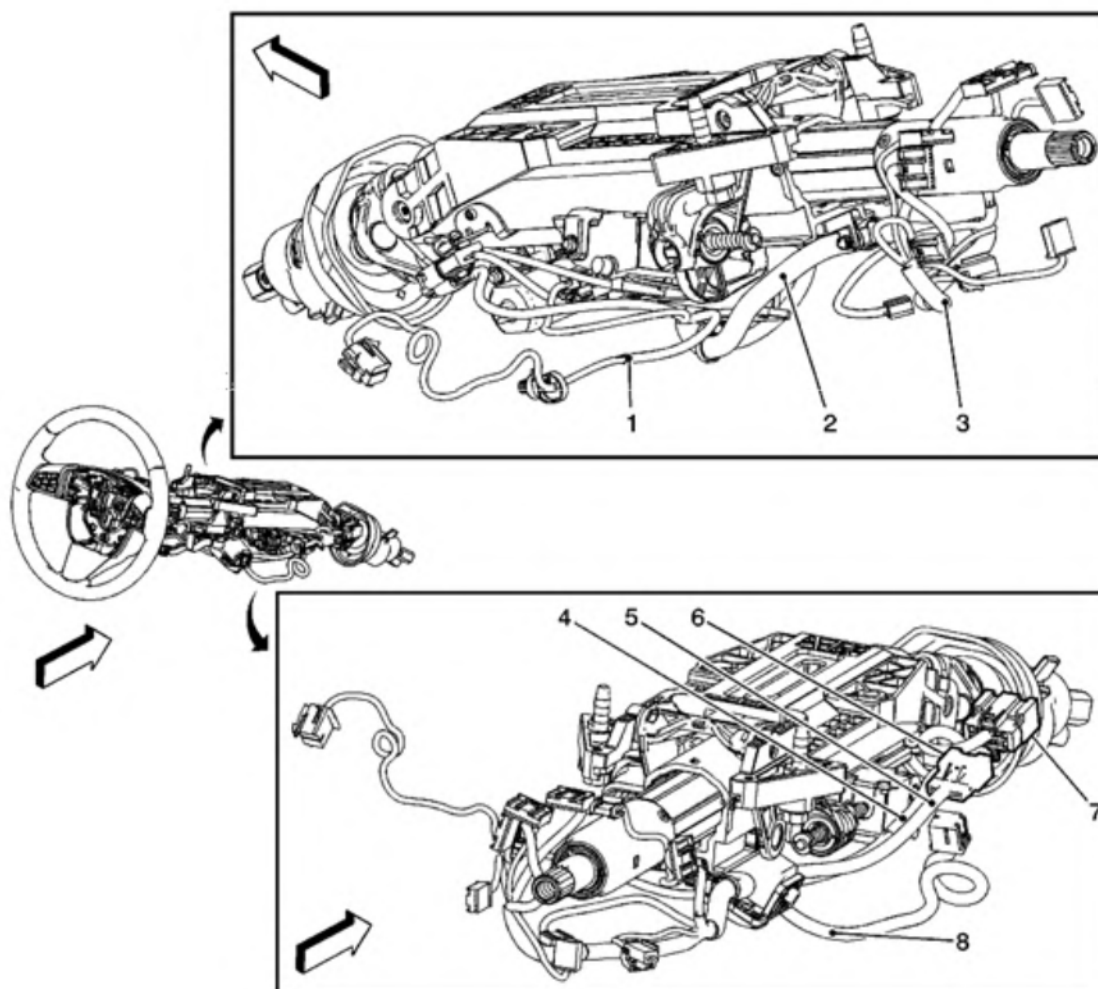
- (1) X230 (MYB)
- (2) X202
- (3) X303
- (4) X220

Console Harness



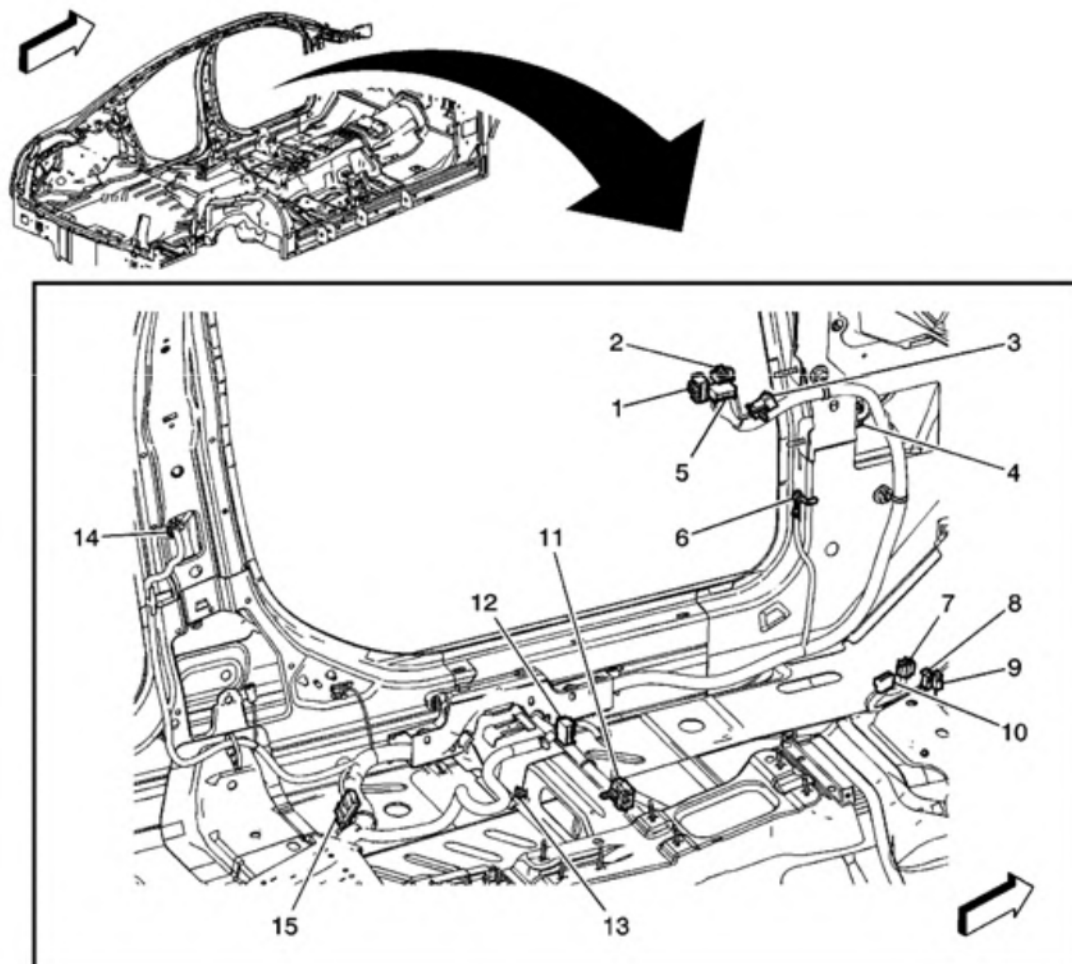
- (1) X312
- (2) J308

Steering Column



- (1) J255 (XA7)
- (2) J285 (MYB)
- (3) J205
- (4) J208 (UHA/UHF and MV7)
- (5) J270 (-UHA/UHF)
- (6) X210 (A45/N38)
- (7) X202
- (8) J260 (-UHA/UHF)

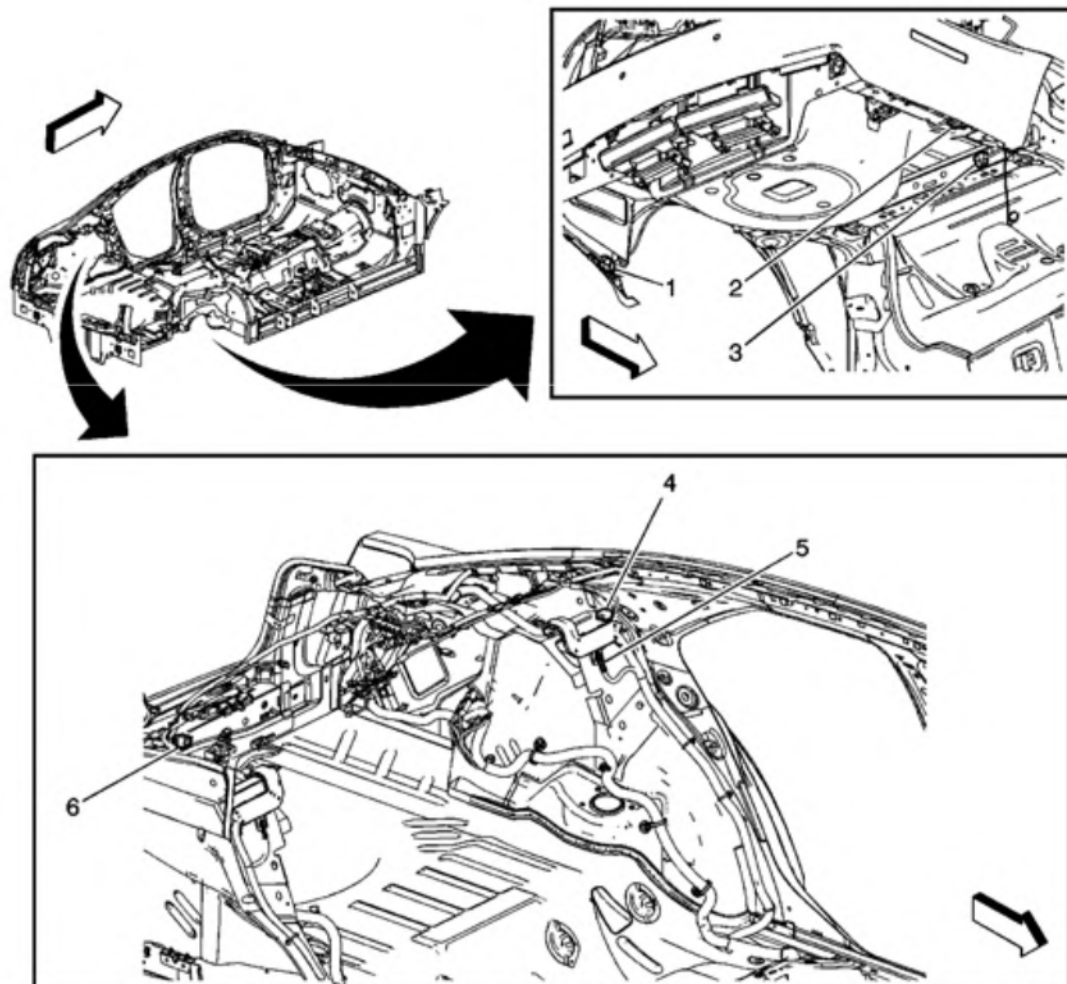
Body Harness Driver Side



- (1) X201 (A45/N38)
- (2) X235
- (3) X203
- (4) X500
- (5) X200
- (6) G200
- (7) X220
- (8) X245 (Coax)
- (9) X250 (U2K) (Coax)
- (10) X303
- (11) X345

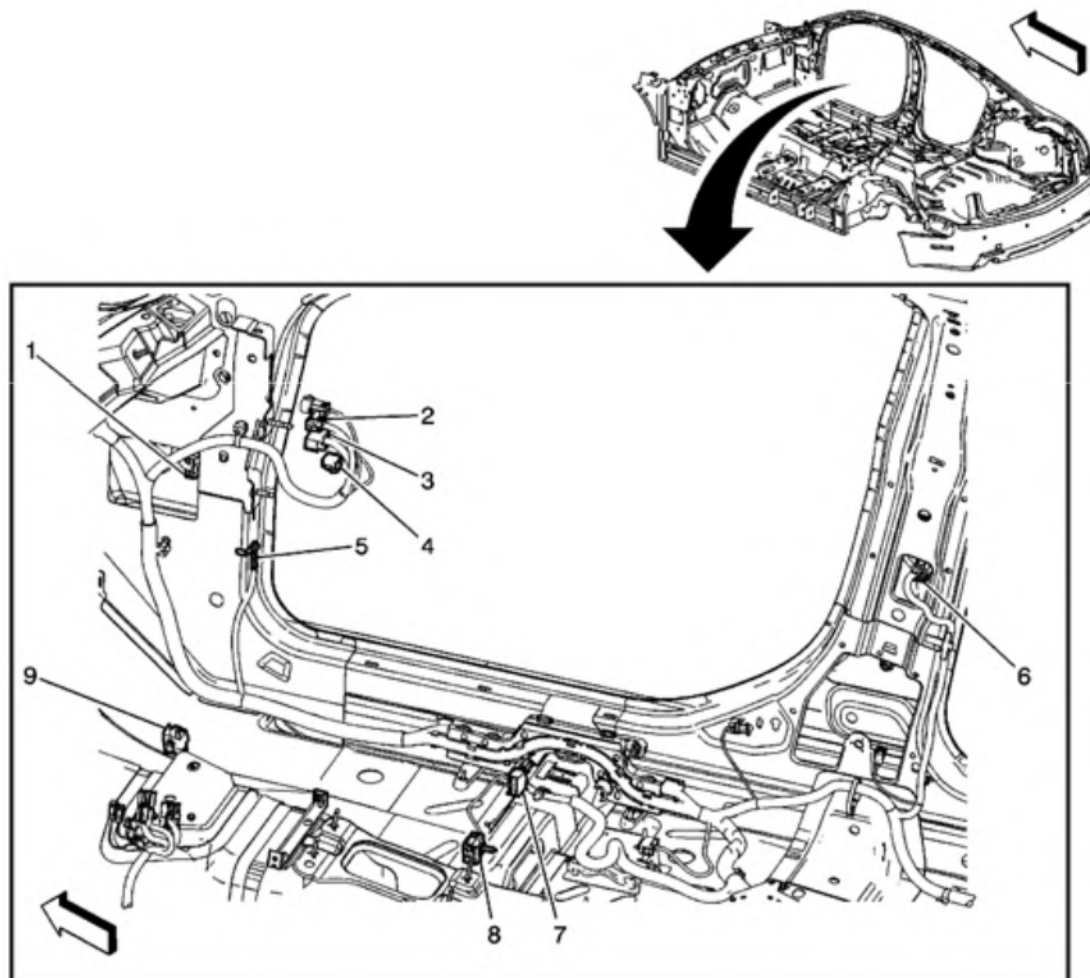
- (12) X300
- (13) G306
- (14) X700
- (15) JX301

Body Harness Driver Rear Side and Underneath



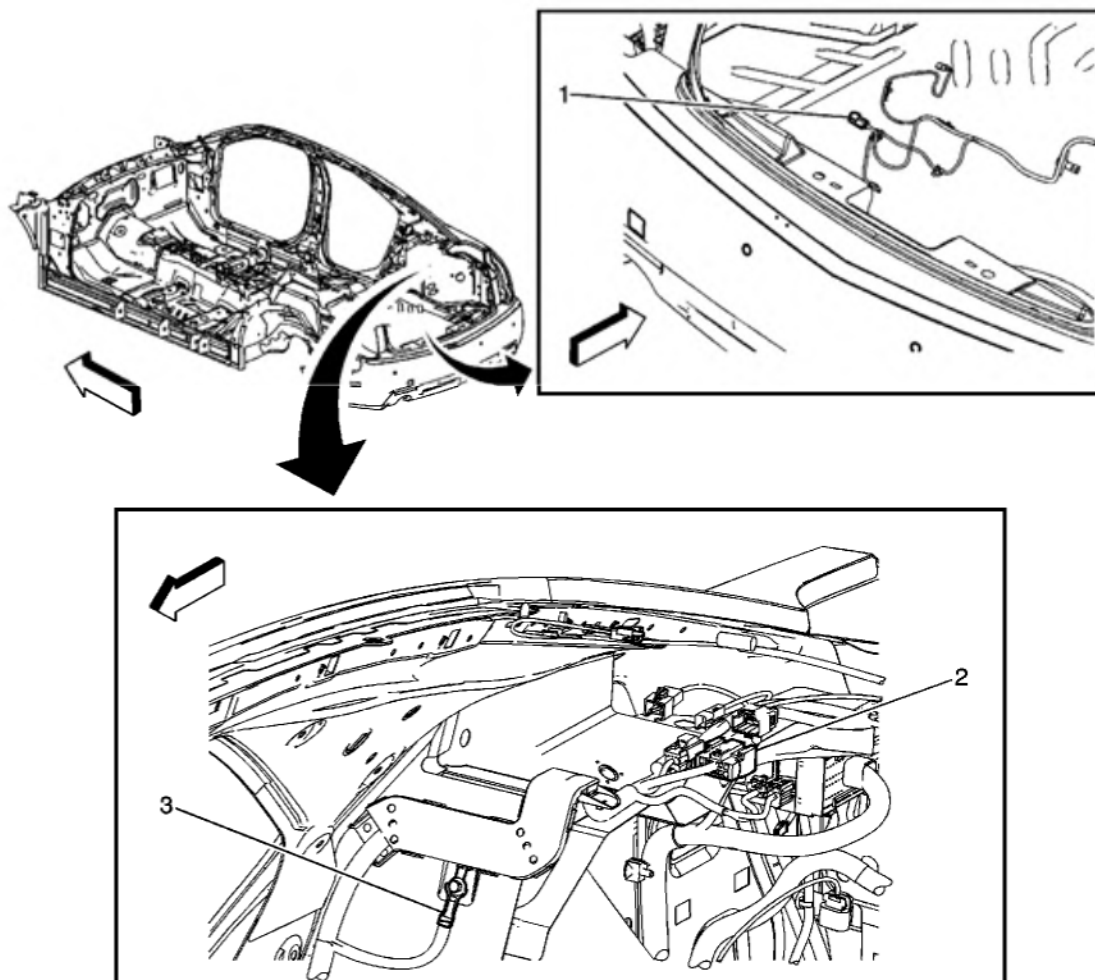
- (1) X425 (T79/UD7/UHA/UHF)
- (2) X430 (UH3)
- (3) X420
- (4) X401 (C3U/UE1)
- (5) G402
- (6) X305

Body Harness Passenger Side



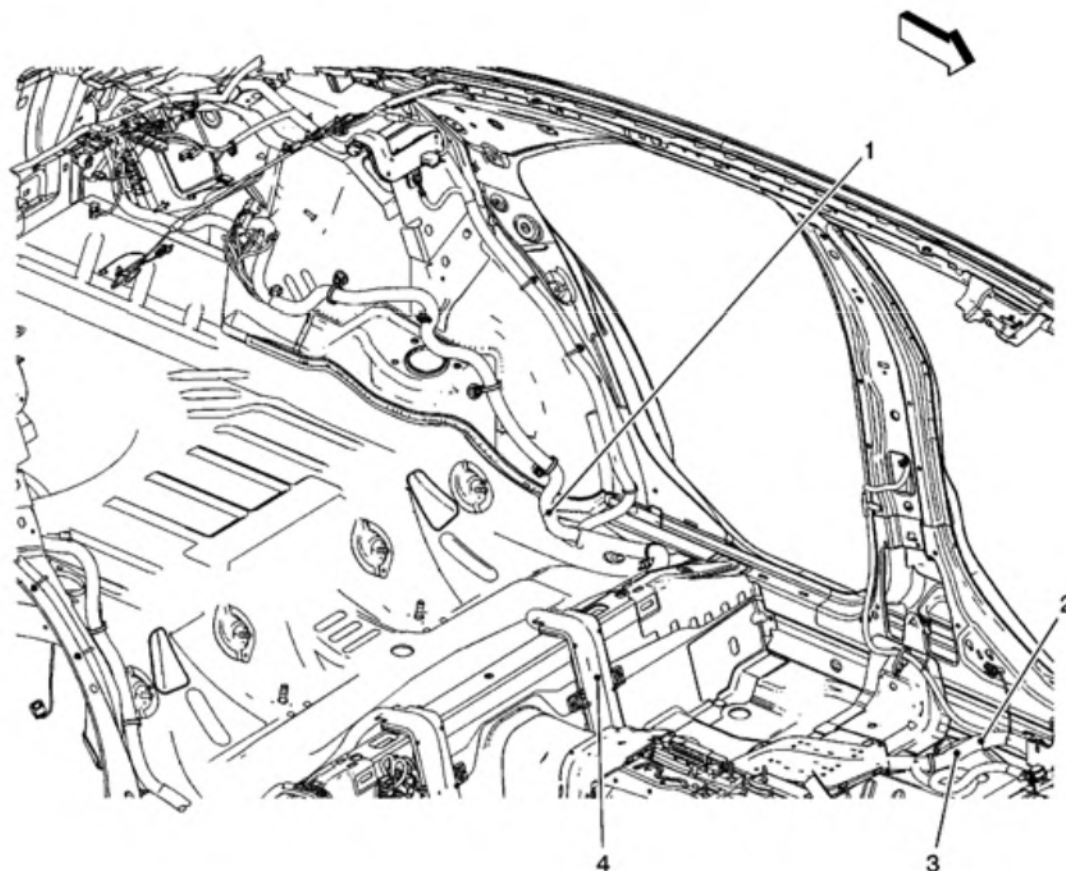
- (1) X600
- (2) X260
- (3) X225
- (4) X270 (XA7)
- (5) G201
- (6) X800
- (7) X307
- (8) X350
- (9) X312

Body Harness Passenger Side Rear



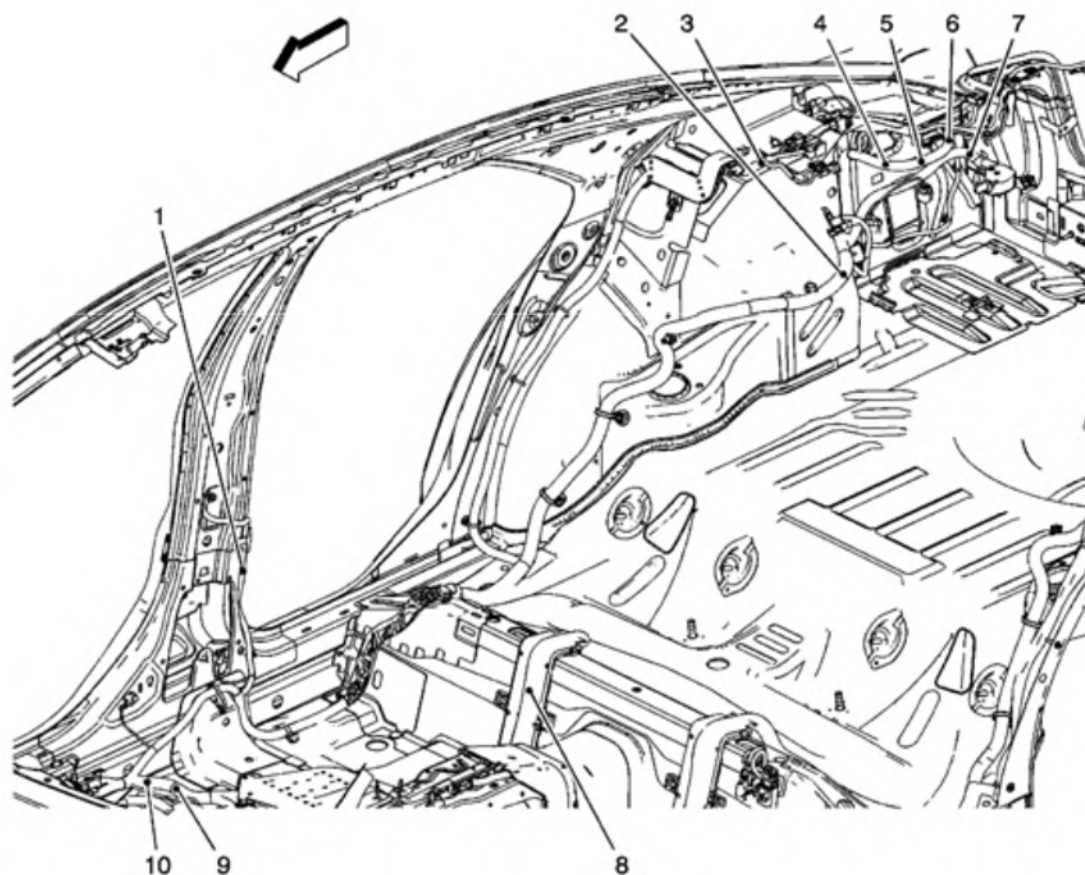
- (1) X421
- (2) X308
- (3) G401

Body Harness Splices Driver Side



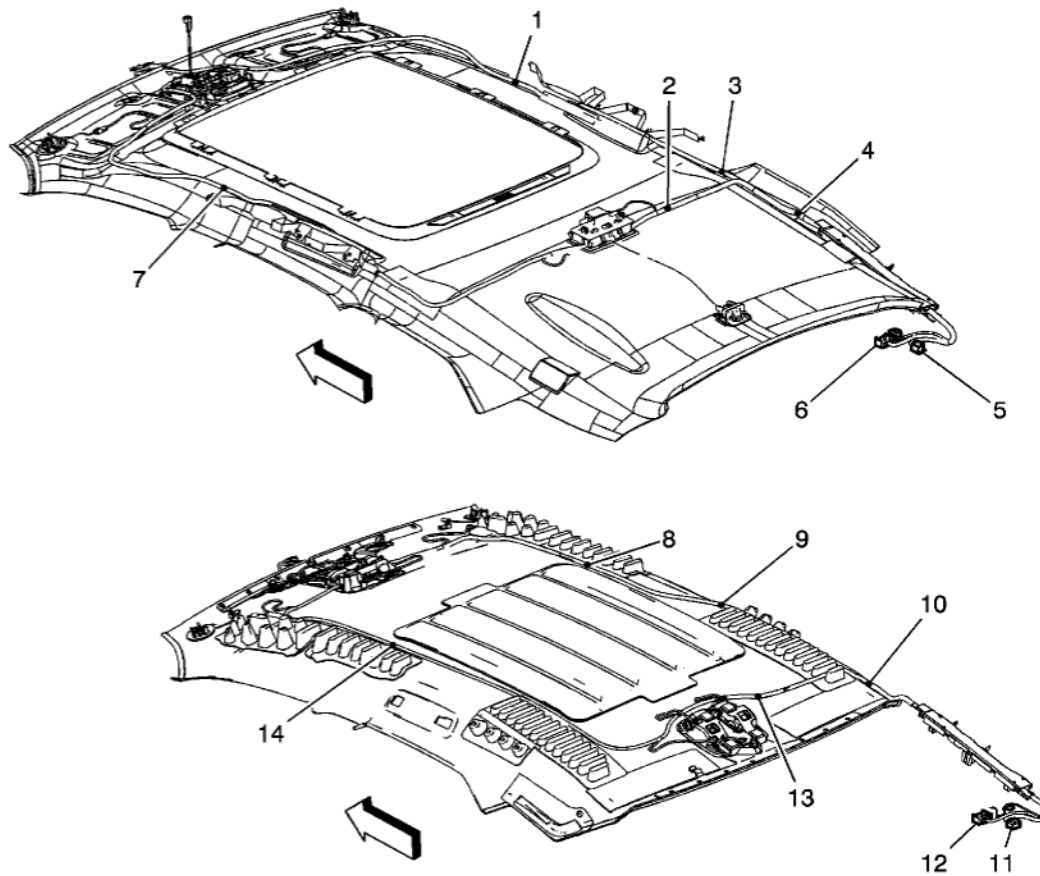
- (1) J379
- (2) J391 (UA2)
- (3) J367 (TSQ)
- (4) J381 (KB6/UA2)

Body Harness Splices Passenger Side



- (1) J395
- (2) J420
- (3) J369
- (4) J394 (-UA2)
- (5) J396
- (6) J303
- (7) J366 (T90)
- (8) J368
- (9) J363
- (10) J380

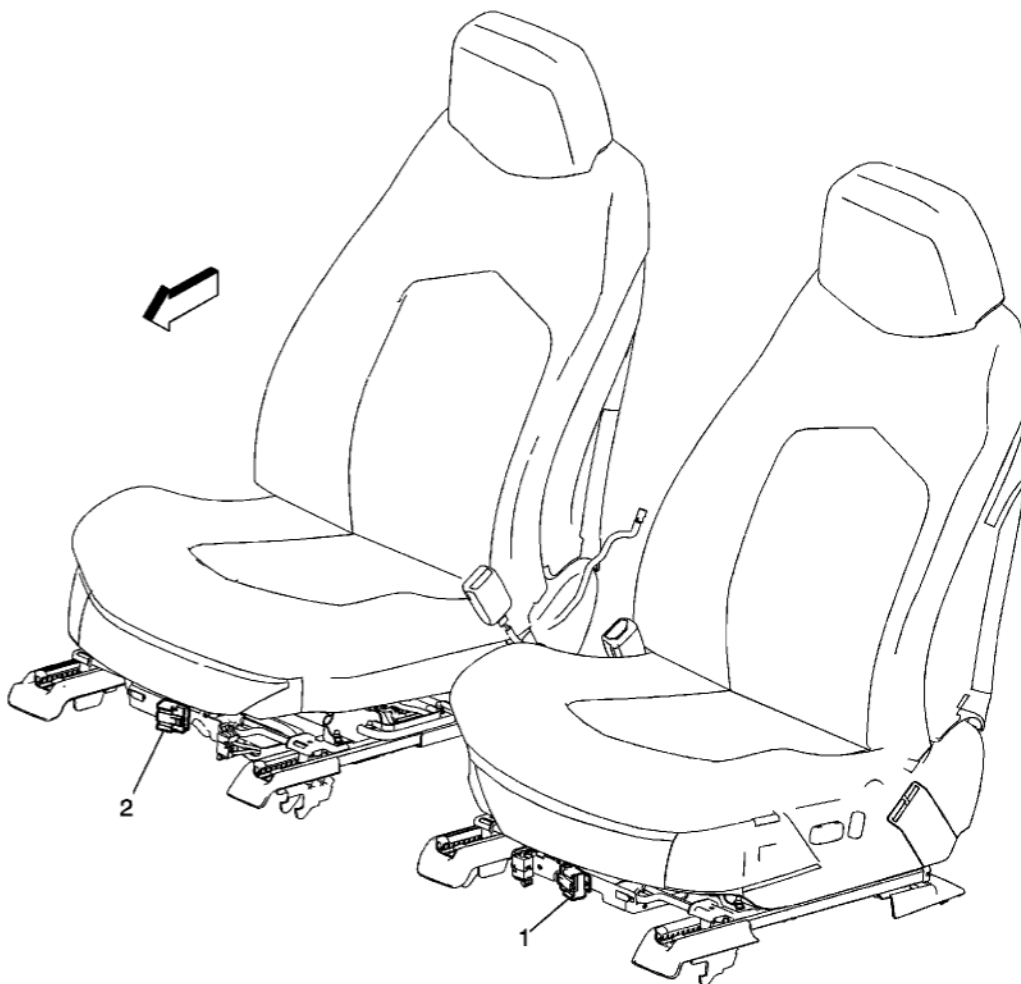
Headliner Harnesses



- (1) J378 (CF5)
- (2) J370 (CF5)
- (3) J371 (CF5)
- (4) J360 (CF5)
- (5) X305 (CF5)
- (6) X308 (CF5)
- (7) J372 (CF5)
- (8) J378 (-CF5)
- (9) J371 (-CF5)
- (10) J360 (-CF5)
- (11) X305 (-CF5)

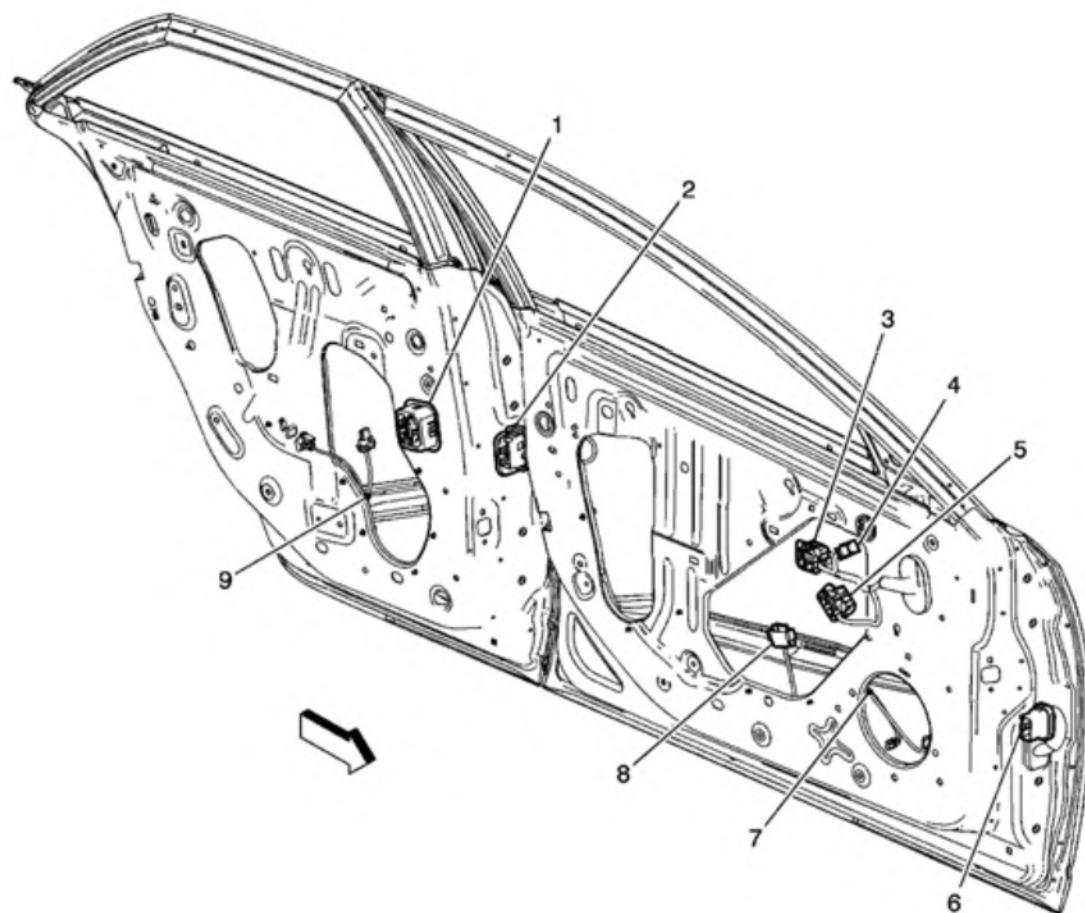
- (12) X308 (-CF5)
- (13) J370 (-CF5)
- (14) J372 (-CF5)

Front Seats



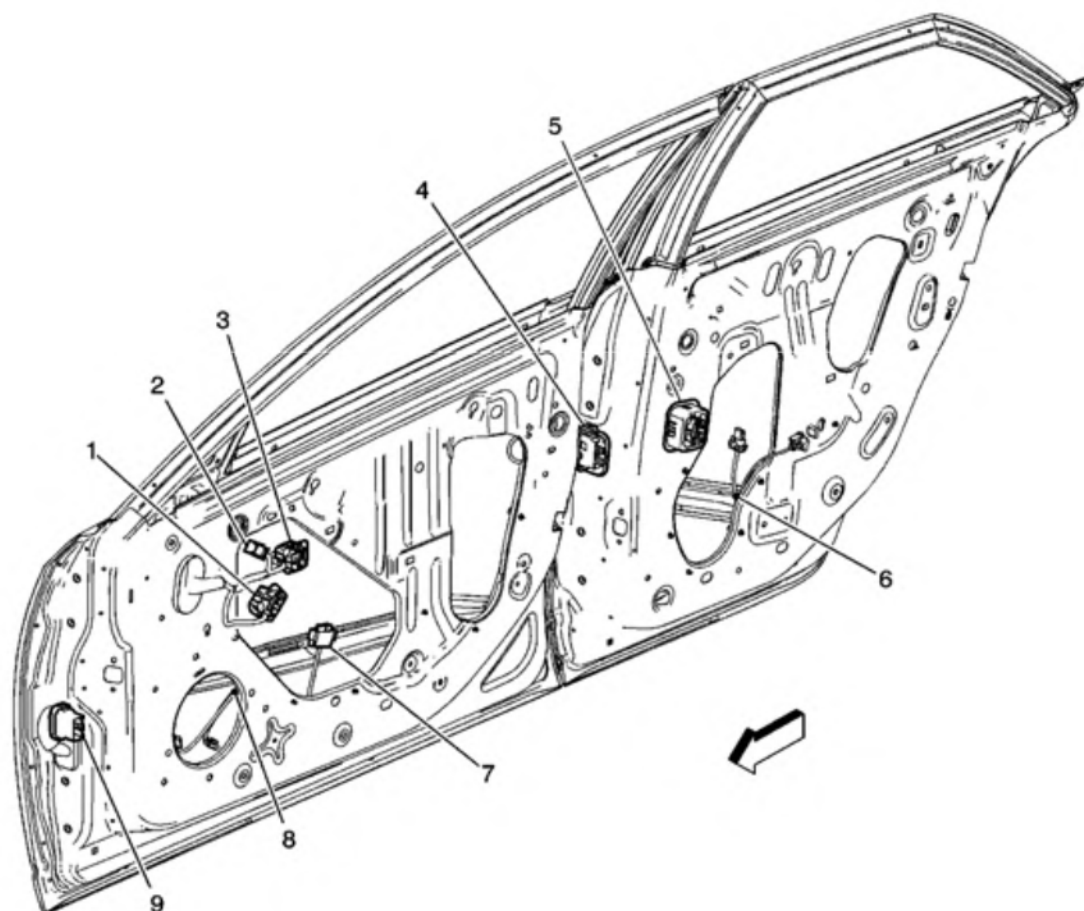
- (1) X300
- (2) X307

Door Harness Left Hand



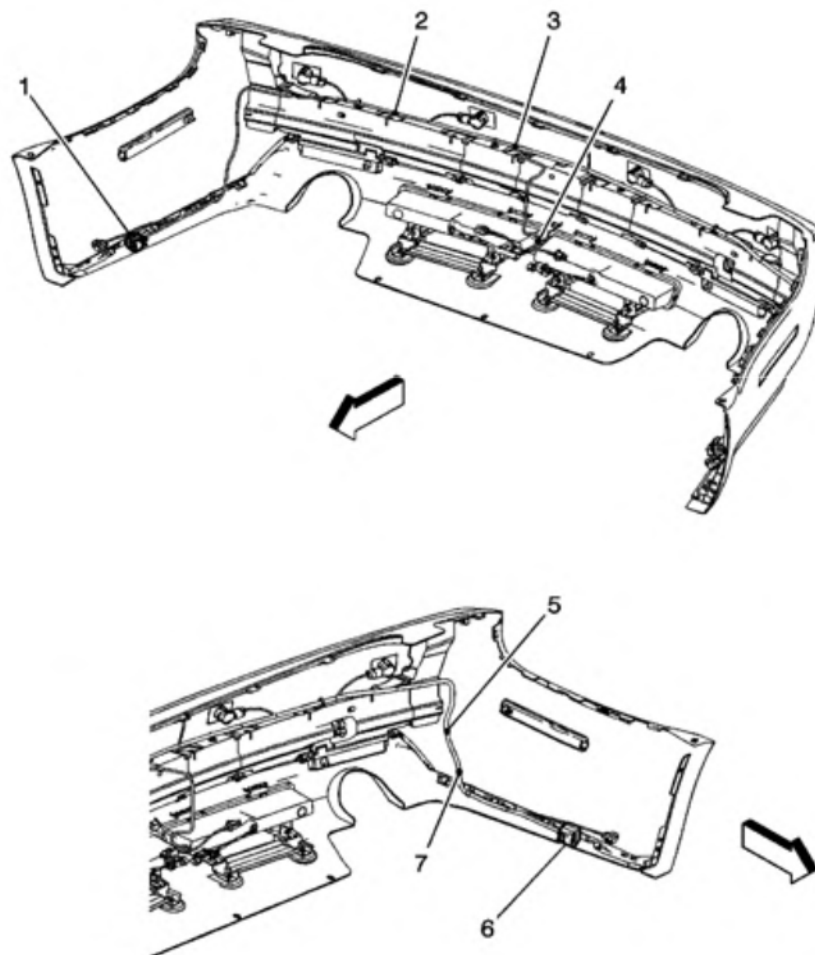
- (1) X701
- (2) X700
- (3) X505
- (4) Outside Rearview Mirror Connector
- (5) X501
- (6) X500
- (7) J510
- (8) Window Motor Connector
- (9) J710

Door Harness Right Hand

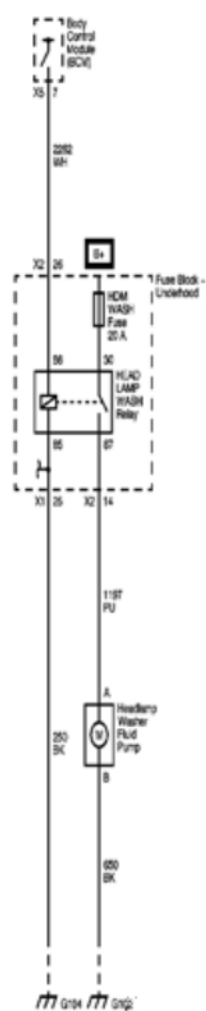


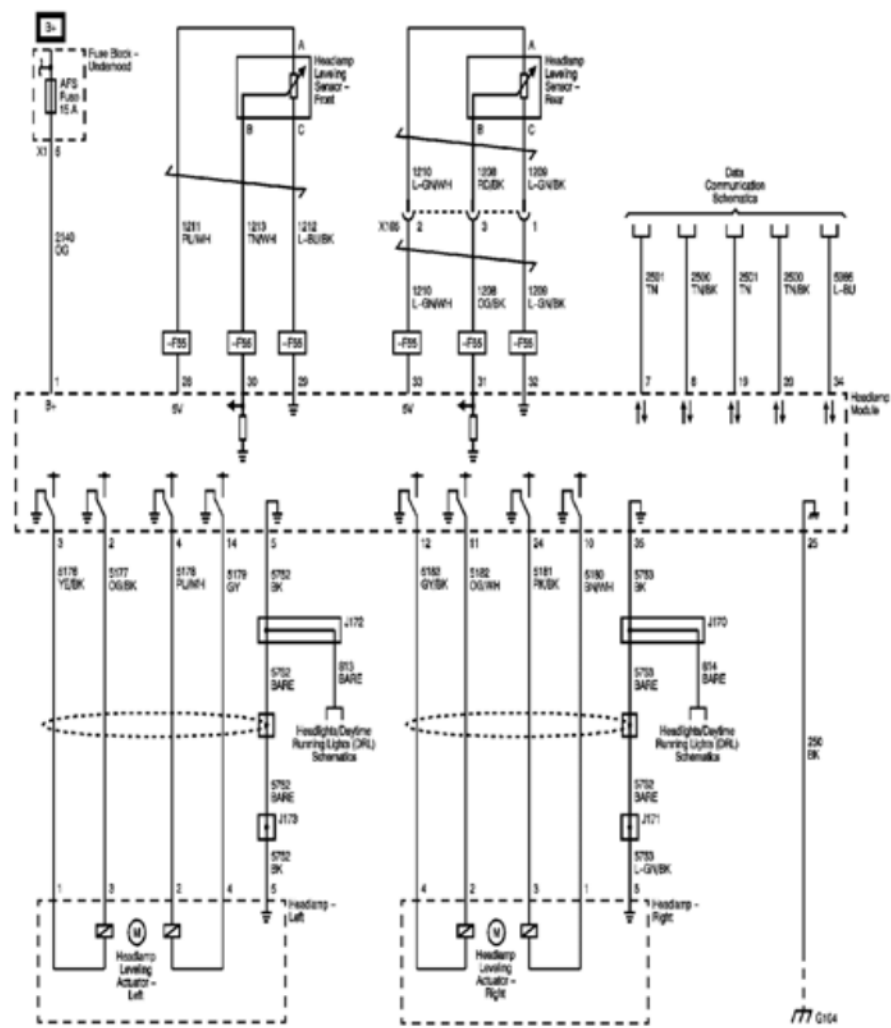
- (1) X601
- (2) X610
- (3) Outside Rearview Mirror Connector
- (4) X800
- (5) X801
- (6) J810
- (7) Window Motor Connector
- (8) J610
- (9) X600

Rear Fascia

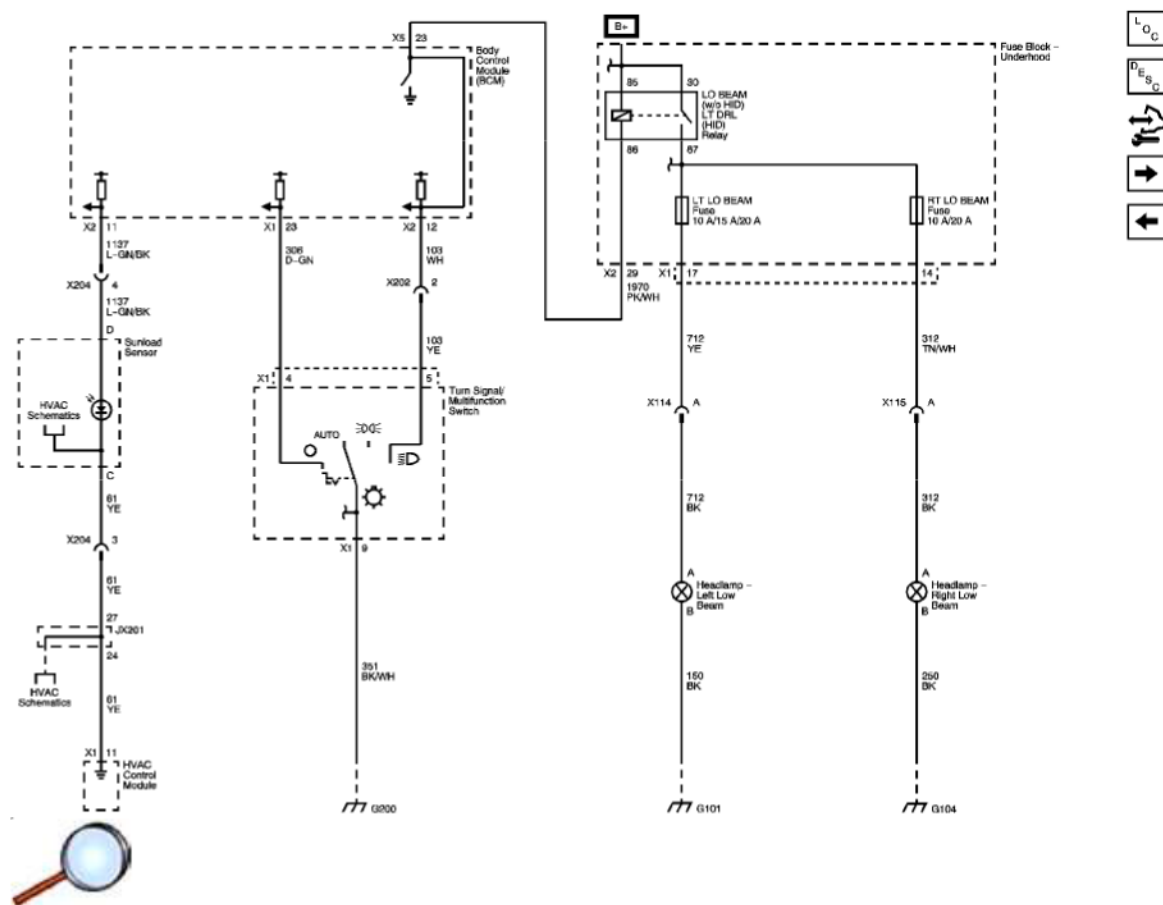


- (1) X425 (T79/UD7/UHA/UHF)
- (2) J440
- (3) J445
- (4) J404
- (5) J455
- (6) X430 (UH3)
- (7) J450

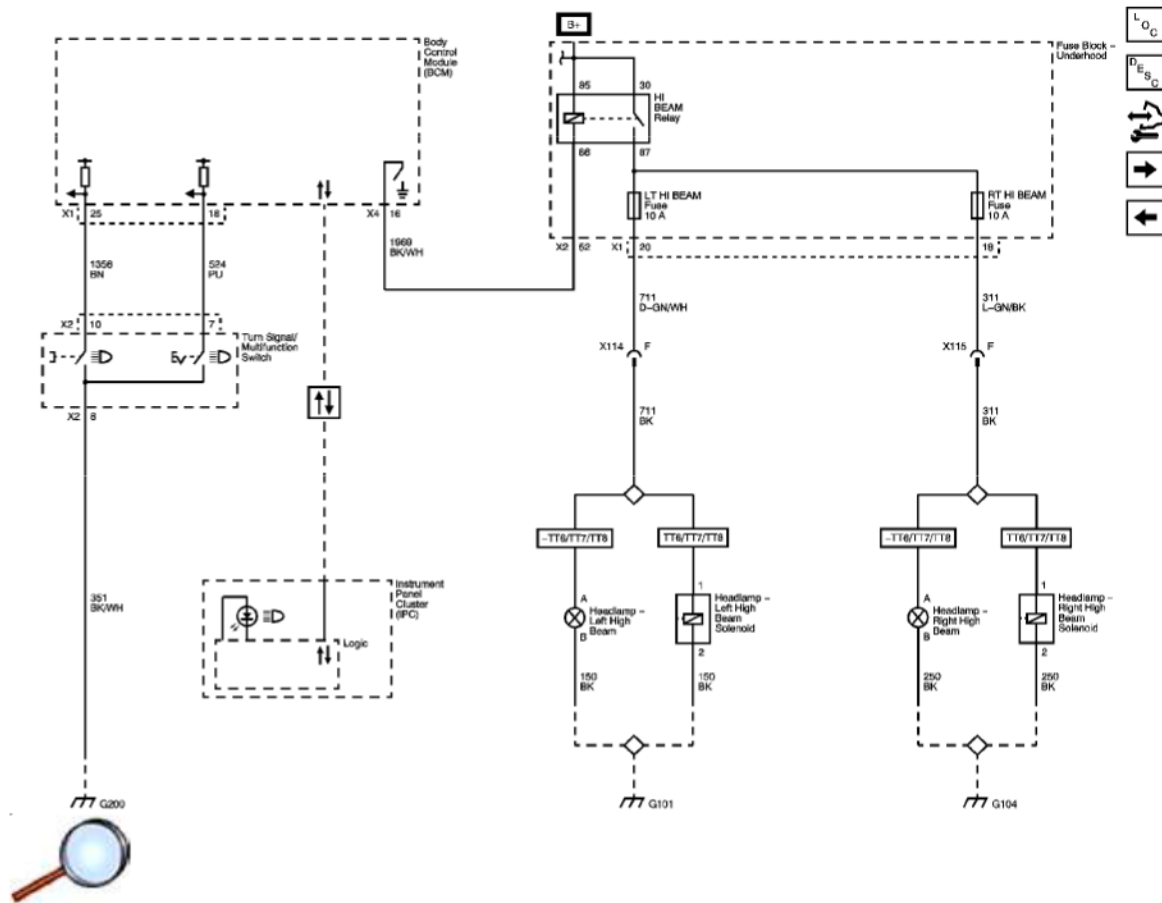


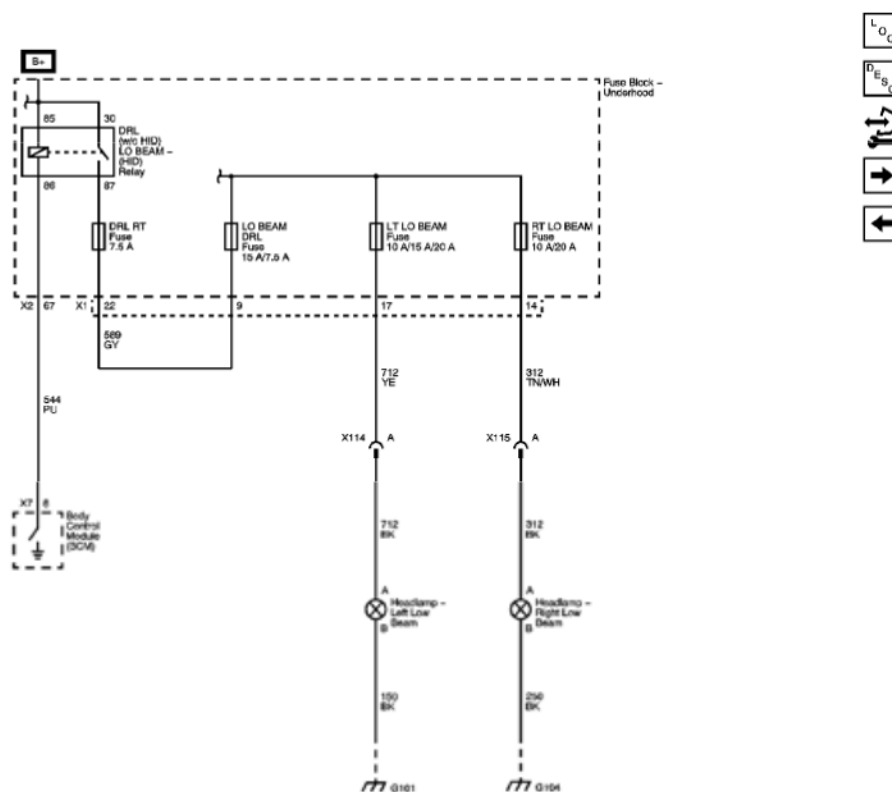


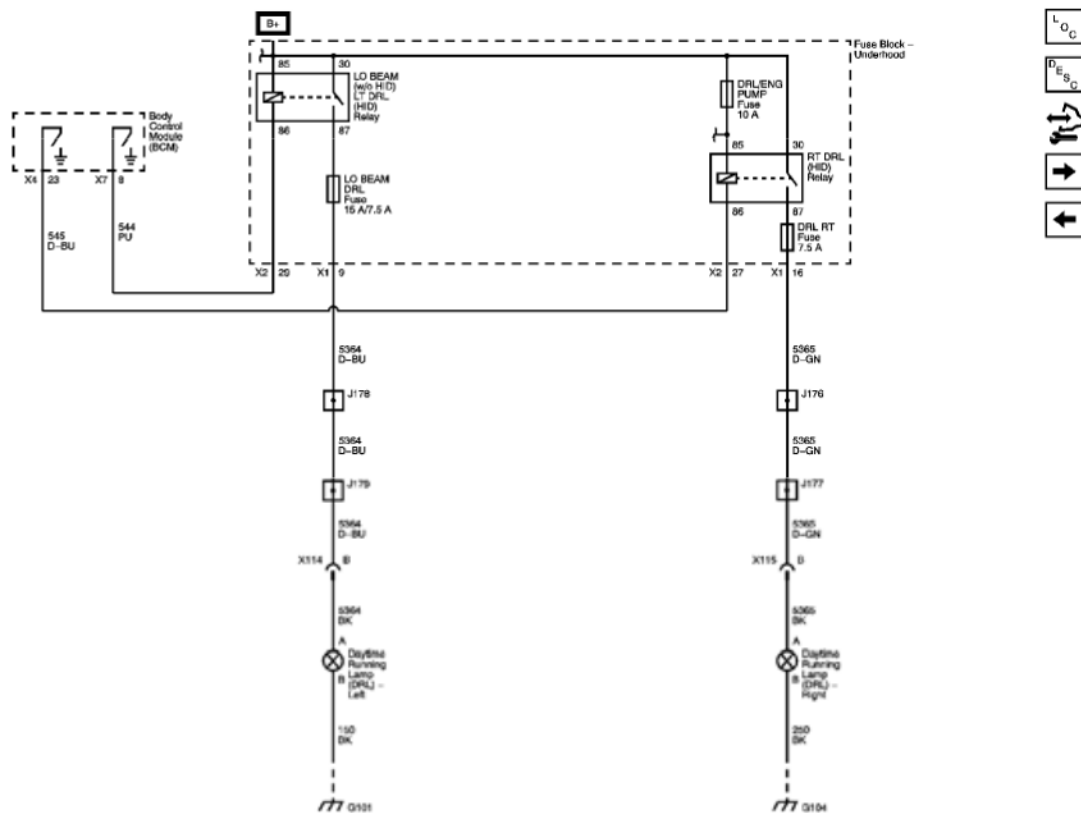
Low Beams - TT6 / TT7 / TT8 (2 of 5)



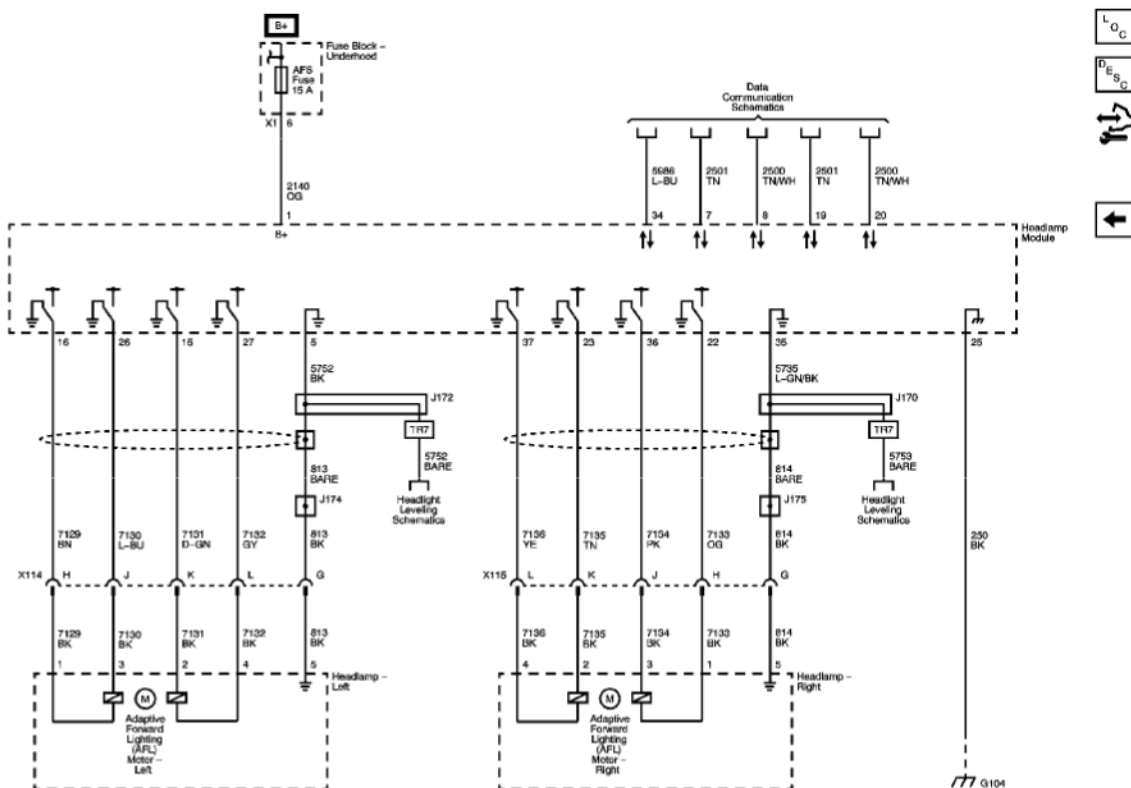
High Beams (3 of 5)

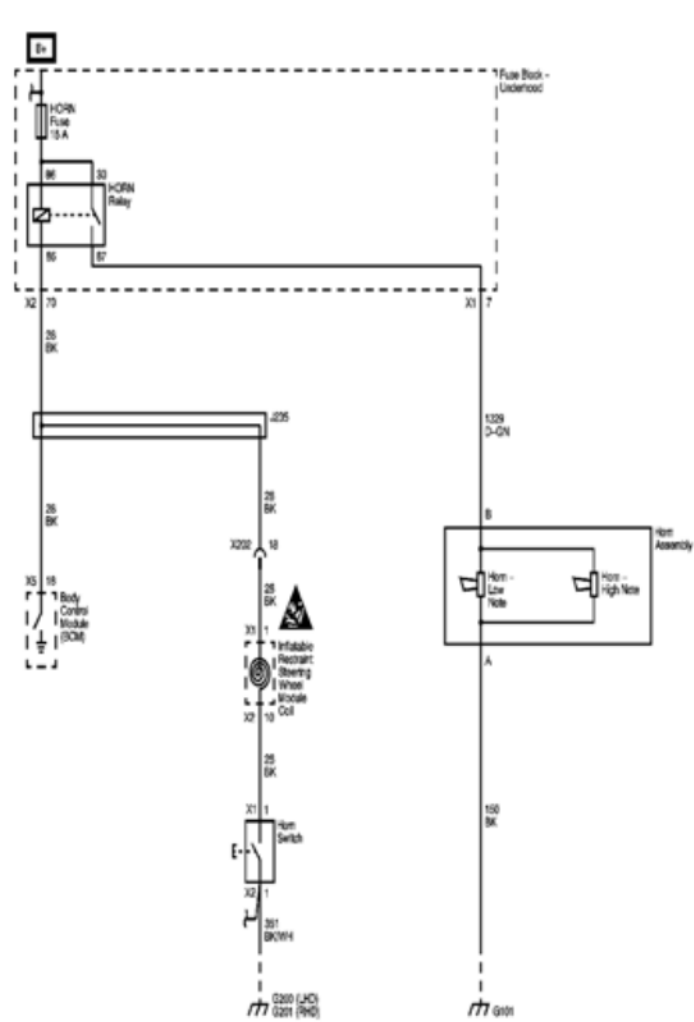


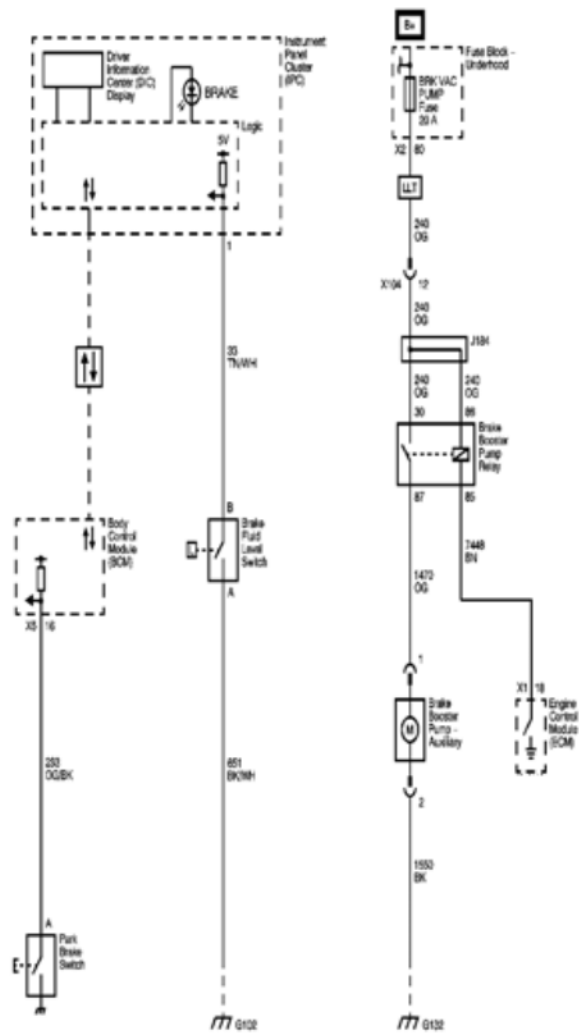


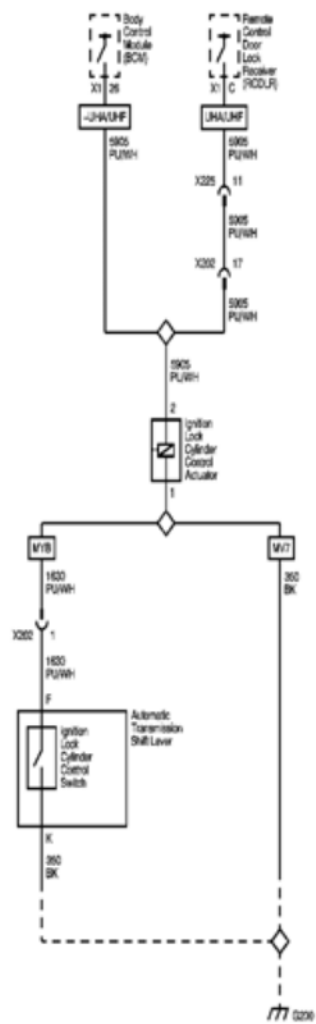


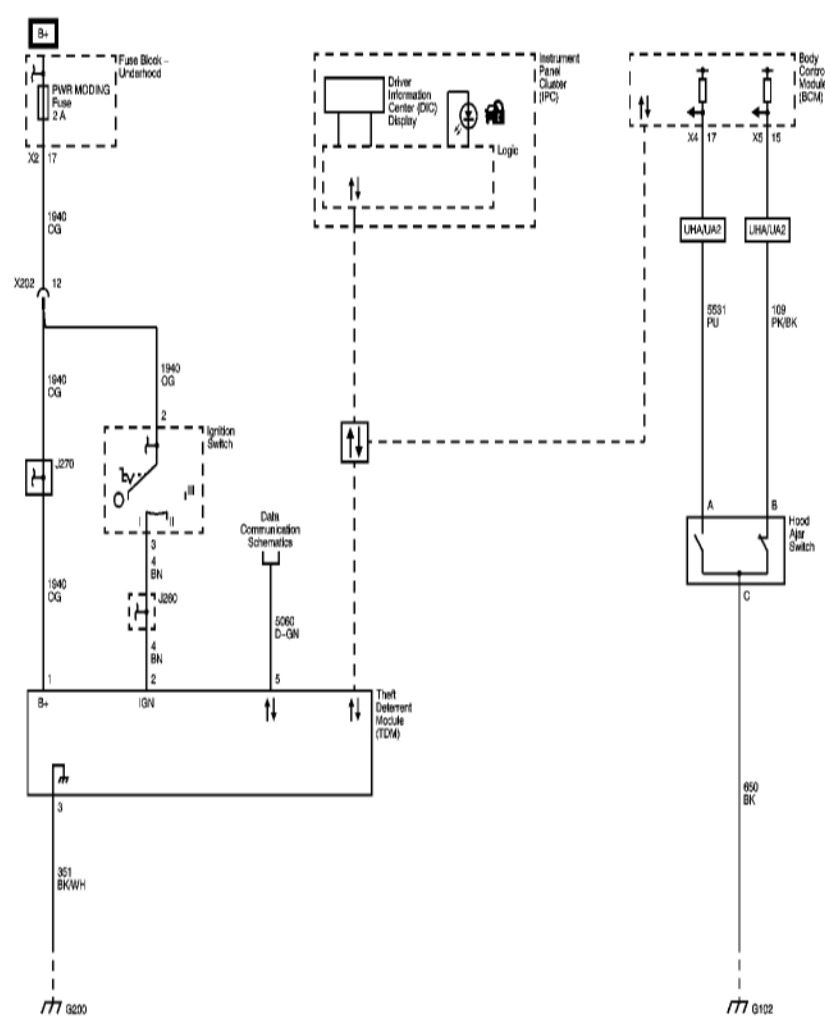
Adaptive Forward Lighting

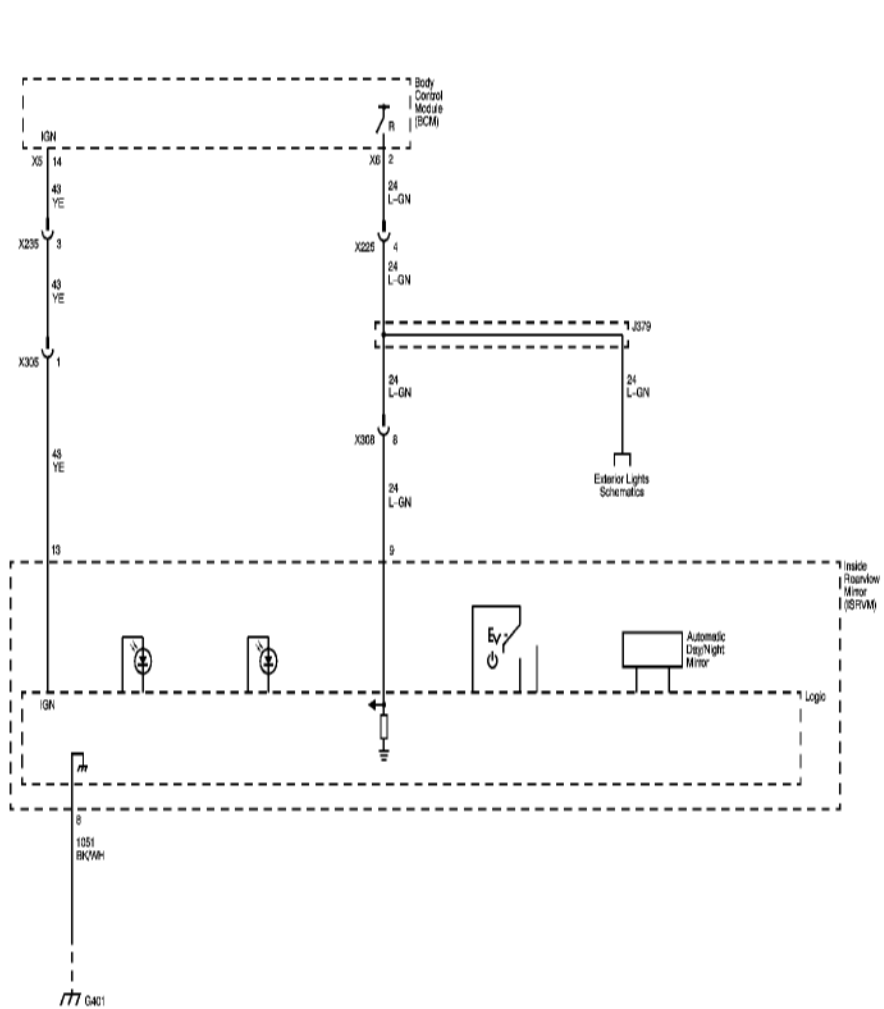




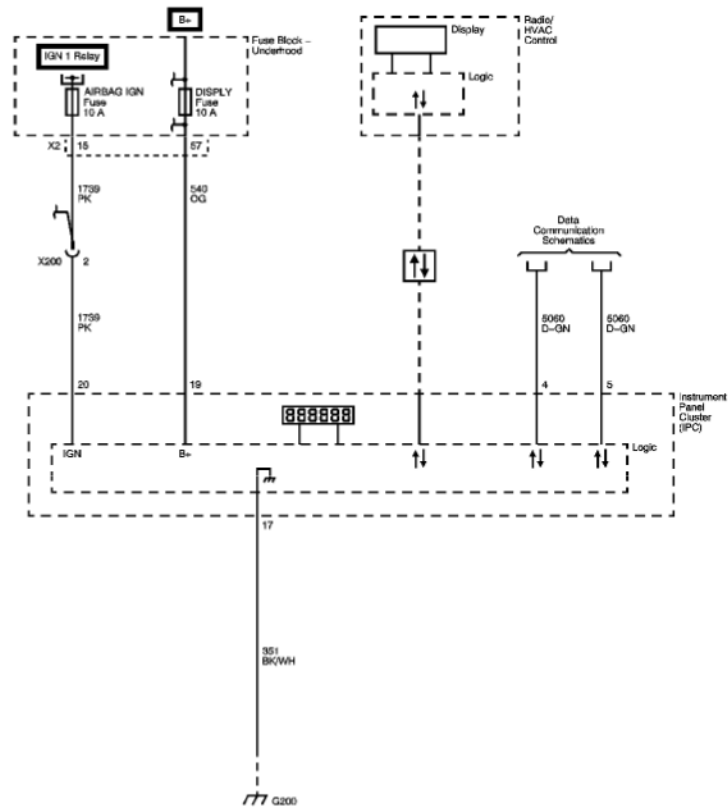






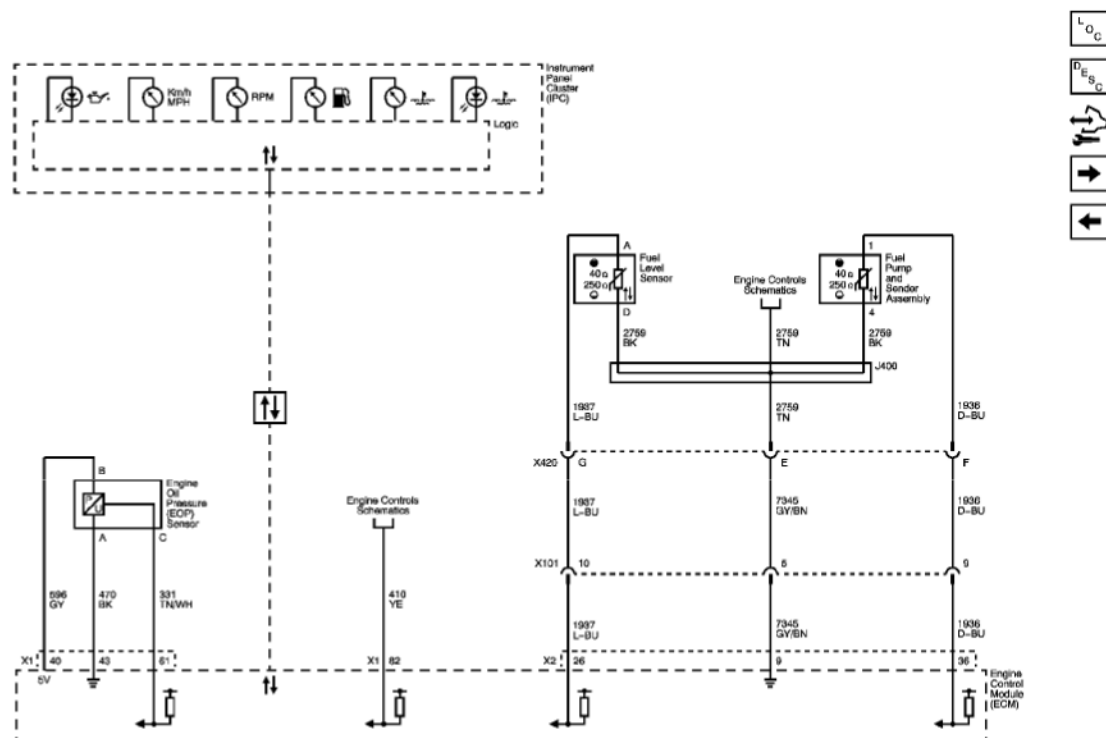


Power, Ground and Odometer

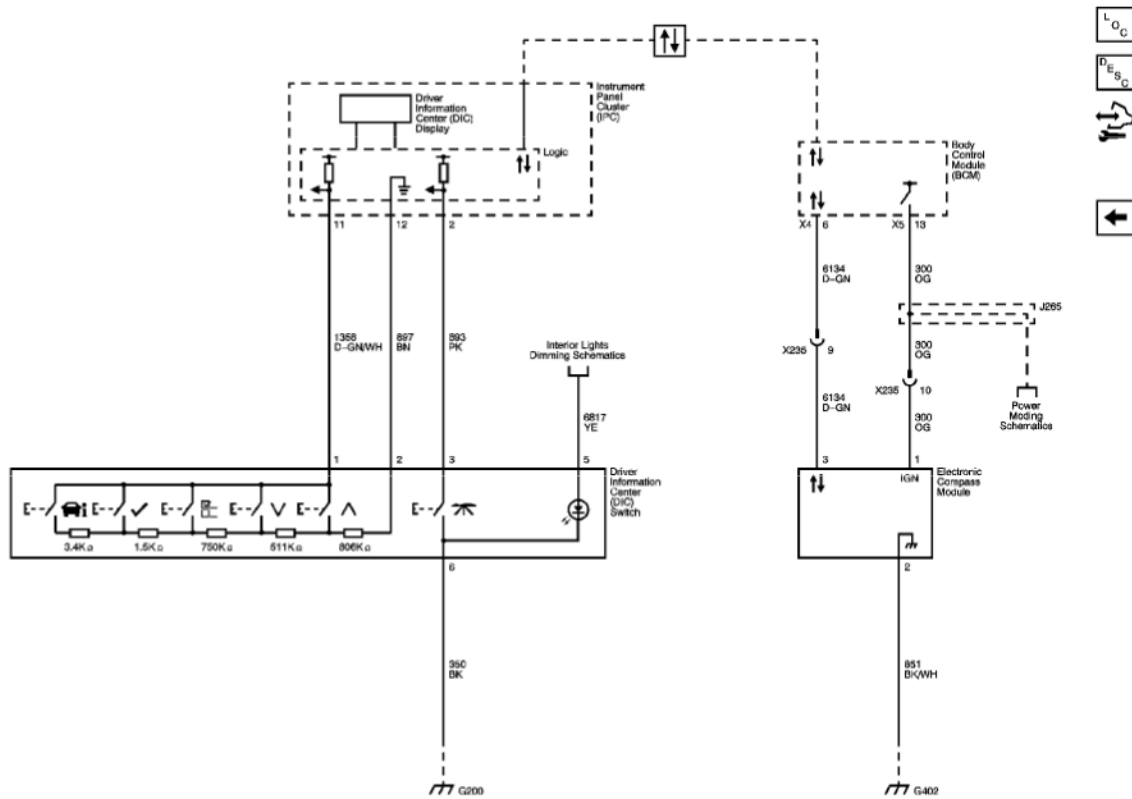


Indicators

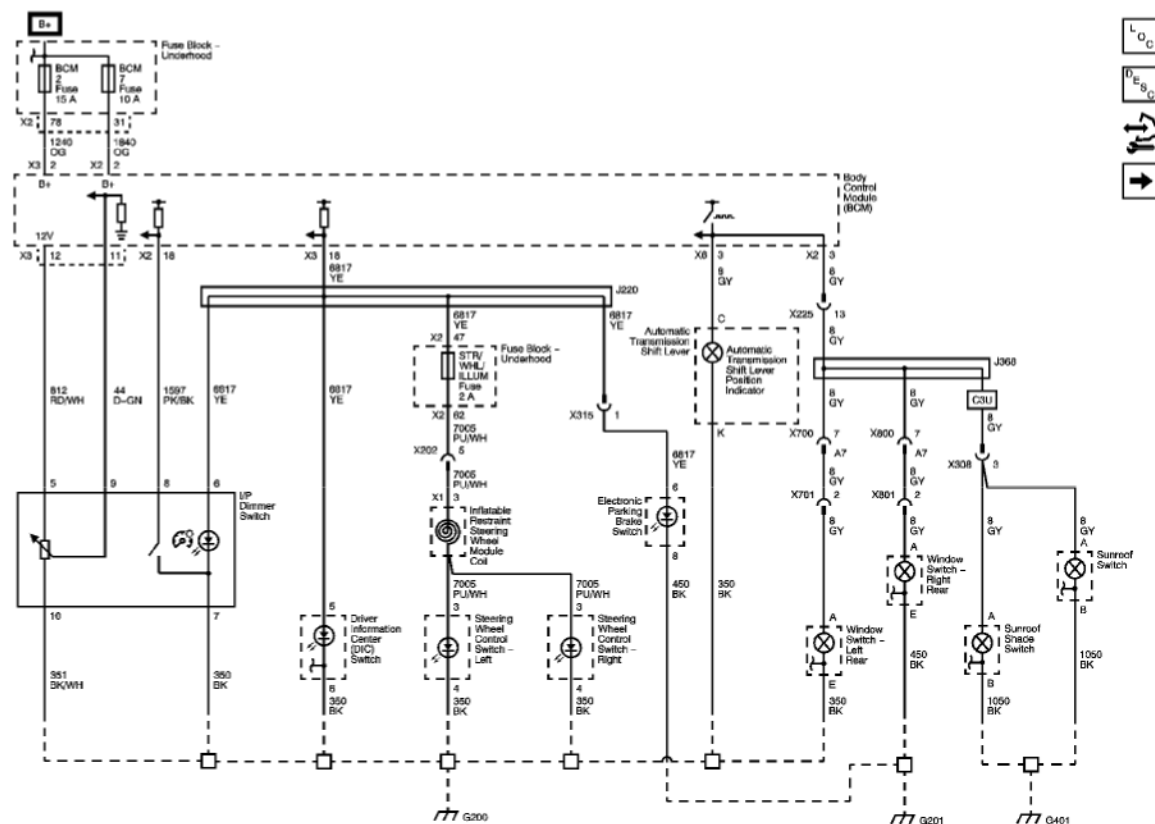




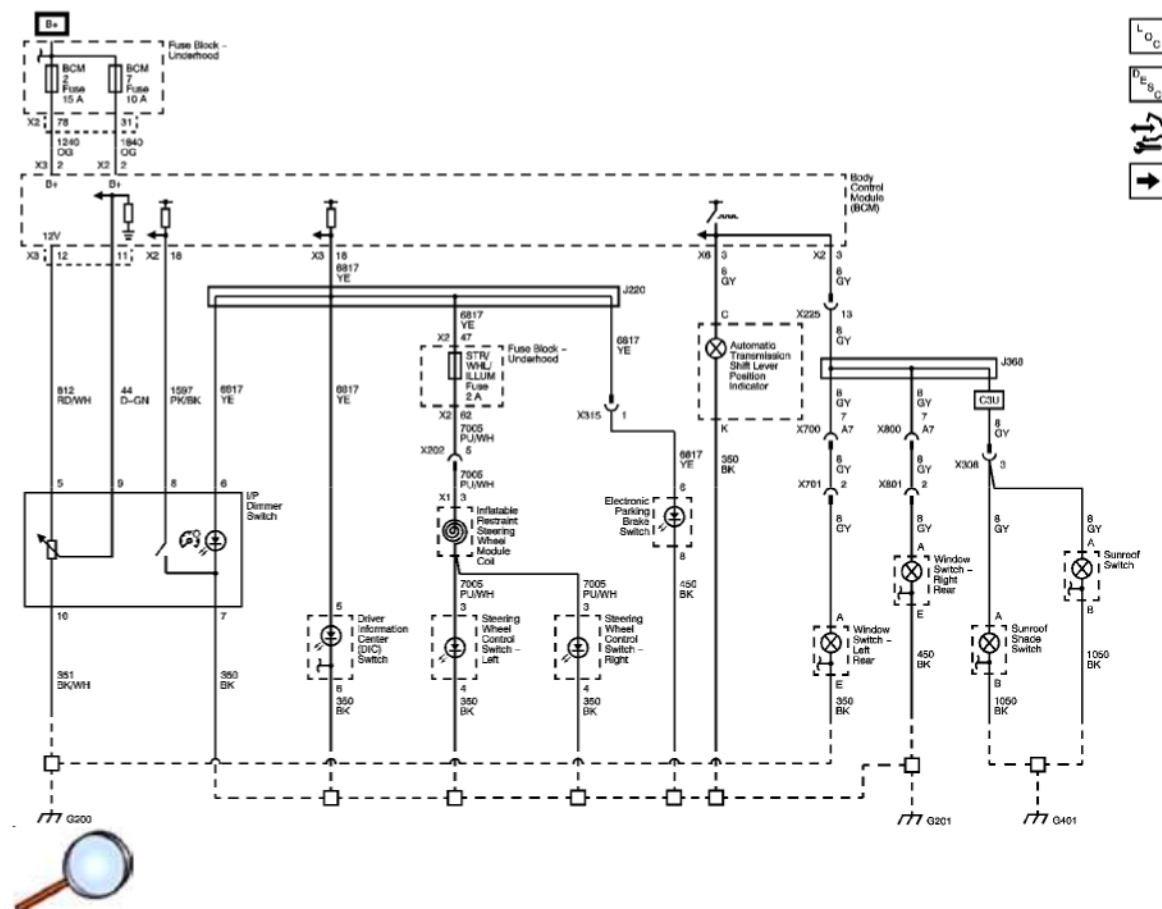
DIC



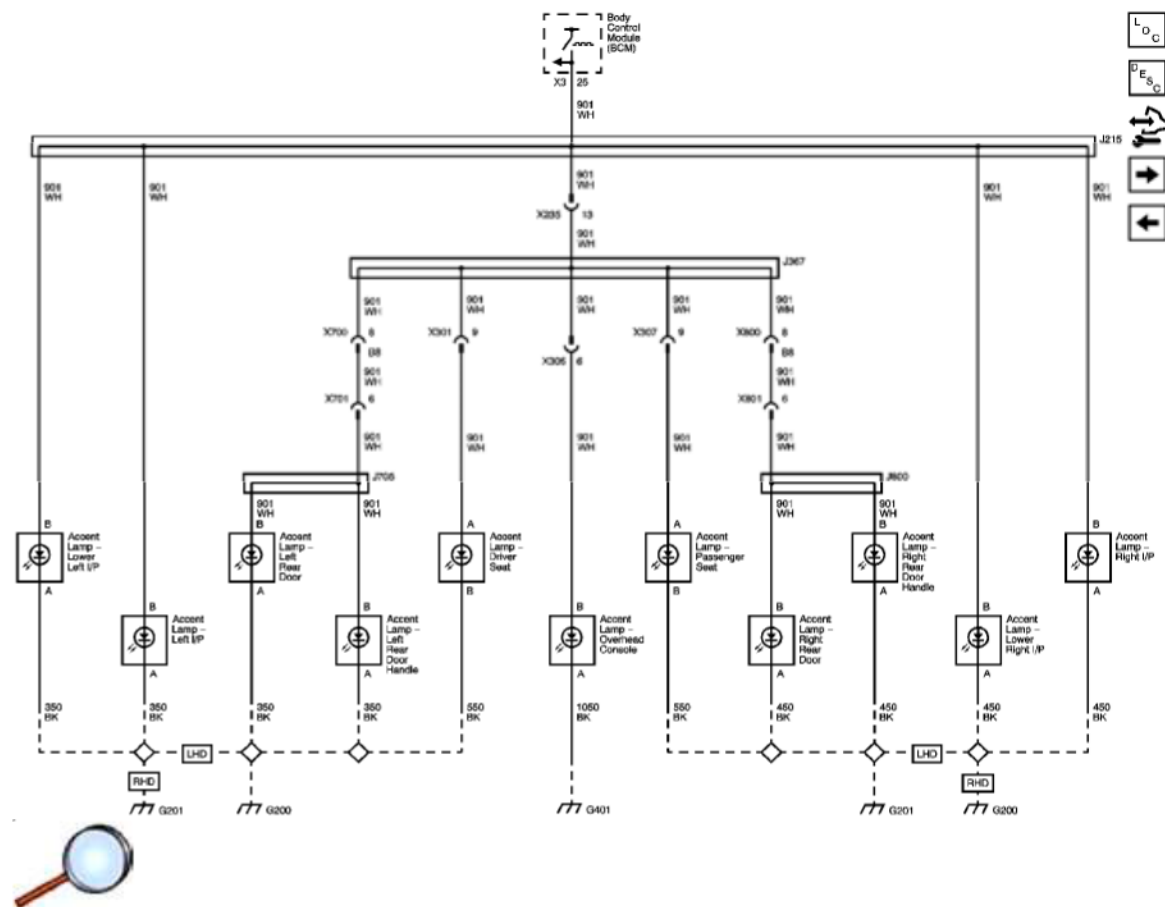
Controls, Steering Wheel, DIC, and Park Brake LED's, Shift Lever, Rear Window Switches, and Sunroof Switch Bulbs (Left Hand Drive)



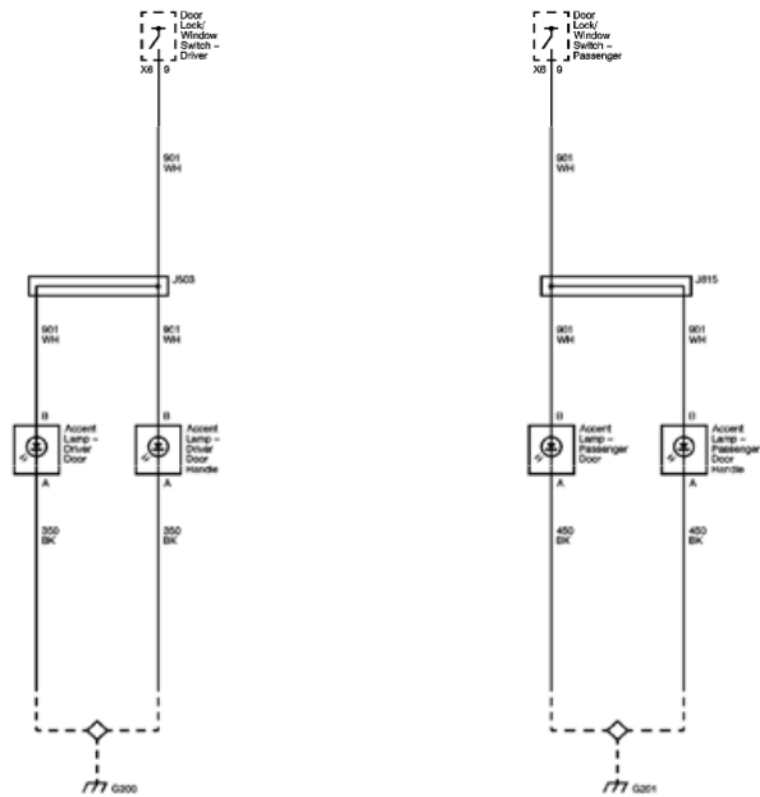
Controls, Steering Wheel, DIC, and Park Brake LED's, Shift Lever, Rear Window Switches, and Sunroof Switch Bulbs (Right Hand Drive)



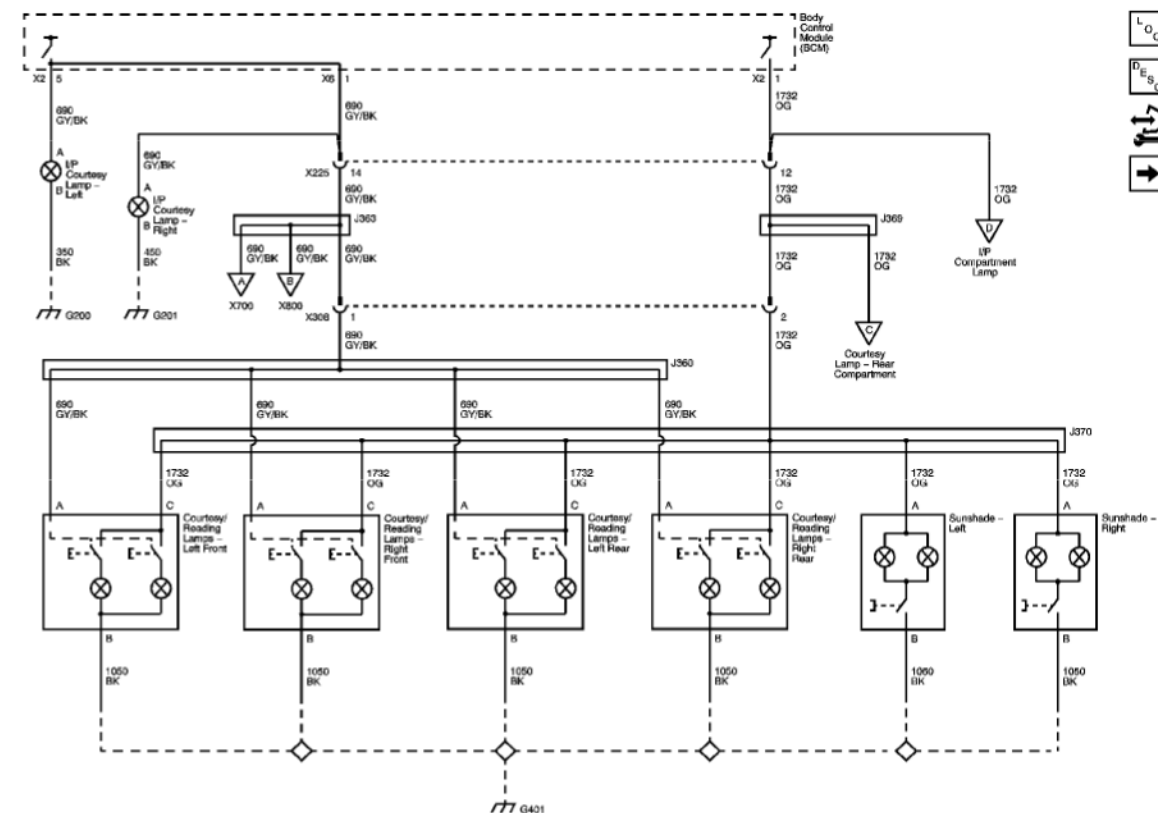
Accent Lamps 1 of 2



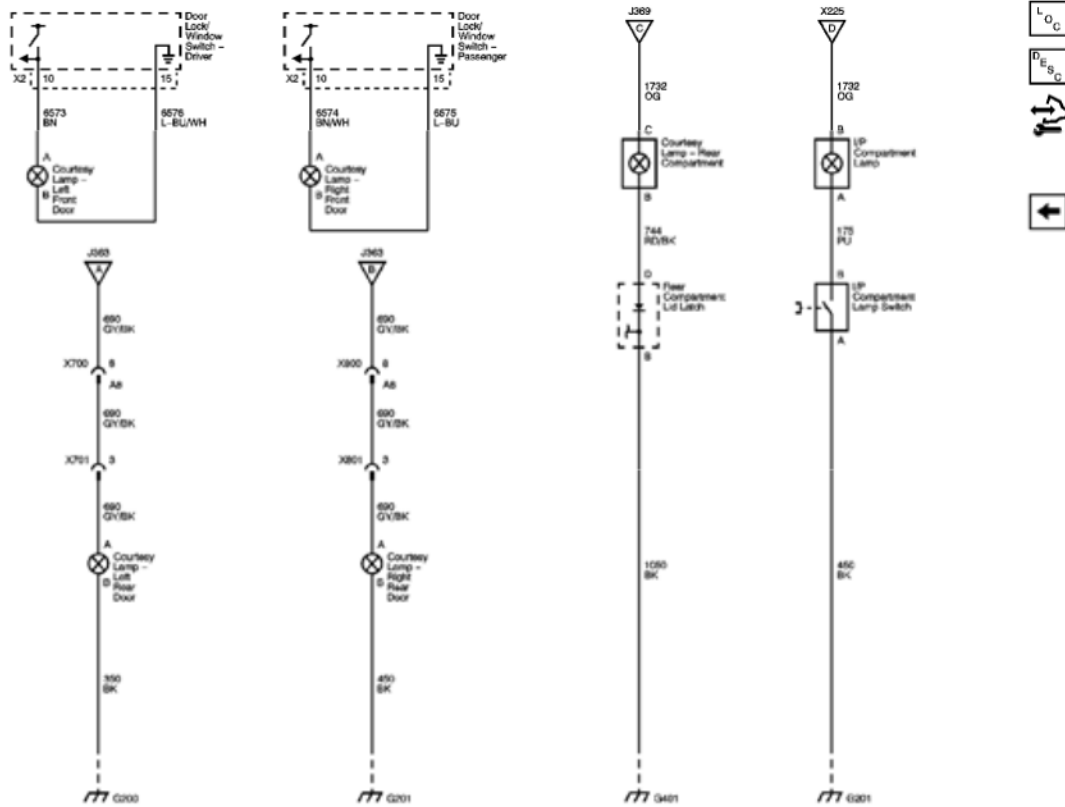
Accent Lamps 2 of 2



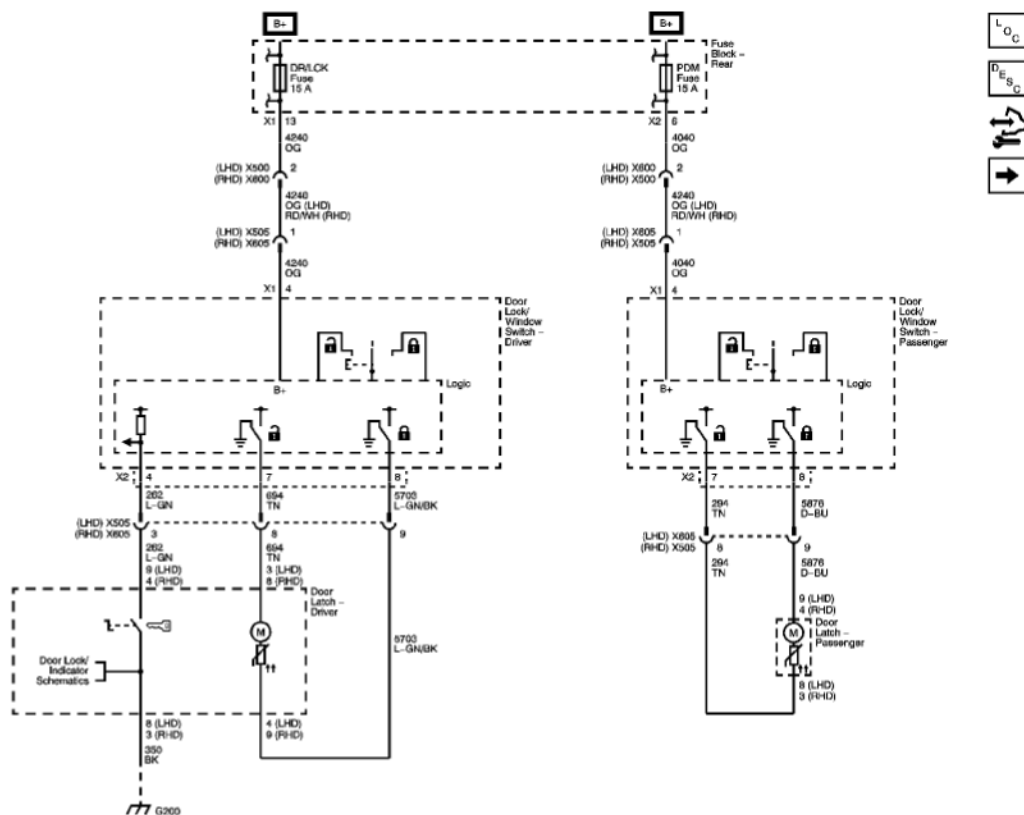
Courtesy / Reading and Sunshade Lamps 1 of 2



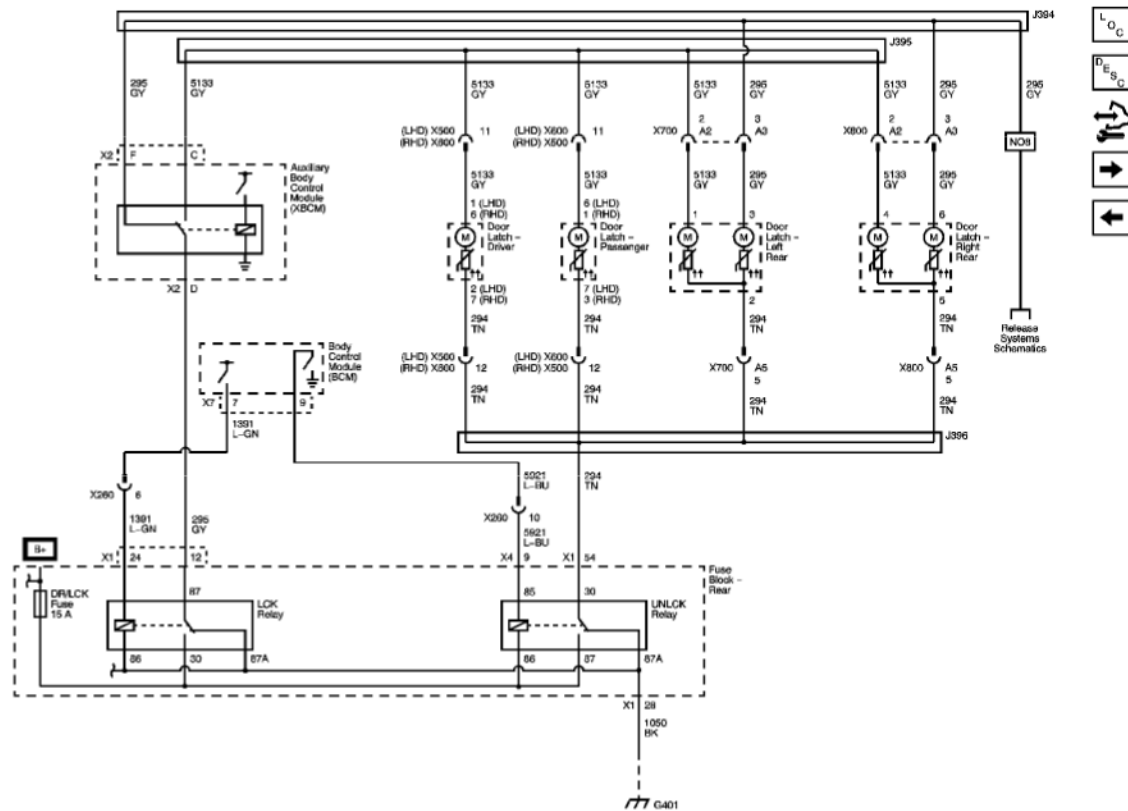
Courtesy Lamps 2 of 2



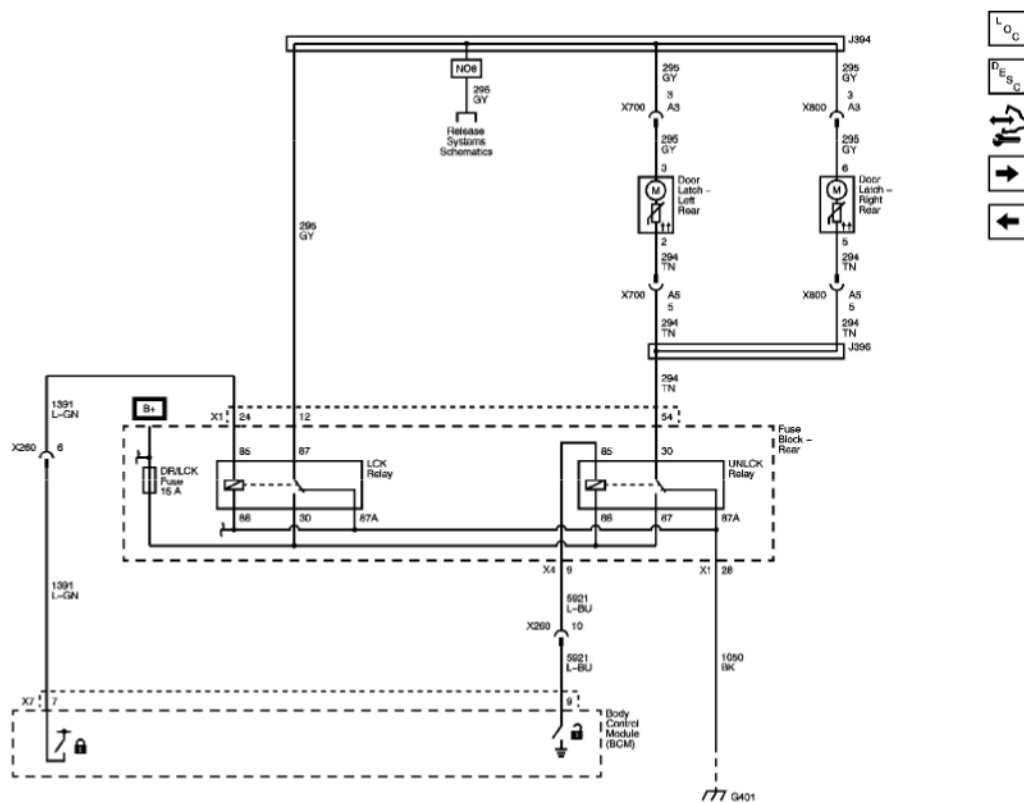
Front Doors



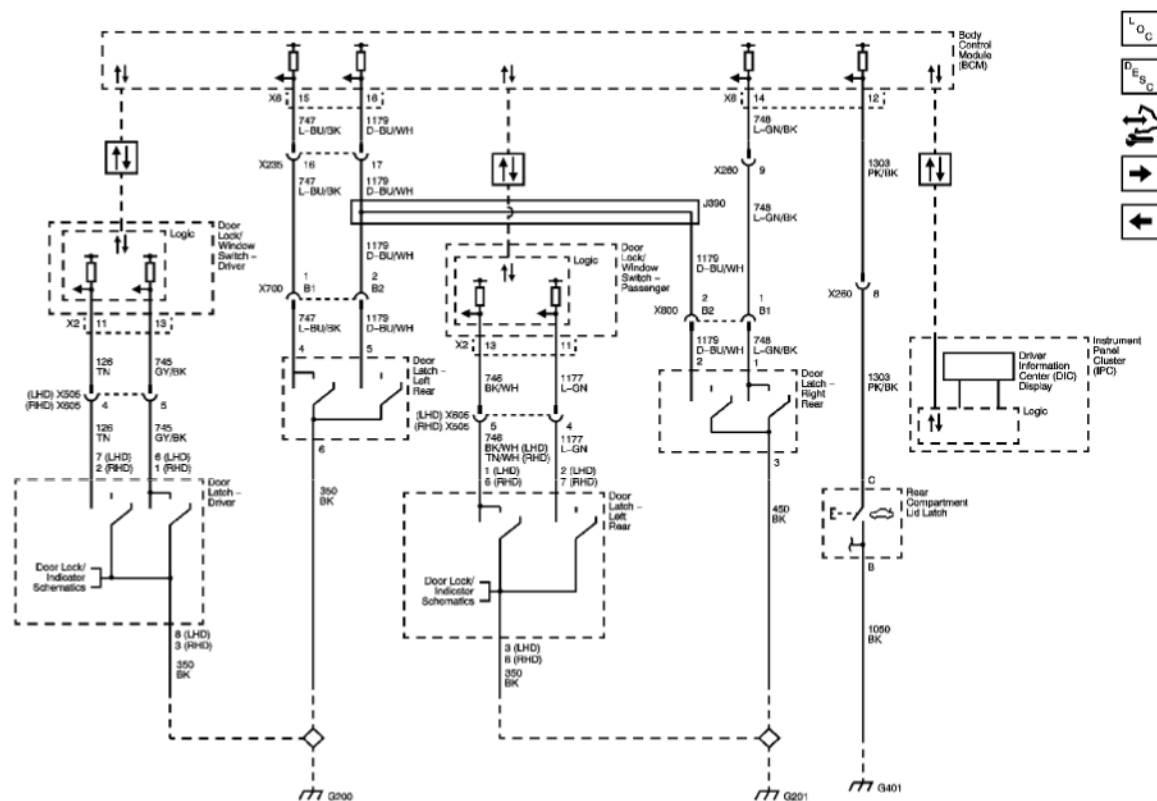
Rear Doors Without UA2

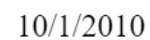


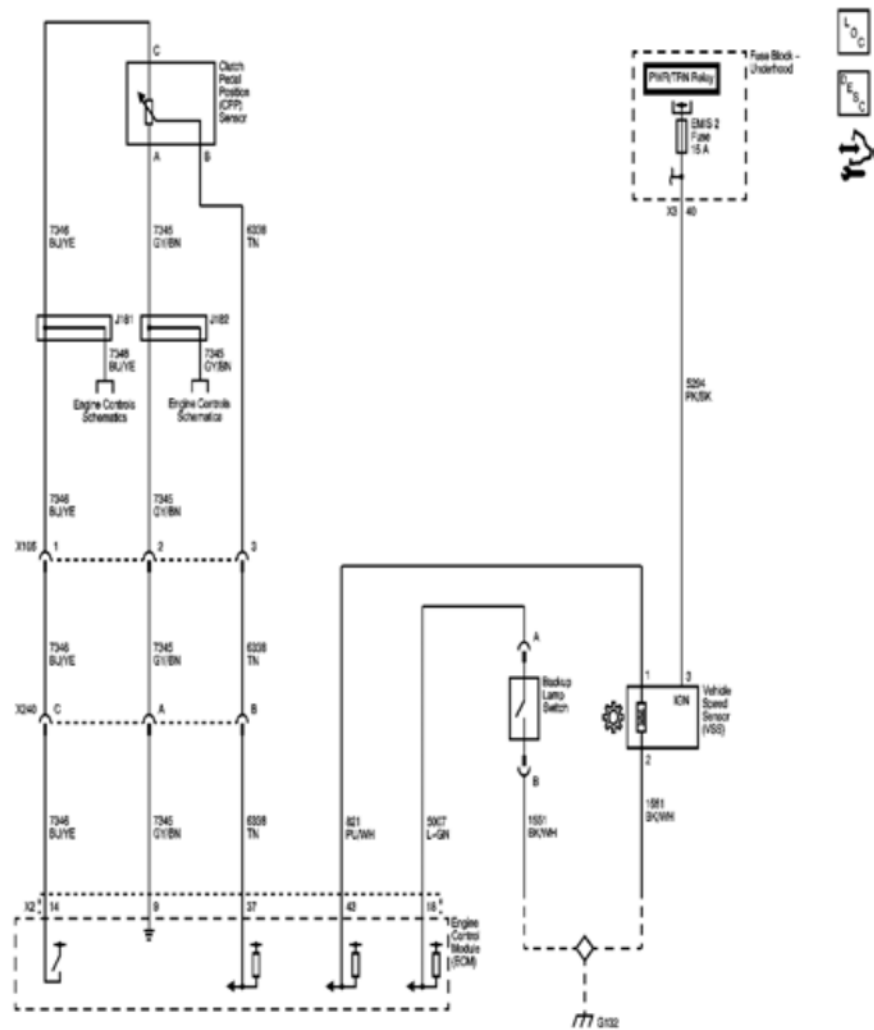
Rear Doors (UA2)



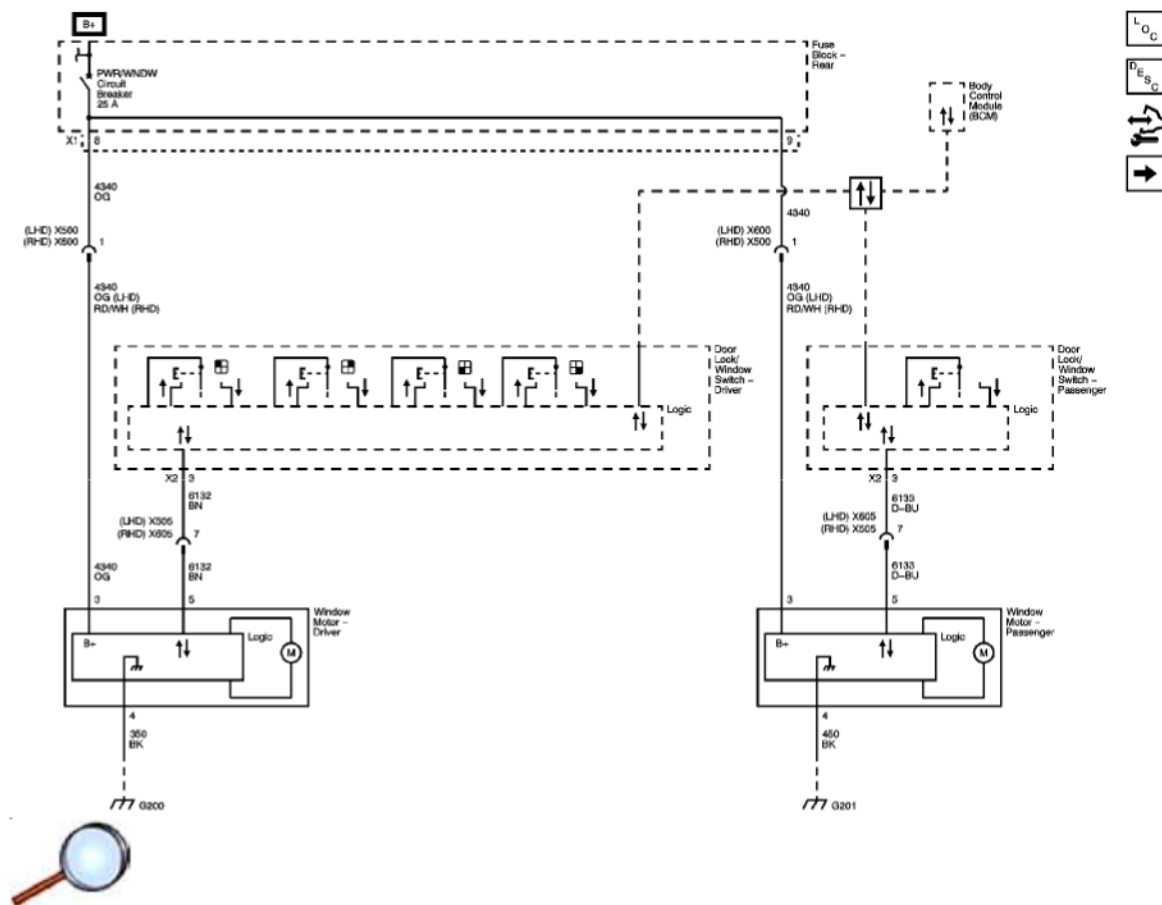
Ajar Switches



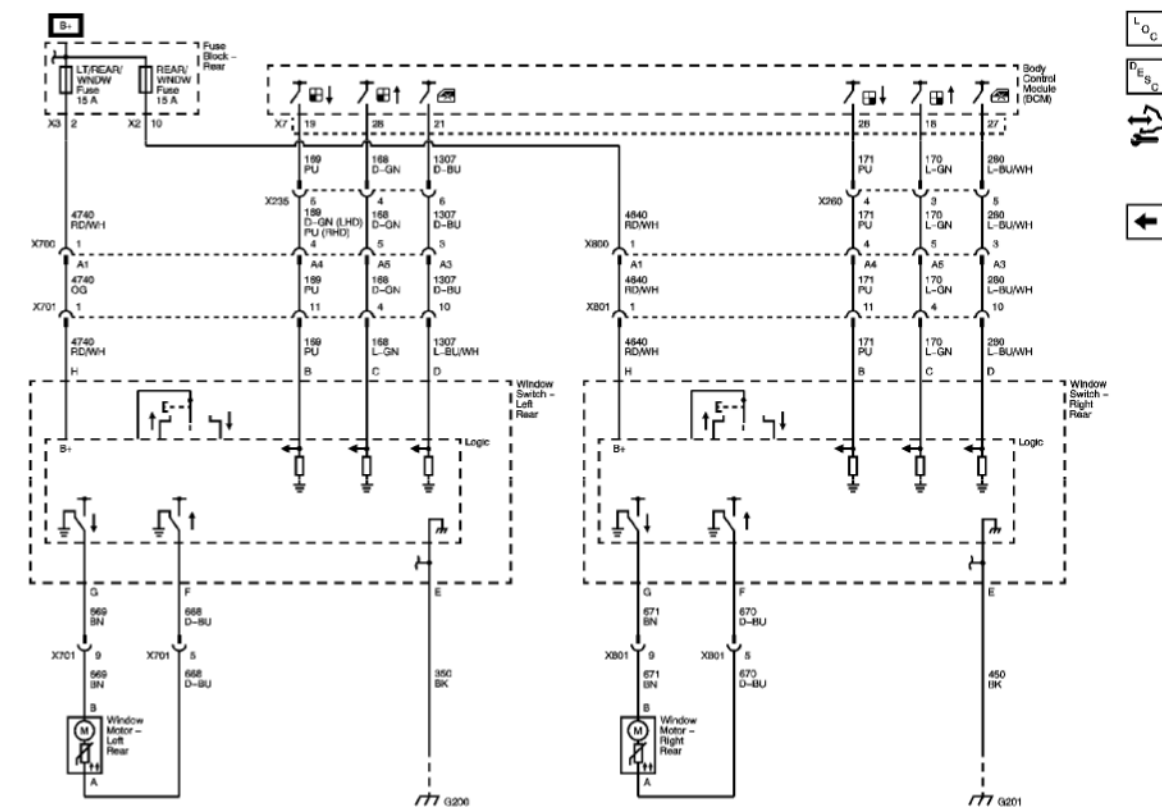




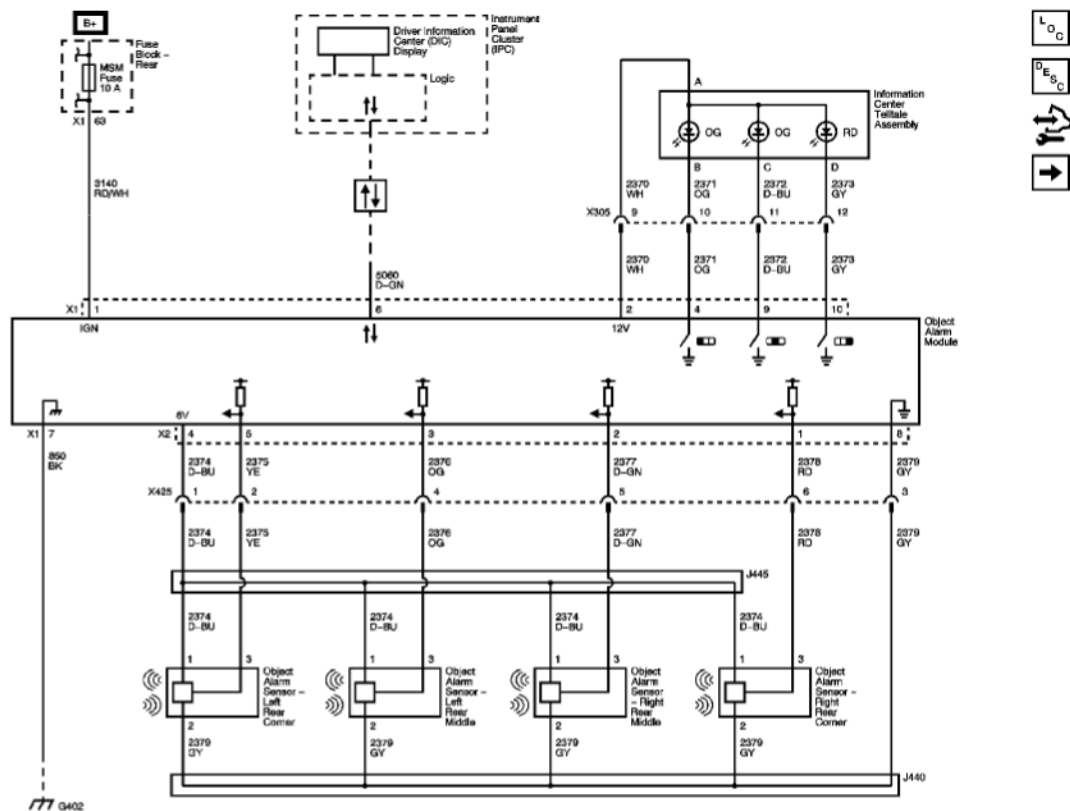
1 of 2 Front



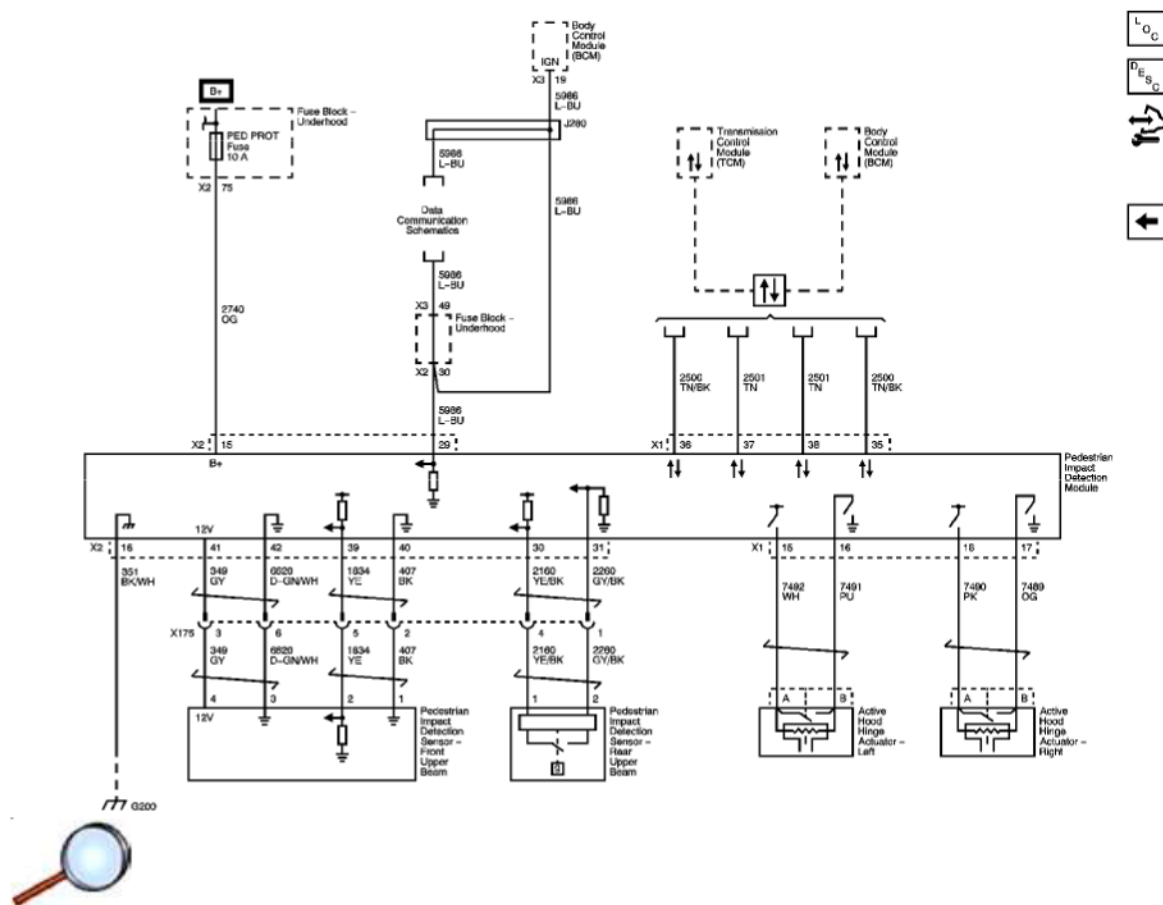
2 of 2 Rear



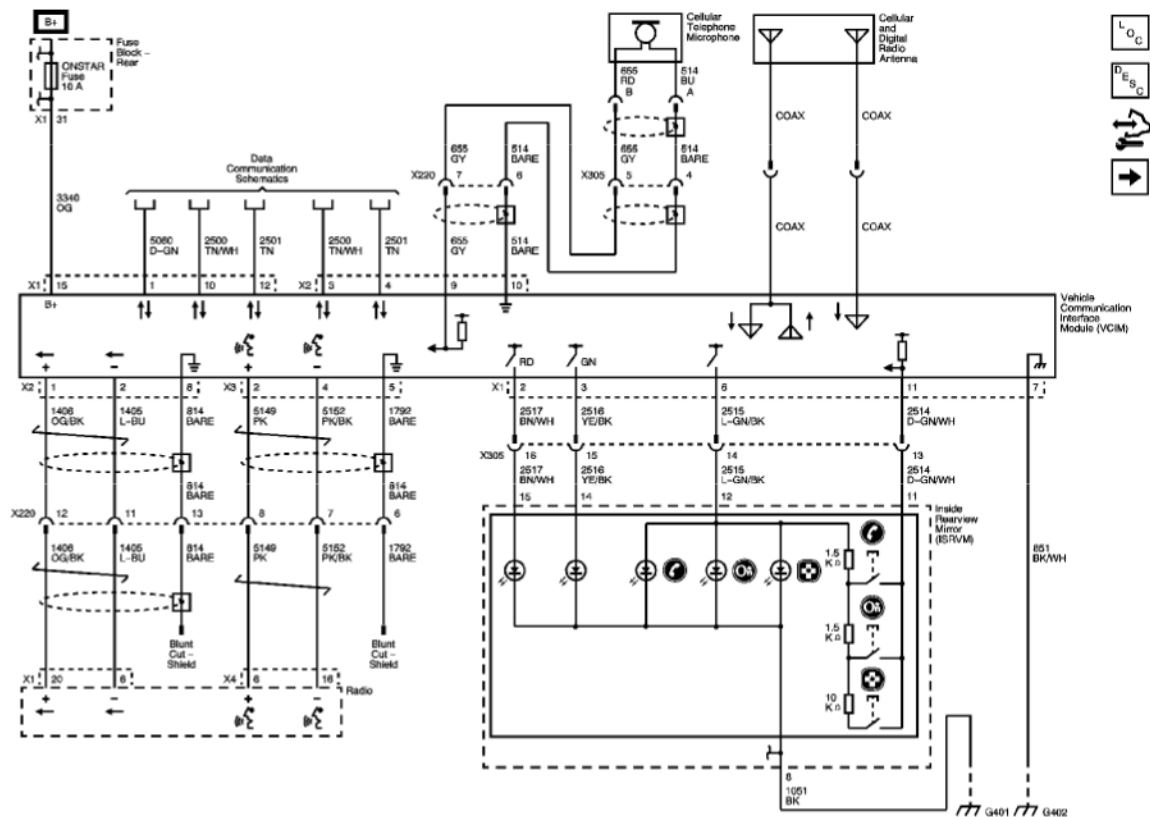
UD7



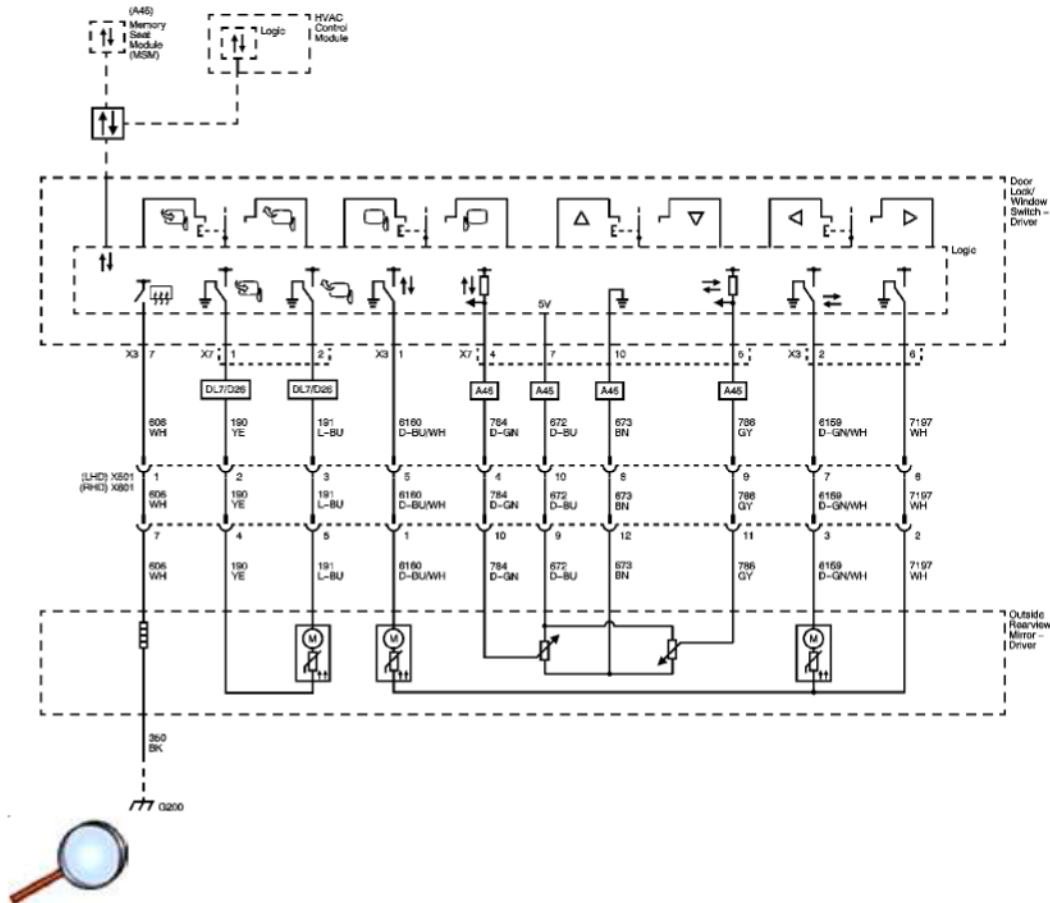
Pedestrian Impact Detection System -B37



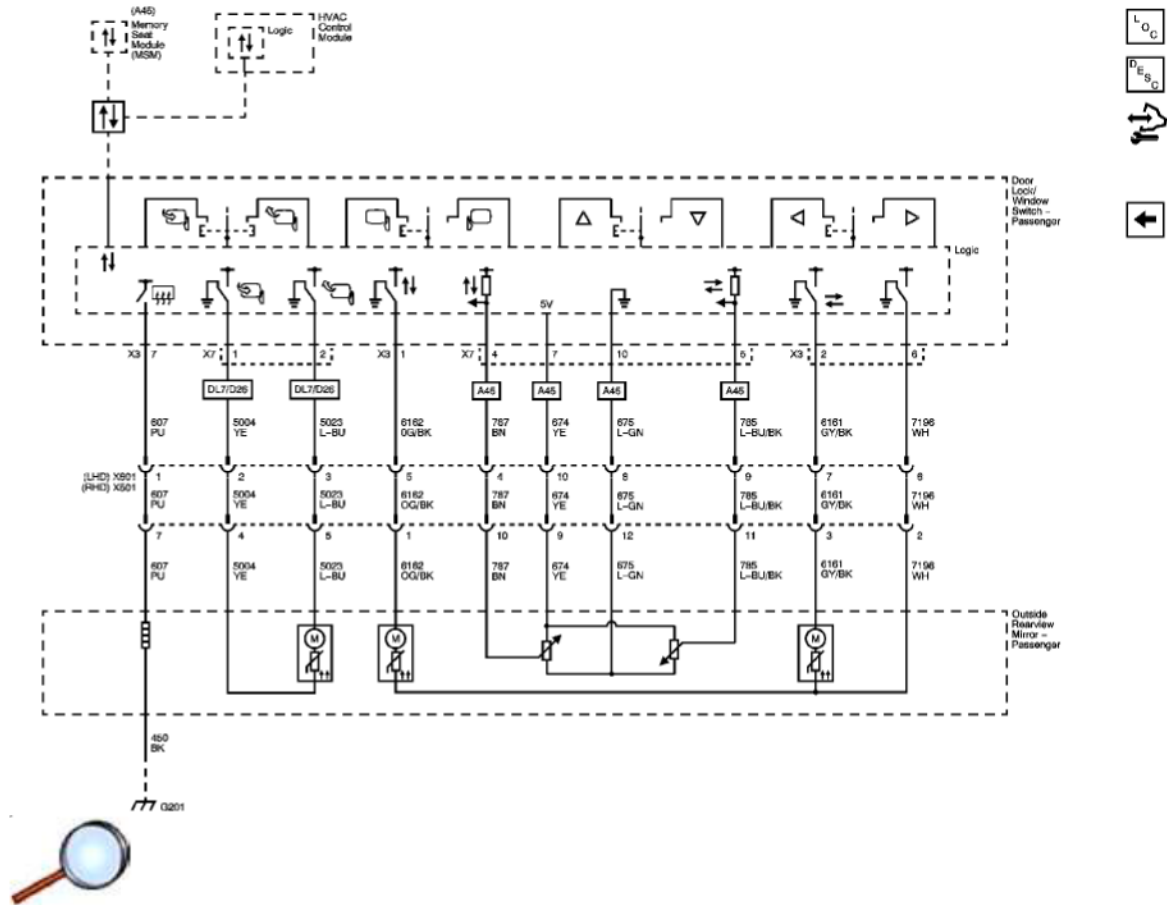
OnStar

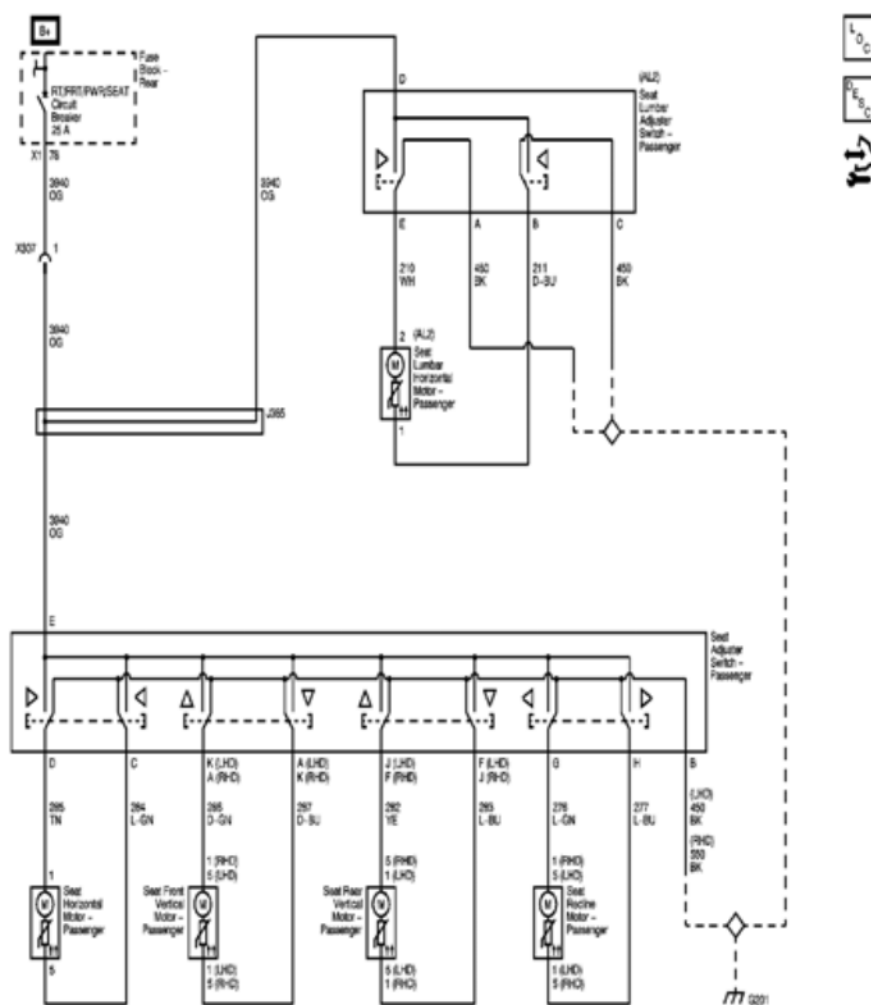


Driver

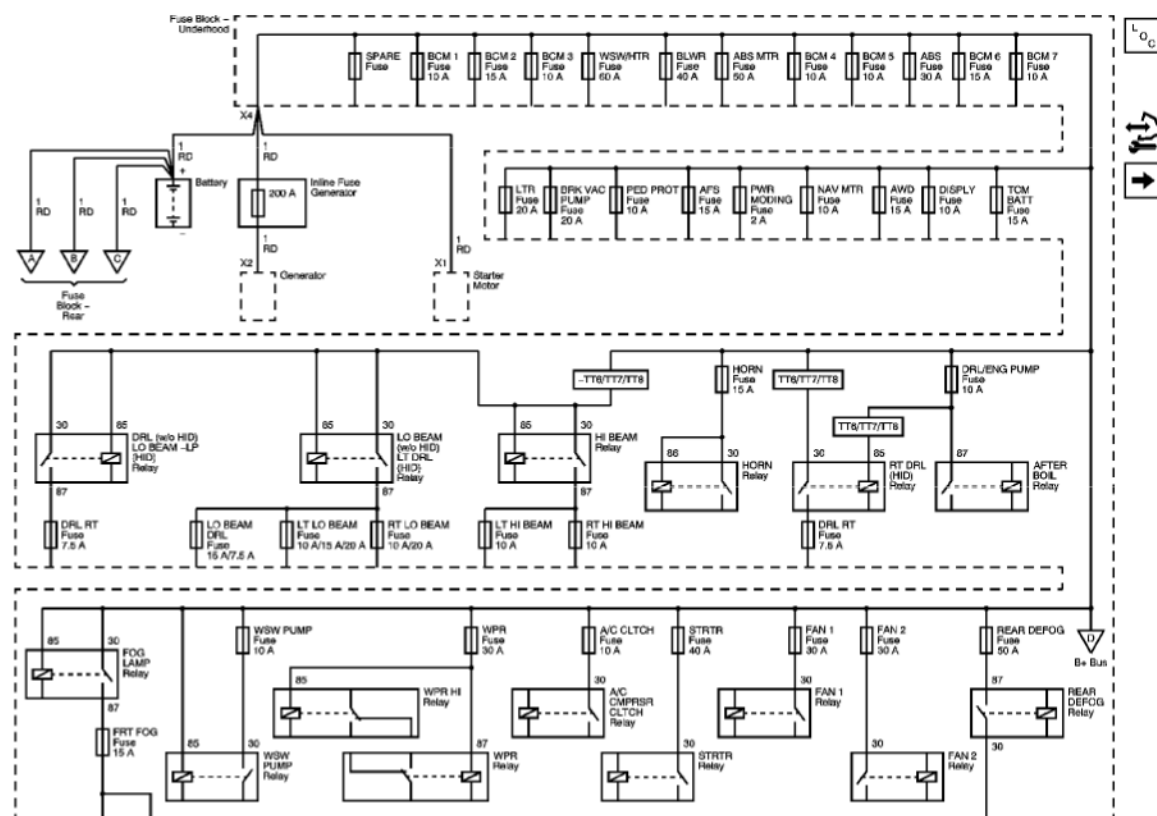


Passenger

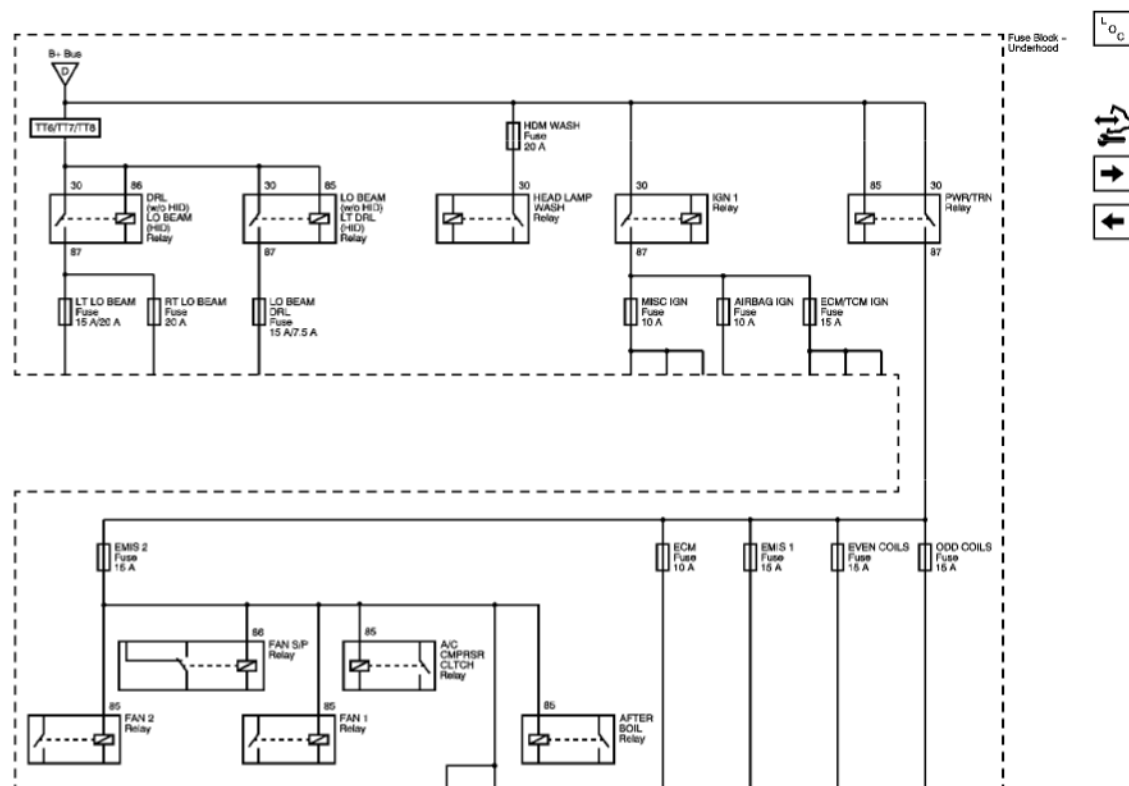




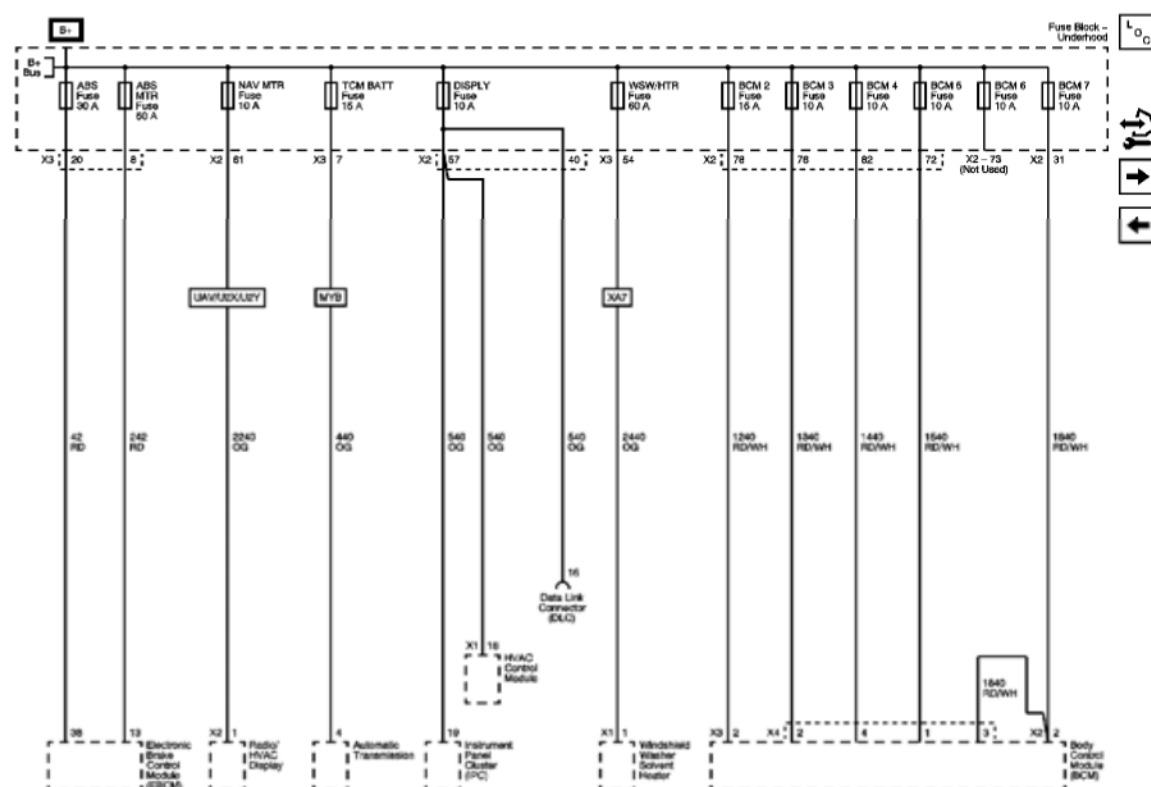
B+ Bus 1 of 2



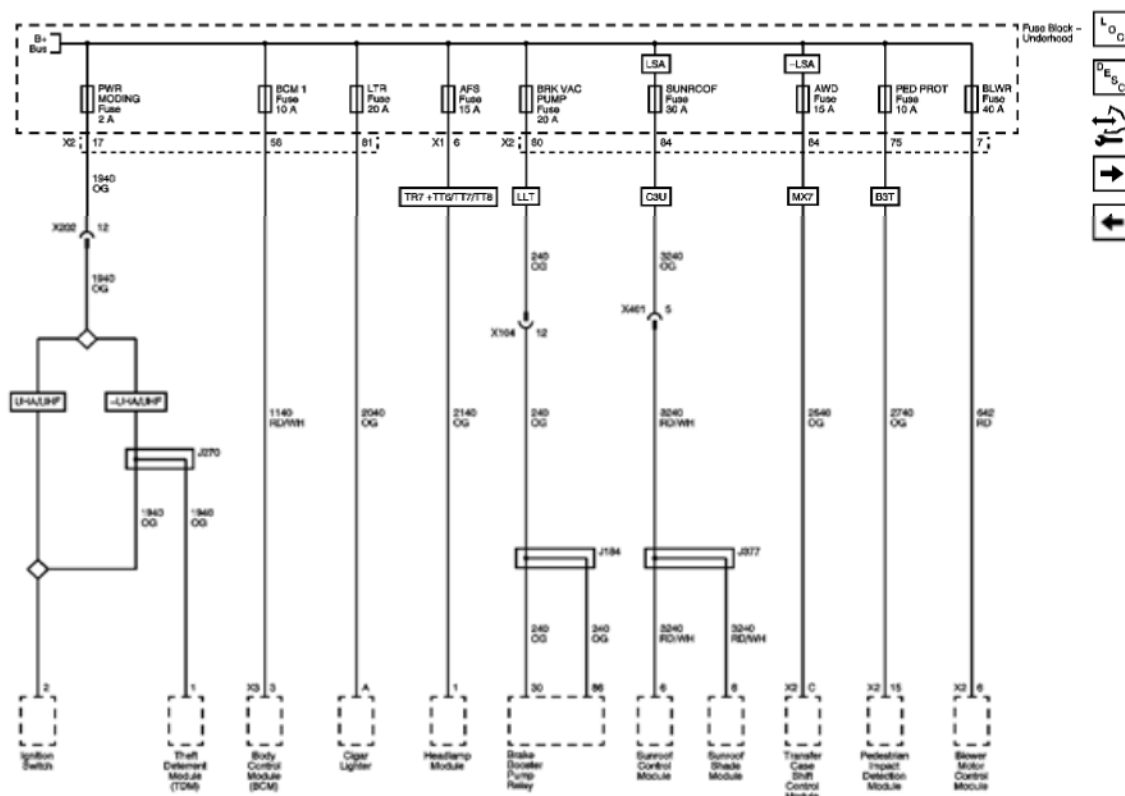
B+ Bus 2 of 2



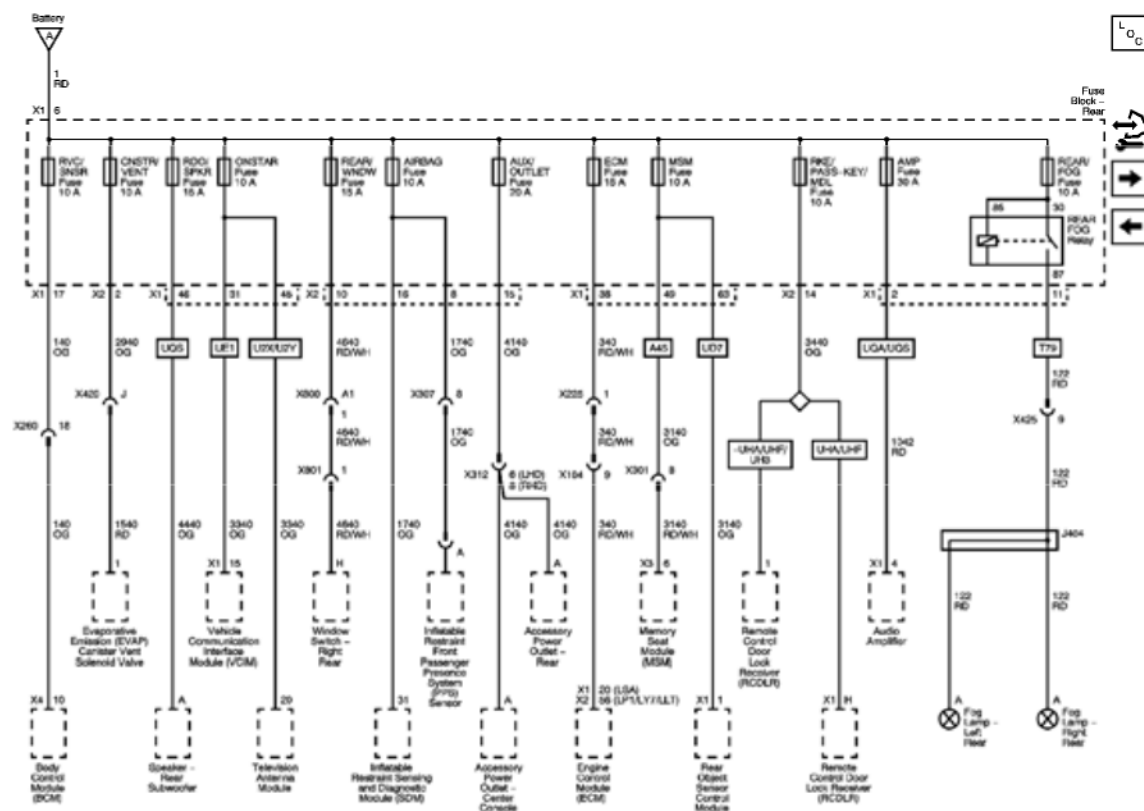
ABS, ABS MTR, BCM 2, BCM 3, BCM 4, BCM 5, BCM 6, BCM 7, DISPLAY, HTD WASH, NAV MTR, and TCM BATT Fuses



AFS, AWD, BCM1, BLWR, CIG, PED PRO, PWR MODING, and TRANS PUMP Fuses

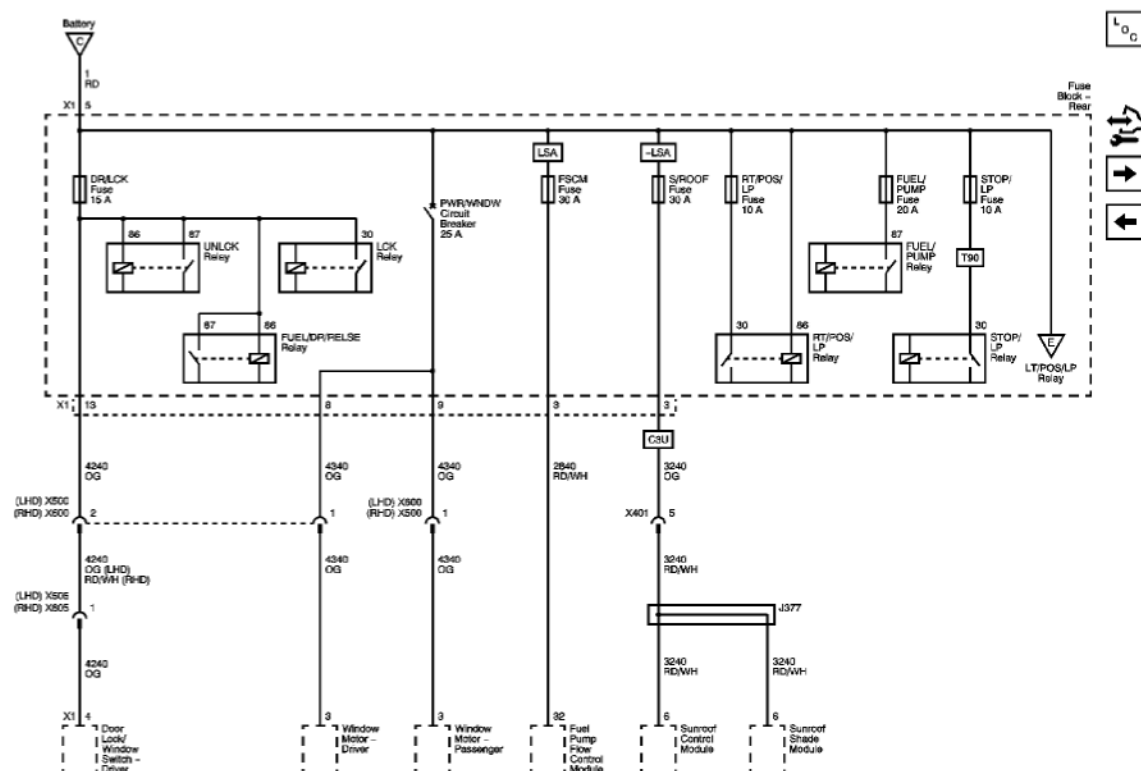


AIRBAG, AMP, AUX OUTLET, CNSTR/VENT, ECM, MSM, ONSTAR, RDO/SPKR, REAR FOG, REAR/WNDW, RKE/PASS-KEY/MDL, and RVC/SNSR Fuses

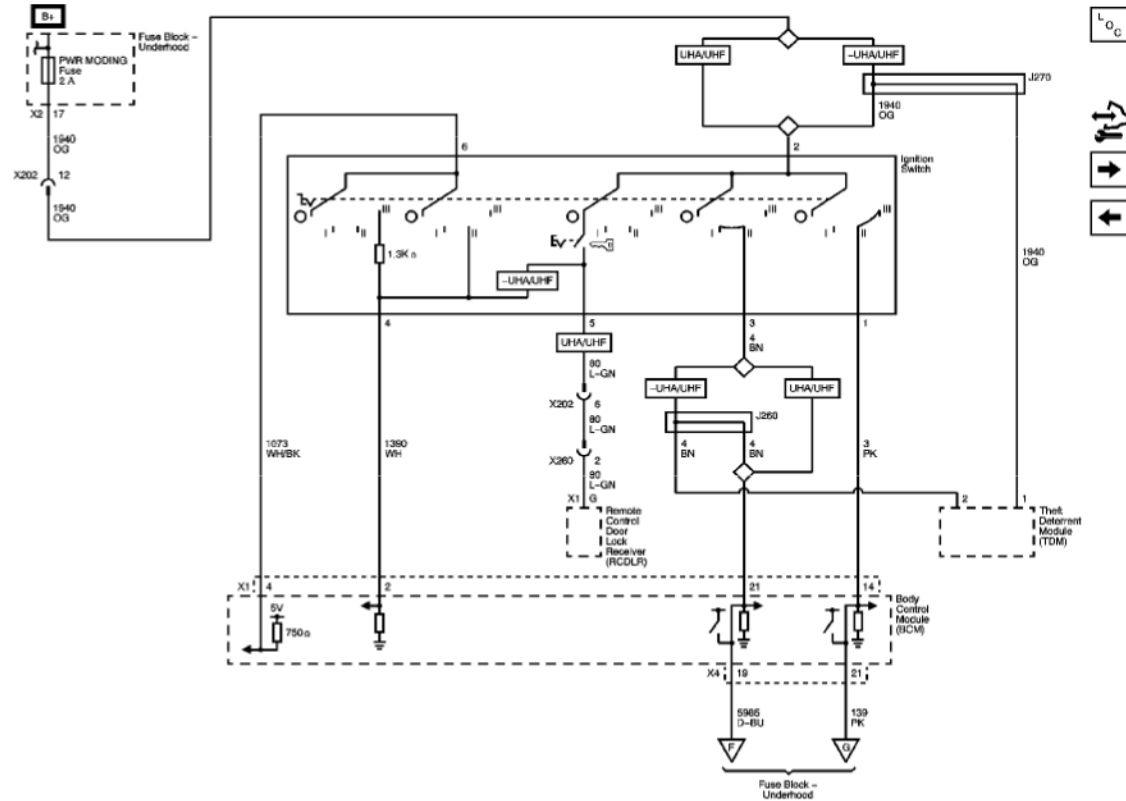




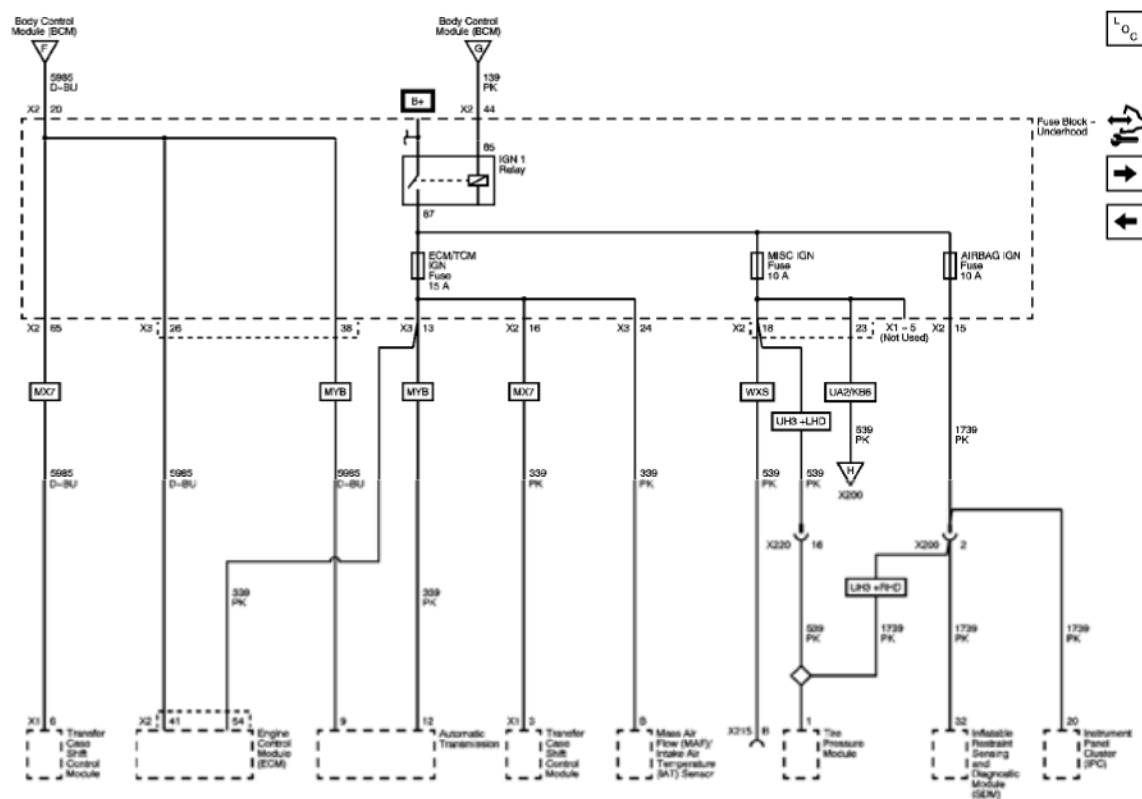
DR/LCK, FUEL PUMP, RT/POS/LP, S/ROOF and STOP/LP Fuses, PWR/WNDW Circuit Breaker



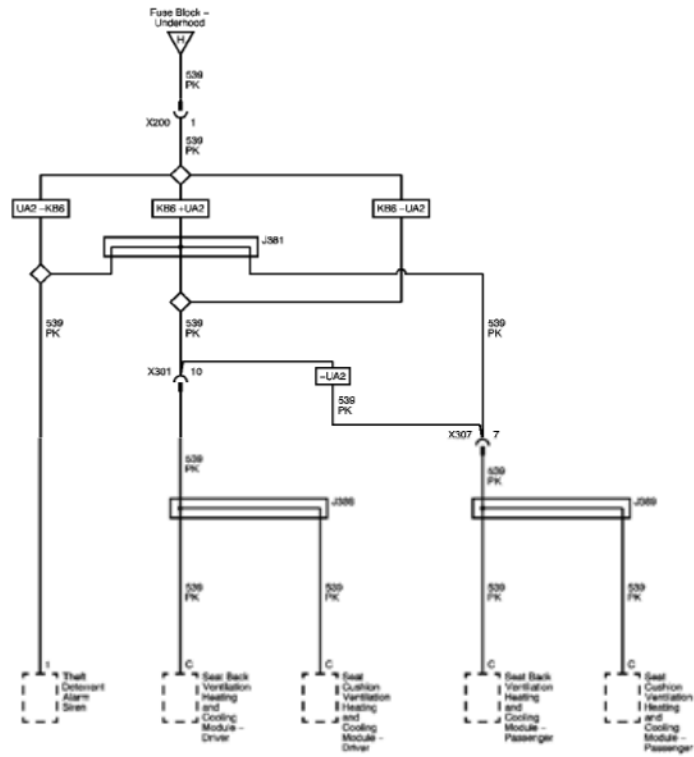
Ignition Switch



ECM / TCM, MISC IGN 1 of 2 and SIR IGN Fuses, IGN I / II and II / III



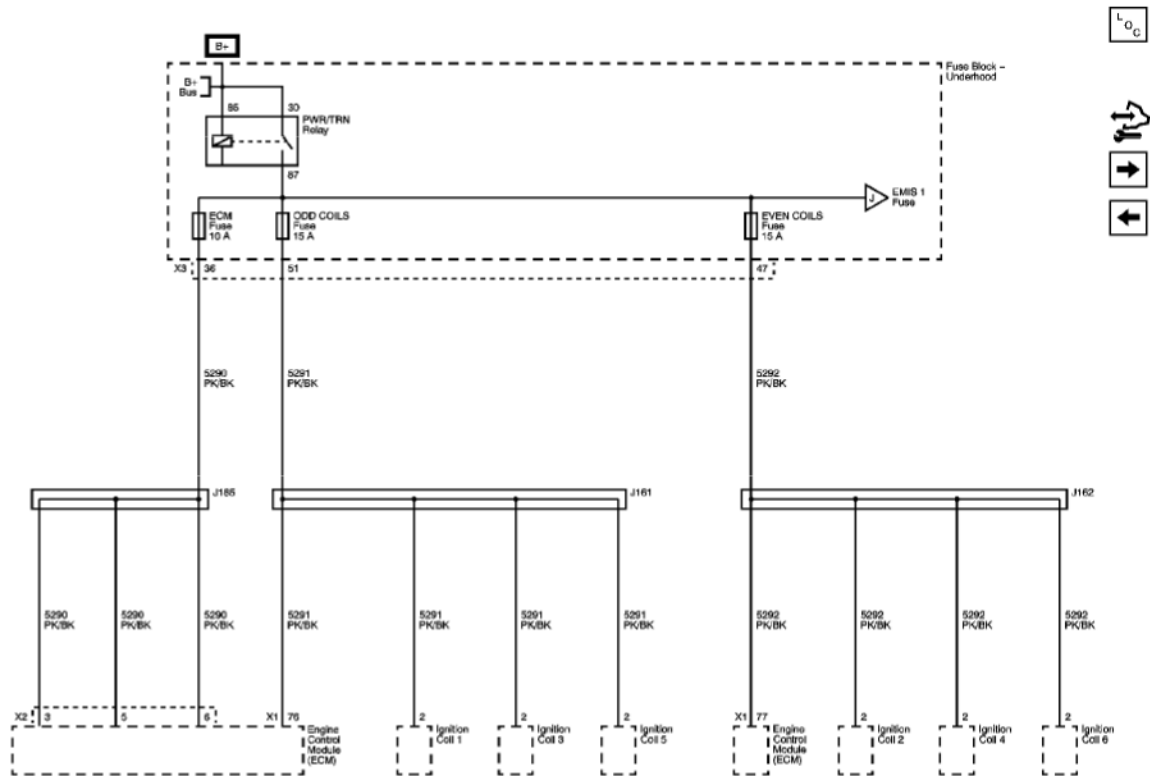
MISC IGN Fuse 2 of 2



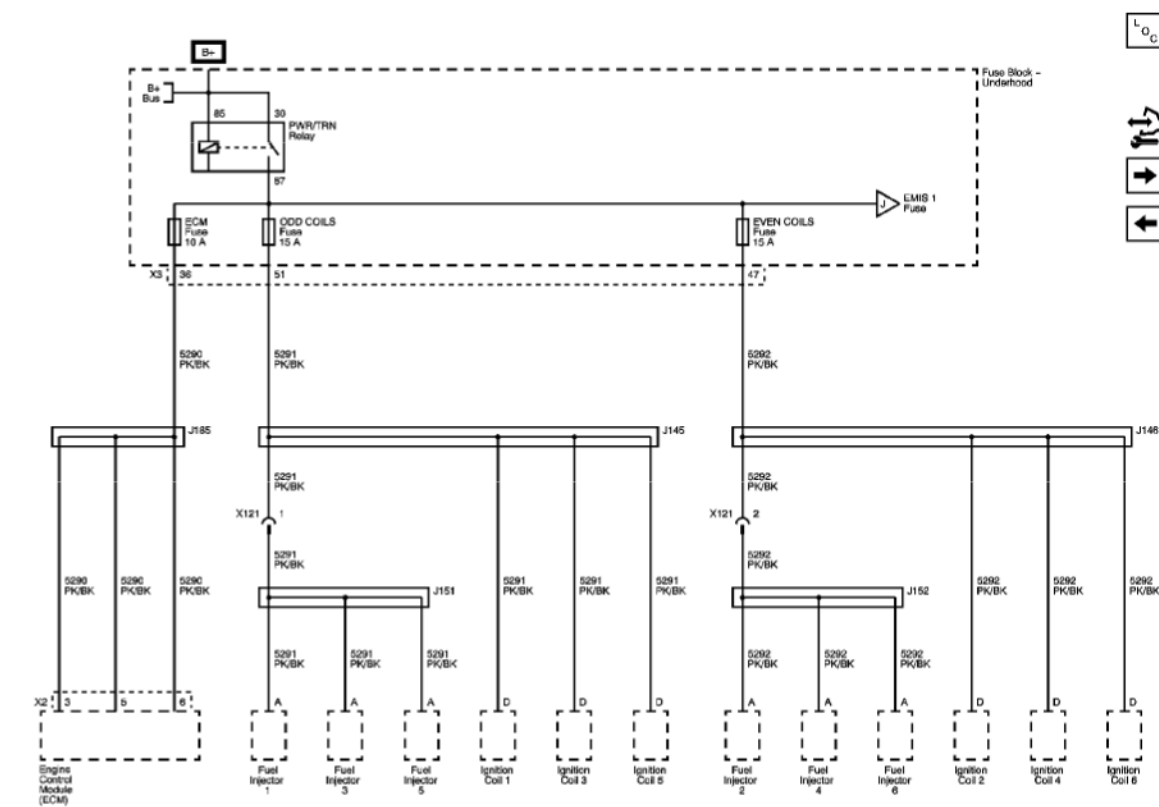
L_OC



EVEN COILS, ODD COILS and SPEED SNSR Fuses - LLT

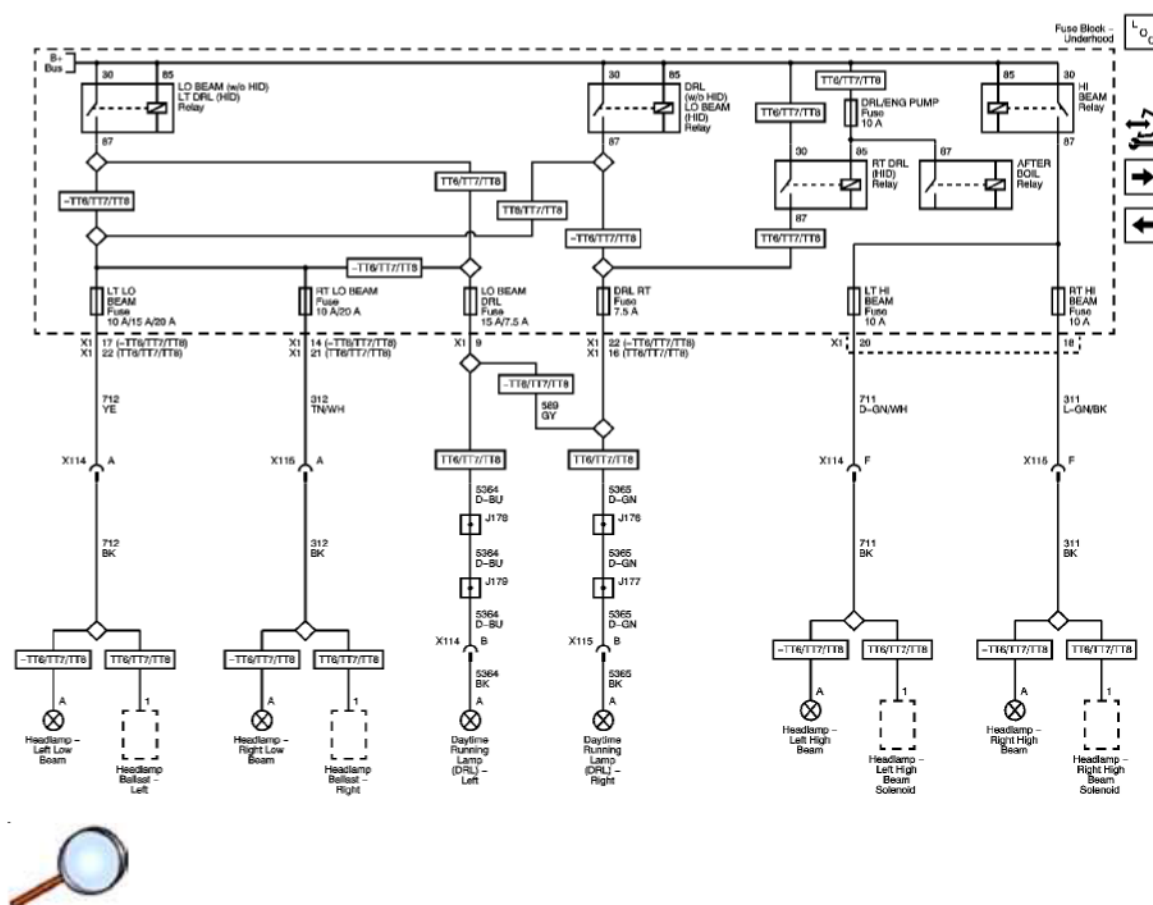


EVEN COILS, ODD COILS and SPEED SNSR Fuses - LP1 / LY7

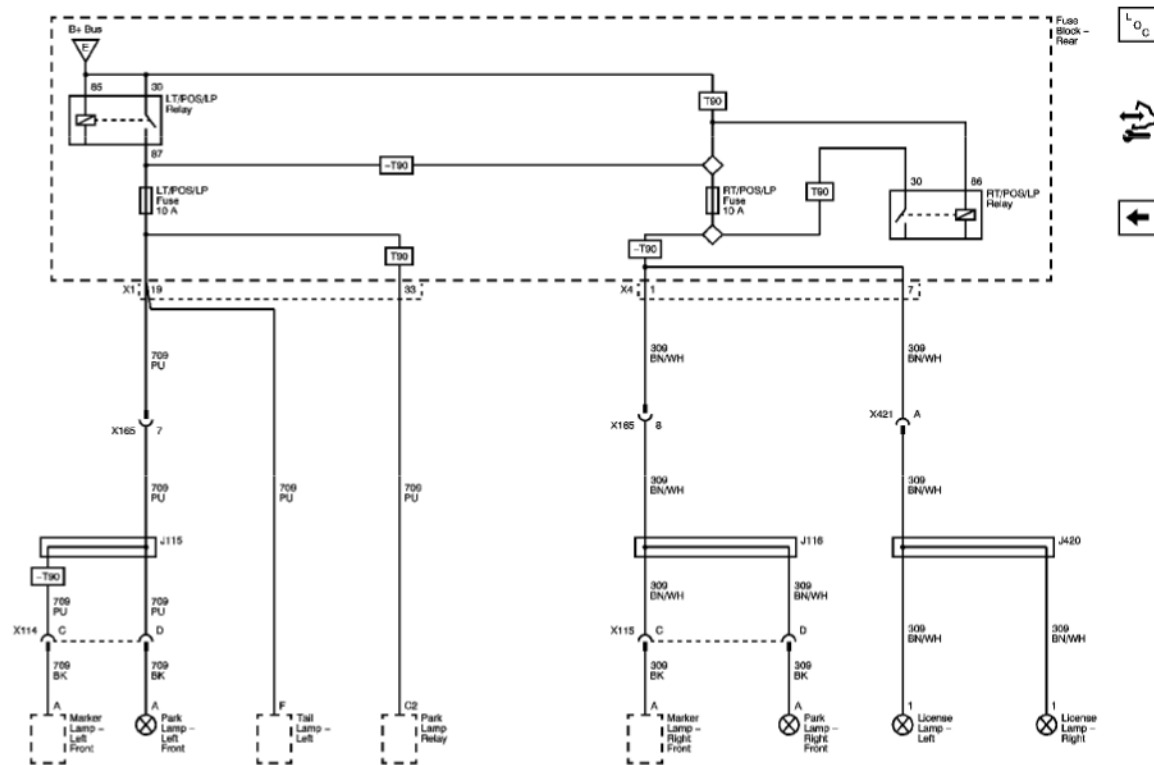




DRL, DRL RT, LO BEAM DRL LH, LT HI BEAM, LT LO BEAM, RT HI BEAM and RT LO Fuses

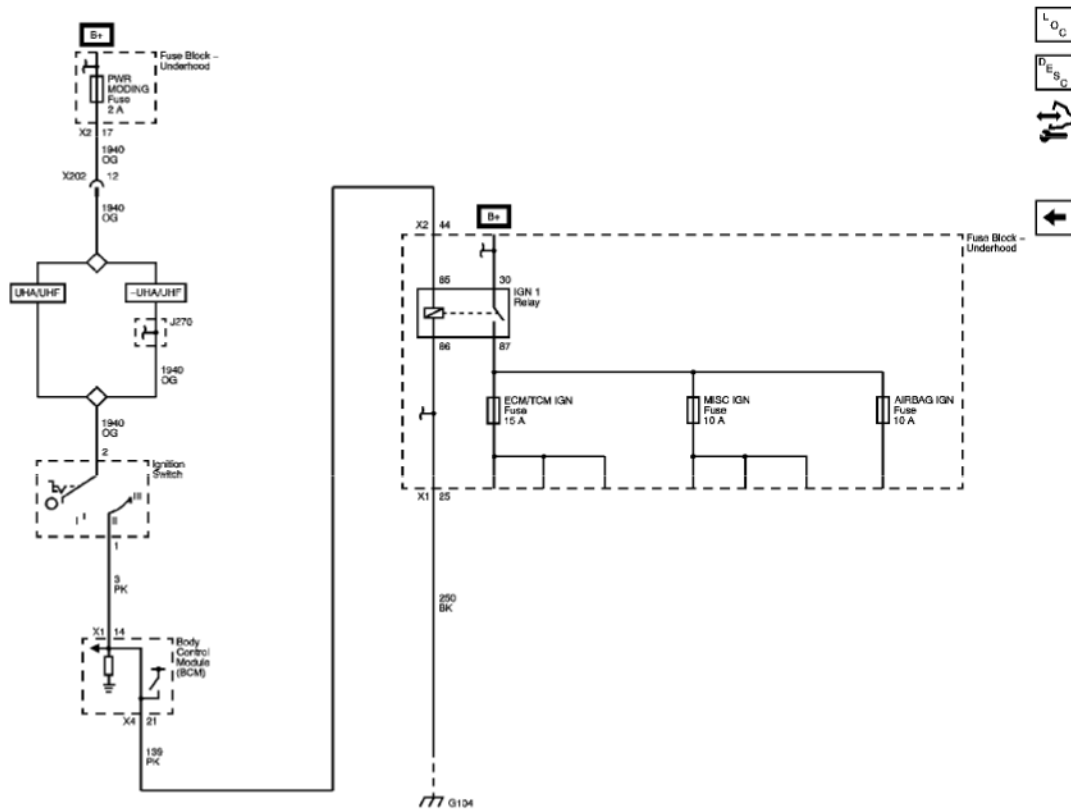


LT/POS/LP and RT/POS/LP Fuses



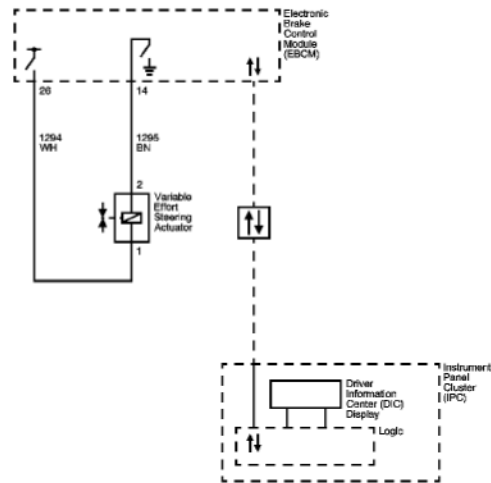
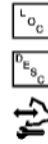


IGN II / III



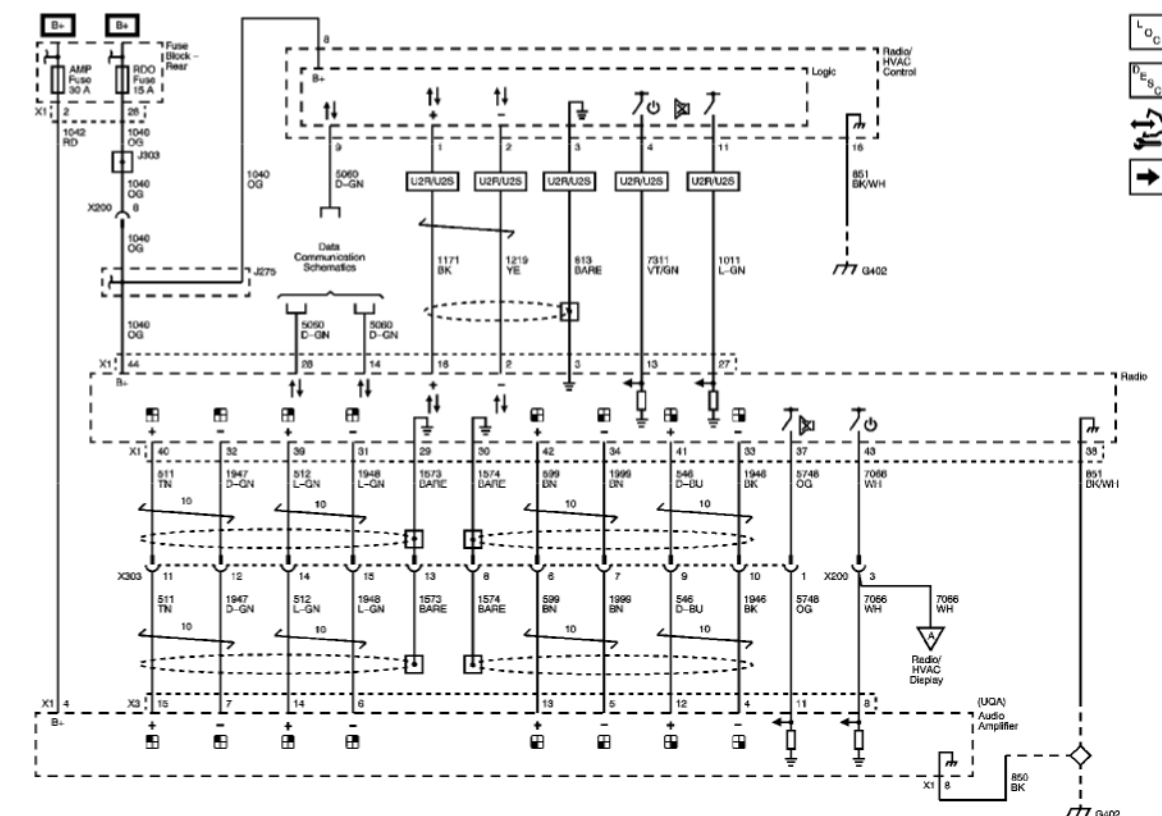
Power Steering Schematics

Power Steering Schematics



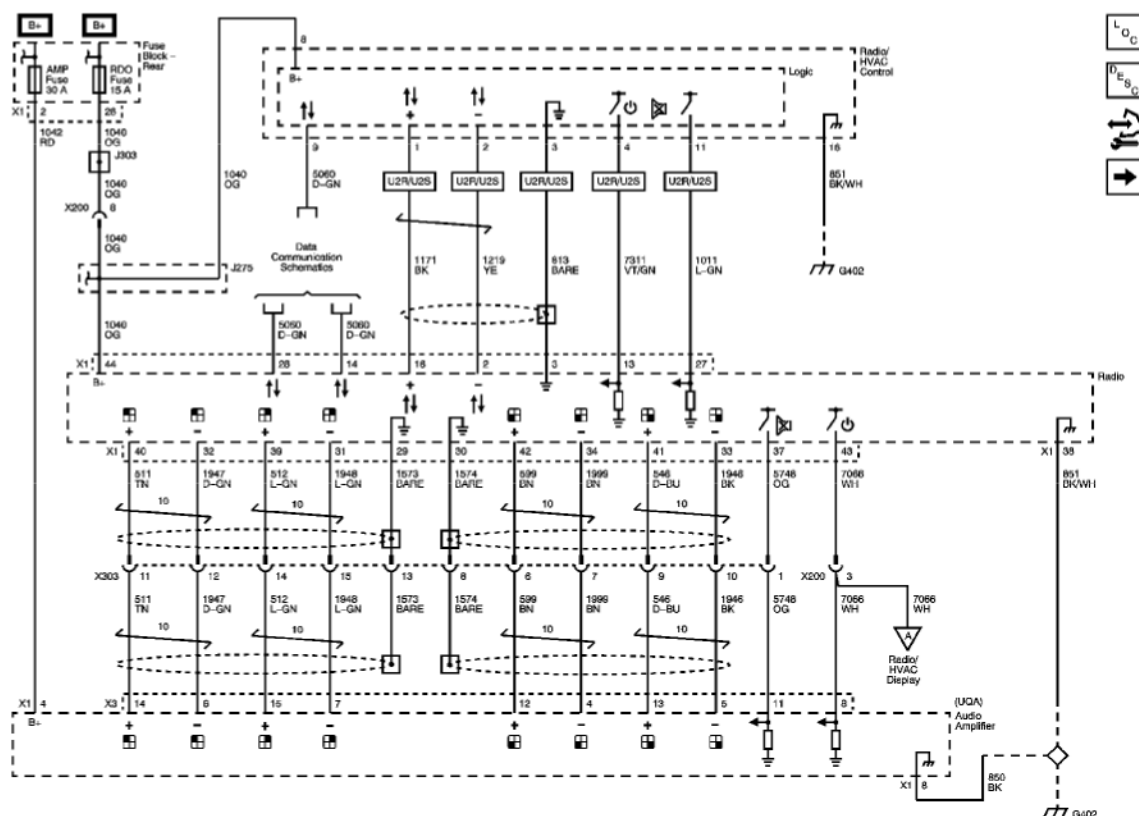
[2009 Cadillac CTS](#) | [CTS \(VIN D\) Service Manual](#) | [Driver Information and Entertainment](#) |
[Cellular, Entertainment, and Navigation](#) | [Schematic and Routing Diagrams](#) | Document ID: 2088133

Radio, Amp, Radio / HVAC Control (U2R/U2S) Power, Ground and Communication (Left Hand Drive with UQA)



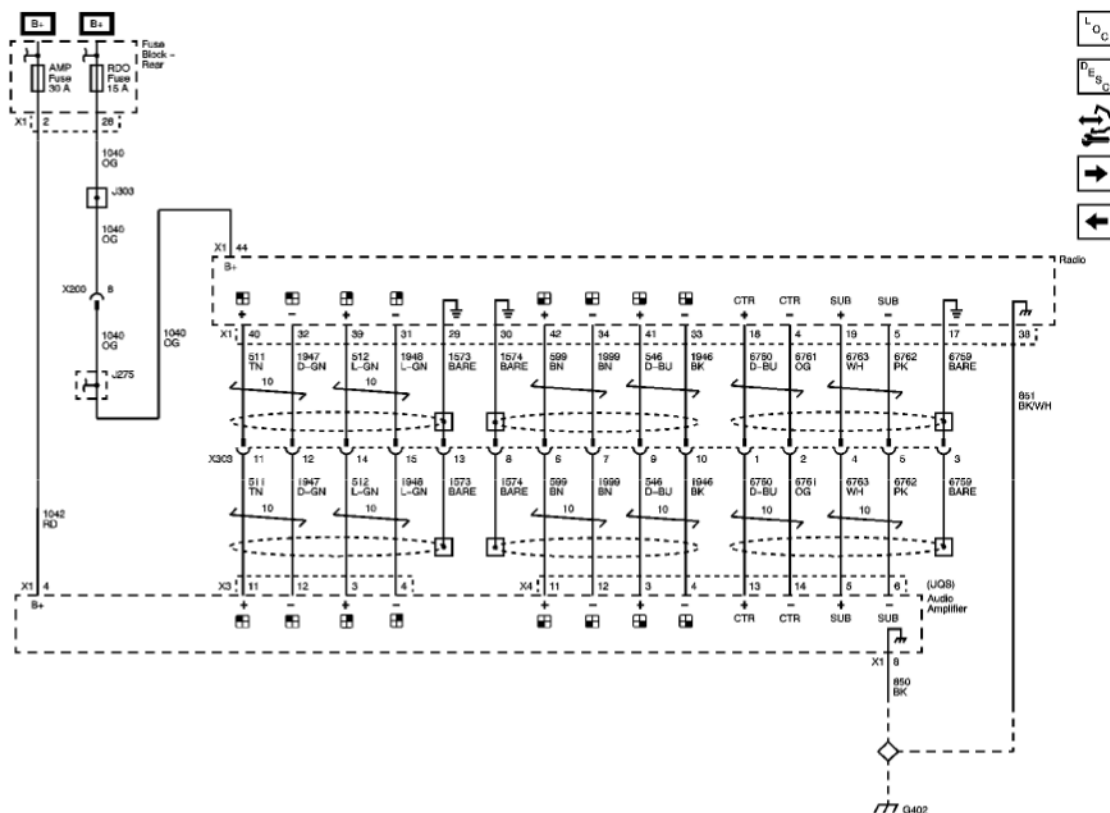
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[Cellular, Entertainment, and Navigation](#) | [Schematic and Routing Diagrams](#) | Document ID: 2088134

Radio, Amp, Radio / HVAC Control (U2R/U2S) Power, Ground and Communication (Right Hand Drive with UQA)

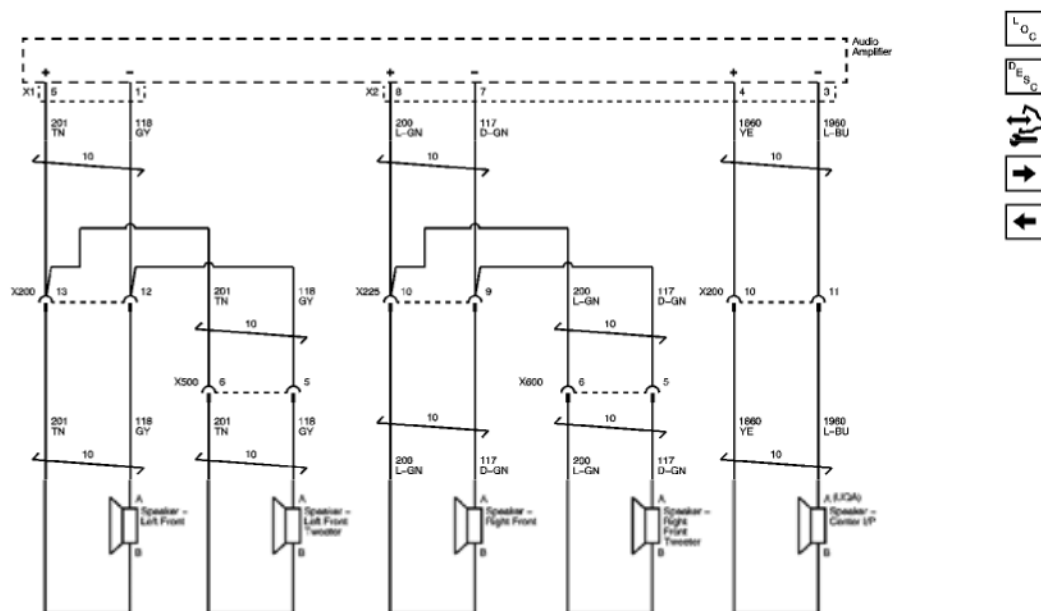


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[Cellular, Entertainment, and Navigation](#) | [Schematic and Routing Diagrams](#) | Document ID: 2088135

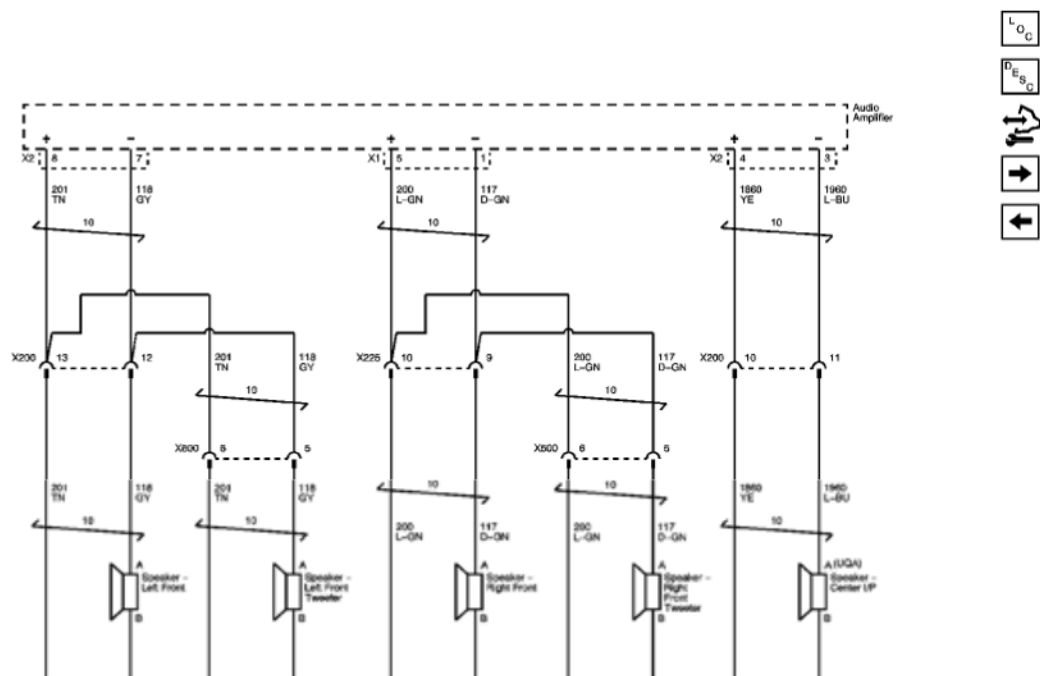
Radio, Amp Power, Ground and Communication (UQS)



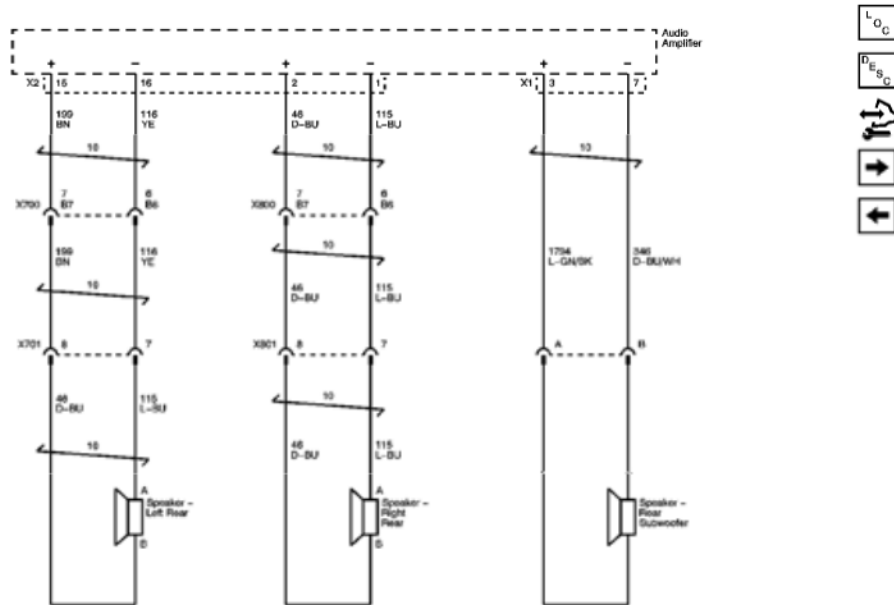
Front Speakers (Left Hand Drive with UQA)



Front Speakers (Right Hand Drive with UQA)

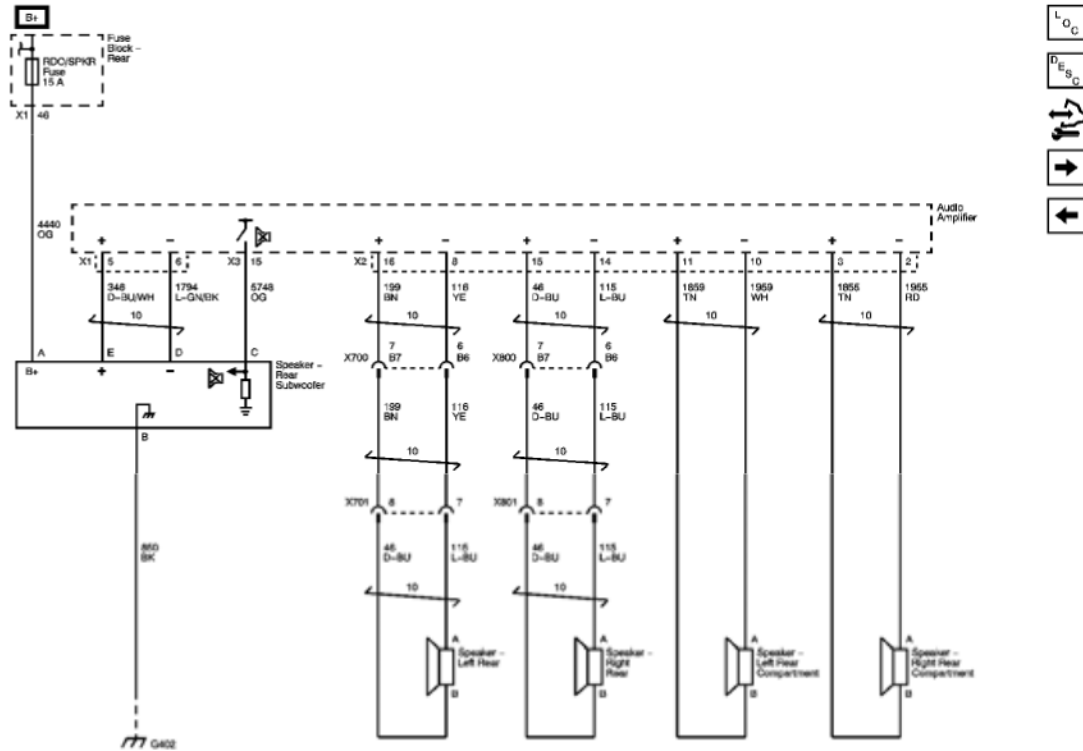


Rear Speakers (UQA)



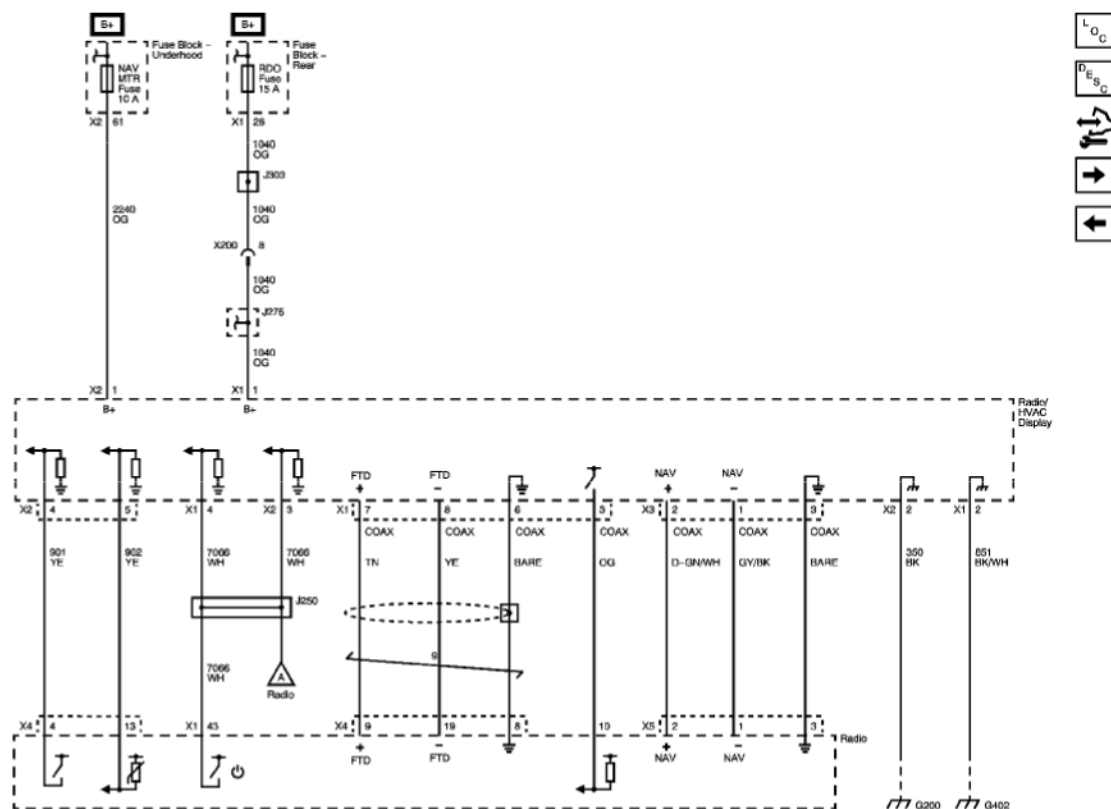


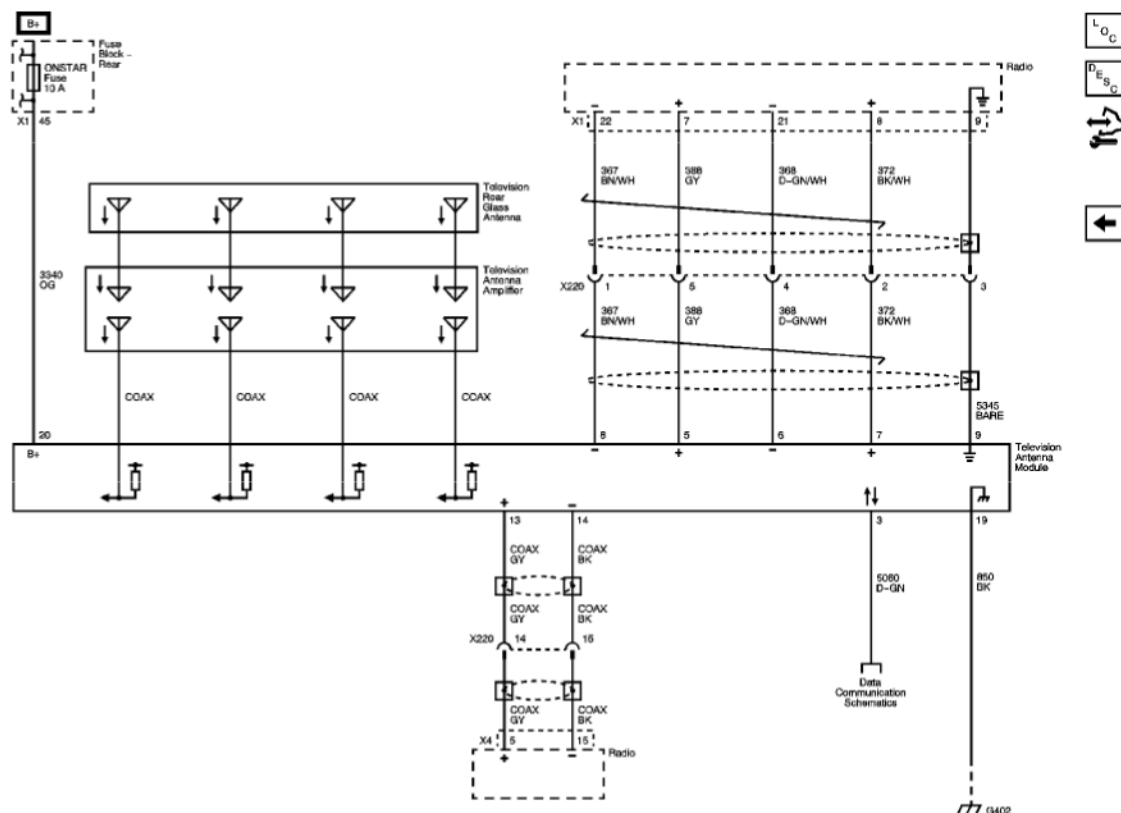
Speakers (UQS) 2 of 2



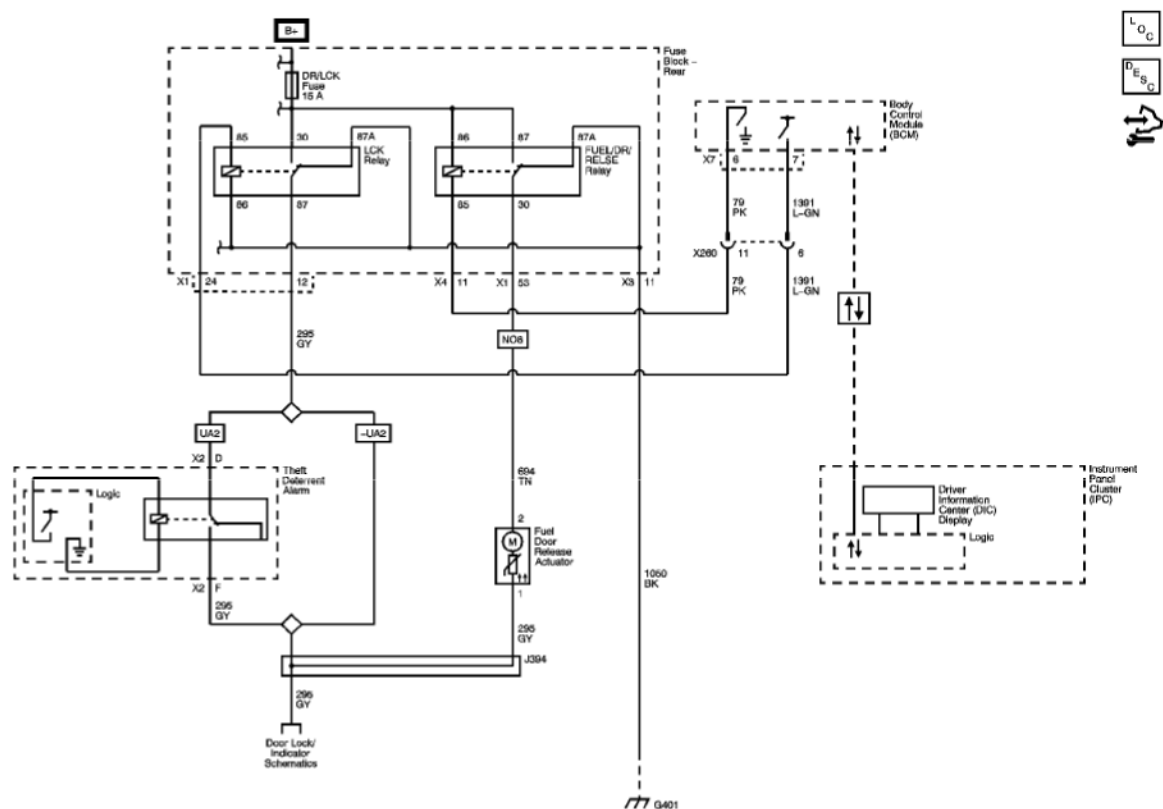




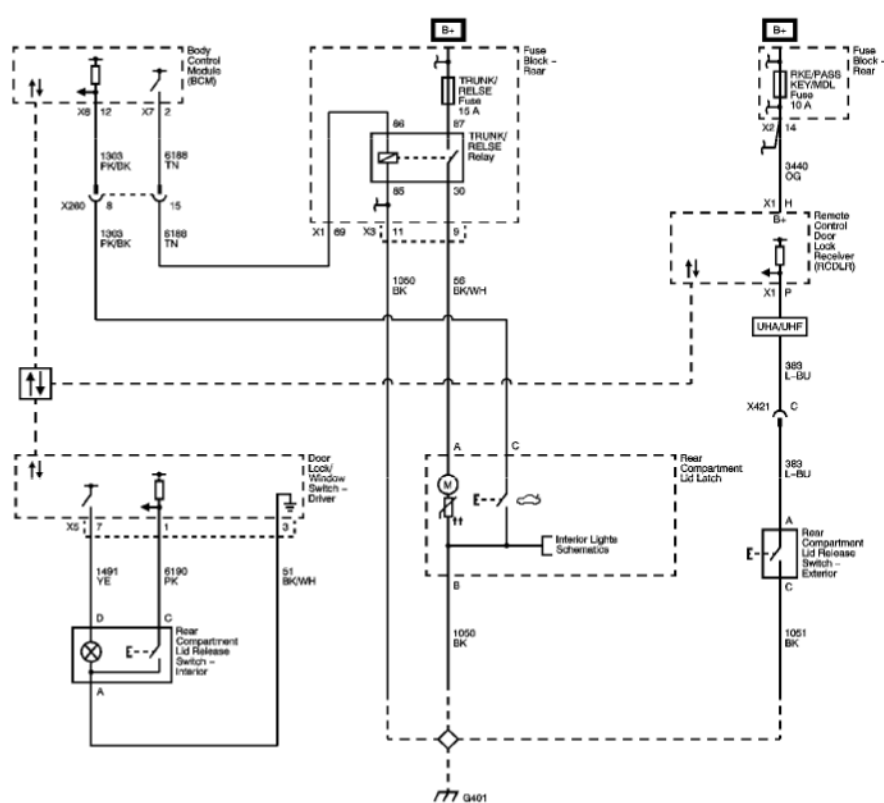




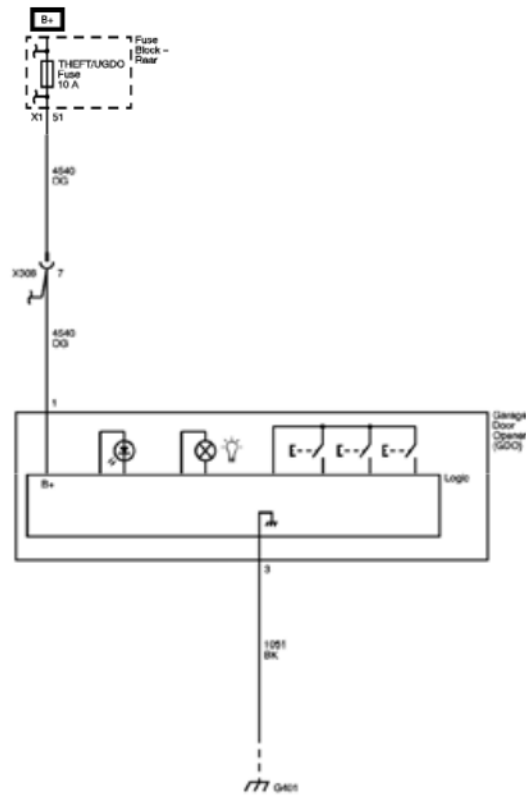
Release Systems Schematics 1 of 2



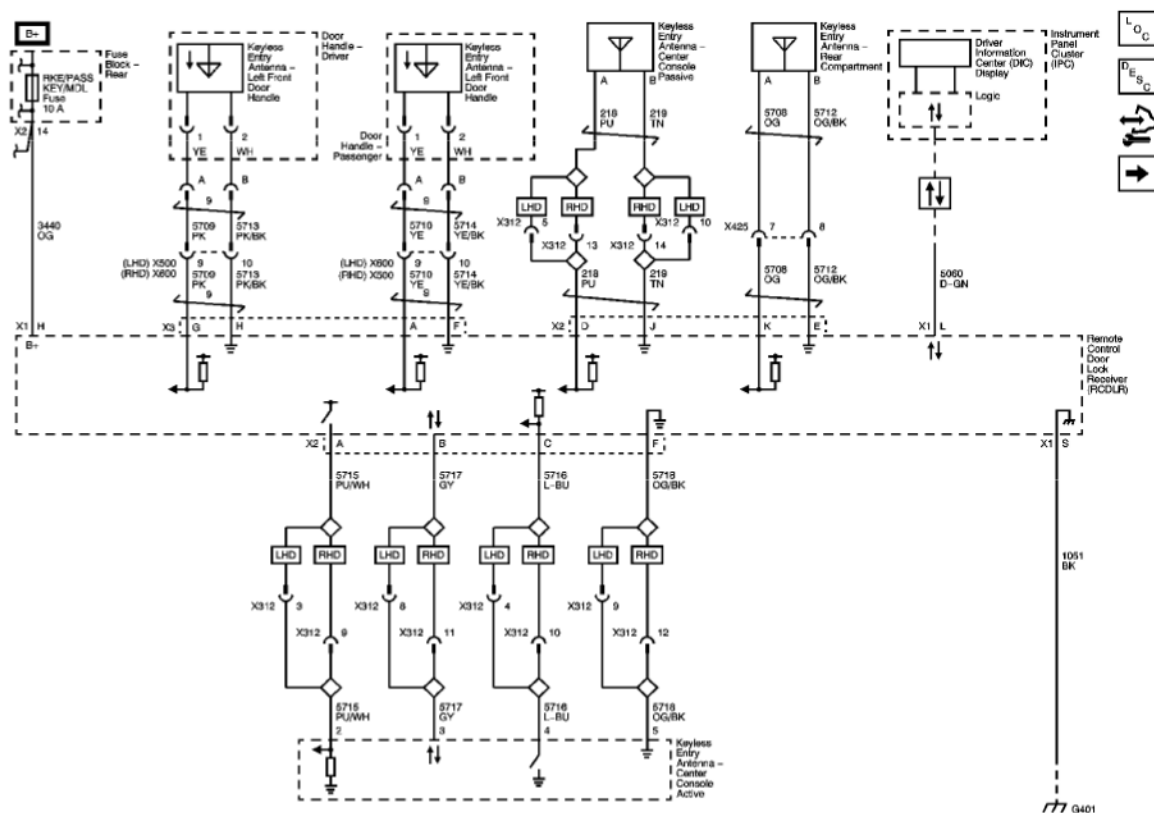
Release Systems Schematics 2 of 2



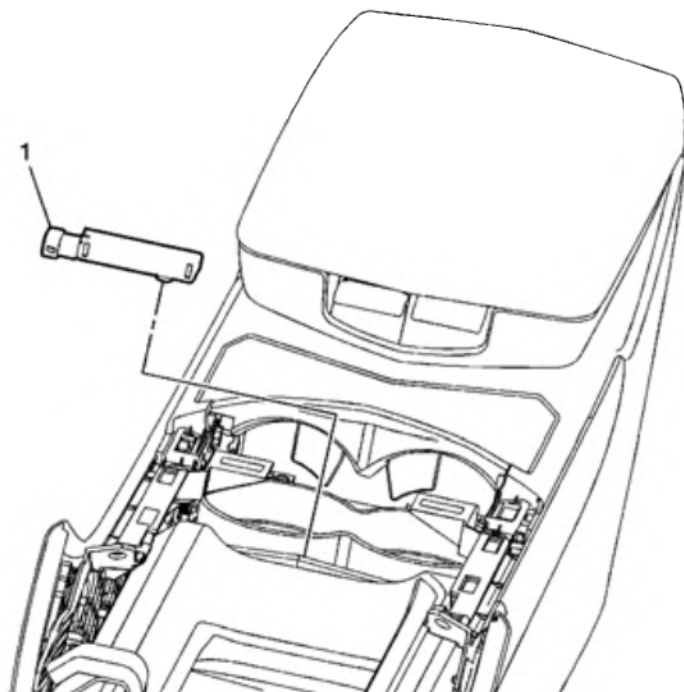
Garage Door Opener - UG1



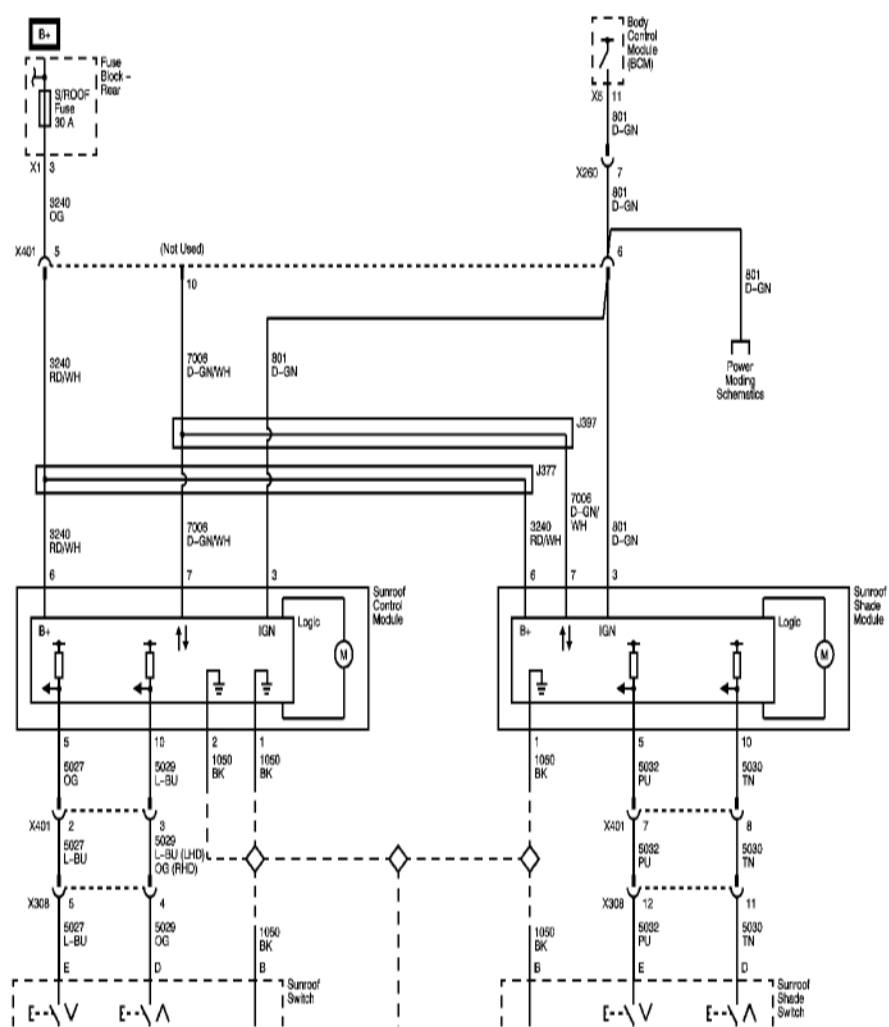
Power, Grounds, Antennas, Indicator and Release Switch

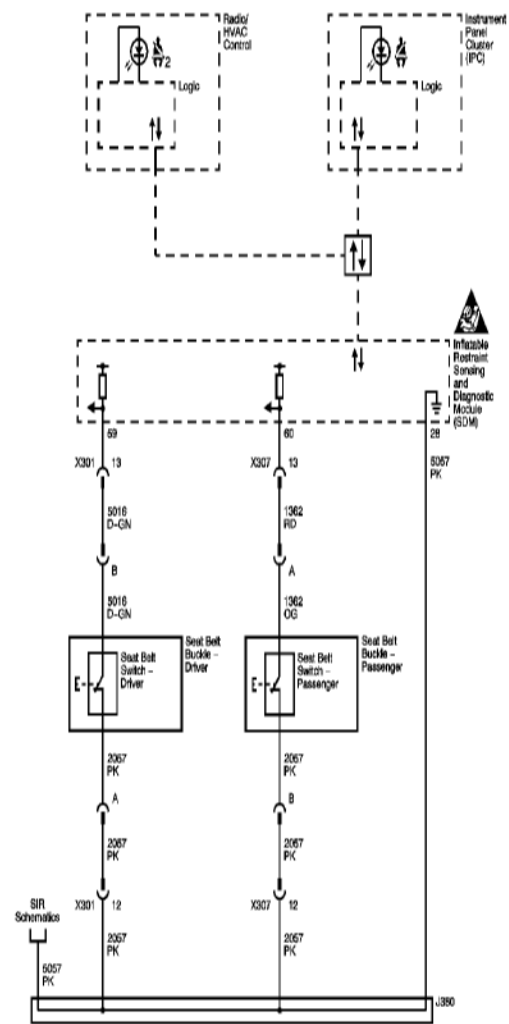


Ignition Lock Key Transmitter Antenna Replacement - Floor Console (Passive)

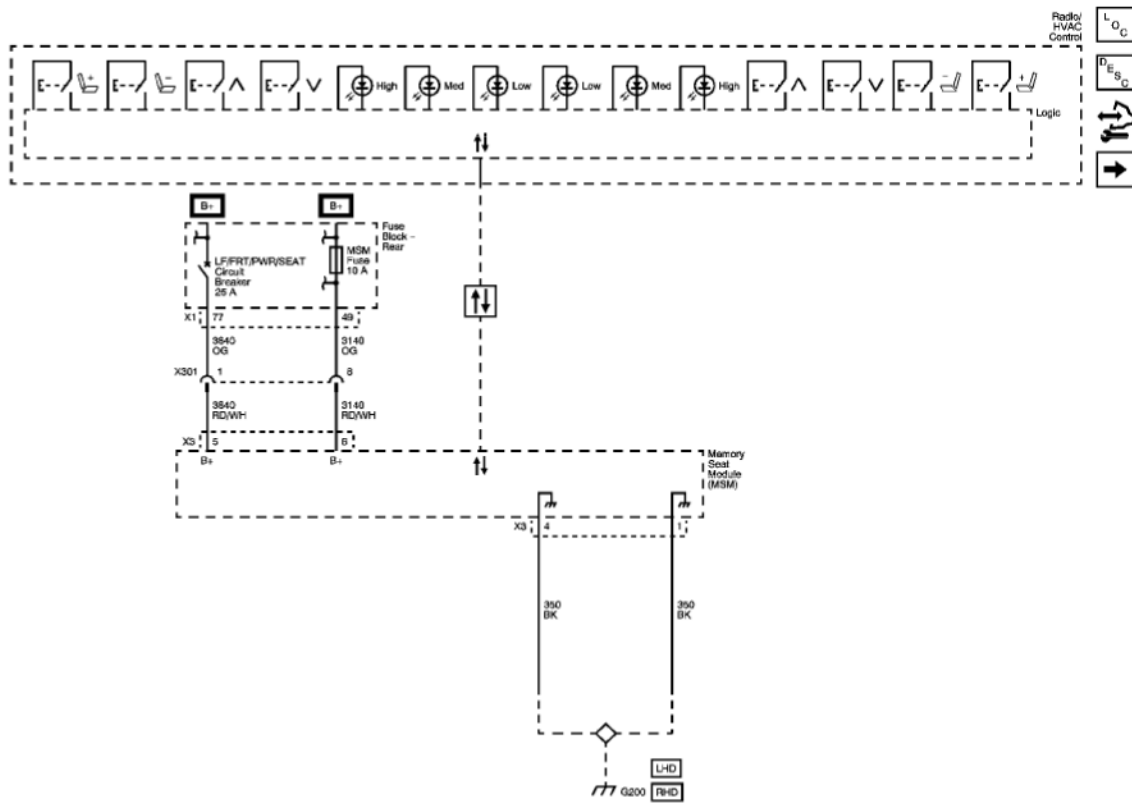


Callout	Component Name
Preliminary Procedure	
Remove the cup holder. Refer to Front Floor Console Cup Holder Replacement .	
1	Ignition Lock Key Transmitter Antenna Procedure 1. Disconnect the electrical connectors. 2. Unsnap the ignition lock key transmitter antenna from the floor console.

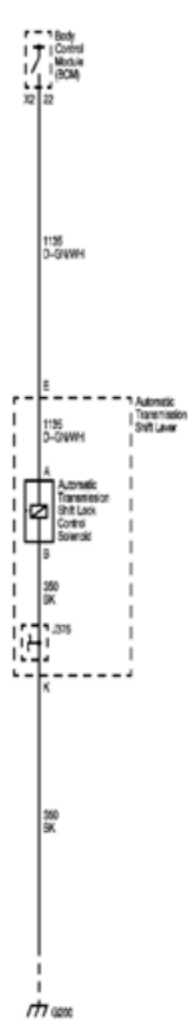




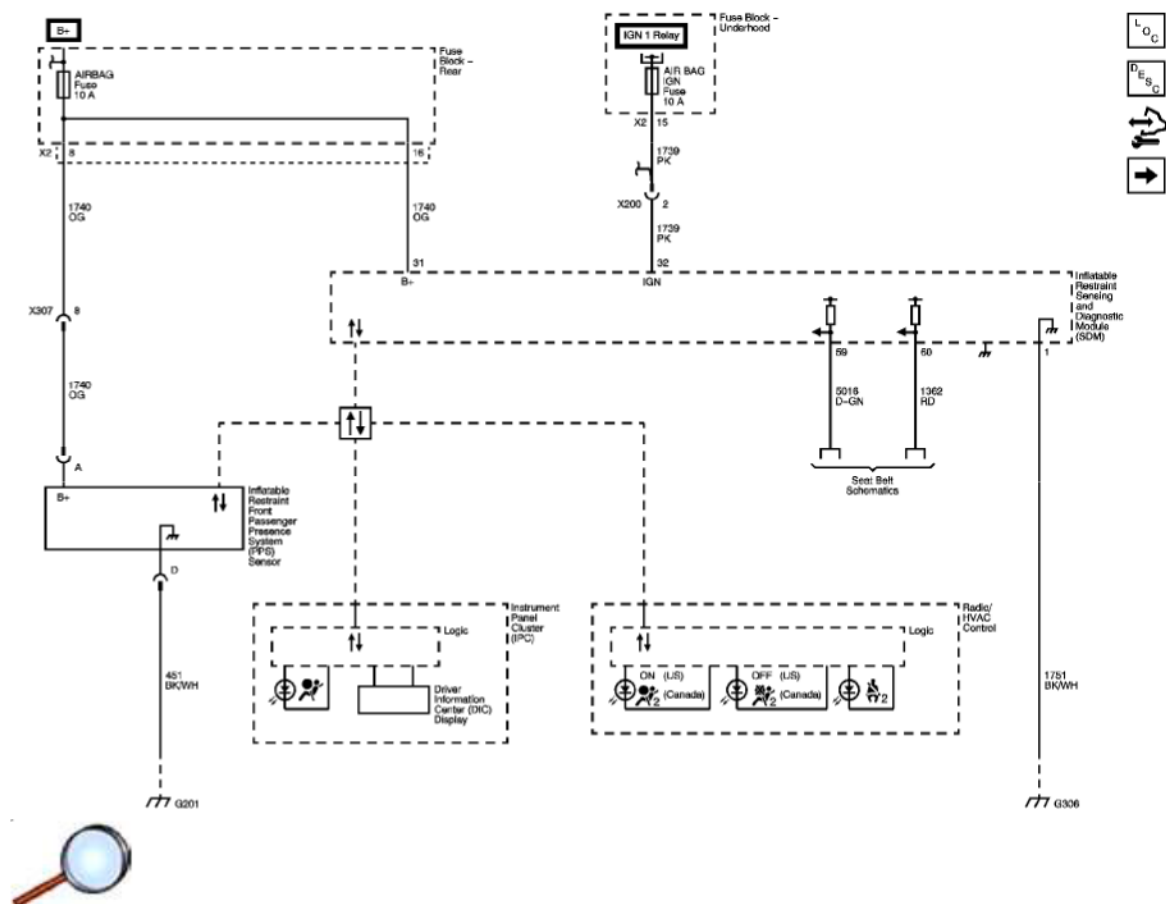
Power, Ground and Switches



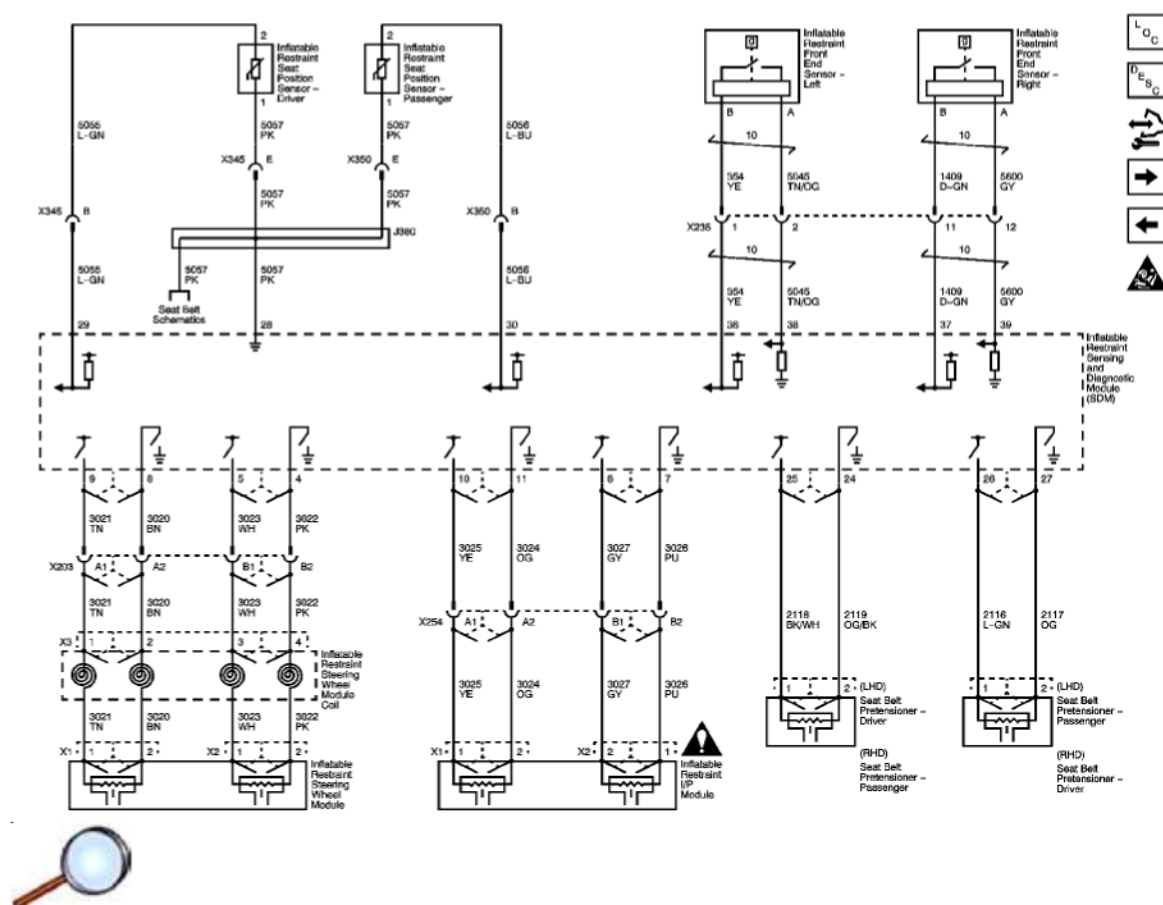




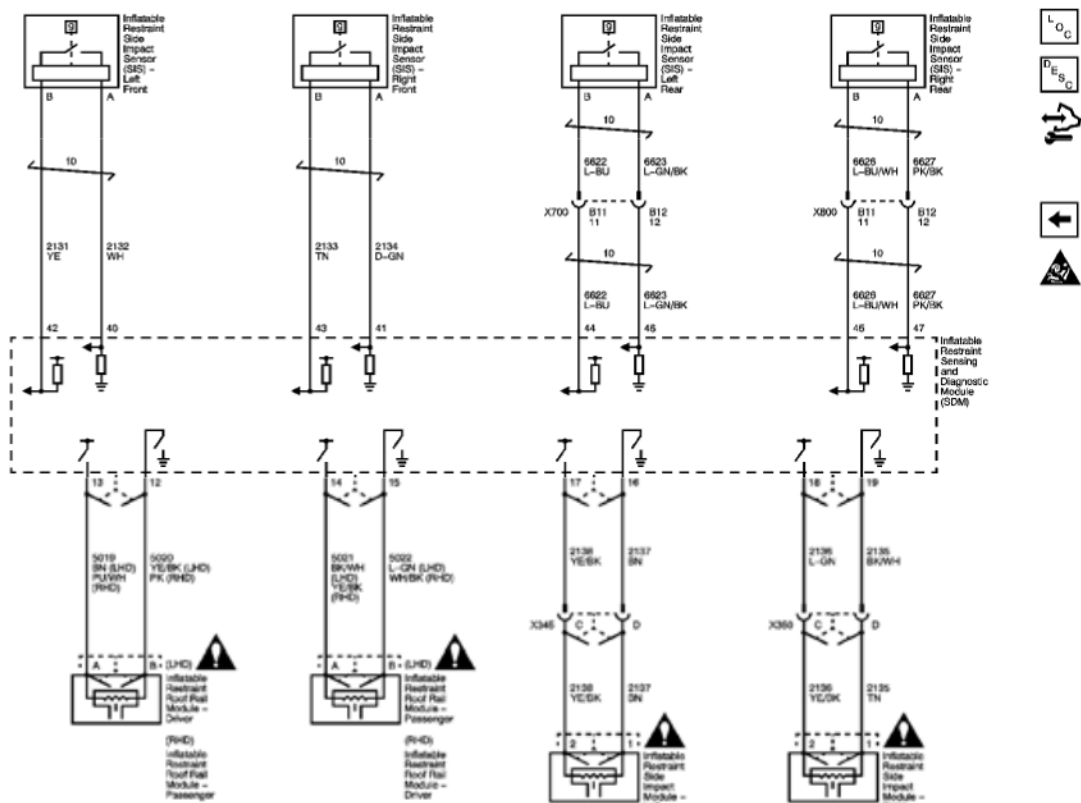
Power, Ground, Indicators and Passenger Presence Sensor

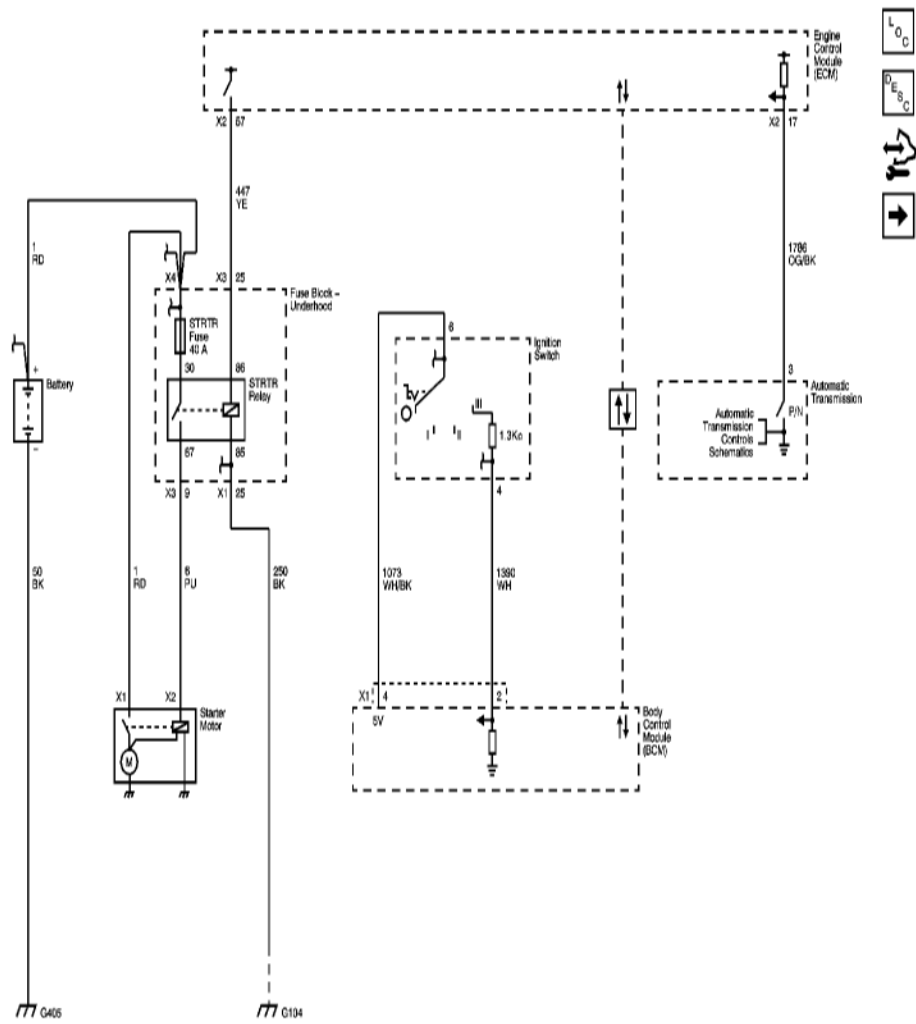


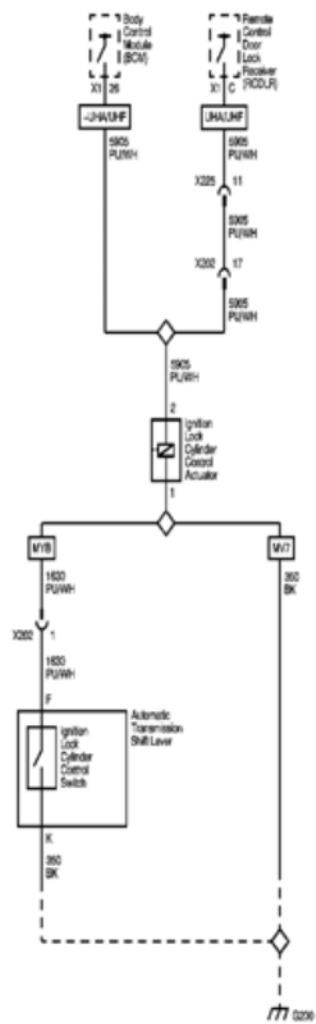
Front Air Bags Front End Sensors, Seat Belt Pretensioners and Seat Position Sensor

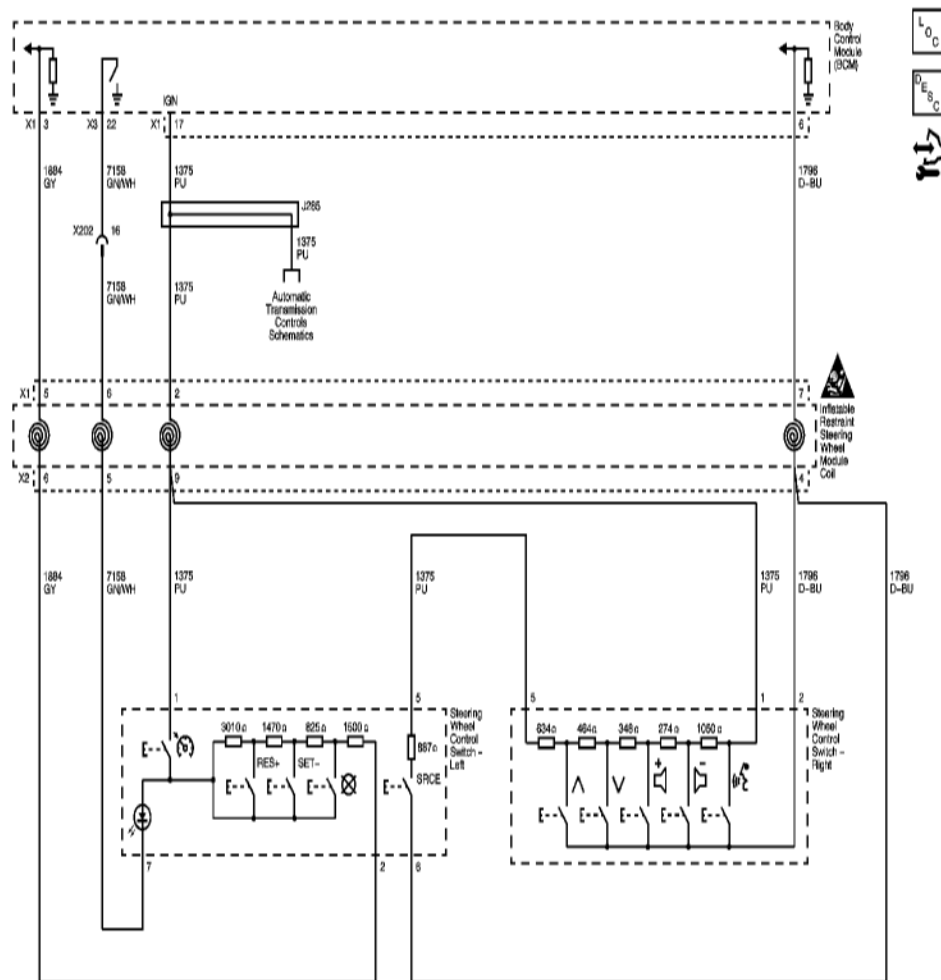


Roof Rail Modules, Side Impact Air Bags and Side Impact Sensors

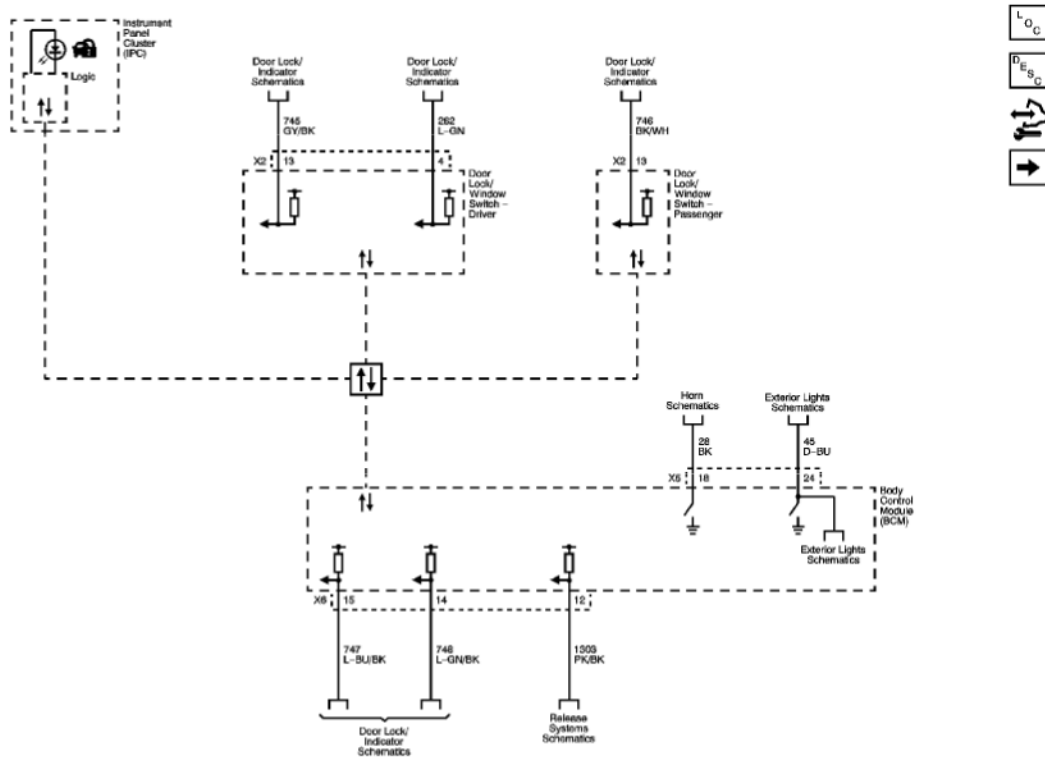








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