2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Door Component Views - Cruze

DOOR COMPONENT VIEWS

DRIVER DOOR COMPONENTS

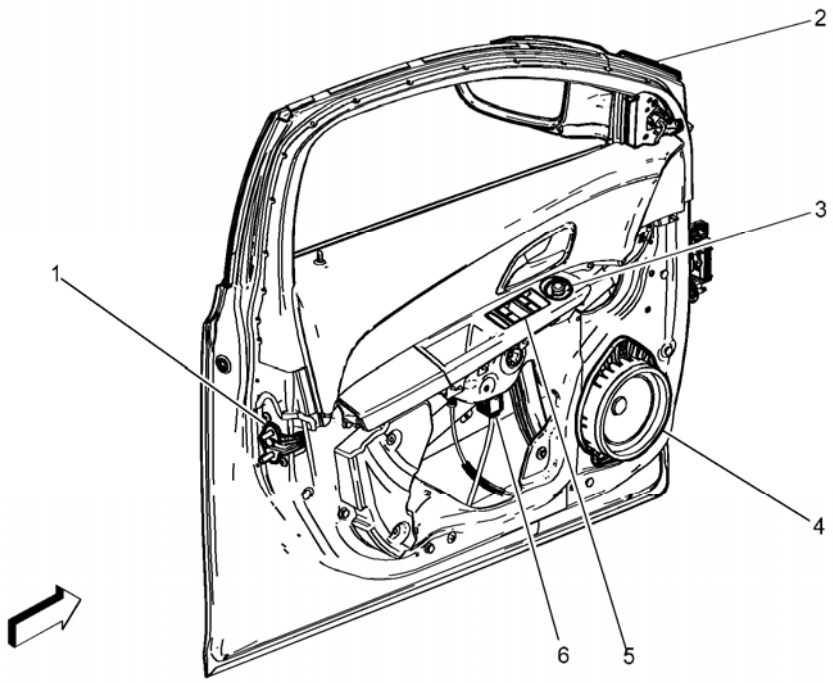


Fig. 1: Driver Door Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: A23D Door Latch Assembly - Driver **A23D Door Latch Assembly - Driver**
2: A9A Outside Rearview Mirror - Driver **A9A Outside Rearview Mirror - Driver**
3: S52 Outside Rearview Mirror Switch **S52 Outside Rearview Mirror Switch**
4: P19AG Speaker - Left Front Door **P19AG Speaker - Left Front Door**
5: S79D Window Switch - Driver **S79D Window Switch - Driver (AEC)** **S79D Window Switch - Driver (AXG)**
6: M74D Window Motor - Driver **M74D Window Motor - Driver (AEC)** **M74D Window Motor - Driver (AXG)**

PASSENGER DOOR COMPONENTS

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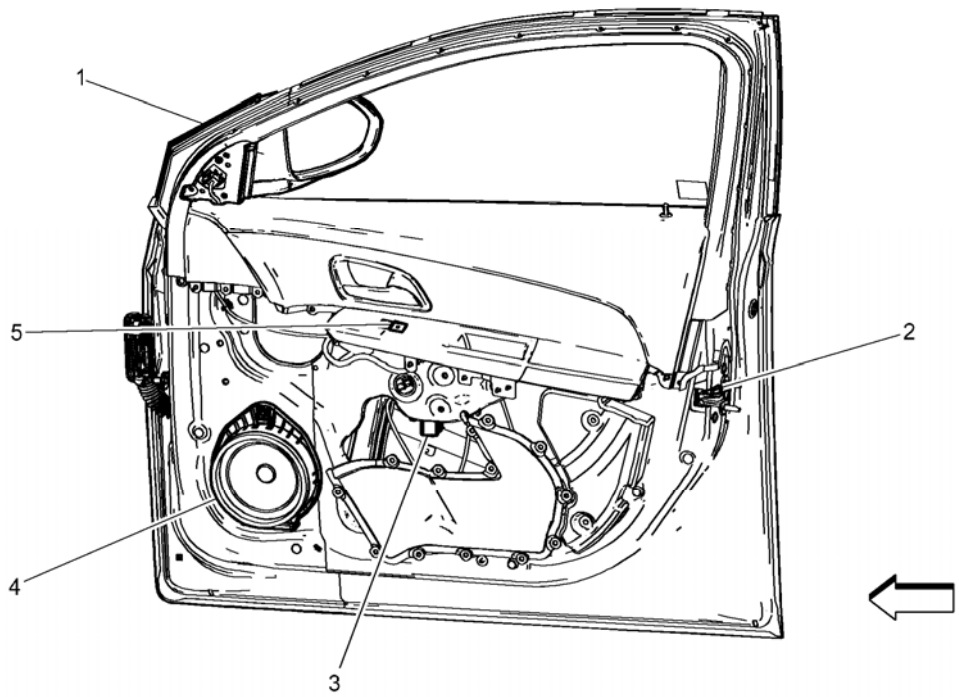


Fig. 2: Passenger Door Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: A9B Outside Rearview Mirror - Passenger **A9B Outside Rearview Mirror - Passenger**
2: A23P Door Latch Assembly - Passenger **A23P Door Latch Assembly - Passenger**
3: M74P Window Motor - Passenger **M74P Window Motor - Passenger**
4: P19AH Speaker - Right Front Door **P19AH Speaker - Right Front Door**
5: S79P Window Switch - Passenger **S79P Window Switch - Passenger**

LEFT REAR DOOR COMPONENTS

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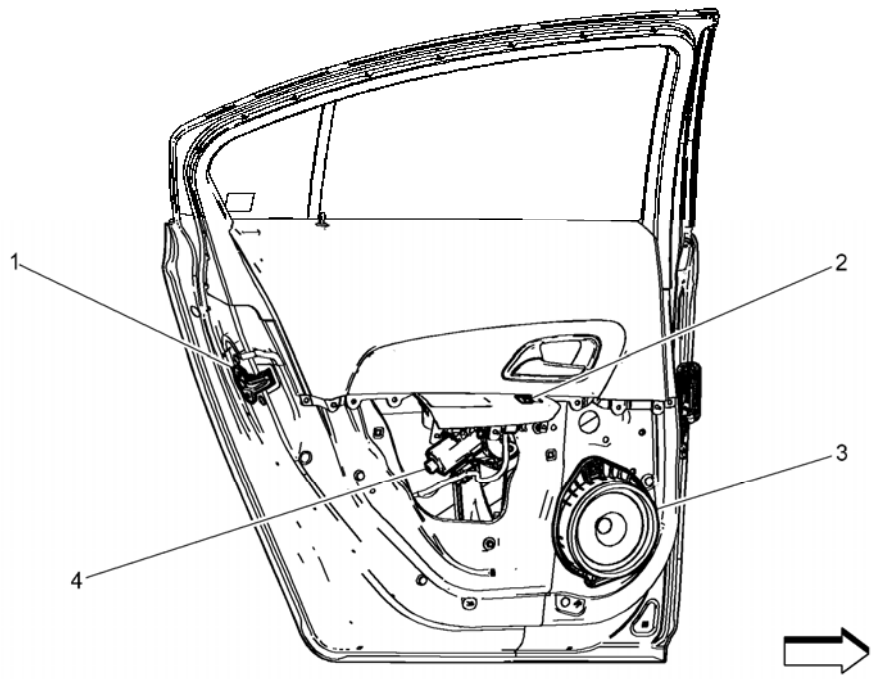


Fig. 3: Left Rear Door Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: A23LR Door Latch Assembly - Left Rear **A23LR Door Latch Assembly - Left Rear**
2: S79LR Window Switch - Left Rear **S79LR Window Switch - Left Rear**
3: P19AL Speaker - Left Rear Door **P19AL Speaker - Left Rear Door**
4: M74LR Window Motor - Left Rear **M74LR Window Motor - Left Rear**

RIGHT REAR DOOR COMPONENTS

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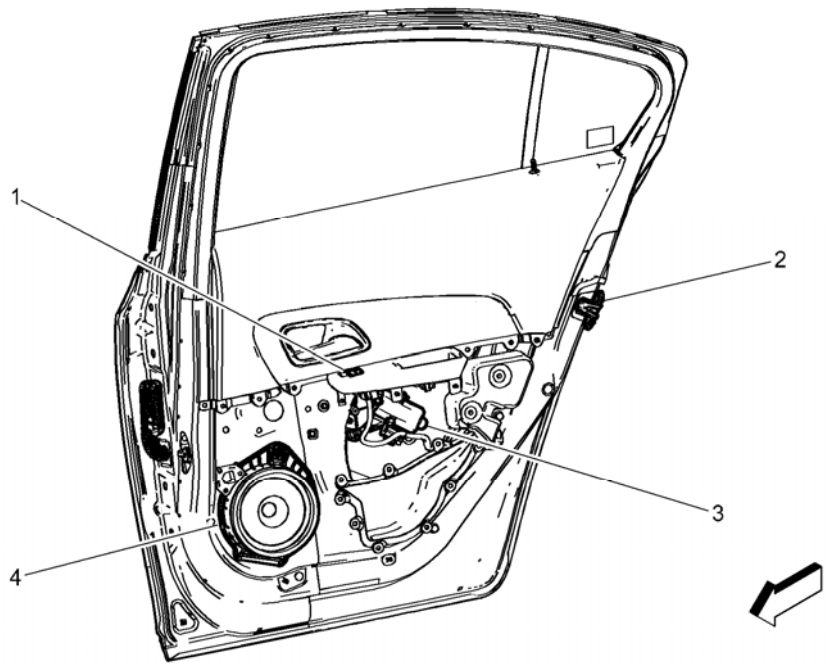


Fig. 4: Right Rear Door Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: S79RR Window Switch - Right Rear **S79RR Window Switch - Right Rear**
2: A23RR Door Latch Assembly - Right Rear **A23RR Door Latch Assembly - Right Rear**
3: M74RR Window Motor - Right Rear **M74RR Window Motor - Right Rear**
4: P19AM Speaker - Right Rear Door **P19AM Speaker - Right Rear Door**

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Wiring Systems and Power Management - Component Locator - Electrical Center Identification Views - Cruze

ELECTRICAL CENTER IDENTIFICATION VIEWS

X50A FUSE BLOCK - UNDERHOOD LABEL

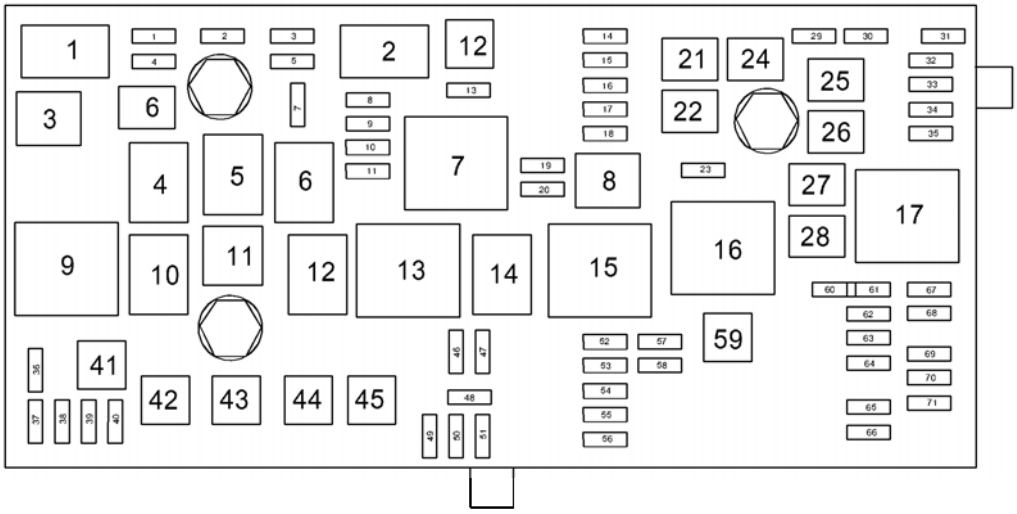


Fig. 1: X50A Fuse Block - Underhood Label
Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD TOP VIEW

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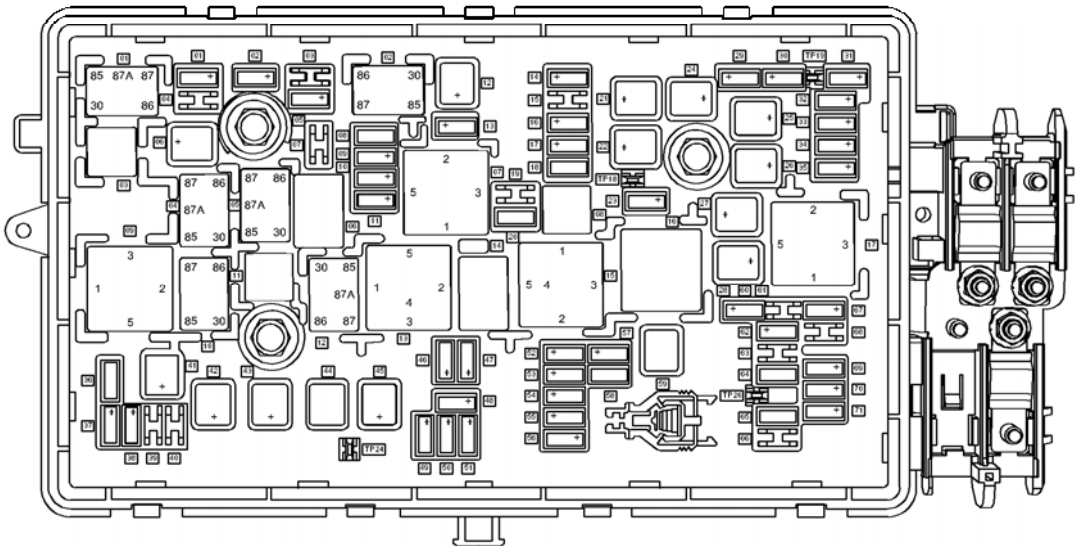


Fig. 2: X50A Fuse Block - Underhood Top View
Courtesy of GENERAL MOTORS COMPANY

X50A Fuse Block - Underhood Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1UA: 1	**F1UA:** -	**F1UA:** F1UA Fuse	**F1UA:** 15A	**F1UA:** Q8 Control Solenoid Valve Assembly (MH8)
F2UA: 2	**F2UA:** -	**F2UA:** F2UA Fuse	**F2UA:** 15A	**F2UA:** K20 Engine Control Module
F3UA: 3	**F3UA:** -	**F3UA:** F3UA Fuse	**F3UA:** -	**F3UA:** Not Used
F4UA: 4	**F4UA:** -	**F4UA:** F4UA Fuse	**F4UA:** 10A	**F4UA:** Q13 Evaporative Emission Vent Solenoid Valve
F5UA: 5	**F5UA:** -	**F5UA:** F5UA Fuse	**F5UA:** 15A	**F5UA:** K20 Engine Control Module, Q8 Control Solenoid Valve Assembly

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				(MH8)
F6UA: 6	**F6UA:** -	**F6UA:** F6UA Fuse	**F6UA:** 30A	**F6UA:** KR12B Windshield Wiper Relay, KR12C Windshield Wiper Speed Control Relay
F7UA: 7	**F7UA:** -	**F7UA:** F7UA Fuse	**F7UA:** -	**F7UA:** Not Used
F8UA: 8	**F8UA:** -	**F8UA:** F8UA Fuse	**F8UA:** 15A	**F8UA:** Not Used
F9UA: 9	**F9UA:** -	**F9UA:** F9UA Fuse	**F9UA:** 15A	**F9UA:** Q17A Fuel Injector 1, Q17B Fuel Injector 2, Q17C Fuel Injector 3, Q17D Fuel injector 4, T8 Ignition Coil
F10UA: 10	**F10UA:** -	**F10UA:** F10UA Fuse	**F10UA:** 15A	**F10UA:** K20 Engine Control Module
F11UA: 11	**F11UA:** -	**F11UA:** F11UA Fuse	**F11UA:** 10A	**F11UA:** B75B Mass Air Flow/Intake Air Temperature Sensor
F12UA: 12	**F12UA:** -	**F12UA:** F12UA Fuse	**F12UA:** 30A	**F12UA:** KR27 Starter Motor Relay
F13UA: 13	**F13UA:** -	**F13UA:** F13UA Fuse	**F13UA:** 7.5A	**F13UA:** Not Used
F14UA: 14	**F14UA:** -	**F14UA:** F14UA Fuse	**F14UA:** -	**F14UA:** Not Used
F15UA: 15	**F15UA:** -	**F15UA:** F15UA Fuse	**F15UA:** -	**F15UA:** Not Used
F16UA: 16	**F16UA:** -	**F16UA:** F16UA Fuse	**F16UA:** 7.5A	**F16UA:** B108 Air Quality Sensor (C68), M96 Active Grille Air Shutter Actuator (Y8X)
F17UA: 17	**F17UA:** -	**F17UA:** F17UA Fuse	**F17UA:** 5A	**F17UA:** K36 Inflatable Restraint Sensing and Diagnostic Module
F18UA: 18	**F18UA:** -	**F18UA:** F18UA Fuse	**F18UA:** 10A	**F18UA:** K27 Fuel Pump Control Module
F19UA: 19	**F19UA:** -	**F19UA:** F19UA Fuse	**F19UA:** -	**F19UA:** Not Used
F20UA: 20	**F20UA:** -	**F20UA:** F20UA Fuse	**F20UA:** -	**F20UA:** Not Used
F21UA: 21	**F21UA:** -	**F21UA:** F21UA Fuse	**F21UA:** 30A	**F21UA:** S79LR Window Switch - Left Rear, S79RR Window Switch - Right Rear
F22UA: 22	**F22UA:** -	**F22UA:** F22UA Fuse	**F22UA:** -	**F22UA:** Not Used
F23UA: 23	**F23UA:** -	**F23UA:** F23UA Fuse	**F23UA:** -	**F23UA:** Not Used
F24UA: 24	**F24UA:** -	**F24UA:** F24UA Fuse	**F24UA:** 30A	**F24UA:** M74D Window Motor - Driver (AXG), S79D Window Switch - Driver (AEC), S79P Window Switch - Passenger
F25UA: 25	**F25UA:** -	**F25UA:** F25UA Fuse	**F25UA:** -	**F25UA:** M9 Brake Booster Pump Motor

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F26UA: 26	**F26UA:** -	**F26UA:** F26UA Fuse	**F26UA:** 40A	**F26UA:** K17 Electronic Brake Control Module
F27UA: 27	**F27UA:** -	**F27UA:** F27UA Fuse	**F27UA:** -	**F27UA:** Not Used
F28UA: 28	**F28UA:** -	**F28UA:** F28UA Fuse	**F28UA:** 40A	**F28UA:** E18 Rear Defogger Grid
F29UA: 29	**F29UA:** -	**F29UA:** F29UA Fuse	**F29UA:** -	**F29UA:** Not Used
F30UA: 30	**F30UA:** -	**F30UA:** F30UA Fuse	**F30UA:** 15A	**F30UA:** K17 Electronic Brake Control Module
F31UA: 31	**F31UA:** -	**F31UA:** F31UA Fuse	**F31UA:** 20A	**F31UA:** Body Control Module
F32UA: 32	**F32UA:** -	**F32UA:** F32UA Fuse	**F32UA:** 20A	**F32UA:** K9 Body Control Module
F33UA: 33	**F33UA:** -	**F33UA:** F33UA Fuse	**F33UA:** 30A	**F33UA:** K29 Seat Heating Control Module (KA1)
F34UA: 34	**F34UA:** -	**F34UA:** F34UA Fuse	**F34UA:** 25A	**F34UA:** K61 Sunroof Control Module (CF5)
F35UA: 35	**F35UA:** -	**F35UA:** F35UA Fuse	**F35UA:** 30A	**F35UA:** T3 Audio Amplifier (UQA)
F36UA: 36	**F36UA:** -	**F36UA:** F36UA Fuse	**F36UA:** -	**F36UA:** Not Used
F37UA: 37	**F37UA:** -	**F37UA:** F37UA Fuse	**F37UA:** 10A	**F37UA:** E13R Headlamp - Right
F38UA: 38	**F38UA:** -	**F38UA:** F38UA Fuse	**F38UA:** 10A	**F38UA:** E13L Headlamp - Left
F39UA: 39	**F39UA:** -	**F39UA:** F39UA Fuse	**F39UA:** -	**F39UA:** Not Used
F40UA: 40	**F40UA:** -	**F40UA:** F40UA Fuse	**F40UA:** -	**F40UA:** Not Used
F41UA: 41	**F41UA:** -	**F41UA:** F41UA Fuse	**F41UA:** -	**F41UA:** Not Used
F42UA: 42	**F42UA:** -	**F42UA:** F42UA Fuse	**F42UA:** 30A	**F42UA:** KR20P Cooling Fan Medium Speed Relay, KR20C Cooling Fan Low Speed Relay
F43UA: 43	**F43UA:** -	**F43UA:** F43UA Fuse	**F43UA:** -	**F43UA:** Not Used
F44UA: 44	**F44UA:** -	**F44UA:** F44UA Fuse	**F44UA:** -	**F44UA:** Not Used
F45UA: 45	**F45UA:** -	**F45UA:** F45UA Fuse	**F45UA:** 40A/60A	**F45UA:** KR20D Cooling Fan High Speed Relay
F46UA: 46	**F46UA:** -	**F46UA:** F46UA Fuse	**F46UA:** 10A	**F46UA:** KR20C Cooling Fan Low Speed Relay, KR20E Cooling Fan Speed Control Relay, KR20F Cooling Fan Relay
				F47UA: B52A Heated Oxygen Sensor 1, B52B Heated Oxygen Sensor 2, E41 Engine Coolant Thermostat Heater, Q12

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F47UA: 47	**F47UA:** -	**F47UA:** F47UA Fuse	**F47UA:** 10A	Evaporative Emission Purge Solenoid Valve, Q22 Intake Manifold Tuning Solenoid valve (LUW), Q40 turbocharger Bypass Solenoid Valve (LUJ), Q42 Turbocharger Wastegate Solenoid Valve (LUJ)
F48UA: 48	**F48UA:** -	**F48UA:** F48UA Fuse	**F48UA:** 15A	**F48UA:** E29LF Fog Lamp - Left Front (T3U), E29RF Fog Lamp - Right Front (T3U)
F49UA: 49	**F49UA:** -	**F49UA:** F49UA Fuse	**F49UA:** -	**F49UA:** Not Used
F50UA: 50	**F50UA:** -	**F50UA:** F50UA Fuse	**F50UA:** -	**F50UA:** Not Used
F51UA: 51	**F51UA:** -	**F51UA:** F51UA Fuse	**F51UA:** 15A	**F51UA:** P12 Horn
F52UA: 52	**F52UA:** -	**F52UA:** F52UA Fuse	**F52UA:** 5A	**F52UA:** P16 Instrument Cluster
F53UA: 53	**F53UA:** -	**F53UA:** F53UA Fuse	**F53UA:** 10A	**F53UA:** A10 Inside Rearview Mirror (DD8)
F54UA: 54	**F54UA:** -	**F54UA:** F54UA Fuse	**F54UA:** 5A	**F54UA:** K33 HVAC Control Module, P14 Passenger Air Bag Disable Indicator
F55UA: 55	**F55UA:** -	**F55UA:** F55UA Fuse	**F55UA:** 7.5A	**F55UA:** S52 Outside Rearview Mirror Switch, S79D Window Switch - Driver (AXG)
F56UA: 56	**F56UA:** -	**F56UA:** F56UA Fuse	**F56UA:** 15A	**F56UA:** G24 Windshield Washer Pump
F57UA: 57	**F57UA:** -	**F57UA:** F57UA Fuse	**F57UA:** 15A	**F57UA:** K60 Steering Column Lock Control Module (ULS)
F58UA: 58	**F58UA:** -	**F58UA:** F58UA Fuse	**F58UA:** -	**F58UA:** Not Used
F59UA: 59	**F59UA:** -	**F59UA:** F59UA Fuse	**F59UA:** -	**F59UA:** Not Used
F60UA: 60	**F60UA:** -	**F60UA:** F60UA Fuse	**F60UA:** 7.5A	**F60UA:** A9A Outside Rearview Mirror - Driver (DWE), A9B Outside Rearview Mirror - Passenger (DWE)
F61UA: 61	**F61UA:** -	**F61UA:** F61UA Fuse	**F61UA:** -	**F61UA:** Not Used
F62UA: 62	**F62UA:** -	**F62UA:** F62UA Fuse	**F62UA:** 10A	**F62UA:** KR29 A/C Compressor Clutch Relay (LUW)
F63UA: 63	**F63UA:** -	**F63UA:** F63UA Fuse	**F63UA:** -	**F63UA:** Not Used
F64UA: 64	**F64UA:** -	**F64UA:** F64UA Fuse	**F64UA:** 5A	**F64UA:** K85 Passenger Presence Detection Module

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F65UA: 65	**F65UA:** -	**F65UA:** F65UA Fuse	**F65UA:** -	**F65UA:** Not Used
F66UA: 66	**F66UA:** -	**F66UA:** F66UA Fuse	**F66UA:** -	**F66UA:** Not Used
F67UA: 67	**F67UA:** -	**F67UA:** F67UA Fuse	**F67UA:** 20A	**F67UA:** K27 Fuel Pump Control Module
F68UA: 68	**F68UA:** -	**F68UA:** F68UA Fuse	**F68UA:** -	**F68UA:** Not Used
F69UA: 69	**F69UA:** -	**F69UA:** F69UA Fuse	**F69UA:** 5A	**F69UA:** K9 Body Control Module
F70UA: 70	**F70UA:** -	**F70UA:** F70UA Fuse	**F70UA:** -	**F70UA:** Not Used
F71UA: 71	**F71UA:** -	**F71UA:** F71UA Fuse	**F71UA:** -	**F71UA:** Not Used
Relays				
KR29: 1	**KR29:** -	**KR29:** KR29 A/C Compressor Clutch Relay	**KR29:** -	**KR29:** Q2 A/C Compressor Clutch (LUW)
KR27: 2	**KR27:** -	**KR27:** KR27 Starter Relay	**KR27:** -	**KR27:** M64 Starter Motor
KR20F: 3	**KR20F:** -	**KR20F:** KR20F Cooling Fan Relay	**KR20F:** -	**KR20F:** KR20F Cooling Fan Relay
KR12C: 4	**KR12C:** -	**KR12C:** KR12C Windshield Wiper Speed Control Relay	**KR12C:** -	**KR12C:** M75 Windshield Wiper Motor
KR12B: 5	**KR12B:** -	**KR12B:** KR12B Windshield Wiper Relay	**KR12B:** -	**KR12B:** KR12C Windshield Wiper Speed Control Relay, M75 Windshield Wiper Motor
6	-	-	-	Not Used
KR75: 7	**KR75:** -	**KR75:** KR75 Engine Controls Ignition Relay	**KR75:** -	**KR75:** F9UA Fuse, F10UA Fuse, F11UA Fuse, F46UA Fuse, F47UA Fuse, KR20P Cooling Fan Medium Speed Relay, KR29 A/C Compressor Clutch Relay (LUW)
8	-	-	-	Not Used
KR20P: 9	**KR20P:** -	**KR20P:** KR20P Cooling Fan Medium Speed Relay	**KR20P:** -	**KR20P:** Cooling Fan Medium Speed Relay
KR20C: 10	**KR20C:** -	**KR20C:** KR20C Cooling Fan Low Speed Relay	**KR20C:** -	**KR20C:** Cooling Fan Low Speed Relay
11	-	-	-	Not Used
KR20E: 12	**KR20E:** -	**KR20E:** KR20E Cooling Fan Speed Control Relay	**KR20E:** -	**KR20E:** KR20E Cooling Fan Speed Control Relay
KR20D: 13	**KR20D:** -	**KR20D:** KR20D Cooling Fan High	**KR20D:** -	**KR20D:** Cooling Fan High

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		Speed Relay		Speed Relay
14	-	-	-	Not Used
KR73: 15	**KR73:** -	**KR73:** KR73 Ignition Main Relay	**KR73:** -	**KR73:** F5UA Fuse, F13UA Fuse, F16UA Fuse, F17UA Fuse, F18UA Fuse, F52UA Fuse, F53UA Fuse, F54UA Fuse, F57UA Fuse
16	-	-	-	Not Used
KR5: 17	**KR5:** -	**KR5:** KR5 Rear Window Defogger Relay	**KR5:** -	**KR5:** F28UA Fuse
NOTE: **Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block**				
-	-	KR3 Horn Relay	-	F51UA Fuse
-	-	KR114 Door Lock Security Relay	-	A23D Door Latch Assembly - Driver, A23P Door Latch Assembly - Passenger, A23LR Door Latch Assembly - Left Rear, A23RR Door Latch Assembly - Right Rear
-	-	KR46 Front Fog Lamp Relay	-	F48UA Fuse
-	-	KR48 Headlamp High Beam Relay	-	F37UA Fuse, F38UA Fuse
-	-	KR11 Windshield Washer Pump Relay	-	F56UA Fuse

X50A FUSE BLOCK - UNDERHOOD BOTTOM VIEW

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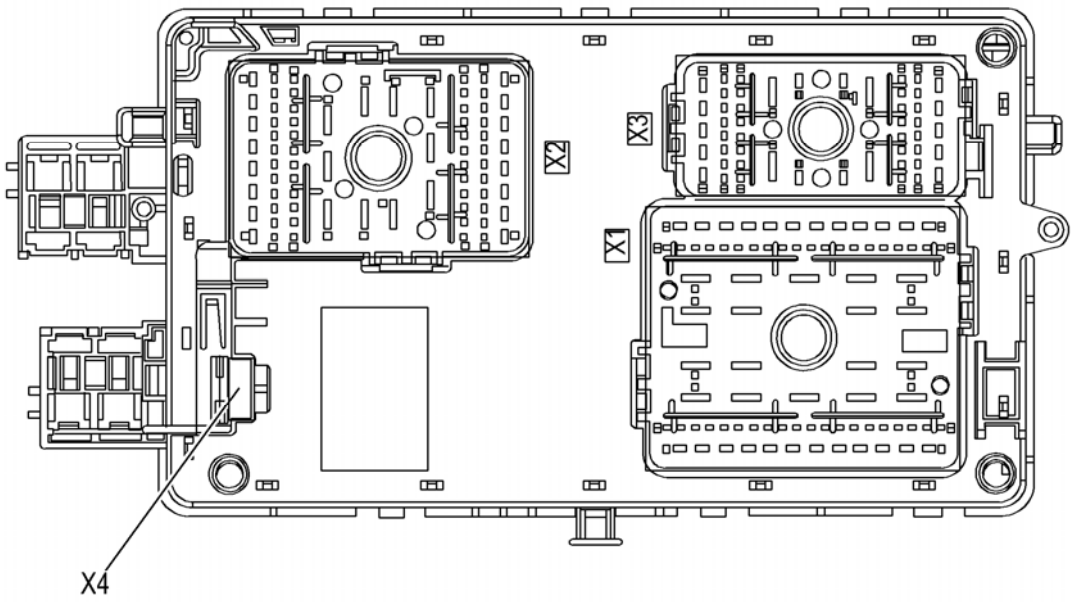
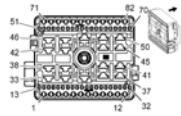


Fig. 3: X50A Fuse Block - Underhood Bottom View
Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD X1



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13732286
- Service Connector: 13580740
- Description: 82-Way F DSQ 1.5 2.8 Metri-Pack 800 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575760	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
II	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A

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III	13575718	J-35616-44 (YE)	J-38125-558	12110127	19	F	G
IV	13579931	J-35616-2A (GY)	J-38125-560	965914-1	32	K	K
V	13575491	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A

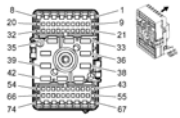
X50A Fuse Block - Underhood X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-10	-	-	-	Not Occupied	-	-
11: 11	**11:** 1	**11:** BN/GY	**11:** 29	**11:** Horn Control	**11:** I	**11:** -
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 1.5	**13:** WH	**13:** 311	**13:** Right Headlamp High Beam Control	**13:** II	**13:** -
14: 14	**14:** 1.5	**14:** WH	**14:** 711	**14:** Left Headlamp High Beam Control	**14:** II	**14:** -
15-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** RD/WH	**20:** 999	**20:** Cooling Fan Motor Supply Voltage (4)	**20:** II	**20:** -
21-29	-	-	-	Not Occupied	-	-
30: 30	**30:** 1	**30:** GY/VT	**30:** 228	**30:** Windshield Washer Pump Control	**30:** II	**30:** -
31: 31	**31:** 0.75	**31:** VT/BN	**31:** 34	**31:** Front Fog Lamp Control	**31:** II	**31:** -
32-33	-	-	-	Not Occupied	-	-
34: 34	**34:** 2.5	**34:** WH/BK	**34:** 2366	**34:** Cooling Fan Control Relay Speed Signal	**34:** -	**34:** -
35-42	-	-	-	Not Occupied	-	-
43: 43	**43:** 2.5	**43:** WH/BK	**43:** 2366	**43:** Cooling Fan Control Relay Speed Signal	**43:** III	**43:** -
44-45	-	-	-	Not Occupied	-	-
46: 46	**46:** 4	**46:** GY	**46:** 532	**46:** Cooling Fan Motor Control (2)	**46:** III	**46:** -
47: 47	**47:** 2.5	**47:** WH/D-BU	**47:** 409	**47:** Cooling Fan Motor Control (1)	**47:** III	**47:** -
48-49	-	-	-	Not Occupied	-	-
50: 50	**50:** 4	**50:** YE	**50:** 5358	**50:** Cooling Fan Motor Control (3)	**50:** III	**50:** -
51-52	-	-	-	Not Occupied	-	-
53: 53	**53:** 0.5	**53:** BN/RD	**53:** 2700	**53:** A/C Pressure Sensor 5 Volt Reference	**53:** II	**53:** -
54: 54	**54:** 0.5	**54:** BK/D-BU	**54:** 6813	**54:** Coolant Temperature	**54:** II	**54:** -

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				Sensor 2 Low Reference		
55: 55	**55:** 0.5	**55:** BK/BN	**55:** 5514	**55:** A/C Refrigerant Pressure Sensor Low Reference	**55:** II	**55:** -
56: 56	**56:** 0.5	**56:** D-GN/VT	**56:** 2032	**56:** Coolant Temperature Sensor Signal	**56:** II	**56:** -
57: 57	**57:** 0.5	**57:** D-GN	**57:** 380	**57:** A/C Refrigerant Pressure Sensor Signal	**57:** II	**57:** -
58-64	-	-	-	Not Occupied	-	-
65: 65	**65:** 0.5	**65:** VT/D-GN	**65:** 1339	**65:** Run/Crank Ignition 1 Voltage	**65:** II **65:** IV	**65:** C68
66: 66	**66:** 0.5	**66:** RD/WH	**66:** 999	**66:** Cooling Fan Motor Supply Voltage (4)	**66:** -	**66:** -
67: 67	**67:** 0.5	**67:** D-GN	**67:** 7625	**67:** Cooling Fan Motor Supply Voltage (4)	**67:** II	**67:** -
68: 68	**68:** 0.5	**68:** D-GN	**68:** 7625	**68:** Cooling Fan Motor Supply Voltage (4)	**68:** -	**68:** -
69-70	-	-	-	Not Occupied	-	-
71: 71	**71:** 2.5	**71:** BK	**71:** 1150	**71:** Ground	**71:** V	**71:** -
72: 72	**72:** 2.5	**72:** WH	**72:** 92	**72:** Windshield Wiper Motor High Speed Control	**72:** V	**72:** -
73: 73	**73:** 2.5	**73:** YE/BN	**73:** 95	**73:** Windshield Wiper Motor Low Speed Control	**73:** V	**73:** -
74: 74	**74:** 2.5	**74:** BK	**74:** 50	**74:** Ground	**74:** V	**74:** -
75-82	-	-	-	Not Occupied	-	-

X50A FUSE BLOCK - UNDERHOOD X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13732284
- Service: 13576544
- Description: 74-Way F 1.5/2.8 DSQ Metri-Pack 800 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
		J-35616-35					

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I	13575760	(VT)	J-38125-36	2-964284-1	25	E	A
II	13575718	J-35616-44 (YE)	J-38125-558	12110127	19	F	G
III	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
IV	13575491	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A

X50A Fuse Block - Underhood X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.75	**4:** GY	**4:** 295	**4:** Door Lock Actuator Lock Control SAE	**4:** I	**4:** -
5: 5	**5:** 0.75	**5:** WH/D-BU	**5:** 3266	**5:** Child Security Lock Motor Unlock Control SAE	**5:** I	**5:** -
6-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** BN/D-GN	**10:** 59	**10:** A/C Compressor Clutch Control	**10:** -	**10:** -
11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.75	**12:** GY/D-GN	**12:** 3271	**12:** Door Lock Control (2)	**12:** III	**12:** SAE
13: 13	**13:** 0.75	**13:** VT/YE	**13:** 3267	**13:** Child Security Lock Relay Control	**13:** III	**13:** SAE
14: 14	**14:** 0.5	**14:** VT/D-GN	**14:** 3039	**14:** Ignition Voltage	**14:** III	**14:** -
15: 15	**15:** 0.5	**15:** VT/BK	**15:** 739	**15:** Ignition Voltage	**15:** III	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** BN/VT	**17:** 1594	**17:** Ignition 3 Relay Control	**17:** III	**17:** -
18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** BN/WH	**19:** 1317	**19:** Fog Lamp Relay Control	**19:** III	**19:** -
20	-	-	-	Not Occupied	-	-
21: 21	**21:** 0.5	**21:** D-BU/BN	**21:** 7573	**21:** Electric Variable Displacement Supply	**21:** III	**21:** -
22: 22	**22:** 0.5	**22:** GY	**22:** 91	**22:** Windshield Wiper Motor Relay Coil Control	**22:** III	**22:** -
23: 23	**23:** 0.5	**23:** RD/GY	**23:** 2840	**23:** Battery Positive Voltage	**23:** III	**23:** -
24	-	-	-	Not Occupied	-	-
25: 25	**25:** 0.5	**25:** BN/WH	**25:** 28	**25:** Horn Relay Control	**25:** III	**25:** -
26: 26	**26:** 0.5	**26:** VT/WH	**26:** 239	**26:** Ignition Voltage	**26:** III	**26:** -
27	-	-	-	Not Occupied	-	-

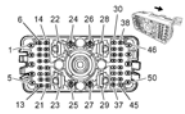
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28: 28	**28:** 0.5 **28:** 0.5	**28:** RD/D-GN **28:** RD/GY	**28:** 1540 **28:** 2840	**28:** Battery Positive Voltage **28:** Battery Positive Voltage	**28:** III	**28:** DWY or DWE
29: 29	**29:** 0.5	**29:** VT/WH	**29:** 239	**29:** Ignition Voltage	**29:** III	**29:** -
30	-	-	-	Not Occupied	-	-
31: 31	**31:** 0.5	**31:** VT/WH	**31:** 2839	**31:** Ignition Voltage	**31:** III	**31:** DD8
32	-	-	-	Not Occupied	-	-
33: 33	**33:** 4	**33:** RD/BN	**33:** 2940	**33:** Battery Positive Voltage	**33:** II	**33:** AEQ
34-35	-	-	-	Not Occupied	-	-
36: 36	**36:** 4	**36:** RD/D-GN	**36:** 1540	**36:** Battery Positive Voltage	**36:** II	**36:** -
37-38	-	-	-	Not Occupied	-	-
39: 39	**39:** 4	**39:** BN/VT	**39:** 293	**39:** Rear Defog Element Control	**39:** II	**39:** -
40: 40	**40:** 2.5	**40:** RD/VT	**40:** 1940	**40:** Battery Positive Voltage	**40:** II	**40:** -
41: 41	**41:** 4	**41:** RD/VT	**41:** 1640	**41:** Battery Positive Voltage	**41:** II	**41:** -
42-55	-	-	-	Not Occupied	-	-
56: 56	**56:** 1	**56:** RD/D-GN	**56:** 1840	**56:** Battery Positive Voltage	**56:** III	**56:** -
57	-	-	-	Not Occupied	-	-
58: 58	**58:** 0.5	**58:** BN/VT	**58:** 1969	**58:** Headlamp High Beam Relay Control	**58:** III	**58:** -
59	-	-	-	Not Occupied	-	-
60: 60	**60:** 0.5	**60:** BN/GY	**60:** 2268	**60:** Windshield Washer Relay Control	**60:** III	**60:** -
61: 61	**61:** 0.5	**61:** BN/VT	**61:** 193	**61:** Rear Defog Relay Control	**61:** III	**61:** -
62: 62	**62:** 0.5	**62:** BN/YE	**62:** 2267	**62:** Mirror Heating Element Control	**62:** III	**62:** -
63: 63	**63:** 0.5	**63:** RD/GY	**63:** 402	**63:** Battery Positive Voltage	**63:** III	**63:** -
64-66	-	-	-	Not Occupied	-	-
67: 67	**67:** 1.5	**67:** RD/WH	**67:** 2740	**67:** Battery Positive Voltage	**67:** IV	**67:** -
68: 68	**68:** 1.5	**68:** RD/VT	**68:** 2640	**68:** Battery Positive Voltage	**68:** IV	**68:** -
69: 69	**69:** 2.5	**69:** RD/WH	**69:** 2040	**69:** Battery Positive Voltage	**69:** IV	**69:** -
70: 70	**70:** 2.5	**70:** RD/WH	**70:** 140	**70:** Battery Positive Voltage	**70:** IV	**70:** -

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71: 71	**71:** 2.5	**71:** RD/WH	**71:** 1040	**71:** Battery Positive Voltage	**71:** IV	**71:** UQG
72: 72	**72:** 0.5	**72:** RD/BN	**72:** 1440	**72:** Battery Positive Voltage	**72:** I	**72:** -
73: 73	**73:** 0.5	**73:** D-BU/BN	**73:** 7573	**73:** Electric Variable Displacement Supply	**73:** -	**73:** -
74: 74	**74:** 2.5	**74:** RD/GY	**74:** 1740	**74:** Battery Positive Voltage	**74:** IV	**74:** -

X50A FUSE BLOCK - UNDERHOOD X3 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13262029
- Service Connector: 13505902
- Description: 50-Way F DSQ 1.5 2.8 Metri-Pack 800 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575860	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13575860	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A

X50A Fuse Block - Underhood X3 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** RD/D-BU	**1:** 5290	**1:** Powertrain Main Relay Fused Supply (1)	**1:** I	**1:** -
2: 2	**2:** 1	**2:** RD/D-BU	**2:** 5291	**2:** Powertrain Main Relay Fused Supply (2)	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** YE	**5:** 6	**5:** Starter Solenoid Crank Voltage	**5:** I	**5:** -
6: 6	**6:** 1	**6:** RD/WH	**6:** 5293	**6:** Powertrain Main Relay	**6:** II	**6:** -

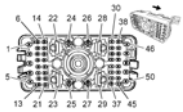
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				Fused Supply (4)		
7: 7	**7:** 0.75	**7:** VT/BN	**7:** 5294	**7:** Powertrain Main Relay Fused Supply (5)	**7:** II	**7:** -
8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** BK	**9:** 150	**9:** Ground	**9:** II	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** YE/BK	**11:** 625	**11:** Starter Enable Relay Control	**11:** II	**11:** -
12-14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** BN/YE	**15:** 473	**15:** High Speed Cooling Fan Relay Control	**15:** II	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** YE	**17:** 5991	**17:** Powertrain Relay Coil Control	**17:** II	**17:** -
18-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.75	**20:** VT/D-BU	**20:** 139	**20:** Run/Crank Ignition 1 Voltage	**20:** II	**20:** -
21: 21	**21:** 0.5	**21:** BK	**21:** 150	**21:** Ground	**21:** II	**21:** -
22-26	-	-	-	Not Occupied	-	-
27: 27	**27:** 0.75	**27:** RD/WH	**27:** 140	**27:** Battery Positive Voltage	**27:** III	**27:** -
28-29	-	-	-	Not Occupied	-	-
30: 30	**30:** 0.5	**30:** BK/L-BU	**30:** 6813	**30:** Coolant Temperature Sensor #2 Low Reference	**30:** II	**30:** -
31: 31	**31:** 0.5	**31:** YE/BK	**31:** 3000	**31:** Coolant Temperature Sensor #2 Signal	**31:** II	**31:** -
32: 32	**32:** 0.5	**32:** L-GN	**32:** 380	**32:** A/C Refrigerant Pressure Sensor Signal	**32:** II	**32:** -
33	-	-	-	Not Occupied	-	-
34: 34	**34:** 0.75	**34:** WH/YE	**34:** 459	**34:** A/C Compressor Clutch Relay Control	**34:** II	**34:** -
35: 35	**35:** 0.75	**35:** D-BU	**35:** 5372	**35:** Canister Valve Solenoid	**35:** II	**35:** -
36	-	-	-	Not Occupied	-	-
37: 37	**37:** 0.75	**37:** RD/WH	**37:** 340	**37:** Battery Positive Voltage	**37:** -	**37:** MH8
38: 38	**38:** 0.5	**38:** BN/RD	**38:** 2700	**38:** A/C Pressure Sensor 5V Reference	**38:** II	**38:** -
39: 39	**39:** 0.5	**39:** BK/BN	**39:** 5514	**39:** A/C Refrigerant Pressure Sensor Low Reference	**39:** II	**39:** -
40-45	-	-	-	Not Occupied	-	-
46: 46	**46:** 0.5	**46:** BN/YE	**46:** 473	**46:** High Speed Cooling	**46:** III	**46:** -

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				Fan Relay Control		
47-48	-	-	-	Not Occupied	-	-
49: 49	**49:** 0.5	**49:** L-GN/VT	**49:** 335	**49:** Low Speed Cooling Fan Relay Control	**49:** III	**49:** -
50: 50	**50:** 1	**50:** BN/D-GN	**50:** 59	**50:** A/C Compressor Clutch Supply Voltage	**50:** III	**50:** -

X50A FUSE BLOCK - UNDERHOOD X3 (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13262029
- Service Connector: 13505902
- Description: 50-Way F DSQ 1.5 2.8 Metri-Pack 800 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575860	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
II	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A

X50A Fuse Block - Underhood X3 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** VT/L-BU	**1:** 5290	**1:** Powertrain Main Relay Fused Supply (1)	**1:** I	**1:** -
2: 2	**2:** 1.5	**2:** VT/L-BU	**2:** 5291	**2:** Powertrain Main Relay Fused Supply (2)	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** BK/RD	**5:** 6	**5:** Starter Solenoid Crank Voltage	**5:** I	**5:** -
6: 6	**6:** 1.5	**6:** VT/L-BU	**6:** 5293	**6:** Powertrain Main Relay Fused Supply (4)	**6:** II	**6:** -
				7: Powertrain Main Relay		

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7: 7	**7:** 0.75	**7:** VT/D-BU	**7:** 5294	Fused Supply (5)	**7:** III	**7:** -
8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** BK	**9:** 150	**9:** Ground	**9:** III	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** YE/BK	**11:** 625	**11:** Starter Enable Relay Control	**11:** III	**11:** -
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.5	**13:** D-GN/GY	**13:** 465	**13:** Fuel Pump Primary Relay Control	**13:** III	**13:** -
14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** BN/YE	**15:** 335	**15:** Low Speed Cooling Fan Relay Control	**15:** III	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** YE	**17:** 5991	**17:** Powertrain Relay Coil Control	**17:** III	**17:** -
18-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.75	**20:** VT/GY	**20:** 139	**20:** Run/Crank Ignition 1 Voltage	**20:** I	**20:** -
21: 21	**21:** 0.5	**21:** BK	**21:** 150	**21:** Ground	**21:** III	**21:** -
22-26	-	-	-	Not Occupied	-	-
27: 27	**27:** 0.75	**27:** RD/WH	**27:** 140	**27:** Battery Positive Voltage	**27:** I	**27:** -
28-29	-	-	-	Not Occupied	-	-
30: 30	**30:** 0.5	**30:** BK/L-BU	**30:** 6813	**30:** Coolant Temperature Sensor #2 Low Reference	**30:** III	**30:** -
31: 31	**31:** 0.5	**31:** YE/BK	**31:** 3000	**31:** Coolant Temperature Sensor #2 Signal	**31:** III	**31:** -
32: 32	**32:** 0.5	**32:** L-GN	**32:** 380	**32:** A/C Refrigerant Pressure Sensor Signal	**32:** III	**32:** -
33	-	-	-	Not Occupied	-	-
34: 34	**34:** 0.5	**34:** WH/GY	**34:** 459	**34:** A/C Compressor Clutch Relay Control	**34:** III	**34:** -
35: 35	**35:** 0.75	**35:** L-BU	**35:** 5372	**35:** Canister Valve Solenoid	**35:** III	**35:** -
36	-	-	-	Not Occupied	-	-
37: 37	**37:** 0.75	**37:** RD/WH	**37:** 1840	**37:** Battery Positive Voltage	**37:** III	**37:** MH8
38: 38	**38:** 0.5	**38:** BN/RD	**38:** 2700	**38:** A/C Pressure Sensor 5V Reference	**38:** III	**38:** -
39: 39	**39:** 0.5	**39:** BK/BN	**39:** 5514	**39:** A/C Refrigerant Pressure Sensor Low Reference	**39:** III	**39:** -
40-45	-	-	-	Not Occupied	-	-

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46: 46	**46:** 0.5	**46:** BN/YE	**46:** 473	**46:** High Speed Cooling Fan Relay Control	**46:** I	**46:** -
47-48	-	-	-	Not Occupied	-	-
49: 49	**49:** 0.5	**49:** GY/VT	**49:** 335	**49:** Low Speed Cooling Fan Relay Control	**49:** I	**49:** -
50	-	-	-	Not Occupied	-	-

X50A FUSE BLOCK - UNDERHOOD X4

Connector Part Information

- Harness Type: Fuse Block - Underhood
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

X50A Fuse Block - Underhood X4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 35	**1:** RD/WH	**1:** 4042	**1:** Battery Positive Voltage	**1:** I	**1:** -

X50D FUSE BLOCK - BATTERY TOP VIEW

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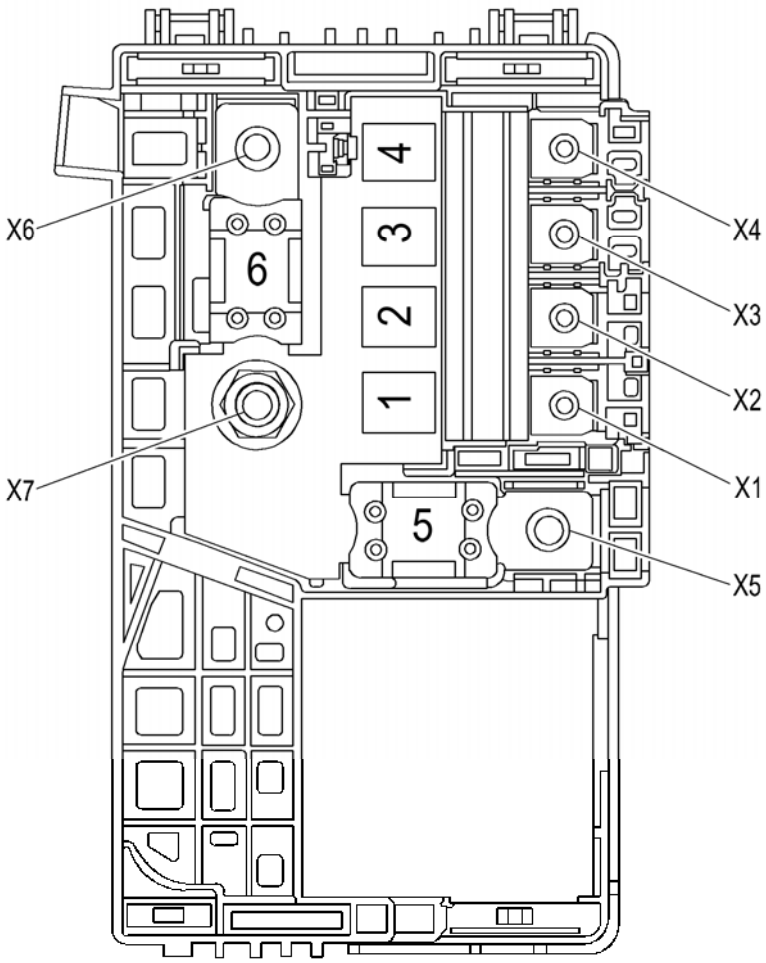


Fig. 4: X50D Fuse Block - Battery Top View
Courtesy of GENERAL MOTORS COMPANY

X50D Fuse Block - Battery Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1UD: 1	**F1UD:** -	**F1UD:** F1UD Fuse	**F1UD:** 100A	**F1UD:** X51 Fuse Block - Instrument Panel
F2UD: 2	**F2UD:** -	**F2UD:** F2UD Fuse	**F2UD:** 100A	**F2UD:** X51 Fuse Block - Instrument Panel
F3UD: 3	**F3UD:** -	**F3UD:** F3UD Fuse	**F3UD:** 80A	**F3UD:** K43 Power Steering Control Module
F4UD: 4	**F4UD:** -	**F4UD:** F4UD Fuse	**F4UD:** -	**F4UD:** Not Used
F5UD: 5	**F5UD:** -	**F5UD:** F5UD Fuse	**F5UD:** 250A	**F5UD:** Fuse Block - Underhood
F6UD: 6	**F6UD:** -	**F6UD:** F6UD Fuse	**F6UD:** 250A	**F6UD:** M64 Starter Motor, G13 Generator

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X50D FUSE BLOCK - BATTERY X1

Connector Part Information

- Harness Type: Body
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

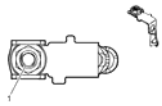
Terminal Part Information

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

X50D Fuse Block - Battery X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 10	**1:** RD/GN	**1:** 5140	**1:** Battery Positive Voltage	**1:** I	**1:** -

X50D FUSE BLOCK - BATTERY X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13605717
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

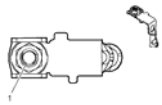
X50D Fuse Block - Battery X2

					Terminal Type	

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Pin	Size	Color	Circuit	Function	ID	Option
A: A	**A:** 10	**A:** RD/YE	**A:** 5040	**A:** Battery Positive Voltage	**A:** I	**A:** -

X50D FUSE BLOCK - BATTERY X3



Connector Part Information

- Harness Type: Power Steering
- OEM Connector: 13605716
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

X50D Fuse Block - Battery X3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 10	**A:** RD/WH	**A:** 140	**A:** Battery Positive Voltage	**A:** I	**A:** -

X50D FUSE BLOCK - BATTERY X5

Connector Part Information

- Harness Type: Fuse Block - Underhood
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

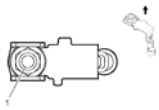
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	Available	Required	Required	Available	Available	Available	Available

X50D Fuse Block - Battery X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 10	**1:** RD/WH	**1:** 4042	**1:** Battery Positive Voltage	**1:** I	**1:** -

X50D FUSE BLOCK - BATTERY X6



Connector Part Information

- Harness Type: Battery Positive
- OEM Connector: 13605714
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

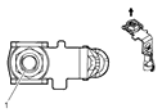
Terminal Part Information

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

X50D Fuse Block - Battery X6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 20	**A:** RD	**A:** 2	**A:** Battery Positive Voltage	**A:** I	**A:** -

X50D FUSE BLOCK - BATTERY X7



Connector Part Information

- Harness Type: Battery
- OEM Connector: 13278091
- Service Connector: Service by Harness - See Part Catalog
- Description: Ring Terminal

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Terminal Part Information

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

X50D Fuse Block - Battery X7

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 10	**1:** RD/GN	**1:** 40	**1:** Battery Positive Voltage	**1:** I	**1:** -

X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW FUSES

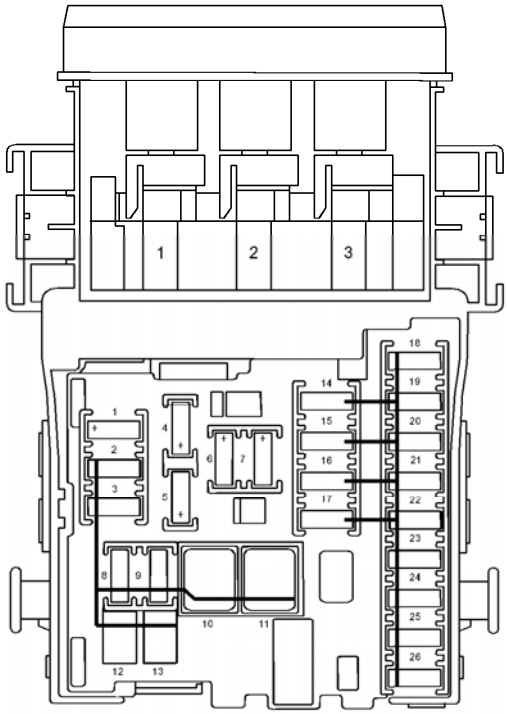


Fig. 5: X51A Fuse Block -- Instrument Panel Top View Fuses
Courtesy of GENERAL MOTORS COMPANY

X51A Fuse Block - Instrument Panel Fuse Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1DA: 1	**F1DA:** -	**F1DA:** F1DA Fuse	**F1DA:** 10A	**F1DA:** K73 Telematics Communication Interface Control Module (UE1)
F2DA: 2	**F2DA:** -	**F2DA:** F2DA Fuse	**F2DA:** -	**F2DA:** Not Used

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F3DA: 3	**F3DA:** -	**F3DA:** F3DA Fuse	**F3DA:** 25A	**F3DA:** K9 Body Control Module
F4DA: 4	**F4DA:** -	**F4DA:** F4DA Fuse	**F4DA:** 20A	**F4DA:** A11 Radio
F5DA: 5	**F5DA:** -	**F5DA:** F5DA Fuse	**F5DA:** 7.5A	**F5DA:** A22 Radio Controls, K41 Parking Assist Control Module (UD7), P17 Info Display Module, T11 Multimedia Player Interface Module (KTA)
F6DA: 6	**F6DA:** -	**F6DA:** F6DA Fuse	**F6DA:** 20A	**F6DA:** E32 Cigarette Lighter Receptacle
F7DA: 7	**F7DA:** -	**F7DA:** F7DA Fuse	**F7DA:** 20A	**F7DA:** X80L Accessory Power Receptacle - Rear Console
F8DA: 8	**F8DA:** -	**F8DA:** F8DA Fuse	**F8DA:** 30A	**F8DA:** K9 Body Control Module
F9DA: 9	**F9DA:** -	**F9DA:** F9DA Fuse	**F9DA:** 30A	**F9DA:** K9 Body Control Module
F10DA: 10	**F10DA:** -	**F10DA:** F10DA Fuse	**F10DA:** 30A	**F10DA:** K9 Body Control Module
F11DA: 11	**F11DA:** -	**F11DA:** F11DA Fuse	**F11DA:** 40A	**F11DA:** K8 Blower Motor Control Module
F12DA: 12	**F12DA:** -	**F12DA:** F12DA Fuse	**F12DA:** -	**F12DA:** Not Used
F13DA: 13	**F13DA:** -	**F13DA:** F13DA Fuse	**F13DA:** 25A	**F13DA:** S64D Seat Adjuster Switch - Driver (ADS)
F14DA: 14	**F14DA:** -	**F14DA:** F14DA Fuse	**F14DA:** 7.5A	**F14DA:** X84 Data Link Connector
F15DA: 15	**F15DA:** -	**F15DA:** F15DA Fuse	**F15DA:** 10A	**F15DA:** K36 Inflatable Restraint Sensing and Diagnostic Module
F16DA: 16	**F16DA:** -	**F16DA:** F16DA Fuse	**F16DA:** 10A	**F16DA:** KR95B Rear Compartment Lid Release Relay
F17DA: 17	**F17DA:** -	**F17DA:** F17DA Fuse	**F17DA:** 15A	**F17DA:** K33 HVAC Control Module, S34 HVAC Controls Switch Assembly
F18DA: 18	**F18DA:** -	**F18DA:** F18DA Fuse	**F18DA:** -	**F18DA:** Not Used
F19DA: 19	**F19DA:** -	**F19DA:** F19DA Fuse	**F19DA:** -	**F19DA:** Not Used
F20DA: 20	**F20DA:** -	**F20DA:** F20DA Fuse	**F20DA:** -	**F20DA:** Not Used
F21DA: 21	**F21DA:** -	**F21DA:** F21DA Fuse	**F21DA:** 15A	**F21DA:** P16 Instrument Cluster
		F22DA: F22DA		

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F22DA: 22	**F22DA:** -	Fuse	**F22DA:** 2A	**F22DA:** S39 Ignition Switch
F23DA: 23	**F23DA:** -	**F23DA:** F23DA Fuse	**F23DA:** 20A	**F23DA:** K9 Body Control Module
F24DA: 24	**F24DA:** -	**F24DA:** F24DA Fuse	**F24DA:** 20A	**F24DA:** K9 Body Control Module
F25DA: 25	**F25DA:** -	**F25DA:** F25DA Fuse	**F25DA:** 20A	**F25DA:** K60 Steering Column Lock Control Module (ULS)
F26DA: 26	**F26DA:** -	**F26DA:** F26DA Fuse	**F26DA:** -	**F26DA:** Not Used

X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW RELAYS

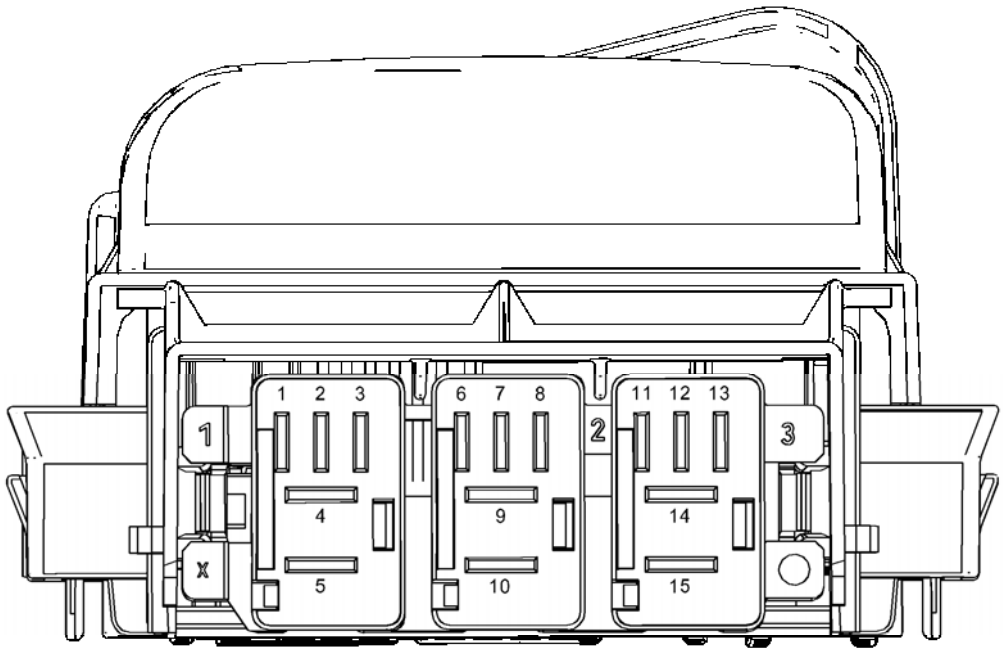


Fig. 6: X51A Fuse Block -- Instrument Panel Top View Relays (except CZ2)
Courtesy of GENERAL MOTORS COMPANY

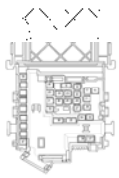
X51A Fuse Block - Instrument Panel Relay Usage

	Device Label	Device Assigned		

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No.	Name	Name	Rating	Description
KR95B: 1	**KR95B:** -	**KR95B:** KR95B Rear Compartment Lid Unlatch Relay	**KR95B:** -	**KR95B:** M40 Rear Compartment Lid Unlatch
KR104A: 2	**KR104A:** -	**KR104A:** KR104A Battery Saver Relay 1	**KR104A:** -	**KR104A:** F1DA Fuse, F4DA Fuse, F5DA Fuse
KR76: 3	**KR76:** -	**KR76:** KR76 Retained Accessory Power Relay	**KR76:** -	**KR76:** F6DA Fuse, F7DA Fuse

X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW FUSES



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595188
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way Fuse Block (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575780	J-35616-35 (VT)	J-38125-38	2-964284-1	25	E	A
II	13575781	J-35616-35 (VT)	J-38125-38	4-965999-1	25	4	A
III	13575730	J-35616-42 (RD)	J-38125-11A	15396853	23	Not Available	Not Available
IV	13327178	J-35616-43 (RD)	J-38125-11A	15343823	19	G/F/G	G/F/G
V	13575770	J-35616-43 (RD)	J-38125-11A	15343823	19	G/F/G	G/F/G

X51A Fuse Block - Instrument Panel Bottom View Fuses

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16: 16	**16:** 0.5	**16:** RD/L-GN	**16:** 3140	**16:** Battery Positive Voltage	**16:** I	**16:** -
				17: Battery Positive		

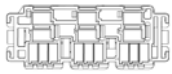
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17: 17	**17:** 0.5	**17:** RD/D-BU	**17:** 840	Voltage	**17:** I	**17:** -
18: 18	**18:** 1.5	**18:** RD/D-GN	**18:** 40	**18:** Battery Positive Voltage	**18:** II	**18:** -
19: 19	**19:** 6	**19:** RD/D-GN	**19:** 3140	**19:** Battery Positive Voltage	**19:** III	**19:** -
20: 20	**20:** 0.5	**20:** RD/D-BU	**20:** 540	**20:** Battery Positive Voltage	**20:** I	**20:** -
21	-	-	-	Not Occupied	-	-
22: 22	**22:** 2.5	**22:** RD/D-GN	**22:** 3140	**22:** Battery Positive Voltage	**22:** II	**22:** -
23: 23	**23:** 1	**23:** VT	**23:** 801	**23:** Retained Accessory Power Fuse Supply Voltage	**23:** I	**23:** -
24: 24	**24:** 1	**24:** VT	**24:** 801	**24:** Retained Accessory Power Fuse Supply Voltage	**24:** I	**24:** -
25: 25	**25:** 0.75	**25:** RD/YE	**25:** 3040	**25:** Battery Positive Voltage	**25:** I	**25:** -
26: 26	**26:** 1.5	**26:** RD/D-BU	**26:** 2540	**26:** Battery Positive Voltage	**26:** II	**26:** -
27: 27	**27:** 1.5	**27:** RD/L-GN	**27:** 3140	**27:** Battery Positive Voltage	**27:** II	**27:** -
28: 28	**28:** 0.5	**28:** RD/L-GN	**28:** 3140	**28:** Battery Positive Voltage	**28:** I	**28:** -
29: 29	**29:** 1	**29:** D-BU/WH	**29:** 6128	**29:** Rear Closure Unlatch Motor Unlatch Control	**29:** I	**29:** -
30: 30	**30:** 1	**30:** D-BU/WH	**30:** 6128	**30:** Rear Closure Unlatch Motor Unlatch Control	**30:** I	**30:** -
31: 31	**31:** 0.5	**31:** RD/D-BU	**31:** 5240	**31:** Battery Positive Voltage	**31:** I	**31:** -
32: 32	**32:** 0.75 **32:** 0.75	**32:** RD/YE **32:** RD/YE	**32:** 240 **32:** 240	**32:** Battery Positive Voltage **32:** Battery Positive Voltage	**32:** II	**32:** -
33: 33	**33:** 2.5	**33:** RD/YE	**33:** 2340	**33:** Battery Positive Voltage	**33:** II	**33:** -
34: 34	**34:** 2.5	**34:** RD/D-GN	**34:** 2440	**34:** Battery Positive Voltage	**34:** II	**34:** -
35: 35	**35:** 2.5	**35:** RD/GY	**35:** 2840	**35:** Battery Positive Voltage	**35:** IV	**35:** -
36: 36	**36:** 4	**36:** RD/BN	**36:** 440	**36:** Battery Positive Voltage	**36:** V	**36:** -
37	-	-	-	Not Occupied	-	-
38: 38	**38:** 1.5	**38:** RD/BN	**38:** 702	**38:** Battery Positive	**38:** II	**38:** -

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				Voltage		
39-41	-	-	-	Not Occupied	-	-
42: 42	**42:** 0.75	**42:** RD/WH	**42:** 140	**42:** Battery Positive Voltage	**42:** I	**42:** -
43: 43	**43:** 0.5	**43:** RD/VT	**43:** 340	**43:** Battery Positive Voltage	**43:** I	**43:** -
44: 44	**44:** 1.5	**44:** RD/GY	**44:** 2140	**44:** Battery Positive Voltage	**44:** II	**44:** -
45: 45	**45:** 1.5	**45:** RD/BN	**45:** 2240	**45:** Battery Positive Voltage	**45:** II	**45:** -
46-47	-	-	-	Not Occupied	-	-

X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW RELAYS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595183
- Service Connector: Service by Component Assembly - See Part Catalog
- Description: 15-Way Relay Block (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327158	J-35616-42 (RD)	J-38125-11A	15344769	23	A	B
II	13327158	J-35616-42 (RD)	J-38125-11A	15344769	23	F	B

X51A Fuse Block - Instrument Panel Bottom View Relays

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 1650	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1650	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/YE	**3:** 6188	**3:** Lift Glass/Trunk Motor Release Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD/D-BU	**4:** 5240	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-BU/YE	**5:** 6795	**5:** Lift Glass/Trunk Motor Release Control 2	**5:** I	**5:** -
				6: Technology		

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6: 6	**6:** 0.5	**6:** L-GN/BK	**6:** 5103	Identification	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK	**7:** 1650	**7:** Ground	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** YE	**8:** 7546	**8:** Logistics Relay Control	**8:** I	**8:** -
9: 9	**9:** 2.5	**9:** RD/D-GN	**9:** 3140	**9:** Battery Positive Voltage	**9:** II	**9:** -
10: 10	**10:** 2.5	**10:** RD/D-GN	**10:** 3140	**10:** Battery Positive Voltage	**10:** II	**10:** -
11: 11	**11:** 0.5	**11:** VT/BK	**11:** 3	**11:** Run/Crank Ignition 1 Voltage	**11:** I	**11:** -
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.5	**13:** BK	**13:** 1650	**13:** Ground	**13:** I	**13:** -
14: 14	**14:** 1 **14:** 1	**14:** D-BU/WH **14:** D-BU/WH	**14:** 6128 **14:** 6128	**14:** Rear Closure Unlatch Motor Unlatch Control **14:** Rear Closure Unlatch Motor Unlatch Control	**14:** II	**14:** -
15: 15	**15:** 2.5	**15:** RD/D-GN	**15:** 3140	**15:** Battery Positive Voltage	**15:** II	**15:** -

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Front of Vehicle/Engine Compartment Component Views - Cruze

FRONT OF VEHICLE/ENGINE COMPARTMENT COMPONENT VIEWS

FRONT OF VEHICLE COMPONENTS

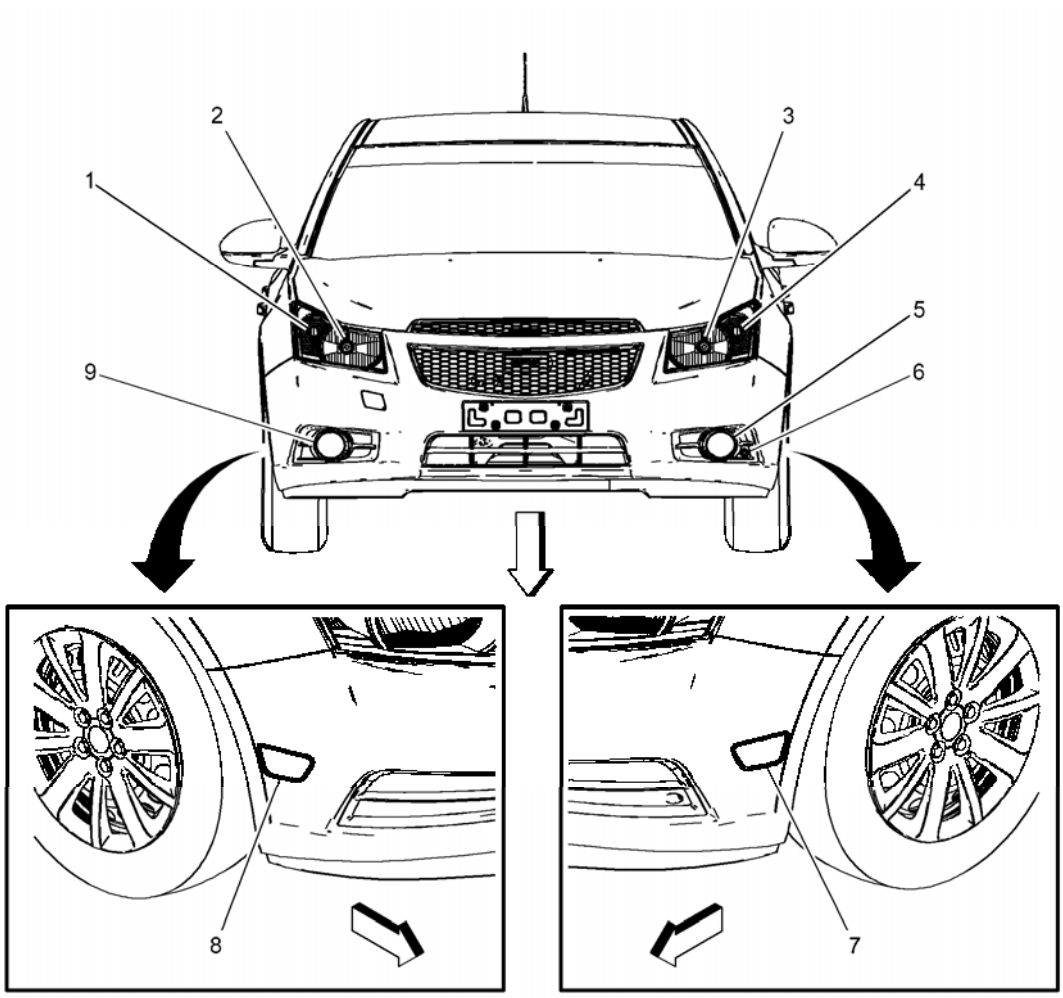


Fig. 1: Front Of Vehicle
Courtesy of GENERAL MOTORS COMPANY

Items
1: E4P Park/Turn Signal Lamp - Right **E4P Park/Turn Signal Lamp - Right**
2: E13R Headlamp - Right **E13R Headlamp - Right**
3: E13L Headlamp - Left **E13L Headlamp - Left**
4: E4N Park/Turn Signal Lamp - Left **E4N Park/Turn Signal Lamp - Left**

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5: E29LF Fog Lamp - Left Front (T3U) **E29LF Fog Lamp - Left Front (T3U)**
6: B9 Ambient Air Temperature Sensor **B9 Ambient Air Temperature Sensor**
7: E2LF Side Marker Lamp - Left Front **E2LF Side Marker Lamp - Left Front**
8: E2RF Side Marker Lamp - Right Front **E2RF Side Marker Lamp - Right Front**
9: E29RF Fog Lamp - Right Front (T3U) **E29RF Fog Lamp - Right Front (T3U)**

BEHIND THE FRONT BUMPER FASCIA COMPONENTS (Y8X)

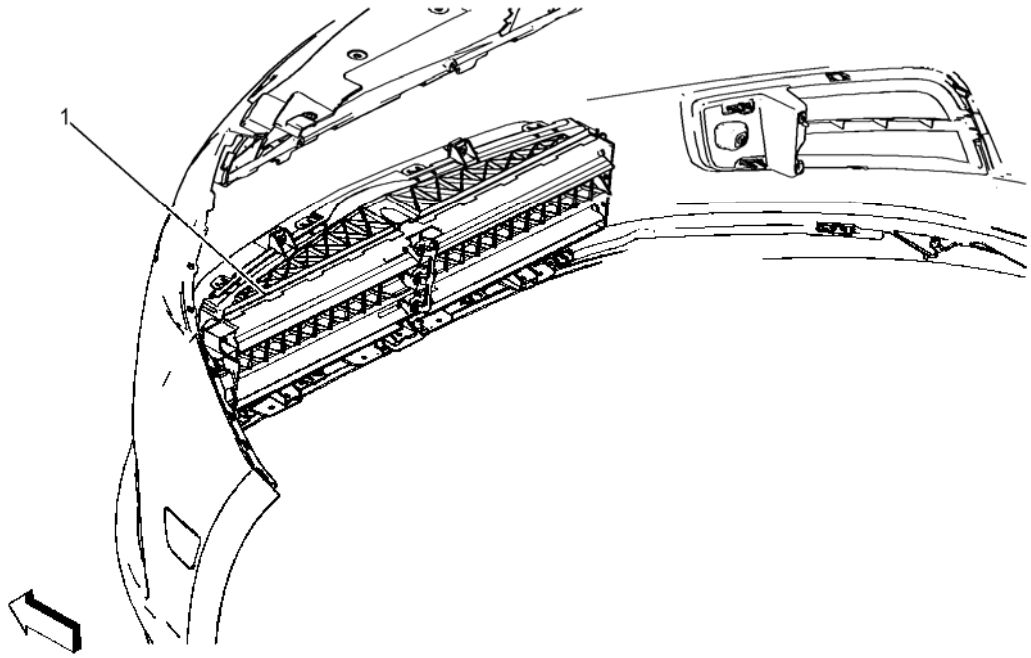


Fig. 2: Behind Front Bumper Fascia (Y8X)
Courtesy of GENERAL MOTORS COMPANY

Items
1: M96 Active Grille Air Shutter Actuator (Y8K) **M96 Active Grille Air Shutter Actuator (Y8X)**

FRONT OF ENGINE COMPARTMENT COMPONENTS

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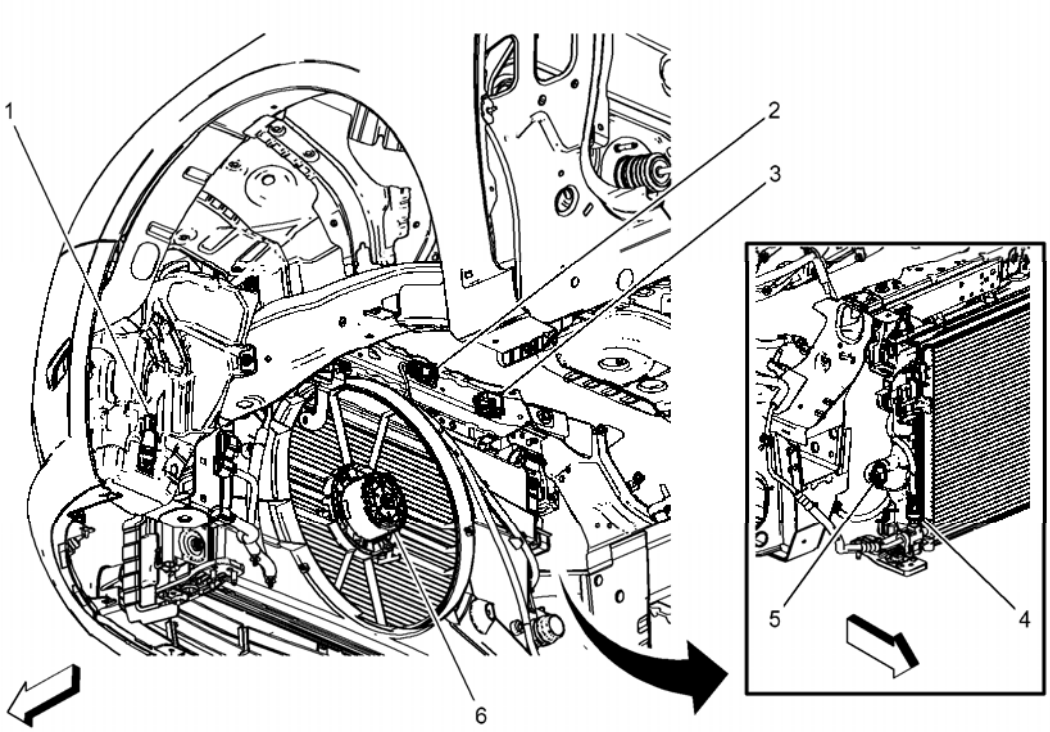


Fig. 3: Front Of Engine Compartment
Courtesy of GENERAL MOTORS COMPANY

Items
1: G24 Windshield Washer Pump **G24 Windshield Washer Pump**
2: B55 Hood Ajar Switch **B55 Hood Ajar Switch**
3: B59R Front Impact Sensor - Right **B59R Front Impact Sensor - Right**
4: B1 A/C Refrigerant Pressure Sensor **B1 A/C Refrigerant Pressure Sensor**
5: B34B Engine Coolant Temperature Sensor 2 **B34B Engine Coolant Temperature Sensor 2**
6: G10 Cooling Fan Motor **G10 Cooling Fan Motor**

LEFT SIDE OF ENGINE COMPARTMENT COMPONENTS

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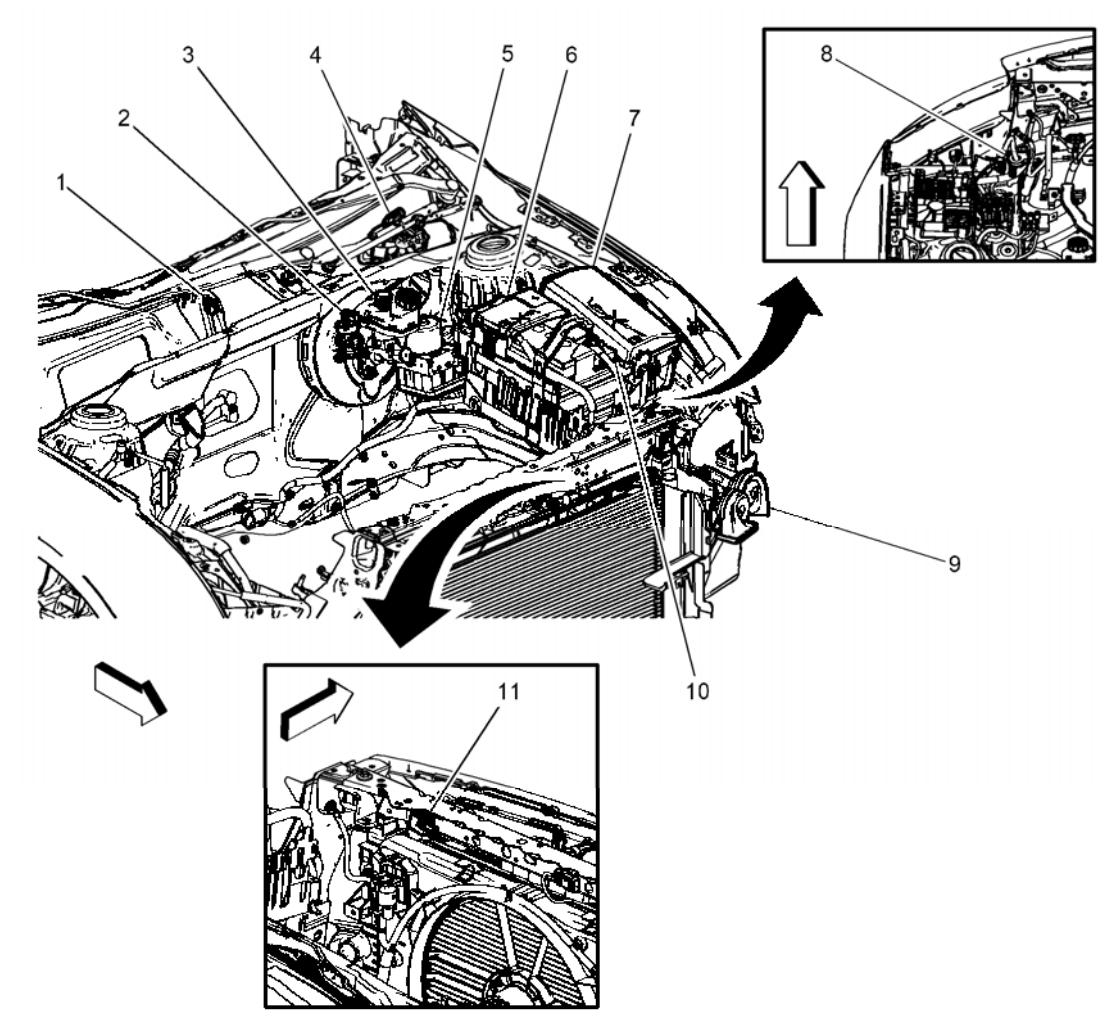


Fig. 4: Left Side Of Engine Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

1: B108 Air Quality Sensor (C68) **B108 Air Quality Sensor (C68)**
2: B19B Brake Booster Vacuum Sensor **B19B Brake Booster Vacuum Sensor**
3: B20 Brake Fluid Level Switch **B20 Brake Fluid Level Switch**
4: M75 Windshield Wiper Motor **M75 Windshield Wiper Motor**
5: K17 Electronic Brake Control Module **K17 Electronic Brake Control Module**
6: X50D Fuse Block - Battery **X50D Fuse Block - Battery X1** **X50D Fuse Block - Battery X2** **X50D Fuse Block - Battery X3** **X50D Fuse Block - Battery X5** **X50D Fuse Block - Battery X6** **X50D Fuse Block - Battery X7**
7: X50A Fuse Block - Underhood **X50A Fuse Block - Underhood X1** **X50A Fuse Block - Underhood X2** **X50A Fuse Block - Underhood X3 (LUV)** **X50A Fuse Block - Underhood X3 (LUW/LWE)** **X50A Fuse Block - Underhood X4**
8: B18 Battery Current Sensor **B18 Battery Current Sensor**
9: P12 Horn **P12 Horn**

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10: C1 Battery
11: B59L Front Impact Sensor - Left **B59L Front Impact Sensor - Left**

LOWER REAR OF ENGINE COMPARTMENT COMPONENTS

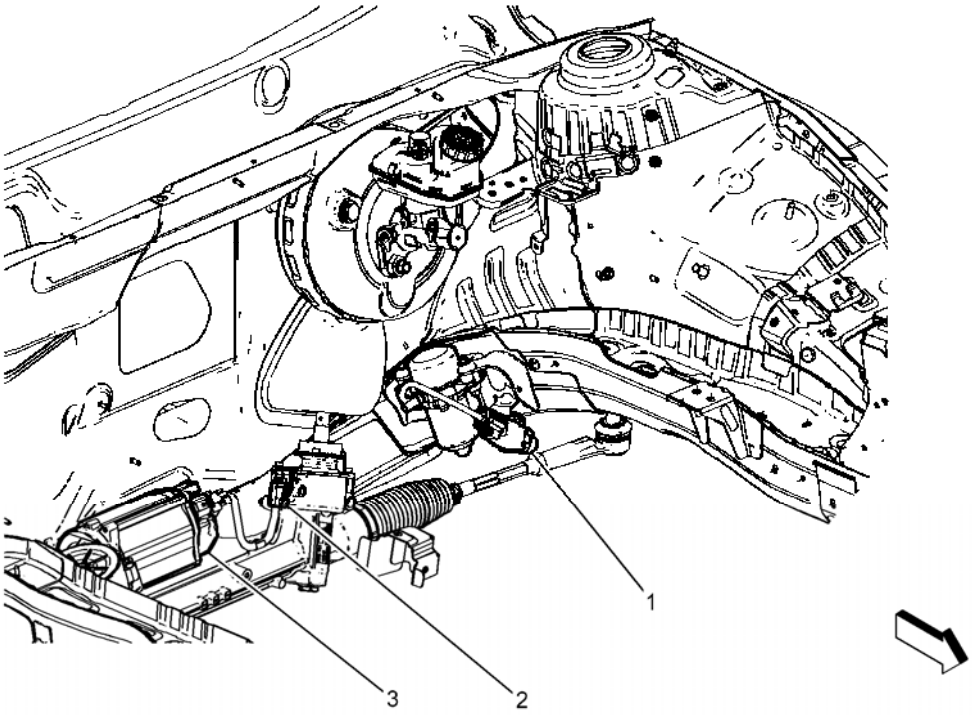


Fig. 5: Lower Rear Of Engine Compartment
Courtesy of GENERAL MOTORS COMPANY

Items
1: M9 Brake Booster Pump Motor
2: B137 Power Steering Shaft Torque Sensor (NJ1)
3: K43 Power Steering Control Module **K43 Power Steering Control Module X1** **K43 Power Steering Control Module X2**

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Ground Views - Cruze

GROUND VIEWS

G100, G101, G103, G104, G105, G120, AND G121

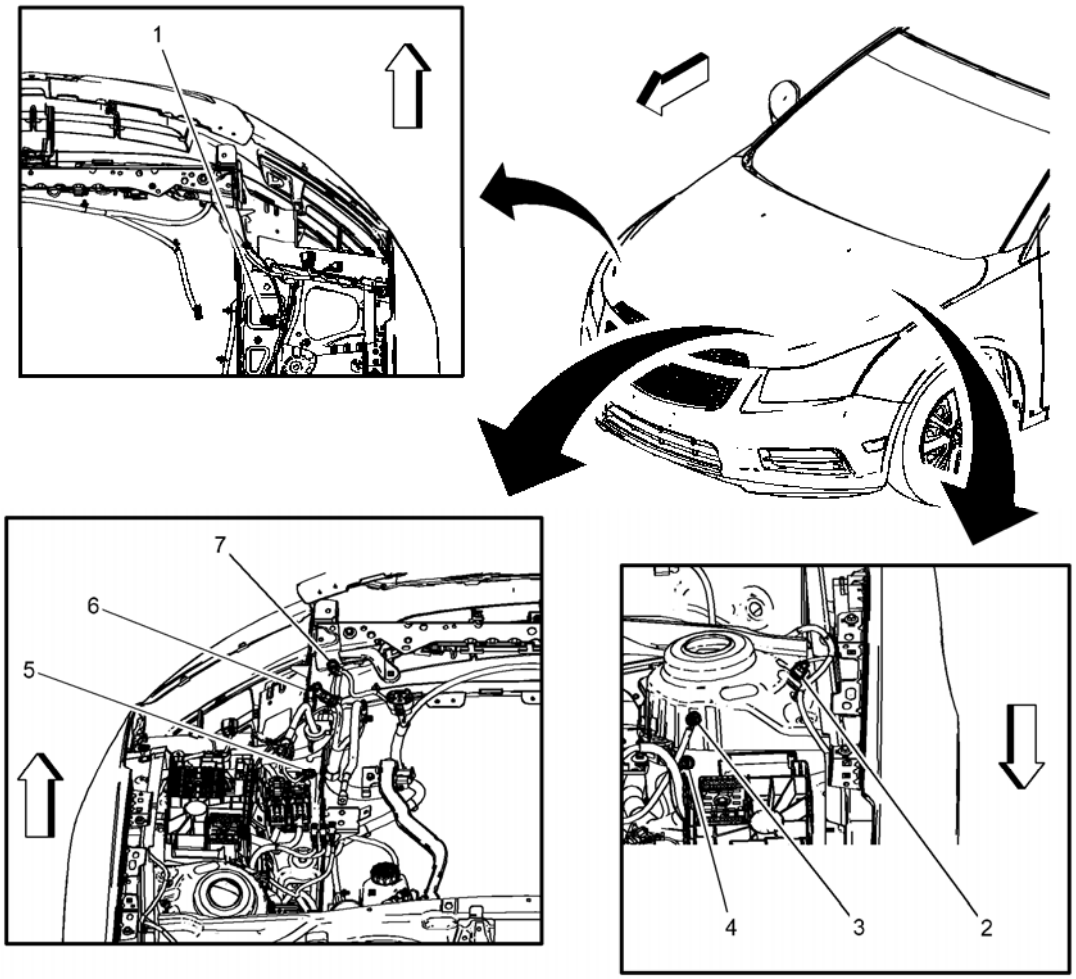


Fig. 1: G100, G101, G103, G104, G105, G120 And G121 Ground Locations
Courtesy of GENERAL MOTORS COMPANY

Items
1: G104
2: G103
3: G121
4: G120
5: G101

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6: G100 **7:** G105

G102

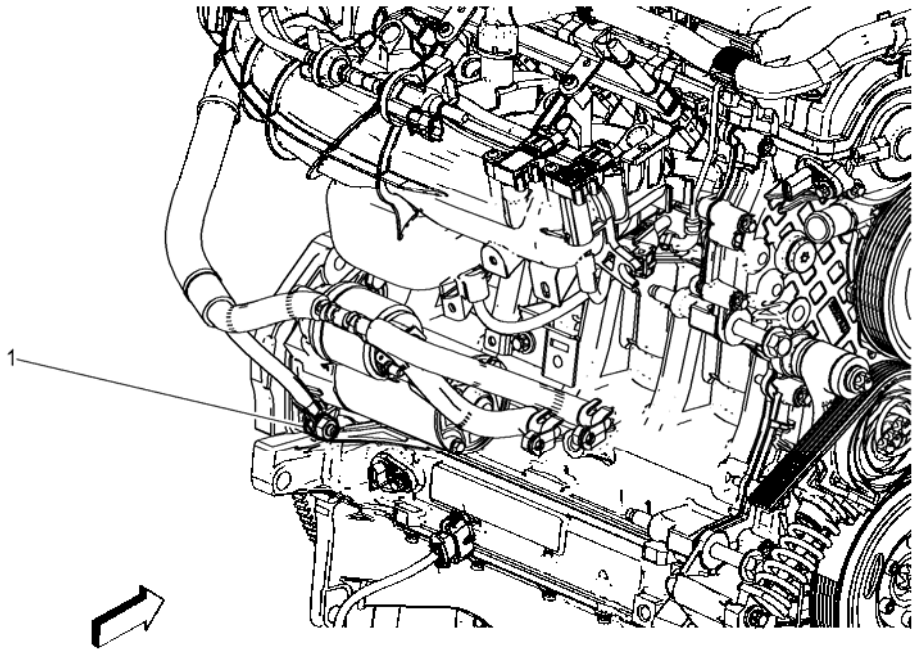


Fig. 2: G102 Ground Location
Courtesy of GENERAL MOTORS COMPANY

Items
1: G102

G112 (LUW/LWE)

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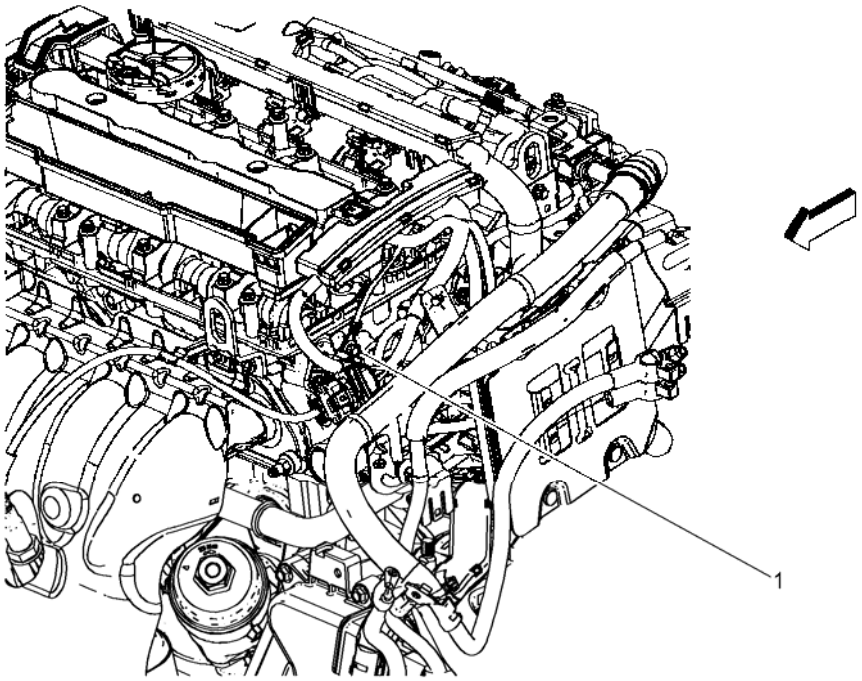


Fig. 3: G112 Ground Location (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G112

G114 (LUV)

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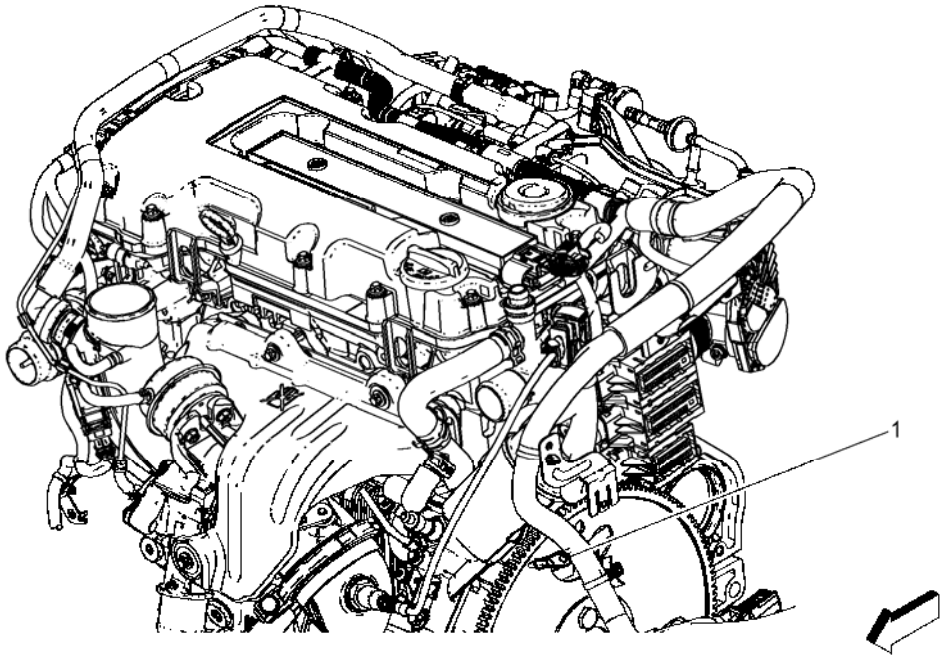


Fig. 4: G112 And G114 Ground Locations (LUJ)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G114

G114 (LUW/LWE)

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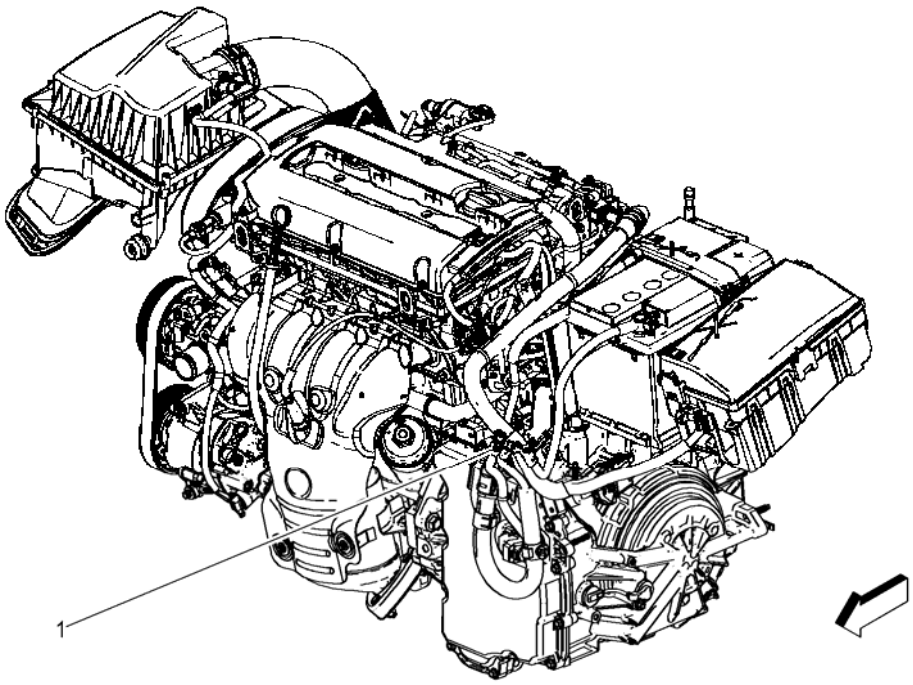


Fig. 5: G114 Ground Location (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G114

G201

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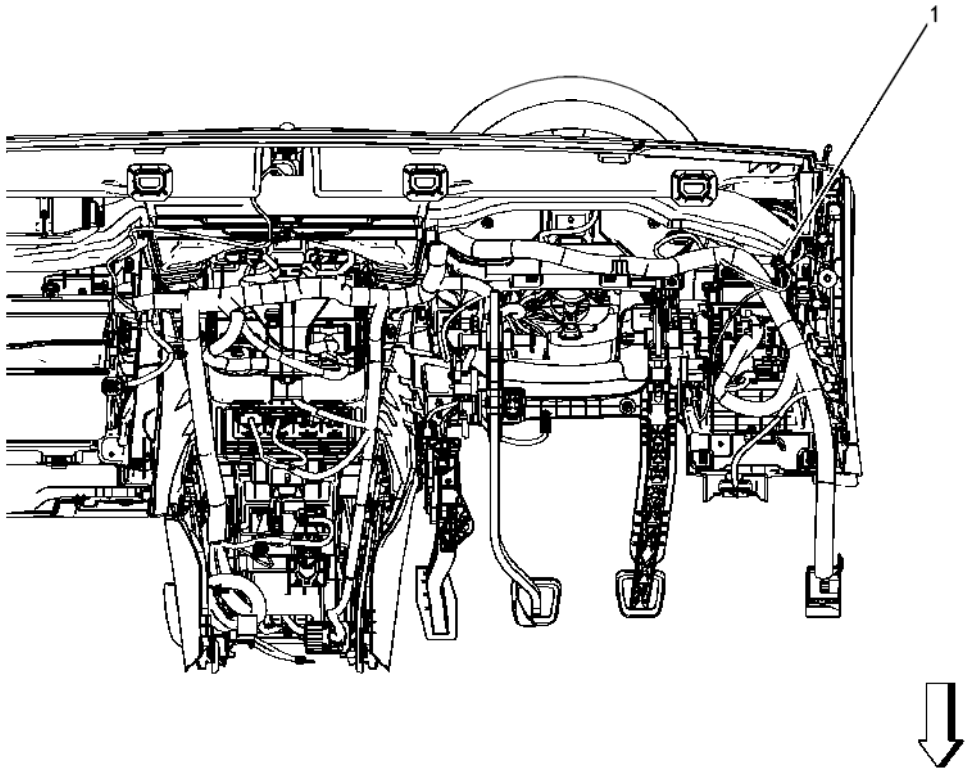


Fig. 6: Identifying Behind the Left Side of the I/P Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: G201

G202 AND G203

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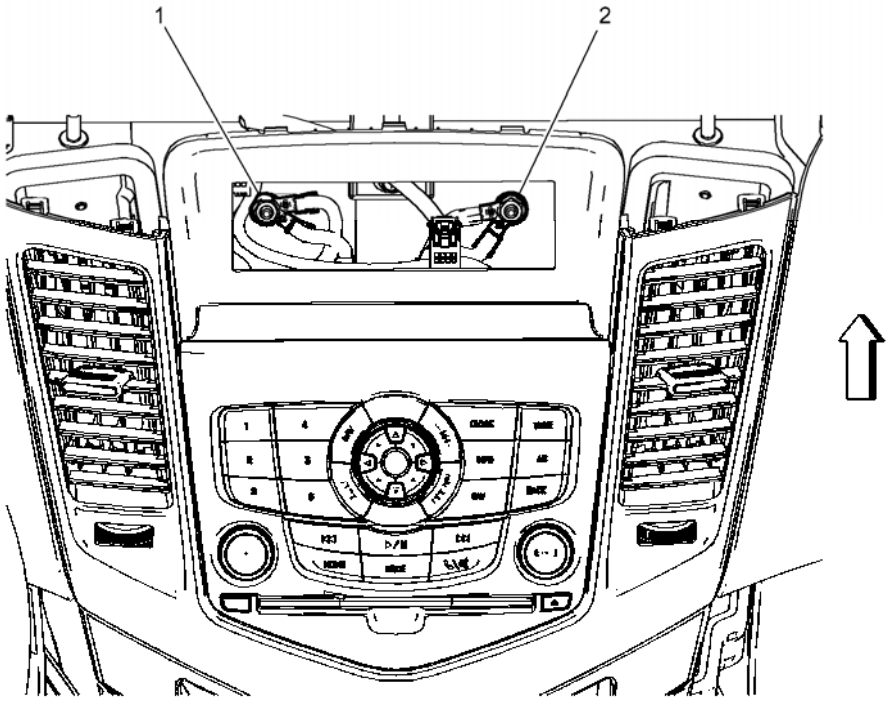


Fig. 7: G202 And G203 Ground Locations
Courtesy of GENERAL MOTORS COMPANY

Items
1: G202
2: G203

G204

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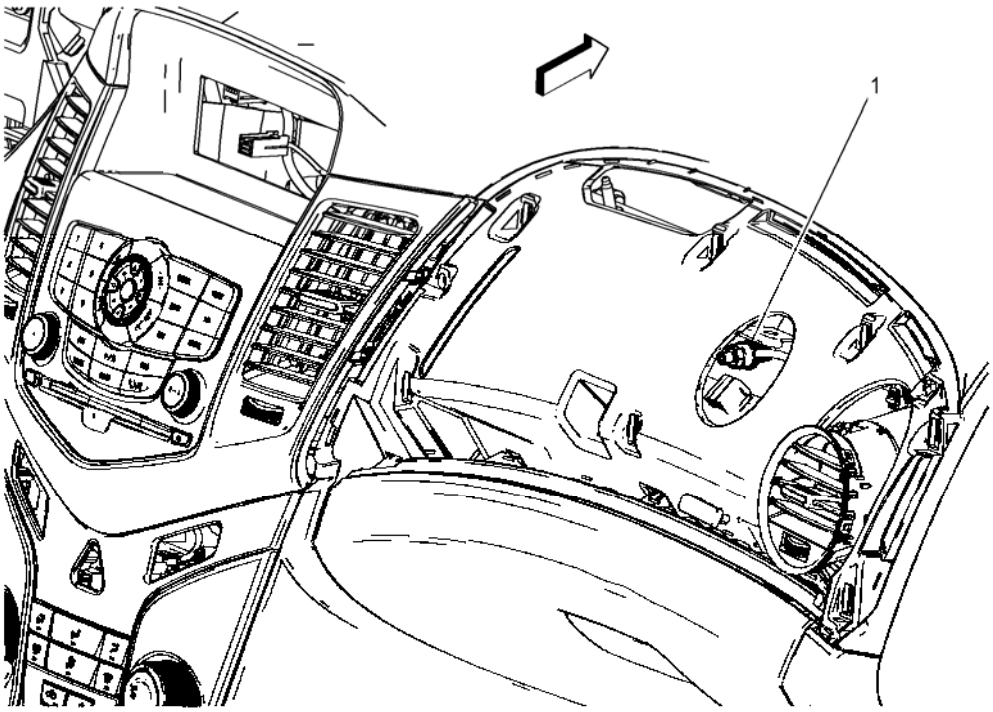


Fig. 8: G204 Ground Location
Courtesy of GENERAL MOTORS COMPANY

Items
1: G204

G301

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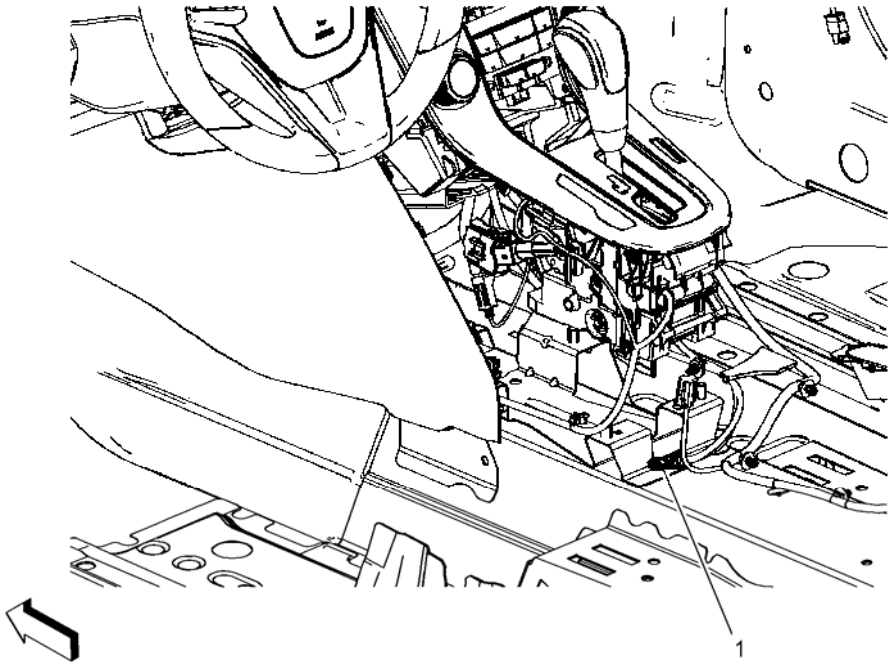


Fig. 9: G301 Ground Location
Courtesy of GENERAL MOTORS COMPANY

Items
1: G301

G305, G307, G308, AND G400

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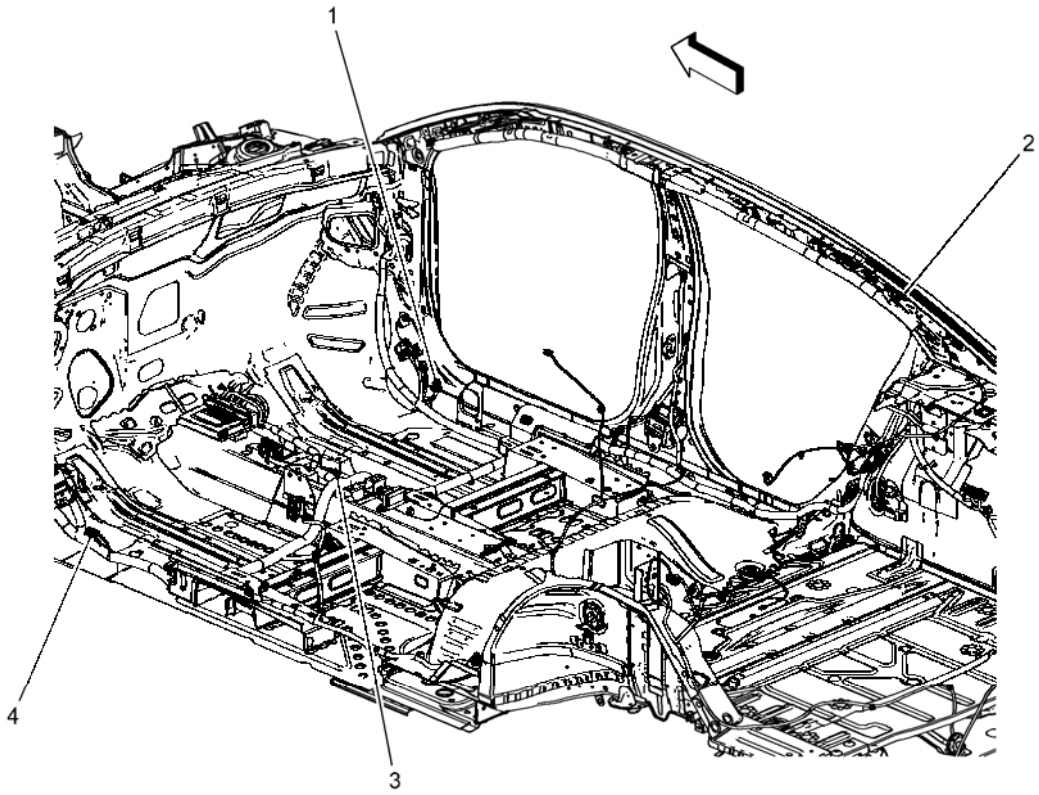


Fig. 10: G305, G307, And G308 And G400 Ground Locations (Notchback)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G308
2: G400
3: G307
4: G305

G309

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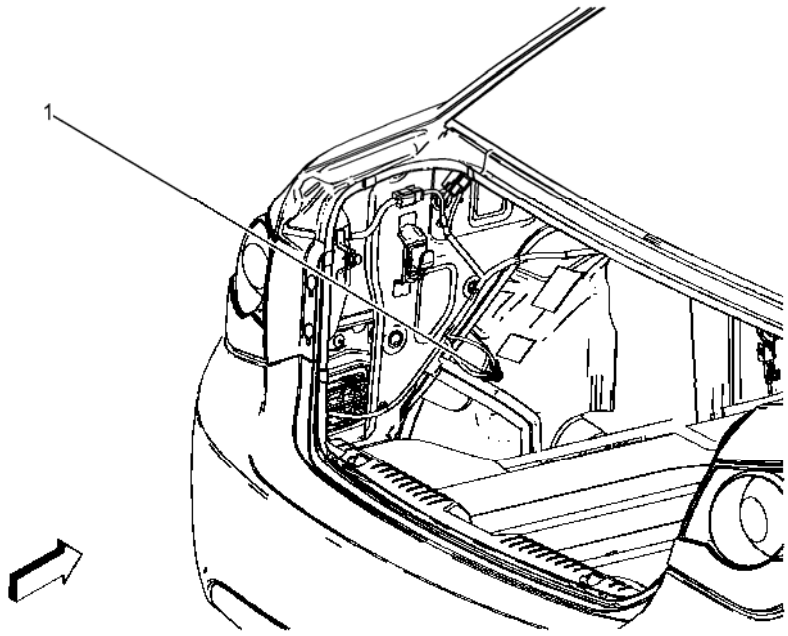


Fig. 11: G309 Ground Locations (Notchback)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G309

G402

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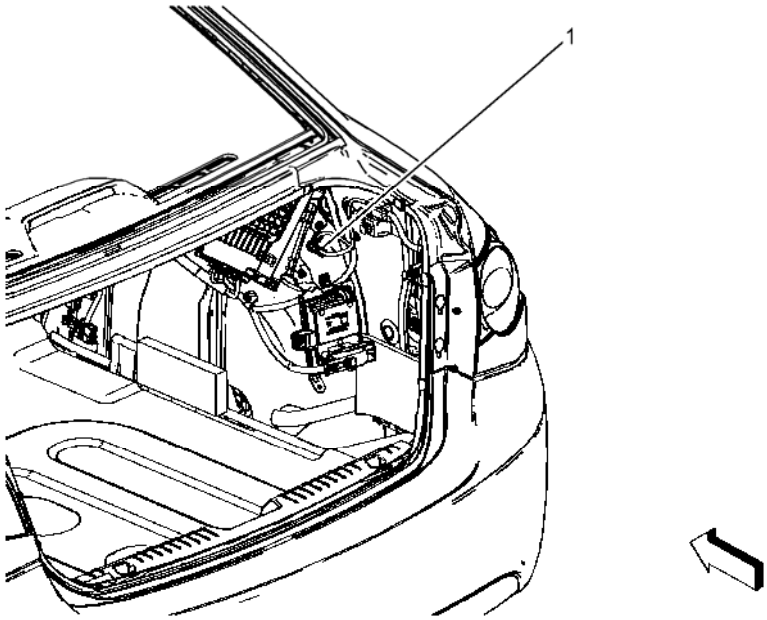


Fig. 12: G402 Ground Locations (Notchback)
Courtesy of GENERAL MOTORS COMPANY

Items
1: G402

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Instrument Panel/Center Console Component Views - Cruze

INSTRUMENT PANEL/CENTER CONSOLE COMPONENT VIEWS

BEHIND THE INSTRUMENT PANEL COMPONENTS

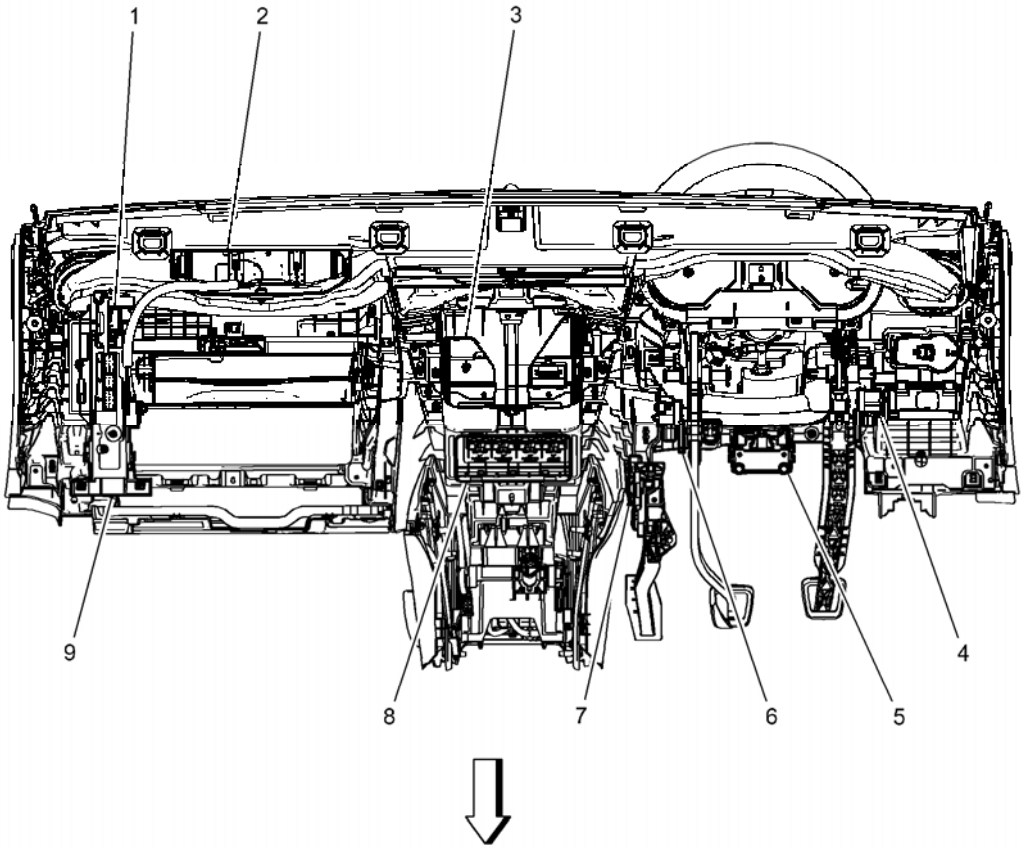


Fig. 1: Instrument Panel Components (Behind)
Courtesy of GENERAL MOTORS COMPANY

Items
1: T15 Navigation Antenna Signal Splitter (UE1 and UYS)
2: F101 Passenger Instrument Panel Air Bag **F101 Passenger Instrument Panel Air Bag X1** **F101 Passenger Instrument Panel Air Bag X2**
3: A11 Radio **A11 Radio X1** **A11 Radio X2 (UDN)** **A11 Radio X3 (UEW)**

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4: B25B Clutch Pedal Position Sensor (MF3 or MZ0) **B25B Clutch Pedal Position Sensor (MF3 or MZ0)**
5: K60 Steering Column Lock Module (ULS) **K60 Steering Column Lock Control Module (ULS)**
6: B22 Brake Pedal Position Sensor **B22 Brake Pedal Position Sensor (MF3 or MZ0)** **B22 Brake Pedal Position Sensor (MH8)**
7: B107 Accelerator Pedal Position Sensor **B107 Accelerator Pedal Position Sensor**
8: K33 HVAC Control Module **K33 HVAC Control Module X1** **K33 HVAC Control Module X2** **K33 HVAC Control Module X3**
9: K73 Telematics Communication Interface Control Module (UE1) **K73 Telematics Communications Interface Control Module X1 (UE1)** **K73 Telematics Communications Interface Control Module X2 (UE1)**

INSTRUMENT PANEL AND CENTER CONSOLE COMPONENTS

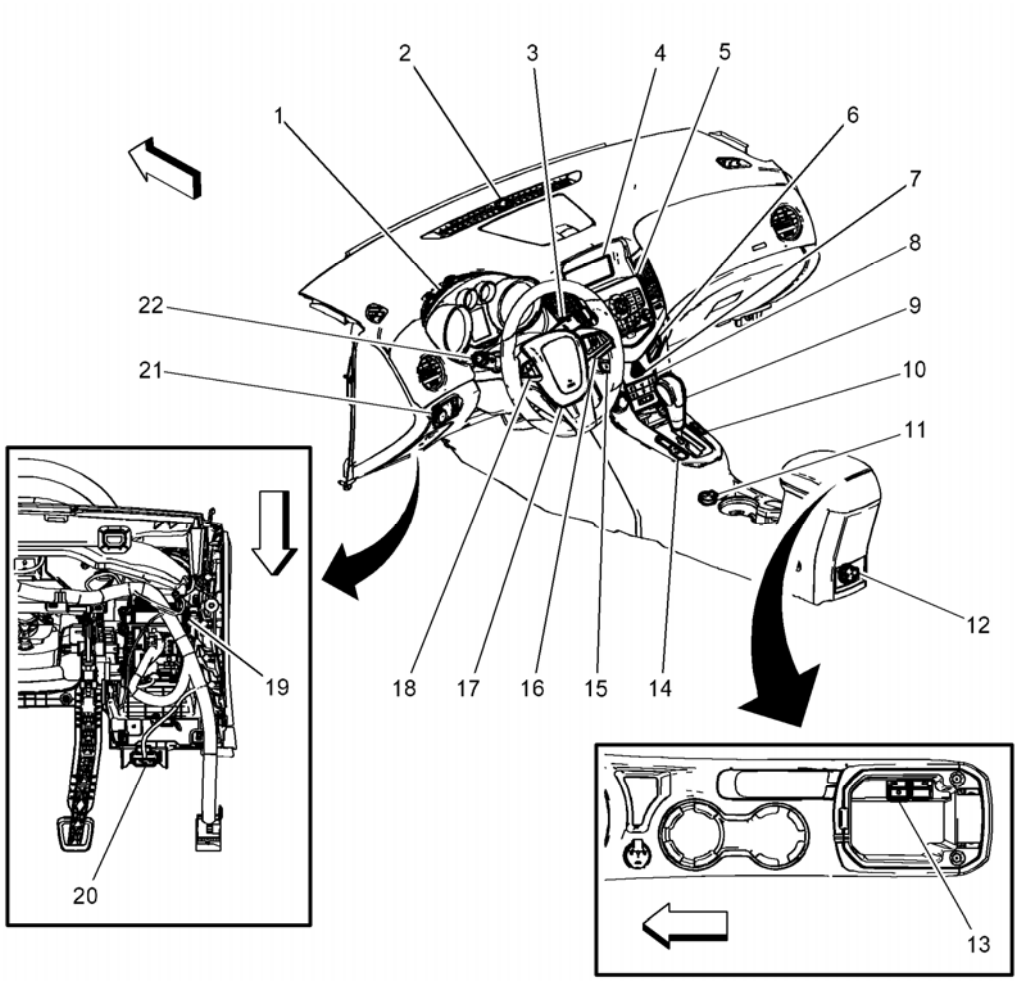


Fig. 2: Instrument Panel and Center Console Components
Courtesy of GENERAL MOTORS COMPANY

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Items

1: P16 Instrument Cluster **P16 Instrument Cluster**
2: B10B Ambient Light/Sunload Sensor **B10B Ambient Light/Sunload Sensor**
3: S82 Windshield Wiper/Washer Switch **S82 Windshield Wiper/Washer Switch**
4: P17 Info Display Module **P17 Info Display Module (UAG)** **P17 Info Display Module X1 (UHQ)** **P17 Info Display Module X2 (UHQ)**
5: A22 Radio Controls **A22 Radio Controls (UEW)** **A22 Radio Controls (UYC or UYE)**
6: P14 Passenger Air Bag Disable Indicator **P14 Passenger Air Bag Disable Indicator**
7: S26 Hazard Warning Switch **S26 Hazard Lamps Switch**
8: A26 HVAC Controls **A26 HVAC Controls**
9: S3 Transmission Shift Lever (MH8/MH9) **S3 Transmission Shift Lever (MH8)**
10: S75 Traction Control Switch (FX3) **S75 Traction Control Switch (FX3)**
11: E32 Cigarette Lighter Receptacle **E32 Cigarette Lighter Receptacle**
12: X80L Accessory Power Receptacle - Rear Console **X80L Accessory Power Receptacle - Rear Console**
13: X83 Auxiliary Audio Input **X83 Auxiliary Audio Input**
14: P2 Transmission Shift Lever Position Indicator (MH8/MH9) **P2 Transmission Shift Lever Position Indicator (MH8)**
15: S13D Door Lock Switch - Driver **S13D Door Lock Switch - Driver**
16: S70R Steering Wheel Controls Switch - Right (W1Y) **S70R Steering Wheel Controls Switch - Right (W1Y)**
17: F107 Steering Wheel Air Bag **F107 Steering Wheel Air Bag X1** **F107 Steering Wheel Air Bag X2 (Early Production)**
18: S70L Steering Wheel Controls Switch - Left (K34) **S70L Steering Wheel Controls Switch - Left (K34)**
19: X51A Fuse Block - Instrument Panel
20: X84 Data Link Connector **X84 Data Link Connector**
21: S30 Headlamp Switch **S30 Headlamp Switch**
22: S78 Turn Signal/Multifunction Switch **S78 Turn Signal/Multi-Function Switch**

INTERIOR HVAC COMPONENTS

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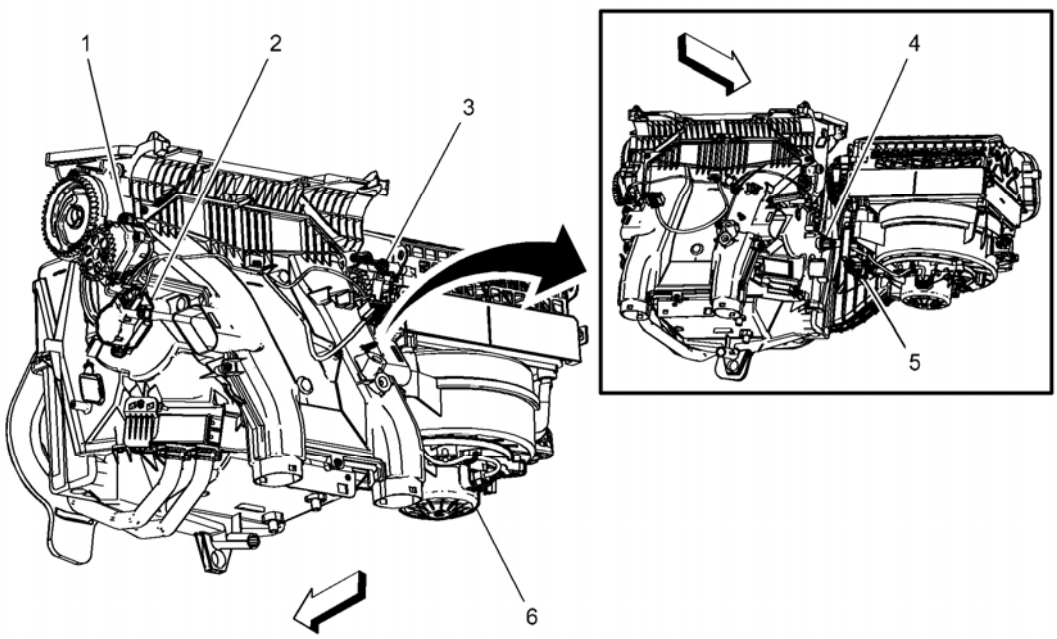


Fig. 3: Interior HVAC Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: M37 Mode Door Actuator **M37 Mode Door Actuator**
2: M6 Air Temperature Door Actuator **M6 Air Temperature Door Actuator**
3: M46 Air Recirculation Door Actuator **M46 Air Recirculation Door Actuator**
4: B39 A/C Evaporator Temperature Sensor **B39 A/C Evaporator Temperature Sensor**
5: K8 Blower Motor Control Module **K8 Blower Motor Control Module X1** **K8 Blower Motor Control Module X2**
6: M8 Blower Motor **M8 Blower Motor**

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Luggage Compartment/Rear of Vehicle Component Views - Cruze

LUGGAGE COMPARTMENT/REAR OF VEHICLE COMPONENT VIEWS

LUGGAGE COMPARTMENT COMPONENTS (NOTCHBACK)

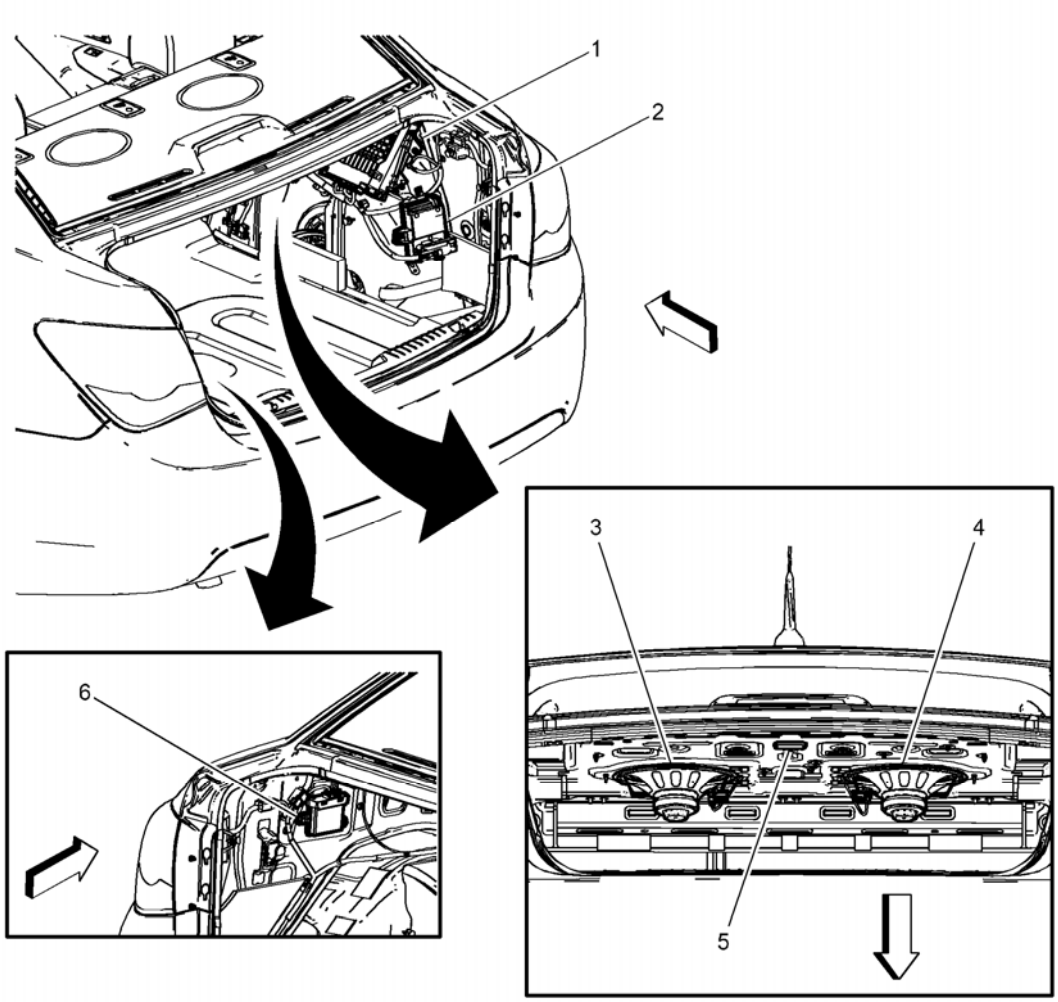


Fig. 1: Luggage Compartment Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: T3 Audio Amplifier (UQA) **T3 Audio Amplifier X1 (UQA)** **T3 Audio Amplifier X2 (UQA)** **T3 Audio Amplifier X3 (UQA)**
2: K27 Fuel Pump Control Module **K27 Fuel Pump Control Module**
3: P19N Speaker - Left Subwoofer **P19N Speaker - Left Subwoofer**

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4: P19AA Speaker - Right Subwoofer **P19AA Speaker - Right Subwoofer**
5: E8S Rear Compartment Courtesy Lamp **E8S Rear Compartment Courtesy Lamp**
6: K41R Rear Parking Assist Control Module (UD7) **K41R Rear Parking Assist Control Module X1 (UD7)** **K41R Rear Parking Assist Control Module X2 (UD7)**

REAR COMPARTMENT LID COMPONENTS

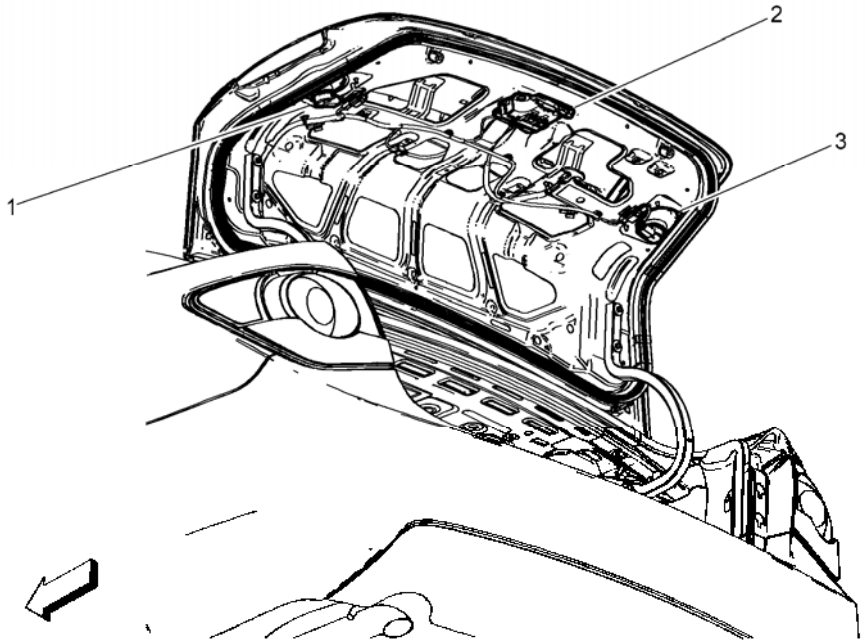


Fig. 2: Rear Compartment Lid
Courtesy of GENERAL MOTORS COMPANY

Items
1: E5E Tail Lamp - Left **E5E Tail Lamp - Left**
2: M40 Rear Compartment Lid Latch **M40 Rear Compartment Lid Latch**
3: E5F Tail Lamp - Right **E5F Tail Lamp - Right**

REAR OF VEHICLE COMPONENTS

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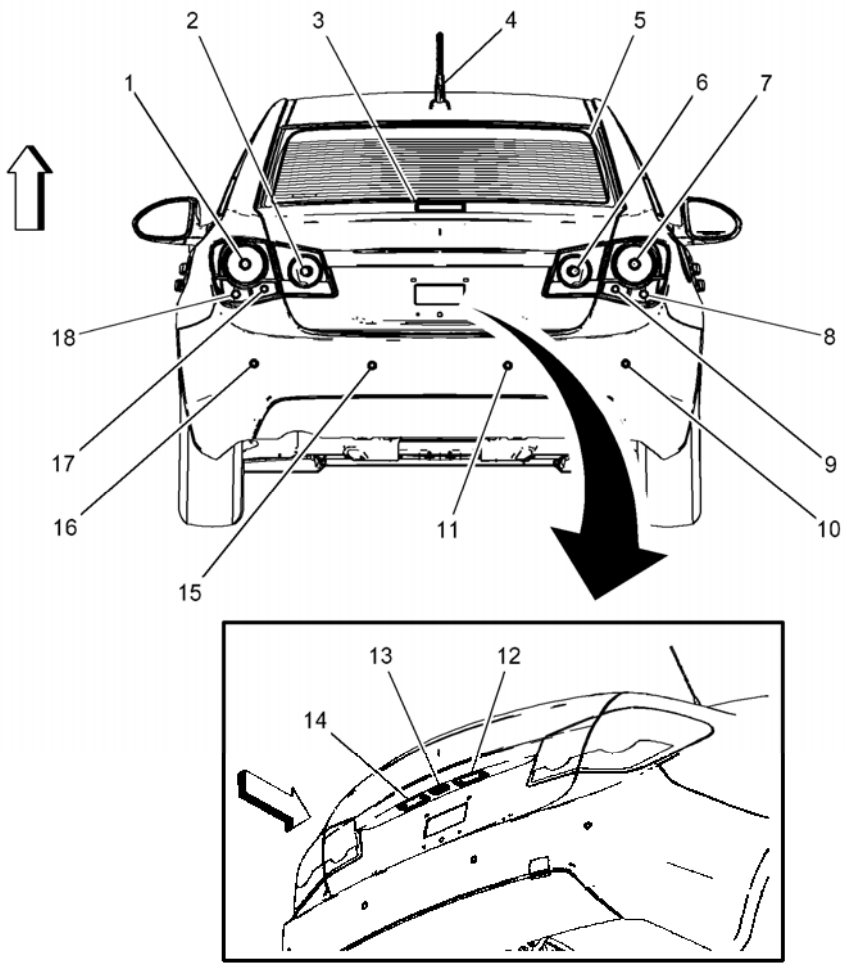


Fig. 3: Rear Of Vehicle Components (Notchback)
Courtesy of GENERAL MOTORS COMPANY

Items
1: E5AA Tail/Stop Lamp - Left **E5AA Tail/Stop Lamp - Left**
2: E5E Tail Lamp - Left **E5E Tail Lamp - Left**
3: E6 Center High Mounted Stop Lamp **E6 Center High Mounted Stop Lamp**
4: T4G Cellular Phone, Navigation and Digital Radio Antenna
5: E18 Rear Defogger Grid **E18 Rear Defogger X1** **E18 Rear Defogger X2**
6: E5F Tail Lamp - Right **E5F Tail Lamp - Right**
7: E5AB Tail/Stop Lamp - Right **E5AB Tail/Stop Lamp - Right**
8: E4RR Turn Signal Lamp - Right Rear **E4RR Turn Signal Lamp - Right Rear**
9: E5B Backup Lamp - Right **E5B Backup Lamp - Right**
10: B78H Rear Object Sensor - Right Outer (UD7) **B78H Rear Object Sensor - Right Outer (UD7)**
11: B78F Rear Object Sensor - Right Middle (UD7) **B78F Rear Object Sensor - Right Middle (UD7)**
12: E7R License Plate Lamp - Right **E7R License Plate Lamp - Right**
13: S58A Rear Compartment Lid Unlatch Switch - Exterior

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14: E7L License Plate Lamp - Left **E7L License Plate Lamp - Left**
15: B78E Rear Object Sensor - Left Middle (UD7) **B78E Rear Object Sensor - Left Middle (UD7)**
16: B78G Rear Object Sensor - Left Outer (UD7) **B78G Rear Object Sensor - Left Outer (UD7)**
17: E5A Backup Lamp - Left **E5A Backup Lamp - Left**
18: E4LR Turn Signal Lamp - Left Rear **E4LR Turn Signal Lamp - Left Rear**

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Master Electrical Component List - Cruze

MASTER ELECTRICAL COMPONENT LIST

Master Electrical Component List

Code	Name	Option	Location	Locator View	Connector End View
A3L	Sunshade - Left	D6I	In the passenger compartment, on the left sunshade	**Headliner Components**	**A3L Sunshade - Left (D61)**
A3R	Sunshade - Right	D6I	In the passenger compartment, on the right sunshade	**Headliner Components**	**A3R Sunshade - Right (D6I)**
A7	Fuel Pump and Level Sensor Assembly	-	Under the vehicle, at the top of the fuel tank, next to the fuel tank pressure sensor	**Fuel Tank Components**	**A7 Fuel Pump and Level Sensor Assembly**
A9A	Outside Rearview Mirror - Driver	-	Outside the vehicle, at the front of the driver door	**Driver Door Components**	**A9A Outside Rearview Mirror - Driver**
A9B	Outside Rearview Mirror - Passenger	-	Outside the vehicle, at the front of the passenger door	**Passenger Door Components**	**A9B Outside Rearview Mirror - Passenger**
A10	Inside Rearview Mirror	DD8	In the passenger compartment, at the top center of the windshield	**Headliner Components**	**A10 Inside Rearview Mirror**
A11	Radio	-	In the passenger compartment, in the middle of the instrument panel, behind the radio	**Behind the Instrument Panel Components**	• **A11 Radio X1** • **A11 Radio X2 (UDN)** • **A11 Radio X3 (UEW)**

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			controls		
A22	Radio Controls	-	In the passenger compartment, in the center of the instrument panel	**Instrument Panel and Center Console Components**	• **A22 Radio Controls (UYC or UYE)** • **A22 Radio Controls (UEW)**
A23D	Door Latch Assembly - Driver	-	In the passenger compartment, at the middle rear of the driver door	**Driver Door Components**	**A23D Door Latch Assembly - Driver**
A23LR	Door Latch Assembly - Left Rear	-	In the passenger compartment, at the middle rear of the left rear door	**Left Rear Door Components**	**A23LR Door Latch Assembly - Left Rear**
A23RR	Door Latch Assembly - Right Rear	-	In the passenger compartment, at the middle rear of the right rear door	**Right Rear Door Components**	**A23RR Door Latch Assembly - Right Rear**
A23P	Door Latch Assembly - Passenger	-	In the passenger compartment, at the middle rear of the passenger door	**Passenger Door Components**	**A23P Door Latch Assembly - Passenger**
A24D	Door Handle Assembly - Driver Exterior	-	-	-	-
A24P	Door Handle Assembly - Passenger Exterior	-	-	-	-
A26	HVAC Controls	-	In the passenger compartment, in the lower center of the instrument panel	**Instrument Panel and Center Console Components**	**A26 HVAC Controls**
			In the front of the engine		

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B1	A/C Refrigerant Pressure Sensor	-	compartment, on the right side of the radiator, in the A/C line	**Front of Engine Compartment Components**	**B1 A/C Refrigerant Pressure Sensor**
B5LF	Wheel Speed Sensor - Left Front	-	Outside the vehicle, part of the left front hub assembly	**Underbody Components**	**B5LF Wheel Speed Sensor - Left Front**
B5LR	Wheel Speed Sensor - Left Rear	-	Outside the vehicle, part of the left rear hub assembly	**Underbody Components**	**B5LR Wheel Speed Sensor - Left Rear**
B5RF	Wheel Speed Sensor - Right Front	-	Outside the vehicle, part of the right front hub assembly	**Underbody Components**	**B5RF Wheel Speed Sensor - Right Front**
B5RR	Wheel Speed Sensor - Right Rear	-	Outside the vehicle, part of the right rear hub assembly	**Underbody Components**	**B5RR Wheel Speed Sensor - Right Rear**
B7D	Air Temperature Sensor - Duct Left Lower	C68	In the passenger compartment, behind the instrument panel, on the lower left side of the HVAC module	-	-
B7H	Air Temperature Sensor - Duct Left Upper	C68	In the passenger compartment, behind the instrument panel, on the upper left side of the HVAC module	-	**B7H Air Temperature Sensor - Duct Left Upper (C68)**
B9	Ambient Air Temperature Sensor	-	Left front of the vehicle, behind the bumper fascia	**Front of Vehicle Components**	**B9 Ambient Air Temperature Sensor**
	Ambient		In the passenger compartment, at the top	**Instrument Panel**	

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B10B	Light/Sunload Sensor	-	center of the instrument panel, in the defroster deflector	**and Center Console Components**	**B10B Ambient Light/Sunload Sensor**
B12A	Transmission Fluid Pressure Switch	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
B13	Transmission Fluid Temperature Sensor	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
B14A	Transmission Output Shaft Speed Sensor	MH8/MH9	In the engine compartment, internal to the transmission assembly	**Automatic Transmission Electronic Components (MH8)**	-
B14C	Transmission Input Shaft Speed Sensor	MH8/MH9	In the engine compartment, internal to the transmission assembly	**Automatic Transmission Electronic Components (MH8)**	-
B15	Transmission Internal Mode Switch	MH8/MH9	In the engine compartment, mounted inside the transmission, around shift shaft	**Automatic Transmission Electronic Components (MH8)**	-
B16	Backup Lamp Switch	MF3 or MZ0	Left side of engine compartment, lower rear of engine block, above the transmission	**Transmission Components (MF3 or MZ0)**	**B16 Backup Lamp Switch (MF3 or MZ0)**
B18	Battery Current Sensor	-	In the engine compartment, near the battery, on the negative battery cable	**Left Side of Engine Compartment Components**	**B18 Battery Current Sensor**
			At the rear of the engine		

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B19B	Brake Booster Vacuum Sensor	-	compartment, right of the brake fluid reservoir	**Left Side of Engine Compartment Components**	**B19B Brake Booster Vacuum Sensor**
B20	Brake Fluid Level Switch	-	At the rear of the engine compartment, on the brake fluid reservoir	**Left Side of Engine Compartment Components**	**B20 Brake Fluid Level Switch**
B22	Brake Pedal Position Sensor	-	In the passenger compartment, on the brake pedal assembly	**Behind the Instrument Panel Components**	• **B22 Brake Pedal Position Sensor (MF3 or MZ0)** • **B22 Brake Pedal Position Sensor (MH8)**
B23E	Camshaft Position Sensor - Exhaust	LUV	In the engine compartment, at the front right side of the engine	**Right Front of the Engine Components (LUV)**	**B23E Camshaft Position Sensor - Exhaust (LUV)**
B23E	Camshaft Position Sensor - Exhaust	LUW/LWE	In the engine compartment, at the upper left side of the engine	**Left Front of the Engine Components (LUW/LWE)**	**B23E Camshaft Position Sensor - Exhaust (LUW/LWE)**
B23F	Camshaft Position Sensor - Intake	LUV	In the engine compartment, at the rear right side of the engine	**Right Rear of the Engine Components (LUV)**	**B23F Camshaft Position Sensor - Intake (LUV)**
B23F	Camshaft Position Sensor - Intake	LUW/LWE	In the engine compartment, at the upper left side of the engine	**Left Front of the Engine Components (LUW/LWE)**	**B23F Camshaft Position Sensor - Intake (LUW/LWE)**
B24	Cellular Phone Microphone	UE1	In the passenger compartment, near the inside rearview mirror, in the overhead console	**Headliner Components**	**B24 Cellular Phone Microphone (UE1)**
B25B	Clutch Pedal Position Sensor	MF3 or MZ0	In the passenger compartment,	**Behind the Instrument Panel**	**B25B Clutch Pedal Position Sensor (MF3**

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			on the clutch pedal assembly	**Components**	**or MZ0)**
B26	Crankshaft Position Sensor	LUV	In the engine compartment, at the lower left rear of the engine	**Right Rear of the Engine Components (LUV)**	**B26 Crankshaft Position Sensor (LUV)**
B26	Crankshaft Position Sensor	LUW/LWE	In the engine compartment, at the upper left rear of the engine	**Top of the Engine Components (LUW/LWE)**	**B26 Crankshaft Position Sensor (LUW/LWE)**
B27D	Door Handle Switch - Driver Exterior	-	In the driver door, rear middle, mounted to inside of outer panel	-	-
B27P	Door Handle Switch - Passenger Exterior	-	In the passenger door, rear middle, mounted to inside of outer panel	-	-
B27LR	Door Handle Switch - Left Rear Exterior	-	In the left rear door, rear middle, mounted to inside of outer panel	-	-
B27RR	Door Handle Switch - Right Rear Exterior	-	In the right rear door, rear middle, mounted to inside of outer panel	-	-
B34A	Engine Coolant Temperature Sensor 1	-	In the engine compartment, at the top left front of engine, in the thermostat housing	• **Left Rear of the Engine Components (LUV)** • **Left Front of the Engine Components (LUW/LWE)**	• **B34A Engine Coolant Temperature Sensor 1 (LUV)** • **B34A Engine Coolant Temperature Sensor 1 (LUW/LWE)**
			In the front of		

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B34B	Engine Coolant Temperature Sensor 2	-	the engine compartment, on the right side of the radiator	**Front of Engine Compartment Components**	**B34B Engine Coolant Temperature Sensor 2**
B37	Engine Oil Pressure Switch	LUV	In the engine compartment, at the front left side of the engine	**Right Front of the Engine Components (LUV)**	**B37 Engine Oil Pressure Switch**
B37	Engine Oil Pressure Switch	LUW/LWE	In the engine compartment, at the front right side of the engine	**Right Front of the Engine Components (LUW/LWE)**	**B37 Engine Oil Pressure Switch**
B39	A/C Evaporator Temperature Sensor	-	In the passenger compartment, part of HVAC module, behind the instrument panel	**Interior HVAC Components**	**B39 A/C Evaporator Temperature Sensor**
B46	Fuel Level Sensor	-	On the vehicle underbody, below rear seats, part of fuel pump and level sensor assembly, mounted in fuel tank	-	-
B47	Fuel Pressure Sensor	-	On the vehicle underbody, on the fuel line, below the right rear seat	**Fuel Tank Components**	**B47 Fuel Pressure Sensor**
B52A	Heated Oxygen Sensor 1	-	In the engine compartment, at the left front of the engine	• **Right Front of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **B52A Heated Oxygen Sensor 1 (LUV)** • **B52A Heated Oxygen Sensor 1 (LUW/LWE)**
				• **Right Rear of the Engine**	

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B52B	Heated Oxygen Sensor 2	-	In the engine compartment, rear of the engine, on the exhaust pipe	**Components (LUV)** • **Right Rear of the Engine Components (LUW/LWE)**	**B52B Heated Oxygen Sensor 2**
B55	Hood Ajar Switch	-	In the front of the engine compartment, on the hood latch	**Front of Engine Compartment Components**	**B55 Hood Ajar Switch**
B59L	Front Impact Sensor - Left	-	At the front of the engine compartment, on the left side of the radiator support	**Left Side of Engine Compartment Components**	**B59L Front Impact Sensor - Left**
B59R	Front Impact Sensor - Right	-	At the front of the engine compartment, on the right side of the radiator support	**Front of Engine Compartment Components**	**B59R Front Impact Sensor - Right**
B60	Passenger Presence Sensor	-	In the passenger compartment, in the passenger front seat cushion, under the upholstery	-	-
B63LF	Side Impact Sensor - Left Front	-	In the passenger compartment, at the bottom of the left B-pillar	**Left Side of Passenger Compartment Components**	**B63LF Side Impact Sensor - Left Front**
B63LR	Side Impact Sensor - Left Rear	-	In the passenger compartment, at the bottom of the left C-pillar	**Left Side of Passenger Compartment Components**	**B63LR Side Impact Sensor - Left Rear**
B63RF	Side Impact Sensor - Right Front	-	In the passenger compartment, at the bottom of the right B-	**Right Side of Passenger Compartment Components**	**B63RF Side Impact Sensor - Right Front**

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			pillar		
B63RR	Side Impact Sensor - Right Rear	-	In the passenger compartment, at the bottom of the right C-pillar	**Right Side of Passenger Compartment Components**	**B63RR Side Impact Sensor - Right Rear**
B68	Knock Sensor	-	In the engine compartment, at the center rear of the engine	• **Left Rear of the Engine Components (LUV)** • **Right Rear of the Engine Components (LUW/LWE)**	• **B68 Knock Sensor (LUV)** • **B68 Knock Sensor (LUW/LWE)**
B74	Manifold Absolute Pressure Sensor	LUV	In the engine compartment, at the upper right rear of the engine	**Right Rear of the Engine Components (LUV)**	**B74 Manifold Absolute Pressure Sensor (LUV)**
B74	Manifold Absolute Pressure Sensor	LUW/LWE	In the engine compartment, on the front center of the intake manifold	**Top of the Engine Components (LUW/LWE)**	**B74 Manifold Absolute Pressure Sensor (LUW/LWE)**
B75C	Multifunction Intake Air Sensor	-	Right side of the engine compartment, in the air intake duct	**Top of the Engine Components (LUW/LWE)**	**B75C Multifunction Air Intake Sensor**
B78E	Rear Object Sensor - Left Middle	UD7	At the rear of the vehicle, in the left center of rear bumper fascia	**Rear of Vehicle Components**	**B78E Rear Object Sensor - Left Middle (UD7)**
B78F	Rear Object Sensor - Right Middle	UD7	At the rear of the vehicle, in the right center of rear bumper fascia	**Rear of Vehicle Components**	**B78F Rear Object Sensor - Right Middle (UD7)**
B78G	Rear Object Sensor - Left Outer	UD7	At the rear of the vehicle, in the left of rear bumper fascia	**Rear of Vehicle Components**	**B78G Rear Object Sensor - Left Outer (UD7)**
	Rear Object Sensor -		At the rear of the vehicle, in	**Rear of Vehicle**	**B78H Rear Object**

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B78H	Right Outer	UD7	the right of rear bumper fascia	**Components**	**Sensor - Right Outer (UD7)**
B80	Park Brake Switch	-	In the passenger compartment, under the rear of the center console	-	**B80 Park Brake Switch**
B81B	Park Position Switch	MH8/MH9	In the passenger compartment, center near front, part of transmission shift lever	-	-
B87	Rearview Camera	UVC	At the rear of vehicle, mounted to rear compartment lid trim above license plate	-	**B87 Rearview Camera (UVC)**
B88D	Seat Belt Switch - Driver	-	In the passenger compartment, part of the driver seat belt buckle	**Driver Seat Components (2 of 2)**	**B88D Seat Belt Switch - Driver**
B88P	Seat Belt Switch - Passenger	-	In the passenger compartment, part of the front passenger seat belt buckle	**Passenger Seat Components (2 of 2)**	**B88P Seat Belt Switch - Passenger**
B99	Steering Wheel Angle Sensor	FX3	In the passenger compartment, near the top of the steering column, below the SIR coil	-	**B99 Steering Wheel Angle Sensor (FX3)**
B107	Accelerator Pedal Position Sensor	-	In the passenger compartment, attached to the top of the accelerator pedal assembly	**Behind the Instrument Panel Components**	**B107 Accelerator Pedal Position Sensor**

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B108	Air Quality Sensor	C68	In the engine compartment, under the cowl panel, at the base of the windshield	**Left Side of Engine Compartment Components**	**B108 Air Quality Sensor (C68)**
B111B	Intake Manifold Pressure and Air Temperature Sensor	LUV	In the engine compartment, at the left front of the engine, on the air inlet duct	**Left Rear of the Engine Components (LUV)**	**B111B Turbocharger Boost/Intake Air Temperature (LUV)**
B115	Vehicle Speed Sensor	MF3 or MZ0	In the engine compartment, at the front of the transmission	**Transmission Components (MF3 or MZ0)**	**B115 Vehicle Speed Sensor (MF3 or MZ0)**
B119	Multi-axis Acceleration Sensor	FX3	In the passenger compartment, under the center console	**Right Side of Passenger Compartment Components**	**B119 Multi-Axis Acceleration Sensor (FX3)**
B137	Power Steering Shaft Torque Sensor	NJ1	Under the vehicle, on the power steering rack assembly, part of the power steering control module	**Lower Rear of Engine Compartment Components**	-
B150	Fuel Tank Pressure Sensor	-	Under the vehicle, at the top of the fuel tank, next to the fuel pump assembly	**Fuel Tank Components**	**B150 Fuel Tank Pressure Sensor**
B153D	Seat Belt Buckle - Driver	-	In the passenger compartment, to the inside of the driver seat	-	-
B153P	Seat Belt Buckle - Passenger	-	In the passenger compartment, to the inside of the passenger seat	-	-
			In the engine		

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B157	Secondary Air Injection Pressure B Sensor	-	compartment, right rear of the engine upper position	-	-
B160	Windshield Temperature and Inside Moisture Sensor	C68	In the passenger compartment, at the top center of the windshield	-	**B160 Winshield Temperature and Inside Moisture Sensor (C68)**
B210D	Door Handle Touch Sensor - Driver Exterior	-	On the driver door, part of exterior door handle	-	-
B210P	Door Handle Touch Sensor - Passenger Exterior	-	On the passenger door, part of exterior door handle	-	-
B218L	Side Object Sensor Module - Left	UFT	At the rear of the vehicle, mounted to the fascia, left side	-	-
B218R	Side Object Sensor Module - Right	UFT	At the rear of the vehicle, mounted to the fascia, right side	-	-
C1	Battery	-	In the engine compartment, on the left side, near the underhood fuse block	**Left Side of Engine Compartment Components**	-
E2LF	Side Marker Lamp - Left Front	-	Outside the vehicle, on the left front side of the bumper fascia	**Front of Vehicle Components**	**E2LF Side Marker Lamp - Left Front**
E2LR	Side Marker Lamp - Left Rear	-	Rear of vehicle, on the left side, part of tail lamp assembly	-	-
E2RF	Side Marker Lamp - Right Front	-	Outside the vehicle, on the right front side of the bumper	**Front of Vehicle Components**	**E2RF Side Marker Lamp - Right Front**

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			fascia		
E2RR	Side Marker Lamp - Right Rear	-	Rear of vehicle, on the right side, part of tail lamp assembly	-	-
E4LR	Turn Signal Lamp - Left Rear	-	Outside the vehicle, at the left rear corner, part of the left tail lamp assembly	**Rear of Vehicle Components**	**E4LR Turn Signal Lamp - Left Rear**
E4N	Park/Turn Signal Lamp - Left	-	Outside the vehicle, at the left front corner of the vehicle, in the left headlamp assembly	**Front of Vehicle Components**	**E4N Park/Turn Signal Lamp - Left**
E4P	Park/Turn Signal Lamp - Right	-	Outside the vehicle, at the right front corner of the vehicle, in the right headlamp assembly	**Front of Vehicle Components**	**E4P Park/Turn Signal Lamp - Right**
E4RR	Turn Signal Lamp - Right Rear	-	Outside the vehicle, at the right rear corner, part of the right tail lamp assembly	**Rear of Vehicle Components**	**E4RR Turn Signal Lamp - Right Rear**
E5A	Backup Lamp - Left	-	Outside the vehicle, at the left rear corner, part of the left tail lamp assembly	**Rear of Vehicle Components**	**E5A Backup Lamp - Left**
E5AA	Tail/Stop Lamp - Left	-	Outside the vehicle, at the left rear corner, part of the left tail lamp assembly	**Rear of Vehicle Components**	**E5AA Tail/Stop Lamp - Left**
E5AB	Tail/Stop Lamp - Right	-	Outside the vehicle, at the right rear corner, part of	**Rear of Vehicle Components**	**E5AB Tail/Stop Lamp - Right**

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			the right tail lamp assembly		
E5B	Backup Lamp - Right	-	Outside the vehicle, at the right rear corner, part of the right tail lamp assembly	**Rear of Vehicle Components**	**E5B Backup Lamp - Right**
E5E	Tail Lamp - Left	-	Outside the vehicle, in the rear compartment lid, part of the left inner tail lamp assembly	**Rear Compartment Lid Components**	**E5E Tail Lamp - Left**
E5F	Tail Lamp - Right	-	Outside the vehicle, in the rear compartment lid, part of the right inner tail lamp assembly	**Rear Compartment Lid Components**	**E5F Tail Lamp - Right**
E6	Center High Mounted Stop Lamp	-	In the passenger compartment, at the top center of the rear window	**Rear of Vehicle Components**	**E6 Center High Mounted Stop Lamp**
E7L	License Plate Lamp - Left	-	At the rear of the vehicle, in the center of the rear compartment lid	**Rear of Vehicle Components**	**E7L License Plate Lamp - Left**
E7R	License Plate Lamp - Right	-	At the rear of the vehicle, in the center of the rear compartment lid	**Rear of Vehicle Components**	**E7R License Plate Lamp - Right**
E8S	Rear Compartment Courtesy Lamp	-	In the rear compartment, in the center of the rear window shelf	**Luggage Compartment Components (Notchback)**	**E8S Rear Compartment Courtesy Lamp**
E13L	Headlamp - Left	-	At the left front corner of the	**Front of Vehicle**	**E13L Headlamp - Left**

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			vehicle	**Components**	
E13R	Headlamp - Right	-	At the right front corner of the vehicle	**Front of Vehicle Components**	**E13R Headlamp - Right**
E14A	Seat Heating Element - Driver Back	KA1	In the passenger compartment, in the driver seat back	**Driver Seat Components (2 of 2)**	**E14A Seat Heating Element - Driver Back (KA1)**
E14B	Seat Heating Element - Driver Cushion	KA1	In the passenger compartment, part of the driver seat cushion	**Driver Seat Components (2 of 2)**	**E14B Seat Heating Element - Driver Cushion (KA1)**
E14C	Seat Heating Element - Passenger Back	KA1	In the front passenger compartment, in the passenger seat back	**Passenger Seat Components (2 of 2)**	**E14C Seat Heating Element - Passenger Back (KA1)**
E14D	Seat Heating Element - Passenger Cushion	KA1	In the front passenger compartment, part of the passenger seat cushion	**Passenger Seat Components (2 of 2)**	**E14D Seat Heating Element - Passenger Cushion (KA1)**
E18	Rear Defogger Grid	-	In the passenger compartment, on the inside of the rear window	**Rear of Vehicle Components**	• **E18 Rear Defogger X1** • **E18 Rear Defogger X2**
E27	Instrument Panel Compartment Lamp	-	In the passenger compartment, inside the instrument panel compartment	-	**E27 Instrument Panel Compartment Lamp**
E29LF	Fog Lamp - Left Front	T3U	Outside the vehicle, at the left front corner, below the left headlamp assembly	**Front of Vehicle Components**	**E29LF Fog Lamp - Left Front (T3U)**

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E29RF	Fog Lamp - Right Front	T3U	Outside the vehicle, at the right front corner, below the right headlamp assembly	**Front of Vehicle Components**	**E29RF Fog Lamp - Right Front (T3U)**
E32	Cigarette Lighter - Receptacle	-	In the passenger compartment, in the center console, rear of the shifter	**Instrument Panel and Center Console Components**	**E32 Cigarette Lighter Receptacle**
E37F	Dome/Reading Lamps - Front	-	In the passenger compartment, at the front of the headliner, in the overhead console	**Headliner Components**	**E37F Dome/Reading Lamps - Front**
E37M	Dome/Reading Lamps - Middle	-	In the passenger compartment, in the middle of the headliner	**Headliner Components**	**E37M Dome/Reading Lamps - Middle**
E41	Engine Coolant Thermostat Heater	-	In the engine compartment, top left front of engine, in the thermostat housing	**Left Front of the Engine Components (LUW/LWE)**	• **E41 Engine Coolant Thermostat Heater (LUV)** • **E41 Engine Coolant Thermostat Heater (LUW/LWE)**
F101	Passenger Instrument Panel Air Bag	-	In the passenger compartment, at the top of the passenger side of the instrument panel	**Behind the Instrument Panel Components**	• **F101 Passenger Instrument Panel Air Bag X1** • **F101 Passenger Instrument Panel Air Bag X2**
F105L	Roof Rail Air Bag - Left	-	In the passenger compartment, along the left	**Left Side of Passenger Compartment**	**F105L Roof Rail Air Bag - Left**

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			roof rail	**Components**	
F105R	Roof Rail Air Bag - Right	-	In the passenger compartment, along the right roof rail	**Right Side of Passenger Compartment Components**	**F105R Roof Rail Air Bag - Right**
F106D	Seat Air Bag - Driver	-	In the passenger compartment, on the left side of the driver seat back	**Driver Seat Components (1 of 2)**	**F106D Seat Air Bag - Driver**
F106LR	Seat Air Bag - Left Rear	-	In the passenger compartment, on the left side of the rear seat back	**Rear Seat Components**	**F106LR Seat Air Bag - Left Rear**
F106P	Seat Air Bag - Passenger	-	In the passenger compartment, on the right side of the passenger seat back	**Passenger Seat Components (1 of 2)**	**F106P Seat Air Bag - Passenger**
F106RR	Seat Air Bag - Right Rear	-	In the passenger compartment, on the right side of the rear seat back	**Rear Seat Components**	**F106RR Seat Air Bag - Right Rear**
F107	Steering Wheel Air Bag	-	In the passenger compartment, in the center of the steering wheel	**Instrument Panel and Center Console Components**	• **F107 Steering Wheel Air Bag X1** • **F107 Steering Wheel Air Bag X2 (Early Production)**
F112D	Seat Belt Retractor Pretensioner - Driver	-	In the passenger compartment, at the base of the left B-pillar	**Left Side of Passenger Compartment Components**	**F112D Seat Belt Retractor Pretensioner - Driver**
F112P	Seat Belt Retractor Pretensioner -	-	In the passenger compartment,	**Right Side of Passenger**	**F112P Seat Belt Retractor Pretensioner**

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	Passenger		at the base of the right B-pillar	**Compartment Components**	**- Passenger**
F113D	Seat Belt Anchor Pretensioner - Driver	-	In the passenger compartment, on the lower outside of the driver seat, mounted to the seat rack	**Driver Seat Components (1 of 2)**	**F113D Seat Belt Anchor Prestensioner - Driver**
F113P	Seat Belt Anchor Pretensioner - Passenger	-	In the passenger compartment, on the lower outside of the passenger seat, mounted to the seat rack	**Passenger Seat Components (1 of 2)**	**F113P Seat Belt Anchor Pretensioner - Passenger**
F114D	Knee Air Bag - Driver	-	In the passenger compartment, at the bottom of the driver side of the instrument panel	-	**F114D Knee Air Bag - Driver**
F114P	Knee Air Bag - Passenger	-	In the passenger compartment, at the bottom of the passenger side of the instrument panel	-	**F114P Knee Air Bag - Passenger**
G1	A/C Compressor	-	In the engine compartment, on the right front of the engine	-	-
G10	Cooling Fan Motor	-	At the front of the engine compartment, rear of the radiator	**Front of Engine Compartment Components**	**G10 Cooling Fan Motor**
G12	Fuel Pump	-	Under the rear of the vehicle,	**Fuel Tank**	-

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			in the fuel tank	**Components**	
G13	Generator	-	In the engine compartment, at the lower right rear side of the engine	• **Right Rear of the Engine Components (LUV)** • **Right Rear of the Engine Components (LUW/LWE)**	**G13 Generator X2**
G21	Secondary Air Injection Pump	-	In the engine compartment, on the right front of the engine, above the water pump	-	-
G24	Windshield Washer Pump	-	In the engine compartment, below the left headlamp assembly, attached to the washer fluid reservoir	**Front of Engine Compartment Components**	**G24 Windshield Washer Pump**
K8	Blower Motor Control Module	-	In the passenger compartment, behind the passenger side of the instrument panel, on the HVAC module	**Interior HVAC Components**	• **K8 Blower Motor Control Module X1** • **K8 Blower Motor Control Module X2**
K9	Body Control Module	-	In the passenger compartment, at the bottom center of the instrument panel	**Right Side of Passenger Compartment Components**	• **K9 Body Control Module X1** • **K9 Body Control Module X2** • **K9 Body Control Module X3** • **K9 Body Control Module X4** • **K9 Body Control Module X5** • **K9 Body Control Module X6** • **K9 Body Control**

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					Module X7
K17	Electronic Brake Control Module	-	In the engine compartment, under the radiator surge tank	**Left Side of Engine Compartment Components**	**K17 Electronic Brake Control Module**
K20	Engine Control Module	-	In the engine compartment, near the battery	**Top of the Engine Components (LUW/LWE)**	• **K20 Engine Control Module X1 (LUV)** • **K20 Engine Control Module X1 (LUW/LWE)** • **K20 Engine Control Module X2 (LUV)** • **K20 Engine Control Module X2 (LUW/LWE)** • **K20 Engine Control Module X3 (LUV)**
K27	Fuel Pump Control Module	-	In the luggage compartment, on the rear of the right rear wheel well	**Luggage Compartment Components (Notchback)**	**K27 Fuel Pump Control Module**
K29	Seat Heating Control Module	KA1	In the passenger compartment, under the front of the driver seat	**Driver Seat Components (1 of 2)**	• **K29 Seat Heating Control Module X1 (KA1)** • **K29 Seat Heating Control Module X2 (KA1)** • **K29 Seat Heating Control Module X3 (KA1)**
K33	HVAC Control Module	-	In the passenger compartment, in the center of the instrument panel, behind	**Behind the Instrument Panel Components**	• **K33 HVAC Control Module X1** • **K33 HVAC Control Module X2**

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			the HVAC controls		• **K33 HVAC Control Module X3**
K35	Ignition Coil Module	-	In the engine compartment, at the top of the engine	**Left Rear of the Engine Components (LUV)**	**K35 Ignition Coil Module**
K36	Inflatable Restraint Sensing and Diagnostic Module	-	In the passenger compartment, under the front of the center console	**Right Side of Passenger Compartment Components**	• **K36 Inflatable Restraint Sensing and Diagnostic Module X1** • **K36 Inflatable Restraint Sensing and Diagnostic Module X2**
K41R	Rear Parking Assist Control Module	UD7	In the luggage compartment, on the rear of the left rear wheel well	**Luggage Compartment Components (Notchback)**	• **K41R Rear Parking Assist Control Module X1 (UD7)** • **K41R Rear Parking Assist Control Module X2 (UD7)**
K43	Power Steering Control Module	-	Under the vehicle, on the power steering rack assembly	**Lower Rear of Engine Compartment Components**	• **K43 Power Steering Control Module X1** • **K43 Power Steering Control Module X2**
K60	Steering Column Lock Module	ULS	In the passenger compartment, behind and below the steering wheel	**Behind the Instrument Panel Components**	**K60 Steering Column Lock Control Module (ULS)**
K61	Sunroof Control Module	CF5	In the passenger compartment, at the front of the headliner, part of the sunroof module assembly	-	**K61 Sunroof Control Module (CF5)**

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K71	Transmission Control Module	MH8/MH9	In the engine compartment, mounted to the valve body inside the transmission, part of the control solenoid valve assembly	-	-
K73	Telematics Communication Interface Control Module	UE1	In the passenger compartment, behind the passenger side of the instrument panel	**Behind the Instrument Panel Components**	• **K73 Telematics Communications Interface Control Module X1 (UE1)** • **K73 Telematics Communications Interface Control Module X2 (UE1)**
K77	Remote Control Door Lock Receiver	-	In the passenger compartment, above the front center of the headliner	**Headliner Components**	**K77 Remote Control Door Lock Receiver**
K84	Keyless Entry Control Module	ATH	In the passenger compartment, at the right front A-pillar trim panel	-	• **K84 Keyless Entry Control Module X1 (ATH)** • **K84 Keyless Entry Control Module X2 (ATH)** • **K84 Keyless Entry Control Module X4 (ATH)**
K85	Passenger Presence Detection Module	-	In the passenger compartment, under the front of the front passenger seat cushion	**Passenger Seat Components (1 of 2)**	• **K85 Passenger Presence Detection Module X1** • **K85 Passenger Presence Detection**

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					Module X2
K89	Immobilizer Control Module	-	In the passenger compartment, on the driver side, near the ignition cylinder	-	**K89 Immobilizer Control Module**
KR14	Brake Booster Pump Motor Relay	-	In the left rear of the engine compartment, near the brake booster	-	• **KR14 Brake Booster Pump Relay X1** • **KR14 Brake Booster Pump Relay X2**
M6	Air Temperature Door Actuator	-	In the passenger compartment, behind the instrument panel, part of HVAC module	**Interior HVAC Components**	**M6 Air Temperature Door Actuator**
M7	Transmission Shift Lock Control Solenoid Actuator	MH8/MH9	In the center of the passenger compartment, in the floor console, part of the transmission shift lever	-	-
M8	Blower Motor	-	In the passenger compartment, behind the passenger side of the instrument panel	**Interior HVAC Components**	**M8 Blower Motor**
M9	Brake Booster Pump Motor	-	In the left rear of the engine compartment, near the brake booster	**Lower Rear of Engine Compartment Components**	-
			In the passenger compartment, behind the left		

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M37	Mode Door Actuator	-	side of the instrument panel, on the upper left side of the HVAC module	**Interior HVAC Components**	**M37 Mode Door Actuator**
M38	Power Steering Motor	-	In the vehicle underbody, below rear of engine compartment, mounted to steering gear	-	-
M40	Rear Compartment Lid Latch	-	At the rear of the vehicle, in the bottom center of the rear compartment	**Rear Compartment Lid Components**	**M40 Rear Compartment Lid Latch**
M46	Air Recirculation Door Actuator	-	In the passenger compartment, behind the instrument panel, part of HVAC module	**Interior HVAC Components**	**M46 Air Recirculation Door Actuator**
M50D	Seat Front Vertical Motor - Driver	ADS	In the passenger compartment, under the front of the driver seat, next to the right seat track	**Driver Seat Components (1 of 2)**	**M50D Seat Front Vertical Motor - Driver (ADS)**
M51D	Seat Horizontal Motor - Driver	ADS	In the passenger compartment, under the center of the driver seat, between the seat tracks	**Driver Seat Components (1 of 2)**	**M51D Seat Horizontal Motor - Driver (ADS)**
M55D	Seat Rear Vertical Motor - Driver	ADS	In the passenger compartment, under the front of the driver seat, next to the	**Driver Seat Components (1 of 2)**	**M55D Seat Rear Vertical Motor - Driver (ADS)**

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			left seat track		
M64	Starter Motor	-	In the engine compartment, lower left rear of the engine	• **Right Rear of the Engine Components (LUV)** • **Right Rear of the Engine Components (LUW/LWE)**	-
M74D	Window Motor - Driver	AEC	In the passenger compartment, behind the driver door trim panel, at the bottom center of the door	**Driver Door Components**	**M74D Window Motor - Driver (AEC)**
M74D	Window Motor - Driver	AXG	In the passenger compartment, behind the driver door trim panel, at the bottom center of the door	**Driver Door Components**	**M74D Window Motor - Driver (AXG)**
M74LR	Window Motor - Left Rear	-	In the passenger compartment, center of the left rear door, behind the door trim panel	**Left Rear Door Components**	**M74LR Window Motor - Left Rear**
M74P	Window Motor - Passenger	-	In the passenger compartment, behind the front passenger door trim panel, at the bottom center of the door	**Passenger Door Components**	**M74P Window Motor - Passenger**
	Window Motor -		In the passenger compartment,	**Right Rear Door**	**M74RR Window**

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M74RR	Right Rear	-	center of the right rear door, behind the door trim panel	**Components**	**Motor - Right Rear**
M75	Windshield Wiper Motor	-	At the left rear of the engine compartment, near the windshield	**Left Side of Engine Compartment Components**	**M75 Windshield Wiper Motor**
M93	Key Capture Solenoid Actuator	MH8/MH9	In the passenger compartment, on the steering column, near the ignition switch	-	**M93 Ignition Cylinder Lock Control Solenoid Actuator (MH8)**
M96	Active Grille Air Shutter Actuator	Y8K	Outside the vehicle, near the left front corner of the vehicle, behind the fascia	**Behind the Front Bumper Fascia Components (Y8X)**	**M96 Active Grille Air Shutter Actuator (Y8X)**
P2	Transmission Shift Lever Position Indicator	MH8/MH9	In the passenger compartment, behind and below the center of the instrument panel	**Instrument Panel and Center Console Components**	**P2 Transmission Shift Lever Position Indicator (MH8)**
P9	Driver Information Center Display	-	In the passenger compartment, in the center of the instrument cluster	-	-
P12	Horn	-	In the left front of the engine compartment, mounted on the frame rail	**Left Side of Engine Compartment Components**	**P12 Horn**
P14	Passenger Air Bag Disable Indicator	-	In the passenger compartment, in the center of the instrument panel	**Instrument Panel and Center Console Components**	**P14 Passenger Air Bag Disable Indicator**

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P16	Instrument Cluster	-	In the passenger compartment, at the top of the driver side of the instrument panel, above the steering column	**Instrument Panel and Center Console Components**	**P16 Instrument Cluster**
P17	Info Display Module	-	In the passenger compartment, at the top center of the instrument panel, above the radio controls	**Instrument Panel and Center Console Components**	• **P17 Info Display Module (UAG)** • **P17 Info Display Module X1 (UHQ)** • **P17 Info Display Module X2 (UHQ)**
P19AA	Speaker - Right Subwoofer	-	In the luggage compartment, at the top right side	**Luggage Compartment Components (Notchback)**	**P19AA Speaker - Right Subwoofer**
P19AG	Speaker - Left Front Door	-	In the passenger compartment, at the front of the left front door, behind the door trim panel	**Driver Door Components**	**P19AG Speaker - Left Front Door**
P19AH	Speaker - Right Front Door	-	In the passenger compartment, at the front of the right front door, behind the door trim panel	**Passenger Door Components**	**P19AH Speaker - Right Front Door**
P19AL	Speaker - Left Rear Door	-	In the passenger compartment, in the lower left rear door, behind the door panel	**Left Rear Door Components**	**P19AL Speaker - Left Rear Door**
			In the passenger		

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P19AM	Speaker - Right Rear Door	-	compartment, in the lower right rear door panel	**Right Rear Door Components**	**P19AM Speaker - Right Rear Door**
P19B	Speaker - Center Instrument Panel	UQA	In the passenger compartment, in the center of the instrument panel upper dash pad	-	**P19B Speaker - Center Instrument Panel (UQA)**
P19H	Speaker - Left Front Tweeter	-	In the passenger compartment, at the base of the left A-pillar	**Left Side of Passenger Compartment Components**	**P19H Speaker - Left Front Tweeter**
P19N	Speaker - Left Subwoofer	-	In the luggage compartment, at the top left side	**Luggage Compartment Components (Notchback)**	**P19N Speaker - Left Subwoofer**
P19V	Speaker - Right Front Tweeter	-	In the passenger compartment, at the base of the right A-pillar	**Right Side of Passenger Compartment Components**	**P19V Speaker - Right Front Tweeter**
Q2	A/C Compressor Clutch	-	In the engine compartment, attached to front of A/C compressor	-	-
Q5	Brake Pressure Modulator	-	In the engine compartment, under the radiator surge tank, attached to the brake control module	-	-
Q6E	Camshaft Position Actuator Solenoid Valve - Exhaust	-	In the engine compartment, at the front right side of the engine	• **Right Front of the Engine Components (LUV)** • **Top of the Engine Components**	• **Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)** • **Q6E Camshaft Position Actuator**

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				(LUW/LWE)	**Solenoid Valve - Exhaust (LUW/LWE)**
Q6F	Camshaft Position Actuator Solenoid Valve - Intake	-	In the engine compartment, at the rear right side of the engine	• **Right Rear of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUV)** • **Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)**
Q8	Control Solenoid Valve Assembly	MH8/MH9	In the engine compartment, at the front of the transmission	**Left Front of the Engine Components (LUW/LWE)**	• **Q8 Control Solenoid Valve Assembly X1 (MH8)** • **Q8 Control Solenoid Valve Assembly X2 (MH8)** • **Q8 Control Solenoid Valve Assembly X3 (MH8)** • **Q8 Control Solenoid Valve Assembly X4 (MH8)**
Q12	Evaporative Emission Purge Solenoid Valve	-	In the engine compartment, at the top middle rear of the engine	• **Right Rear of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **Q12 Evaporative Emission Purge Solenoid Valve (LUV)** • **Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)**
Q13	Evaporative Emission Vent Solenoid Valve	-	Under the vehicle, at the top right side of the fuel tank	**Fuel Tank Components**	**Q13 Evaporative Emission Vent Solenoid Valve**
			In the engine compartment,	• **Right Rear of the Engine Components**	• **Q17A Fuel**

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Q17A	Fuel Injector 1	-	at the top rear of the engine, at the cylinder 1 intake port	**(LUV)** • **Top of the Engine Components (LUW/LWE)**	**Injector 1 (LUV)** • **Q17A Fuel Injector 1 (LUW/LWE)**
Q17B	Fuel Injector 2	-	In the engine compartment, at the top rear of the engine, at the cylinder 2 intake port	• **Right Rear of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **Q17B Fuel Injector 2 (LUV)** • **Q17B Fuel Injector 2 (LUW/LWE)**
Q17C	Fuel Injector 3	-	In the engine compartment, at the top rear of the engine, at the cylinder 3 intake port	• **Right Rear of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **Q17C Fuel Injector 3 (LUV)** • **Q17C Fuel Injector 3 (LUW/LWE)**
Q17D	Fuel Injector 4	-	In the engine compartment, at the top rear of the engine, at the cylinder 4 intake port	• **Right Rear of the Engine Components (LUV)** • **Top of the Engine Components (LUW/LWE)**	• **Q17D Fuel Injector 4 (LUV)** • **Q17D Fuel Injector 4 (LUW/LWE)**
Q22	Intake Manifold Tuning Solenoid Valve	LUW/LWE	In the engine compartment, on the left side of the engine block, under the intake manifold	**Right Rear of the Engine Components (LUW/LWE)**	**Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE)**
Q27A	Pressure Control Solenoid Valve 1	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q27B	Pressure Control Solenoid Valve 2	MH8/MH9	In the engine compartment, internal to the transmission	-	-

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			assembly		
Q27C	Pressure Control Solenoid Valve 3	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q27D	Pressure Control Solenoid Valve 4	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q27E	Pressure Control Solenoid Valve 5	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q29	Secondary Air Injection Solenoid Valve	-	In the engine compartment, on the left side of the engine, on the left front corner of the cylinder head	-	-
Q32A	Shift Solenoid Valve 1	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q38	Throttle Body	LUV	In the engine compartment, at the left rear of the engine	**Left Rear of the Engine Components (LUV)**	**Q38 Throttle Body**
Q38	Throttle Body	LUW/LWE	In the engine compartment, at the right rear of the engine	**Top of the Engine Components (LUW/LWE)**	**Q38 Throttle Body**
Q39A	Torque Converter Clutch Pressure Control Solenoid Valve	MH8/MH9	In the engine compartment, internal to the transmission assembly	-	-
Q40	Turbocharger Bypass Solenoid Valve	LUV	In the engine compartment, at the right rear of the engine	-	**Q40 Turbocharger Bypass Solenoid Valve (LUV)**
			In the engine		

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Q42	Turbocharger Wastegate Solenoid Valve	LUV	compartment, at the right front of the engine, above the A/C compressor	**Right Front of the Engine Components (LUV)**	**Q42 Turbocharger Wastegate Solenoid Valve (LUV)**
Q46	A/C Compressor Solenoid Valve	-	At the front of the engine compartment, part of the compressor assembly	• **Right Front of the Engine Components (LUV)** • **Right Front of the Engine Components (LUW/LWE)**	**Q46 A/C Compressor Solenoid Valve**
S2	Transmission Manual Shift Switch	MH8/MH9	In the passenger compartment, part of the transmission shift lever	-	**S2 Transmission Manual Shift Switch (MH8)**
S3	Transmission Shift Lever	MH8/MH9	In the passenger compartment, under the center console, part of the automatic transmission shift lever assembly	**Instrument Panel and Center Console Components**	**S3 Transmission Shift Lever (MH8)**
S13D	Door Lock Switch - Driver	-	In the passenger compartment, in the center of the instrument panel	**Instrument Panel and Center Console Components**	**S13D Door Lock Switch - Driver**
S26	Hazard Warning Switch	-	In the passenger compartment, in the center of the instrument panel	**Instrument Panel and Center Console Components**	**S26 Hazard Lamps Switch**
S30	Headlamp Switch	-	In the passenger compartment, on the left side	**Instrument Panel and Center Console**	**S30 Headlamp Switch**

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			of the steering column	**Components**	
S33	Horn Switch	-	In the passenger compartment, in the center of the steering wheel, behind the driver side air bag	-	-
S38	Ignition Mode Switch	BTM	In the passenger compartment, behind the steering wheel, on the right side of the steering column	-	**S38 Igntion Mode Switch (BTM)**
S39	Ignition Switch	without BTM	In the passenger compartment, behind the steering wheel, on the right side of the steering column	-	**S39 Ignition Switch**
S52	Outside Rearview Mirror Switch	-	In the passenger compartment, on the driver door trim panel	**Driver Door Components**	**S52 Outside Rearview Mirror Switch**
S58A	Rear Compartment Lid Unlatch Switch - Exterior	-	At the rear of the vehicle, in the center of the rear compartment lid, between the license plate lamps	**Rear of Vehicle Components**	-
S64D	Seat Adjuster Switch - Driver	ADS	In the passenger compartment, mounted to the outboard side of the driver	**Driver Seat Components (1 of 2)**	**S64D Seat Adjuster Switch - Driver (ADS)**

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			seat cushion		
S70L	Steering Wheel Controls Switch - Left	K34	In the passenger compartment, on the left side of the steering wheel	**Instrument Panel and Center Console Components**	**S70L Steering Wheel Controls Switch - Left (K34)**
S70R	Steering Wheel Controls Switch - Right	W1Y	In the passenger compartment, on the right side of the steering wheel	**Instrument Panel and Center Console Components**	**S70R Steering Wheel Controls Switch - Right (W1Y)**
S72	Sunroof Switch	CF5	In the passenger compartment, at the front of the headliner, in the overhead console	-	**S72 Sunroof Switch (CF5)**
S75	Traction Control Switch	FX3	In the passenger compartment, on the center console trim plate, right side of the shifter	**Instrument Panel and Center Console Components**	**S75 Traction Control Switch (FX3)**
S78	Turn Signal/Multifunction Switch	-	In the passenger compartment, on the left side of the steering column	**Instrument Panel and Center Console Components**	**S78 Turn Signal/Multi-Function Switch**
S79D	Window Switch - Driver	AEC	In the passenger compartment, behind the driver door trim panel, center of the door	**Driver Door Components**	**S79D Window Switch - Driver (AEC)**
S79D	Window Switch - Driver	AXG	In the passenger compartment, on the driver door trim panel, center of	**Driver Door Components**	**S79D Window Switch - Driver (AXG)**

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			the door		
S79LR	Window Switch - Left Rear	-	In the passenger compartment, at the center of the left rear door, on the door trim panel	**Left Rear Door Components**	**S79LR Window Switch - Left Rear**
S79P	Window Switch - Passenger	-	In the passenger compartment, on the passenger door trim panel, center of the door	**Passenger Door Components**	**S79P Window Switch - Passenger**
S79RR	Window Switch - Right Rear	-	In the passenger compartment, at the center of the right rear door, on the door trim panel	**Right Rear Door Components**	**S79RR Window Switch - Right Rear**
S82	Windshield Wiper/Washer Switch	-	In the passenger compartment, on the right side of the steering column	**Instrument Panel and Center Console Components**	**S82 Windshield Wiper/Washer Switch**
S88	Sunroof Tilt Switch	CF5	In the passenger compartment, at the front of the headliner, in the overhead console	-	**S88 Sunroof Tilt Switch (CF5)**
T3	Audio Amplifier	UQA	In the luggage compartment, mounted on the right rear wheel well	**Luggage Compartment Components (Notchback)**	• **T3 Audio Amplifier X1 (UQA)** • **T3 Audio Amplifier X2 (UQA)** • **T3 Audio Amplifier X3 (UQA)**

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T4G	Cellular Phone, Navigation, and Digital Radio Antenna	-	Outside the vehicle, at the rear center of the roof	**Rear of Vehicle Components**	-
T4S	Wireless Communication Antenna - Bluetooth	UPF	In the passenger compartment, in the instrument panel, attached to the telematics communication interface module	-	-
T10E	Keyless Entry Antenna - Rear Compartment	ATH	In the rear compartment, in the center of the metal floor pan near the seatback	-	**T10E Keyless Entry Antenna - Rear Compartment (ATH)**
T10G	Keyless Entry Antenna - Rear Fascia	ATH	On the vehicle exterior, behind the rear fascia	-	**T10G Keyless Entry Antenna - Rear Fascia (ATH)**
T10J	Keyless Entry Antenna - Center Console Front	ATH	In the passenger compartment, in the lower instrument panel near the front of the console	-	**T10J Keyless Entry Antenna - Center Console Front (ATH)**
T10K	Keyless Entry Antenna - Center Console Rear	ATH	In the passenger compartment, in the rear end of the console	-	**T10K Keyless Entry Antenna - Center Console Rear (ATH)**
T10M	Keyless Entry Antenna - Driver Door Handle	ATH	On the vehicle exterior, inside the driver door handle	-	**T10M Keyless Entry Antenna - Driver Door Handle (ATH)**
T10N	Keyless Entry Antenna - Passenger Door Handle	ATH	On the vehicle exterior, inside the passenger door handle	-	**T10N Keyless Entry Antenna - Passenger Door Handle (ATH)**
			In the passenger		

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T11	Multimedia Player Interface Module	KTA	compartment, behind the center of the instrument panel, below the HVAC controls	-	**T11 Multimedia Player Interface Module (KTA)**
T12	Automatic Transmission Assembly	MH8/MH9	In the engine compartment, toward the left side, attached to the engine	-	-
T15	Navigation Antenna Signal Splitter	UE1 and UYS	In the passenger compartment, near the bottom of the right front A-pillar	**Behind the Instrument Panel Components**	-
W7	Blunt Cut - Shield	-	On Instrument panel harness near X200 connector	-	-
X50A	Fuse Block - Underhood	-	In the left front of the engine compartment, behind the headlamp assembly	**Left Side of Engine Compartment Components**	**Electrical Center Identification Views**
X50D	Fuse Block - Battery	-	In the left side of the engine compartment, on top of the battery	**Left Side of Engine Compartment Components**	**Electrical Center Identification Views**
X51A	Fuse Block - Instrument Panel	-	In the passenger compartment, to the left of the steering column, under the left instrument panel knee bolster	**Instrument Panel and Center Console Components**	**Electrical Center Identification Views**
X80L	Accessory Power Receptacle - Rear	-	In the passenger compartment, at the rear of	**Instrument Panel and Center Console**	**X80L Accessory Power Receptacle - Rear**

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	Console		the center console	**Components**	**Console**
X83	Auxiliary Audio Input	-	In the passenger compartment, in the center console storage compartment	**Instrument Panel and Center Console Components**	**X83 Auxiliary Audio Input**
X84	Data Link Connector	-	In the passenger compartment, at the bottom of the driver side of the instrument panel	**Instrument Panel and Center Console Components**	**X84 Data Link Connector**
X85	Steering Wheel Air Bag Coil	-	In the passenger compartment, behind the steering wheel	-	• **X85 Steering Wheel Air Bag Coil X1** • **X85 Steering Wheel Air Bag Coil X2** • **X85 Steering Wheel Air Bag Coil X3**
X100	Body Harness to Forward Lamp Harness (40 cavities)	-	In the left front of the engine compartment, under the front of the battery tray	**Forward Lamp Harness Routing**	**X100 Body Harness to Forward Lamp Harness**
X102	Engine Cooling Harness to Forward Lamp Harness (4 cavities)	-	In the left front of the engine compartment, on the lower left side of the cooling fan assembly	**Forward Lamp Harness Routing**	**X102 Engine Cooling Harness to Forward Lamp Harness**
X104	Engine Cooling Harness to Forward Lamp Harness (5 cavities)	-	In the left front of the engine compartment, on the lower left side of the cooling fan assembly	**Forward Lamp Harness Routing**	**X104 Engine Cooling Harness to Forward Lamp Harness**
			In the engine		

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X105	Engine Harness to Fuel Injectors Harness (7 cavities)	LUW/LWE	compartment, left side of engine	**Engine Harness Routing - Right Rear (LUW/LWE)**	**X105 Engine Harness to Fuel Injectors Harness (LUW/LWE)**
X114	Power Steering Harness to Forward Lamp Harness (12 cavities)	-	In the left front of the engine compartment, on the lower left side of the cooling fan assembly	**Forward Lamp Harness Routing**	**X114 Power Steering Harness to Forward Lamp Harness**
X190	Body Harness to Engine Harness (40 cavities)	-	In the left front of the engine compartment, under the front of the battery tray	**Engine Harness Routing - Left Front (LUW/LWE)**	**X190 Body Harness to Engine Harness**
X200	Instrument Panel Harness to Body Harness (102 cavities)	-	In the passenger compartment, near the bottom of the left front A-pillar	**Passenger Compartment Harness Routing**	**X200 Instrument Panel Harness to Body Harness**
X203	Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness (5 cavities)	-	In the passenger compartment, behind instrument panel compartment	**Instrument Panel Harness Routing**	**X203 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness**
X205	Instrument Panel Harness to Body Harness (12 cavities)	UQA	In the passenger compartment, near the bottom of the right front A-pillar	**Passenger Compartment Harness Routing**	**X205 Instrument Panel Harness to Body Harness (UQA)**
X206	Instrument Panel Harness to Body Harness (2 cavities - COAX)	-	In the passenger compartment, near the bottom of the right front A-pillar	**Passenger Compartment Harness Routing**	-
X207	Instrument Panel Harness to Body Harness (2 cavities - COAX)	-	In the passenger compartment, near the bottom of the right front A-pillar	**Passenger Compartment Harness Routing**	-

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X210	Headliner Harness to Body Harness (20 cavities)	-	In the passenger compartment, at the right front A-pillar	**Passenger Compartment Harness Routing**	**X210 Headliner Harness to Body Harness**
X211	Headliner Harness to Body Harness (20 cavities)	-	In the passenger compartment, at the right front A-pillar	**Passenger Compartment Harness Routing**	**X211 Headliner Harness to Body Harness**
X212	Instrument Panel Harness to HVAC Harness (2 cavities)	C68	In the passenger compartment, behind the center of the instrument panel	-	**X212 Instrument Panel Harness to HVAC Harness (C68)**
X300	Console Harness to Instrument Panel Harness (22 cavities)	-	In the passenger compartment, under the center of instrument panel, in front of the shifter	**Center Console Harness Routing**	**X300 Console Harness to Instrument Panel Harness**
X301	Console Harness to Instrument Panel Harness (5 cavities - USB)	-	In the passenger compartment, under the center of instrument panel, in front of the shifter	**Center Console Harness Routing**	-
X310	Body Harness to Driver Seat Harness (20 cavities)	-	In the passenger compartment, under the right side of the driver seat	**Driver Seat Harness Routing**	**X310 Body Harness to Driver Seat Harness**
X320	Body Harness to Passenger Seat Harness (20 cavities)	-	In the passenger compartment, under the left side of the passenger seat	**Passenger Seat Harness Routing**	**X320 Body Harness to Passenger Seat Harness**
			In the passenger		

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X335	Body Harness to Curtain Air Bag Jumper Harness (2 cavities)	-	compartment, above the headliner, between the left B-pillar and C-pillar	-	**X335 Body Harness to Curtain Air Bag Harness**
X345	Body Harness to Curtain Air Bag Jumper Harness (2 cavities)	-	In the passenger compartment, above the headliner, between the right B-pillar and C-pillar	**Passenger Compartment Harness Routing**	**X345 Body Harness to Curtain Air Bag Harness**
X401	Fuel Tank Harness to Body Harness (16 cavities)	-	Under the vehicle, at the front of the right rear wheel well	**Body Harness Routing - Under the Rear of the Vehicle**	**X401 Fuel Tank Harness to Body Harness**
X402	Rear Object Sensor Harness to Body Harness (12 cavities)	UD7	At the rear of the vehicle, behind the inner left side of the rear fascia	**Body Harness Routing - Under the Rear of the Vehicle**	**X402 Rear Object Sensor Harness to Body Harness (UD7)**
X410	Left Tail Lamp Harness to Body Harness (8 cavities)	-	In the luggage compartment, near the left tail lamp, behind the trim panel	**Body Harness Routing - Left Side of the Luggage Compartment**	**X410 Left Tail Lamp Harness to Body Harness**
X420	Right Tail Lamp Harness to Body Harness (8 cavities)	-	In the luggage compartment, near the right tail lamp, behind the trim panel	**Body Harness Routing - Right Side of the Luggage Compartment**	**X420 Right Tail Lamp Harness to Body Harness**
X500	Driver Door Harness to Body Harness (41 cavities)	-	In the passenger compartment, at the left front A-pillar	**Driver Door Harness Routing**	**X500 Driver Door Harness to Body Harness**
X600	Passenger Door Harness to Body Harness (41 cavities)	-	In the passenger compartment, at the right front A-pillar	**Passenger Door Harness Routing**	**X600 Passenger Door Harness to Body Harness**
			In the		

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X700	Left Rear Door Harness to Body Harness (20 cavities)	-	passenger compartment, in the left B-pillar	**Left Rear Door Harness Routing**	**X700 Left Rear Door Harness to Body Harness**
X800	Right Rear Door Harness to Body Harness (20 cavities)	-	In the passenger compartment, in the right B-pillar	**Right Rear Door Harness Routing**	**X800 Right Rear Door Harness to Body Harness**
X900	Rear Compartment Lid Harness to Body Harness (22 cavities)	-	In the luggage compartment, on the left side, behind the trim panel	**Body Harness Routing - Left Side of the Luggage Compartment**	**X900 Rear Compartment Lid Harness to Body Harness**
X910	Left Inner Tail Lamp Jumper Harness to Rear Compartment Lid Harness (2 cavities)	-	In the luggage compartment, near the left inner tail lamp, behind the trim panel	**Rear Compartment Lid Harness Routing**	**X910 Left Inner Tail Lamp Harness to Rear Compartment Lid Harness**
X915	License Plate Lamp Harness to Rear Compartment Lid Harness (4 cavities)	(-UVC)	At the rear of the vehicle, in the right center of the rear compartment lid	**Rear Compartment Lid Harness Routing**	**X915 License Lamp Harness to Rear Compartment Lid Harness (-UVC)**
X915	License Plate Lamp Harness to Rear Compartment Lid Harness (10 cavities)	(UVC)	At the rear of the vehicle, in the right center of the rear compartment lid	**Rear Compartment Lid Harness Routing**	**X915 License Lamp Harness to Rear Compartment Lid Harness (UVC)**
X920	Right Inner Tail Lamp Jumper Harness to Rear Compartment Lid Harness (2 cavities)	-	In the luggage compartment, near the right inner tail lamp, behind the trim panel	**Rear Compartment Lid Harness Routing**	**X920 Right Inner Tail Lamp Harness to Rear Compartment Lid Harness**
G100	Battery (-) Harness	-	In the engine compartment, on the left side, forward of the battery	**G100, G101, G103, G104, G105, G120, and G121**	-
G101	Forward Lamp Harness	-	In the engine compartment, on the left side, forward of the	**G100, G101, G103, G104, G105, G120, and G121**	-

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			battery		
G102	Battery (+) Harness	-	In the engine compartment, on the lower rear of the engine, near the starter assembly	**G102**	-
G103	Forward Lamp Harness	-	In the left rear of the engine compartment, near the strut tower	**G100, G101, G103, G104, G105, G120, and G121**	-
G104	Forward Lamp Harness	-	In the right front of the engine compartment, near the right engine mount	**G100, G101, G103, G104, G105, G120, and G121**	-
G105	Engine Cooling Harness	-	In the engine compartment, on the left side, forward of the battery	**G100, G101, G103, G104, G105, G120, and G121**	-
G112	Engine Harness	-	In the engine compartment, top left side of the engine, above the thermostat housing	**G112 (LUW/LWE)**	-
G114	Engine Harness	LUV	In the engine compartment, on the left side, forward of the battery	**G114 (LUV)**	-
G114	Engine Harness	LUW/LWE	In the engine compartment, on the left side, forward of the battery	**G114 (LUW/LWE)**	-
G120	Body Harness	-	In the left rear of the engine compartment, near the strut tower	**G100, G101, G103, G104, G105, G120, and G121**	-

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G121	Power Steering Harness	-	In the left rear of the engine compartment, near the strut tower	**G100, G101, G103, G104, G105, G120, and G121**	-
G201	Instrument Panel Harness	-	In the passenger compartment, behind the left side of the instrument panel	**G201**	-
G202	Instrument Panel Harness	-	In the passenger compartment, behind the center of the instrument panel	**G202 and G203**	-
G203	Instrument Panel Harness	-	In the passenger compartment, behind the center of the instrument panel	**G202 and G203**	-
G204	Instrument Panel Harness	-	In the passenger compartment, behind the center of the instrument panel	**G204**	-
G301	Body Harness	-	In the passenger compartment, below the center console	**G301**	-
G305	Body Harness	-	In the passenger compartment, near the bottom of the left front A-pillar	**G305, G307, G308, and G400**	-
G307	Body Harness	-	In the passenger compartment,	**G305, G307, G308,**	-

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			under the center console	**and G400**	
G308	Body Harness	-	In the passenger compartment, near the bottom of the right front A-pillar	**G305, G307, G308, and G400**	-
G309	Body Harness	-	In the luggage compartment, on the rear of the left rear wheel well	**G309**	-
G400	Body Harness	-	In the passenger compartment, on the right D-pillar	**G305, G307, G308, and G400**	-
G402	Body Harness	-	In the luggage compartment, on the right rear wheel well, above the fuel pump control module	**G402**	-
J101	Forward Lamp Harness	-	In the forward lamp harness, toward the left front, approximately 7 cm (2.76 in) from the breakout for X114	-	-
J102	Forward Lamp Harness	-	In the forward lamp harness, approximately 17 cm (6.7 in) from the breakout for the hood ajar switch	-	-
J108	Fuel Injector Harness	LUW/LWE	In the fuel injector harness, approximately 5 cm (1.97 in)	**Engine Harness Routing - Right**	-

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			from the breakout for fuel injector 4	**Rear (LUW/LWE)**	
J111	Engine Harness	LUV	In the engine harness, approximately 9 cm (3.54 in) from the throttle body breakout	**Engine Harness Routing - Left Front (LUV)**	-
J111	Engine Harness	LUW/LWE	In the engine harness, approximately 18.5 cm (7.28 in) from the breakout for the camshaft position actuator solenoid valve - intake	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J112	Engine Harness	LUV	In the engine harness, approximately 30 cm (1.18 in) from the breakout for the engine control module connectors	**Engine Harness Routing - Left Front (LUV)**	-
J114	Engine Harness	LUV	In the engine harness approximately 9 cm (3.54 in) from the throttle body breakout	**Engine Harness Routing - Left Front (LUV)**	-
J114	Engine Harness	LUWLWE	In the engine harness, approximately 24 cm (9.45 in) from the breakout for the camshaft position actuator solenoid valve	**Engine Harness Routing - Right Rear (LUW/LWE)**	-

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			- intake		
J116	Forward Lamp Harness	T3U	In the forward lamp harness, approximately 5 cm (1.97 in) from the main bundle in the breakout for the underhood fuse block	**Forward Lamp Harness Routing**	-
J119	Engine Harness	LUV with MH8	In the engine harness approximately 0.5 cm (0.19 in) from the oil pressure switch breakout	**Engine Harness Routing - Left Front (LUV)**	-
J119	Engine Harness	LUW or LWE with MH9	In the engine harness, approximately 3 cm (1.18 in) from the breakout for the camshaft position actuator solenoid valve - intake	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J122	Engine Harness	LUW or LWE with MH9	In the engine harness, approximately 10 cm (3.98 in) from the breakout for the intake manifold tuning solenoid valve	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J123	Engine Harness	LUW/LWE	In the engine harness, in the breakout for the underhood fuse block	-	-
			In the engine harness, approximately 9 cm (3.5 in)	**Engine Harness**	

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J127	Engine Harness	LUV	from the breakout for the engine control module	**Routing - Left Front (LUV)**	-
J127	Engine Harness	LUW/LWE	In the engine harness, approximately 6 cm (2.4 in) from the breakout for G114	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J128	Body Harness	-	In the body harness approximately 8.0 cm (4.33 in) from the body control module ground	-	-
J132	Engine Harness	LUV	In the engine harness approximately 2 cm (.79 in) from the fuse block underhood breakout	**Engine Harness Routing - Left Front (LUV)**	-
J132	Engine Harness	LUW/LWE	In the engine harness, approximately 12.5 cm (4.92 in) from the breakout for the camshaft position actuator solenoid valve - intake	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J144	Engine Harness	LUV with MH8	In the engine harness approximately 8 cm (4.33 in) from the engine control module breakout	**Engine Harness Routing - Left Front (LUV)**	-
			In the engine harness, approximately		

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J144	Engine Harness	LUW or LWE with MH9	22.5 cm (8.86 in) from the breakout for the camshaft position actuator solenoid valve - intake	**Engine Harness Routing - Right Rear (LUW/LWE)**	-
J200	Instrument Panel Harness	-	In the instrument panel harness, approximately 9 cm (3.54 in) from the breakout for the center speaker	**Instrument Panel Harness Routing**	-
J201	Instrument Panel Harness	-	In the instrument panel harness, in the breakout to the instrument panel fuse block, approximately 10 cm (3.93 in.) from the main harness	**Instrument Panel Harness Routing**	-
J202	Instrument Panel Harness	-	In the instrument panel harness, approximately 23 cm (9.06 in) from the breakout for the USB connector and the traction control switch	**Instrument Panel Harness Routing**	-
J203	Instrument Panel Harness	-	In the instrument panel harness, approximately 10 cm (3.94 in) from the breakout for	**Instrument Panel Harness Routing**	-

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			the instrument panel cluster		
J204	Instrument Panel Harness	-	In the instrument panel harness, approximately 3 cm (1.18 in) from the main breakout for center speaker	**Instrument Panel Harness Routing**	-
J206	Instrument Panel Harness	-	In the instrument panel harness, in the breakout to the relay section of the instrument panel fuse block	**Instrument Panel Harness Routing**	-
J207	Instrument Panel Harness	-	In the instrument panel harness, in the breakout to the relay section of the instrument panel fuse block	**Instrument Panel Harness Routing**	-
J209	Instrument Panel Harness	-	In the steering column breakout, approximately 4 cm (1.57 in) from the main harness	**Instrument Panel Harness Routing**	-
J211	Instrument Panel Harness	-	In the instrument panel harness, approximately 6 cm (2.36 in) from the breakout for the hazard switch and air bag display	**Instrument Panel Harness Routing**	-
			In the instrument		

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J212	Instrument Panel Harness	-	panel harness, approximately 6 cm (2.36 in) from the breakout for the shift lever	**Center Console Harness Routing**	-
J213	Instrument Panel Harness	-	In the instrument panel harness, approximately 15 cm (5.91 in) from the instrument cluster breakout	**Instrument Panel Harness Routing**	-
J214	Instrument Panel Harness	-	In the instrument panel harness, approximately 4 cm (1.57 in) from the breakout for the radio controls	**Instrument Panel Harness Routing**	-
J271	HVAC Harness	-	In the HVAC harness, behind and below the center of the instrument panel	-	-
J272	HVAC Harness	-	In the HVAC harness, behind and below the center of the instrument panel	-	-
J300	Body Harness	-	In the body harness, approximately 7.5 cm (2.95 in) from the G303 breakout	-	-
J301	Body Harness	-	In the body harness, approximately 8 cm (3.14 in) from the X225	**Passenger Compartment Harness Routing**	-

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			breakout		
J302	Body Harness	-	In the body harness, approximately 17 cm (6.69 in) from the right main bundle, toward the center console	**Passenger Compartment Harness Routing**	-
J303	Body Harness	-	In the body harness, approximately 15 cm (5.90 in) from the X500 breakout	**Passenger Compartment Harness Routing**	-
J305	Body Harness	-	In the body harness, approximately 25 cm (9.84 in) from the right main bundle	**Passenger Compartment Harness Routing**	-
J307	Body Harness	-	In the body harness, approximately 16 cm (6.29 in) from the park brake switch breakout	**Passenger Compartment Harness Routing**	-
J308	Body Harness	-	In the body harness, approximately 22 cm (8.66 in) from the right main bundle, near the right front side impact sensor breakout	**Passenger Compartment Harness Routing**	-
J311	Body Harness	-	In the body harness, approximately 7 cm (2.75 in) from the G301 breakout	**Passenger Compartment Harness Routing**	-
			In the body harness, approximately	**Body Harness**	

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J312	Body Harness	Y8X	9 cm (3.54 in) from the right rear wheel speed sensor breakout	**Routing - Right Side of the Luggage Compartment**	-
J313	Body Harness	-	In the body harness, approximately 17 cm (6.69 in) from the left main bundle towards X320 breakout	**Passenger Compartment Harness Routing**	-
J314	Body Harness	-	In the body harness, approximately 21 cm (8.26 in) from the G301 breakout	**Passenger Compartment Harness Routing**	-
J315	Body Harness	-	In the body harness, approximately 6.5 cm (2.55 in) from the left front side impact sensor breakout	**Passenger Compartment Harness Routing**	-
J316	Body Harness	-	In the body harness, approximately 7 cm (2.75 in) from the X500 breakout	**Passenger Compartment Harness Routing**	-
J317	Passenger Seat Harness	-	In the passenger seat harness, in the breakout to X315	**Passenger Seat Harness Routing**	-
J319	Body Harness	-	In the body harness, approximately 6.5 cm (2.55 in) from the X225 breakout	**Passenger Compartment Harness Routing**	-
			In the headliner harness, approximately		

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J332	Headliner Harness	-	33 cm (13 in) from the breakout for the left sunshade	**Headliner Harness Routing**	-
J333	Headliner Harness	CF5	In the headliner harness, approximately 8.5 cm (3.35 in) from the breakout for the sunroof control module	**Headliner Harness Routing**	-
J334	Headliner Harness	-	In the headliner harness, approximately 5 cm (1.97 in) from the breakout for the sunroof control module	**Headliner Harness Routing**	-
J401	Body Harness	-	In the body harness, approximately 14.0 cm (5.51 in) from the parking assist control module breakout	**Body Harness Routing - Left Side of the Luggage Compartment**	-
J402	Body Harness	-	In the body harness, approximately 8.0 cm (3.14 in) from the parking assist control module breakout	**Body Harness Routing - Left Side of the Luggage Compartment**	-
J404	Body Harness	-	In the body harness, approximately 13 cm (5.12 in) into the breakout for the fuel pump control module	**Body Harness Routing - Right Side of the Luggage Compartment**	-
			In the rear object sensor		

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J498	Rear Object Sensor Harness	UD7	harness, approximately 10 cm (3.94 in) from the breakout for X402	-	-
J499	Rear Object Sensor Harness	UD7	In the rear object sensor harness, approximately 8 cm (3.15 in) from the breakout to the right middle rear object sensor	-	-
J501	Driver Door Harness	AXG	Inside the driver door harness, approximately 9 cm (3.54 in) into the breakout for driver outside rearview mirror	**Driver Door Harness Routing**	-
J502	Driver Door Harness	-	Inside the driver door harness, approximately 10.5 cm (4.13 in) from the breakout for driver window motor	**Driver Door Harness Routing**	-
J605	Passenger Door Harness	-	Inside the passenger door harness, approximately 9 cm (3.54 in) into the main breakout for the passenger window switch	**Passenger Door Harness Routing**	-
	Left Rear Door		Inside the right rear door harness, approximately		

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J701	Harness	-	20.5 cm (8.07 in) from the breakout for the left rear window switch	-	-
J702	Left Rear Door Harness	-	Inside the left rear door harness, approximately 5 cm (1.97 in) from the breakout for the left rear window switch	**Left Rear Door Harness Routing**	-
J704	Left Rear Door Harness	-	Inside the left rear door harness, approximately 2 cm (.78 in) from the breakout for the left rear window switch	**Left Rear Door Harness Routing**	-
J801	Right Rear Door Harness	-	Inside the right rear door harness, approximately 20.5 cm (8.07 in) from the breakout for the right rear window switch	**Right Rear Door Harness Routing**	-
J803	Right Rear Door Harness	-	Inside the right rear door harness, approximately 27.5 cm (10.83 in) from the breakout for the right rear window switch	**Right Rear Door Harness Routing**	-
J901	License Lamp Harness	-	In the license lamp harness, at the takeout for the exterior rear compartment	**Rear Compartment Lid Harness Routing**	-

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			lid unlatch switch		
J902	License Lamp Harness	-	In the license lamp harness, at the takeout for the exterior rear compartment lid unlatch switch	-	-
J903	Rear Compartment Lid Harness	-	In the rear compartment lid harness, approximately 39 cm (15.35 in) from the breakout for the left tail lamp	**Rear Compartment Lid Harness Routing**	-

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Wiring Systems and Power Management - Component Locator - Passenger Compartment/Roof Component Views - Cruze

PASSENGER COMPARTMENT/ROOF COMPONENT VIEWS

LEFT SIDE OF PASSENGER COMPARTMENT COMPONENTS

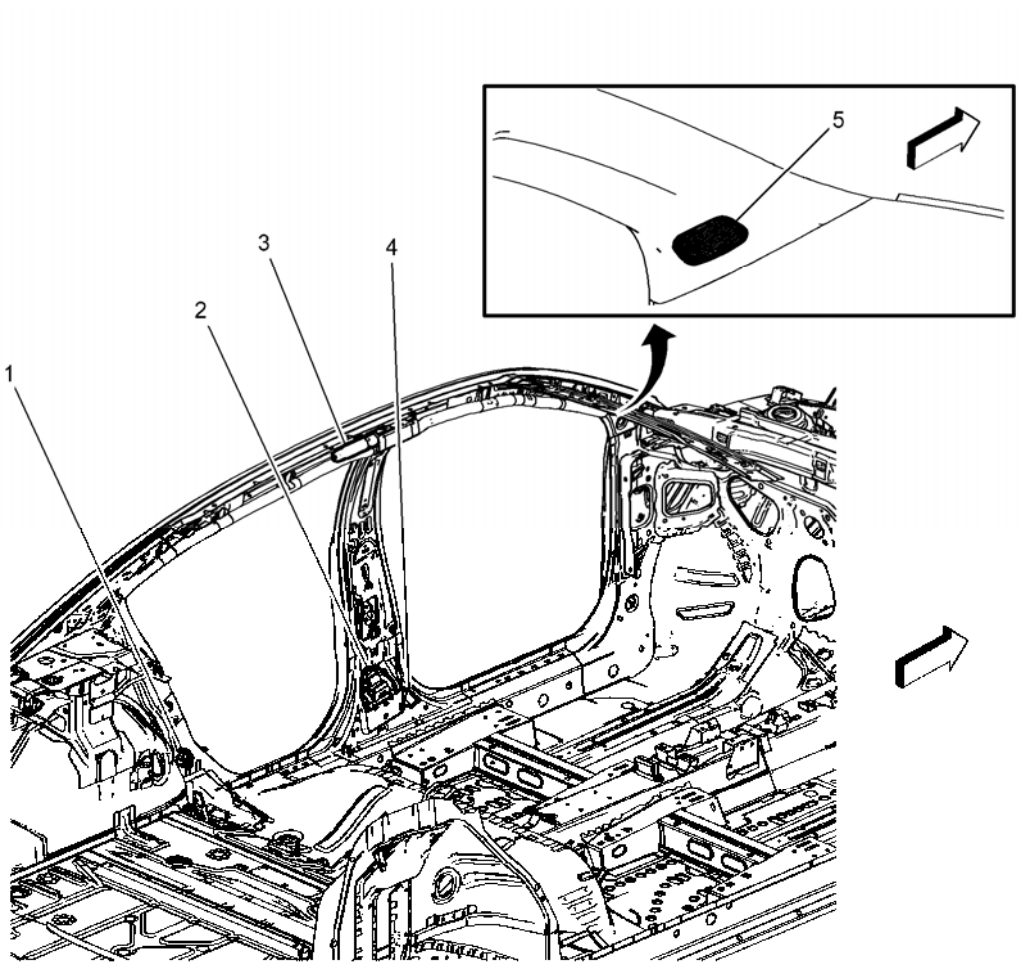


Fig. 1: Left Side Of Passenger Compartment Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: B63LR Side Impact Sensor - Left Rear **B63LR Side Impact Sensor - Left Rear**
2: F112D Seat Belt Retractor Pretensioner - Driver **F112D Seat Belt Retractor Pretensioner - Driver**
3: F105L Roof Rail Air Bag - Left **F105L Roof Rail Air Bag - Left**
4: B63LF Side Impact Sensor - Left Front **B63LF Side Impact Sensor - Left Front**

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5: P19H Speaker - Left Front Tweeter **P19H Speaker - Left Front Tweeter**

RIGHT SIDE OF PASSENGER COMPARTMENT COMPONENTS

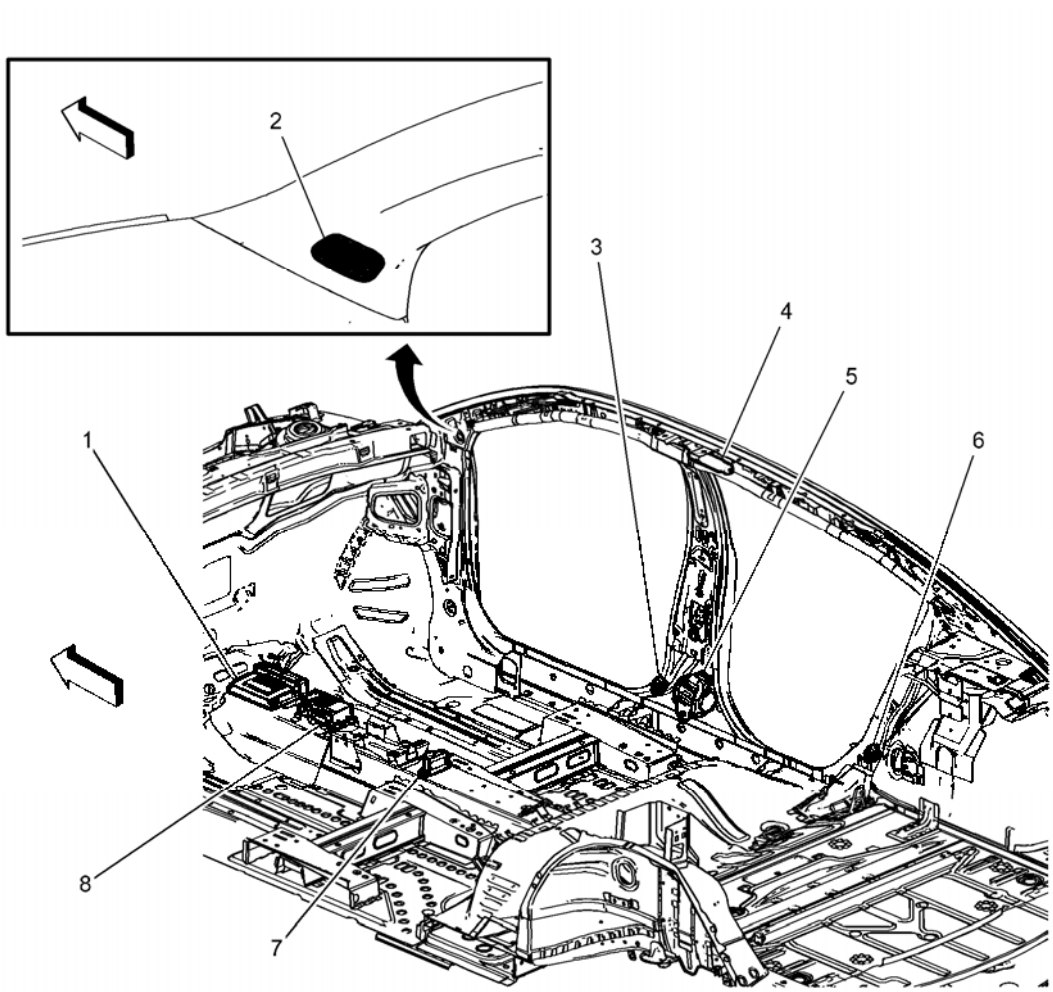


Fig. 2: Right Side Of Passenger Compartment Components
Courtesy of GENERAL MOTORS COMPANY

Items

1: K9 Body Control Module **K9 Body Control Module X1** **K9 Body Control Module X2** **K9 Body Control Module X3** **K9 Body Control Module X4** **K9 Body Control Module X5** **K9 Body Control Module X6** **K9 Body Control Module X7**
2: P19V Speaker - Right Front Tweeter **P19V Speaker - Right Front Tweeter**
3: B63RF Side Impact Sensor - Right Front **B63RF Side Impact Sensor - Right Front**
4: F105R Roof Rail Air Bag - Right **F105R Roof Rail Air Bag - Right**
5: F112P Seat Belt Retractor Pretensioner - Passenger **F112P Seat Belt Retractor Pretensioner - Passenger**
6: B63RR Side Impact Sensor - Right Rear **B63RR Side Impact Sensor - Right Rear**

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7: B119 Multi-axis Acceleration Sensor (FX3) **B119 Multi-Axis Acceleration Sensor (FX3)**
8: K36 Inflatable Restraint Sensing and Diagnostic Module **K36 Inflatable Restraint Sensing and Diagnostic Module X1** **K36 Inflatable Restraint Sensing and Diagnostic Module X2**

HEADLINER COMPONENTS

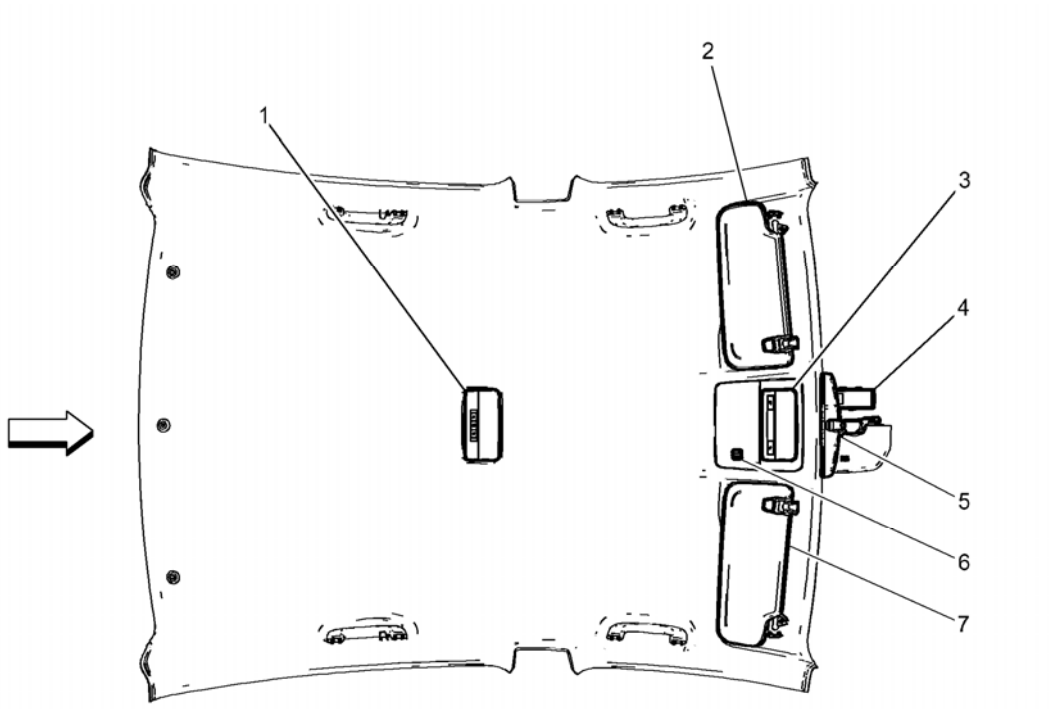


Fig. 3: Headliner Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: E37M Dome/Reading Lamps - Middle **E37M Dome/Reading Lamps - Middle**
2: A3R Sunshade - Right (D6I) **A3R Sunshade - Right (D6I)**
3: E37F Dome/Reading Lamps - Front **E37F Dome/Reading Lamps - Front**
4: K77 Remote Control Door Lock Receiver **K77 Remote Control Door Lock Receiver**
5: A10 Inside Rearview Mirror (DD8) **A10 Inside Rearview Mirror**
6: B24 Cellular Phone Microphone (UE1) **B24 Cellular Phone Microphone (UE1)**
7: A3L Sunshade - Left (D6I) **A3L Sunshade - Left (D61)**

DRIVER SEAT COMPONENTS (1 OF 2)

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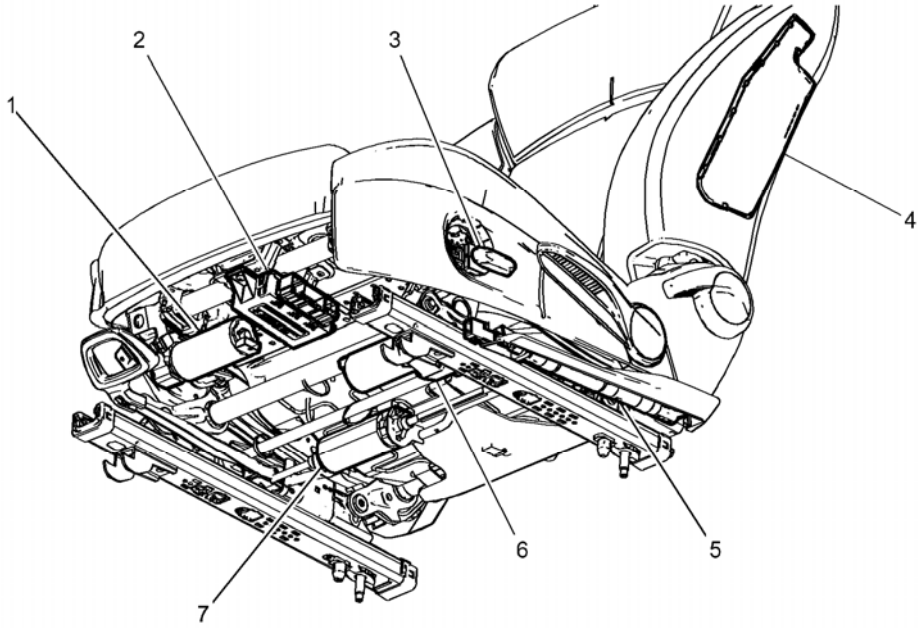


Fig. 4: Driver Seat Components (1 of 2)
Courtesy of GENERAL MOTORS COMPANY

Items
1: M50D Seat Front Vertical Motor - Driver (ADS) **M50D Seat Front Vertical Motor - Driver (ADS)**
2: K29 Seat Heating Control Module (KA1) **K29 Seat Heating Control Module X1 (KA1)** **K29 Seat Heating Control Module X2 (KA1)** **K29 Seat Heating Control Module X3 (KA1)**
3: S64D Seat Adjuster Switch - Driver (ADS) **S64D Seat Adjuster Switch - Driver (ADS)**
4: F106D Seat Side Air Bag - Driver **F106D Seat Air Bag - Driver**
5: F113D Seat Belt Anchor Pretensioner - Driver **F113D Seat Belt Anchor Prestensioner - Driver**
6: M55D Seat Rear Vertical Motor - Driver (ADS) **M55D Seat Rear Vertical Motor - Driver (ADS)**
7: M51D Seat Horizontal Motor - Driver (ADS) **M51D Seat Horizontal Motor - Driver (ADS)**

DRIVER SEAT COMPONENTS (2 OF 2)

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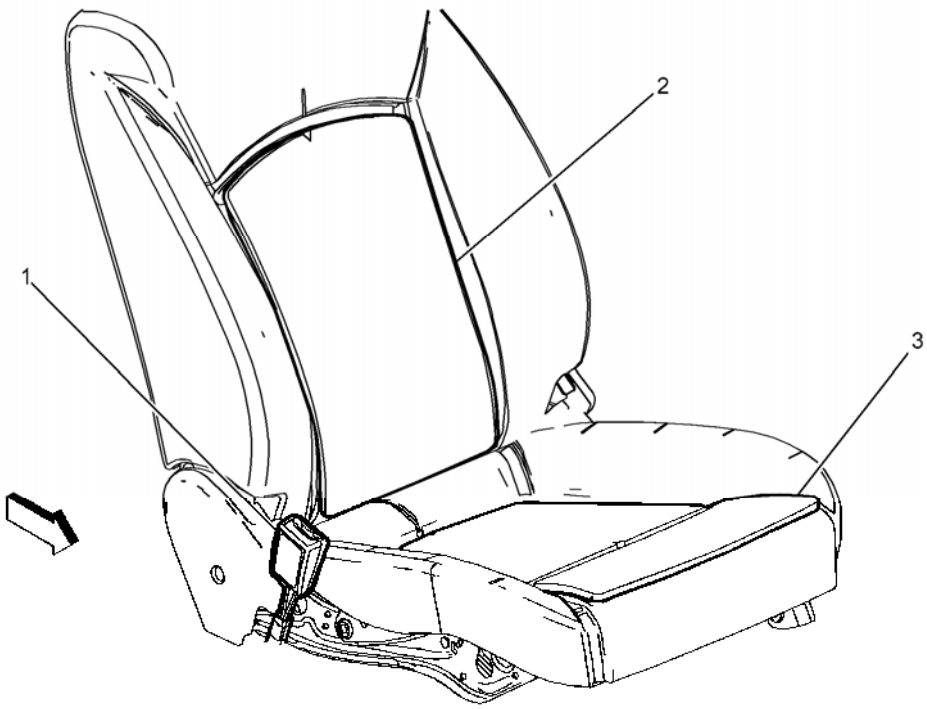


Fig. 5: Driver Seat Components (2 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B88D Seat Belt Switch - Driver **B88D Seat Belt Switch - Driver**
2: E14A Seat Heating Element - Driver Back (KA1) **E14A Seat Heating Element - Driver Back (KA1)**
3: E14B Seat Heating Element - Driver Cushion (KA1) **E14B Seat Heating Element - Driver Cushion (KA1)**

PASSENGER SEAT COMPONENTS (1 OF 2)

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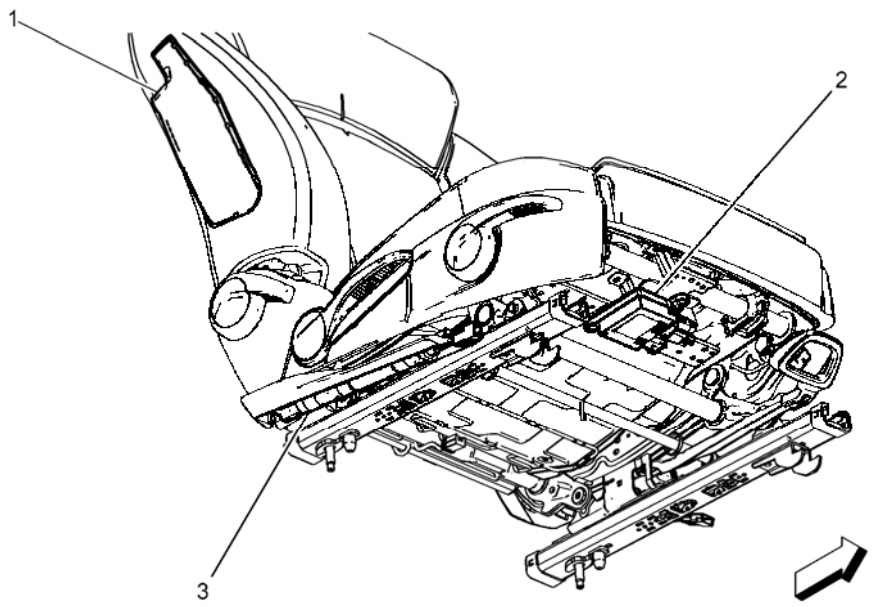


Fig. 6: Passenger Seat Components (1 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Items
1: F106P Seat Side Air Bag - Passenger **F106P Seat Air Bag - Passenger**
2: K85 Passenger Presence Module **K85 Passenger Presence Detection Module X1** **K85 Passenger Presence Detection Module X2**
3: F113P Seat Belt Anchor Pretensioner - Passenger **F113P Seat Belt Anchor Pretensioner - Passenger**

PASSENGER SEAT COMPONENTS (2 OF 2)

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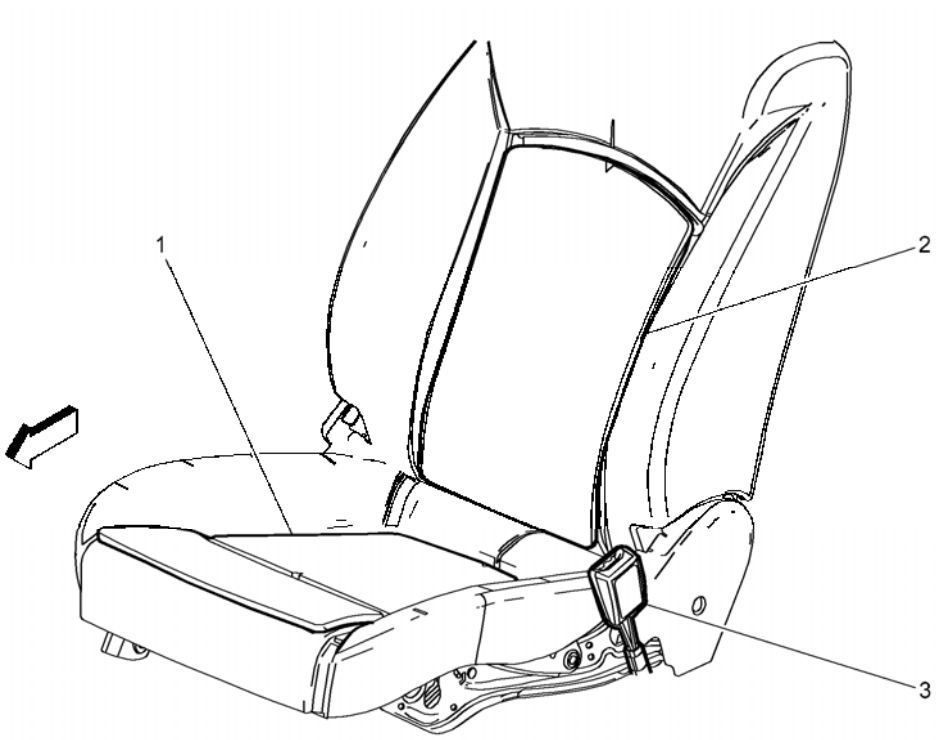


Fig. 7: Passenger Seat Components (2 Of 2)
Courtesy of GENERAL MOTORS COMPANY

Items
1: E14D Seat Heating Element - Passenger Cushion (KA1) **E14D Seat Heating Element - Passenger Cushion (KA1)**
2: E14C Seat Heating Element - Passenger Back (KA1) **E14C Seat Heating Element - Passenger Back (KA1)**
3: B88P Seat Belt Switch - Passenger **B88P Seat Belt Switch - Passenger**

REAR SEAT COMPONENTS

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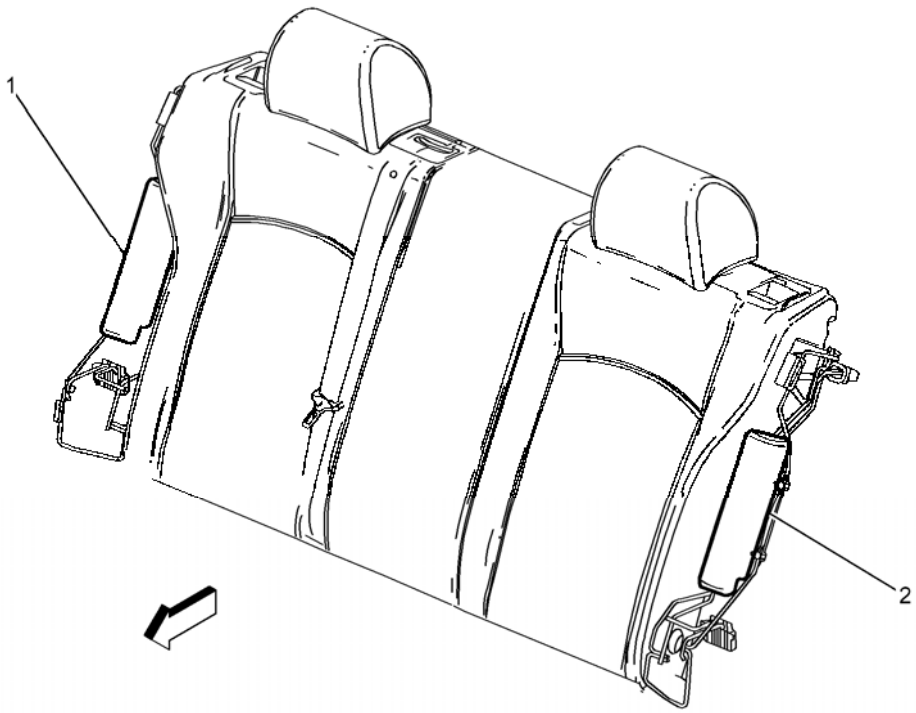


Fig. 8: Rear Seat Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: F106RR Seat Side Air Bag - Right Rear **F106RR Seat Air Bag - Right Rear**
2: F106LR Seat Side Air Bag - Left Rear **F106LR Seat Air Bag - Left Rear**

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Wiring Systems and Power Management - Component Locator - Powertrain Component Views - Cruze

POWERTRAIN COMPONENT VIEWS

TOP OF THE ENGINE COMPONENTS (LUW/LWE)

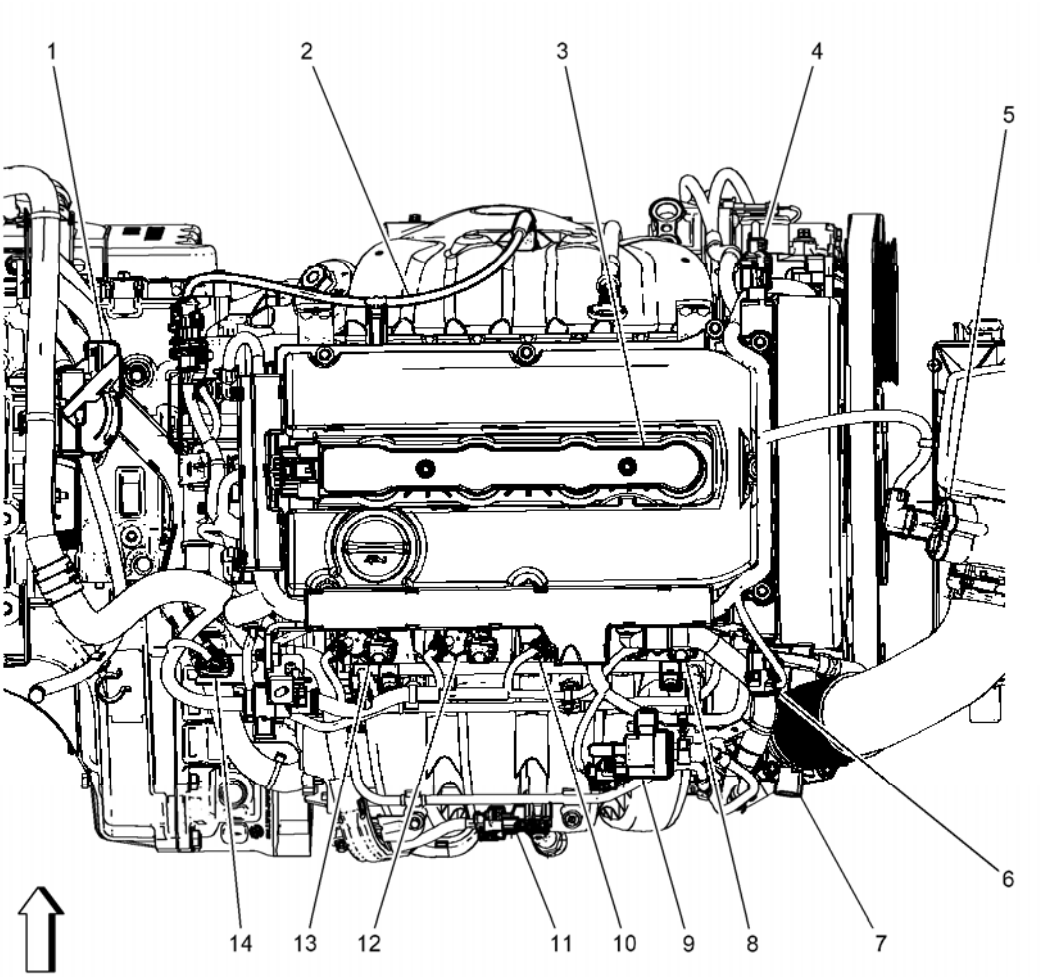


Fig. 1: Top Of Engine Components (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: K20 Engine Control Module **K20 Engine Control Module X1 (LUV)** **K20 Engine Control Module X1 (LUW/LWE)** **K20 Engine Control Module X2 (LUV)** **K20 Engine Control Module X2 (LUW/LWE)** **K20 Engine Control Module X3 (LUV)**
2: B52A Heated Oxygen Sensor 1 **B52A Heated Oxygen Sensor 1 (LUV)** **B52A Heated Oxygen Sensor 1 (LUW/LWE)**

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3: K35 Ignition Coil Module **K35 Ignition Coil Module**
4: Q6E Camshaft Position Actuator Solenoid Valve - Exhaust **Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)** **Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUW/LWE)**
5: B75C Multifunction Intake Air Sensor **B75C Multifunction Air Intake Sensor**
6: Q6F Camshaft Position Actuator Solenoid Valve - Intake **Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUV)** **Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)**
7: Q38 Throttle Body **Q38 Throttle Body**
8: Q17A Fuel Injector 1 **Q17A Fuel Injector 1 (LUV)** **Q17A Fuel Injector 1 (LUW/LWE)**
9: Q12 Evaporative Emission Purge Solenoid Valve **Q12 Evaporative Emission Purge Solenoid Valve (LUV)** **Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)**
10: Q17B Fuel Injector 2 **Q17B Fuel Injector 2 (LUV)** **Q17B Fuel Injector 2 (LUW/LWE)**
11: B74 Manifold Absolute Pressure Sensor **B74 Manifold Absolute Pressure Sensor (LUV)** **B74 Manifold Absolute Pressure Sensor (LUW/LWE)**
12: Q17C Fuel Injector 3 **Q17C Fuel Injector 3 (LUV)** **Q17C Fuel Injector 3 (LUW/LWE)**
13: Q17D Fuel Injector 4 **Q17D Fuel Injector 4 (LUV)** **Q17D Fuel Injector 4 (LUW/LWE)**
14: B26 Crankshaft Position Sensor **B26 Crankshaft Position Sensor (LUV)** **B26 Crankshaft Position Sensor (LUW/LWE)**

LEFT FRONT OF THE ENGINE COMPONENTS (LUW/LWE)

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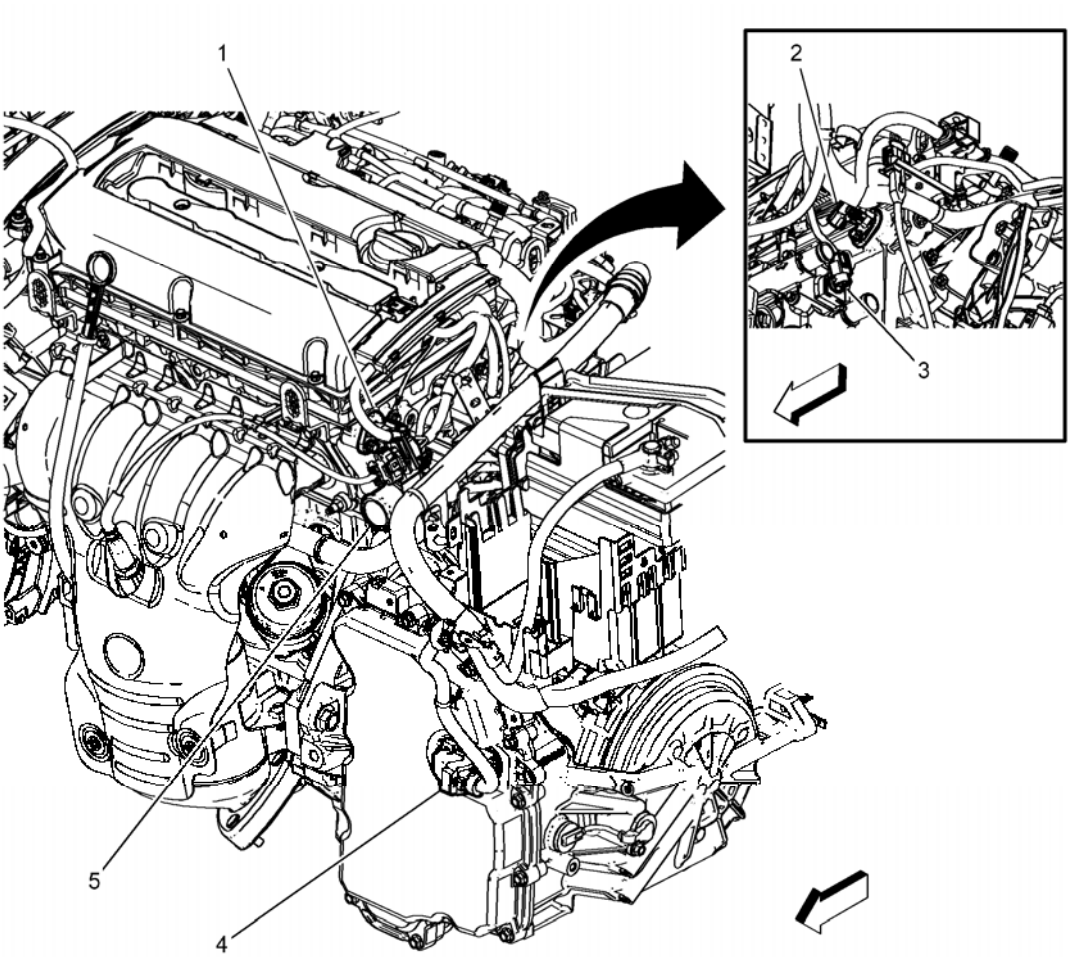


Fig. 2: Left Front Of Engine Components (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B23E Camshaft Position Sensor - Exhaust **B23E Camshaft Position Sensor - Exhaust (LUV)** **B23E Camshaft Position Sensor - Exhaust (LUW/LWE)**
2: B23F Camshaft Position Sensor - Intake **B23F Camshaft Position Sensor - Intake (LUV)** **B23F Camshaft Position Sensor - Intake (LUW/LWE)**
3: B34A Engine Coolant Temperature Sensor 1 **B34A Engine Coolant Temperature Sensor 1 (LUV)** **B34A Engine Coolant Temperature Sensor 1 (LUW/LWE)**
4: Q8 Control Solenoid Valve Assembly (MH8/MH9) **Q8 Control Solenoid Valve Assembly X1 (MH8)** **Q8 Control Solenoid Valve Assembly X2 (MH8)** **Q8 Control Solenoid Valve Assembly X3 (MH8)** **Q8 Control Solenoid Valve Assembly X4 (MH8)**
5: E41 Engine Coolant Thermostat Heater **E41 Engine Coolant Thermostat Heater (LUV)** **E41 Engine Coolant Thermostat Heater (LUW/LWE)**

RIGHT FRONT OF THE ENGINE COMPONENTS (LUW/LWE)

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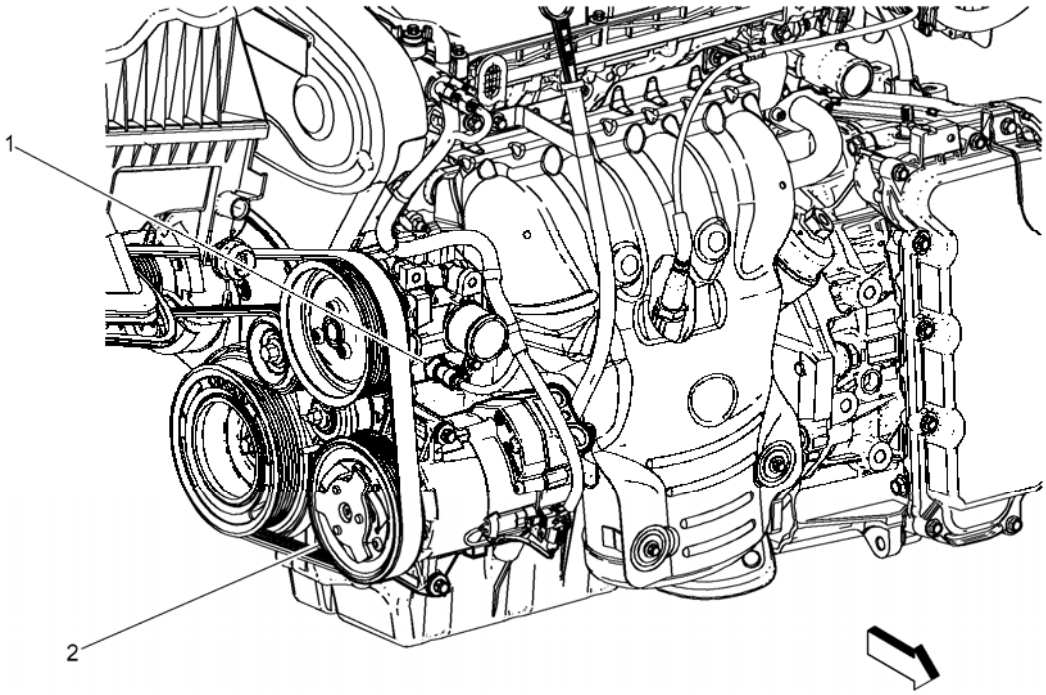


Fig. 3: Right Front Of Engine Components (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B37 Engine Oil Pressure Switch **B37 Engine Oil Pressure Switch**
2: Q46 A/C Compressor Solenoid Valve **Q46 A/C Compressor Solenoid Valve**

RIGHT REAR OF THE ENGINE COMPONENTS (LUW/LWE)

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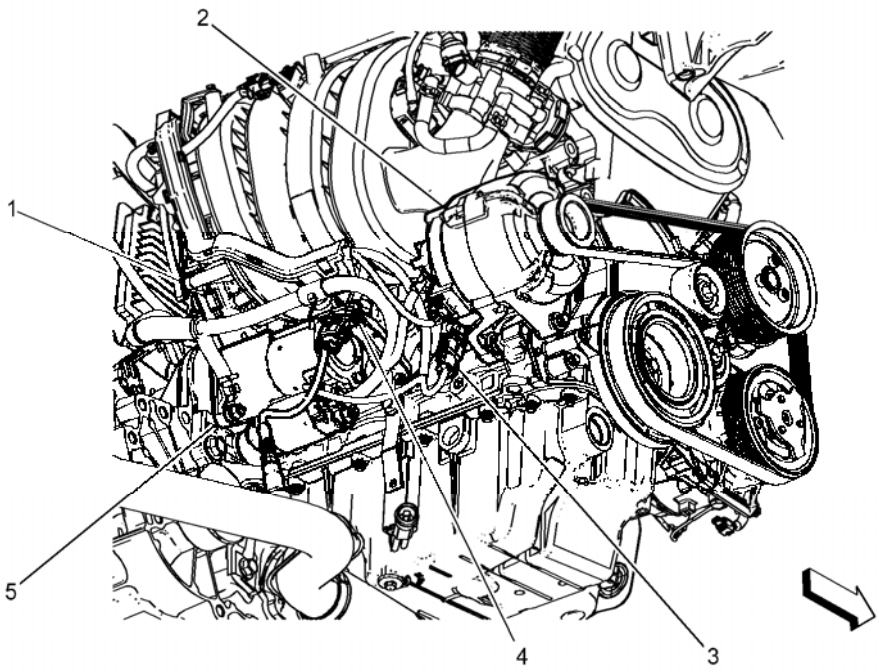


Fig. 4: Right Rear Of Engine Components (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE) **Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE)**
2: G13 Generator **G13 Generator X2**
3: B68 Knock Sensor **B68 Knock Sensor (LUV)** **B68 Knock Sensor (LUW/LWE)**
4: B52B Heated Oxygen Sensor 2 **B52B Heated Oxygen Sensor 2**
5: M64 Starter Motor

LEFT REAR OF THE ENGINE COMPONENTS (LUV)

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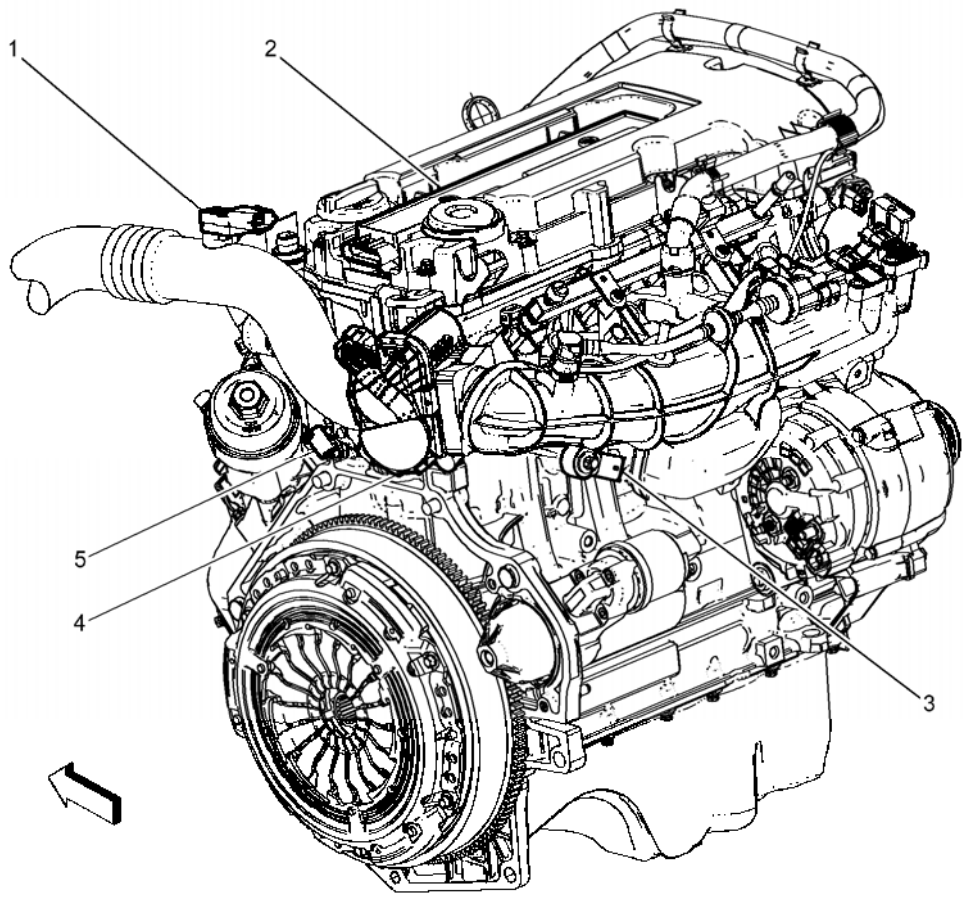


Fig. 5: Left Rear of the Engine Components (LUV)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B111B Turbocharger Boost/Intake Air Temperature Sensor (LUV) **B111B Turbocharger Boost/Intake Air Temperature (LUV)**
2: K35 Ignition Coil Module **K35 Ignition Coil Module**
3: B68 Knock Sensor **B68 Knock Sensor (LUV)** **B68 Knock Sensor (LUW/LWE)**
4: Q38 Throttle Body **Q38 Throttle Body**
5: B34A Engine Coolant Temperature Sensor 1 **B34A Engine Coolant Temperature Sensor 1 (LUV)** **B34A Engine Coolant Temperature Sensor 1 (LUW/LWE)**

RIGHT FRONT OF THE ENGINE COMPONENTS (LUV)

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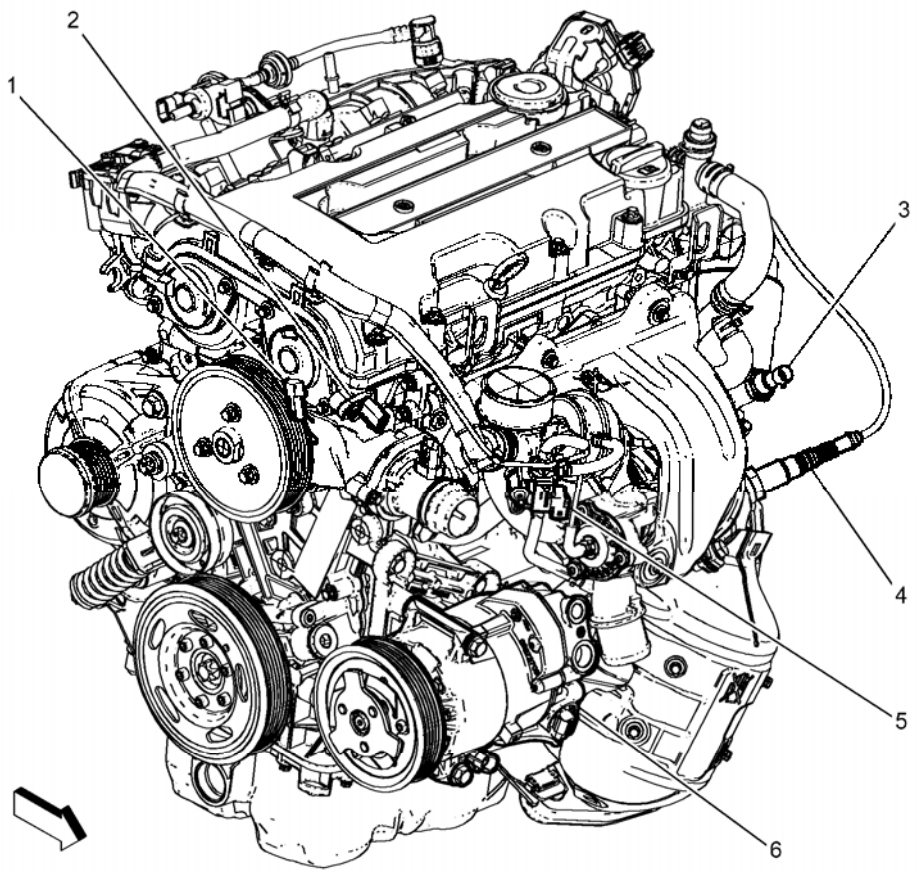


Fig. 6: Identifying Engine Components - Right Front (LUJ)
Courtesy of GENERAL MOTORS COMPANY

Items
1: Q6E Camshaft Position Actuator Solenoid Valve - Exhaust **Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)** **Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUW/LWE)**
2: B23E Camshaft Position Sensor - Exhaust **B23E Camshaft Position Sensor - Exhaust (LUV)** **B23E Camshaft Position Sensor - Exhaust (LUW/LWE)**
3: B37 Engine Oil Pressure Switch **B37 Engine Oil Pressure Switch**
4: B52A Heated Oxygen Sensor 1 **B52A Heated Oxygen Sensor 1 (LUV)** **B52A Heated Oxygen Sensor 1 (LUW/LWE)**
5: Q42 Turbocharger Wastegate Solenoid Valve (LUV) **Q42 Turbocharger Wastegate Solenoid Valve (LUV)**
6: Q46 A/C Compressor Solenoid Valve **Q46 A/C Compressor Solenoid Valve**

RIGHT REAR OF THE ENGINE COMPONENTS (LUV)

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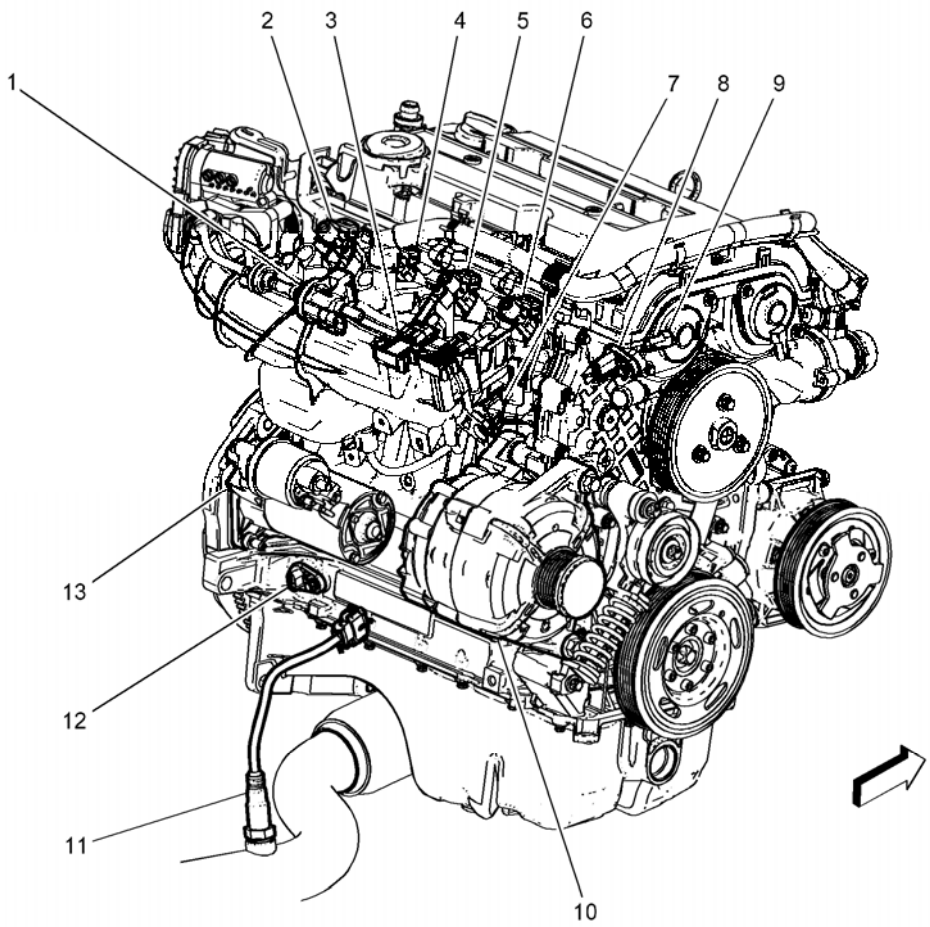


Fig. 7: Right Rear of the Engine Components (LUV)
Courtesy of GENERAL MOTORS COMPANY

Items
1: Q12 Evaporative Emission Purge Solenoid Valve **Q12 Evaporative Emission Purge Solenoid Valve (LUV)** **Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)**
2: Q17D Fuel Injector 4 **Q17D Fuel Injector 4 (LUV)** **Q17D Fuel Injector 4 (LUW/LWE)**
3: B74 Manifold Absolute Pressure Sensor **B74 Manifold Absolute Pressure Sensor (LUV)** **B74 Manifold Absolute Pressure Sensor (LUW/LWE)**
4: Q17C Fuel Injector 3 **Q17C Fuel Injector 3 (LUV)** **Q17C Fuel Injector 3 (LUW/LWE)**
5: Q17B Fuel Injector 2 **Q17B Fuel Injector 2 (LUV)** **Q17B Fuel Injector 2 (LUW/LWE)**
6: Q17A Fuel Injector 1 **Q17A Fuel Injector 1 (LUV)** **Q17A Fuel Injector 1 (LUW/LWE)**
7: Q42 Turbocharger Wastegate Solenoid Valve (LUV) **Q42 Turbocharger Wastegate Solenoid Valve (LUV)**
8: B23F Camshaft Position Sensor - Intake **B23F Camshaft Position Sensor - Intake (LUV)** **B23F Camshaft Position Sensor - Intake (LUW/LWE)**
9: Q6F Camshaft Position Actuator Solenoid Valve - Intake **Q6F Camshaft Position Actuator Solenoid**

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Valve - Intake (LUV) **Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)**
10: G13 Generator **G13 Generator X2**
11: B52B Heated Oxygen Sensor 2 **B52B Heated Oxygen Sensor 2**
12: B26 Crankshaft Position Sensor **B26 Crankshaft Position Sensor (LUV)** **B26 Crankshaft Position Sensor (LUW/LWE)**
13: M64 Starter Motor

TRANSMISSION COMPONENTS (MF3 OR MZ0)

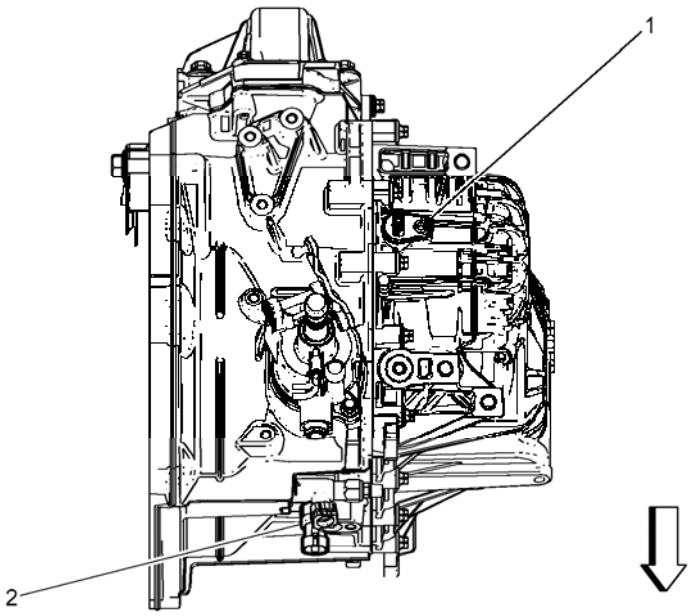


Fig. 8: Transmission Components (MF3 Or MZ0)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B115 Vehicle Speed Sensor (MF3 or MZ0) **B115 Vehicle Speed Sensor (MF3 or MZ0)**
2: B16 Backup Lamp Switch (MF3 or MZ0) **B16 Backup Lamp Switch (MF3 or MZ0)**

AUTOMATIC TRANSMISSION ELECTRONIC COMPONENTS (MH8)

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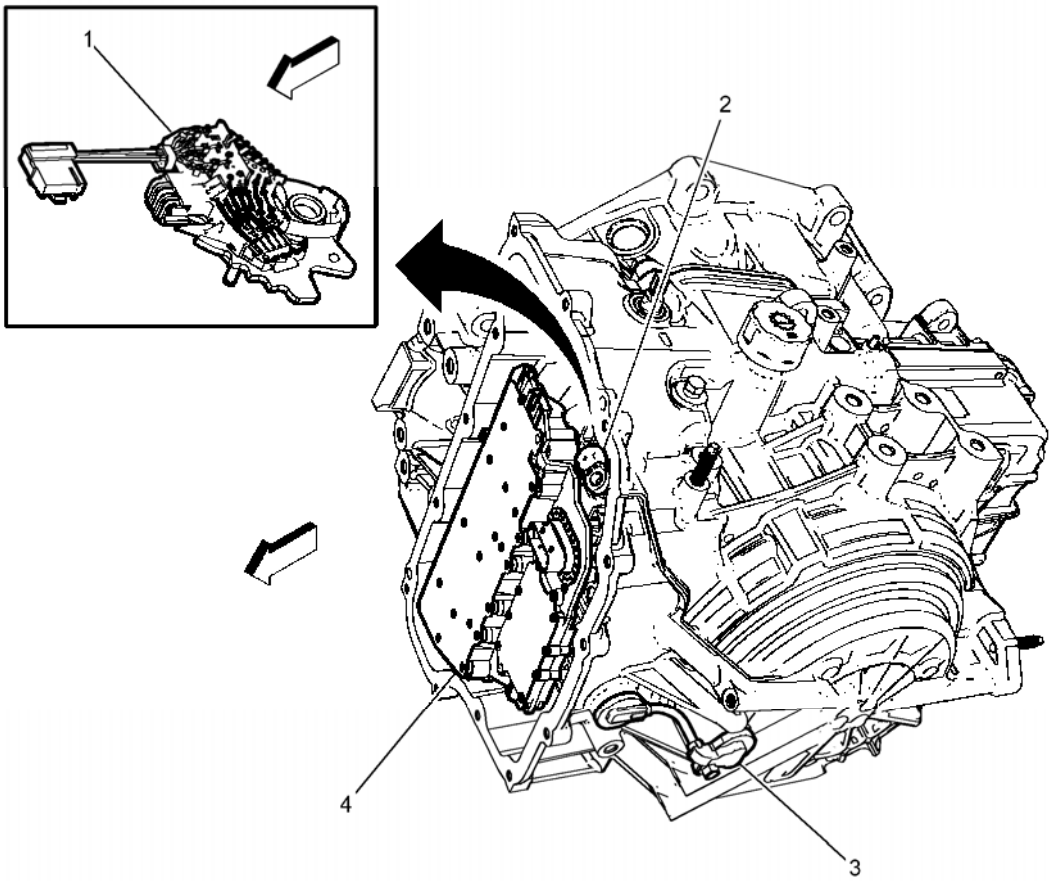


Fig. 9: Automatic Transmission Electronic Components (MH7, MH8 Or MH9)
Courtesy of GENERAL MOTORS COMPANY

Items
1: B15 Transmission Internal Mode Switch (MH8/MH9)
2: B14A Transmission Output Shaft Speed Sensor (MH8/MH9)
3: B14C Transmission Input Shaft Speed Sensor (MH8/MH9)
4: Q8 Control Solenoid Valve Assembly (MH8/MH9) **Q8 Control Solenoid Valve Assembly X1 (MH8) Q8 Control Solenoid Valve Assembly X2 (MH8) Q8 Control Solenoid Valve Assembly X3 (MH8) Q8 Control Solenoid Valve Assembly X4 (MH8)**

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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Wheels/Vehicle Underbody Component Views - Cruze

WHEELS/VEHICLE UNDERBODY COMPONENT VIEWS

UNDERBODY COMPONENTS

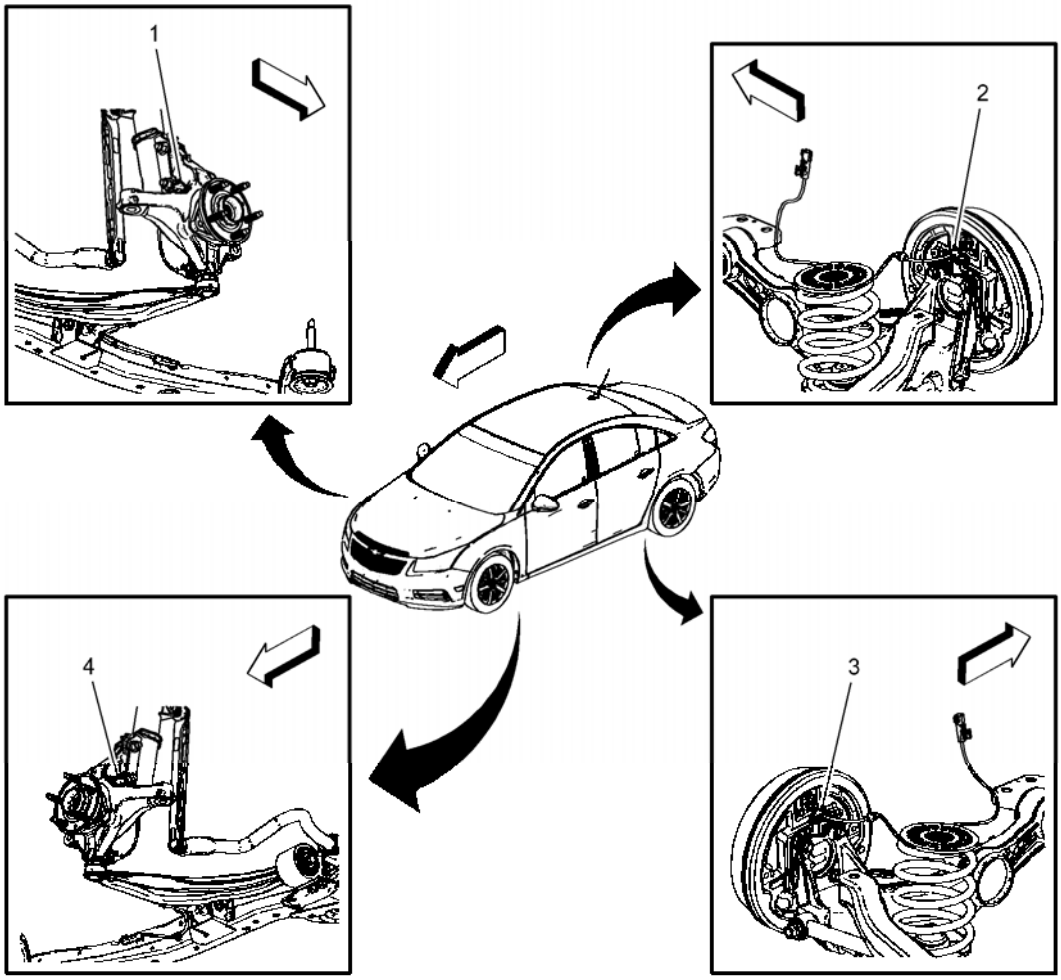


Fig. 1: Underbody Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: B5RF Wheel Speed Sensor - Right Front **B5RF Wheel Speed Sensor - Right Front**
2: B5RR Wheel Speed Sensor - Right Rear **B5RR Wheel Speed Sensor - Right Rear**
3: B5LR Wheel Speed Sensor - Left Rear **B5LR Wheel Speed Sensor - Left Rear**
4: B5LF Wheel Speed Sensor - Left Front **B5LF Wheel Speed Sensor - Left Front**

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FUEL TANK COMPONENTS

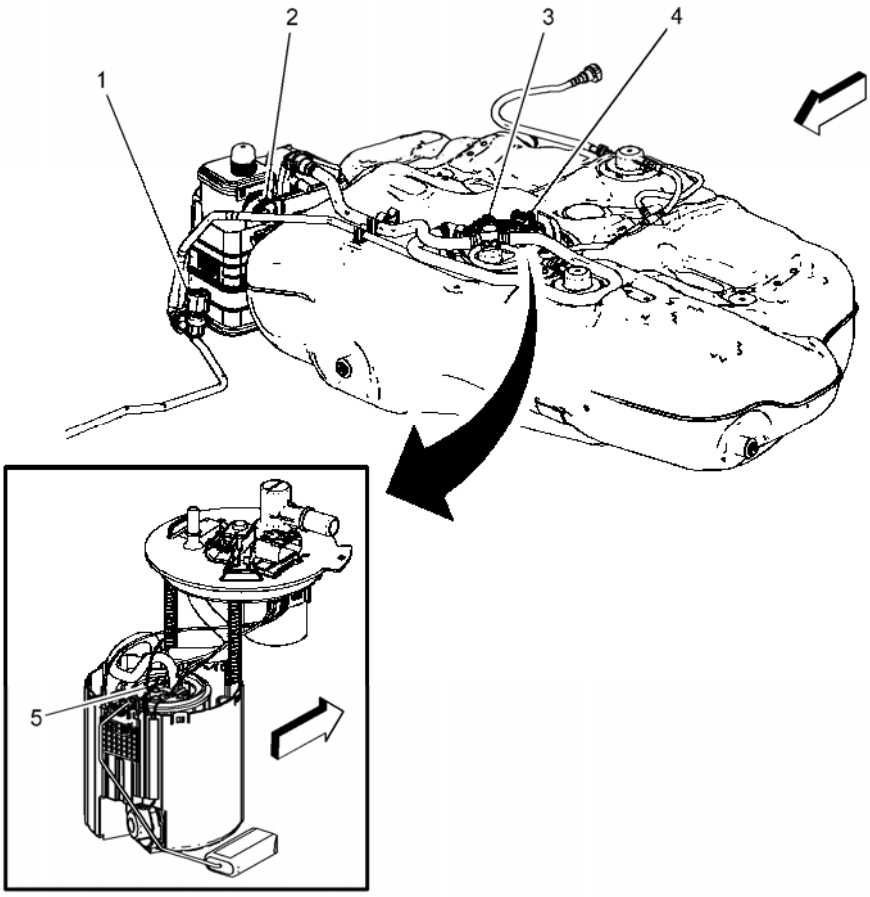


Fig. 2: Fuel Tank Components
Courtesy of GENERAL MOTORS COMPANY

Items
1: B47 Fuel Pressure Sensor **B47 Fuel Pressure Sensor**
2: Q13 Evaporative Emission Vent Solenoid Valve **Q13 Evaporative Emission Vent Solenoid Valve**
3: A7 Fuel Pump and Level Sensor Assembly **A7 Fuel Pump and Level Sensor Assembly**
4: B150 Fuel Tank Pressure Sensor **B150 Fuel Tank Pressure Sensor**
5: G12 Fuel Pump

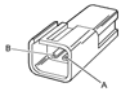
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2013 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

A3L SUNSHADE - LEFT (D61)



Connector Part Information

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

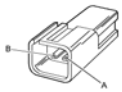
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575462	J-35616-3 (GY)	J-38125-12A	12047581	2	E	C

A3L Sunshade - Left (D61)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1	**A:** WH/BN	**A:** 6815	**A:** Inadvertent Power Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** 1550	**B:** Ground	**B:** I	**B:** -

A3R SUNSHADE - RIGHT (D6I)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12047663
- Service Connector: 13584278

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

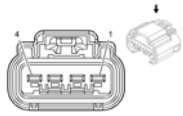
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575462	J-35616-3 (GY)	J-38125-12A	12047581	2	E	C

A3R Sunshade - Right (D6I)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1	**A:** WH/BN	**A:** 6815	**A:** Inadvertent Power Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** 1550	**B:** Ground	**B:** I	**B:** -

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 88988992
- Service Connector: 13585475
- Description: 4-Way F GT 280 Series, Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575392	J-35616-4A (PU)	J-38125-553	15304720	19	4	5
II	13576356	J-35616-4A (PU)	J-38125-553	15304719	19	E	5

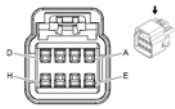
A7 Fuel Pump and Level Sensor Assembly

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** GY	**1:** 120	**1:** Fuel Pump Control	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** BK/D-GN	**2:** 1580	**2:** Low Reference	**2:** I	**2:** -
				3: Fuel Level Sensor Low		

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3: 3	**3:** 0.5	**3:** BK/D-GN	**3:** 6281	Reference	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/VT	**4:** 1589	**4:** Primary Fuel Level Sensor Signal	**4:** II	**4:** -

A9A OUTSIDE REARVIEW MIRROR - DRIVER



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15332145
- Service Connector: 15306407
- Description: 8-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

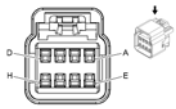
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

A9A Outside Rearview Mirror - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** YE/BN	**A:** 3391	**A:** Driver Mirror Motor Common Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** VT/D-BU	**B:** 3390	**B:** Driver Mirror Motor Up (+) Down (-) Control	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** BN/BK	**C:** 3389	**C:** Driver Mirror Motor Right (+) Left (-) Control	**C:** I	**C:** -
D-E	-	-	-	Not Occupied	-	-
F: F	**F:** 0.5	**F:** BN/YE	**F:** 2267	**F:** Mirror Heating Element Control	**F:** I	**F:** -
G: G	**G:** 0.5	**G:** BK	**G:** 1550	**G:** Ground	**G:** I	**G:** -
H	-	-	-	Not Occupied	-	-

A9B OUTSIDE REARVIEW MIRROR - PASSENGER

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 15332145
- Service Connector: 15306407
- Description: 8-Way F GT 150 Series (BK)

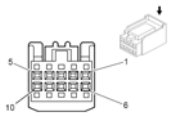
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

A9B Outside Rearview Mirror - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** WH	**A:** 3398	**A:** Co-Driver Mirror Motor Common Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** YE/VT	**B:** 3397	**B:** Co-Driver Mirror Motor Up (+) Down (-) Control	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** D-GN/BK	**C:** 3396	**C:** Co-Driver Mirror Motor Right (+) Left (-) Control	**C:** I	**C:** -
D-E	-	-	-	Not Occupied	-	-
F: F	**F:** 0.5	**F:** BN/YE	**F:** 2267	**F:** Mirror Heating Element Control	**F:** I	**F:** -
G: G	**G:** 0.5	**G:** BK	**G:** 2050	**G:** Ground	**G:** I	**G:** -
H	-	-	-	Not Occupied	-	-

A10 INSIDE REARVIEW MIRROR



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13641322
- Service Connector: 13577390

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- Description: 10-Way F Kaizen 0.64 Series (BK)

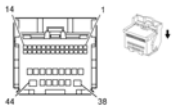
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575866	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

A10 Inside Rearview Mirror

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-GN/WH	**1:** 1324	**1:** Backup Lamp Control	**1:** I	**1:** DD8
2: 2	**2:** 0.5	**2:** VT/WH	**2:** 2839	**2:** Ignition Voltage	**2:** I	**2:** DD8
3: 3	**3:** 0.5	**3:** D-GN/WH	**3:** 2514	**3:** Keypad Signal	**3:** I	**3:** UE1
4: 4	**4:** 0.5	**4:** D-GN/BK	**4:** 2515	**4:** Keypad Control	**4:** I	**4:** UE1
5: 5	**5:** 0.5	**5:** BK	**5:** 1550	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** YE/VT	**6:** 2516	**6:** Keypad Green LED Signal	**6:** I	**6:** UE1
7: 7	**7:** 0.5	**7:** BN/WH	**7:** 2517	**7:** Keypad Red LED Signal	**7:** I	**7:** UE1
8-10	-	-	-	Not Occupied	-	-

A11 RADIO X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13589609
- Service Connector: 88988902
- Description: 44-Way F GT 150/280 64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575866	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P
II	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

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III	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	C	A
IV	13575753	J-35616-4A (PU)	J-38125-553	15304713	19	2	A

A11 Radio X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.35	**2:** YE	**2:** 7459	**2:** Integrated Center Stack Serial Data Low	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BARE	**3:** 7460	**3:** Integrated Center Stack Serial Data Shield	**3:** I	**3:** -
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** BK/YE	**6:** 659	**6:** Low Reference	**6:** I	**6:** UE1
7-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.35 **10:** 0.35	**10:** D-GN **10:** BN	**10:** 5841 **10:** 3378	**10:** Right Auxiliary Audio Signal (2) **10:** Right Auxiliary Audio Signal (3)	**10:** I	**10:** Without KTA **10:** KTA
11: 11	**11:** 0.35	**11:** L-BU	**11:** 2060	**11:** Auxiliary Detection Signal	**11:** I	**11:** Without KTA
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.35	**13:** GY/L-GN	**13:** 3291	**13:** Integrated Center Stack Wake Up Signal	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** L-GN	**14:** 5060	**14:** Low Speed GMLAN Serial Data	**14:** I	**14:** -
15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.35	**16:** VT	**16:** 7458	**16:** Center Integrated Center Stack Serial Data High	**16:** I	**16:** -
17: 17	**17:** 0.35	**17:** BARE	**17:** 5842	**17:** Auxiliary Audio Screen (2)	**17:** I	**17:** Without KTA
18-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** YE	**20:** 658	**20:** Cellular Telephone Voice Signal	**20:** I	**20:** UE1
21-22	-	-	-	Not Occupied	-	-
23: 23	**23:** 0.35 **23:** 0.35	**23:** VT **23:** D-GN	**23:** 5843 **23:** 3376	**23:** Auxiliary Audio Common Signal **23:** Auxiliary Audio Common Signal (3)	**23:** I	**23:** Without KTA **23:** KTA
24: 24	**24:** 0.35 **24:**	**24:** GY **24:** VT	**24:** 5839 **24:** 3377	**24:** Left Auxiliary Audio Signal (2) **24:** Left Auxiliary Audio	**24:** I	**24:** Without KTA **24:** KTA

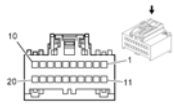
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	0.35			Signal (3)		
25-26	-	-	-	Not Occupied	-	-
27: 27	**27:** 0.35	**27:** VT	**27:** 3290	**27:** Integrated Center Stack Reset Signal	**27:** I	**27:** -
28	-	-	-	Not Occupied	-	-
29: 29	**29:** 0.35	**29:** BARE	**29:** 2011	**29:** Left Front Audio Drain Wire	**29:** II	**29:** KTA
30: 30	**30:** 0.35	**30:** BARE	**30:** 2099	**30:** Left Rear Audio Drain Wire	**30:** II	**30:** KTA
31: 31	**31:** 0.35 **31:** 0.75	**31:** L-BU/OG **31:** YE/BK	**31:** 1546 **31:** 117	**31:** Front Low Level Audio (-) **31:** Right Front Speaker Signal (-) (1)	**31:** II **31:** III	**31:** UQA **31:** Without UQA
32: 32	**32:** 0.35 **32:** 0.75	**32:** OG/D-BU **32:** BN/D-BU	**32:** 1947 **32:** 118	**32:** Left Front Low Level Audio (-) **32:** Left Front Speaker Signal (-) (1)	**32:** II **32:** III	**32:** UQA **32:** without UQA
33: 33	**33:** 0.35 **33:** 0.75	**33:** L-BU/BK **33:** D-BU/BK	**33:** 1946 **33:** 115	**33:** Right Rear Low Level Audio (-) **33:** Right Rear Speaker Signal (-)	**33:** II **33:** III	**33:** UQA **33:** Without UQA
34: 34	**34:** 0.3 **34:** 0.75	**34:** OG/VT **34:** D-GN/BK	**34:** 1999 **34:** 116	**34:** Left Rear Low Level Audio (-) **34:** Left Rear Speaker Signal (-)	**34:** II **34:** III	**34:** UQA **34:** Without UQA
35-36	-	-	-	Not Occupied	-	-
37: 37	**37:** 0.5	**37:** VT/D-BU	**37:** 6978	**37:** Amplifier Control	**37:** I **37:** II	**37:** UQA
38: 38	**38:** 1.5	**38:** BK	**38:** 1750	**38:** Ground	**38:** IV	**38:** -
39: 39	**39:** 0.35 **39:** 0.75	**39:** YE **39:** YE	**39:** 512 **39:** 200	**39:** Right Front Low Level Audio Signal **39:** Right Front Speaker (+) (1)	**39:** II **39:** III	**39:** UQA **39:** WIthout UQA
40: 40	**40:** 0.35 **40:** 0.75	**40:** D-BU **40:** D-BU	**40:** 511 **40:** 201	**40:** Left Front Low Level Audio Signal **40:** Left Front Speaker (+) (1)	**40:** II **40:** III	**40:** UQA **40:** Without UQA
41: 41	**41:** 0.35 **41:** 0.75	**41:** BN/WH **41:** WH	**41:** 546 **41:** 46	**41:** Right Rear Low Level Audio Signal **41:** Right Rear Speaker (+)	**41:** II **41:** III	**41:** UQA **41:** Without UQA
42: 42	**42:** 0.35 **42:** 0.75	**42:** L-GN/BK **42:** D-GN	**42:** 599 **42:** 199	**42:** Left Rear Low Level Audio Signal **42:** Left Rear Speaker (+)	**42:** II **42:** III	**42:** UQA **42:** Without UQA

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43: 43	**43:** 0.5 **43:** 0.35	**43:** D-GN/YE **43:** D-GN/YE	**43:** 7066 **43:** 7066	**43:** Entertainment Remote Enable Signal **43:** Entertainment Remote Enable Signal	**43:** II **43:** III	**43:** UYS **43:** UQA
44: 44	**44:** 1.5	**44:** RD/D-GN	**44:** 40	**44:** Battery Positive Voltage	**44:** IV	**44:** -

A11 RADIO X2 (UDN)



Connector Part Information

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

Terminal Part Information

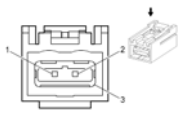
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575866	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

A11 Radio X2 (UDN)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** BK/GY	**6:** 5152	**6:** Low Reference	**6:** I	**6:** -
7-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** BN/L-GN	**10:** 3364	**10:** Navigation Display Reset Signal	**10:** I	**10:** -
11-13	-	-	-	Not Occupied	-	-
14: 14	**14:** 0.35	**14:** GY/VT	**14:** 3363	**14:** Navigation Display Dimming Control	**14:** I	**14:** -
15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5	**16:** GY/YE	**16:** 5149	**16:** Voice Recognition Audio Signal	**16:** I	**16:** -
17-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** GY	**20:** 1903	**20:** AAS Wheel Speed Sensor Signal Left Front	**20:** I	**20:** -

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A11 RADIO X3 (UEW)



Connector Part Information

- Harness Type: Instrument Panel TWINAX
- OEM Connector: 13649293
- Service Connector: Service by Cable Assembly - See Parts Catalog
- Description: 3-Way F Sealed (L-BU)

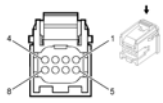
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Cable Assembly - See Parts Catalog	No Tool Required	No Tool Required

A11 Radio X3 (UEW)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1-3	**1:** -	**1:** TWINAX	**1:** -	**1:** Navigation Display Signal	**1:** I	**1:** -

A22 RADIO CONTROLS (UYC OR UYE)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15406142
- Service Connector: 13337949
- Description: 8-Way F Micro 64 Series (GY)

Terminal Part Information

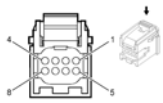
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582245	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

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A22 Radio Controls (UYC or UYE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/L-GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1650	**2:** Ground	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** L-GN/L-BU	**4:** 7532	**4:** Linear Interconnect Network Bus 10	**4:** I	**4:** -
5-8	-	-	-	Not Occupied	-	-

A22 RADIO CONTROLS (UEW)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15406142
- Service Connector: 13337949
- Description: 8-Way F Micro 64 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

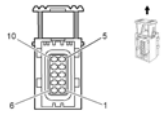
A22 Radio Controls (UEW)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/L-GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1750	**2:** Ground	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.35	**4:** VT	**4:** 7458	**4:** Center Integrated Center Stack Serial Data High	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** YE	**5:** 7459	**5:** Integrated Center Stack Serial Data Low	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** BARE	**6:** 7460	**6:** Integrated Center Stack Serial Data Shield	**6:** I	**6:** -

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7: 7	**7:** 0.35	**7:** GY/L-GN	**7:** 3291	**7:** Integrated Center Stack Wake Up Signal	**7:** I	**7:** -
8: 8	**8:** 0.35	**8:** VT	**8:** 3290	**8:** Integrated Center Stack Reset Signal	**8:** I	**8:** -

A23D DOOR LATCH ASSEMBLY - DRIVER



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 10768367
- Service Connector: 88952463
- Description: 10-Way F Sealed (BK)

Terminal Part Information

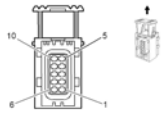
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575366	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

A23D Door Latch Assembly - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.75	**2:** BN/YE	**2:** 294	**2:** Door Lock Actuator Unlock Control	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** GY	**3:** 5911	**3:** Door Lock Actuator Lock Control 2	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH/VT	**4:** 3270	**4:** Driver Door Lock Motor Status Control	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** GY	**6:** 745	**6:** Left Front Door Ajar Switch Signal	**6:** I	**6:** -
7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.75	**8:** BK	**8:** 1550	**8:** Ground	**8:** I	**8:** -
9-10	-	-	-	Not Occupied	-	-

A23LR DOOR LATCH ASSEMBLY - LEFT REAR

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Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 10768367
- Service Connector: 88952463
- Description: 10-Way F Sealed (BK)

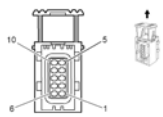
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575366	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

A23LR Door Latch Assembly - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.75	**2:** BN/YE	**2:** 294	**2:** Door Lock Actuator Unlock Control	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** GY	**3:** 295	**3:** Door Lock Actuator Lock Control	**3:** I	**3:** -
4: 4	**4:** 0.75	**4:** BN/YE	**4:** 294	**4:** Door Lock Actuator Unlock Control	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** GY	**6:** 747	**6:** Left Rear Door Ajar Switch Signal	**6:** I	**6:** -
7: 7	**7:** 0.75	**7:** WH/D-BU	**7:** 3266	**7:** Child Security Lock Motor Unlock Control	**7:** I	**7:** -
8: 8	**8:** 0.75	**8:** BK	**8:** 2350	**8:** Ground	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** BN/WH	**9:** 3269	**9:** Child Security Lock Motor Status Signal Left Rear	**9:** I	**9:** -
10	-	-	-	Not Occupied	-	-

A23P DOOR LATCH ASSEMBLY - PASSENGER



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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 10768367
- Service Connector: 88952463
- Description: 10-Way F Sealed (BK)

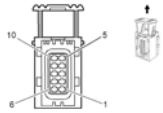
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575366	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

A23P Door Latch Assembly - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 746	**1:** Right Front Door Ajar Switch Signal	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.75	**3:** BK	**3:** 2050	**3:** Ground	**3:** I	**3:** -
4-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.75	**7:** BN/YE	**7:** 294	**7:** Door Lock Actuator Unlock Control	**7:** I	**7:** -
8: 8	**8:** 0.75	**8:** GY	**8:** 295	**8:** Door Lock Actuator Lock Control	**8:** I	**8:** -
9-10	-	-	-	Not Occupied	-	-

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 10768367
- Service Connector: 88952463
- Description: 10-Way F Sealed (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

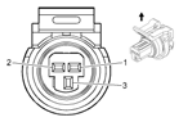
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	13575366	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

A23RR Door Latch Assembly - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 748	**1:** Right Rear Door Ajar Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** WH/D-BU	**2:** 3266	**2:** Child Security Lock Motor Unlock Control	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** BK	**3:** 2050	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/BK	**4:** 3268	**4:** Child Security Lock Motor Status Signal Right Rear	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.75	**7:** BN/YE	**7:** 294	**7:** Door Lock Actuator Unlock Control	**7:** I	**7:** -
8: 8	**8:** 0.75	**8:** GY	**8:** 295	**8:** Door Lock Actuator Lock Control	**8:** I	**8:** -
9: 9	**9:** 0.75	**9:** BN/YE	**9:** 294	**9:** Door Lock Actuator Unlock Control	**9:** I	**9:** -
10	-	-	-	Not Occupied	-	-

B1 A/C REFRIGERANT PRESSURE SENSOR



Connector Part Information

- Harness Type: Engine Cooling
- OEM Connector: 13532244
- Service Connector: 88988301
- Description: 3-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

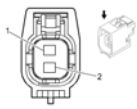
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575400	J-35616-2A (GY)	J-38125-553	15326267	19	E	4

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B1 A/C Refrigerant Pressure Sensor

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

B5LF WHEEL SPEED SENSOR - LEFT FRONT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13612509
- Service Connector: 13586115
- Description: 2-Way F GT 150 Series, Sealed (BK)

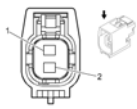
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B5LF Wheel Speed Sensor - Left Front

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

B5LR WHEEL SPEED SENSOR - LEFT REAR



Connector Part Information

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- Harness Type: Body Harness
- OEM Connector: 13612509
- Service Connector: 13586115
- Description: 2-Way F GT 150 Series, Sealed (BK)

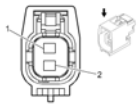
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B5LR Wheel Speed Sensor - Left Rear

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

B5RF WHEEL SPEED SENSOR - RIGHT FRONT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13612509
- Service Connector: 13586115
- Description: 2-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

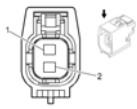
B5RF Wheel Speed Sensor - Right Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** GY/BN	**1:** 7065	**1:** Wheel Speed Sensor Control Right Front	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 872	**2:** Wheel Speed Sensor Signal Right Front	**2:** I	**2:** -

B5RR WHEEL SPEED SENSOR - RIGHT REAR



Connector Part Information

- Harness Type: Body Harness
- OEM Connector: 13612509
- Service Connector: 13586115
- Description: 2-Way F GT 150 Series, Sealed (BK)

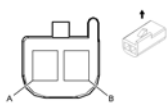
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B5RR Wheel Speed Sensor - Right Rear

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

B7D AIR TEMPERATURE SENSOR - DUCT LEFT LOWER (C68)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: 12085535

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

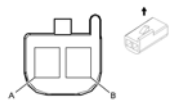
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-14 (GN)	J-38125-12A	15326030	2	E	C

B7D Air Temperature Sensor - Duct Left Lower (C68)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** D-BU	**A:** 404	**A:** Lower Air Temperature Sensor Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** 407	**B:** Sensor Low Reference	**B:** I	**B:** -

B7H AIR TEMPERATURE SENSOR - DUCT LEFT UPPER (C68)



Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-14 (GN)	J-38125-12A	15326030	2	E	C

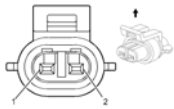
B7H Air Temperature Sensor - Duct Left Upper (C68)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** BK/GY	**A:** BK/GY	**A:** 516	**A:** Upper Left Air Temperature Sensor Signal	**A:** I	**A:** -

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B: B	**B:** BK	**B:** BK	**B:** 720	**B:** Sensor Low Reference	**B:** I	**B:** -

B9 AMBIENT AIR TEMPERATURE SENSOR



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15336195
- Service Connector: 88988136
- Description: 2-Way F GT 150 Series, Sealed (BK)

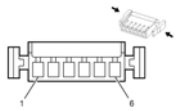
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575414	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B9 Ambient Air Temperature Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/GY	**1:** 636	**1:** Outside Ambient Air Temperature Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/D-BU	**2:** 61	**2:** Outside Ambient Temperature Sensor Low Reference	**2:** I	**2:** -

B10B AMBIENT LIGHT/SUNLOAD SENSOR



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13726957
- Service Connector: 13576539
- Description: 6-Way F 0.64 Micro Quadlok Series (BK)

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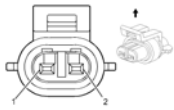
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

B10B Ambient Light/Sunload Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** GY	**1:** 728	**1:** Security Indicator Control	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** GY	**2:** 590	**2:** Solar Sensor Driver Signal	**2:** I	**2:** C68
3: 3	**3:** 0.35	**3:** D-BU/WH	**3:** 734	**3:** Inside Air Temperature Sensor Signal	**3:** I	**3:** C68
4: 4	**4:** 0.35	**4:** D-BU	**4:** 1120	**4:** Solar Sensor Pulsed Supply Voltage	**4:** I	**4:** C68
5: 5	**5:** 0.35	**5:** WH/L-BU	**5:** 278	**5:** Ambient Light Sensor Signal	**5:** I	**5:** -
6: 6	**6:** 0.35 **6:** 0.35	**6:** BK/L-BU **6:** BK	**6:** 7566 **6:** 1650	**6:** Humidity/Windscreen Temp Sensor Low Reference **6:** Ground	**6:** I	**6:** C68 **6:** Without C68

B16 BACKUP LAMP SWITCH (MF3 OR MZ0)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 90565978
- Service Connector: 88988136
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575414	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

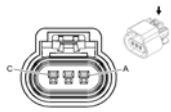
B16 Backup Lamp Switch (MF3 or MZ0)

Pin	Size	Color	Circuit	Function	Terminal Type	Option

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					ID	
1: 1	**1:** 0.5	**1:** GN/WH	**1:** 5007	**1:** Engine Reverse Gear Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 150	**2:** Ground	**2:** I	**2:** -

B18 BATTERY CURRENT SENSOR



Connector Part Information

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

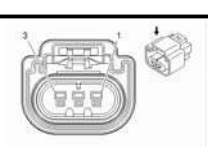
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578912	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B18 Battery Current Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** D-BU/VT	**A:** 5076	**A:** Current Sensor Supply Voltage	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK/VT	**B:** 5077	**B:** Current Sensor Low Reference	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** WH/YE	**C:** 5075	**C:** Current Sensor Signal	**C:** I	**C:** -

B19B BRAKE BOOSTER VACUUM SENSOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 13511996

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- Service Connector: Pending
- Description: 3-Way F 150 GT Series, Sealed (GY)

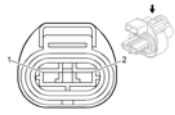
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Pending	Pending

B19B Brake Booster Vacuum Sensor

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

B20 BRAKE FLUID LEVEL SWITCH



Connector Part Information

- Harness Type: Body
- OEM Connector: 13548106
- Service Connector: 13314083
- Description: 2-Way F 1.2 Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578874	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

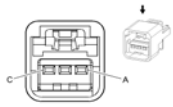
B20 Brake Fluid Level Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 333	**1:** Brake Fluid Level Sensor Signal	**1:** I	**1:** -

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2: 2	**2:** 0.5	**2:** BK	**2:** 1550	**2:** Ground	**2:** I	**2:** -

B22 BRAKE PEDAL POSITION SENSOR (MF3 OR MZ0)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15332132
- Service Connector: 88953364
- Description: 3-Way F GT 150 Series (BK)

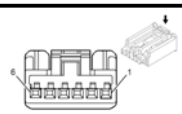
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

B22 Brake Pedal Position Sensor (MF3 or MZ0)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BK/BN	**A:** 5360	**A:** Brake Apply Sensor Low Reference	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** D-BU/YE	**B:** 5361	**B:** Brake Apply Sensor Signal	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** WH	**C:** 5359	**C:** Brake Apply Sensor Supply Voltage	**C:** I	**C:** -

B22 BRAKE PEDAL POSITION SENSOR (MH8)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F AIT II Series (BK)

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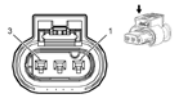
Terminal Part Information

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

B22 Brake Pedal Position Sensor (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 5359	**1:** Brake Apply Sensor Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/BN	**2:** 5360	**2:** Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU/YE	**3:** 5361	**3:** Brake Apply Sensor Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/YE	**4:** 5361	**4:** Brake Apply Sensor Signal	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** WH	**5:** 5359	**5:** Brake Apply Sensor Supply Voltage	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK/BN	**6:** 5360	**6:** Low Reference	**6:** I	**6:** -

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13276381
- Service Connector: 13337975
- Description: 3-Way F MLK 1.2 Series, Sealed (BK)

Terminal Part Information

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

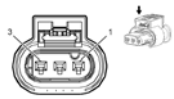
B23E Camshaft Position Sensor - Exhaust (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** GY/YE	**1:** 6457	**1:** Camshaft CAM X Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/GY	**2:** 6267	**2:** Camshaft CAM X Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/BK	**3:** 6264	**3:** Camshaft CAM X Signal	**3:** I	**3:** -

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13276381
- Service Connector: 13337975
- Description: 3-Way F MLK 1.2 Series, Sealed (BK)

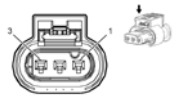
Terminal Part Information

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

B23E Camshaft Position Sensor - Exhaust (LUW/LWE)

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

B23F CAMSHAFT POSITION SENSOR - INTAKE (LUV)



Connector Part Information

- Harness Type: Engine

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- OEM Connector: 13276381
- Service Connector: 13337975
- Description: 3-Way F MLK 1.2 Series, Sealed (BK)

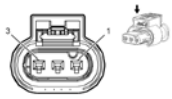
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575575	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J

B23F Camshaft Position Sensor - Intake (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY/D-BU	**1:** 5300	**1:** Camshaft Position Intake Sensor Supply Voltage (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/D-GN	**2:** 5301	**2:** Camshaft Position Intake Sensor Low Reference (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/VT	**3:** 5275	**3:** Camshaft Position Intake Sensor (1)	**3:** I	**3:** -

B23F CAMSHAFT POSITION SENSOR - INTAKE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13276380
- Service Connector: 13581087
- Description: 3-Way F, Sealed (BK)

Terminal Part Information

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

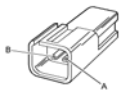
B23F Camshaft Position Sensor - Intake (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** GY/D-BU	**1:** 5300	**1:** Camshaft Position Intake Sensor Supply Voltage (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/L-GN	**2:** 5301	**2:** Camshaft Position Intake Sensor Low Reference (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/VT	**3:** 5275	**3:** Camshaft Position Intake Sensor (1)	**3:** I	**3:** -

B24 CELLULAR PHONE MICROPHONE (UE1)



Connector Part Information

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

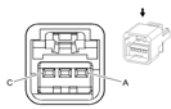
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575462	J-35616-3 (GY)	J-38125-12A	12047581	2	E	C

B24 Cellular Phone Microphone (UE1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BARE	**A:** 5193	**A:** Microphone Low Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** YE	**B:** 5191	**B:** Microphone High Signal	**B:** I	**B:** -

B25B CLUTCH PEDAL POSITION SENSOR (MF3 OR MZ0)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15332132
- Service Connector: 88953364

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

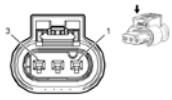
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

B25B Clutch Pedal Position Sensor (MF3 or MZ0)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BK/GY	**A:** 6110	**A:** Clutch Apply Sensor Low Reference	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** YE	**B:** 6111	**B:** Clutch Apply Sensor Signal	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** GY/RD	**C:** 6109	**C:** Clutch Apply Sensor Voltage Reference	**C:** I	**C:** -

B26 CRANKSHAFT POSITION SENSOR (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564249
- Service Connector: 13574937
- Description: 3-Way F MLK 1.2 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J

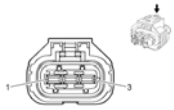
B26 Crankshaft Position Sensor (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/L-BU	**1:** 6270	**1:** Crankshaft 60X Sensor Voltage	**1:** I	**1:** -

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2: 2	**2:** 0.5	**2:** BK/VT	**2:** 6272	**2:** Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** L-GN	**3:** 6271	**3:** Crankshaft 60X Sensor Signal	**3:** I	**3:** -

B26 CRANKSHAFT POSITION SENSOR (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13140564
- Service Connector: 13585845
- Description: 3-Way F (BK)

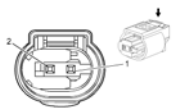
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575415	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

B26 Crankshaft Position Sensor (LUW/LWE)

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

B34A ENGINE COOLANT TEMPERATURE SENSOR 1 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 24461693
- Service Connector: 13576533

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- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

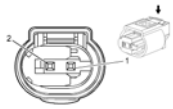
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576394	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	7	7

B34A Engine Coolant Temperature Sensor 1 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-BU	**1:** 410	**1:** Engine Coolant Temperature Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BK/BU	**2:** 2761	**2:** Coolant Temperature Sensor Low Reference	**2:** I	**2:** -

B34A ENGINE COOLANT TEMPERATURE SENSOR 1 (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 24461693
- Service Connector: 13576533
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

Terminal Part Information

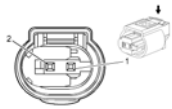
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576394	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	6	6

B34A Engine Coolant Temperature Sensor 1 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/VT	**1:** 2032	**1:** Coolant Temperature Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/BN	**2:** 2761	**2:** Coolant Temperature Sensor Low Reference	**2:** I	**2:** -

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B34B ENGINE COOLANT TEMPERATURE SENSOR 2



Connector Part Information

- Harness Type: Engine Cooling
- OEM Connector: 15365708
- Service Connector: 13576533
- Description: 2-Way F MQS Series, Sealed (BK)

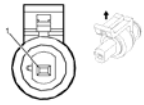
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	15376394	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	6	6

B34B Engine Coolant Temperature Sensor 2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/D-BU	**1:** 6813	**1:** Coolant Temperature Sensor 2 Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/VT	**2:** 2032	**2:** Coolant Temperature Sensor Signal	**2:** I	**2:** -

B37 ENGINE OIL PRESSURE SWITCH



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566738
- Service Connector: 13355789
- Description: 1-Way F DCS2 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

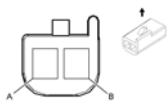
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			Tool				
I	13575400	J-35616-2A (GY)	J-38125-553	15326267	19	E	4

B37 Engine Oil Pressure Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE/BU	**1:** 231	**1:** Oil Pressure Switch Signal	**1:** I	**1:** -

B39 A/C EVAPORATOR TEMPERATURE SENSOR



Connector Part Information

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

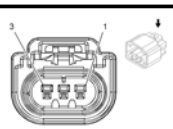
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-14 (GN)	J-38125-12A	15326030	2	E	C

B39 A/C Evaporator Temperature Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** BK/GY	**A:** BK/GY	**A:** 6137	**A:** EVAP Core Temperature Sensor Signal	**A:** I	**A:** -
B: B	**B:** BK	**B:** BK	**B:** 720	**B:** Sensor Low Reference	**B:** I	**B:** -

B47 FUEL PRESSURE SENSOR



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Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 19115173
- Service Connector: 19168035
- Description: 3-Way F GT 150 Series Sealed (BK)

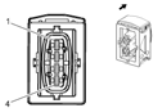
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B47 Fuel Pressure Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/BN	**1:** 7446	**1:** Fuel Line Pressure Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/YE	**2:** 7447	**2:** Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/RD	**3:** 7445	**3:** 5-Volt Reference	**3:** I	**3:** -

B52A HEATED OXYGEN SENSOR 1 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13140566
- Service Connector: 13355749
- Description: 4-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

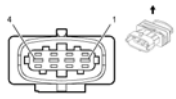
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

B52A Heated Oxygen Sensor 1 (LUV)

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** RD/WH	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** GY/WH	**2:** 3113	**2:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK/GN	**3:** 1664	**3:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (1)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GN	**4:** 1665	**4:** Heated Oxygen Sensor High Signal Bank 1 Sensor (1)	**4:** I	**4:** -

B52A HEATED OXYGEN SENSOR 1 (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13122327
- Service Connector: 88952839
- Description: 4-Way M 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582181	J-35616-5 (PU)	J-38125-36	1-962915-3	15	E	1

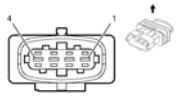
B52A Heated Oxygen Sensor 1 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** VT/BU	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** GY/WH	**2:** 3113	**2:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/BN	**3:** 1664	**3:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (1)	**3:** I	**3:** -

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4: 4	**4:** 0.5	**4:** GN	**4:** 1665	**4:** Heated Oxygen Sensor High Signal Bank 1 Sensor (1)	**4:** I	**4:** -

B52B HEATED OXYGEN SENSOR 2



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13122327
- Service Connector: 88952839
- Description: 4-Way M 2.8 Series, Sealed (BK)

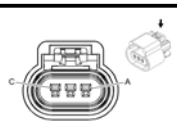
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575350	J-35616-5 (PU)	J-38125-36	1-962915-3	15	E	1

B52B Heated Oxygen Sensor 2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** VT/BU	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** L-GN/VT	**2:** 1423	**2:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (2)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/WH	**3:** 1669	**3:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (2)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** L-GN	**4:** 1668	**4:** Heated Oxygen Sensor High Signal Bank 1 Sensor (2)	**4:** I	**4:** -

B55 HOOD AJAR SWITCH



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Connector Part Information

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

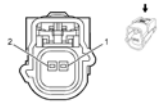
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B55 Hood Ajar Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	-	-	Not Occupied	-	-
B: B	**B:** 0.5	**B:** BN/D-GN	**B:** 109	**B:** Hood Ajar Switch Signal	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** BK	**C:** 1350	**C:** Ground	**C:** I	**C:** -

B59L FRONT IMPACT SENSOR - LEFT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

Terminal Part Information

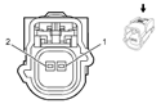
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

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B59L Front Impact Sensor - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/YE	**1:** 354	**1:** Left Front Discriminating Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 5045	**2:** Left Front Discriminating Sensor Low Reference	**2:** I	**2:** -

B59R FRONT IMPACT SENSOR - RIGHT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

Terminal Part Information

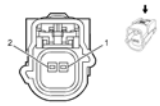
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

B59R Front Impact Sensor - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-GN	**1:** 1409	**1:** Right Front Discriminating Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 5600	**2:** Right Front Discriminating Sensor Low Reference	**2:** I	**2:** -

B63LF SIDE IMPACT SENSOR - LEFT FRONT

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

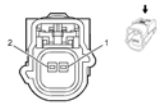
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

B63LF Side Impact Sensor - Left Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-GN	**1:** 2132	**1:** Left Front Side Impact Sensing Module Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 6628	**2:** Left Front Side Impact Sensing Module Low Reference	**2:** I	**2:** -

B63LR SIDE IMPACT SENSOR - LEFT REAR



Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

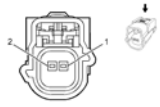
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

B63LR Side Impact Sensor - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-BU	**1:** 6620	**1:** Left Middle Side Impact Sensing Module Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 6621	**2:** Left Middle Side Impact Sensing Module Low Reference	**2:** I	**2:** -

B63RF SIDE IMPACT SENSOR - RIGHT FRONT



Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

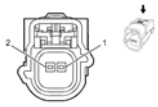
B63RF Side Impact Sensor - Right Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/OG	**1:** 2134	**1:** Right Front Side Impact Sensing Module Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 6629	**2:** Right Front Side Impact Sensing Module Low	**2:** I	**2:** -

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				Reference		

B63RR SIDE IMPACT SENSOR - RIGHT REAR



Connector Part Information

- Harness Type: Body
- OEM Connector: 13610095
- Service Connector: 13585852
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

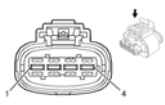
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13314084	J-35616-64B (L-BU)	N/A	N	A	N	A

B63RR Side Impact Sensor - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/VT	**1:** 6624	**1:** Right Middle Side Impact Sensing Module Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 6625	**2:** Right Middle Side Impact Sensing Module Low Reference	**2:** I	**2:** -

B111B TURBOCHARGER BOOST/INTAKE AIR TEMPERATURE (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13343439
- Service Connector: 13384362

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- Description: 4-Way F (BK)

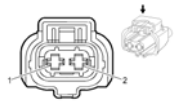
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576381	J-35616-35 (VT)	J-38125-561	1928498056	8	E	1

B111B Turbocharger Boost/Intake Air Temperature (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/D-GN	**1:** 7332	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 7329	**2:** Pre-Throttle Air Temp and Press (TMAP) Temperature Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/RD	**3:** 7331	**3:** 5 Volt Reference	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-GN	**4:** 7330	**4:** Pre Throttle Air Temp and Press (TMAP) Air Pressure Signal	**4:** I	**4:** -

B68 KNOCK SENSOR (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565696
- Service Connector: 13355785
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575575	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J

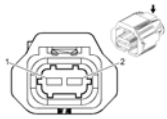
B68 Knock Sensor (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** VT/GY	**1:** 496	**1:** Knock Sensor Signal (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/YE	**2:** 1716	**2:** Knock Sensor Signal (2)	**2:** I	**2:** -

B68 KNOCK SENSOR (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13140563
- Service Connector: 13581088
- Description: 2-Way F 2.8 Timer Series, Sealed (NA)

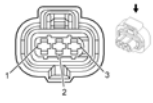
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

B68 Knock Sensor (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/GY	**1:** 496	**1:** Knock Sensor Signal (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/YE	**2:** 1716	**2:** Knock Sensor Signal (2)	**2:** I	**2:** -

B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566734
- Service Connector: 13355788
- Description: 3-Way F, Sealed (BK)

Terminal Part Information

			Terminal				

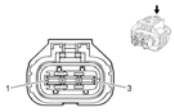
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

B74 Manifold Absolute Pressure Sensor (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/RD	**1:** 2704	**1:** 5 Volt Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/L-GN	**2:** 469	**2:** Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** L-GN/WH	**3:** 432	**3:** Manifold Absolute Pressure Sensor Signal	**3:** I	**3:** -

B74 MANIFOLD ABSOLUTE PRESSURE SENSOR (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13140564
- Service Connector: 13585845
- Description: 3-Way F, Sealed (BK)

Terminal Part Information

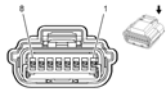
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

B74 Manifold Absolute Pressure Sensor (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY/RD	**1:** 2704	**1:** Manifold Absolute Pressure Sensor 5 Volt Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/L-GN	**2:** 469	**2:** Manifold Absolute Pressure Sensor Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** L-GN/WH	**3:** 432	**3:** Manifold Absolute Pressure Sensor Signal	**3:** I	**3:** -

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B75C MULTIFUNCTION AIR INTAKE SENSOR



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13504800
- Service Connector: 13583440
- Description: 8-Way F 064 Series, Sealed (BK)

Terminal Part Information

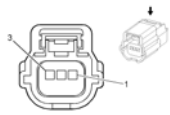
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

B75C Multifunction Air Intake Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/GY	**1:** 4008	**1:** Humidity Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5 **2:** 0.5	**2:** WH/RD **2:** WH/YE	**2:** 3201 **2:** 3202	**2:** Throttle Inlet Absolute Pressure Sensor 5 Volt Reference **2:** Throttle Inlet Absolute Pressure Sensor 5 Volt Reference	**2:** I	**2:** LUV **2:** LUW/LWE
3: 3	**3:** 0.5	**3:** GN/WH	**3:** 492	**3:** Mass Air Flow Sensor Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 150	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.75	**5:** VT/BU	**5:** 5294	**5:** Powertrain Main Relay Fused Supply (5)	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** YE/WH	**6:** 3200	**6:** Throttle Inlet Absolute Pressure Sensor Signal	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK/VT	**7:** 2760	**7:** Intake Air Temperature Sensor Low Reference	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** BN/VT	**8:** 472	**8:** Induction Air Temperature Sensor Signal	**8:** I	**8:** -

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B78E REAR OBJECT SENSOR - LEFT MIDDLE (UD7)



Connector Part Information

- Harness Type: Rear Object Sensor
- OEM Connector: 31404-3700
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

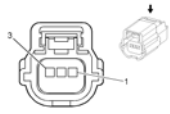
Terminal Part Information

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

B78E Rear Object Sensor - Left Middle (UD7)

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

B78F REAR OBJECT SENSOR - RIGHT MIDDLE (UD7)



Connector Part Information

- Harness Type: Rear Object Sensor
- OEM Connector: 31404-3700
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

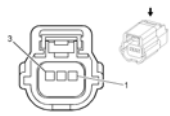
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	13575845	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

B78F Rear Object Sensor - Right Middle (UD7)

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

B78G REAR OBJECT SENSOR - LEFT OUTER (UD7)



Connector Part Information

- Harness Type: Rear Object Sensor
- OEM Connector: 31404-3700
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

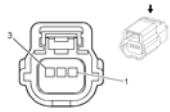
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

B78G Rear Object Sensor - Left Outer (UD7)

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

B78H REAR OBJECT SENSOR - RIGHT OUTER (UD7)

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Connector Part Information

- Harness Type: Rear Object Sensor
- OEM Connector: 31404-3700
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

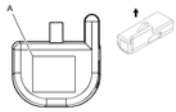
Terminal Part Information

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

B78H Rear Object Sensor - Right Outer (UD7)

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

B80 PARK BRAKE SWITCH



Connector Part Information

- Harness Type: Body
- OEM Connector: 12047682
- Service Connector: 12101850
- Description: 1-Way Female (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

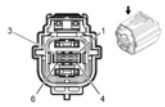
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I	13575464	J-35616-14 (GN)	J-38125-12A	15326030	5	E	C

B80 Park Brake Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** D-BU/VT	**A:** 1134	**A:** Park Brake Switch Signal	**A:** I	**A:** -

B87 REARVIEW CAMERA (UVC)



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: 13629704
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series, Sealed (GY)

Terminal Part Information

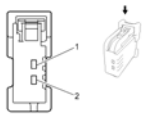
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327120	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T - M064	23	P	P

B87 Rearview Camera (UVC)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** GY/YE	**1:** 6972	**1:** Camera Signal #2 +	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 7069	**2:** Camera Shield Extension	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** L-GN/WH	**3:** 24	**3:** Backup Lamp Supply Voltage	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** WH/BU	**4:** 6973	**4:** Camera Signal #2	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** BK	**5:** 2350	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** VT/BK	**6:** 339	**6:** Run/Crank Ignition 1 Voltage	**6:** I	**6:** -

B88D SEAT BELT SWITCH - DRIVER

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 6098-5510
- Service Connector: 13584097
- Description: 2-Way F 0.64 Series (BK)

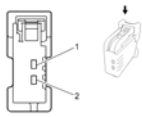
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575855	J-35616-2A (GY)	J-38125-553	8240-0127	22	E	C

B88D Seat Belt Switch - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD	**1:** 238	**1:** Driver Seat Belt Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1363	**2:** Driver Seat Belt Switch Low Reference	**2:** I	**2:** -

B88P SEAT BELT SWITCH - PASSENGER



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 6098-5510
- Service Connector: 13584097
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575855	J-35616-2A	J-38125-553	8240-0127	22	E	C

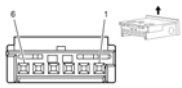
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		(GY)					

B88P Seat Belt Switch - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD	**1:** 1362	**1:** Passenger Seat Belt Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1361	**2:** Passenger Seat Belt Switch Low Reference	**2:** I	**2:** -

B99 STEERING WHEEL ANGLE SENSOR (FX3)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1-1241370-3
- Service Connector: 13505903
- Description: 6-Way F 0.64 MQS Series (BK)

Terminal Part Information

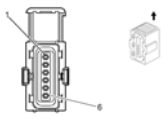
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

B99 Steering Wheel Angle Sensor (FX3)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 6106	**1:** High Speed GMLAN Serial Data -	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 6106	**2:** High Speed GMLAN Serial Data -	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU/YE	**3:** 6105	**3:** High Speed GMLAN Serial Data +	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/YE	**4:** 6105	**4:** High Speed GMLAN Serial Data +	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** L-GN/BN	**5:** 2087	**5:** 12 Volt Reference	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK	**6:** 1650	**6:** Ground	**6:** I	**6:** -

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B107 ACCELERATOR PEDAL POSITION SENSOR



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15383136
- Service Connector: 13580116
- Description: 6-Way F 1.2 Micro Timer Series, Sealed (BK)

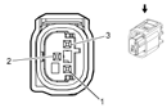
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576269	J-35616-14 (GN)	J-38125-560	4-969005-1	16	E	1

B107 Accelerator Pedal Position Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/RD	**1:** 1274	**1:** Accelerator Pedal Position 5 Volt Reference (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH/RD	**2:** 1164	**2:** Accelerator Pedal Position 5 Volt Reference (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/WH	**3:** 1161	**3:** Accelerator Pedal Position Signal (1)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK/D-BU	**4:** 1271	**4:** Accelerator Pedal Position Low Reference (1)	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK/VT	**5:** 1272	**5:** Accelerator Pedal Position Low Reference (2)	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** L-GN/WH	**6:** 1162	**6:** Accelerator Pedal Position Signal (2)	**6:** I	**6:** -

B108 AIR QUALITY SENSOR (C68)



Connector Part Information

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- Harness Type: Forward Lamp
- OEM Connector: 15324236
- Service Connector: 13584422
- Description: 3-Way F (BK)

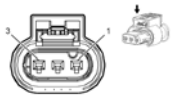
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576395	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	6	6

B108 Air Quality Sensor (C68)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/D-GN	**1:** 1339	**1:** Ignition Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1350	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/WH	**3:** 5203	**3:** Air Quality Sensor Signal	**3:** I	**3:** -

B115 VEHICLE SPEED SENSOR (MF3 OR MZ0)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564249
- Service Connector: 13574937
- Description: 3-Way F MLK 1.2 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Stocked in Kit	J-35616-16 (L-GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available

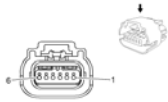
B115 Vehicle Speed Sensor (MF3 or MZ0)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5 **1:** 0.5	**1:** GY/BK **1:** WH/BK	**1:** 3096 **1:** 3096	**1:** 5 Volt Reference **1:** 5 Volt Reference	**1:** I	**1:** LUJ **1:** LUW
2: 2	**2:** 0.5 **2:** 1	**2:** WH/BK **2:** GY/BK	**2:** 3097 **2:** 3097	**2:** Low Reference **2:** Low Reference	**2:** I	**2:** LUJ **2:** LUW
3: 3	**3:** 0.5 **3:** 0.5	**3:** D-GN **3:** L-GN	**3:** 3098 **3:** 3098	**3:** Output Speed **3:** Output Speed	**3:** I	**3:** Digital) Signal (LUJ **3:** Digital) Signal (LUW

B119 MULTI-AXIS ACCELERATION SENSOR (FX3)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13677844
- Service Connector: 13355767
- Description: 6-Way F Micro 064 Series, Sealed (BK)

Terminal Part Information

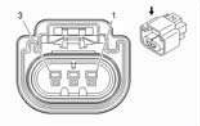
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575528	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

B119 Multi-Axis Acceleration Sensor (FX3)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 6106	**1:** High Speed GMLAN Serial Data (-) (2)	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** D-BU/YE	**3:** 6105	**3:** High Speed GMLAN Serial Data (+) (2)	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 0.5	**5:** D-GN/BN	**5:** 2087	**5:** Combined Vehicle Inertial Sensor Supply Voltage	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** GY/RD	**6:** 1337	**6:** Ground	**6:** I	**6:** -

B150 FUEL TANK PRESSURE SENSOR

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Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 88988720
- Service Connector: 13580873
- Description: 3-Way F GT 150 Series, Sealed (GY)

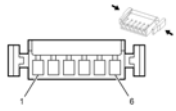
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	E	1

B150 Fuel Tank Pressure Sensor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/WH	**1:** 890	**1:** Fuel Tank Pressure Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/WH	**2:** 6281	**2:** Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/RD	**3:** 2709	**3:** 5 Volt Reference	**3:** I	**3:** -

B160 WINSHIELD TEMPERATURE AND INSIDE MOISTURE SENSOR (C68)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13726957
- Service Connector: 13576539
- Description: 6-Way F 0.64 Micro Quadlok Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B	J-38125-	928999-5	15	H	H

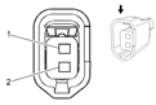
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		(L-BU)	12A				

B160 Winshield Temperature and Inside Moisture Sensor (C68)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** YE/RD	**1:** 597	**1:** 5 Volt Reference	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** GY/D-BU	**2:** 7564	**2:** Humidity Sensor Signal	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BK/D-BU	**3:** 7566	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** GY/D-GN	**4:** 7565	**4:** Windscreen Temp Sensor Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** YE/D-BU	**5:** 3197	**5:** Humidity Temperature Sensor Signal	**5:** I	**5:** -
6	-	-	-	Not Occupied	-	-

E2LF SIDE MARKER LAMP - LEFT FRONT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13627828
- Service Connector: 13581089
- Description: 2-Way F Bulb Socket (L-GY)

Terminal Part Information

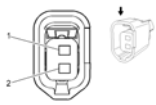
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576389	J-35616-2A (GY)	J-38125-11A	7116-4102-08	9	E	1

E2LF Side Marker Lamp - Left Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/GY	**1:** 709	**1:** Left Park Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1150	**2:** Ground	**2:** I	**2:** -

E2RF SIDE MARKER LAMP - RIGHT FRONT

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13627828
- Service Connector: 13581089
- Description: 2-Way F Bulb Socket (L-GY)

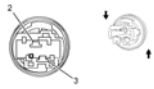
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576389	J-35616-2A (GY)	J-38125-11A	7116-4102-08	9	E	1

E2RF Side Marker Lamp - Right Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY/BN	**1:** 309	**1:** Right Park Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1050	**2:** Ground	**2:** I	**2:** -

E4LR TURN SIGNAL LAMP - LEFT REAR



Connector Part Information

- Harness Type: Left Tail Lamp
- OEM Connector: Pending
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Bulb Socket Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part	Pending	Not Available	Service by Harness - See Part	Service by Harness - See Part	Not Available	Not Available

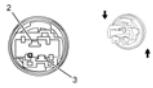
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	Catalog			Catalog	Catalog		

E4LR Turn Signal Lamp - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** YE	**2:** 1334	**2:** Left Rear Turn Signal Lamp Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK/WH	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E4RR TURN SIGNAL LAMP - RIGHT REAR



Connector Part Information

- Harness Type: Right Tail Lamp
- OEM Connector: Pending
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Bulb Socket, Sealed (NA)

Terminal Part Information

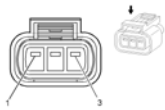
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E4RR Turn Signal Lamp - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** YE	**2:** 1335	**2:** Right Rear Turn Signal Lamp Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK/WH	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E4N PARK/TURN SIGNAL LAMP - LEFT

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Connector Part Information

- Harness: Forward Lamp
- OEM: 13597525
- Service: Pending
- Description: 3-Way F (WH/BK)

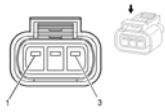
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness - See Part Catalog	J-35616-18 (BK)	J-38125-553

E4N Park/Turn Signal Lamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/WH	**1:** 1314	**1:** Left Front Turn Signal Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 50	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/GY	**3:** 709	**3:** Left Park Lamp Control	**3:** I	**3:** -

E4P PARK/TURN SIGNAL LAMP - RIGHT



Connector Part Information

- Harness: Forward Lamp
- OEM: 13597525
- Service: Pending
- Description: 3-Way F (WH/BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness - See Part Catalog	J-35616-18 (BK)	J-38125-553

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E4P Park/Turn Signal Lamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN/VT	**1:** 1315	**1:** Right Front Turn Signal Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 50	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/BN	**3:** 309	**3:** Right Park Lamp Control	**3:** I	**3:** -

E5A BACKUP LAMP - LEFT



Connector Part Information

- Harness Type: Left Tail Lamp
- OEM Connector: Pending
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Bulb Socket, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E5A Backup Lamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 1324	**1:** Backup Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/WH	**2:** 2550	**2:** Ground	**2:** I	**2:** -

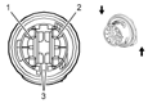
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2013 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

E5AA TAIL/STOP LAMP - LEFT



Connector Part Information

- Harness Type: Left Tail Lamp
- OEM Connector: 3235
- Service Connector: 13355733
- Description: 3-Way F Bulb Socket, Sealed (BK)

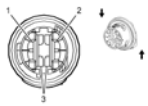
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E5AA Tail/Stop Lamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD	**1:** 7542	**1:** Left Rear Stop Lamp Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU	**2:** 709	**2:** Left Park Lamp Control	**2:** I	**2:** -
3: 3	**3:** 1	**3:** BK	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E5AB TAIL/STOP LAMP - RIGHT



Connector Part Information

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- Harness Type: Right Tail Lamp
- OEM Connector: 3235
- Service Connector: 13355733
- Description: 3-Way F Bulb Socket, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E5AB Tail/Stop Lamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD	**1:** 7541	**1:** Right Rear Stop Lamp Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU	**2:** 309	**2:** Right Park Lamp Control	**2:** I	**2:** -
3: 3	**3:** 1	**3:** BK	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E5B BACKUP LAMP - RIGHT



Connector Part Information

- Harness Type: Right Tail Lamp
- OEM Connector: Pending
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Bulb Socket, Sealed (GY)

Terminal Part Information

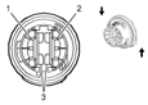
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

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E5B Backup Lamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 1324	**1:** Backup Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 2550	**2:** Ground	**2:** I	**2:** -

E5E TAIL LAMP - LEFT



Connector Part Information

- Harness Type: Left Inner Tail Lamp
- OEM Connector: 3233
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Bulb Socket, Sealed (GN)

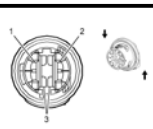
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E5E Tail Lamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** D-BU	**2:** 709	**2:** Left Park Lamp Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E5F TAIL LAMP - RIGHT



Connector Part Information

- Harness Type: Right Inner Tail Lamp

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- OEM Connector: 3233
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Bulb Socket, Sealed (GN)

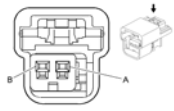
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E5F Tail Lamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** D-BU	**2:** 309	**2:** Right Park Lamp Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 2550	**3:** Ground	**3:** I	**3:** -

E6 CENTER HIGH MOUNTED STOP LAMP



Connector Part Information

- Harness Type: Body
- OEM Connector: 15332129
- Service Connector: 15306425
- Description: 2-Way F GT 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

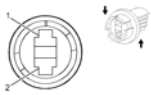
E6 Center High Mounted Stop Lamp

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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A: A	**A:** 0.5	**A:** VT/WH	**A:** 5065	**A:** Stop Lamp Relay Coil Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** 650	**B:** Ground	**B:** I	**B:** -

E7L LICENSE PLATE LAMP - LEFT



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: Pending
- Service Connector: Service By Harness
- Description: 2-Way F Bulb Socket, Sealed (GY)

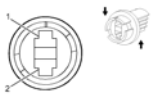
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E7L License Plate Lamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/WH	**1:** 2550	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 6846	**2:** Rear License Lamp Supply Voltage	**2:** I	**2:** -

E7R LICENSE PLATE LAMP - RIGHT



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: Pending
- Service Connector: Service By Harness

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- Description: 2-Way F Bulb Socket, Sealed (GY)

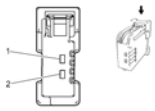
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

E7R License Plate Lamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/WH	**1:** 2550	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 6846	**2:** Rear License Lamp Supply Voltage	**2:** I	**2:** -

E8S REAR COMPARTMENT COURTESY LAMP



Connector Part Information

- Harness Type: Body
- OEM Connector: 13595207
- Service Connector: 13584097
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

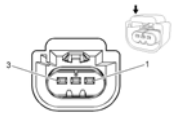
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575855	J-35616-2A (GY)	J-38125-553	8240-0127	22	E	C

E8S Rear Compartment Courtesy Lamp

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 737	**1:** Trunk Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 2350	**2:** Ground	**2:** I	**2:** -

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E13L HEADLAMP - LEFT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13511136
- Service Connector: 13584279
- Description: 3-Way F GT 150 Series, Sealed (GN)

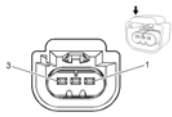
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578879	J-35616-2A (GY)	J-38125-553	12191819	8	2	1
II	13578879	J-35616-2A (GY)	J-38125-553	12191819	8	C	1

E13L Headlamp - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** YE	**1:** 712	**1:** Left Headlamp Low Beam Control	**1:** I	**1:** -
2: 2	**2:** 1.5	**2:** BK	**2:** 1150	**2:** Ground	**2:** II	**2:** -
3: 3	**3:** 1.5	**3:** WH	**3:** 711	**3:** Left Headlamp High Beam Control	**3:** II	**3:** -

E13R HEADLAMP - RIGHT



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13511136
- Service Connector: 13584279
- Description: 3-Way F GT 150 Series, Sealed (GN)

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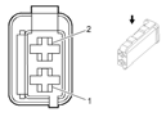
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578879	J-35616-2A (GY)	J-38125-553	12191819	8	2	1
II	13578879	J-35616-2A (GY)	J-38125-553	12191819	8	C	1

E13R Headlamp - Right

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** YE	**1:** 312	**1:** Right Headlamp Low Beam Control	**1:** I	**1:** -
2: 2	**2:** 1.5	**2:** BK	**2:** 1050	**2:** Ground	**2:** II	**2:** -
3: 3	**3:** 1.5	**3:** WH	**3:** 311	**3:** Right Headlamp High Beam Control	**3:** II	**3:** -

E14A SEAT HEATING ELEMENT - DRIVER BACK (KA1)



Connector Part Information

- Harness: Driver Seat Cushion Heater
- OEM: Pending
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M (BK)

Terminal Part Information

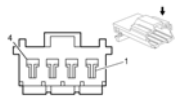
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Pending	Pending	Pending

E14A Seat Heating Element - Driver Back (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** GN	**1:** 2020	**1:** Driver Heated Back Element Return	**1:** I	**1:** -
2: 2	**2:** 1	**2:** BK	**2:** 2424	**2:** Driver Heated Seat Element Control	**2:** I	**2:** -

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E14B SEAT HEATING ELEMENT - DRIVER CUSHION (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: MG620397
- Service Connector: Service by Harness- See Part Catalog
- Description: 4-Way M 090-II Series (NA)

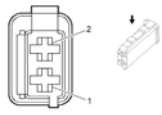
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness- See Part Catalog	Pending	Not Available	Service by Harness- See Part Catalog	Service by Harness- See Part Catalog	Not Available	Not Available

E14B Seat Heating Element - Driver Cushion (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** YE	**1:** 2077	**1:** Driver Heated Seat Element Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** RD	**2:** 2079	**2:** Driver Heated Seat NTC Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 2080	**3:** Driver Heated Seat NTC Low Reference	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 2078	**4:** Driver Heated Seat Element Return	**4:** I	**4:** -

E14C SEAT HEATING ELEMENT - PASSENGER BACK (KA1)



Connector Part Information

- Harness: Passenger Seat Cushion Heater
- OEM: Pending
- Service Connector: Service by Harness - See Part Catalog

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- Description: Pending

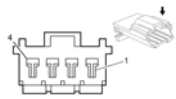
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Pending	Pending	Pending

E14C Seat Heating Element - Passenger Back (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** GN	**1:** 2019	**1:** Passenger Heated Back Element Return	**1:** I	**1:** -
2: 2	**2:** 1	**2:** BK	**2:** 2433	**2:** Passenger Heated Seat Element Control	**2:** I	**2:** -

E14D SEAT HEATING ELEMENT - PASSENGER CUSHION (KA1)



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: MG620397
- Service Connector: Service by Harness- See Part Catalog
- Description: 4-Way M 090-II Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness- See Part Catalog	Pending	Not Available	Service by Harness- See Part Catalog	Service by Harness- See Part Catalog	Not Available	Not Available

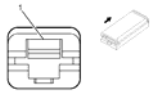
E14D Seat Heating Element - Passenger Cushion (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BN/BU	**1:** 2479	**1:** Driver Heated Seat Element Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/VT	**2:** 2480	**2:** Driver Heated Seat Element Return	**2:** I	**2:** -
				3: Driver Heated Seat NTC		

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3: 3	**3:** 0.5	**3:** BK/GY	**3:** 2435	Low Reference	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WT/GY	**4:** 2434	**4:** Passenger Heated Seat NTC Signal	**4:** I	**4:** -

E18 REAR DEFOGGER X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 12131240
- Service Connector: 13580102
- Description: 1-Way F (BK)

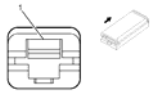
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13580102	J-38125-12A	J-35616-42 (RD)	Not Available	Not Available	Not Available	Not Available

E18 Rear Defogger X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 4	**1:** BN/VT	**1:** 293	**1:** Rear Defog Element Supply Voltage	**1:** I	**1:** -

E18 REAR DEFOGGER X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 12131240
- Service Connector: 13580102
- Description: 1-Way F (BK)

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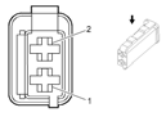
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13580102	J-38125-12A	J-35616-42 (RD)	Not Available	Not Available	Not Available	Not Available

E18 Rear Defogger X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 4	**1:** BK	**1:** 1650	**1:** Ground	**1:** I	**1:** -

E27 INSTRUMENT PANEL COMPARTMENT LAMP



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13670097
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

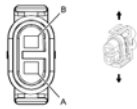
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575760	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

E27 Instrument Panel Compartment Lamp

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/BN	**1:** 6815	**1:** Inadvertent Power Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1650	**2:** Ground	**2:** I	**2:** -

E29LF FOG LAMP - LEFT FRONT (T3U)

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 12124819
- Service Connector: 13584255
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

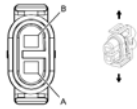
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575418	J-35616-4A (PU)	J-38125-11A	12077411	2	2	5

E29LF Fog Lamp - Left Front (T3U)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.75	**A:** BK	**A:** 1150	**A:** Ground	**A:** I	**A:** -
B: B	**B:** 0.75	**B:** BN/GY	**B:** 5061	**B:** Left Front Fog Lamp Supply Voltage	**B:** I	**B:** -

E29RF FOG LAMP - RIGHT FRONT (T3U)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 12124819
- Service Connector: 13584255
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

Terminal Part Information

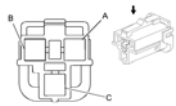
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575418	J-35616-4A (PU)	J-38125-11A	12077411	2	2	5

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E29RF Fog Lamp - Right Front (T3U)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.75	**A:** BK	**A:** 1050	**A:** Ground	**A:** I	**A:** -
B: B	**B:** 0.75	**B:** BN/D-GN	**B:** 5062	**B:** Right Front Fog Lamp Supply Voltage	**B:** I	**B:** -

E32 CIGARETTE LIGHTER RECEPTACLE



Connector Part Information

- Harness Type: Console
- OEM Connector: 12176836
- Service Connector: 19257374
- Description: 3-Way F Metri-Pack 280 Series (GY)

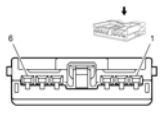
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575721	J-35616-4A (PU)	J-38125-553	12110844	4	C	A

E32 Cigarette Lighter Receptacle

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1	**A:** VT	**A:** 801	**A:** Retained Accessory Power Fuse Supply Voltage	**A:** I	**A:** -
B	-	-	-	Not Occupied	-	-
C: C	**C:** 1	**C:** BK	**C:** 1650	**C:** Ground	**C:** I	**C:** -

E37F DOME/READING LAMPS - FRONT



Connector Part Information

- Harness Type: Headliner

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- OEM Connector: 13641551
- Service Connector: 13576538
- Description: 6-Way F 1.5 Series (BK)

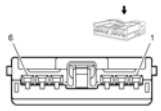
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575790	J-35616-2A (GY)	J-38125-553	15496302	5	E	A

E37F Dome/Reading Lamps - Front

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/BN	**1:** 6815	**1:** Inadvertent Power Control	**1:** I	**1:** -
2-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** BK	**6:** 1550	**6:** Ground	**6:** I	**6:** -

E37M DOME/READING LAMPS - MIDDLE



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13641551
- Service Connector: 13576538
- Description: 6-Way F 1.5 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575790	J-35616-2A (GY)	J-38125-553	15496302	5	E	A

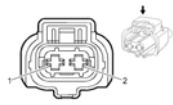
E37M Dome/Reading Lamps - Middle

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-

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2: 2	**2:** 0.5	**2:** GY	**2:** 157	**2:** Interior Lamp Control	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** GY/D-GN	**4:** 328	**4:** Interior Lamp Defeat Switch Signal	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/BN	**5:** 6998	**5:** Inadvertent Load 1 Supply Voltage	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK	**6:** 1550	**6:** Ground	**6:** I	**6:** -

E41 ENGINE COOLANT THERMOSTAT HEATER (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565696
- Service Connector: 13355785
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

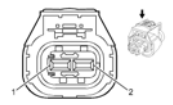
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J

E41 Engine Coolant Thermostat Heater (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/WH	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** L-BU	**2:** 6814	**2:** Thermostat Engine Cool Control	**2:** I	**2:** -

E41 ENGINE COOLANT THERMOSTAT HEATER (LUW/LWE)



Connector Part Information

- Harness Type: Engine

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- OEM Connector: 13140562
- Service Connector: 13581091
- Description: 2-Way F 2.8 Junior Power Timer Series (GY)

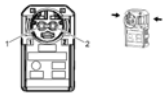
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

E41 Engine Coolant Thermostat Heater (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU	**1:** 6814	**1:** Thermostat Engine Cool Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/D-BU	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

F101 PASSENGER INSTRUMENT PANEL AIR BAG X1



Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- OEM Connector: 13262035
- Service Connector: 19118659
- Description: 2-Way F (L-BU With YE Case)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19118659	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

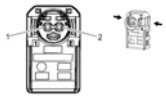
F101 Passenger Instrument Panel Air Bag X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** YE	**1:** 3025	**1:** Passenger Instrument Panel Module Stage 1 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** OG	**2:** 3024	**2:** Passenger Instrument Panel Module Stage 1 Low Control	**2:** I	**2:** -

F101 PASSENGER INSTRUMENT PANEL AIR BAG X2



Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- OEM Connector: 13262036
- Service Connector: Service by Harness- See Part Catalog
- Description: 2-Way F (YE with YE case)

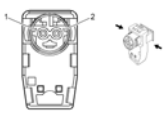
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness- See Part Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness- See Part Catalog	Service by Harness- See Part Catalog	Not Available	Not Available

F101 Passenger Instrument Panel Air Bag X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 3027	**1:** Passenger IP Module Stage 2 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** PU	**2:** 3026	**2:** Passenger IP Module Stage 2 Low Control	**2:** I	**2:** -

F105L ROOF RAIL AIR BAG - LEFT



Connector Part Information

- Harness Type: Curtain Airbag

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- OEM Connector: 19153416
- Service Connector: 19180245
- Description: 2-Way F FPB90-1 Series (BK with YE cover)

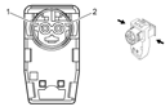
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19180245	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F105L Roof Rail Air Bag - Left

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/L-GN	**1:** 5019	**1:** Left Front Head Curtain Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/OG	**2:** 5020	**2:** Left Front Head Curtain Module Low Control	**2:** I	**2:** -

F105R ROOF RAIL AIR BAG - RIGHT



Connector Part Information

- Harness Type: Curtain Airbag
- OEM Connector: 19153416
- Service Connector: 19180245
- Description: 2-Way F FPB90-1 Series (BK with YE cover)

Terminal Part Information

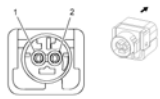
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19180245	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F105R Roof Rail Air Bag - Right

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/GY	**1:** 5021	**1:** Right Front Head Curtain Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH/OG	**2:** 5022	**2:** Right Front Head Curtain Module Low Control	**2:** I	**2:** -

F106D SEAT AIR BAG - DRIVER



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13773783
- Service Connector: 19258830
- Description: 2-Way F (YE/OG)

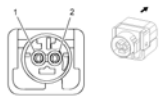
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - 19258830	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F106D Seat Air Bag - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-BU	**1:** 2137	**1:** Left Front Side Impact Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/OG	**2:** 2138	**2:** Left Front Side Impact Module Low Control	**2:** I	**2:** -

F106LR SEAT AIR BAG - LEFT REAR



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Connector Part Information

- Harness Type: Body
- OEM Connector: 13773783
- Service Connector: 19258830
- Description: 2-Way F (YE/OG)

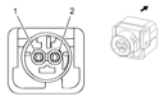
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - 19258830	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F106LR Seat Air Bag - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/GY	**1:** 5223	**1:** Left Rear Side Impact SIR Inflator Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/OG	**2:** 5224	**2:** Left Rear Side Impact SIR Inflator Control	**2:** I	**2:** -

F106P SEAT AIR BAG - PASSENGER



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13773783
- Service Connector: 19258830
- Description: 2-Way F (YE/OG)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness -	J-35616-64B	Not	Service by Harness -	Service by Harness -	Not	Not

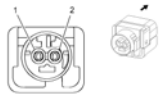
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	19258830	(L-BU)	Available	See Part Catalog	See Part Catalog	Available	Available

F106P Seat Air Bag - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/YE	**1:** 2135	**1:** Right Front Side Impact Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/OG	**2:** 2136	**2:** Right Front Side Impact Module Low Control	**2:** I	**2:** -

F106RR SEAT AIR BAG - RIGHT REAR



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13773783
- Service Connector: 19258830
- Description: 2-Way F (YE/OG)

Terminal Part Information

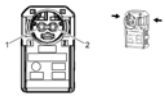
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - 19258830	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F106RR Seat Air Bag - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** VT/OG	**1:** VT/OG	**1:** 5225	**1:** Right Rear Side Impact SIR Inflator Supply Voltage	**1:** I	**1:** -
2: 2	**2:** OG/GY	**2:** OG/GY	**2:** 5226	**2:** Right Rear Side Impact SIR Inflator Control	**2:** I	**2:** -

F107 STEERING WHEEL AIR BAG X1

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Connector Part Information

- Harness Type: Steering Column
- OEM Connector: 13262035
- Service Connector: 19118659
- Description: 2-Way F (L-GN with YE Case)

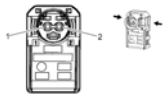
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19118659	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F107 Steering Wheel Air Bag X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** TN	**1:** 3021	**1:** Steering Wheel Module Stage 1 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 3020	**2:** Steering Wheel Module Stage 1 Low Control	**2:** I	**2:** -

F107 STEERING WHEEL AIR BAG X2 (EARLY PRODUCTION)



Connector Part Information

- Harness Type: Steering Column
- OEM Connector: 13262036
- Service Connector: Service by Harness- See Part Catalog
- Description: 2-Way F (YE with YE case)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

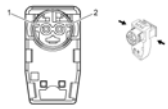
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I	Service by Harness - See Part Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F107 Steering Wheel Air Bag X2 (Early Production)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH	**1:** 3023	**1:** Steering Wheel Module Stage 2 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** PK	**2:** 3022	**2:** Steering Wheel Module Stage 2 Low Control	**2:** I	**2:** -

F112D SEAT BELT RETRACTOR PRETENSIONER - DRIVER



Connector Part Information

- Harness Type: Body
- OEM Connector: 19153416
- Service Connector: 19180245
- Description: 2-Way F FPB90-1 Series (BK with YE cover)

Terminal Part Information

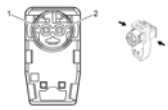
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19180245	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F112D Seat Belt Retractor Pretensioner - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/D-BU	**1:** 2118	**1:** Driver Seat Belt Pretensioner High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** OG/RD	**2:** 2119	**2:** Driver Seat Belt Pretensioner Low Control	**2:** I	**2:** -

F112P SEAT BELT RETRACTOR PRETENSIONER - PASSENGER

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Connector Part Information

- Harness Type: Body
- OEM Connector: 19153416
- Service Connector: 19180245
- Description: 2-Way F FPB90-1 Series (BK with YE cover)

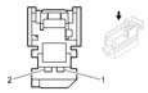
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19180245	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F112P Seat Belt Retractor Pretensioner - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/GY	**1:** 2116	**1:** Passenger Seat Belt Pretensioner High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU/BN	**2:** 2117	**2:** Passenger Seat Belt Pretensioner Low Control	**2:** I	**2:** -

F113D SEAT BELT ANCHOR PRESTENSIONER - DRIVER



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 19153427
- Service Connector: 19208396
- Description: 2-Way F 0.64 Series Unsealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

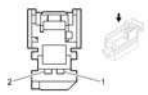
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I	Service by Connector Assembly - 19208396	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F113D Seat Belt Anchor Prestensioner - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD		**1:** Driver Seat Belt Pretensioner - High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK		**2:** Driver Seat Belt Pretensioner - Low Control	**2:** I	**2:** -

F113P SEAT BELT ANCHOR PRETENSIONER - PASSENGER



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 19153427
- Service Connector: 19208396
- Description: 2-Way F 0.64 Series Unsealed (YE)

Terminal Part Information

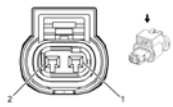
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 19208396	J-35616-64B (L-BU)	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

F113P Seat Belt Anchor Pretensioner - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD	**1:** 3479	**1:** Passenger Seat Belt Pretensioner - High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 3480	**2:** Passenger Seat Belt Pretensioner - Low Control	**2:** I	**2:** -

F114D KNEE AIR BAG - DRIVER

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Connector Part Information

- Harness Type: Instrument Panel
- OEM: 13863037
- Service Connector: Pending
- Description: 2-Way F 1.2 MCP Series, Sealed (YE with BK Inner Connector)

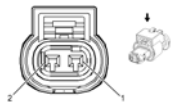
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service By Connector Assembly - 19178096	J-35616-64B (L-BU)	Not Available	Not Available	Not Available	Not Available	Not Available

F114D Knee Air Bag - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/BU	**1:** 3078	**1:** Driver Knee Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/OG	**2:** 3079	**2:** Driver Knee Module Low Control	**2:** I	**2:** -

F114P KNEE AIR BAG - PASSENGER



Connector Part Information

- Harness Type: Instrument Panel
- OEM: 13863037
- Service Connector: Pending
- Description: 2-Way F 1.2 MCP Series, Sealed (YE with BK Inner Connector)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

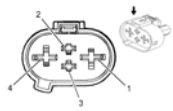
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			Tool				
I	Service By Connector Assembly - 19178096	J-35616-64B (L-BU)	Not Available	Not Available	Not Available	Not Available	Not Available

F114P Knee Air Bag - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-BU	**1:** 3076	**1:** Passenger Knee Module High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/OG	**2:** 3077	**2:** Passenger Knee Module Low Control	**2:** I	**2:** -

G10 COOLING FAN MOTOR



Connector Part Information

- Harness Type: Engine Cooling
- OEM Connector: 10864104
- Service Connector: Service by Harness- See Part Catalog
- Description: 4-Way F 4.8 9.5 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582260	J-35616-22 (RD)	J-38125-11A	60070461	29	A	3
II	Pending	J-35616-40 (BU)	J-38125-556	60040441	21	Not Available	Not Available

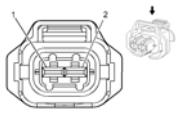
G10 Cooling Fan Motor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 4 **1:** 6	**1:** BK **1:** BK	**1:** 1250 **1:** 1250	**1:** Ground **1:** Ground	**1:** -	**1:** Except LUJ with MH8 **1:** LUJ with MH8

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2: 2	**2:** 2.5 **2:** 4	**2:** WH/D-BU **2:** WH/D-BU	**2:** 409 **2:** 409	**2:** Cooling Fan Motor Control (1) **2:** Cooling Fan Motor Control (1)	**2:** II	**2:** Except LUJ with MH8 **2:** LUJ with MH8
3: 3	**3:** 2.5 **3:** 4	**3:** GY **3:** GY	**3:** 532 **3:** 532	**3:** Cooling Fan Motor Control (2) **3:** Cooling Fan Motor Control (2)	**3:** II	**3:** Except LUJ with MH8 **3:** LUJ with MH8
4: 4	**4:** 4 **4:** 6	**4:** YE **4:** YE	**4:** 5358 **4:** 5358	**4:** Cooling Fan Motor Control (3) **4:** Cooling Fan Motor Control (3)	**4:** -	**4:** Except LUJ with MH8 **4:** LUJ with MH8

G13 GENERATOR X2



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13115612
- Service Connector: 88953309
- Description: 2-Way F Junior Power Timer 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13580821	J-35616-35 (VT)	J-38125-36	4-964273-1	15	E	1

G13 Generator X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5 **1:** 0.75	**1:** BU/WH **1:** BN	**1:** 25 **1:** 25	**1:** Charge Indicator Control **1:** Charge Indicator Control	**1:** I	**1:** LUV **1:** LUW/LWE
2: 2	**2:** 0.75	**2:** GY	**2:** 23	**2:** Generator Field Duty Cycle Signal	**2:** I	**2:** -

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G24 WINDSHIELD WASHER PUMP



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 10863916
- Service Connector: 13576532
- Description: 2-Way F MCP 2.8 Series, Sealed (BK)

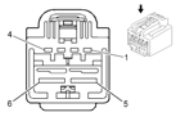
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575435	J-35616-35 (VT)	J-38125-557	1-968857-3	7	C	1

G24 Windshield Washer Pump

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** GY/VT	**1:** 228	**1:** Windshield Washer Pump Control	**1:** I	**1:** -
2: 2	**2:** 1	**2:** BK	**2:** 1350	**2:** Ground	**2:** I	**2:** -

K8 BLOWER MOTOR CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13520671
- Service Connector: 88988512
- Description: 6-Way F GT 150 6.3 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

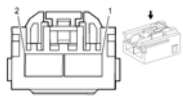
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I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C
II	13575835	J-35616-42 (RD)	J-38125-11A	7116-4122-02	10	D	G

K8 Blower Motor Control Module X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** D-BU/GY	**3:** 754	**3:** Blower Motor Speed Control	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 4	**5:** BK	**5:** 1850	**5:** Ground	**5:** II	**5:** -
6: 6	**6:** 4	**6:** RD/BN	**6:** 440	**6:** Battery Positive Voltage	**6:** II	**6:** -

K8 BLOWER MOTOR CONTROL MODULE X2



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 10846816
- Service Connector: 88988507
- Description: 2-Way F (GY)

Terminal Part Information

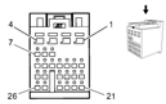
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575835	J-35616-42 (RD)	J-38125-11A	7116-4122-02	7116-4122-02	A	B

K8 Blower Motor Control Module X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 4	**1:** RD	**1:** 65	**1:** Blower Motor Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 4	**2:** BK	**2:** 374	**2:** Blower Motor Fan Control	**2:** I	**2:** -

K9 BODY CONTROL MODULE X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13594128
- Service Connector: 19151262
- Description: 26-Way F 0.64 2.8 Series (WH)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M2.8	20	A	D
II	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

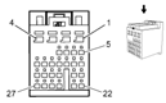
K9 Body Control Module X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 1650	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** RD/D-GN	**2:** 2440	**2:** Battery Positive Voltage	**2:** I	**2:** -
3: 3	**3:** 2.5	**3:** RD/YE	**3:** 2340	**3:** Battery Positive Voltage	**3:** I	**3:** -
4: 4	**4:** 1.5	**4:** RD/BN	**4:** 2240	**4:** Battery Positive Voltage	**4:** I	**4:** -
5-8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** WH/BN	**9:** 7555	**9:** Lighting Control Switch Signal	**9:** II	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.35	**11:** D-GN/BN	**11:** 306	**11:** Headlamp Switch Headlamps Off Signal Control	**11:** II	**11:** -
12-13	-	-	-	Not Occupied	-	-
14: 14	**14:** 0.5	**14:** GY/L-GN	**14:** 328	**14:** Interior Lamp Defeat Switch Signal	**14:** II	**14:** -
15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.35	**16:** WH/VT	**16:** 103	**16:** Headlamp Switch On Signal	**16:** II	**16:** -
17:				**17:** Hazard Switch Turn		

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17	**17:** 0.35	**17:** L-BU/VT	**17:** 1717	Flasher Control	**17:** II	**17:** -
18: 18	**18:** D-BU/VT	**18:** D-BU/VT	**18:** 5904	**18:** Steering Column Lock Status Signal	**18:** -	**18:** ULS
19: 19	**19:** 0.5	**19:** BK/BN	**19:** 5360	**19:** Brake Apply Sensor Low Reference	**19:** II	**19:** -
20	-	-	-	Not Occupied	-	-
21: 21	**21:** 0.35	**21:** GY	**21:** 728	**21:** Security Indicator Control	**21:** II	**21:** -
22: 22	**22:** 0.35	**22:** D-GN/GY	**22:** 13	**22:** Headlamp Switch Park Lamp Signal	**22:** II	**22:** -
23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** WH	**24:** 2501	**24:** High Speed GMLAN Serial Data (-) (1)	**24:** II	**24:** -
25: 25	**25:** 0.5	**25:** D-BU	**25:** 2500	**25:** High Speed GMLAN Serial Data (+) (1)	**25:** II	**25:** -
26: 26	**26:** 0.5	**26:** YE/L-GN	**26:** 3274	**26:** Remote Function Actuator Transmit Signal	**26:** II	**26:** -

K9 BODY CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13594133
- Service Connector: 19151266
- Description: 27-Way F 0.64 2.8 Series (L-BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M028	20	A	D
II	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J
III	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

K9 Body Control Module X2

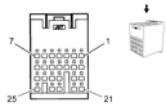
					Terminal Type	

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Pin	Size	Color	Circuit	Function	ID	Option
1: 1	**1:** 1.5	**1:** RD/GY	**1:** 2140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** BK	**2:** 850	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 1.5	**3:** RD/D-BU	**3:** 2540	**3:** Battery Positive Voltage	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/GY	**4:** 2840	**4:** Battery Positive Voltage	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.5	**7:** D-BU/YE	**7:** 5361	**7:** Brake Apply Sensor Signal	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** YE	**8:** 6817	**8:** LED Backlight Dimming Control	**8:** II	**8:** -
9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.35	**10:** WH/L-BU	**10:** 278	**10:** Ambient Light Sensor Signal	**10:** III	**10:** -
11: 11	**11:** 0.5	**11:** YE	**11:** 7554	**11:** Park Lock Solenoid Soft Control	**11:** II	**11:** MH8
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.5	**13:** WH	**13:** 5359	**13:** Brake Apply Sensor Supply Voltage	**13:** II	**13:** -
14: 14	**14:** 0.5	**14:** D-BU/VT	**14:** 1788	**14:** Traction Control Switch Signal (1)	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** OG/WH	**15:** 781	**15:** Driver Door Lock Switch Unlock Signal	**15:** II	**15:** -
16: 16	**16:** 0.5	**16:** GY	**16:** 3273	**16:** Remote Function Actuator Return	**16:** II	**16:** -
17-18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** OG/YE	**19:** 780	**19:** Driver Door Lock Switch Lock Signal	**19:** II	**19:** -
20	-	-	-	Not Occupied	-	-
21: 21	**21:** 0.5	**21:** L-GN/GY	**21:** 6135	**21:** Linear Interconnect Network Bus 4	**21:** II	**21:** -
22: 22	**22:** 0.5	**22:** L-GN	**22:** 5060	**22:** Low Speed GMLAN Serial Data	**22:** II	**22:** -
23: 23	**23:** 0.5	**23:** WH	**23:** 2501	**23:** High Speed GMLAN Serial Data (-) (1)	**23:** II	**23:** -
24: 24	**24:** 0.5	**24:** D-BU	**24:** 2500	**24:** High Speed GMLAN Serial Data (+) (1)	**24:** II	**24:** -
25: 25	**25:** 0.5	**25:** GY/WH	**25:** 3272	**25:** Remote Function Actuator Supply Voltage	**25:** II	**25:** -
26: 26	**26:** 0.35	**26:** D-GN/WH	**26:** 111	**26:** Hazard Switch Signal	**26:** III	**26:** -
27: 27	**27:** 0.5	**27:** D-BU/WH	**27:** 3275	**27:** Remote Function Actuator Receive Signal	**27:** II	**27:** -

K9 BODY CONTROL MODULE X3

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13594127
- Service Connector: 19151261
- Description: 25-Way F 0.64 Series (L-GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

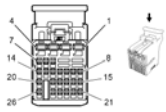
K9 Body Control Module X3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/GY	**1:** 3277	**1:** Vehicle Anti-Theft System Immobilizer Return	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** L-GN/VT	**2:** 7533	**2:** Linear Interconnect Network Bus 11	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/BK	**3:** 3276	**3:** Vehicle Anti-Theft System Immobilizer Supply Voltage	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** YE	**4:** 7556	**4:** Lighting Control Switch Reference	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** VT/YE	**5:** 4	**5:** Ignition Voltage	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** VT/BK	**6:** 3	**6:** Ignition Voltage	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** VT/YE	**7:** 143	**7:** Ignition Voltage	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** L-GN/WH	**8:** 6819	**8:** Steering Wheel Resistor Ladder Signal #2	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** GY/L-GN	**9:** 5737	**9:** Adaptive Cruise Control Gap Up/Down Switch Signal	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** BK/GY	**10:** 6009	**10:** Windshield Wiper Switch Low Reference	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** WH	**11:** 524	**11:** Headlamp Dimmer Switch High Beam Signal	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** WH/L-GN	**12:** 663	**12:** Hazard Switch Left Turn Signal	**12:** I	**12:** -

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13: 13	**13:** 0.5	**13:** YE/BK	**13:** 1714	**13:** Windshield Wiper Switch Low Signal	**13:** I	**13:** -
14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** WH/VT	**15:** 1020	**15:** Ignition Voltage	**15:** I	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** YE/BN	**17:** 307	**17:** Headlamp Switch Flash To Pass Signal	**17:** I	**17:** -
18: 18	**18:** 0.5	**18:** L-GN/WH	**18:** 3287	**18:** Horn Switch Signal	**18:** I	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** GY	**20:** 1715	**20:** Windshield Wiper Switch High Signal	**20:** I	**20:** -
21	-	-	-	Not Occupied	-	-
22: 22	**22:** 0.5	**22:** WH/BK	**22:** 1073	**22:** Ignition Key Resistor Signal	**22:** I	**22:** -
23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** VT/D-BU	**24:** 664	**24:** Hazard Switch Right Turn Signal	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** WH/BK	**25:** 94	**25:** Windshield Washer Switch Signal	**25:** I	**25:** -

K9 BODY CONTROL MODULE X4



Connector Part Information

- Harness Type: Body
- OEM Connector: 13594129
- Service Connector: 19151263
- Description: 26-Way F 0.64 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M28	20	C	A
II	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

K9 Body Control Module X4

					Terminal Type	

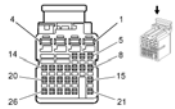
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Pin	Size	Color	Circuit	Function	ID	Option
1: 1	**1:** 1	**1:** YE	**1:** 312	**1:** Right Headlamp Low Beam Control	**1:** I	**1:** -
2: 2	**2:** 1	**2:** YE	**2:** 712	**2:** Left Headlamp Low Beam Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-GN/VT	**3:** 1315	**3:** Right Front Turn Signal Lamp Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/VT	**4:** 1335	**4:** Right Rear Turn Signal Lamp Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** GY/BN	**5:** 309	**5:** Right Park Lamp Control	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** VT/GY	**6:** 709	**6:** Left Park Lamp Control	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** GY/YE	**7:** 7542	**7:** Left Rear Stop Lamp Supply Voltage	**7:** II	**7:** -
8: 8	**8:** .5 VT/YE	**8:** .5 VT/YE	**8:** 3267	**8:** Child Security Lock Relay Control	**8:** II	**8:** -
9: 9	**9:** 0.5	**9:** YE	**9:** 7546	**9:** Logistics Relay Control	**9:** II	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** VT/WH	**11:** 5065	**11:** Stop Lamp Relay Coil Control	**11:** II	**11:** -
12: 12	**12:** 0.5	**12:** VT/BK	**12:** 3	**12:** Ignition Voltage	**12:** II	**12:** -
13: 13	**13:** 0.5	**13:** D-GN/YE	**13:** 6846	**13:** Rear License Lamp Control	**13:** II	**13:** -
14: 14	**14:** 0.5	**14:** BN/GY	**14:** 2268	**14:** Windshield Washer Relay Control	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** BN/VT	**15:** 1594	**15:** Ignition 3 Relay Control	**15:** II	**15:** -
16: 16	**16:** 0.5	**16:** GY	**16:** 91	**16:** Windshield Wiper Motor Relay Coil Control	**16:** II	**16:** -
17: 17	**17:** 0.5	**17:** BN/D-GN	**17:** 196	**17:** Windshield Wiper Motor Park Switch Signal	**17:** II	**17:** -
18: 18	**18:** 0.5	**18:** WH/YE	**18:** 5075	**18:** Current Sensor Signal	**18:** II	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** RD/BN	**20:** 1440	**20:** Battery Positive Voltage	**20:** II	**20:** -
21: 21	**21:** 0.5	**21:** D-BU/VT	**21:** 5076	**21:** Current Sensor Supply Voltage	**21:** II	**21:** -
22: 22	**22:** 0.5	**22:** VT/YE	**22:** 5985	**22:** Accessory Wakeup Serial Data	**22:** II	**22:** -
23: 23	**23:** 0.5	**23:** WH/D-BU	**23:** 5986	**23:** Serial Data Communication Enable	**23:** II	**23:** -
24:		**24:** BN/D-		**24:** Hood Ajar Switch		

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24	**24:** 0.5	GN	**24:** 109	Signal	**24:** II	**24:** -
25	-	-	-	Not Occupied	-	-
26: 26	**26:** 0.5	**26:** BK	**26:** 981	**26:** Ground	**26:** II	**26:** -

K9 BODY CONTROL MODULE X5



Connector Part Information

- Harness Type: Body
- OEM Connector: 13594130
- Service Connector: 19151264
- Description: 26-Way F 0.64 2.8 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M28	20	E	A
II	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

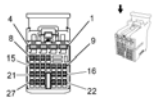
K9 Body Control Module X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/WH	**1:** 1334	**1:** Left Rear Turn Signal Lamp Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU/WH	**2:** 1314	**2:** Left Front Turn Signal Lamp Control	**2:** I	**2:** -
3: 3	**3:** 1.5	**3:** RD/WH	**3:** 2740	**3:** Battery Positive Voltage	**3:** I	**3:** -
4: 4	**4:** 1.5	**4:** RD/VT	**4:** 2640	**4:** Battery Positive Voltage	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** BK/VT	**6:** 5077	**6:** Current Sensor Low Reference	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** WH/YE	**7:** 7541	**7:** Right Rear Stop Lamp Supply Voltage	**7:** II	**7:** -
8-10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.75	**11:** GY/YE	**11:** 6188	**11:** Lift Glass/Trunk Motor Release Control	**11:** II	**11:** -

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12: 12	**12:** 0.5	**12:** WH/BU	**12:** 6311	**12:** Cruise/ETC/TCC Brake Signal	**12:** II	**12:** K34
13: 13	**13:** 0.5	**13:** BN/WH	**13:** 1317	**13:** Fog Lamp Relay Control	**13:** II	**13:** -
14-17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** BN/VT	**18:** 1969	**18:** Headlamp High Beam Relay Control	**18:** II	**18:** -
19: 19	**19:** 0.5	**19:** BN/WH	**19:** 28	**19:** Horn Relay Control	**19:** II	**19:** -
20-23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** WH/VT	**24:** 860	**24:** Front Windshield Wiper Switch High Signal	**24:** II	**24:** -
25-26	-	-	-	Not Occupied	-	-

K9 BODY CONTROL MODULE X6



Connector Part Information

- Harness Type: Body
- OEM Connector: 13594134
- Service Connector: 19151267
- Description: 27-Way F 0.64 2.8 Series (PK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M28	20	A	D
II	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

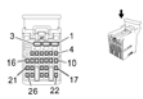
K9 Body Control Module X6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** GY	**1:** 5911	**1:** Door Lock Actuator Lock Control	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** GY/D-GN	**2:** 3271	**2:** Door Lock Control (2)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.75	**4:** BN/YE	**4:** 294	**4:** Door Lock Actuator Unlock Control	**4:** I	**4:** -
				5: Lift Gate Ajar Switch		**5:** without

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5: 5	**5:** 0.5	**5:** VT/GY	**5:** 1303	Signal (1)	**5:** II	BTV
6: 6	**6:** 0.5	**6:** BN/D-GN	**6:** 109	**6:** Hood Ajar Switch Signal	**6:** II	**6:** -
7-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** D-GN/YE	**10:** 6134	**10:** Linear Interconnect Network Bus 3	**10:** II	**10:** -
11-14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** YE/D-BU	**15:** 5797	**15:** Rear Closure Handle Switch Open Signal	**15:** II	**15:** -
16: 16	**16:** 0.5	**16:** D-GN/BN	**16:** 6132	**16:** Linear Interconnect Network Bus 1	**16:** II	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** D-BU	**18:** 2500	**18:** High Speed GMLAN Serial Data (+) (1)	**18:** II	**18:** -
19: 19	**19:** 0.5	**19:** WH	**19:** 2501	**19:** High Speed GMLAN Serial Data (-) (1)	**19:** II	**19:** -
20-23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** D-BU	**24:** 2500	**24:** High Speed GMLAN Serial Data (+) (1)	**24:** II	**24:** -
25: 25	**25:** 0.5	**25:** WH	**25:** 2501	**25:** High Speed GMLAN Serial Data (-) (1)	**25:** II	**25:** -
26	-	-	-	Not Occupied	-	-
27: 27	**27:** 0.5	**27:** GY	**27:** 747	**27:** Left Rear Door Ajar Switch Signal	**27:** II	**27:** -

K9 BODY CONTROL MODULE X7



Connector Part Information

- Harness Type: Body
- OEM Connector: 13594132
- Service Connector: 19151265
- Description: 26-Way F 0.64 2.8 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575560	J-35616-35 (VT)	J-38125-12A	SNAC-A081T-M28	20	E	A
		J-35616-64B	J-38125-	SNAC3-			

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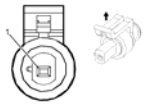
II	13575870	(L-BU)	12A	A021T-M064	20	J	J

K9 Body Control Module X7

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 157	**1:** Interior Lamp Control	**1:** I	**1:** -
2: 2	**2:** 1	**2:** WH/BN	**2:** 6815	**2:** Inadvertent Power Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-GN/WH	**3:** 1324	**3:** Backup Lamp Control	**3:** I	**3:** -
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** VT/BK	**6:** 7553	**6:** Park Lock Solenoid Control	**6:** II	**6:** MH8
7: 7	**7:** 0.5	**7:** D-GN/GY	**7:** 737	**7:** Trunk Lamp Control	**7:** II	**7:** -
8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** YE	**9:** 6817	**9:** LED Backlight Dimming Control	**9:** II	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** GY	**11:** 748	**11:** Right Rear Door Ajar Switch Signal	**11:** II	**11:** -
12: 12	**12:** 0.5	**12:** BN/WH	**12:** 3269	**12:** Child Security Lock Motor Status Signal Left Rear	**12:** II	**12:** -
13	-	-	-	Not Occupied	-	-
14: 14	**14:** 0.5	**14:** GY	**14:** 746	**14:** Right Front Door Ajar Switch Signal	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** D-BU/VT	**15:** 1134	**15:** Park Brake Switch Signal	**15:** II	**15:** -
16: 16	**16:** 0.5	**16:** D-GN/BK	**16:** 5103	**16:** Technology Identification	**16:** II	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** GY/BK	**18:** 3268	**18:** Child Security Lock Motor Status Signal Right Rear	**18:** II	**18:** -
19: 19	**19:** 0.5	**19:** D-GN/BN	**19:** 6998	**19:** Inadvertent Load 1 Supply Voltage	**19:** II	**19:** -
20-22	-	-	-	Not Occupied	-	-
23: 23	**23:** 0.5	**23:** D-GN	**23:** 5060	**23:** Low Speed GMLAN Serial Data	**23:** II	**23:** -
24	-	-	-	Not Occupied	-	-
25: 25	**25:** 0.5	**25:** GY	**25:** 745	**25:** Left Front Door Ajar Switch Signal	**25:** II	**25:** -
26	-	-	-	Not Occupied	-	-

KR14 BRAKE BOOSTER PUMP RELAY X1

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Connector Part Information

- Harness Type: Body
- OEM Connector: 10846708
- Service Connector: 19258185
- Description: 6-Way F 2.8 Series, Sealed (BK)

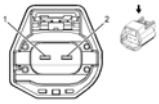
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Pending	Pending
II	Pending	J-35616-4A (PU)	J-38125-556	2 21 40 49206 0	27	Not Available	Not Available

KR14 Brake Booster Pump Relay X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 1050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 6305	**2:** Brake Vacuum Switch Signal	**2:** II	**2:** -
3-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** RD/VT	**5:** 1940	**5:** Battery Positive Voltage	**5:** I	**5:** -
6	-	-	-	Not Occupied	-	-

KR14 BRAKE BOOSTER PUMP RELAY X2



Connector Part Information

- Harness Type: Brake Booster Pump Motor Relay
- OEM Connector: 7283-5575-10
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (D-GY)

Terminal Part Information

Terminal Type			

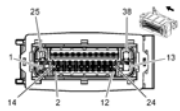
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ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness - See Part Catalog	Pending	Pending

KR14 Brake Booster Pump Relay X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1.5	**1:** RD	**1:** 1470	**1:** Brake Booster Pump Motor Supply Voltage	**1:** I	**1:** -
2: 2	**2:** 1.5	**2:** WH	**2:** 1809	**2:** Brake Booster Vacuum Sensor Signal	**2:** I	**2:** -

K17 ELECTRONIC BRAKE CONTROL MODULE



Connector Part Information

- Harness Type: Body
- OEM Connector: 13664198
- Service Connector: 13581097
- Description: 38-Way F 0.64, 2.8, 5.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575437	J-35616-42 (RD)	J-38125-36	1241818-1	4	B	G
II	13578854	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	E	1
III	13575264	J-35616-64B (L-BU)	J-38125-215A	SAITS-A03T-M064	14	9	9

K17 Electronic Brake Control Module

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 4	**1:** RD/VT	**1:** 1640	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 1903	**2:** AAS Wheel Speed Sensor Signal Left Front	**2:** III	**2:** -
3-4	-	-	-	Not Occupied	-	-
				5: High Speed GMLAN		

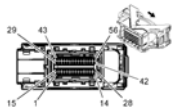
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5: 5	**5:** 0.5	**5:** D-BU/YE	**5:** 6105	Serial Data (+) (2)	**5:** III	**5:** -
6: 6	**6:** 0.5	**6:** WH	**6:** 6106	**6:** High Speed GMLAN Serial Data (-) (2)	**6:** III	**6:** -
7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** WH/D-BU	**8:** 5986	**8:** Serial Data Communication Enable	**8:** III	**8:** -
9: 9	**9:** 0.5	**9:** WH	**9:** 2501	**9:** High Speed GMLAN Serial Data (-) (1)	**9:** III	**9:** -
10: 10	**10:** 0.5	**10:** WH	**10:** 2501	**10:** High Speed GMLAN Serial Data (-) (1)	**10:** III	**10:** -
11: 11	**11:** 0.5	**11:** D-BU	**11:** 2500	**11:** High Speed GMLAN Serial Data (+) (1)	**11:** III	**11:** NJ1
12: 12	**12:** 0.5	**12:** D-BU	**12:** 2500	**12:** High Speed GMLAN Serial Data (+) (1)	**12:** III	**12:** -
13: 13	**13:** 4	**13:** BK	**13:** 1450	**13:** Ground	**13:** I	**13:** -
14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** D-GN/BN	**15:** 2087	**15:** Combined Vehicle Inertial Sensor Supply Voltage	**15:** III	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** YE/RD	**17:** 6031	**17:** Brake Vacuum Sensor 5 Volt Reference	**17:** III	**17:** -
18-21	-	-	-	Not Occupied	-	-
22: 22	**22:** 0.5	**22:** YE/VT	**22:** 6030	**22:** Brake Vacuum Sensor Signal	**22:** III	**22:** -
23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** BK/YE	**24:** 6032	**24:** Brake Vacuum Sensor Low Reference	**24:** III	**24:** -
25: 25	**25:** 1	**25:** RD/D-GN	**25:** 1840	**25:** Battery Positive Voltage	**25:** II	**25:** -
26: 26	**26:** 0.5	**26:** YE	**26:** 872	**26:** Wheel Speed Sensor Signal Right Front	**26:** III	**26:** -
27: 27	**27:** 0.5	**27:** GY/BN	**27:** 7065	**27:** Wheel Speed Sensor Control Right Front	**27:** III	**27:** -
28: 28	**28:** 0.5	**28:** D-GN/GY	**28:** 333	**28:** Brake Fluid Level Sensor Signal	**28:** III	**28:** -
29: 29	**29:** 0.5	**29:** GY/BK	**29:** 7127	**29:** Wheel Speed Sensor Control Left Rear	**29:** III	**29:** -
30: 30	**30:** 0.5	**30:** D-BU	**30:** 884	**30:** Wheel Speed Sensor Signal Left Rear	**30:** III	**30:** -
31-32	-	-	-	Not Occupied	-	-
33: 33	**33:** 0.5	**33:** VT	**33:** 882	**33:** Wheel Speed Sensor Signal Right Rear	**33:** III	**33:** -
				34: Wheel Speed Sensor		

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34: 34	**34:** 0.5	**34:** GY/YE	**34:** 7128	Control Right Rear	**34:** III	**34:** -
35	-	-	-	Not Occupied	-	-
36: 36	**36:** 0.5	**36:** GY/WH	**36:** 7064	**36:** Wheel Speed Sensor Control Left Front	**36:** III	**36:** -
37: 37	**37:** 0.5	**37:** GY	**37:** 830	**37:** Wheel Speed Sensor Signal Left Front	**37:** III	**37:** -
38	-	-	-	Not Occupied	-	-

K20 ENGINE CONTROL MODULE X1 (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 19167430
- Service Connector: 13581098
- Description: 56-Way F (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J
II	13582275	J-35616-64B (L-BU)	J-38125-12A	1719532-5	7	J	J

K20 Engine Control Module X1 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/WH	**1:** 419	**1:** Check Engine Indicator Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/GY	**2:** 465	**2:** Fuel Pump Primary Relay Control	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** VT/L-BU	**3:** 5290	**3:** Powertrain Main Relay Fused Supply (1)	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** WH/GY	**4:** 459	**4:** A/C Compressor Clutch Relay Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** WH/RD	**5:** 1164	**5:** Accelerator Pedal Position 5 Volt Reference (1)	**5:** I	**5:** -
				6: EVAP Canister Vent		

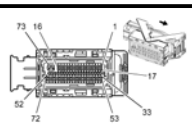
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6: 6	**6:** 0.75	**6:** WH	**6:** 1310	Solenoid Control	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** GY/BK	**7:** 3097	**7:** 5 Volt Reference	**7:** I	**7:** MZ0
8-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** D-BU	**10:** 2500	**10:** High Speed GMLAN Serial Data (+) (1)	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** WH	**11:** 2501	**11:** High Speed GMLAN Serial Data (-) (1)	**11:** I	**11:** -
12: 12	**12:** 0.75	**12:** RD/WH	**12:** 140	**12:** Battery Positive Voltage	**12:** II	**12:** -
13	-	-	-	Not Occupied	-	-
14: 14	**14:** 0.75	**14:** VT/GY	**14:** 139	**14:** Run/Crank Ignition 1 Voltage	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** BN/YE	**15:** 473	**15:** High Speed Cooling Fan Relay Control	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** YE	**16:** 5991	**16:** Powertrain Relay Coil Control	**16:** I	**16:** -
17-18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** BN/RD	**19:** 1274	**19:** Accelerator Pedal Position 5 Volt Reference (2)	**19:** I	**19:** -
20: 20	**20:** 0.5	**20:** BK/L-BU	**20:** 1271	**20:** Accelerator Pedal Position Low Reference (1)	**20:** I	**20:** -
21: 21	**21:** 0.5	**21:** BK/VT	**21:** 1272	**21:** Accelerator Pedal Position Low Reference (2)	**21:** I	**21:** -
22	-	-	-	Not Occupied	-	-
23: 23	**23:** 0.5	**23:** BK/GY	**23:** 6110	**23:** Clutch Apply Sensor Low Reference	**23:** I	**23:** MZ0
24: 24	**24:** 0.5	**24:** BK/VT	**24:** 2760	**24:** Intake Air Temperature Sensor Low Reference	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** WH/D-BU	**25:** 6311	**25:** Cruise/ETC/TCC Brake Signal	**25:** I	**25:** -
26: 26	**26:** 0.5	**26:** D-GN	**26:** 275	**26:** Park Neutral Position Switch Park Signal	**26:** I	**26:** MH8
27: 27	**27:** 0.5	**27:** L-GN	**27:** 3098	**27:** Output Speed	**27:** I	**27:** Digital) Signal (MZ0
28: 28	**28:** 0.5	**28:** L-GN/WH	**28:** 5007	**28:** Reverse Switch Signal	**28:** I	**28:** MZ0
29: 29	**29:** 0.5	**29:** YE/BK	**29:** 625	**29:** Starter Enable Relay Control	**29:** I	**29:** -
30-31	-	-	-	Not Occupied	-	-
32: 32	**32:** 0.5	**32:** GY/RD	**32:** 6109	**32:** Clutch Apply Sensor Voltage Reference	**32:** I	**32:** MZ0
33: 33	**33:** 0.5	**33:** BN/RD	**33:** 2700	**33:** A/C Pressure Sensor 5 Volt Reference	**33:** I	**33:** -
				34: Fuel Tank Pressure		

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34: 34	**34:** 0.5	**34:** YE/RD	**34:** 2709	Sensor 5 Volt Reference	**34:** I	**34:** -
35	-	-	-	Not Occupied	-	-
36: 36	**36:** 0.5	**36:** VT/YE	**36:** 5985	**36:** Accessory Wakeup Serial Data	**36:** I	**36:** -
37	-	-	-	Not Occupied	-	-
38: 38	**38:** 0.5	**38:** BK/D-GN	**38:** 6281	**38:** Fuel Level Sensor Low Reference	**38:** I	**38:** -
39	-	-	-	Not Occupied	-	-
40: 40	**40:** 0.5	**40:** YE/WH	**40:** 1161	**40:** Accelerator Pedal Position Signal (1)	**40:** I	**40:** -
41: 41	**41:** 0.5	**41:** D-GN	**41:** 380	**41:** A/C Refrigerant Pressure Sensor Signal	**41:** I	**41:** -
42: 42	**42:** 0.5	**42:** D-GN/WH	**42:** 1162	**42:** Accelerator Pedal Position Signal (2)	**42:** I	**42:** -
43: 43	**43:** 0.5	**43:** D-BU	**43:** 6814	**43:** Thermostat Engine Cool Control	**43:** I	**43:** -
44: 44	**44:** 0.5	**44:** D-GN/VT	**44:** 335	**44:** Low Speed Cooling Fan Relay Control	**44:** I	**44:** -
45: 45	**45:** 0.5	**45:** BK/BN	**45:** 5514	**45:** A/C Refrigerant Pressure Sensor Low Reference	**45:** I	**45:** -
46: 46	**46:** 0.5	**46:** BK/D-BU	**46:** 6813	**46:** Coolant Temperature Sensor #2 Low Reference	**46:** I	**46:** -
47: 47	**47:** 0.5	**47:** WH/BK	**47:** 3096	**47:** 5 Volt Reference	**47:** I	**47:** MZ0
48-50	-	-	-	Not Occupied	-	-
51: 51	**51:** 0.5	**51:** L-GN/WH	**51:** 492	**51:** Mass Air Flow Sensor Signal	**51:** I	**51:** -
52: 52	**52:** 0.5	**52:** D-BU/VT	**52:** 1589	**52:** Primary Fuel Level Sensor Signal	**52:** I	**52:** -
53: 53	**53:** 0.5	**53:** YE/BK	**53:** 3000	**53:** Coolant Temperature Sensor #2 Signal	**53:** I	**53:** -
54: 54	**54:** 0.5	**54:** BN/VT	**54:** 472	**54:** Intake Air Temperature Sensor Signal	**54:** I	**54:** -
55: 55	**55:** 0.5	**55:** D-BU/WH	**55:** 890	**55:** Fuel Tank Pressure Sensor Signal	**55:** I	**55:** -
56: 56	**56:** 0.5	**56:** YE	**56:** 6111	**56:** Clutch Apply Sensor Signal	**56:** I	**56:** MZ0

K20 ENGINE CONTROL MODULE X2 (LUW/LWE)



Connector Part Information

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- Harness Type: Engine
- OEM Connector: PPI0001016
- Service Connector: 13355865
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J
II	13582275	J-35616-64B (L-BU)	J-38125-12A	1719532-5	7	J	J
III	13581360	Pending	Pending	Not Available	Not Available	Not Available	Not Available

K20 Engine Control Module X2 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN	**1:** 25	**1:** Charge Indicator Control	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** L-GN	**3:** 1668	**3:** Heated Oxygen Sensor High Signal Bank 1 Sensor (2)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** L-GN	**4:** 1665	**4:** Heated Oxygen Sensor High Signal Bank 1 Sensor (1)	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BN/D-GN	**5:** 485	**5:** Throttle Position Sensor Signal (1)	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** L-GN/WH	**8:** 432	**8:** Manifold Absolute Pressure Sensor Signal	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** BN/D-BU	**9:** 486	**9:** Throttle Position Sensor Signal (2)	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** YE/WH	**10:** 1669	**10:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (2)	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** VT/BK	**11:** 5273	**11:** Camshaft Position Exhaust Sensor (1)	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** BN/YE	**12:** 844	**12:** Fuel Injector Control (4)	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** BK/VT	**13:** 6754	**13:** Cam Phaser X Return Low Reference	**13:** I	**13:** -

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14: 14	**14:** 0.5	**14:** GY/D-BU	**14:** 5282	**14:** Camshaft Phaser Exhaust Solenoid (1)	**14:** I	**14:** -
15: 15	**15:** 0.5	**15:** BK/BN	**15:** 6753	**15:** Cam Phaser W Return Low Reference	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** YE/WH	**16:** 1745	**16:** Fuel Injector Control (2)	**16:** I	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** VT/D-BU	**18:** 6270	**18:** Crankshaft 60X Sensor Voltage	**18:** I	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** YE/BN	**20:** 1664	**20:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (1)	**20:** I	**20:** -
21: 21	**21:** 0.5	**21:** GY	**21:** 23	**21:** Generator Field Duty Cycle Signal	**21:** I	**21:** -
22-23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** YE/L-BU	**24:** 231	**24:** Oil Pressure Switch Signal	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** L-GN/VT	**25:** 2032	**25:** Coolant Temperature Sensor Signal	**25:** I	**25:** -
26: 26	**26:** 0.5	**26:** L-GN	**26:** 6271	**26:** Crankshaft 60X Sensor Signal	**26:** I	**26:** -
27: 27	**27:** 0.5	**27:** YE/VT	**27:** 5275	**27:** Camshaft Position Intake Sensor (1)	**27:** I	**27:** -
28	-	-	-	Not Occupied	-	-
29: 29	**29:** 0.5	**29:** GY/L-GN	**29:** 7303	**29:** Intake Manifold Tuning Valve (IMTV) Position - Signal	**29:** I	**29:** -
30-31	-	-	-	Not Occupied	-	-
32: 32	**32:** 0.5	**32:** VT/BN	**32:** 5284	**32:** Camshaft Phaser Intake Solenoid (1)	**32:** I	**32:** -
33: 33	**33:** 0.5	**33:** GY/YE	**33:** 5297	**33:** Camshaft Position Exhaust Sensor Supply Voltage (1)	**33:** I	**33:** -
34	-	-	-	Not Occupied	-	-
35: 35	**35:** 0.5	**35:** VT/GY	**35:** 496	**35:** Knock Sensor Signal (1)	**35:** I	**35:** -
36: 36	**36:** 0.5	**36:** GY/RD	**36:** 2704	**36:** Manifold Absolute Pressure Sensor 5 Volt Reference	**36:** I	**36:** -
37-38	-	-	-	Not Occupied	-	-
39: 39	**39:** 0.5	**39:** BK/GY	**39:** 5296	**39:** Camshaft Position Exhaust Sensor Low Reference (1)	**39:** I	**39:** -

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40: 40	**40:** 0.5	**40:** BK/L-GN	**40:** 5301	**40:** Camshaft Position Intake Sensor Low Reference (1)	**40:** I	**40:** -
41-43	-	-	-	Not Occupied	-	-
44: 44	**44:** 0.5	**44:** D-BU	**44:** 7302	**44:** Intake Manifold Tuning Valve (IMTV) Control - Signal	**44:** I	**44:** -
45: 45	**45:** 0.5	**45:** BK/VT	**45:** 6272	**45:** Crankshaft 60X Sensor Low Reference	**45:** I	**45:** -
46: 46	**46:** 0.75	**46:** YE/D-BU	**46:** 2124	**46:** Ignition Control (4)	**46:** I	**46:** -
47: 47	**47:** 0.75	**47:** L-BU/WH	**47:** 2122	**47:** Ignition Control (2)	**47:** I	**47:** -
48	-	-	-	Not Occupied	-	-
49: 49	**49:** 0.75	**49:** BK/D-BU	**49:** 2129	**49:** Low Reference	**49:** II	**49:** -
50: 50	**50:** 0.5	**50:** BN/VT	**50:** 1744	**50:** Fuel Injector Control (1)	**50:** I	**50:** -
51: 51	**51:** 0.5	**51:** BN/VT	**51:** 1746	**51:** Fuel Injector Control (3)	**51:** I	**51:** -
52: 52	**52:** 0.75	**52:** L-GN/VT	**52:** 1423	**52:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (2)	**52:** II	**52:** -
53	-	-	-	Not Occupied	-	-
54: 54	**54:** 0.5	**54:** GY/D-BU	**54:** 5300	**54:** Camshaft Position Intake Sensor Supply Voltage (1)	**54:** I	**54:** -
55: 55	**55:** 0.5	**55:** BK/YE	**55:** 1716	**55:** Knock Sensor Low Reference (1)	**55:** I	**55:** -
56: 56	**56:** 0.5	**56:** BN/RD	**56:** 2701	**56:** Throttle Position Sensor 5 Volt Reference	**56:** I	**56:** -
57-59	-	-	-	Not Occupied	-	-
60: 60	**60:** 0.5	**60:** BK/BN	**60:** 2752	**60:** Throttle Position Sensor Low Reference	**60:** I	**60:** -
61	-	-	-	Not Occupied	-	-
62: 62	**62:** 0.5	**62:** BK/L-GN	**62:** 469	**62:** Manifold Absolute Pressure Sensor Low Reference	**62:** I	**62:** -
63	-	-	-	Not Occupied	-	-
64: 64	**64:** 0.5	**64:** BK/BN	**64:** 2761	**64:** Coolant Temperature Sensor Low Reference	**64:** I	**64:** -
65	-	-	-	Not Occupied	-	-
66: 66	**66:** 0.75	**66:** L-GN/D-BU	**66:** 428	**66:** EVAP Canister Purge Solenoid Control	**66:** II	**66:** -

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67	-	-	-	Not Occupied	-	-
68: 68	**68:** 0.75	**68:** BN/WH	**68:** 582	**68:** Throttle Actuator Control Close	**68:** II	**68:** -
69: 69	**69:** 0.75	**69:** YE	**69:** 581	**69:** Throttle Actuator Control Open	**69:** II	**69:** -
70: 70	**70:** 0.75	**70:** BU/VT	**70:** 2121	**70:** Ignition Control (1)	**70:** II	**70:** -
71: 71	**71:** 0.75	**71:** L-GN/D-BU	**71:** 2123	**71:** Ignition Control (3)	**71:** II	**71:** -
72: 72	**72:** 0.75	**72:** GY/WH	**72:** 3113	**72:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (1)	**72:** II	**72:** -
73: 73	**73:** 2.5	**73:** BK	**73:** 450	**73:** Ground	**73:** III	**73:** -

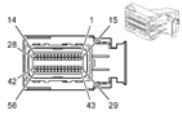
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2013 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

K20 ENGINE CONTROL MODULE X1 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12582680
- Service Connector: 88988373
- Description: 56-Way F MX123 34576 Series, Sealed (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J
II	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	K	K

K20 Engine Control Module X1 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** L-GN/WH	**2:** 1162	**2:** Accelerator Pedal Position Signal (2)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GN/WH	**3:** 492	**3:** Mass Air Flow Sensor Signal	**3:** I	**3:** -
4-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** BN/GY	**8:** 4008	**8:** Humidity Sensor Signal	**8:** -	**8:** -
9: 9	**9:** 0.5	**9:** YE/WH	**9:** 3200	**9:** Throttle Inlet Absolute Pressure Sensor Signal	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** YE/WH	**10:** 1161	**10:** Accelerator Pedal Position Signal (1)	**10:** I	**10:** -
11:				**11:** Pre Throttle Air Temp		

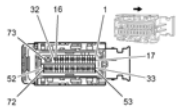
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11	**11:** 0.5	**11:** L-GN	**11:** 7330	and Press (TMAP) Air Pressure Signal	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** L-GN	**12:** 380	**12:** A/C Refrigerant Pressure Sensor Signal	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** BK/BN	**13:** 5514	**13:** Low Reference	**13:** I	**13:** -
14-15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5	**16:** BN/RD	**16:** 1274	**16:** 5 Volt Reference	**16:** I	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** BU	**18:** 5985	**18:** Accessory Wakeup Serial Data	**18:** I	**18:** -
19: 19	**19:** 0.75	**19:** VT/D-BU	**19:** 139	**19:** Run/Crank Ignition 1 Voltage	**19:** II	**19:** -
20: 20	**20:** 0.75	**20:** RD/WH	**20:** 140	**20:** Battery Positive Voltage	**20:** II	**20:** -
21-22	-	-	-	Not Occupied	-	-
23: 23	**23:** 0.5	**23:** WH/RD	**23:** 3201	**23:** 5 Volt Reference	**23:** I	**23:** -
24: 24	**24:** 0.5	**24:** BN/RD	**24:** 1164	**24:** 5 Volt Reference	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** BN/RD	**25:** 7331	**25:** 5 Volt Reference	**25:** I	**25:** -
26: 26	**26:** 0.5	**26:** BN/RD	**26:** 2700	**26:** 5 Volt Reference	**26:** I	**26:** -
27: 27	**27:** 0.5	**27:** YE/BK	**27:** 625	**27:** Starter Enable Relay Control	**27:** I	**27:** -
28: 28	**28:** 0.5	**28:** L-GN/GY	**28:** 465	**28:** Fuel Pump Primary Relay Control	**28:** I	**28:** -
29: 29	**29:** 0.5	**29:** L-BU	**29:** 2500	**29:** High Speed GMLAN Serial Data (+) (1)	**29:** I	**29:** -
30: 30	**30:** 0.5	**30:** BN/VT	**30:** 1272	**30:** Low Reference	**30:** I	**30:** -
31: 31	**31:** 0.5	**31:** BK/VT	**31:** 2760	**31:** Low Reference	**31:** II	**31:** -
32: 32	**32:** BK/L-BU	**32:** BK/L-BU	**32:** 6813	**32:** Low Reference	**32:** I	**32:** -
33: 33	**33:** 0.5	**33:** WH/D-BU	**33:** 6311	**33:** Cruise/ETC/TCC Brake Signal	**33:** I	**33:** -
34: 34	**34:** 0.5	**34:** L-GN	**34:** 275	**34:** Park Neutral Position Switch Park Signal	**34:** I	**34:** MH8
35-36	-	-	-	Not Occupied	-	-
37: 37	**37:** 0.5	**37:** BK/YE	**37:** 6014	**37:** Low Reference	**37:** I	**37:** -

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38: 38	**38:** 0.5	**38:** BK/VT	**38:** 1271	**38:** Low Reference	**38:** I	**38:** -
39: 39	**39:** 0.5	**39:** BK/L-GN	**39:** 7332	**39:** Low Reference	**39:** I	**39:** -
40: 40	**40:** 0.5	**40:** YE	**40:** 5991	**40:** Powertrain Relay Coil Control	**40:** I	**40:** -
41: 41	**41:** 0.5	**41:** L-GN/VT	**41:** 335	**41:** Low Speed Cooling Fan Relay Control	**41:** I	**41:** -
42	-	-	-	Not Occupied	-	-
43: 43	**43:** 0.5	**43:** WH	**43:** 2501	**43:** High Speed GMLAN Serial Data (-) (1)	**43:** I	**43:** -
44	-	-	-	Not Occupied	-	-
45: 45	**45:** 0.5	**45:** BN/VT	**45:** 472	**45:** Intake Air Temperature Sensor Signal	**45:** I	**45:** -
46: 46	**46:** 0.5	**46:** YE/BK	**46:** 3000	**46:** Coolant Temperature Sensor #2 Signal	**46:** I	**46:** -
47: 47	**47:** 0.5	**47:** L-BU/WH	**47:** 25	**47:** Charge Indicator Control	**47:** I	**47:** -
48-51	-	-	-	Not Occupied	-	-
52: 52	**52:** 0.5	**52:** BN/WH	**52:** 419	**52:** Check Engine Indicator Control	**52:** I	**52:** -
53	-	-	-	Not Occupied	-	-
54: 54	**54:** 0.5	**54:** BN/YE	**54:** 473	**54:** High Speed Cooling Fan Relay Control	**54:** I	**54:** -
55	-	-	-	Not Occupied	-	-
56: 56	**56:** 0.5	**56:** WH	**56:** 1310	**56:** EVAP Canister Vent Solenoid Control	**56:** I	**56:** -

K20 ENGINE CONTROL MODULE X2 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12582677
- Service Connector: 88988931
- Description: 73-Way F 0.64 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal Removal	Service	Tray	Core	Insulation

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Type ID	Lead	Test Probe	Tool	Terminal		Crimp	Crimp
I	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J
II	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	K	K
III	13575291	J-35616-35 (VT)	J-38125-11A	7116-4152-02	9	A	5

K20 Engine Control Module X2 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-BU/VT	**1:** 2121	**1:** Ignition Control (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/VT	**2:** 1744	**2:** Fuel Injector Control (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/YE	**3:** 1746	**3:** Fuel Injector Control (3)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BN	**4:** 844	**4:** Fuel Injector Control (4)	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** YE/WH	**5:** 1745	**5:** Fuel Injector Control (2)	**5:** I	**5:** -
6-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.75	**10:** GY/D-BU	**10:** 5282	**10:** Camshaft Phaser Exhaust Solenoid (1)	**10:** II	**10:** -
11: 11	**11:** 0.75	**11:** VT/BN	**11:** 5284	**11:** Camshaft Phaser Intake Solenoid (1)	**11:** II	**11:** -
12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.75	**13:** RD/D-BU	**13:** 5290	**13:** Powertrain Main Relay Fused Supply (1)	**13:** II	**13:** -
14: 14	**14:** 0.5	**14:** L-BU	**14:** 6814	**14:** Thermostat Engine Cool Control	**14:** I	**14:** -
15: 15	**15:** 0.5	**15:** BN/RD	**15:** 581	**15:** Throttle Actuator Control Open	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** BN/WH	**16:** 582	**16:** Throttle Actuator Control Close	**16:** I	**16:** -
17: 17	**17:** 0.5	**17:** L-GN/L-BU	**17:** 2123	**17:** Ignition Control (3)	**17:** I	**17:** -
18-19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** BK/VT	**20:** 6272	**20:** Low Reference	**20:** I	**20:** -
21: 21	**21:** 0.5	**21:** BK/GY	**21:** 6267	**21:** Camshaft CAM X Ground	**21:** I	**21:** -
22-23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** BK/L-GN	**24:** 6266	**24:** Camshaft CAM W Ground	**24:** I	**24:** -
25-27	-	-	-	Not Occupied	-	-
28: 28	**28:** 0.75	**28:** RD/D-BU	**28:** 5290	**28:** Powertrain Main Relay Fused Supply (1)	**28:** II	**28:** -
29: 29	**29:**	**29:** BN/WH	**29:** 6783	**29:** Low Reference	**29:** II	**29:** -

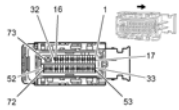
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	0.75					
30: 30	**30:** 0.75	**30:** BK/VT	**30:** 6754	**30:** Low Reference	**30:** II	**30:** -
31: 31	**31:** 0.75	**31:** YE/D-BU	**31:** 231	**31:** Oil Pressure Switch Signal	**31:** II	**31:** -
32	-	-	-	Not Occupied	-	-
33: 33	**33:** 0.5	**33:** YE/D-BU	**33:** 2124	**33:** Ignition Control (4)	**33:** I	**33:** -
34	-	-	-	Not Occupied	-	-
35: 35	**35:** 0.5	**35:** BK/L-BU	**35:** 2129	**35:** Low Reference	**35:** I	**35:** -
36: 36	**36:** 0.5	**36:** VT/L-BU	**36:** 6270	**36:** Crankshaft 60X Sensor Voltage	**36:** I	**36:** -
37: 37	**37:** 0.5	**37:** GY/YE	**37:** 6457	**37:** Camshaft CAM X Supply Voltage	**37:** I	**37:** -
38-39	-	-	-	Not Occupied	-	-
40: 40	**40:** 0.5	**40:** GY/L-BU	**40:** 6259	**40:** Camshaft CAM W Supply Voltage	**40:** I	**40:** -
41-42	-	-	-	Not Occupied	-	-
43: 43	**43:** 0.75	**43:** BN/RD	**43:** 416	**43:** 5 Volt Reference	**43:** II	**43:** -
44: 44	**44:** 0.75	**44:** BK/YE	**44:** 2752	**44:** Low Reference	**44:** II	**44:** -
45	-	-	-	Not Occupied	-	-
46: 46	**46:** 0.5	**46:** GY	**46:** 5641	**46:** Turbo Boost Pressure Sensor Temperature Signal	**46:** I	**46:** -
47: 47	**47:** 0.5	**47:** BK/L-GN	**47:** 1664	**47:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (1)	**47:** I	**47:** -
48	-	-	-	Not Occupied	-	-
49: 49	**49:** 0.5	**49:** BK/YE	**49:** 1716	**49:** Low Reference	**49:** I	**49:** -
50-52	-	-	-	Not Occupied	-	-
53: 53	**53:** 0.5	**53:** L-BU/WH	**53:** 2122	**53:** Ignition Control (2)	**53:** I	**53:** -
54-55	-	-	-	Not Occupied	-	-
56: 56	**56:** 0.5	**56:** L-GN	**56:** 6271	**56:** Crankshaft 60X Sensor Signal	**56:** I	**56:** -
57: 57	**57:** 0.5	**57:** VT/BK	**57:** 6264	**57:** Camshaft CAM X Signal	**57:** I	**57:** -
58-59	-	-	-	Not Occupied	-	-
60: 60	**60:** 0.5	**60:** YE/VT	**60:** 6265	**60:** Camshaft CAM W Signal	**60:** I	**60:** -
61-62	-	-	-	Not Occupied	-	-
63: 63	**63:** 0.5	**63:** BN/L-GN	**63:** 485	**63:** Throttle Position Sensor Signal (1)	**63:** I	**63:** -
64	-	-	-	Not Occupied	-	-

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65: 65	**65:** 0.5	**65:** BN/D-BU	**65:** 486	**65:** Throttle Position Sensor Signal (2)	**65:** I	**65:** -
66	-	-	-	Not Occupied	-	-
67: 67	**67:** 0.5	**67:** L-GN	**67:** 1665	**67:** Heated Oxygen Sensor High Signal Bank 1 Sensor (1)	**67:** I	**67:** -
68	-	-	-	Not Occupied	-	-
69: 69	**69:** 0.5	**69:** VT/GY	**69:** 496	**69:** Knock Sensor Signal (1)	**69:** I	**69:** -
70-71	-	-	-	Not Occupied	-	-
72: 72	**72:** 0.75	**72:** GY/WH	**72:** 3113	**72:** Heated Oxygen Sensor Heater Low Control Bank 1 Sensor (1)	**72:** II	**72:** -
73: 73	**73:** 2.5	**73:** BK	**73:** 450	**73:** Ground	**73:** III	**73:** -

K20 ENGINE CONTROL MODULE X3 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12582678
- Service Connector: 88988372
- Description: 73-Way F 0.64 2.8 Series, Sealed (BK with GY Terminal Position Assurance Lock)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	J	J
II	13575812	J-35616-64B (L-BU)	J-38125-213	33467-0005	23	K	K

K20 Engine Control Module X3 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GN/WH	**1:** 5007	**1:** Reverse Switch Signal	**1:** I	**1:** MF3
2-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** L-GN/L-BU	**10:** 428	**10:** EVAP Canister Purge Solenoid Control	**10:** I	**10:** -

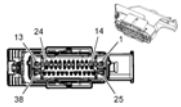
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11-12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.5	**13:** BN/YE	**13:** 5268	**13:** Overrun Air Valve Solenoid	**13:** I	**13:** -
14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.75	**15:** BN/RD	**15:** 258	**15:** Waste Gate Solenoid Control	**15:** II	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.75	**17:** GY	**17:** 23	**17:** Generator Field Duty Cycle Signal	**17:** II	**17:** -
18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** WH/BK	**19:** 3097	**19:** Low Reference	**19:** I	**19:** MF3
20-21	-	-	-	Not Occupied	-	-
22: 22	**22:** 0.5 **22:** 0.5	**22:** BK/GY **22:** BK/BN	**22:** 6110 **22:** 5382	**22:** Low Reference **22:** Low Reference	**22:** I	**22:** MF3 **22:** MH8
23-26	-	-	-	Not Occupied	-	-
27: 27	**27:** 0.5	**27:** BN/D-GN	**27:** 6281	**27:** Low Reference	**27:** I	**27:** -
28: 28	**28:** 0.5	**28:** BN/RD	**28:** 2704	**28:** 5 Volt Reference	**28:** I	**28:** -
29: 29	**29:** 0.5	**29:** BK/L-GN	**29:** 469	**29:** Low Reference	**29:** I	**29:** -
30: 30	**30:** 0.75	**30:** BK/D-BU	**30:** 2761	**30:** Low Reference	**30:** II	**30:** -
31	-	-	-	Not Occupied	-	-
32: 32	**32:** 0.75	**32:** BN/GY	**32:** 5035	**32:** Heated Oxygen Sensor Heater High Control Bank 1 Sensor (2)	**32:** II	**32:** -
33-34	-	-	-	Not Occupied	-	-
35: 35	**35:** 0.5	**35:** GY/BK	**35:** 3096	**35:** 5 Volt Reference	**35:** I	**35:** MF3
36-37	-	-	-	Not Occupied	-	-
38: 38	**38:** 0.5 **38:** 0.5	**38:** GY/RD **38:** WH	**38:** 6109 **38:** 5381	**38:** Clutch Apply Sensor Voltage Reference **38:** 5 Volt Reference	**38:** I	**38:** MF3 **38:** MH8
39-42	-	-	-	Not Occupied	-	-
43: 43	**43:** 0.5	**43:** YE/RD	**43:** 2709	**43:** 5 Volt Reference	**43:** I	**43:** -
44	-	-	-	Not Occupied	-	-
45: 45	**45:** 0.5	**45:** L-GN/WH	**45:** 432	**45:** Manifold Absolute Pressure Sensor Signal	**45:** I	**45:** -
46: 46	**46:** 0.75	**46:** D-BU	**46:** 410	**46:** Engine Coolant Temperature Sensor Signal	**46:** II	**46:** -
47-54	-	-	-	Not Occupied	-	-
55: 55	**55:** 0.5	**55:** GN	**55:** 3098	**55:** Output Speed	**55:** I	**55:** Digital) Signal (MF3
56-57	-	-	-	Not Occupied	-	-
58: 58	**58:** 0.5	**58:** YE	**58:** 6111	**58:** Clutch Apply Sensor Signal	**58:** I	**58:** MF3

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	58: 0.5	**58:** L-BU/YE	**58:** 5380	**58:** Brake Position Sensor Signal		**58:** MH8
59-62	-	-	-	Not Occupied	-	-
63: 63	**63:** 0.5	**63:** L-BU/WH	**63:** 890	**63:** Fuel Tank Pressure Sensor Signal	**63:** I	**63:** -
64: 64	**64:** 0.5	**64:** L-BU/VT	**64:** 1589	**64:** Primary Fuel Level Sensor Signal	**64:** I	**64:** -
65-66	-	-	-	Not Occupied	-	-
67: 67	**67:** 0.5	**67:** L-GN	**67:** 1668	**67:** Heated Oxygen Sensor High Signal Bank 1 Sensor (2)	**67:** I	**67:** -
68: 68	**68:** 0.5	**68:** BK/L-GN	**68:** 1669	**68:** Heated Oxygen Sensor Low Signal Bank 1 Sensor (2)	**68:** I	**68:** -
69-73	-	-	-	Not Occupied	-	-

K27 FUEL PUMP CONTROL MODULE



Connector Part Information

- Harness Type: Body
- OEM Connector: 13638773
- Service Connector: 13574909
- Description: 38-Way F, Sealed (BK/GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576407	J-35616-4A (PU)	J-38125-553	15304720	19	4	5
II	13578883	J-35616-64B (L-BU)	J-38125-215A	SAITS-A03T-M064	14	9	9

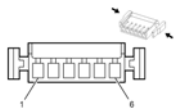
K27 Fuel Pump Control Module

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** RD/GY	**1:** 1740	**1:** Battery Positive Voltage	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
				3: Shutter Actuator		

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3: 3	**3:** 0.5	**3:** GY/BK	**3:** 3437	Solenoid Control	**3:** II	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 0.5	**5:** D-BU	**5:** 2500	**5:** High Speed GMLAN Serial Data Bus (+)	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** D-BU	**6:** 2500	**6:** High Speed GMLAN Serial Data Bus (+)	**6:** II	**6:** -
7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** WH/D-BU	**8:** 5986	**8:** Serial Data Communication Enable	**8:** II	**8:** -
9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** D-BU/WH	**10:** 7446	**10:** Fuel Pressure Sensor Signal	**10:** II	**10:** -
11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** GY/BK	**12:** 3437	**12:** Shutter Actuator Solenoid Control	**12:** II	**12:** -
13: 13	**13:** 2.5	**13:** GY	**13:** 120	**13:** Fuel Pump Control	**13:** I	**13:** -
14-16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** WH	**17:** 2501	**17:** High Speed GMLAN Serial Data Bus (-)	**17:** II	**17:** -
18: 18	**18:** 0.5	**18:** WH	**18:** 2501	**18:** High Speed GMLAN Serial Data Bus (-)	**18:** II	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** D-GN/GY	**20:** 465	**20:** Fuel Pump Relay Control	**20:** II	**20:** -
21: 21	**21:** 0.5	**21:** VT/BK	**21:** 739	**21:** Ignition Voltage	**21:** II	**21:** -
22: 22	**22:** 0.5	**22:** OG/RD	**22:** 7445	**22:** Fuel Line Pressure Sensor 5V Reference	**22:** II	**22:** -
23: 23	**23:** 0.5	**23:** BK/YE	**23:** 7447	**23:** Low reference	**23:** II	**23:** -
24: 24	**24:** 0.5	**24:** BK	**24:** 120	**24:** Shield	**24:** II	**24:** -
25: 25	**25:** 2.5	**25:** BK	**25:** 2350	**25:** Ground	**25:** I	**25:** -
26-37	-	-	-	Not Occupied	-	-
38: 38	**38:** 2.5	**38:** BK/D-GN	**38:** 1580	**38:** Low reference	**38:** I	**38:** -

K29 SEAT HEATING CONTROL MODULE X1 (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13527997

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- Service Connector: Service by Harness- See Part Catalog
- Description: 2-Way F Metri-Pack 280 Series (BK)

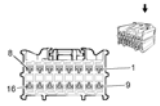
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness- See Part Catalog	Pending	Not Available	Service by Harness- See Part Catalog	Service by Harness- See Part Catalog	Not Available	Not Available

K29 Seat Heating Control Module X1 (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** BK	**A:** 2150	**A:** Ground	**A:** I	**A:** -
B: B	**B:** 2.5	**B:** RD	**B:** 2040	**B:** Battery Positive Voltage	**B:** I	**B:** -

K29 SEAT HEATING CONTROL MODULE X2 (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13520382
- Service Connector: 13503876
- Description: 16-Way F GT FBT 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

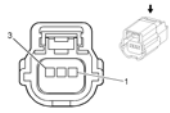
K29 Seat Heating Control Module X2 (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** BK	**1:** 2424	**1:** Driver Heated Back Element Return	**1:** I	**1:** -

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2: 2	**2:** 1	**2:** BK	**2:** 2433	**2:** Passenger Heated Back Element Return	**2:** I	**2:** -
3: 3	**3:** 1	**3:** YE	**3:** 2077	**3:** Driver Heated Seat Element Control	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 1	**5:** YE	**5:** 2479	**5:** Passenger Heated Seat Element Control	**5:** I	**5:** -
6-12	-	-	-	Not Occupied	-	-
13: 13	**13:** 0.5	**13:** BK	**13:** 2080	**13:** Driver Heated Seat NTC Low Reference	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** BK	**14:** 2435	**14:** Passenger Heated Seat NTC Low Reference	**14:** I	**14:** -
15: 15	**15:** 0.5	**15:** YE	**15:** 7018	**15:** Cushion NTC Signal	**15:** I	**15:** -
16	-	-	-	Not Occupied	-	-

K29 SEAT HEATING CONTROL MODULE X3 (KA1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15477027
- Service Connector: 88988229
- Description: 12-Way F Micro HVT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575550	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

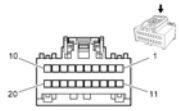
K29 Seat Heating Control Module X3 (KA1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** RD	**3:** 2079	**3:** Driver Heated Seat NTC Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD	**4:** 2434	**4:** Passenger Heated Seat NTC Signal	**4:** I	**4:** -
5-10	-	-	-	Not Occupied	-	-

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11: 11	**11:** 0.5	**11:** D-BU	**11:** 5060	**11:** Low Speed GMLAN Serial Data	**11:** I	**11:** -
12	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13611322
- Service Connector: 13576644
- Description: 20-Way F 0.64 Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582250	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

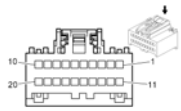
K33 HVAC Control Module X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.35	**2:** GY/D-GN	**2:** 7565	**2:** Windscreen Temp Sensor Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/WH	**3:** 5203	**3:** Air Quality Sensor Signal	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** D-BU/WH	**4:** 734	**4:** Inside Air Temperature Sensor Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** YE/D-BU	**5:** 3197	**5:** Humidity Temperature Sensor Signal	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** YE/RD	**6:** 597	**6:** 5V Reference	**6:** I	**6:** -
7: 7	**7:** 0.35	**7:** BK/D-BU	**7:** 7566	**7:** Low Reference	**7:** I	**7:** -
8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.35	**12:** GY/D-BU	**12:** 7564	**12:** Humidity Sensor Signal	**12:** I	**12:** -
13: 13	**13:** 0.35	**13:** D-BU	**13:** 1120	**13:** Solar Sensor Pulsed Supply Voltage	**13:** I	**13:** -
14-15	-	-	-	Not Occupied	-	-

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16: 16	**16:** 0.75	**16:** BK	**16:** 1650	**16:** Ground	**16:** I	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** BN	**18:** 404	**18:** Upper Air Temperature Sensor Signal	**18:** I	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.35	**20:** GY	**20:** 590	**20:** Solar Sensor Driver Signal	**20:** I	**20:** -

K33 HVAC CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15126709
- Service Connector: 15126709
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

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

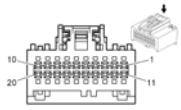
K33 HVAC Control Module X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** RD/YE	**1:** 240	**1:** Battery Positive Voltage	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** L-GN	**3:** 5060	**3:** Low Speed GMLAN Serial Data	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** L-GN/YE	**4:** 7531	**4:** Linear Interconnect Network Bus 9	**4:** I	**4:** -
5-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.75	**8:** BK	**8:** 1650	**8:** Ground	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** VT/WH	**9:** 239	**9:** Ignition Voltage	**9:** I	**9:** -
10: 10	**10:** .5 D-BU/YE	**10:** .5 D-BU/YE	**10:** 7574	**10:** Electric Variable Displacement Control	**10:** I	**10:** -

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11: 11	**11:** .5 L-BU/BN	**11:** .5 L-BU/BN	**11:** 7573	**11:** Electric Variable Displacement Supply	**11:** I	**11:** -
12-14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** D-BU/GY	**15:** 754	**15:** Blower Motor Speed Control	**15:** I	**15:** -
16-18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** BN/VT	**19:** 193	**19:** Rear Defog Relay Control	**19:** I	**19:** -
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X3



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15126711
- Service Connector: 15126711
- Description: 20-Way F 64 Series (BK)

Terminal Part Information

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

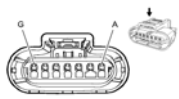
K33 HVAC Control Module X3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY/D-GN	**1:** 516	**1:** Upper Left Air Temperature Sensor Signal	**1:** I	**1:** C68
2: 2	**2:** 0.5	**2:** YE	**2:** 936	**2:** Mode Door Stepper Motor Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** WH/RD	**3:** 931	**3:** Mode Door Stepper Motor Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/BN	**4:** 926	**4:** Mode Door Stepper Motor Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/WH	**5:** 925	**5:** Mode Door Stepper Motor Control	**5:** I	**5:** -
6-8	-	-	-	Not Occupied	-	-

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9: 9	**9:** 0.5	**9:** BK	**9:** 720	**9:** Sensor Low Reference	**9:** I	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** D-GN	**11:** 933	**11:** Air Temperature Door Control	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** WH/RD	**12:** 932	**12:** Air Temperature Door Control	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** GY/RD	**13:** 930	**13:** Air Temperature Door Control	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** RD/BK	**14:** 929	**14:** Air Temperature Door Control	**14:** I	**14:** -
15: 15	**15:** 0.5	**15:** OG	**15:** 943	**15:** 5-Volt Reference	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** GY	**16:** 929	**16:** Recirculation Door Control	**16:** I	**16:** -
17: 17	**17:** 0.5	**17:** D-BU/WH	**17:** 929	**17:** Recirculation Door Control	**17:** I	**17:** -
18: 18	**18:** 0.5	**18:** BN/D-GN	**18:** 929	**18:** Recirculation Door Control	**18:** I	**18:** -
19: 19	**19:** 0.5	**19:** RD/D-GN	**19:** 929	**19:** Recirculation Door Control	**19:** I	**19:** -
20: 20	**20:** 0.5	**20:** BK/GY	**20:** 6137	**20:** EVAP Core Temperature Sensor Signal	**20:** I	**20:** -

K35 IGNITION COIL MODULE



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55563971
- Service Connector: 13355784
- Description: 7-Way F (BK)

Terminal Part Information

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

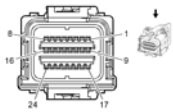
K35 Ignition Coil Module

					Terminal Type	

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Pin	Size	Color	Circuit	Function	ID	Option
A: A	**A:** 1	**A:** VT/D-BU	**A:** 5291	**A:** Powertrain Main Relay Fused Supply (1)	**A:** I	**A:** -
B: B	**B:** 0.75	**B:** BK	**B:** 250	**B:** Ground	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** BK/D-BU	**C:** 2129	**C:** Low Reference	**C:** I	**C:** -
D: D	**D:** 0.75	**D:** D-BU/VT	**D:** 2121	**D:** Ignition Control (1)	**D:** I	**D:** -
E: E	**E:** 0.75	**E:** D-BU/WH	**E:** 2122	**E:** Ignition Control (2)	**E:** I	**E:** -
F: F	**F:** 0.75	**F:** L-GN/L-BU	**F:** 2123	**F:** Ignition Control (3)	**F:** I	**F:** -
G: G	**G:** 0.75	**G:** YE/D-BU	**G:** 2124	**G:** Ignition Control (4)	**G:** I	**G:** -

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608103
- Service Connector: 13580843
- Description: 24-Way F Kaizen 0.64 Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575846	J-35616-64B (L-BU)	J-38125-215A	SAIT-A036F-M064	14	P	P

K36 Inflatable Restraint Sensing and Diagnostic Module X1

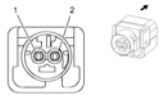
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/D-GN	**1:** 3023	**1:** Steering Wheel Module Stage 2 High Control	**1:** I	**1:** Early Production
2: 2	**2:** 0.5	**2:** WH/D-GN	**2:** 3022	**2:** Steering Wheel Module Stage 2 Low Control	**2:** I	**2:** Early Production
3: 3	**3:** 0.5	**3:** BN/OG	**3:** 3020	**3:** Steering Wheel Module Stage 1 Low Control	**3:** I	**3:** -
				4: Steering Wheel		

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4: 4	**4:** 0.5	**4:** OG/VT	**4:** 3021	Module Stage 1 High Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** YE/OG	**5:** 3025	**5:** Passenger Instrument Panel Module Stage 1 High Control	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** OG/WH	**6:** 3024	**6:** Passenger Instrument Panel Module Stage 1 Low Control	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** OG/VT	**7:** 3026	**7:** Passenger Instrument Panel Module Stage 2 Low Control	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** GY/OG	**8:** 3027	**8:** Passenger Instrument Panel Module Stage 2 High Control	**8:** I	**8:** -
9: 9	**9:** 0.75	**9:** RD/YE	**9:** 3040	**9:** Battery Positive Voltage	**9:** I	**9:** -
10: 10	**10:** 0.35	**10:** VT/WH	**10:** 5234	**10:** Passenger Seat Belt Indicator	**10:** I	**10:** -
11: 11	**11:** 0.35	**11:** D-BU	**11:** 2307	**11:** Passenger Air Bag On Indicator Control	**11:** I	**11:** -
12: 12	**12:** 0.35	**12:** D-GN	**12:** 2308	**12:** Passenger Air Bag Off Indicator Control	**12:** I	**12:** -
13-14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** D-GN	**15:** 5060	**15:** Low Speed GMLAN Serial Data	**15:** I	**15:** -
16	-	-	-	Not Occupied	-	-
17: 17	**17:** 0.5	**17:** VT/D-GN	**17:** 3039	**17:** Ignition Voltage	**17:** I	**17:** -
18	-	-	-	Not Occupied	-	-
19: 19	**19:** 0.5	**19:** BK	**19:** 2450	**19:** Ground	**19:** I	**19:** -
20	-	-	-	Not Occupied	-	-
21: 21	**21:** 0.5	**21:** OG/D-BU	**21:** 3078	**21:** Driver Knee Module High Control	**21:** I	**21:** -
22: 22	**22:** 0.5	**22:** GY/OG	**22:** 3079	**22:** Driver Knee Module Low Control	**22:** I	**22:** -
23: 23	**23:** 0.5	**23:** WH/OG	**23:** 3077	**23:** Passenger Knee Module Low Control	**23:** I	**23:** -
24: 24	**24:** 0.5	**24:** OG/D-BU	**24:** 3076	**24:** Passenger Knee Module High Control	**24:** I	**24:** -

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13715983
- Service Connector: 13580845
- Description: 54-Way F 0.64 Series, Sealed (RD w/ YE cover)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575846	J-35616-64B (L-BU)	J-38125-215A	SAIT-A036F-M064	14	P	P

K36 Inflatable Restraint Sensing and Diagnostic Module X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** OG/GY	**3:** 5226	**3:** Right Rear Side Impact SIR Inflator Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** VT/OG	**4:** 5225	**4:** Right Rear Side Impact SIR Inflator Supply Voltage	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.5	**7:** BN/OG	**7:** 5224	**7:** Left Rear Side Impact SIR Inflator Control	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** OG/GY	**8:** 5223	**8:** Left Rear Side Impact SIR Inflator Supply Voltage	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** OG/YE	**9:** 3481	**9:** Driver Seat Belt Anchor Pretensioner +	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** YE/OG	**10:** 3482	**10:** Driver Seat Belt Anchor Pretensioner -	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** GY/OG	**11:** 3480	**11:** Passenger Seat Belt Anchor Pretensioner -	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** OG/BN	**12:** 3479	**12:** Passenger Seat Belt Anchor Pretensioner +	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** OG/D-BU	**13:** 2137	**13:** Left Front Side Impact Module High Control	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** YE/OG	**14:** 2138	**14:** Left Front Side Impact	**14:** I	**14:** -

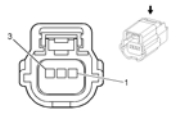
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				Module Low Control		
15: 15	**15:** 0.5	**15:** D-GN/OG	**15:** 2136	**15:** Right Front Side Impact Module Low Control	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** OG/YE	**16:** 2135	**16:** Right Front Side Impact Module High Control	**16:** I	**16:** -
17: 17	**17:** 0.5	**17:** OG/D-GN	**17:** 5019	**17:** Roof Rail Module - Left - High Control	**17:** I	**17:** -
18: 18	**18:** 0.5	**18:** VT/OG	**18:** 5020	**18:** Roof Rail Module - Left - Low Control	**18:** I	**18:** -
19: 19	**19:** 0.5	**19:** OG/D-GN	**19:** 2132	**19:** Side Impact Sensing Module - Left - Signal	**19:** I	**19:** -
20: 20	**20:** 0.5	**20:** BK/OG	**20:** 6628	**20:** Low Reference	**20:** I	**20:** -
21: 21	**21:** 0.5	**21:** BK/OG	**21:** 6629	**21:** Low Reference	**21:** I	**21:** -
22: 22	**22:** 0.5	**22:** BN/OG	**22:** 2134	**22:** Right Front Side Impact Sensing Module Signal	**22:** I	**22:** -
23: 23	**23:** 0.5	**23:** OG/YE	**23:** 354	**23:** Front End Sensor - Left - Signal	**23:** I	**23:** -
24: 24	**24:** 0.5	**24:** BK/OG	**24:** 5045	**24:** Low Reference	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** BK/OG	**25:** 5600	**25:** Low Reference	**25:** I	**25:** -
26: 26	**26:** 0.5	**26:** OG/D-GN	**26:** 1409	**26:** Front End Sensor - Right - Signal	**26:** I	**26:** -
27: 27	**27:** 0.5	**27:** OG/D-BU	**27:** 6620	**27:** Left Rear Side Impact Sensing Module Signal	**27:** I	**27:** -
28: 28	**28:** 0.5	**28:** BK/OG	**28:** 6621	**28:** Low Reference	**28:** I	**28:** -
29: 29	**29:** 0.5	**29:** BK/OG	**29:** 6625	**29:** Low Reference	**29:** I	**29:** -
30: 30	**30:** 0.5	**30:** OG/VT	**30:** 6624	**30:** Right Rear Side Impact Sensing Module Signal	**30:** I	**30:** -
31-32	-	-	-	Not Occupied	-	-
33-36	-	-	-	Not Occupied	-	-
37: 37	**37:** 0.5	**37:** BK/D-BU	**37:** 2118	**37:** Driver Seat Belt Pretensioner High Control	**37:** I	**37:** -
38: 38	**38:** 0.5	**38:** OG/RD	**38:** 2119	**38:** Driver Seat Belt Pretensioner Low Control	**38:** I	**38:** -
39: 39	**39:** 0.5	**39:** D-BU/BN	**39:** 2117	**39:** Passenger Seat Belt Pretensioner Low Control	**39:** I	**39:** -
40: 40	**40:** 0.5	**40:** OG/GY	**40:** 2116	**40:** Passenger Seat Belt Pretensioner High Control	**40:** I	**40:** -
41: 41	**41:** 0.5	**41:** OG/BN	**41:** 238	**41:** Seat Belt Switch - Left	**41:** I	**41:** -
42	-	-	-	Not Occupied	-	-
43: 43	**43:** 0.5	**43:** BK/OG	**43:** 1363	**43:** Seat Belt Switch - Left - Low Reference	**43:** I	**43:** -

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44: 44	**44:** 0.5	**44:** BK/OG	**44:** 1361	**44:** Seat Belt Switch - Right - Low Reference	**44:** I	**44:** -
45: 45	**45:** 0.5	**45:** OG/VT	**45:** 1362	**45:** Seat Belt Switch - Right - Signal	**45:** I	**45:** -
46	-	-	-	Not Occupied	-	-
47: 47	**47:** 0.5	**47:** OG/BN	**47:** 7571	**47:** Passenger Seat Belt Reminder Signal	**47:** I	**47:** -
48-52	-	-	-	Not Occupied	-	-
53: 53	**53:** 0.5	**53:** OG/D-BU	**53:** 5021	**53:** Roof Rail Module - Right - High Control	**53:** I	**53:** -
54: 54	**54:** 0.5	**54:** WH/BK	**54:** 5022	**54:** Roof Rail Module - Right - Low Control	**54:** I	**54:** -

K41R REAR PARKING ASSIST CONTROL MODULE X1 (UD7)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13551678
- Service Connector: 89047364
- Description: 12-Way F 64 Series (BK)

Terminal Part Information

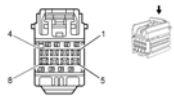
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

K41R Rear Parking Assist Control Module X1 (UD7)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/D-GN	**1:** 40	**1:** Battery Positive Voltage	**1:** I	**1:** -
2-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** D-GN	**6:** 5060	**6:** Low Speed GMLAN Serial Data	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK	**7:** 50	**7:** Ground	**7:** I	**7:** -
8-12	-	-	-	Not Occupied	-	-

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K41R REAR PARKING ASSIST CONTROL MODULE X2 (UD7)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13551679
- Service Connector: 19115653
- Description: 8-Way F YESC Kaizen Series (L-GY)

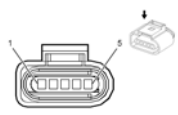
Terminal Part Information

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

K41R Rear Parking Assist Control Module X2 (UD7)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE/VT	**1:** 2378	**1:** Right Rear Corner Object Sensor Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/WH	**2:** 2377	**2:** Right Rear Middle Object Sensor Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/D-BU	**3:** 2376	**3:** Left Rear Middle Object Sensor Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BN/WH	**4:** 2374	**4:** Object Sensor Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** YE	**5:** 2375	**5:** Left Rear Corner Object Sensor Signal	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** BK/GY	**8:** 2379	**8:** Object Sensor Low Reference	**8:** I	**8:** -

K43 POWER STEERING CONTROL MODULE X1



Connector Part Information

- Harness Type: Power Steering

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- OEM Connector: 42123000
- Service Connector: 13583122
- Description: 5-Way F Micro II Timer Series, Sealed (BK)

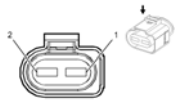
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578884	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1

K43 Power Steering Control Module X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/D-BU	**1:** 5986	**1:** Serial Data Communication Enable	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU	**2:** 2500	**2:** High Speed GMLAN Serial Data (+) (1)	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU	**3:** 2500	**3:** High Speed GMLAN Serial Data (+) (1)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH	**4:** 2501	**4:** High Speed GMLAN Serial Data (-) (1)	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** WH	**5:** 2501	**5:** High Speed GMLAN Serial Data (-) (1)	**5:** I	**5:** -

K43 POWER STEERING CONTROL MODULE X2



Connector Part Information

- Harness Type: Power Steering
- OEM Connector: 13663324
- Service Connector: 13577532
- Description: 2-Way F ASM CONN 2 F DUCON 9.5 BLK SLD (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
	Service by Harness -	J-35616-22	J-38125-	Not	Not	Not	Not

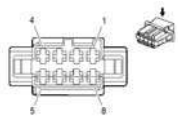
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I	See Part Catalog	(RD)	11A	Available	Available	Available	Available

K43 Power Steering Control Module X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 10.0	**1:** BK	**1:** 350	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 10.0	**2:** RD/WH	**2:** 140	**2:** Battery Positive Voltage	**2:** I	**2:** -

K60 STEERING COLUMN LOCK CONTROL MODULE (ULS)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 24466119
- Service Connector: 13576545
- Description: 8-Way F 1.6 Micro Timer Series (BK)

Terminal Part Information

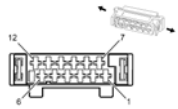
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A

K60 Steering Column Lock Control Module (ULS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** BU/VT	**2:** 5904	**2:** Steering Column Lock Status Signal	**2:** I	**2:** -
3: 3	**3:** 1	**3:** BU/VT	**3:** 807	**3:** OFF /Accessory Voltage	**3:** I	**3:** -
4: 4	**4:** 0.75	**4:** GN/VT	**4:** 1601	**4:** Steering Column Lock Signal	**4:** I	**4:** -
5: 5	**5:** 1	**5:** BN	**5:** 40	**5:** Battery Positive Voltage	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK	**6:** 50	**6:** Ground	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK	**7:** 50	**7:** Ground	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** GN	**8:** 5060	**8:** Low Speed GMLAN Serial Data	**8:** I	**8:** -

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K61 SUNROOF CONTROL MODULE (CF5)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10775732
- Service Connector: 90221505
- Description: 12-Way F 2.8 Junior Power Timer Series (BK)

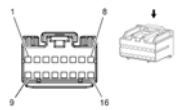
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575472	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A
II	13575490	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A

K61 Sunroof Control Module (CF5)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** RD/WH	**1:** 140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** BK	**2:** 2050	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5 **3:** 0.5	**3:** BK/BN **3:** BK/GY	**3:** 3030 **3:** 128	**3:** Sunroof Vent Switch Low Reference **3:** Sunroof Switch Low Reference	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** D-GN/BN	**4:** 6132	**4:** Linear Interconnect Network Bus 1	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** D-BU/VT	**5:** 5027	**5:** Sunroof Switch Data (1)	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** WH/D-GN	**6:** 3031	**6:** Sunroof Vent Switch Signal	**6:** II	**6:** -
7-12	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATIONS INTERFACE CONTROL MODULE X1 (UE1)



Connector Part Information

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- Harness Type: Instrument Panel
- OEM Connector: 15431362
- Service Connector: 15306351
- Description: 16-Way F Micro-Pack 100A Series (NA)

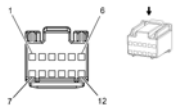
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575548	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

K73 Telematics Communications Interface Control Module X1 (UE1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN	**1:** 5060	**1:** Low Speed GMLAN Serial Data	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/WH	**2:** 2517	**2:** Keypad Red LED	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/VT	**3:** 2516	**3:** Keypad Green LED	**3:** I	**3:** -
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** L-GN/BK	**6:** 2515	**6:** Keypad Supply Voltage	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK	**7:** 1750	**7:** Ground	**7:** I	**7:** -
8-9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** D-BU	**10:** 2500	**10:** High Speed GMLAN Serial Data (+) (1)	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** L-GN/WH	**11:** 2514	**11:** Keypad Signal	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** WH	**12:** 2501	**12:** High Speed GMLAN Serial Data (-) (1)	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** BK/VT	**13:** 5167	**13:** Low Reference	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** YE/VT	**14:** 5235	**14:** Battery Backup Supply Voltage	**14:** I	**14:** -
15: 15	**15:** 0.5	**15:** RD/D-BU	**15:** 840	**15:** Battery Positive Voltage	**15:** I	**15:** -
16	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATIONS INTERFACE CONTROL MODULE X2 (UE1)



Connector Part Information

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- Harness Type: Instrument Panel
- OEM Connector: 15431365
- Service Connector: 88952886
- Description: 12-Way F Micro-Pack 100A Series (NA)

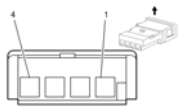
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575548	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

K73 Telematics Communications Interface Control Module X2 (UE1)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE	**1:** 658	**1:** Cellular Telephone Voice Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/YE	**2:** 659	**2:** Cellular Telephone Voice Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU	**3:** 2500	**3:** High Speed GMLAN Serial Data Bus+	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH	**4:** 2501	**4:** High Speed GMLAN Serial Data Bus -	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BARE	**5:** 5149	**5:** Voice Recognition Audio Signal	**5:** I	**5:** UYS
6: 6	**6:** 0.5	**6:** BK/GY	**6:** 5152	**6:** Low Reference	**6:** I	**6:** UYS
7: 7	**7:** 0.5	**7:** WH/D-BU	**7:** 5986	**7:** Serial Data Communication Enable	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** BARE	**8:** 1782	**8:** Drain Wire	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** YE	**9:** 5191	**9:** Microphone High Signal	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** BARE	**10:** 5193	**10:** Microphone Low Signal	**10:** I	**10:** -
11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** GY/YE	**12:** 5149	**12:** Voice Recognition Audio Signal	**12:** I	**12:** UYS

K77 REMOTE CONTROL DOOR LOCK RECEIVER



Connector Part Information

- Harness Type: Headliner

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- OEM Connector: 968943-1
- Service Connector: 13576534
- Description: 4-Way F 64 MQS Series (BK)

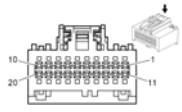
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575587	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

K77 Remote Control Door Lock Receiver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 3273	**1:** Remote Function Actuator Return	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BU/WH	**2:** 3275	**2:** Remote Function Actuator Receive Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/GN	**3:** 3274	**3:** Remote Function Actuator Transmit Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/WH	**4:** 3272	**4:** Remote Function Actuator Supply Voltage	**4:** I	**4:** -

K84 KEYLESS ENTRY CONTROL MODULE X1 (ATH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15126711
- Service Connector: 15126711
- Description: 20-Way Female (BK)

Terminal Part Information

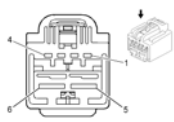
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

K84 Keyless Entry Control Module X1 (ATH)

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-GN/VT	**1:** 1601	**1:** Steering Column Lock Signal	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** D-GN	**3:** 5060	**3:** Low Speed GMLAN Serial Data	**3:** I	**3:** -
4-8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** WH/YE	**9:** 3574	**9:** Driver Door Open Switch Signal	**9:** I	**9:** ATH
10: 10	**10:** 0.5	**10:** GY/D-GN	**10:** 3575	**10:** Co-Driver Door Open Switch Signal	**10:** I	**10:** ATH
11: 11	**11:** 0.5 **11:** 0.5	**11:** D-GN/BK **11:** D-GN/BK	**11:** 3558 **11:** 3358	**11:** Passive Start Switch Signal 2 **11:** Left TV Audio Return	**11:** I	**11:** ATH **11:** ATH
12: 12	**12:** 0.5 **12:** 0.5	**12:** BK/GY **12:** BK/GY	**12:** 3359 **12:** 3559	**12:** Right TV Audio Return **12:** Passive Start Switch 2 Low Reference	**12:** I	**12:** ATH **12:** ATH
13-14	-	-	-	Not Occupied	-	-
15: 15	**15:** 0.5	**15:** GY/BK	**15:** 3555	**15:** Passive Start Interior Antenna 2 Signal Lo	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** BN/BK	**16:** 3552	**16:** Passive Start Interior Antenna 1 Signal Hi	**16:** I	**16:** -
17: 17	**17:** 0.5	**17:** WH	**17:** 3553	**17:** Passive Start Interior Antenna 1 Signal Lo	**17:** I	**17:** -
18: 18	**18:** 0.5	**18:** WH/D-GN	**18:** 3556	**18:** Passive Start Interior Antenna 3 Signal Hi	**18:** I	**18:** -
19: 19	**19:** 0.5	**19:** D-GN	**19:** 3557	**19:** Passive Start Interior Antenna 3 Signal Lo	**19:** I	**19:** -
20: 20	**20:** 0.5	**20:** D-BU	**20:** 3554	**20:** Passive Start Interior Antenna 2 Signal Hi	**20:** I	**20:** -

K84 KEYLESS ENTRY CONTROL MODULE X2 (ATH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15226104
- Service Connector: 88988512
- Description: 6-Way F YESC Kaizen Series (BK)

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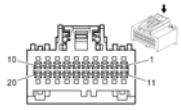
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575289	J-35616-42 (RD)	J-38125-11A	7116-4122-02	10	D	G

K84 Keyless Entry Control Module X2 (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BN	**1:** 1140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 350	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/YE	**3:** 4	**3:** Ignition Voltage	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** VT/BK	**4:** 3	**4:** Ignition Voltage	**4:** I	**4:** -
5: 5	**5:** 4	**5:** RD/GN	**5:** 3140	**5:** Battery Positive Voltage	**5:** I	**5:** -
6: 6	**6:** 4	**6:** BK	**6:** 1050	**6:** Ground	**6:** I	**6:** -

K84 KEYLESS ENTRY CONTROL MODULE X4 (ATH)



Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-64B (L-BU)	-38125-215A	Pending	Pending	Pending	Pending

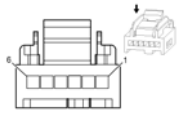
K84 Keyless Entry Control Module X4 (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE/GY	**1:** 6158	**1:** Right Rear Door Handle Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/YE	**2:** 6157	**2:** Left Rear Door Handle Switch Signal	**2:** I	**2:** -

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3: 3	**3:** 0.5	**3:** WH/BN	**3:** 3572	**3:** Driver Door Unlatch Enable Signal	**3:** I	**3:** ATH
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 0.75	**5:** GY/BU	**5:** 3576	**5:** Co-Driver Door Exterior Switch Lock Signal	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** VT	**6:** 3560	**6:** Passive Entry Driver Door Antenna Signal Hi	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** VT/GY	**7:** 3561	**7:** Passive Entry Driver Door Antenna Signal Lo	**7:** I	**7:** -
8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.5	**9:** GN/BK	**9:** 3563	**9:** Passive Entry Co Driver Door Antenna Signal Lo	**9:** I	**9:** -
10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** VT/WH	**11:** 3571	**11:** Co Driver Door Handle Switch Signal	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** GN/WH	**12:** 3570	**12:** Driver Door Handle Switch Signal	**12:** I	**12:** -
13	-	-	-	Not Occupied	-	-
14: 14	**14:** 0.5	**14:** BU	**14:** 3573	**14:** Non Driver Door Unlatch Enable Signal	**14:** I	**14:** ATH
15: 15	**15:** 0.5	**15:** GN/WH	**15:** 6655	**15:** Driver Door Unlatch Switch Signal	**15:** I	**15:** -
16: 16	**16:** 0.5	**16:** BN/GN	**16:** 3568	**16:** Passive Entry Rear Closure Antenna Signal Hi	**16:** I	**16:** -
17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.5	**18:** GN/GY	**18:** 3569	**18:** Passive Entry Rear Closure Antenna Signal Lo	**18:** I	**18:** -
19	-	-	-	Not Occupied	-	-
20: 20	**20:** 0.5	**20:** GN/YE	**20:** 3562	**20:** Passive Entry Co Driver Door Antenna Signal Hi	**20:** I	**20:** -

K85 PASSENGER PRESENCE DETECTION MODULE X1



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 15499927
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F Micro-Pack HVT Series (BK)

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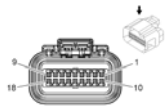
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575550	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

K85 Passenger Presence Detection Module X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU	**1:** 402	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 5060	**2:** Low Speed GMLAN Serial Data	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** WH	**3:** 5060	**3:** Low Speed GMLAN Serial Data	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 2450	**4:** Ground	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-

K85 PASSENGER PRESENCE DETECTION MODULE X2



Connector Part Information

- Harness Type: Passenger Presence Detection Sensor
- OEM Connector: Not Available
- Service Connector: Service by Component Assembly - See Part Catalog
- Description: 18-Way F Flexible Printed Circuit Series (BK)

Terminal Part Information

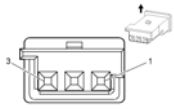
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I			J-35616-6B (L-BU)	Service Connector: Service by Component Assembly - See Part Catalog	Service Connector: Service by Component Assembly - See Part Catalog	Not Available	Not Available

K85 Passenger Presence Detection Module X2

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** FW	**1:** FW	**1:** -	**1:** -	**1:** I	**1:** -
2: 2	**2:** FW	**2:** FW	**2:** -	**2:** -	**2:** I	**2:** -
3: 3	**3:** FW	**3:** FW	**3:** -	**3:** -	**3:** I	**3:** -
4: 4	**4:** FW	**4:** FW	**4:** -	**4:** -	**4:** I	**4:** -
5: 5	**5:** FW	**5:** FW	**5:** -	**5:** -	**5:** I	**5:** -
6: 6	**6:** FW	**6:** FW	**6:** -	**6:** -	**6:** I	**6:** -
7: 7	**7:** FW	**7:** FW	**7:** -	**7:** -	**7:** I	**7:** -
8: 8	**8:** FW	**8:** FW	**8:** -	**8:** -	**8:** I	**8:** -
9: 9	**9:** FW	**9:** FW	**9:** -	**9:** -	**9:** I	**9:** -
10: 10	**10:** FW	**10:** FW	**10:** -	**10:** -	**10:** I	**10:** -
11: 11	**11:** FW	**11:** FW	**11:** -	**11:** -	**11:** I	**11:** -
12: 12	**12:** FW	**12:** FW	**12:** -	**12:** -	**12:** I	**12:** -
13: 13	**13:** FW	**13:** FW	**13:** -	**13:** -	**13:** I	**13:** -
14: 14	**14:** FW	**14:** FW	**14:** -	**14:** -	**14:** I	**14:** -
15: 15	**15:** FW	**15:** FW	**15:** -	**15:** -	**15:** I	**15:** -
16: 16	**16:** FW	**16:** FW	**16:** -	**16:** -	**16:** I	**16:** -
17: 17	**17:** FW	**17:** FW	**17:** -	**17:** -	**17:** I	**17:** -
18: 18	**18:** FW	**18:** FW	**18:** -	**18:** -	**18:** I	**18:** -

K89 IMMOBILIZER CONTROL MODULE



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13604026
- Service Connector: 13576530
- Description: 3-Way F Micro Quadlok Series (PU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575587	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

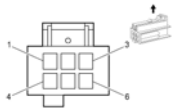
K89 Immobilizer Control Module

					Terminal Type	

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Pin	Size	Color	Circuit	Function	ID	Option
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 3277	**1:** Vehicle Anti-Theft System Immobilizer Return	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/VT	**2:** 7533	**2:** Linear Interconnect Network Bus 11	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/BK	**3:** 3276	**3:** Vehicle Anti-Theft System Immobilizer Supply Voltage	**3:** I	**3:** -

M6 AIR TEMPERATURE DOOR ACTUATOR



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 MQS Series (BK)

Terminal Part Information

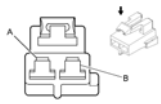
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

M6 Air Temperature Door Actuator

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN	**1:** 933	**1:** Temp Door Stepper Motor Control (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** OG	**2:** 943	**2:** HVAC Motor Supply Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** WH/RD	**3:** 932	**3:** Temp Door Stepper Motor Control (2)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/RD	**4:** 930	**4:** Temp Door Stepper Motor Control (3)	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** RD/BK	**6:** 929	**6:** Temp Door Stepper Motor Control (4)	**6:** I	**6:** -

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M8 BLOWER MOTOR



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12064749
- Service Connector: 13586140
- Description: 2-Way F Metri-Pack 480 Series (BK)

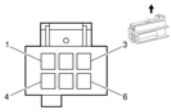
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-40 (BU)	J-38125-11A	12084595	2	F	G

M8 Blower Motor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 4	**A:** RD	**A:** 65	**A:** Blower Motor Supply Voltage	**A:** I	**A:** -
B: B	**B:** 4	**B:** BK	**B:** 374	**B:** Blower Motor Fan Control	**B:** I	**B:** -

M37 MODE DOOR ACTUATOR



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 MQS Series (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

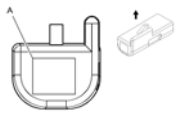
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

M37 Mode Door Actuator

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE	**1:** 936	**1:** Mode Door Stepper Motor Control (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** OG	**2:** 943	**2:** HVAC Motor Supply Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** WH/RD	**3:** 931	**3:** Mode Door Stepper Motor Control (2)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/BN	**4:** 926	**4:** Mode Door Stepper Motor Control (3)	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** D-GN/WH	**6:** 925	**6:** Mode Door Stepper Motor Control (4)	**6:** I	**6:** -

M40 REAR COMPARTMENT LID LATCH



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 15324229
- Service Connector: 15306167
- Description: 4-Way F Timer Micro-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A

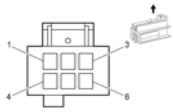
M40 Rear Compartment Lid Latch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU/YE	**1:** 6795	**1:** Lift Glass/Trunk Motor	**1:** I	**1:** -

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				Release Control 2		
2: 2	**2:** 0.5	**2:** BK	**2:** 650	**2:** Ground	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** VT/BK	**4:** 1303	**4:** Lift Gate Ajar Switch Signal (1)	**4:** I	**4:** -

M46 AIR RECIRCULATION DOOR ACTUATOR



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 MQS Series (BK)

Terminal Part Information

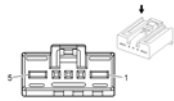
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	Pin: 2: J	J

M46 Air Recirculation Door Actuator

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 929	**1:** Air Inlet Door Stepper Motor Control (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** OG	**2:** 943	**2:** HVAC Motor Supply Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU/WH	**3:** 929	**3:** Air Inlet Door Stepper Motor Control (2)	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BN/D-GN	**4:** 929	**4:** Air Inlet Door Stepper Motor Control (3)	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** RD/D-GN	**6:** 929	**6:** Air Inlet Door Stepper Motor Control (4)	**6:** I	**6:** -

M50D SEAT FRONT VERTICAL MOTOR - DRIVER (ADS)

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 1379217-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F MQS/MCP Mixed Series (BK)

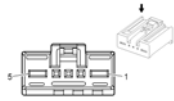
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	Not Available	Not Available	Not Available	Not Available	Not Available

M50D Seat Front Vertical Motor - Driver (ADS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1.5	**1:** GY	**1:** 287	**1:** Driver Power Seat Front Vertical Motor Down Control	**1:** I	**1:** -
2-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 1.5	**5:** BU	**5:** 286	**5:** Driver Power Seat Front Vertical Motor Up Control	**5:** I	**5:** -

M51D SEAT HORIZONTAL MOTOR - DRIVER (ADS)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 1379217-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F MQS/MCP Mixed Series (BK)

Terminal Part Information

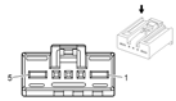
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	Not Available	Not Available	Not Available	Not Available	Not Available

M51D Seat Horizontal Motor - Driver (ADS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1.5	**1:** YE	**1:** 285	**1:** Driver Power Seat Horizontal Motor Forward Control	**1:** I	**1:** -
2-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 1.5	**5:** BN	**5:** 284	**5:** Driver Power Seat Horizontal Motor Rearward Control	**5:** I	**5:** -

M55D SEAT REAR VERTICAL MOTOR - DRIVER (ADS)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 1379217-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F MQS/MCP Mixed Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	Not Available	Not Available	Not Available	Not Available	Not Available

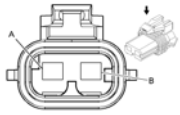
M55D Seat Rear Vertical Motor - Driver (ADS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
				1: Driver Power Seat Rear		

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1: 1	**1:** 1.5	**1:** WH	**1:** 282	Vertical Motor Up Control	**1:** I	**1:** -
2-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 1.5	**5:** GN	**5:** 283	**5:** Driver Power Seat Rear Vertical Motor Down Control	**5:** I	**5:** -

M74D WINDOW MOTOR - DRIVER (AEC)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 12129487
- Service Connector: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

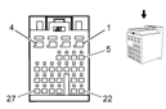
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-4A (PU)	J-38125-553	12110845	4	F	5

M74D Window Motor - Driver (AEC)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** D-GN/GY	**A:** 3382	**A:** Power Window Motor Driver Up Control	**A:** I	**A:** -
B: B	**B:** 2.5	**B:** YE/VT	**B:** 3383	**B:** Power Window Motor Driver Down Control	**B:** I	**B:** -

M74D WINDOW MOTOR - DRIVER (AXG)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13595813

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- Service Connector: Service by Harness- See Part Catalog
- Description: 7-Way F Kaizen 0.64 2.8 Timer Series, Sealed (BK)

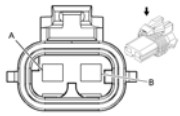
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13580821	J-35616-35 (VT)	J-38125-36	4-964273-1	15	C	5
II	13575867	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

M74D Window Motor - Driver (AXG)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 1550	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** RD/GN	**2:** 1540	**2:** Battery Positive Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GN/WH	**3:** 3379	**3:** Power Window Switch Driver Up Signal	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** GN/YE	**4:** 6134	**4:** Linear Interconnect Network Bus 3	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** GN	**5:** 3381	**5:** Power Window Switch Driver Express Signal	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** GY	**6:** 745	**6:** Left Front Door Ajar Switch Signal	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** GY	**7:** 3380	**7:** Power Window Switch Driver Down Signal	**7:** II	**7:** -

M74LR WINDOW MOTOR - LEFT REAR



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 12129487
- Service Connector: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal Removal	Service	Tray	Core	Insulation

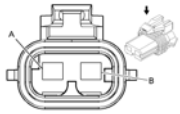
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Type ID	Lead	Test Probe	Tool	Terminal		Crimp	Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	J-38125-553	12110845	4	F	5

M74LR Window Motor - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** D-BU/GY	**A:** 668	**A:** Power Window Motor Left Rear Up Control	**A:** I	**A:** AEQ
B: B	**B:** 2.5	**B:** D-GN/BK	**B:** 669	**B:** Power Window Motor Left Rear Down Control	**B:** I	**B:** AEQ

M74P WINDOW MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 12129487
- Service Connector: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

Terminal Part Information

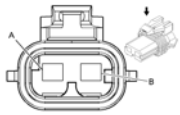
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	J-38125-553	12110845	4	F	5

M74P Window Motor - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** D-GN/GY	**A:** 3387	**A:** Power Window Motor Co-Driver Up Control	**A:** I	**A:** -
B: B	**B:** 2.5	**B:** YE/D-BU	**B:** 3388	**B:** Power Window Motor Co-Driver Down Control	**B:** I	**B:** -

M74RR WINDOW MOTOR - RIGHT REAR

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Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 12129487
- Service Connector: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

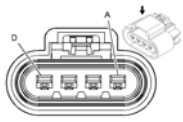
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	J-35616-4A (PU)	J-38125-553	12110845	4	F	5

M74RR Window Motor - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** D-BU/GY	**A:** 670	**A:** Power Window Motor Right Rear Up Control	**A:** I	**A:** AEQ
B: B	**B:** 2.5	**B:** D-GN/BK	**B:** 671	**B:** Power Window Motor Right Rear Down Control	**B:** I	**B:** AEQ

M75 WINDSHIELD WIPER MOTOR



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13521459
- Service Connector: 13580864
- Description: 4-Way F GT 280 5.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

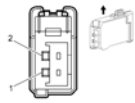
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I	13575392	J-35616-4A (PU)	J-38125-553	15304720	19	Not Available	Not Available
II	13575392	J-35616-4A (PU)	J-38125-553	15304720	19	4	5

M75 Windshield Wiper Motor

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BN/GN	**A:** 196	**A:** Windshield Wiper Motor Park Switch Signal	**A:** I	**A:** -
B: B	**B:** 2.5	**B:** YE/BN	**B:** 95	**B:** Windshield Wiper Motor Low Speed Control	**B:** II	**B:** -
C: C	**C:** 2.5	**C:** BK	**C:** 1350	**C:** Ground	**C:** II	**C:** -
D: D	**D:** 2.5	**D:** WH	**D:** 92	**D:** Windshield Wiper Motor High Speed Control	**D:** II	**D:** -

M93 IGNITION CYLINDER LOCK CONTROL SOLENOID ACTUATOR (MH8)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595633
- Service Connector: 13314093
- Description: 2-Way F Kaizen 64 Series (BK)

Terminal Part Information

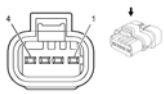
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-215A	SAIT-A03T-M064	14	P	P

M93 Ignition Cylinder Lock Control Solenoid Actuator (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/YE	**1:** 143	**1:** Ignition Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH/VT	**2:** 5905	**2:** Key Capture/Column Lock Shift Position Signal	**2:** I	**2:** -

M96 ACTIVE GRILLE AIR SHUTTER ACTUATOR (Y8X)

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13781047
- Service Connector: 13581092
- Description: 4-Way F 1.2 Series, Sealed (BK)

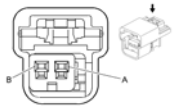
Terminal Part Information

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

M96 Active Grille Air Shutter Actuator (Y8X)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** GY/BK	**1:** 3437	**1:** Shutter Valve Solenoid Control	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BK	**2:** 1150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/GY	**3:** 1039	**3:** Run/Crank Ignition 1 Voltage	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-

P2 TRANSMISSION SHIFT LEVER POSITION INDICATOR (MH8)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15332129
- Service Connector: 15306425
- Description: 2-Way F GT 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

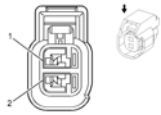
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			Tool				
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C

P2 Transmission Shift Lever Position Indicator (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** YE	**A:** 6817	**A:** LED Backlight Dimming Control	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** 1750	**B:** Ground	**B:** I	**B:** -

P12 HORN



Connector Part Information

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

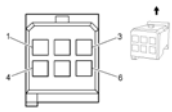
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	12191819	8	2	1

P12 Horn

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** BK	**1:** 1050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 1	**2:** BN/GY	**2:** 29	**2:** Horn Control	**2:** I	**2:** -

P14 PASSENGER AIR BAG DISABLE INDICATOR



Connector Part Information

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- Harness Type: Instrument Panel
- OEM Connector: 13650066
- Service Connector: 13355765
- Description: 6-Way F MTS 0.64 Series (GY)

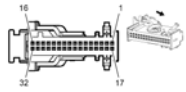
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

P14 Passenger Air Bag Disable Indicator

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/WH	**1:** 239	**1:** Run/Crank Ignition 1 Voltage	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** L-BU	**2:** 2307	**2:** Passenger Air Bag On Indicator Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 1650	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** D-GN	**5:** 2308	**5:** Passenger Air Bag Off Indicator Control	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** VT/WH	**6:** 5234	**6:** Passenger Seat Belt Indicator	**6:** I	**6:** -

P16 INSTRUMENT CLUSTER



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12198036
- Service Connector: 88988405
- Description: 32-Way F 64 Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

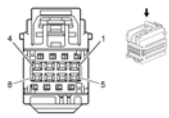
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I	13575737	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

P16 Instrument Cluster

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-8	-	-	-	Not Occupied	-	-
9: 9	**9:** 0.35	**9:** BK/BN	**9:** 897	**9:** Driver Information Center Switch Low Reference	**9:** I	**9:** -
10: 10	**10:** 0.35	**10:** D-GN/WH	**10:** 1358	**10:** Driver Information Center Switch Signal	**10:** I	**10:** -
11: 11	**11:** 0.5	**11:** BK/D-BU	**11:** 61	**11:** Outside Ambient Temperature Sensor Low Reference	**11:** I	**11:** -
12: 12	**12:** 0.5	**12:** D-BU/GY	**12:** 636	**12:** Outside Ambient Air Temperature Sensor Signal	**12:** I	**12:** -
13-15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.75	**16:** BK	**16:** 50	**16:** Ground	**16:** I	**16:** -
17-23	-	-	-	Not Occupied	-	-
24: 24	**24:** 0.5	**24:** D-BU	**24:** 507	**24:** Wait To Start Indicator Control	**24:** I	**24:** -
25: 25	**25:** 0.5	**25:** BN/WH	**25:** 419	**25:** Check Engine Indicator Control	**25:** I	**25:** -
26: 26	**26:** 0.5	**26:** D-GN	**26:** 5060	**26:** Low Speed GMLAN Serial Data	**26:** I	**26:** -
27	-	-	-	Not Occupied	-	-
28: 28	**28:** 0.35	**28:** GY/D-BU	**28:** 893	**28:** Driver Information Center Select Menu Switch Signal	**28:** I	**28:** -
29-30	-	-	-	Not Occupied	-	-
31: 31	**31:** 0.5	**31:** VT/WH	**31:** 239	**31:** Ignition Voltage	**31:** I	**31:** -
32: 32	**32:** 0.75	**32:** RD/WH	**32:** 140	**32:** Battery Positive Voltage	**32:** I	**32:** -

P17 INFO DISPLAY MODULE (UAG)



Connector Part Information

- Harness Type: Instrument Panel

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- OEM Connector: 7283-9028-30
- Service Connector: 13576542
- Description: 8-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575230	J-35616-64B (L-BU)	J-38125-215A	Not Stocked in Kit	le	P	P
II	13575299	J-35616-64B (L-BU)	J-38125-215A	Not Stocked in Kit	le	P	P

P17 Info Display Module (UAG)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1750	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GN/BU	**3:** 7532	**3:** Linear Interconnect Network Bus 10	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** GY/GN	**4:** 3291	**4:** Integrated Center Stack Wake Up Signal	**4:** II	**4:** -
5: 5	**5:** 0.35	**5:** VT	**5:** 3290	**5:** Integrated Center Stack Reset Signal	**5:** II	**5:** -
6: 6	**6:** 0.35	**6:** BARE	**6:** 7460	**6:** Integrated Center Stack Serial Data Shield	**6:** II	**6:** -
7: 7	**7:** 0.35	**7:** VT	**7:** 7458	**7:** Center Integrated Center Stack Serial Data High	**7:** II	**7:** -
8: 8	**8:** 0.35	**8:** YE	**8:** 7459	**8:** Integrated Center Stack Serial Data Low	**8:** II	**8:** -

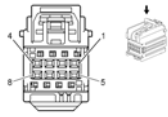
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2013 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

P17 INFO DISPLAY MODULE X1 (UHQ)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 7283-9028-30
- Service Connector: 13576542
- Description: 8-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579944	Pending	Pending	Not Available	Not Available	Not Available	Not Available
II	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

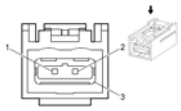
P17 Info Display Module X1 (UHQ)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** -	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1750	**2:** Ground	**2:** -	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.35	**4:** GY	**4:** 3369	**4:** Touch Screen Display Signal (+)	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** BN/GN	**5:** 3364	**5:** Navigation Display Reset Signal	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** GN/YE	**6:** 7066	**6:** Entertainment Remote Enable Signal	**6:** II	**6:** -
7: 7	**7:** 0.35	**7:** BARE	**7:** 3368	**7:** Touch Screen Display Drain Wire	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** VT	**8:** 3370	**8:** Touch Screen Display	**8:** II	**8:** -

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				Signal (-)		

P17 INFO DISPLAY MODULE X2 (UHQ)



Connector Part Information

- Harness Type: Instrument Panel TWINAX
- OEM Connector: 13649293
- Service Connector: Service by Cable Assembly - See Parts Catalog
- Description: 3-Way F Sealed (L-BU)

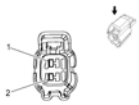
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Cable Assembly - See Parts Catalog	No Tool Required	No Tool Required

P17 Info Display Module X2 (UHQ)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** BN	**1:** 3367	**1:** Navigation Display Signal (-)	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** BU	**2:** 3366	**2:** Navigation Display Signal (+)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BARE	**3:** 3365	**3:** Navigation Display Drain Wire	**3:** I	**3:** -

P19AA SPEAKER - RIGHT SUBWOOFER



Connector Part Information

- Harness Type: Body
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

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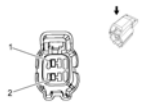
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AA Speaker - Right Subwoofer

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** GY/BK	**1:** 315	**1:** Right Subwoofer Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 1	**2:** D-GN/VT	**2:** 1795	**2:** Right Subwoofer Speaker (+)	**2:** I	**2:** UQA

P19AG SPEAKER - LEFT FRONT DOOR



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

Terminal Part Information

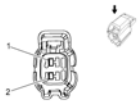
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AG Speaker - Left Front Door

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

P19AH SPEAKER - RIGHT FRONT DOOR

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13699622
- Service Connector: 13555768
- Description: 2-Way F 150 Series (BK)

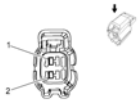
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AH Speaker - Right Front Door

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

P19AL SPEAKER - LEFT REAR DOOR



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A	J-38125-29	13526678	PO	2	A

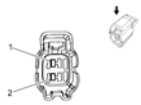
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		(GY)					

P19AL Speaker - Left Rear Door

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

P19AM SPEAKER - RIGHT REAR DOOR



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13699622
- Service Connector: 13555768
- Description: 2-Way F 150 Series (BK)

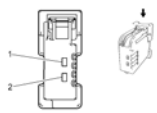
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AM Speaker - Right Rear Door

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

P19B SPEAKER - CENTER INSTRUMENT PANEL (UQA)



Connector Part Information

- Harness Type: Instrument Panel

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- OEM Connector: 13682170
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

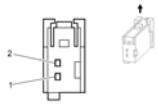
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327201	J-35616-2A (GY)	J-38125-553	8240-0128	22	C	A

P19B Speaker - Center Instrument Panel (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-BU/YE	**1:** 1960	**1:** Front Center Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 0.75	**2:** YE/WH	**2:** 1860	**2:** Front Center Speaker (+)	**2:** I	**2:** UQA

P19H SPEAKER - LEFT FRONT TWEETER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

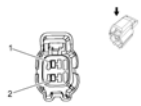
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

P19H Speaker - Left Front Tweeter

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

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P19N SPEAKER - LEFT SUBWOOFER



Connector Part Information

- Harness Type: Body
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

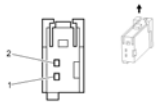
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19N Speaker - Left Subwoofer

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** D-GN/BK	**1:** 1794	**1:** Left/Rear Subwoofer Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 1	**2:** D-BU/GY	**2:** 346	**2:** Left/Rear Subwoofer Speaker (+)	**2:** I	**2:** UQA

P19V SPEAKER - RIGHT FRONT TWEETER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

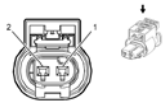
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			Tool				
I	13575867	J-35616-64B (L-BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

P19V Speaker - Right Front Tweeter

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

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564248
- Service Connector: 13577537
- Description: 2-Way F 1.2 MLK Series, Sealed (BK)

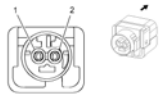
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576385	Pending	Pending	Not Available	Not Available	Not Available	Not Available

Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/VT	**1:** 6754	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/D-BU	**2:** 5282	**2:** Camshaft Phaser Exhaust Solenoid (1)	**2:** I	**2:** -

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LUW/LWE)



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Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566735
- Service Connector: 13581094
- Description: 2-Way F 1.5 Series, Sealed (BK)

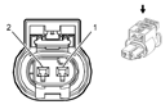
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/VT	**1:** 6754	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/D-BU	**2:** 5282	**2:** Camshaft Phaser Exhaust Solenoid (1)	**2:** I	**2:** -

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564248
- Service Connector: 13577537
- Description: 2-Way F 1.2 MLK Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576385	Pending	Pending	Not Available	Not Available	Not Available	Not Available

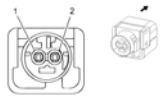
Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** BN/WH	**1:** 6753	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/BN	**2:** 5284	**2:** Camshaft Phaser Intake Solenoid (1)	**2:** I	**2:** -

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566735
- Service Connector: 13581094
- Description: 2-Way F 1.5 Series, Sealed (BK)

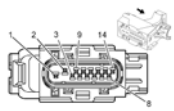
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)

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

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1 (MH8)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13522378
- Service Connector: 13503939
- Description: 14-Way F GT 150 280 Series, Sealed (L-GY)

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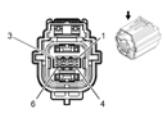
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575392	J-35616-4A (PU)	J-38125-553	15304720	19	4	5
II	13575400	J-35616-2A (GY)	J-38125-553	15326267	19	E	4

Q8 Control Solenoid Valve Assembly X1 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75 **1:** 0.75	**1:** RD/WH **1:** RD/WH	**1:** 340 **1:** 1840	**1:** Battery Positive Voltage **1:** Battery Positive Voltage	**1:** I	**1:** LUJ **1:** LUW
2: 2	**2:** 0.75	**2:** BK	**2:** 150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5 **3:** 0.5	**3:** L-GN **3:** WH/GY	**3:** 275 **3:** 1786	**3:** Transmission Park/Neutral Signal (1) **3:** Transmission Park/Neutral Signal (1)	**3:** II	**3:** LUJ **3:** LUW
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** D-BU	**6:** 2500	**6:** High Speed GMLAN Serial Data (+) (1)	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** D-BU	**7:** 2500	**7:** High Speed GMLAN Serial Data (+) (1)	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** WH	**8:** 2501	**8:** High Speed GMLAN Serial Data (-) (1)	**8:** II	**8:** -
9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** WH/D-BU	**10:** 6311	**10:** Cruise/ETC/TCC Brake Signal	**10:** -	**10:** LUW
11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5 **12:** 0.5	**12:** VT/D-BU **12:** VT/GY	**12:** 139 **12:** 139	**12:** Ignition Voltage **12:** Ignition Voltage	**12:** II	**12:** LUJ **12:** LUW
13: 13	**13:** 0.5 **13:** 0.5	**13:** BU **13:** VT/YE	**13:** 5985 **13:** 5985	**13:** Accessory Wakeup Serial Data **13:** Accessory Wakeup Serial Data	**13:** II	**13:** LUJ **13:** LUW
14: 14	**14:** 0.5	**14:** WH	**14:** 2501	**14:** High Speed GMLAN Serial Data (-) (1)	**14:** II	**14:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X2 (MH8)



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Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13540209
- Service Connector: 13504952
- Description: 6-Way F Micro-Pack 150.2 Series Sealed (BU)

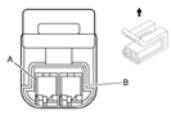
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X2 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BU	**A:** -	**A:** Park/Neutral Switch Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** GN	**B:** -	**B:** Transmission Range Switch Signal A	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** GY	**C:** -	**C:** Transmission Range Switch Signal B	**C:** I	**C:** -
D: D	**D:** 0.5	**D:** YE	**D:** -	**D:** Transmission Range Switch Signal C	**D:** I	**D:** -
E: E	**E:** 0.5	**E:** RD	**E:** -	**E:** Transmission Range Switch Signal P	**E:** I	**E:** -
F: F	**F:** 0.5	**F:** BK	**F:** -	**F:** Low Reference	**F:** I	**F:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X3 (MH8)



Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13586529
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

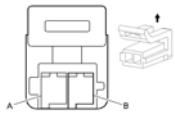
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X3 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** WH	**A:** -	**A:** ISS High Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** -	**B:** ISS Low Signal	**B:** I	**B:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X4 (MH8)



Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13543034
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

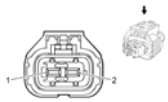
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X4 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** WH	**A:** -	**A:** OSS High Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** -	**B:** OSS Low Signal	**B:** I	**B:** -

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LUV)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565696
- Service Connector: 13355785
- Description: 2-Way F 2.8 Series, Sealed (BK)

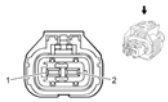
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	J-35616-35 (VT)	J-38125-561	1928498056	8	E	1

Q12 Evaporative Emission Purge Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GN/D-BU	**1:** 428	**1:** EVAP Canister Purge Solenoid Control	**1:** I	**1:** -
2: 2	**2:** RD/WH	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13125727
- Service Connector: 13355748
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not	J-35616-35	J-38125-561	1928498056	8	E	1

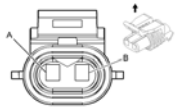
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	Available	(VT)					

Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** L-GN/D-BU	**1:** 428	**1:** EVAP Canister Purge Solenoid Control	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** VT/D-BU	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 12052643
- Service Connector: 13585860
- Description: 2-Way F Metri-Pack 150 Series, Sealed (RD)

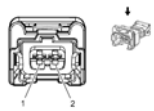
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575427	J-35616-14 (GN)	J-38125-12A	12048074	2	E	1

Q13 Evaporative Emission Vent Solenoid Valve

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.75	**A:** RD/D-BU	**A:** 5372	**A:** Canister Valve Solenoid	**A:** I	**A:** -
B: B	**B:** 0.75	**B:** WH	**B:** 1310	**B:** EVAP Canister Vent Solenoid Control	**B:** I	**B:** -

Q17A FUEL INJECTOR 1 (LUV)



Connector Part Information

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- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

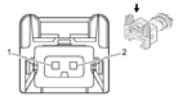
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17A Fuel Injector 1 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/VT	**2:** 1744	**2:** Fuel Injector Control (1)	**2:** I	**2:** -

Q17A FUEL INJECTOR 1 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

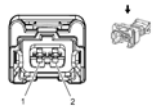
Q17A Fuel Injector 1 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
				1: Powertrain Main Relay		

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1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 1744	**2:** Fuel Injector Control (1)	**2:** I	**2:** -

Q17B FUEL INJECTOR 2 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

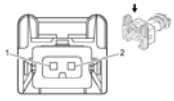
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17B Fuel Injector 2 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/WH	**2:** 1745	**2:** Fuel Injector Control (2)	**2:** I	**2:** -

Q17B FUEL INJECTOR 2 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

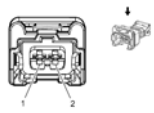
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17B Fuel Injector 2 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/WH	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** L-GN/BK	**2:** 1745	**2:** Fuel Injector Control (2)	**2:** I	**2:** -

Q17C FUEL INJECTOR 3 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

Terminal Part Information

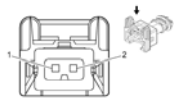
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17C Fuel Injector 3 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/YE	**2:** 1746	**2:** Fuel Injector Control (3)	**2:** I	**2:** -

Q17C FUEL INJECTOR 3 (LUW/LWE)

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Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

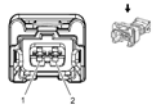
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17C Fuel Injector 3 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH/BK	**2:** 1746	**2:** Fuel Injector Control (3)	**2:** I	**2:** -

Q17D FUEL INJECTOR 4 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

Terminal Part Information

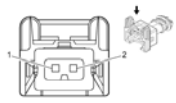
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

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Q17D Fuel Injector 4 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 844	**2:** Fuel Injector Control (4)	**2:** I	**2:** -

Q17D FUEL INJECTOR 4 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

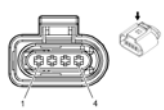
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17D Fuel Injector 4 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU/BK	**2:** 844	**2:** Fuel Injector Control (4)	**2:** I	**2:** -

Q22 INTAKE MANIFOLD TUNING SOLENOID VALVE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13167844

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- Service Connector: 13581095
- Description: 4-Way F Sealed (BK)

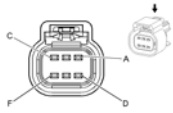
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576394	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	6	6

Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/D-BU	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU	**3:** 7302	**3:** Intake Manifold Tuning Valve (IMTV) Control - Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/L-GN	**4:** 7303	**4:** Intake Manifold Tuning Valve (IMTV) Position - Signal	**4:** I	**4:** -

Q38 THROTTLE BODY



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565697
- Service Connector: 13355786
- Description: 6-Way Sealed (BK)

Terminal Part Information

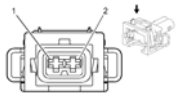
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575396	J-35616-2A (GY)	J-38125-553	15326427	5	E	A

Q38 Throttle Body

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BN/WH	**A:** 582	**A:** Throttle Actuator Control Close	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BN/RD	**B:** 581	**B:** Throttle Actuator Control Open	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** BK/YE	**C:** 2752	**C:** Throttle Position Sensor Low Reference	**C:** I	**C:** -
D: D	**D:** 0.5	**D:** BN/GN	**D:** 485	**D:** Throttle Position Sensor Signal (1)	**D:** I	**D:** -
E: E	**E:** 0.5	**E:** BN/RD	**E:** 2701	**E:** 5 Volt Reference	**E:** I	**E:** -
F: F	**F:** 0.5	**F:** BN/BU	**F:** 486	**F:** Throttle Position Sensor Signal (2)	**F:** I	**F:** -

Q40 TURBOCHARGER BYPASS SOLENOID VALVE (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13123749
- Service Connector: 13355744
- Description: 2-Way F 2.8 Junior Power Timer Series, Sealed (BK)

Terminal Part Information

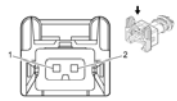
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575438	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q40 Turbocharger Bypass Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/WH	**1:** 3060	**1:** Turbo Bypass Solenoid Control Bank (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q42 TURBOCHARGER WASTEGATE SOLENOID VALVE (LUV)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

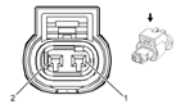
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575438	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q42 Turbocharger Wastegate Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** BN/RD	**1:** 3058	**1:** Turbo Waste Gate Solenoid Control Bank (1)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q46 A/C COMPRESSOR SOLENOID VALVE



Connector Part Information

- Harness Type: Engine
- OEM Connector: 2-1823608-1
- Service Connector: 13585623
- Description: 2-Way F 1.2 MCP Series, Sealed (BK with NA Inner Connector)

Terminal Part Information

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

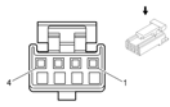
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				Available	Available		

Q46 A/C Compressor Solenoid Valve

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.50	**1:** BU/BN	**1:** 7573	**1:** Electric Variable Displacement Supply	**1:** I	**1:** -
2: 2	**2:** 0.50	**2:** BU/YE	**2:** 7574	**2:** Electric Variable Displacement Control	**2:** I	**2:** -

S2 TRANSMISSION MANUAL SHIFT SWITCH (MH8)



Connector Part Information

- Harness Type: Shift Lever
- OEM Connector: Not Available
- Service Connector: Service By Component - See Part Catalog
- Description: 4-Way F (WH)

Terminal Part Information

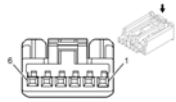
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service By Component - See Part Catalog	Not Available	Not Available	Service By Component - See Part Catalog	Service By Component - See Part Catalog	Not Available	Not Available

S2 Transmission Manual Shift Switch (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** VT/WH	**1:** VT/WH	**1:** -	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** BK	**2:** BK	**2:** -	**2:** Park Lock Solenoid Control	**2:** I	**2:** -
3: 3	**3:** RD/WH	**3:** RD/WH	**3:** -	**3:** Park Lock Solenoid Soft Control	**3:** I	**3:** -
4: 4	**4:** BK	**4:** BK	**4:** -	**4:** Ground	**4:** I	**4:** -

S3 TRANSMISSION SHIFT LEVER (MH8)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F AIT II Series (BK)

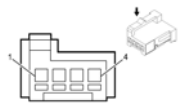
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-64B (L-BU)	J-38125-215A	Pending	Pending	Pending	Pending

S3 Transmission Shift Lever (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BN	**1:** 202	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 2150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE	**3:** 7554	**3:** Park Lock Solenoid Soft Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** VT/BK	**4:** 7553	**4:** Park Lock Solenoid Control	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** WH/VT	**6:** 5905	**6:** Key Capture/Column Lock Shift Position Signal	**6:** I	**6:** -

S13D DOOR LOCK SWITCH - DRIVER



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15439868
- Service Connector: 13579438
- Description: 4-Way F (BK)

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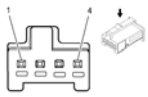
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S13D Door Lock Switch - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 50	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/WH	**3:** 781	**3:** Driver Door Lock Switch Unlock Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BN/YE	**4:** 780	**4:** Driver Door Lock Switch Lock Signal	**4:** I	**4:** -

S26 HAZARD LAMPS SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15439870
- Service Connector: 13579439
- Description: 4-Way F (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

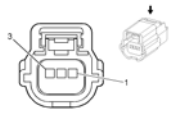
S26 Hazard Lamps Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-GN/WH	**1:** 111	**1:** Hazard Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** L-BU/VT	**2:** 1717	**2:** Hazard Switch Turn Flasher Control	**2:** I	**2:** -

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3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-

S30 HEADLAMP SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15483208
- Service Connector: 88988229
- Description: 12-Way F Micro HVT (BK)

Terminal Part Information

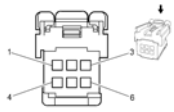
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575550	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

S30 Headlamp Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE	**1:** 7556	**1:** Lighting Control Switch Reference	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.35	**3:** D-GN/GY	**3:** 13	**3:** Headlamp Switch Park Lamp Signal	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** WH/VT	**4:** 103	**4:** Headlamp Switch On Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** D-GN/BN	**5:** 306	**5:** Headlamp Switch Headlamps Off Signal Control	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK	**6:** 1650	**6:** Ground	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** YE	**7:** 6817	**7:** LED Backlight Dimming Control	**7:** I	**7:** -
8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** WH/BN	**12:** 7555	**12:** Lighting Control Switch Signal	**12:** I	**12:** -

A26 HVAC CONTROLS

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10864274
- Service Connector: 13337944
- Description: 6-Way F 0.64 Series (BK)

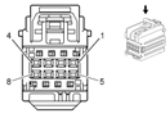
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579977	J-35616-64B (L-BU)	J-38125-553	1393366-1	16	K	K

A26 HVAC Controls

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/YE	**1:** 7531	**1:** Linear Interconnect Network Bus 9	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BK	**2:** 1650	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** RD/YE	**3:** 240	**3:** Battery Positive Voltage	**3:** I	**3:** -
4-6	-	-	-	Not Occupied	-	-

S38 IGNTION MODE SWITCH (BTM)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15480082
- Service Connector: 19149303
- Description: 8-Way F Micro 64 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

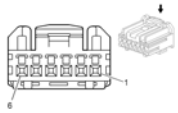
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I	13579976	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

S38 Igntion Mode Switch (BTM)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** BN/BK	**2:** 5720	**2:** Ignition Mode Switch Accessory LED Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-GN/BK	**3:** 3558	**3:** Passive Start Switch Signal 2	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 1650	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-BU/BK	**5:** 5719	**5:** Ignition Mode Switch Start LED Signal	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-BU/D-GN	**6:** 5723	**6:** Ignition Mode Switch Mode Voltage	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK/GY	**7:** 3559	**7:** Passive Start Switch 2 Low Reference	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** YE	**8:** 6817	**8:** LED Backlight Dimming Control	**8:** I	**8:** -

S39 IGNITION SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608102
- Service Connector: 19153174
- Description: 6-Way F 1.2 HCM Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575868	J-35616-64B (L-BU)	J-38125-12A	SHCM-A03T-P025	20	J	J

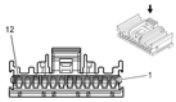
S39 Ignition Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** VT/BK	**1:** 3	**1:** Run/Crank Ignition 1 Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** RD/VT	**2:** 340	**2:** Battery Positive Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/YE	**3:** 4	**3:** Accessory Voltage	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH/VT	**4:** 1020	**4:** Off/Run/Crank Voltage	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** WH/BK	**6:** 1073	**6:** Ignition Key Resistor Signal	**6:** I	**6:** -

S52 OUTSIDE REARVIEW MIRROR SWITCH



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15499371
- Service Connector: 19115105
- Description: 12-Way F Kaizen 64 Series (BK)

Terminal Part Information

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

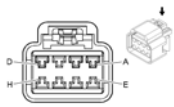
S52 Outside Rearview Mirror Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/D-BU	**1:** 3390	**1:** Driver Mirror Motor Up (+) Down (-) Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/BN	**2:** 3391	**2:** Driver Mirror Motor Common Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/BK	**3:** 3389	**3:** Driver Mirror Motor Right (+) Left (-) Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD/GY	**4:** 2840	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 50	**5:** Ground	**5:** I	**5:** -
7: 7	**7:** 0.5	**7:** YE/VT	**7:** 3397	**7:** Co-Driver Mirror Motor Up (+) Down (-) Control	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** WH	**8:** 3398	**8:** Co-Driver Mirror Motor Common Control	**8:** I	**8:** -

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9: 9	**9:** 0.5	**9:** D-GN/BK	**9:** 3396	**9:** Co-Driver Mirror Motor Right (+) Left (-) Control	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** YE	**10:** 6817	**10:** LED Backlight Dimming Control	**10:** I	**10:** -
11-12	-	-	-	Not Occupied	-	-

S64D SEAT ADJUSTER SWITCH - DRIVER (ADS)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15326924
- Service Connector: 19153751
- Description: 8-Way F GT 280 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575756	J-35616-4A (PU)	J-38125-553	15304713	19	F	D

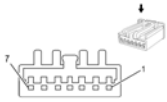
S64D Seat Adjuster Switch - Driver (ADS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1.5	**A:** D-BU	**A:** 286	**A:** Driver Power Seat Front Vertical Motor Up Control	**A:** I	**A:** -
B: B	**B:** 1.5	**B:** BK	**B:** 2150	**B:** Ground	**B:** I	**B:** -
C: C	**C:** 1.5	**C:** YE	**C:** 285	**C:** Driver Power Seat Horizontal Motor Forward Control	**C:** I	**C:** -
D: D	**D:** 1.5	**D:** RD	**D:** 702	**D:** Battery Positive Voltage	**D:** I	**D:** -
E: E	**E:** 1.5	**E:** WH	**E:** 282	**E:** Driver Power Seat Rear Vertical Motor Up Control	**E:** I	**E:** -
F: F	**F:** 1.5	**F:** BN	**F:** 284	**F:** Driver Power Seat Horizontal Motor Rearward Control	**F:** I	**F:** -
G: G	**G:** 1.5	**G:** D-GN	**G:** 283	**G:** Driver Power Seat Rear Vertical Motor Down Control	**G:** I	**G:** -

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H: H	**H:** 1.5	**H:** GY	**H:** 287	**H:** Driver Power Seat Front Vertical Motor Down Control	**H:** I	**H:** -

S70L STEERING WHEEL CONTROLS SWITCH - LEFT (K34)



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: AIT2PB-7-1FS
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-way F (WH)

Terminal Part Information

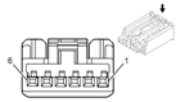
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Parts Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness - See Parts Catalog	Service by Harness - See Parts Catalog	Not Available	Not Available

S70L Steering Wheel Controls Switch - Left (K34)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** WH/RD	**1:** 1444	**1:** 12 Volt Reference	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.35	**3:** BN/D-GN	**3:** 1884	**3:** Cruise Control Set/Coast/Resume/Accelerate Switch Signal	**3:** I	**3:** -
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.35	**6:** YE	**6:** 6817	**6:** LED Backlight Dimming Control	**6:** I	**6:** -
7: 7	**7:** 0.35	**7:** BK	**7:** 1650	**7:** Ground	**7:** I	**7:** -

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT (W1Y)

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Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: AIT2PB-6-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-way F (WH)

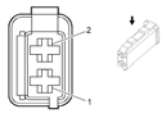
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Parts Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness - See Parts Catalog	Service by Harness - See Parts Catalog	Not Available	Not Available

S70R Steering Wheel Controls Switch - Right (W1Y)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/RD	**1:** 1444	**1:** 12V Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/WH	**2:** 6819	**2:** Steering Wheel Resistor Ladder Signal #2	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** YE	**4:** 6817	**4:** LED Backlight Dimming Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 50	**5:** Ground	**5:** I	**5:** -
6	-	-	-	Not Occupied	-	-

S72 SUNROOF SWITCH (CF5)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10768790
- Service Connector: 13584096
- Description: 4-Way F 0.64 Micro Quadlok Series (BK)

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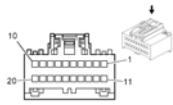
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S72 Sunroof Switch (CF5)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/GY	**1:** 128	**1:** Sunroof Switch Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/VT	**4:** 5027	**4:** Sunroof Switch Data (1)	**4:** I	**4:** -

S75 TRACTION CONTROL SWITCH (FX3)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13655543
- Service Connector: 13580981
- Description: 6-Way F 0.64 MTS Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

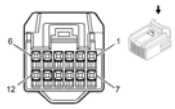
S75 Traction Control Switch (FX3)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** YE	**3:** 6817	**3:** Cruise Control Set/Coast/Resume/Accelerate Switch	**3:** I	**3:** -

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				Signal		
4: 4	**4:** 0.5 **4:** 0.5	**4:** BK **4:** BK	**4:** 1750 **4:** 1650	**4:** Ground **4:** Ground	**4:** I	**4:** MF3 or MZ0 **4:** MH8
5-6	-	-	-	Not Occupied	-	-

S78 TURN SIGNAL/MULTI-FUNCTION SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13604008
- Service Connector: 13576635
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

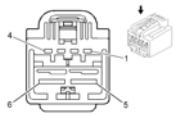
S78 Turn Signal/Multi-Function Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/L-GN	**1:** 663	**1:** Hazard Switch Left Turn Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 524	**2:** Headlamp Dimmer Switch High Beam Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** YE/BN	**4:** 307	**4:** Headlamp Switch Flash To Pass Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** GY/L-BU	**5:** 893	**5:** Driver Information Center Select Menu Switch Signal	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** BK/BN	**6:** 897	**6:** Driver Information Center Switch Low Reference	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** VT/D-BU	**7:** 664	**7:** Hazard Switch Right Turn Signal	**7:** I	**7:** -

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8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.35	**12:** D-GN/WH	**12:** 1358	**12:** Driver Information Center Switch Signal	**12:** I	**12:** -

S79D WINDOW SWITCH - DRIVER (AEC)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15491286
- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

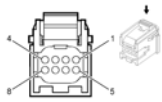
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Pending	Not Available	Not Available	Not Available	Not Available

S79D Window Switch - Driver (AEC)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/GY	**2:** 3382	**2:** Power Window Motor Driver Up Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/VT	**3:** 3383	**3:** Power Window Motor Driver Down Control	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** GY	**6:** 745	**6:** Left Front Door Ajar Switch Signal	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** WH/VT	**7:** 3270	**7:** Driver Door Lock Motor Status Control	**7:** I	**7:** -
8	-	-	-	Not Occupied	-	-

S79D WINDOW SWITCH - DRIVER (AXG)

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15406142
- Service Connector: 13337949
- Description: 8-Way F Micro 64 Series (GY)

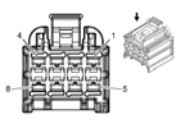
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579976	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

S79D Window Switch - Driver (AXG)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 1550	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN	**2:** 3381	**2:** Power Window Switch Driver Express Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY	**3:** 3380	**3:** Power Window Switch Driver Down Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-GN/WH	**6:** 3379	**6:** Power Window Switch Driver Up Signal	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** WH/VT	**7:** 3270	**7:** Driver Door Lock Motor Status Control	**7:** I	**7:** -
8	-	-	-	Not Occupied	-	-

S79LR WINDOW SWITCH - LEFT REAR



Connector Part Information

- Harness Type: Left Rear Door

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- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

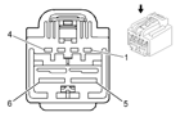
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	Not Available	Not Available	Not Available	Not Available	Not Available

S79LR Window Switch - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 6135	**1:** Linear Interconnect Network Bus 4	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 747	**2:** Left Rear Door Ajar Switch Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 2350	**3:** Ground	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** BK	**5:** 2350	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 2.5	**6:** D-BU/GY	**6:** 668	**6:** Power Window Motor Left Rear Up Control	**6:** I	**6:** -
7: 7	**7:** 2.5	**7:** D-GN/BK	**7:** 669	**7:** Power Window Motor Left Rear Down Control	**7:** I	**7:** -
8: 8	**8:** 2.5	**8:** RD/BN	**8:** 2940	**8:** Battery Positive Voltage	**8:** I	**8:** -

S79P WINDOW SWITCH - PASSENGER



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

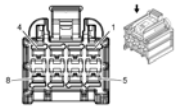
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	Not Available	Not Available	Not Available	Not Available	Not Available

S79P Window Switch - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** D-GN/GY	**2:** 3387	**2:** Power Window Motor Co-Driver Up Control	**2:** I	**2:** -
3: 3	**3:** 2.5	**3:** YE/D-BU	**3:** 3388	**3:** Power Window Motor Co-Driver Down Control	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** GY	**6:** 746	**6:** Right Front Door Ajar Switch Signal	**6:** I	**6:** -
7-8	-	-	-	Not Occupied	-	-

S79RR WINDOW SWITCH - RIGHT REAR



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	15315247	Not Available	Not Available	Not Available	Not Available

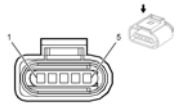
S79RR Window Switch - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type	Option

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					ID	
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 6135	**1:** Linear Interconnect Network Bus 4	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 748	**2:** Right Rear Door Ajar Switch Signal	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** BK	**5:** 2350	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 2.5	**6:** D-BU/GY	**6:** 670	**6:** Power Window Motor Right Rear Up Control	**6:** I	**6:** -
7: 7	**7:** 2.5	**7:** D-GN/BKk	**7:** 671	**7:** Power Window Motor Right Rear Down Control	**7:** I	**7:** -
8: 8	**8:** 2.5	**8:** RD/BN	**8:** 2940	**8:** Battery Positive Voltage	**8:** I	**8:** -

S82 WINDSHIELD WIPER/WASHER SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13609516
- Service Connector: 13576541
- Description: 8-Way F 1.2 HCM Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575868	J-35616-64B (L-BU)	J-38125-12A	SHCM-A03T-P025	20	J	J

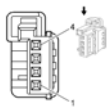
S82 Windshield Wiper/Washer Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 1715	**1:** Windshield Wiper Switch High Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/GY	**2:** 6009	**2:** Windshield Wiper Switch Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/D-BU	**3:** 1714	**3:** Windshield Wiper Switch Low Signal	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
				5: Windshield Washer		

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5: 5	**5:** 0.5	**5:** WH/BK	**5:** 94	Switch Signal	**5:** I	**5:** -
6-8	-	-	-	Not Occupied	-	-

S88 SUNROOF TILT SWITCH (CF5)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13597457
- Service Connector: 13576536
- Description: 4-Way F 0.64 Micro Quadlok Series (WH)

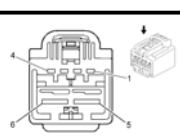
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S88 Sunroof Tilt Switch (CF5)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/BN	**1:** 128	**1:** Sunroof Switch Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH/D-GN	**4:** 3031	**4:** Sunroof Vent Switch Signal	**4:** I	**4:** -

T3 AUDIO AMPLIFIER X1 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491286

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- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

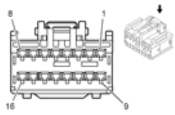
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	8100-4444	22	2	A
II	13575577	J-35616-35 (VT)	J-38125-553	8100-4445	22	F	D

T3 Audio Amplifier X1 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** L-GN/VT	**1:** 1795	**1:** Right Subwoofer Speaker (+)	**1:** I	**1:** -
2: 2	**2:** 1	**2:** D-GN/BK	**2:** 1794	**2:** Left/Rear Subwoofer Speaker (-)	**2:** I	**2:** -
3: 3	**3:** 1	**3:** D-BU/GY	**3:** 346	**3:** Left/Rear Subwoofer Speaker (+)	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/WH	**4:** 1040	**4:** Battery Positive Voltage	**4:** II	**4:** -
5: 5	**5:** 1	**5:** GY/BK	**5:** 315	**5:** Right Subwoofer Speaker (-)	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 2.5	**8:** BK	**8:** 450	**8:** Ground	**8:** II	**8:** -

T3 AUDIO AMPLIFIER X2 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15489823
- Service Connector: 15134091
- Description: 16-Way F 1.5 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

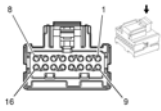
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I	13327201	J-35616-2A (GY)	J-38125-553	8240-0128	22	C	A

T3 Audio Amplifier X2 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-BU	**1:** 201	**1:** Left Front Speaker (+) (1)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BN/D-BU	**2:** 118	**2:** Left Front Speaker Signal (-) (1)	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** D-GN	**3:** 199	**3:** Left Rear Speaker (+)	**3:** I	**3:** -
4: 4	**4:** 0.75	**4:** D-GN/BK	**4:** 116	**4:** Left Rear Speaker Signal (-)	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.75	**7:** YE/WH	**7:** 1860	**7:** Front Center Speaker (+)	**7:** I	**7:** -
8: 8	**8:** 0.75	**8:** D-BU/YE	**8:** 1960	**8:** Front Center Speaker (-)	**8:** I	**8:** -
9: 9	**9:** 0.75	**9:** D-BU/BK	**9:** 115	**9:** Right Rear Speaker Signal (-)	**9:** I	**9:** -
10: 10	**10:** 0.75	**10:** WH	**10:** 46	**10:** Right Rear Speaker (+)	**10:** I	**10:** -
11: 11	**11:** 0.75	**11:** YE	**11:** 200	**11:** Right Front Speaker (+) (1)	**11:** I	**11:** -
12: 12	**12:** 0.75	**12:** YE/BK	**12:** 117	**12:** Right Front Speaker Signal (-) (1)	**12:** I	**12:** -
13-16	-	-	-	Not Occupied	-	-

T3 AUDIO AMPLIFIER X3 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15394150
- Service Connector: 13504130
- Description: 16-Way F Micro-Pack 064 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
		J-35616-64B					

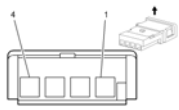
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I	13575528	(L-BU)	J-38125-21	15359541	4	M	M

T3 Audio Amplifier X3 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-GN/BK	**1:** 599	**1:** Left Rear Low Level Audio Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** BN/VT	**2:** 1999	**2:** Left Rear Low Level Audio (-)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** D-BU/BK	**3:** 1946	**3:** Right Rear Low Level Audio (-)	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** BN/WH	**4:** 546	**4:** Right Rear Low Level Audio Signal	**4:** I	**4:** -
5-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.35	**8:** D-GN/YE	**8:** 7066	**8:** Entertainment Remote Enable Signal	**8:** I	**8:** -
9: 9	**9:** 0.35	**9:** YE	**9:** 512	**9:** Right Front Low Level Audio Signal	**9:** I	**9:** -
10: 10	**10:** 0.35	**10:** D-BU/BN	**10:** 1546	**10:** Front Low Level Audio (-)	**10:** I	**10:** -
11: 11	**11:** 0.35	**11:** BN/D-BU	**11:** 1947	**11:** Left Front Low Level Audio (-)	**11:** I	**11:** -
12: 12	**12:** 0.35	**12:** D-BU	**12:** 511	**12:** Left Front Low Level Audio Signal	**12:** I	**12:** -
13-15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5	**16:** VT/D-BU	**16:** 6978	**16:** Amplifier Control	**16:** I	**16:** -

T10E KEYLESS ENTRY ANTENNA - REAR COMPARTMENT (ATH)



Connector Part Information

- Harness: Body
- OEM: 24414929
- Service: 24414929
- Description: 4-Way F 64 MQS Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
	Service by Harness - See		

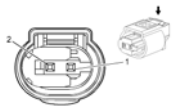
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I	Part Catalog	J-35616-65B (L-BU)	J-38125-215A

T10E Keyless Entry Antenna - Rear Compartment (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/D-GN	**1:** 3556	**1:** Passive Start Interior Antenna 3 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN	**2:** 3557	**2:** Passive Start Interior Antenna 3 Signal Lo	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-

T10G KEYLESS ENTRY ANTENNA - REAR FASCIA (ATH)



Connector Part Information

- Harness: Body
- OEM: 24461693
- Service Connector: 13316128
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

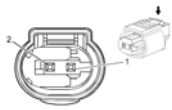
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13575569	J-35616-65B (L-BU)	J-38125-12A

T10G Keyless Entry Antenna - Rear Fascia (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/D-GN	**1:** 3568	**1:** Passive Entry Rear Closure Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/GY	**2:** 3569	**2:** Passive Entry Rear Closure Antenna Signal Lo	**2:** I	**2:** -

T10J KEYLESS ENTRY ANTENNA - CENTER CONSOLE FRONT (ATH)



Connector Part Information

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- Harness: Console
- OEM: 24461693
- Service Connector: 13316128
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

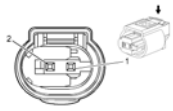
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10J Keyless Entry Antenna - Center Console Front (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/BK	**1:** 3552	**1:** Passive Start Interior Antenna 1 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 3553	**2:** Passive Start Interior Antenna 1 Signal Lo	**2:** I	**2:** -

T10K KEYLESS ENTRY ANTENNA - CENTER CONSOLE REAR (ATH)



Connector Part Information

- Harness Type: Console
- OEM Connector: 1-967644-1
- Service Connector: 13576533
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13576395	J-35616-64B (L-BU)	J-38125-12A

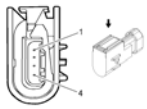
T10K Keyless Entry Antenna - Center Console Rear (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU	**1:** 3554	**1:** Passive Start Interior Antenna 2 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/BK	**2:** 3555	**2:** Passive Start Interior	**2:** I	**2:** -

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				Antenna 2 Signal Lo		

T10M KEYLESS ENTRY ANTENNA - DRIVER DOOR HANDLE (ATH)



Connector Part Information

- Harness: Driver Door
- OEM: 19153433
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 0.64 Series, Sealed (BK)

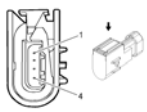
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10M Keyless Entry Antenna - Driver Door Handle (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT	**1:** 3560	**1:** Passive Entry Driver Door Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/GY	**2:** 3561	**2:** Passive Entry Driver Door Antenna Signal Lo	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GN/WH	**3:** 6655	**3:** Driver Door Unlatch Switch Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 350	**4:** Ground	**4:** I	**4:** -

T10N KEYLESS ENTRY ANTENNA - PASSENGER DOOR HANDLE (ATH)



Connector Part Information

- Harness: Passenger Door
- OEM: 19153433
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 0.64 Series, Sealed (BK)

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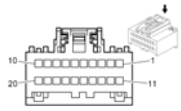
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10N Keyless Entry Antenna - Passenger Door Handle (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GN/YE	**1:** 3562	**1:** Passive Entry Co-Driver Door Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/BK	**2:** 3563	**2:** Passive Entry Co-Driver Door Antenna Signal Lo	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** GY/BU	**3:** 3576	**3:** Co-Driver Door Exterior Switch Lock Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 350	**4:** Ground	**4:** I	**4:** -

T11 MULTIMEDIA PLAYER INTERFACE MODULE (KTA)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15489824
- Service Connector: 15126711
- Description: 20-Way F 64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579944	Pending	Pending	Not Available	Not Available	Not Available	Not Available

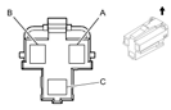
T11 Multimedia Player Interface Module (KTA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/D-GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** D-BU	**2:** 2060	**2:** Auxiliary Detection Signal	**2:** I	**2:** -

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3: 3	**3:** 0.35	**3:** VT	**3:** 5843	**3:** Auxiliary Audio Common Signal	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** D-GN	**4:** 3376	**4:** Auxiliary Audio Common Signal (3)	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** BARE	**5:** 3375	**5:** Auxiliary Audio Drain Wire (3)	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** D-GN	**8:** 5060	**8:** Low Speed GMLAN Serial Data	**8:** I	**8:** -
9-10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** BK	**11:** 1750	**11:** Ground	**11:** I	**11:** -
12: 12	**12:** 0.35	**12:** GY	**12:** 5839	**12:** Left Auxiliary Audio Signal (2)	**12:** I	**12:** -
13: 13	**13:** 0.35	**13:** D-GN	**13:** 5841	**13:** Right Auxiliary Audio Signal (2)	**13:** I	**13:** -
14: 14	**14:** 0.35	**14:** VT	**14:** 3377	**14:** Left Auxiliary Audio Signal (3)	**14:** I	**14:** -
15: 15	**15:** 0.35	**15:** BN	**15:** 3378	**15:** Right Auxiliary Audio Signal (3)	**15:** I	**15:** -
16-17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.35	**18:** BARE	**18:** 5842	**18:** Auxiliary Audio Screen (2)	**18:** I	**18:** -
19-20	-	-	-	Not Occupied	-	-

X80L ACCESSORY POWER RECEPTACLE - REAR CONSOLE



Connector Part Information

- Harness Type: Console
- OEM Connector: 12176836
- Service Connector: 19257374
- Description: 3-Way F Metri-Pack 280 Series (GY)

Terminal Part Information

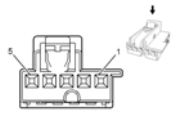
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575721	J-35616-4A (PU)	J-38125-553	12110844	4	C	A

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X80L Accessory Power Receptacle - Rear Console

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1.0	**A:** VT	**A:** 801	**A:** Retained Accessory Power Fuse Supply Voltage	**A:** I	**A:** -
B	-	-	-	Not Occupied	-	-
C: C	**C:** 1.0	**C:** BK	**C:** 2150	**C:** Ground	**C:** I	**C:** -

X83 AUXILIARY AUDIO INPUT



Connector Part Information

- Harness Type: Console
- OEM Connector: 13668446
- Service Connector: 13585147
- Description: 5-Way F 64 MQS Series (BK)

Terminal Part Information

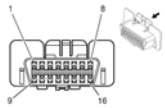
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

X83 Auxiliary Audio Input

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-BU	**1:** 2060	**1:** Auxiliary Detection Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** GY	**2:** 5839	**2:** Left Auxiliary Audio Signal (2)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BARE	**3:** 5842	**3:** Auxiliary Audio Screen (2)	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** L-GN	**4:** 5841	**4:** Right Auxiliary Audio Signal (2)	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** VT	**5:** 5843	**5:** Auxiliary Audio Common Signal	**5:** I	**5:** -

X84 DATA LINK CONNECTOR

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15317575
- Service Connector: 15317575
- Description: 16-Way F Metri-Pack/150 Series (BK)

Terminal Part Information

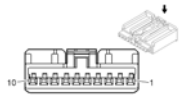
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575725	J-35616-14 (GN)	J-38125-12A	12129484	19	E	C

X84 Data Link Connector

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN	**1:** 5060	**1:** Low Speed GMLAN Serial Data	**1:** I	**1:** -
2-3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** BK	**4:** 2150	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 2150	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-BU	**6:** 2500	**6:** High Speed GMLAN Serial Data (+) (1)	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BN/WH	**7:** 5043	**7:** Keyword 2000 Serial Data	**7:** I	**7:** -
8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** D-BU/YE	**12:** 6105	**12:** High Speed GMLAN Serial Data (+) (2)	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** WH	**13:** 6106	**13:** High Speed GMLAN Serial Data (-) (2)	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** WH	**14:** 2501	**14:** High Speed GMLAN Serial Data (-) (1)	**14:** I	**14:** -
15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5 **16:** 0.5	**16:** RD/D-BU **16:** RD/D-BU	**16:** 540 **16:** 540	**16:** Battery Positive Voltage **16:** Battery Positive Voltage	**16:** I	**16:** -

X85 STEERING WHEEL AIR BAG COIL X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F AIT II Series (BK)

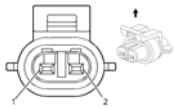
Terminal Part Information

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

X85 Steering Wheel Air Bag Coil X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/WH	**1:** 3287	**1:** Horn Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 50	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/D-GN	**3:** 5737	**3:** Adaptive Cruise Control Gap Up/Down Switch Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** L-GN/WH	**4:** 6819	**4:** Steering Wheel Resistor Ladder Signal 2	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** WH/RD	**5:** 1444	**5:** 12 Volt Reference	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** YE	**6:** 6817	**6:** LED Backlight Dimming Control	**6:** I	**6:** -
7-10	-	-	-	Not Occupied	-	-

X85 STEERING WHEEL AIR BAG COIL X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15393421
- Service Connector: 13580115

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- Description: 4-Way F Micro-Pack 064 Series (YE)

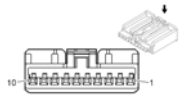
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13580115	J-35616-64B (L-BU)	Not Available	Not Available	Not Available	Not Available	Not Available

X85 Steering Wheel Air Bag Coil X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/VT	**1:** 3021	**1:** Steering Wheel Module Stage 1 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/OG	**2:** 3020	**2:** Steering Wheel Module Stage 1 Low Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** OG/D-GN	**3:** 3023	**3:** Steering Wheel Module Stage 2 High Control	**3:** I	**3:** Early Production
4: 4	**4:** 0.5	**4:** WH/D-GN	**4:** 3022	**4:** Steering Wheel Module Stage 2 Low Control	**4:** I	**4:** Early Production

X85 STEERING WHEEL AIR BAG COIL X3



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F AIT II Series (BK)

Terminal Part Information

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

X85 Steering Wheel Air Bag Coil X3

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 0.5	**5:** YE	**5:** 6817	**5:** LED Backlight Dimming Control	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** WH/RD	**6:** 1444	**6:** 12 Volt Reference	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** D-GN/WH	**7:** 6819	**7:** Steering Wheel Resistor Ladder Signal 2	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** BN/D-GN	**8:** 1884	**8:** Cruise Control Set/Coast/Resume/Accelerate Switch Signal	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** BK	**9:** 50	**9:** Ground	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** BN/WH	**10:** 3287	**10:** Horn Switch Signal	**10:** I	**10:** -

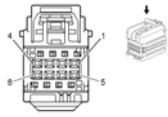
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2013 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

P17 INFO DISPLAY MODULE X1 (UHQ)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 7283-9028-30
- Service Connector: 13576542
- Description: 8-Way F YESC Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579944	Pending	Pending	Not Available	Not Available	Not Available	Not Available
II	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available

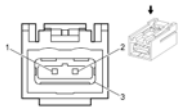
P17 Info Display Module X1 (UHQ)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** -	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 1750	**2:** Ground	**2:** -	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.35	**4:** GY	**4:** 3369	**4:** Touch Screen Display Signal (+)	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** BN/GN	**5:** 3364	**5:** Navigation Display Reset Signal	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** GN/YE	**6:** 7066	**6:** Entertainment Remote Enable Signal	**6:** II	**6:** -
7: 7	**7:** 0.35	**7:** BARE	**7:** 3368	**7:** Touch Screen Display Drain Wire	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** VT	**8:** 3370	**8:** Touch Screen Display	**8:** II	**8:** -

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				Signal (-)		

P17 INFO DISPLAY MODULE X2 (UHQ)



Connector Part Information

- Harness Type: Instrument Panel TWINAX
- OEM Connector: 13649293
- Service Connector: Service by Cable Assembly - See Parts Catalog
- Description: 3-Way F Sealed (L-BU)

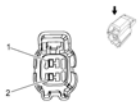
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Cable Assembly - See Parts Catalog	No Tool Required	No Tool Required

P17 Info Display Module X2 (UHQ)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** BN	**1:** 3367	**1:** Navigation Display Signal (-)	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** BU	**2:** 3366	**2:** Navigation Display Signal (+)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BARE	**3:** 3365	**3:** Navigation Display Drain Wire	**3:** I	**3:** -

P19AA SPEAKER - RIGHT SUBWOOFER



Connector Part Information

- Harness Type: Body
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

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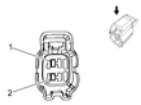
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AA Speaker - Right Subwoofer

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** GY/BK	**1:** 315	**1:** Right Subwoofer Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 1	**2:** D-GN/VT	**2:** 1795	**2:** Right Subwoofer Speaker (+)	**2:** I	**2:** UQA

P19AG SPEAKER - LEFT FRONT DOOR



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

Terminal Part Information

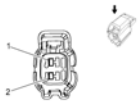
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AG Speaker - Left Front Door

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

P19AH SPEAKER - RIGHT FRONT DOOR

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13699622
- Service Connector: 13555768
- Description: 2-Way F 150 Series (BK)

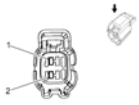
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AH Speaker - Right Front Door

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

P19AL SPEAKER - LEFT REAR DOOR



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A	J-38125-29	13526678	PO	2	A

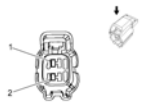
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		(GY)					

P19AL Speaker - Left Rear Door

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

P19AM SPEAKER - RIGHT REAR DOOR



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13699622
- Service Connector: 13555768
- Description: 2-Way F 150 Series (BK)

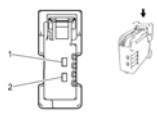
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19AM Speaker - Right Rear Door

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

P19B SPEAKER - CENTER INSTRUMENT PANEL (UQA)



Connector Part Information

- Harness Type: Instrument Panel

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- OEM Connector: 13682170
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

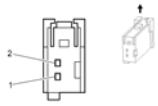
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327201	J-35616-2A (GY)	J-38125-553	8240-0128	22	C	A

P19B Speaker - Center Instrument Panel (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-BU/YE	**1:** 1960	**1:** Front Center Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 0.75	**2:** YE/WH	**2:** 1860	**2:** Front Center Speaker (+)	**2:** I	**2:** UQA

P19H SPEAKER - LEFT FRONT TWEETER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

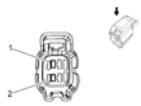
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (L-BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

P19H Speaker - Left Front Tweeter

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

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P19N SPEAKER - LEFT SUBWOOFER



Connector Part Information

- Harness Type: Body
- OEM Connector: 13699622
- Service Connector: 13355768
- Description: 2-Way F 150 Series (BK)

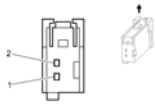
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575480	J-35616-2A (GY)	J-38125-29	13526678	PO	2	A

P19N Speaker - Left Subwoofer

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** D-GN/BK	**1:** 1794	**1:** Left/Rear Subwoofer Speaker (-)	**1:** I	**1:** UQA
2: 2	**2:** 1	**2:** D-BU/GY	**2:** 346	**2:** Left/Rear Subwoofer Speaker (+)	**2:** I	**2:** UQA

P19V SPEAKER - RIGHT FRONT TWEETER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

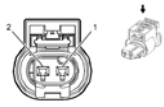
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			Tool				
I	13575867	J-35616-64B (L-BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

P19V Speaker - Right Front Tweeter

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

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564248
- Service Connector: 13577537
- Description: 2-Way F 1.2 MLK Series, Sealed (BK)

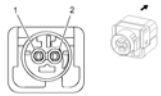
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576385	Pending	Pending	Not Available	Not Available	Not Available	Not Available

Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/VT	**1:** 6754	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/D-BU	**2:** 5282	**2:** Camshaft Phaser Exhaust Solenoid (1)	**2:** I	**2:** -

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LUW/LWE)



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Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566735
- Service Connector: 13581094
- Description: 2-Way F 1.5 Series, Sealed (BK)

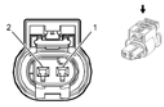
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/VT	**1:** 6754	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/D-BU	**2:** 5282	**2:** Camshaft Phaser Exhaust Solenoid (1)	**2:** I	**2:** -

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55564248
- Service Connector: 13577537
- Description: 2-Way F 1.2 MLK Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576385	Pending	Pending	Not Available	Not Available	Not Available	Not Available

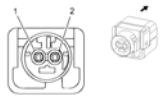
Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** BN/WH	**1:** 6753	**1:** Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/BN	**2:** 5284	**2:** Camshaft Phaser Intake Solenoid (1)	**2:** I	**2:** -

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55566735
- Service Connector: 13581094
- Description: 2-Way F 1.5 Series, Sealed (BK)

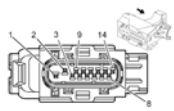
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13582274	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)

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

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1 (MH8)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13522378
- Service Connector: 13503939
- Description: 14-Way F GT 150 280 Series, Sealed (L-GY)

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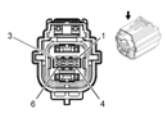
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575392	J-35616-4A (PU)	J-38125-553	15304720	19	4	5
II	13575400	J-35616-2A (GY)	J-38125-553	15326267	19	E	4

Q8 Control Solenoid Valve Assembly X1 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75 **1:** 0.75	**1:** RD/WH **1:** RD/WH	**1:** 340 **1:** 1840	**1:** Battery Positive Voltage **1:** Battery Positive Voltage	**1:** I	**1:** LUJ **1:** LUW
2: 2	**2:** 0.75	**2:** BK	**2:** 150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5 **3:** 0.5	**3:** L-GN **3:** WH/GY	**3:** 275 **3:** 1786	**3:** Transmission Park/Neutral Signal (1) **3:** Transmission Park/Neutral Signal (1)	**3:** II	**3:** LUJ **3:** LUW
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** D-BU	**6:** 2500	**6:** High Speed GMLAN Serial Data (+) (1)	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** D-BU	**7:** 2500	**7:** High Speed GMLAN Serial Data (+) (1)	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** WH	**8:** 2501	**8:** High Speed GMLAN Serial Data (-) (1)	**8:** II	**8:** -
9	-	-	-	Not Occupied	-	-
10: 10	**10:** 0.5	**10:** WH/D-BU	**10:** 6311	**10:** Cruise/ETC/TCC Brake Signal	**10:** -	**10:** LUW
11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5 **12:** 0.5	**12:** VT/D-BU **12:** VT/GY	**12:** 139 **12:** 139	**12:** Ignition Voltage **12:** Ignition Voltage	**12:** II	**12:** LUJ **12:** LUW
13: 13	**13:** 0.5 **13:** 0.5	**13:** BU **13:** VT/YE	**13:** 5985 **13:** 5985	**13:** Accessory Wakeup Serial Data **13:** Accessory Wakeup Serial Data	**13:** II	**13:** LUJ **13:** LUW
14: 14	**14:** 0.5	**14:** WH	**14:** 2501	**14:** High Speed GMLAN Serial Data (-) (1)	**14:** II	**14:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X2 (MH8)



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Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13540209
- Service Connector: 13504952
- Description: 6-Way F Micro-Pack 150.2 Series Sealed (BU)

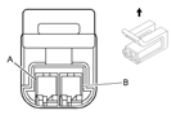
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X2 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BU	**A:** -	**A:** Park/Neutral Switch Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** GN	**B:** -	**B:** Transmission Range Switch Signal A	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** GY	**C:** -	**C:** Transmission Range Switch Signal B	**C:** I	**C:** -
D: D	**D:** 0.5	**D:** YE	**D:** -	**D:** Transmission Range Switch Signal C	**D:** I	**D:** -
E: E	**E:** 0.5	**E:** RD	**E:** -	**E:** Transmission Range Switch Signal P	**E:** I	**E:** -
F: F	**F:** 0.5	**F:** BK	**F:** -	**F:** Low Reference	**F:** I	**F:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X3 (MH8)



Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13586529
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

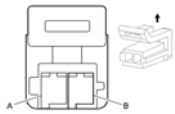
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X3 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** WH	**A:** -	**A:** ISS High Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** -	**B:** ISS Low Signal	**B:** I	**B:** -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X4 (MH8)



Connector Part Information

- Harness Type: Automatic Transmission
- OEM Connector: 13543034
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

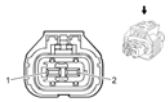
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Component Assembly	J-35616-14 (GN)	Not Available	Not Available	Not Available	Not Available	Not Available

Q8 Control Solenoid Valve Assembly X4 (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** WH	**A:** -	**A:** OSS High Signal	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BK	**B:** -	**B:** OSS Low Signal	**B:** I	**B:** -

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LUV)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565696
- Service Connector: 13355785
- Description: 2-Way F 2.8 Series, Sealed (BK)

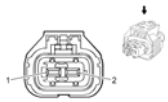
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	J-35616-35 (VT)	J-38125-561	1928498056	8	E	1

Q12 Evaporative Emission Purge Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GN/D-BU	**1:** 428	**1:** EVAP Canister Purge Solenoid Control	**1:** I	**1:** -
2: 2	**2:** RD/WH	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13125727
- Service Connector: 13355748
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not	J-35616-35	J-38125-561	1928498056	8	E	1

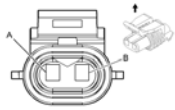
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	Available	(VT)					

Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** L-GN/D-BU	**1:** 428	**1:** EVAP Canister Purge Solenoid Control	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** VT/D-BU	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 12052643
- Service Connector: 13585860
- Description: 2-Way F Metri-Pack 150 Series, Sealed (RD)

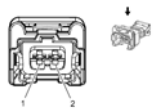
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575427	J-35616-14 (GN)	J-38125-12A	12048074	2	E	1

Q13 Evaporative Emission Vent Solenoid Valve

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.75	**A:** RD/D-BU	**A:** 5372	**A:** Canister Valve Solenoid	**A:** I	**A:** -
B: B	**B:** 0.75	**B:** WH	**B:** 1310	**B:** EVAP Canister Vent Solenoid Control	**B:** I	**B:** -

Q17A FUEL INJECTOR 1 (LUV)



Connector Part Information

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- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

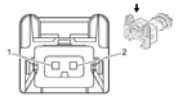
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17A Fuel Injector 1 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/VT	**2:** 1744	**2:** Fuel Injector Control (1)	**2:** I	**2:** -

Q17A FUEL INJECTOR 1 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

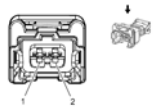
Q17A Fuel Injector 1 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
				1: Powertrain Main Relay		

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1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 1744	**2:** Fuel Injector Control (1)	**2:** I	**2:** -

Q17B FUEL INJECTOR 2 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

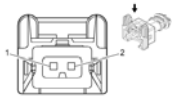
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17B Fuel Injector 2 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/WH	**2:** 1745	**2:** Fuel Injector Control (2)	**2:** I	**2:** -

Q17B FUEL INJECTOR 2 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

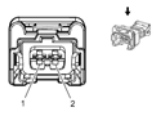
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17B Fuel Injector 2 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/WH	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** L-GN/BK	**2:** 1745	**2:** Fuel Injector Control (2)	**2:** I	**2:** -

Q17C FUEL INJECTOR 3 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

Terminal Part Information

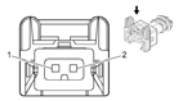
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17C Fuel Injector 3 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/YE	**2:** 1746	**2:** Fuel Injector Control (3)	**2:** I	**2:** -

Q17C FUEL INJECTOR 3 (LUW/LWE)

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Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

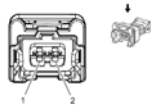
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17C Fuel Injector 3 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH/BK	**2:** 1746	**2:** Fuel Injector Control (3)	**2:** I	**2:** -

Q17D FUEL INJECTOR 4 (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

Terminal Part Information

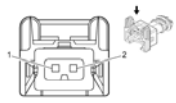
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327154	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

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Q17D Fuel Injector 4 (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BU	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN	**2:** 844	**2:** Fuel Injector Control (4)	**2:** I	**2:** -

Q17D FUEL INJECTOR 4 (LUW/LWE)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

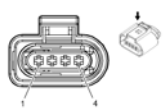
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581346	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q17D Fuel Injector 4 (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** PK/BK	**1:** 5291	**1:** Powertrain Main Relay Fused Supply (2)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-BU/BK	**2:** 844	**2:** Fuel Injector Control (4)	**2:** I	**2:** -

Q22 INTAKE MANIFOLD TUNING SOLENOID VALVE (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13167844

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- Service Connector: 13581095
- Description: 4-Way F Sealed (BK)

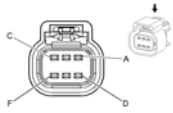
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13576394	J-35616-64B (L-BU)	J-38125-12A	962885-5	15	6	6

Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/D-BU	**1:** 5293	**1:** Powertrain Main Relay Fused Supply (4)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-BU	**3:** 7302	**3:** Intake Manifold Tuning Valve (IMTV) Control - Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** GY/L-GN	**4:** 7303	**4:** Intake Manifold Tuning Valve (IMTV) Position - Signal	**4:** I	**4:** -

Q38 THROTTLE BODY



Connector Part Information

- Harness Type: Engine
- OEM Connector: 55565697
- Service Connector: 13355786
- Description: 6-Way Sealed (BK)

Terminal Part Information

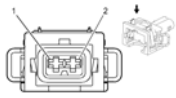
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575396	J-35616-2A (GY)	J-38125-553	15326427	5	E	A

Q38 Throttle Body

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BN/WH	**A:** 582	**A:** Throttle Actuator Control Close	**A:** I	**A:** -
B: B	**B:** 0.5	**B:** BN/RD	**B:** 581	**B:** Throttle Actuator Control Open	**B:** I	**B:** -
C: C	**C:** 0.5	**C:** BK/YE	**C:** 2752	**C:** Throttle Position Sensor Low Reference	**C:** I	**C:** -
D: D	**D:** 0.5	**D:** BN/GN	**D:** 485	**D:** Throttle Position Sensor Signal (1)	**D:** I	**D:** -
E: E	**E:** 0.5	**E:** BN/RD	**E:** 2701	**E:** 5 Volt Reference	**E:** I	**E:** -
F: F	**F:** 0.5	**F:** BN/BU	**F:** 486	**F:** Throttle Position Sensor Signal (2)	**F:** I	**F:** -

Q40 TURBOCHARGER BYPASS SOLENOID VALVE (LUV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13123749
- Service Connector: 13355744
- Description: 2-Way F 2.8 Junior Power Timer Series, Sealed (BK)

Terminal Part Information

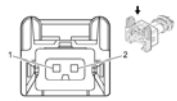
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575438	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q40 Turbocharger Bypass Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/WH	**1:** 3060	**1:** Turbo Bypass Solenoid Control Bank (1)	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q42 TURBOCHARGER WASTEGATE SOLENOID VALVE (LUV)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 24466116
- Service Connector: 24466116
- Description: 2-Way F 2.8 Timer Series, Sealed (BK)

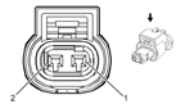
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575438	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1

Q42 Turbocharger Wastegate Solenoid Valve (LUV)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** BN/RD	**1:** 3058	**1:** Turbo Waste Gate Solenoid Control Bank (1)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** RD/WH	**2:** 5293	**2:** Powertrain Main Relay Fused Supply (4)	**2:** I	**2:** -

Q46 A/C COMPRESSOR SOLENOID VALVE



Connector Part Information

- Harness Type: Engine
- OEM Connector: 2-1823608-1
- Service Connector: 13585623
- Description: 2-Way F 1.2 MCP Series, Sealed (BK with NA Inner Connector)

Terminal Part Information

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

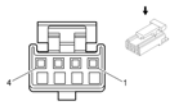
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				Available	Available		

Q46 A/C Compressor Solenoid Valve

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.50	**1:** BU/BN	**1:** 7573	**1:** Electric Variable Displacement Supply	**1:** I	**1:** -
2: 2	**2:** 0.50	**2:** BU/YE	**2:** 7574	**2:** Electric Variable Displacement Control	**2:** I	**2:** -

S2 TRANSMISSION MANUAL SHIFT SWITCH (MH8)



Connector Part Information

- Harness Type: Shift Lever
- OEM Connector: Not Available
- Service Connector: Service By Component - See Part Catalog
- Description: 4-Way F (WH)

Terminal Part Information

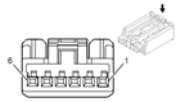
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service By Component - See Part Catalog	Not Available	Not Available	Service By Component - See Part Catalog	Service By Component - See Part Catalog	Not Available	Not Available

S2 Transmission Manual Shift Switch (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** VT/WH	**1:** VT/WH	**1:** -	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** BK	**2:** BK	**2:** -	**2:** Park Lock Solenoid Control	**2:** I	**2:** -
3: 3	**3:** RD/WH	**3:** RD/WH	**3:** -	**3:** Park Lock Solenoid Soft Control	**3:** I	**3:** -
4: 4	**4:** BK	**4:** BK	**4:** -	**4:** Ground	**4:** I	**4:** -

S3 TRANSMISSION SHIFT LEVER (MH8)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F AIT II Series (BK)

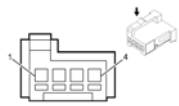
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-64B (L-BU)	J-38125-215A	Pending	Pending	Pending	Pending

S3 Transmission Shift Lever (MH8)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/BN	**1:** 202	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 2150	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE	**3:** 7554	**3:** Park Lock Solenoid Soft Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** VT/BK	**4:** 7553	**4:** Park Lock Solenoid Control	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** WH/VT	**6:** 5905	**6:** Key Capture/Column Lock Shift Position Signal	**6:** I	**6:** -

S13D DOOR LOCK SWITCH - DRIVER



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15439868
- Service Connector: 13579438
- Description: 4-Way F (BK)

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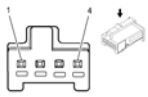
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S13D Door Lock Switch - Driver

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 50	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/WH	**3:** 781	**3:** Driver Door Lock Switch Unlock Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BN/YE	**4:** 780	**4:** Driver Door Lock Switch Lock Signal	**4:** I	**4:** -

S26 HAZARD LAMPS SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15439870
- Service Connector: 13579439
- Description: 4-Way F (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

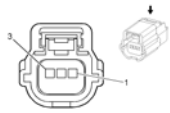
S26 Hazard Lamps Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-GN/WH	**1:** 111	**1:** Hazard Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** L-BU/VT	**2:** 1717	**2:** Hazard Switch Turn Flasher Control	**2:** I	**2:** -

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3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-

S30 HEADLAMP SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15483208
- Service Connector: 88988229
- Description: 12-Way F Micro HVT (BK)

Terminal Part Information

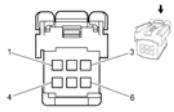
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575550	J-35616-16 (L-GN)	J-38125-559	15445905	23	J	J

S30 Headlamp Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** YE	**1:** 7556	**1:** Lighting Control Switch Reference	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.35	**3:** D-GN/GY	**3:** 13	**3:** Headlamp Switch Park Lamp Signal	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** WH/VT	**4:** 103	**4:** Headlamp Switch On Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** D-GN/BN	**5:** 306	**5:** Headlamp Switch Headlamps Off Signal Control	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** BK	**6:** 1650	**6:** Ground	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** YE	**7:** 6817	**7:** LED Backlight Dimming Control	**7:** I	**7:** -
8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** WH/BN	**12:** 7555	**12:** Lighting Control Switch Signal	**12:** I	**12:** -

A26 HVAC CONTROLS

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10864274
- Service Connector: 13337944
- Description: 6-Way F 0.64 Series (BK)

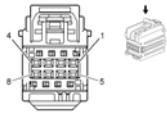
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579977	J-35616-64B (L-BU)	J-38125-553	1393366-1	16	K	K

A26 HVAC Controls

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/YE	**1:** 7531	**1:** Linear Interconnect Network Bus 9	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BK	**2:** 1650	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** RD/YE	**3:** 240	**3:** Battery Positive Voltage	**3:** I	**3:** -
4-6	-	-	-	Not Occupied	-	-

S38 IGNTION MODE SWITCH (BTM)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15480082
- Service Connector: 19149303
- Description: 8-Way F Micro 64 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

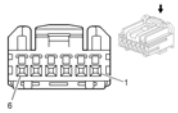
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I	13579976	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

S38 Igntion Mode Switch (BTM)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2: 2	**2:** 0.5	**2:** BN/BK	**2:** 5720	**2:** Ignition Mode Switch Accessory LED Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** D-GN/BK	**3:** 3558	**3:** Passive Start Switch Signal 2	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 1650	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-BU/BK	**5:** 5719	**5:** Ignition Mode Switch Start LED Signal	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-BU/D-GN	**6:** 5723	**6:** Ignition Mode Switch Mode Voltage	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BK/GY	**7:** 3559	**7:** Passive Start Switch 2 Low Reference	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** YE	**8:** 6817	**8:** LED Backlight Dimming Control	**8:** I	**8:** -

S39 IGNITION SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608102
- Service Connector: 19153174
- Description: 6-Way F 1.2 HCM Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575868	J-35616-64B (L-BU)	J-38125-12A	SHCM-A03T-P025	20	J	J

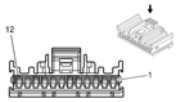
S39 Ignition Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

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1: 1	**1:** 0.5	**1:** VT/BK	**1:** 3	**1:** Run/Crank Ignition 1 Voltage	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** RD/VT	**2:** 340	**2:** Battery Positive Voltage	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** VT/YE	**3:** 4	**3:** Accessory Voltage	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH/VT	**4:** 1020	**4:** Off/Run/Crank Voltage	**4:** I	**4:** -
5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.5	**6:** WH/BK	**6:** 1073	**6:** Ignition Key Resistor Signal	**6:** I	**6:** -

S52 OUTSIDE REARVIEW MIRROR SWITCH



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15499371
- Service Connector: 19115105
- Description: 12-Way F Kaizen 64 Series (BK)

Terminal Part Information

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

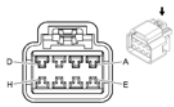
S52 Outside Rearview Mirror Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT/D-BU	**1:** 3390	**1:** Driver Mirror Motor Up (+) Down (-) Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE/BN	**2:** 3391	**2:** Driver Mirror Motor Common Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BN/BK	**3:** 3389	**3:** Driver Mirror Motor Right (+) Left (-) Control	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD/GY	**4:** 2840	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 50	**5:** Ground	**5:** I	**5:** -
7: 7	**7:** 0.5	**7:** YE/VT	**7:** 3397	**7:** Co-Driver Mirror Motor Up (+) Down (-) Control	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** WH	**8:** 3398	**8:** Co-Driver Mirror Motor Common Control	**8:** I	**8:** -

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9: 9	**9:** 0.5	**9:** D-GN/BK	**9:** 3396	**9:** Co-Driver Mirror Motor Right (+) Left (-) Control	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** YE	**10:** 6817	**10:** LED Backlight Dimming Control	**10:** I	**10:** -
11-12	-	-	-	Not Occupied	-	-

S64D SEAT ADJUSTER SWITCH - DRIVER (ADS)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 15326924
- Service Connector: 19153751
- Description: 8-Way F GT 280 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575756	J-35616-4A (PU)	J-38125-553	15304713	19	F	D

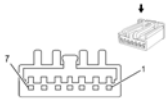
S64D Seat Adjuster Switch - Driver (ADS)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1.5	**A:** D-BU	**A:** 286	**A:** Driver Power Seat Front Vertical Motor Up Control	**A:** I	**A:** -
B: B	**B:** 1.5	**B:** BK	**B:** 2150	**B:** Ground	**B:** I	**B:** -
C: C	**C:** 1.5	**C:** YE	**C:** 285	**C:** Driver Power Seat Horizontal Motor Forward Control	**C:** I	**C:** -
D: D	**D:** 1.5	**D:** RD	**D:** 702	**D:** Battery Positive Voltage	**D:** I	**D:** -
E: E	**E:** 1.5	**E:** WH	**E:** 282	**E:** Driver Power Seat Rear Vertical Motor Up Control	**E:** I	**E:** -
F: F	**F:** 1.5	**F:** BN	**F:** 284	**F:** Driver Power Seat Horizontal Motor Rearward Control	**F:** I	**F:** -
G: G	**G:** 1.5	**G:** D-GN	**G:** 283	**G:** Driver Power Seat Rear Vertical Motor Down Control	**G:** I	**G:** -

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H: H	**H:** 1.5	**H:** GY	**H:** 287	**H:** Driver Power Seat Front Vertical Motor Down Control	**H:** I	**H:** -

S70L STEERING WHEEL CONTROLS SWITCH - LEFT (K34)



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: AIT2PB-7-1FS
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-way F (WH)

Terminal Part Information

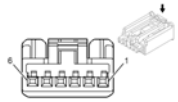
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Parts Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness - See Parts Catalog	Service by Harness - See Parts Catalog	Not Available	Not Available

S70L Steering Wheel Controls Switch - Left (K34)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** WH/RD	**1:** 1444	**1:** 12 Volt Reference	**1:** I	**1:** -
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.35	**3:** BN/D-GN	**3:** 1884	**3:** Cruise Control Set/Coast/Resume/Accelerate Switch Signal	**3:** I	**3:** -
4-5	-	-	-	Not Occupied	-	-
6: 6	**6:** 0.35	**6:** YE	**6:** 6817	**6:** LED Backlight Dimming Control	**6:** I	**6:** -
7: 7	**7:** 0.35	**7:** BK	**7:** 1650	**7:** Ground	**7:** I	**7:** -

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT (W1Y)

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Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: AIT2PB-6-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-way F (WH)

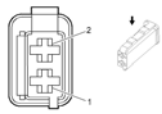
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Parts Catalog	J-35616-64B (L-BU)	Not Available	Service by Harness - See Parts Catalog	Service by Harness - See Parts Catalog	Not Available	Not Available

S70R Steering Wheel Controls Switch - Right (W1Y)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/RD	**1:** 1444	**1:** 12V Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/WH	**2:** 6819	**2:** Steering Wheel Resistor Ladder Signal #2	**2:** I	**2:** -
3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** YE	**4:** 6817	**4:** LED Backlight Dimming Control	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 50	**5:** Ground	**5:** I	**5:** -
6	-	-	-	Not Occupied	-	-

S72 SUNROOF SWITCH (CF5)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10768790
- Service Connector: 13584096
- Description: 4-Way F 0.64 Micro Quadlok Series (BK)

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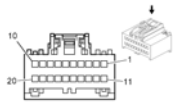
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S72 Sunroof Switch (CF5)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/GY	**1:** 128	**1:** Sunroof Switch Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/VT	**4:** 5027	**4:** Sunroof Switch Data (1)	**4:** I	**4:** -

S75 TRACTION CONTROL SWITCH (FX3)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13655543
- Service Connector: 13580981
- Description: 6-Way F 0.64 MTS Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

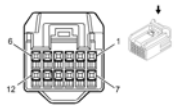
S75 Traction Control Switch (FX3)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	-	-	Not Occupied	-	-
3: 3	**3:** 0.5	**3:** YE	**3:** 6817	**3:** Cruise Control Set/Coast/Resume/Accelerate Switch	**3:** I	**3:** -

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				Signal		
4: 4	**4:** 0.5 **4:** 0.5	**4:** BK **4:** BK	**4:** 1750 **4:** 1650	**4:** Ground **4:** Ground	**4:** I	**4:** MF3 or MZ0 **4:** MH8
5-6	-	-	-	Not Occupied	-	-

S78 TURN SIGNAL/MULTI-FUNCTION SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13604008
- Service Connector: 13576635
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575870	J-35616-64B (L-BU)	J-38125-12A	SNAC3-A021T-M064	20	J	J

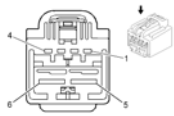
S78 Turn Signal/Multi-Function Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/L-GN	**1:** 663	**1:** Hazard Switch Left Turn Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 524	**2:** Headlamp Dimmer Switch High Beam Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** YE/BN	**4:** 307	**4:** Headlamp Switch Flash To Pass Signal	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** GY/L-BU	**5:** 893	**5:** Driver Information Center Select Menu Switch Signal	**5:** I	**5:** -
6: 6	**6:** 0.35	**6:** BK/BN	**6:** 897	**6:** Driver Information Center Switch Low Reference	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** VT/D-BU	**7:** 664	**7:** Hazard Switch Right Turn Signal	**7:** I	**7:** -

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8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.35	**12:** D-GN/WH	**12:** 1358	**12:** Driver Information Center Switch Signal	**12:** I	**12:** -

S79D WINDOW SWITCH - DRIVER (AEC)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15491286
- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

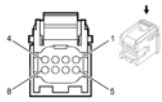
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Harness - See Part Catalog	Pending	Pending	Not Available	Not Available	Not Available	Not Available

S79D Window Switch - Driver (AEC)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/GY	**2:** 3382	**2:** Power Window Motor Driver Up Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/VT	**3:** 3383	**3:** Power Window Motor Driver Down Control	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** GY	**6:** 745	**6:** Left Front Door Ajar Switch Signal	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** WH/VT	**7:** 3270	**7:** Driver Door Lock Motor Status Control	**7:** I	**7:** -
8	-	-	-	Not Occupied	-	-

S79D WINDOW SWITCH - DRIVER (AXG)

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15406142
- Service Connector: 13337949
- Description: 8-Way F Micro 64 Series (GY)

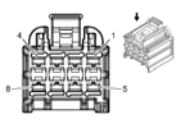
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579976	J-35616-64B (L-BU)	J-38125-21	15359541	4	M	M

S79D Window Switch - Driver (AXG)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 1550	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN	**2:** 3381	**2:** Power Window Switch Driver Express Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY	**3:** 3380	**3:** Power Window Switch Driver Down Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-GN/WH	**6:** 3379	**6:** Power Window Switch Driver Up Signal	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** WH/VT	**7:** 3270	**7:** Driver Door Lock Motor Status Control	**7:** I	**7:** -
8	-	-	-	Not Occupied	-	-

S79LR WINDOW SWITCH - LEFT REAR



Connector Part Information

- Harness Type: Left Rear Door

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- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

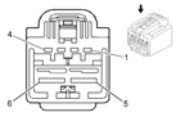
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	Not Available	Not Available	Not Available	Not Available	Not Available

S79LR Window Switch - Left Rear

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 6135	**1:** Linear Interconnect Network Bus 4	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 747	**2:** Left Rear Door Ajar Switch Signal	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 2350	**3:** Ground	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** BK	**5:** 2350	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 2.5	**6:** D-BU/GY	**6:** 668	**6:** Power Window Motor Left Rear Up Control	**6:** I	**6:** -
7: 7	**7:** 2.5	**7:** D-GN/BK	**7:** 669	**7:** Power Window Motor Left Rear Down Control	**7:** I	**7:** -
8: 8	**8:** 2.5	**8:** RD/BN	**8:** 2940	**8:** Battery Positive Voltage	**8:** I	**8:** -

S79P WINDOW SWITCH - PASSENGER



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation

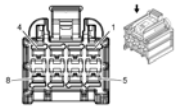
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Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	Not Available	Not Available	Not Available	Not Available	Not Available

S79P Window Switch - Passenger

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** Ground	**1:** I	**1:** -
2: 2	**2:** 2.5	**2:** D-GN/GY	**2:** 3387	**2:** Power Window Motor Co-Driver Up Control	**2:** I	**2:** -
3: 3	**3:** 2.5	**3:** YE/D-BU	**3:** 3388	**3:** Power Window Motor Co-Driver Down Control	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** Battery Positive Voltage	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** D-GN/YE	**5:** 6134	**5:** Linear Interconnect Network Bus 3	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** GY	**6:** 746	**6:** Right Front Door Ajar Switch Signal	**6:** I	**6:** -
7-8	-	-	-	Not Occupied	-	-

S79RR WINDOW SWITCH - RIGHT REAR



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13544529
- Service Connector: 13503877
- Description: 8-Way F GT FBT 280 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly	J-35616-35 (VT)	15315247	Not Available	Not Available	Not Available	Not Available

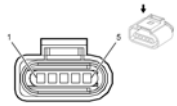
S79RR Window Switch - Right Rear

Pin	Size	Color	Circuit	Function	Terminal Type	Option

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					ID	
1: 1	**1:** 0.5	**1:** D-GN/GY	**1:** 6135	**1:** Linear Interconnect Network Bus 4	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 748	**2:** Right Rear Door Ajar Switch Signal	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 2.5	**5:** BK	**5:** 2350	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 2.5	**6:** D-BU/GY	**6:** 670	**6:** Power Window Motor Right Rear Up Control	**6:** I	**6:** -
7: 7	**7:** 2.5	**7:** D-GN/BKk	**7:** 671	**7:** Power Window Motor Right Rear Down Control	**7:** I	**7:** -
8: 8	**8:** 2.5	**8:** RD/BN	**8:** 2940	**8:** Battery Positive Voltage	**8:** I	**8:** -

S82 WINDSHIELD WIPER/WASHER SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13609516
- Service Connector: 13576541
- Description: 8-Way F 1.2 HCM Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575868	J-35616-64B (L-BU)	J-38125-12A	SHCM-A03T-P025	20	J	J

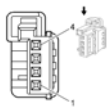
S82 Windshield Wiper/Washer Switch

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GY	**1:** 1715	**1:** Windshield Wiper Switch High Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK/GY	**2:** 6009	**2:** Windshield Wiper Switch Low Reference	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** YE/D-BU	**3:** 1714	**3:** Windshield Wiper Switch Low Signal	**3:** I	**3:** -
4	-	-	-	Not Occupied	-	-
				5: Windshield Washer		

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5: 5	**5:** 0.5	**5:** WH/BK	**5:** 94	Switch Signal	**5:** I	**5:** -
6-8	-	-	-	Not Occupied	-	-

S88 SUNROOF TILT SWITCH (CF5)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13597457
- Service Connector: 13576536
- Description: 4-Way F 0.64 Micro Quadlok Series (WH)

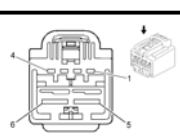
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J

S88 Sunroof Tilt Switch (CF5)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/BN	**1:** 128	**1:** Sunroof Switch Low Reference	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** YE	**2:** 6817	**2:** LED Backlight Dimming Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 50	**3:** Ground	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** WH/D-GN	**4:** 3031	**4:** Sunroof Vent Switch Signal	**4:** I	**4:** -

T3 AUDIO AMPLIFIER X1 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15491286

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- Service Connector: 13580111
- Description: 8-Way F 2.8 Series (BK)

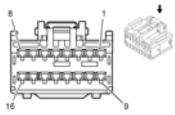
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	8100-4444	22	2	A
II	13575577	J-35616-35 (VT)	J-38125-553	8100-4445	22	F	D

T3 Audio Amplifier X1 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 1	**1:** L-GN/VT	**1:** 1795	**1:** Right Subwoofer Speaker (+)	**1:** I	**1:** -
2: 2	**2:** 1	**2:** D-GN/BK	**2:** 1794	**2:** Left/Rear Subwoofer Speaker (-)	**2:** I	**2:** -
3: 3	**3:** 1	**3:** D-BU/GY	**3:** 346	**3:** Left/Rear Subwoofer Speaker (+)	**3:** I	**3:** -
4: 4	**4:** 2.5	**4:** RD/WH	**4:** 1040	**4:** Battery Positive Voltage	**4:** II	**4:** -
5: 5	**5:** 1	**5:** GY/BK	**5:** 315	**5:** Right Subwoofer Speaker (-)	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 2.5	**8:** BK	**8:** 450	**8:** Ground	**8:** II	**8:** -

T3 AUDIO AMPLIFIER X2 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15489823
- Service Connector: 15134091
- Description: 16-Way F 1.5 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

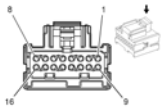
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I	13327201	J-35616-2A (GY)	J-38125-553	8240-0128	22	C	A

T3 Audio Amplifier X2 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.75	**1:** D-BU	**1:** 201	**1:** Left Front Speaker (+) (1)	**1:** I	**1:** -
2: 2	**2:** 0.75	**2:** BN/D-BU	**2:** 118	**2:** Left Front Speaker Signal (-) (1)	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** D-GN	**3:** 199	**3:** Left Rear Speaker (+)	**3:** I	**3:** -
4: 4	**4:** 0.75	**4:** D-GN/BK	**4:** 116	**4:** Left Rear Speaker Signal (-)	**4:** I	**4:** -
5-6	-	-	-	Not Occupied	-	-
7: 7	**7:** 0.75	**7:** YE/WH	**7:** 1860	**7:** Front Center Speaker (+)	**7:** I	**7:** -
8: 8	**8:** 0.75	**8:** D-BU/YE	**8:** 1960	**8:** Front Center Speaker (-)	**8:** I	**8:** -
9: 9	**9:** 0.75	**9:** D-BU/BK	**9:** 115	**9:** Right Rear Speaker Signal (-)	**9:** I	**9:** -
10: 10	**10:** 0.75	**10:** WH	**10:** 46	**10:** Right Rear Speaker (+)	**10:** I	**10:** -
11: 11	**11:** 0.75	**11:** YE	**11:** 200	**11:** Right Front Speaker (+) (1)	**11:** I	**11:** -
12: 12	**12:** 0.75	**12:** YE/BK	**12:** 117	**12:** Right Front Speaker Signal (-) (1)	**12:** I	**12:** -
13-16	-	-	-	Not Occupied	-	-

T3 AUDIO AMPLIFIER X3 (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15394150
- Service Connector: 13504130
- Description: 16-Way F Micro-Pack 064 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
		J-35616-64B					

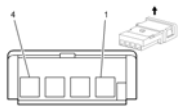
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I	13575528	(L-BU)	J-38125-21	15359541	4	M	M

T3 Audio Amplifier X3 (UQA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-GN/BK	**1:** 599	**1:** Left Rear Low Level Audio Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** BN/VT	**2:** 1999	**2:** Left Rear Low Level Audio (-)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** D-BU/BK	**3:** 1946	**3:** Right Rear Low Level Audio (-)	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** BN/WH	**4:** 546	**4:** Right Rear Low Level Audio Signal	**4:** I	**4:** -
5-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.35	**8:** D-GN/YE	**8:** 7066	**8:** Entertainment Remote Enable Signal	**8:** I	**8:** -
9: 9	**9:** 0.35	**9:** YE	**9:** 512	**9:** Right Front Low Level Audio Signal	**9:** I	**9:** -
10: 10	**10:** 0.35	**10:** D-BU/BN	**10:** 1546	**10:** Front Low Level Audio (-)	**10:** I	**10:** -
11: 11	**11:** 0.35	**11:** BN/D-BU	**11:** 1947	**11:** Left Front Low Level Audio (-)	**11:** I	**11:** -
12: 12	**12:** 0.35	**12:** D-BU	**12:** 511	**12:** Left Front Low Level Audio Signal	**12:** I	**12:** -
13-15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5	**16:** VT/D-BU	**16:** 6978	**16:** Amplifier Control	**16:** I	**16:** -

T10E KEYLESS ENTRY ANTENNA - REAR COMPARTMENT (ATH)



Connector Part Information

- Harness: Body
- OEM: 24414929
- Service: 24414929
- Description: 4-Way F 64 MQS Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
	Service by Harness - See		

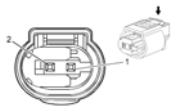
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I	Part Catalog	J-35616-65B (L-BU)	J-38125-215A

T10E Keyless Entry Antenna - Rear Compartment (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** WH/D-GN	**1:** 3556	**1:** Passive Start Interior Antenna 3 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN	**2:** 3557	**2:** Passive Start Interior Antenna 3 Signal Lo	**2:** I	**2:** -
3-4	-	-	-	Not Occupied	-	-

T10G KEYLESS ENTRY ANTENNA - REAR FASCIA (ATH)



Connector Part Information

- Harness: Body
- OEM: 24461693
- Service Connector: 13316128
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

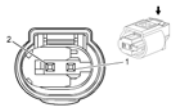
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13575569	J-35616-65B (L-BU)	J-38125-12A

T10G Keyless Entry Antenna - Rear Fascia (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/D-GN	**1:** 3568	**1:** Passive Entry Rear Closure Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/GY	**2:** 3569	**2:** Passive Entry Rear Closure Antenna Signal Lo	**2:** I	**2:** -

T10J KEYLESS ENTRY ANTENNA - CENTER CONSOLE FRONT (ATH)



Connector Part Information

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- Harness: Console
- OEM: 24461693
- Service Connector: 13316128
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

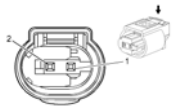
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10J Keyless Entry Antenna - Center Console Front (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/BK	**1:** 3552	**1:** Passive Start Interior Antenna 1 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 3553	**2:** Passive Start Interior Antenna 1 Signal Lo	**2:** I	**2:** -

T10K KEYLESS ENTRY ANTENNA - CENTER CONSOLE REAR (ATH)



Connector Part Information

- Harness Type: Console
- OEM Connector: 1-967644-1
- Service Connector: 13576533
- Description: 2-Way F 0.64 MQS Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13576395	J-35616-64B (L-BU)	J-38125-12A

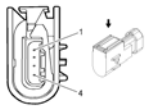
T10K Keyless Entry Antenna - Center Console Rear (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-BU	**1:** 3554	**1:** Passive Start Interior Antenna 2 Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** GY/BK	**2:** 3555	**2:** Passive Start Interior	**2:** I	**2:** -

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				Antenna 2 Signal Lo		

T10M KEYLESS ENTRY ANTENNA - DRIVER DOOR HANDLE (ATH)



Connector Part Information

- Harness: Driver Door
- OEM: 19153433
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 0.64 Series, Sealed (BK)

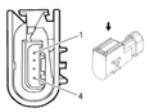
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10M Keyless Entry Antenna - Driver Door Handle (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** VT	**1:** 3560	**1:** Passive Entry Driver Door Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** VT/GY	**2:** 3561	**2:** Passive Entry Driver Door Antenna Signal Lo	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GN/WH	**3:** 6655	**3:** Driver Door Unlatch Switch Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 350	**4:** Ground	**4:** I	**4:** -

T10N KEYLESS ENTRY ANTENNA - PASSENGER DOOR HANDLE (ATH)



Connector Part Information

- Harness: Passenger Door
- OEM: 19153433
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 0.64 Series, Sealed (BK)

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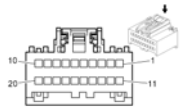
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Service by Harness- See Part Catalog	J-35616-14 (GN)	J-38125-560

T10N Keyless Entry Antenna - Passenger Door Handle (ATH)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** GN/YE	**1:** 3562	**1:** Passive Entry Co-Driver Door Antenna Signal Hi	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** D-GN/BK	**2:** 3563	**2:** Passive Entry Co-Driver Door Antenna Signal Lo	**2:** I	**2:** -
3: 3	**3:** 0.75	**3:** GY/BU	**3:** 3576	**3:** Co-Driver Door Exterior Switch Lock Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 350	**4:** Ground	**4:** I	**4:** -

T11 MULTIMEDIA PLAYER INTERFACE MODULE (KTA)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15489824
- Service Connector: 15126711
- Description: 20-Way F 64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13579944	Pending	Pending	Not Available	Not Available	Not Available	Not Available

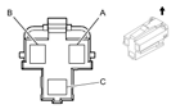
T11 Multimedia Player Interface Module (KTA)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** RD/D-GN	**1:** 3140	**1:** Battery Positive Voltage	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** D-BU	**2:** 2060	**2:** Auxiliary Detection Signal	**2:** I	**2:** -

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3: 3	**3:** 0.35	**3:** VT	**3:** 5843	**3:** Auxiliary Audio Common Signal	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** D-GN	**4:** 3376	**4:** Auxiliary Audio Common Signal (3)	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** BARE	**5:** 3375	**5:** Auxiliary Audio Drain Wire (3)	**5:** I	**5:** -
6-7	-	-	-	Not Occupied	-	-
8: 8	**8:** 0.5	**8:** D-GN	**8:** 5060	**8:** Low Speed GMLAN Serial Data	**8:** I	**8:** -
9-10	-	-	-	Not Occupied	-	-
11: 11	**11:** 0.5	**11:** BK	**11:** 1750	**11:** Ground	**11:** I	**11:** -
12: 12	**12:** 0.35	**12:** GY	**12:** 5839	**12:** Left Auxiliary Audio Signal (2)	**12:** I	**12:** -
13: 13	**13:** 0.35	**13:** D-GN	**13:** 5841	**13:** Right Auxiliary Audio Signal (2)	**13:** I	**13:** -
14: 14	**14:** 0.35	**14:** VT	**14:** 3377	**14:** Left Auxiliary Audio Signal (3)	**14:** I	**14:** -
15: 15	**15:** 0.35	**15:** BN	**15:** 3378	**15:** Right Auxiliary Audio Signal (3)	**15:** I	**15:** -
16-17	-	-	-	Not Occupied	-	-
18: 18	**18:** 0.35	**18:** BARE	**18:** 5842	**18:** Auxiliary Audio Screen (2)	**18:** I	**18:** -
19-20	-	-	-	Not Occupied	-	-

X80L ACCESSORY POWER RECEPTACLE - REAR CONSOLE



Connector Part Information

- Harness Type: Console
- OEM Connector: 12176836
- Service Connector: 19257374
- Description: 3-Way F Metri-Pack 280 Series (GY)

Terminal Part Information

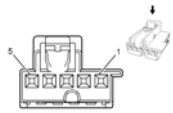
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575721	J-35616-4A (PU)	J-38125-553	12110844	4	C	A

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X80L Accessory Power Receptacle - Rear Console

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A: A	**A:** 1.0	**A:** VT	**A:** 801	**A:** Retained Accessory Power Fuse Supply Voltage	**A:** I	**A:** -
B	-	-	-	Not Occupied	-	-
C: C	**C:** 1.0	**C:** BK	**C:** 2150	**C:** Ground	**C:** I	**C:** -

X83 AUXILIARY AUDIO INPUT



Connector Part Information

- Harness Type: Console
- OEM Connector: 13668446
- Service Connector: 13585147
- Description: 5-Way F 64 MQS Series (BK)

Terminal Part Information

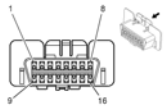
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H

X83 Auxiliary Audio Input

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** D-BU	**1:** 2060	**1:** Auxiliary Detection Signal	**1:** I	**1:** -
2: 2	**2:** 0.35	**2:** GY	**2:** 5839	**2:** Left Auxiliary Audio Signal (2)	**2:** I	**2:** -
3: 3	**3:** 0.35	**3:** BARE	**3:** 5842	**3:** Auxiliary Audio Screen (2)	**3:** I	**3:** -
4: 4	**4:** 0.35	**4:** L-GN	**4:** 5841	**4:** Right Auxiliary Audio Signal (2)	**4:** I	**4:** -
5: 5	**5:** 0.35	**5:** VT	**5:** 5843	**5:** Auxiliary Audio Common Signal	**5:** I	**5:** -

X84 DATA LINK CONNECTOR

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15317575
- Service Connector: 15317575
- Description: 16-Way F Metri-Pack/150 Series (BK)

Terminal Part Information

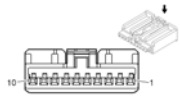
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575725	J-35616-14 (GN)	J-38125-12A	12129484	19	E	C

X84 Data Link Connector

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN	**1:** 5060	**1:** Low Speed GMLAN Serial Data	**1:** I	**1:** -
2-3	-	-	-	Not Occupied	-	-
4: 4	**4:** 0.5	**4:** BK	**4:** 2150	**4:** Ground	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** BK	**5:** 2150	**5:** Ground	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** D-BU	**6:** 2500	**6:** High Speed GMLAN Serial Data (+) (1)	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** BN/WH	**7:** 5043	**7:** Keyword 2000 Serial Data	**7:** I	**7:** -
8-11	-	-	-	Not Occupied	-	-
12: 12	**12:** 0.5	**12:** D-BU/YE	**12:** 6105	**12:** High Speed GMLAN Serial Data (+) (2)	**12:** I	**12:** -
13: 13	**13:** 0.5	**13:** WH	**13:** 6106	**13:** High Speed GMLAN Serial Data (-) (2)	**13:** I	**13:** -
14: 14	**14:** 0.5	**14:** WH	**14:** 2501	**14:** High Speed GMLAN Serial Data (-) (1)	**14:** I	**14:** -
15	-	-	-	Not Occupied	-	-
16: 16	**16:** 0.5 **16:** 0.5	**16:** RD/D-BU **16:** RD/D-BU	**16:** 540 **16:** 540	**16:** Battery Positive Voltage **16:** Battery Positive Voltage	**16:** I	**16:** -

X85 STEERING WHEEL AIR BAG COIL X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F AIT II Series (BK)

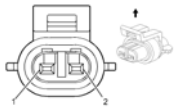
Terminal Part Information

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

X85 Steering Wheel Air Bag Coil X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** L-GN/WH	**1:** 3287	**1:** Horn Switch Signal	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 50	**2:** Ground	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** GY/D-GN	**3:** 5737	**3:** Adaptive Cruise Control Gap Up/Down Switch Signal	**3:** I	**3:** -
4: 4	**4:** 0.5	**4:** L-GN/WH	**4:** 6819	**4:** Steering Wheel Resistor Ladder Signal 2	**4:** I	**4:** -
5: 5	**5:** 0.5	**5:** WH/RD	**5:** 1444	**5:** 12 Volt Reference	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** YE	**6:** 6817	**6:** LED Backlight Dimming Control	**6:** I	**6:** -
7-10	-	-	-	Not Occupied	-	-

X85 STEERING WHEEL AIR BAG COIL X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15393421
- Service Connector: 13580115

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- Description: 4-Way F Micro-Pack 064 Series (YE)

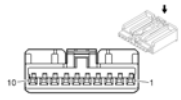
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 13580115	J-35616-64B (L-BU)	Not Available	Not Available	Not Available	Not Available	Not Available

X85 Steering Wheel Air Bag Coil X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** OG/VT	**1:** 3021	**1:** Steering Wheel Module Stage 1 High Control	**1:** I	**1:** -
2: 2	**2:** 0.5	**2:** BN/OG	**2:** 3020	**2:** Steering Wheel Module Stage 1 Low Control	**2:** I	**2:** -
3: 3	**3:** 0.5	**3:** OG/D-GN	**3:** 3023	**3:** Steering Wheel Module Stage 2 High Control	**3:** I	**3:** Early Production
4: 4	**4:** 0.5	**4:** WH/D-GN	**4:** 3022	**4:** Steering Wheel Module Stage 2 Low Control	**4:** I	**4:** Early Production

X85 STEERING WHEEL AIR BAG COIL X3



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F AIT II Series (BK)

Terminal Part Information

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

X85 Steering Wheel Air Bag Coil X3

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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-4	-	-	-	Not Occupied	-	-
5: 5	**5:** 0.5	**5:** YE	**5:** 6817	**5:** LED Backlight Dimming Control	**5:** I	**5:** -
6: 6	**6:** 0.5	**6:** WH/RD	**6:** 1444	**6:** 12 Volt Reference	**6:** I	**6:** -
7: 7	**7:** 0.5	**7:** D-GN/WH	**7:** 6819	**7:** Steering Wheel Resistor Ladder Signal 2	**7:** I	**7:** -
8: 8	**8:** 0.5	**8:** BN/D-GN	**8:** 1884	**8:** Cruise Control Set/Coast/Resume/Accelerate Switch Signal	**8:** I	**8:** -
9: 9	**9:** 0.5	**9:** BK	**9:** 50	**9:** Ground	**9:** I	**9:** -
10: 10	**10:** 0.5	**10:** BN/WH	**10:** 3287	**10:** Horn Switch Signal	**10:** I	**10:** -

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2013 ELECTRICAL

Wiring Systems And Power Management - Inline Harness Connector End Views - Index

INLINE HARNESS CONNECTOR END VIEWS - INDEX

NOTE: **Inline Harness Connector end views are sorted in alpha/Numeric sequence based upon connector ID (Code), NOT component name. If you do not know the connector ID, a search using the relevant component may help locate the desired connector link.**

INLINE HARNESS CONNECTOR END VIEWS - INDEX

Description
X100 Body Harness to Forward Lamp Harness
X102 Engine Cooling Harness to Forward Lamp Harness
X104 Engine Cooling Harness to Forward Lamp Harness
X105 Engine Harness to Fuel Injectors Harness (LUW/LWE)
X190 Body Harness to Engine Harness
X114 Power Steering Harness to Forward Lamp Harness
X200 Instrument Panel Harness to Body Harness
X203 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness
X205 Instrument Panel Harness to Body Harness (UQA)
X210 Headliner Harness to Body Harness
X211 Headliner Harness to Body Harness
X212 Instrument Panel Harness to HVAC Harness (C68)
X300 Console Harness to Instrument Panel Harness
X310 Body Harness to Driver Seat Harness
X320 Body Harness to Passenger Seat Harness
X335 Body Harness to Curtain Air Bag Harness
X345 Body Harness to Curtain Air Bag Harness
X401 Fuel Tank Harness to Body Harness
X402 Rear Object Sensor Harness to Body Harness (UD7)
X410 Left Tail Lamp Harness to Body Harness
X420 Right Tail Lamp Harness to Body Harness
X500 Driver Door Harness to Body Harness
X600 Passenger Door Harness to Body Harness
X700 Left Rear Door Harness to Body Harness
X800 Right Rear Door Harness to Body Harness
X900 Rear Compartment Lid Harness to Body Harness
X910 Left Inner Tail Lamp Harness to Rear Compartment Lid Harness
X920 Right Inner Tail Lamp Harness to Rear Compartment Lid Harness
X915 License Lamp Harness to Rear Compartment Lid Harness (-UVC)

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X915 License Lamp Harness to Rear Compartment Lid Harness (UVC)

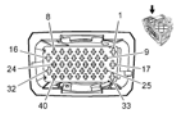
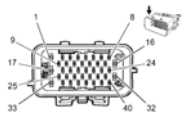
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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - Cruze

INLINE HARNESS CONNECTOR END VIEWS

X100 BODY HARNESS TO FORWARD LAMP HARNESS

	
Connector Part Information • Harness Type: Body • OEM Connector: 13603185 • Service Connector: 13576549 • Description: 40-Way F 1.5/2.8 Series, Sealed (BK)	Connector Part Information • Harness Type: Forward Lamp • OEM Connector: 13603205 • Service Connector: 13576552 • Description: 40-Way M 1.5/2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575393	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1
II	13578874	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1
III	13575356	J-35616-3 (GY)	J-38125-560	964269-3	32	E	1
IV	13327146	J-35616-5 (PU)	J-38125-36	1-962915-3	15	E	1
V	SEALED: 13575387 UNSEALED: 13327171	J-35616-3 (GY)	J-38125-560	969079-2	32	2	C

X100 Body Harness to Forward Lamp Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Termi Type I
1: 1	**1:** 1	**1:** YE	**1:** 712	**1:** I	**1:** -	**1:** Left Headlamp Low Beam Control	**1:** 1	**1:** 1	**1:** YE	**1:** 712	**1:** IV
						2: Shutter					

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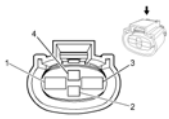
2: 2	**2:** 0.75	**2:** GY/BK	**2:** 3437	**2:** -	**2:** WA7	Valve Solenoid Control	**2:** 2	**2:** 0.75	**2:** GY/BK	**2:** 3437	**2:** III
3-7	-	-	-	-	-	Not Occupied	3-7	-	-	-	-
8: 8	**8:** 0.5	**8:** BN/D-GN	**8:** 109	**8:** -	**8:** -	**8:** Hood Ajar Switch Signal	**8:** 8	**8:** 0.5	**8:** BN/D-GN	**8:** 109	**8:** -
9: 9	**9:** 0.5	**9:** D-BU	**9:** 2500	**9:** -	**9:** -	**9:** High Speed GMLAN Serial Data (+) (1)	**9:** 9	**9:** 0.5	**9:** D-BU	**9:** 2500	**9:** -
10: 10	**10:** 0.5	**10:** WH	**10:** 2501	**10:** -	**10:** -	**10:** High Speed GMLAN Serial Data (-) (1)	**10:** 10	**10:** 0.5	**10:** WH	**10:** 2501	**10:** -
11: 11	**11:** 0.5	**11:** D-BU	**11:** 2500	**11:** -	**11:** -	**11:** High Speed GMLAN Serial Data (+) (1)	**11:** 11	**11:** 0.5	**11:** D-BU	**11:** 2500	**11:** -
12: 12	**12:** 0.5	**12:** WH	**12:** 2501	**12:** -	**12:** -	**12:** High Speed GMLAN Serial Data (-) (1)	**12:** 12	**12:** 0.5	**12:** WH	**12:** 2501	**12:** -
13: 13	**13:** 0.5	**13:** WH/D-BU	**13:** 5986	**13:** -	**13:** -	**13:** Serial Data Communication Enable	**13:** 13	**13:** 0.5	**13:** WH/D-BU	**13:** 5986	**13:** -
14-16	-	-	-	-	-	Not Occupied	14-16	-	-	-	-
17: 17	**17:** 1	**17:** YE	**17:** 312	**17:** -	**17:** -	**17:** Right Headlamp Low Beam Control	**17:** 17	**17:** 1	**17:** YE	**17:** 312	**17:** -
18: 18	**18:** 0.5	**18:** D-BU/WH	**18:** 1314	**18:** -	**18:** -	**18:** Left Front Turn Signal Lamp Control	**18:** 18	**18:** 0.5	**18:** L-BU/WH	**18:** 1314	**18:** -
19: 19	**19:** 0.5	**19:** D-GN/VT	**19:** 1315	**19:** -	**19:** -	**19:** Right Front Turn Signal Lamp Control	**19:** 19	**19:** 0.5	**19:** D-GN/VT	**19:** 1315	**19:** -
20: 20	**20:** 0.5	**20:** VT/WH	**20:** 5203	**20:** -	**20:** -	**20:** Air Quality Sensor Signal	**20:** 20	**20:** 0.5	**20:** VT/WH	**20:** 5203	**20:** -
21: 21	**21:** 0.5	**21:** D-BU/GY	**21:** 636	**21:** -	**21:** -	**21:** Outside Ambient Air Temperature Sensor Signal	**21:** 21	**21:** 0.5	**21:** D-BU/GY	**21:** 636	**21:** -
22: 22	**22:** 0.5	**22:** BK/D-BU	**22:** 61	**22:** -	**22:** -	**22:** Outside Ambient Temperature Sensor Low Reference	**22:** 22	**22:** 0.5	**22:** BK/D-BU	**22:** 61	**22:** -
23-24	-	-	-	-	-	Not Occupied	23-24	-	-	-	-
						25: Right Front					

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25: 25	**25:** 0.5BK/OG	**25:** 0.5BK/OG	**25:** 5600	**25:** -	**25:** -	Discriminating Sensor Low Reference	**25:** 25	**25:** 0.5BK/OG	**25:** 0.5BK/OG	**25:** 5600	**25:** -
26: 26	**26:** 0.5	**26:** OG/D-GN	**26:** 1409	**26:** -	**26:** -	**26:** Right Front Discriminating Sensor Signal	**26:** 26	**26:** 0.5	**26:** OG/D-GN	**26:** 1409	**26:** -
27: 27	**27:** 0.5	**27:** BN/D-GN	**27:** 109	**27:** -	**27:** -	**27:** Hood Ajar Switch Signal	**27:** 27	**27:** -	**27:** -	**27:** -	**27:** -
28: 28	**28:** 0.5	**28:** BN/D-GN	**28:** 59	**28:** -	**28:** LXT, LXV or 2H0	**28:** A/C Compressor Clutch Control	**28:** 28	**28:** 0.5	**28:** BN/D-GN	**28:** 59	**28:** -
29	-	-	-	-	-	Not Occupied	29	-	-	-	-
30: 30	**30:** 0.5	**30:** VT/GY	**30:** 709	**30:** -	**30:** -	**30:** Left Park Lamp Control	**30:** 30	**30:** 0.5	**30:** VT/GY	**30:** 709	**30:** -
31: 31	**31:** 0.5	**31:** GY/BN	**31:** 309	**31:** -	**31:** -	**31:** Right Park Lamp Control	**31:** 31	**31:** 0.5	**31:** GY/BN	**31:** 309	**31:** -
32-33	-	-	-	-	-	Not Occupied	32-33	-	-	-	-
34: 34	**34:** 0.5	**34:** BN/D-GN	**34:** 196	**34:** -	**34:** -	**34:** Windshield Wiper Motor Park Switch Signal	**34:** 34	**34:** 0.5	**34:** BN/D-GN	**34:** 196	**34:** -
35: 35	**35:** 0.5	**35:** GY/WH	**35:** 7064	**35:** -	**35:** -	**35:** Wheel Speed Sensor Control Left Front	**35:** 35	**35:** 0.5	**35:** GY/WH	**35:** 7064	**35:** -
36: 36	**36:** 0.5	**36:** GY	**36:** 830	**36:** -	**36:** -	**36:** Wheel Speed Sensor Signal Left Front	**36:** 36	**36:** 0.5	**36:** GY	**36:** 830	**36:** -
37: 37	**37:** 0.5	**37:** GY/BN	**37:** 7065	**37:** -	**37:** -	**37:** Wheel Speed Sensor Control Right Front	**37:** 37	**37:** 0.5	**37:** GY/BN	**37:** 7065	**37:** -
38: 38	**38:** 0.5	**38:** YE	**38:** 872	**38:** -	**38:** -	**38:** Wheel Speed Sensor Signal Right Front	**38:** 38	**38:** 0.5	**38:** YE	**38:** 872	**38:** -
39: 39	**39:** 0.5	**39:** OG/YE	**39:** 354	**39:** -	**39:** -	**39:** Left Front Discriminating Sensor Signal	**39:** 39	**39:** 0.5	**39:** OG/YE	**39:** 354	**39:** -
40: 40	**40:** 0.5	**40:** BK/OG	**40:** 5045	**40:** -	**40:** -	**40:** Left Front Discriminating Sensor Low Reference	**40:** 40	**40:** 0.5	**40:** BK/OG	**40:** 5045	**40:** -

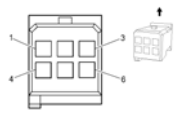
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X102 ENGINE COOLING HARNESS TO FORWARD LAMP HARNESS



Connector Part Information

- Harness Type: Engine Cooling
- OEM Connector: 13652295
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 2.8 6.3 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13652747
- Service Connector: 13581096
- Description: 4-Way M (BK)

Terminal Part Information

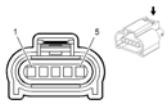
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
III	13327146	J-35616-5 (PU)	J-38125-36	1-962915-3	15	E	1
IV	13578881	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X102 Engine Cooling Harness to Forward Lamp Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 4	**1:** YE	**1:** 5358	**1:** I	**1:** -	**1:** Cooling Fan Motor Control (3)	**1:** 1	**1:** 4	**1:** YE	**1:** 5358	**1:** II	**1:** -
2: 2	**2:** 2.5	**2:** GY	**2:** 532	**2:** I	**2:** -	**2:** Cooling Fan Motor Control (2)	**2:** 2	**2:** 2.5	**2:** GY	**2:** 532	**2:** IV	**2:** -
3: 3	**3:** 2.5	**3:** WH/D-BU	**3:** 409	**3:** I	**3:** -	**3:** Cooling Fan Motor Control (1)	**3:** 3	**3:** 2.5	**3:** WH/D-BU	**3:** 409	**3:** II	**3:** -
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-

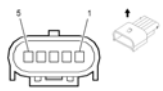
X104 ENGINE COOLING HARNESS TO FORWARD LAMP HARNESS

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Connector Part Information

- Harness Type: Engine Cooling
- OEM Connector: 13652294
- Service Connector: Service by Harness- See Part Catalog
- Description: 5-Way F 1.5 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 1897207
- Service Connector: 13580975
- Description: 5-Way M (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	No Tool Reqd	No Tool Reqd	15366022	20	Not Available	Not Available
II	SEALED: 13575387 UNSEALED: 13327171	J-35616-3 (GY)	J-38125-560	969079-2	32	2	C

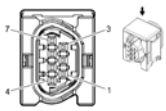
X104 Engine Cooling Harness to Forward Lamp Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** D-GN	**1:** 380	**1:** I	**1:** -	**1:** A/C Refrigerant Pressure Sensor Signal	**1:** 1	**1:** 0.5	**1:** D-GN	**1:** 380	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** BN/RD	**2:** 2700	**2:** I	**2:** -	**2:** A/C Pressure Sensor 5V Reference	**2:** 2	**2:** 0.5	**2:** BN/RD	**2:** 2700	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** BK/BN	**3:** 5514	**3:** I	**3:** -	**3:** A/C Refrigerant Pressure Sensor Low Reference	**3:** 3	**3:** 0.5	**3:** BK/BN	**3:** 5514	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** D-GN/VT	**4:** 2032	**4:** I	**4:** -	**4:** Coolant Temperature Sensor Signal	**4:** 4	**4:** 0.5	**4:** D-GN/VT	**4:** 2032	**4:** II	**4:** -
	5:	**5:**	**5:**			**5:** Coolant Temperature		**5:**	**5:**	**5:**		

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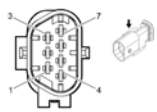
5: 5	0.5	BK/D-BU	6813	**5:** I	**5:** -	Sensor #2 Low Reference	**5:** 5	0.5	BK/D-BU	6813	**5:** II	**5:** -

X105 ENGINE HARNESS TO FUEL INJECTORS HARNESS (LUW/LWE)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13123956
- Service Connector: 13355745
- Description: 7-Way F 1.6 Series, Sealed (BK)



Connector Part Information

- Harness Type: Fuel Injector
- OEM Connector: 13123957
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way M 1.6 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available

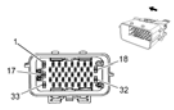
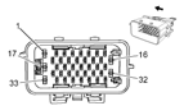
X105 Engine Harness to Fuel Injectors Harness (LUW/LWE)

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BN/VT	**1:** 1744	**1:** I	**1:** -	**1:** Fuel Injector Control (1)	**1:** 1	**1:** 0.5	**1:** BN	**1:** 1744	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** YE/WH	**2:** 1745	**2:** I	**2:** -	**2:** Fuel Injector Control (2)	**2:** 2	**2:** 0.5	**2:** L-GN/BK	**2:** 1745	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** BN/VT	**3:** 1746	**3:** I	**3:** -	**3:** Fuel Injector Control (3)	**3:** 3	**3:** 0.5	**3:** WH/BK	**3:** 1746	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** BN/YE	**4:** 844	**4:** I	**4:** -	**4:** Fuel Injector Control (4)	**4:** 4	**4:** 0.5	**4:** D-BU/BK	**4:** 844	**4:** II	**4:** -
	5:	**5:**	**5:**			**5:** Powertrain Main Relay		**5:**	**5:**	**5:**		

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5: 5	0.5	VT/D-BU	5291	**5:** I	**5:** -	Fused Supply (2)	**5:** 5	0.5	PK/BK	5291	**5:** II	**5:** -
6-7	-	-	-	-	-	Not Occupied	6-7	-	-	-	-	-

X190 BODY HARNESS TO ENGINE HARNESS

	
Connector Part Information • Harness Type: Body • OEM Connector: 13603186 • Service Connector: 13576550 • Description: 40-Way F 1.5/2.8 Series, Sealed (GY)	Connector Part Information • Harness Type: Engine • OEM Connector: 13603206 • Service Connector: 13576553 • Description: 40-Way M 1.5/2.8 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327156	J-35616-35 (VT)	J-38125-36	4-964286-1	16	E	1
II	Pending	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1
III	Pending	Pending	Not Available	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available
IV	13575380	J-35616-3 (GY)	J-38125-560	964265-2	28	E	1

X190 Body Harness to Engine Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2: 2	**2:** 0.5	**2:** WH	**2:** 5359	**2:** -	**2:** LUJ with MH8	**2:** Brake Apply Sensor Supply Voltage	**2:** 2	**2:** 0.5	**2:** WH	**2:** 5381	**2:** -	**2:** LUJ with MH8
3: 3	**3:** 0.5	**3:** BK/BN	**3:** 5360	**3:** -	**3:** LUJ with MH8	**3:** Low Reference	**3:** 3	**3:** 0.5	**3:** BK/BN	**3:** 5382	**3:** -	**3:** LUJ with MH8
4:	**4:**	**4:** D-	**4:**		**4:** LUJ	**4:** Brake Apply	**4:**	**4:**	**4:** L-	**4:**		**4:** LUJ

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4	0.5	BU/YE	5361	**4:** -	with MH8	Sensor Signal	4	0.5	BU/YE	5380	**4:** -	with MH8
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6: 6	**6:** 0.5	**6:** D-BU/VT	**6:** 1589	**6:** -	**6:** -	**6:** Primary Fuel Level Sensor Signal	**6:** 6	**6:** 0.5 **6:** 0.5	**6:** D-BU/VT **6:** L-BU/VT	**6:** 1589 **6:** 1589	**6:** -	**6:** LUJ **6:** LUW
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8: 8	**8:** 0.5	**8:** YE	**8:** 6111	**8:** -	**8:** -	**8:** Clutch Apply Sensor Signal	**8:** 8	**8:** 0.5	**8:** YE	**8:** 6111	**8:** -	**8:** MF3
9: 9	**9:** 0.5	**9:** GY/RD	**9:** 6109	**9:** -	**9:** -	**9:** Clutch Apply Sensor Voltage Reference	**9:** 9	**9:** 0.5	**9:** GY/RD	**9:** 6109	**9:** -	**9:** MF3
10: 10	**10:** 0.5	**10:** WH/D-BU	**10:** 6311	**10:** -	**10:** -	**10:** Cruise/ETC/TCC Brake Signal	**10:** 10	**10:** 0.5	**10:** WH/L-BU	**10:** 6311	**10:** -	**10:** -
11: 11	**11:** 0.5	**11:** VT/YE	**11:** 5985	**11:** -	**11:** -	**11:** Accessory Wakeup Serial Data	**11:** 11	**11:** 0.5 **11:** 0.5	**11:** L-BU **11:** VT/YE	**11:** 5985 **11:** 5985	**11:** -	**11:** LUJ **11:** LUW
12: 12	**12:** 0.5	**12:** BN/WH	**12:** 419	**12:** -	**12:** -	**12:** Check Engine Indicator Control	**12:** 12	**12:** 0.5	**12:** BN/WH	**12:** 419	**12:** -	**12:** -
13: 13	**13:** 0.5	**13:** WH	**13:** 2501	**13:** -	**13:** -	**13:** High Speed GMLAN Serial Data (-) (1)	**13:** 13	**13:** 0.5	**13:** WH	**13:** 2501	**13:** -	**13:** -
14: 14	**14:** 0.5	**14:** D-BU	**14:** 2500	**14:** -	**14:** -	**14:** High Speed GMLAN Serial Data (+) (1)	**14:** 14	**14:** 0.5	**14:** L-BU	**14:** 2500	**14:** -	**14:** -
15: 15	**15:** 0.5	**15:** D-GN/GY	**15:** 465	**15:** -	**15:** -	**15:** Fuel Pump Primary Relay Control	**15:** 15	**15:** 0.5 **15:** 0.5	**15:** L-GN/GY **15:** D-GN/GY	**15:** 465 **15:** 465	**15:** -	**15:** LUJ **15:** LUW
16-17	-	-	-	-	-	Not Occupied	16-17	-	-	-	-	-
18: 18	**18:** 0.5	**18:** BK/D-GN	**18:** 6281	**18:** -	**18:** -	**18:** Low Reference	**18:** 18	**18:** 0.5	**18:** BK/D-GN	**18:** 6281	**18:** -	**18:** -
19: 19	**19:** 0.5	**19:** D-BU/WH	**19:** 890	**19:** -	**19:** -	**19:** Fuel Tank Pressure Sensor Signal	**19:** 19	**19:** 0.5	**19:** L-BU/WH	**19:** 890	**19:** -	**19:** -
20: 20	**20:** 0.5	**20:** YE/RD	**20:** 2709	**20:** -	**20:** -	**20:** 5 Volt Reference	**20:** 20	**20:** 0.5	**20:** YE/RD	**20:** 2709	**20:** -	**20:** -
21: 21	**21:** 0.75	**21:** WH	**21:** 1310	**21:** -	**21:** -	**21:** EVAP Canister Vent	**21:** 21	**21:** 0.75	**21:** WH	**21:** 1310	**21:** -	**21:** -

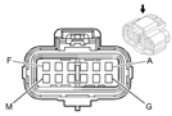
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						Solenoid Control						
22: 22	**22:** 0.5	**22:** BK/D-GN	**22:** 6281	**22:** -	**22:** -	**22:** Low Reference	**22:** 22	**22:** 0.5 **22:** 0.5	**22:** BN/D-GN **22:** BK/D-GN	**22:** 6281 **22:** 6281	**22:** -	**22:** LUJ **22:** LUW
23: 23	**23:** 0.5	**23:** BK/GY	**23:** 6110	**23:** -	**23:** -	**23:** Clutch Apply Sensor Low Reference	**23:** 23	**23:** 0.5	**23:** BK/GY	**23:** 6110	**23:** -	**23:** -
24: 24	**24:** 0.5	**24:** BK/D-BU	**24:** 1271	**24:** -	**24:** -	**24:** Accelerator Pedal Position Low Reference (1)	**24:** 24	**24:** 0.5 **24:** 0.5	**24:** BK/VT **24:** BK/L-BU	**24:** 1271 **24:** 1271	**24:** -	**24:** LUJ **24:** LUW
25: 25	**25:** 0.5	**25:** YE/WH	**25:** 1161	**25:** -	**25:** -	**25:** Accelerator Pedal Position Signal (1)	**25:** 25	**25:** 0.5	**25:** YE/WH	**25:** 1161	**25:** -	**25:** -
26: 26	**26:** 0.5	**26:** WH/RD	**26:** 1164	**26:** -	**26:** -	**26:** Accelerator Pedal Position 5V Reference (1)	**26:** 26	**26:** 0.5 **26:** 0.5	**26:** BN/RD **26:** WH/RD	**26:** 1164 **26:** 1164	**26:** -	**26:** LUJ **26:** LUW
27: 27	**27:** 0.5 **27:** 0.5	**27:** BK **27:** BK/VT	**27:** 1272 **27:** 1272	**27:** -	**27:** LUJ **27:** LUW	**27:** Accelerator Pedal Position Low Reference (2) **27:** Accelerator Pedal Position Low Reference (2)	**27:** 27	**27:** 0.5 **27:** 0.5	**27:** BN/VT **27:** BK/VT	**27:** 1272 **27:** 1272	**27:** -	**27:** LUJ **27:** LUW
28: 28	**28:** 0.5	**28:** D-GN/WH	**28:** 1162	**28:** -	**28:** -	**28:** Accelerator Pedal Position Signal (2)	**28:** 28	**28:** 0.5 **28:** 0.5	**28:** L-GN/WH **28:** D-GN/WH	**28:** 1162 **28:** 1162	**28:** -	**28:** LUJ **28:** LUW
29: 29	**29:** 0.5	**29:** BN/RD	**29:** 1274	**29:** -	**29:** -	**29:** Accelerator Pedal Position Signal (2)	**29:** 29	**29:** 0.5	**29:** BN/RD	**29:** 1274	**29:** -	**29:** -
30: 30	**30:** 0.75	**30:** D-BU	**30:** 5372	**30:** -	**30:** -	**30:** Canister Valve Solenoid	**30:** 30	**30:** 0.75	**30:** D-BU	**30:** 5372	**30:** -	**30:** -
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32: 32	**32:** 0.75	**32:** D-BU/BN	**32:** 7573	**32:** I	**32:** -	**32:** Electric Variable Displacement Supply	**32:** 32	**32:** 0.75 **32:** 0.75	**32:** BN/BK **32:** L-BU/BN	**32:** 7573 **32:** 7573	**32:** III	**32:** LUJ **32:** LUW
						33: Electric		**33:**	**33:** BK/D-	**33:**		**33:**

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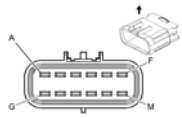
33: 33	**33:** 0.75	**33:** D-BU/YE	**33:** 7574	**33:** I	**33:** -	Variable Displacement Control	**33:** 33	0.75 **33:** 0.75	BU **33:** L-BU/YE	7574 **33:** 7574	**33:** III	LUJ **33:** LUW
34-40	-	-	-	-	-	Not Occupied	34-40	-	-	-	-	-

X114 POWER STEERING HARNESS TO FORWARD LAMP HARNESS



Connector Part Information

- Harness Type: Power Steering
- OEM Connector: 88986320
- Service Connector: 13504588
- Description: 12-Way F GT 150 Series, Sealed (BK/VT)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 88986190
- Service Connector: 88986252
- Description: 12-Way M (BK/VT)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13578912	J-35616-2A (GY)	J-38125-553	12191819	8	E	1
II	Pending	J-35616-3 (GY)	J-38125-553	15326269	19	E	4

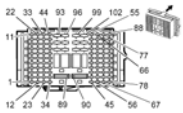
X114 Power Steering Harness to Forward Lamp Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** D-BU	**A:** 2500	**A:** I	**A:** -	**A:** High Speed GMLAN Serial Data (+)	**A:** A	**A:** 0.5	**A:** D-BU	**A:** 2500	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** WH	**B:** 2501	**B:** I	**B:** -	**B:** High Speed GMLAN Serial Data (-) (1)	**B:** B	**B:** 0.5	**B:** WH	**B:** 2501	**B:** II	**B:** -
C: C	**C:** 0.5	**C:** D-BU	**C:** 2500	**C:** I	**C:** -	**C:** High Speed GMLAN Serial Data (+)	**C:** C	**C:** 0.5	**C:** D-BU	**C:** 2500	**C:** II	**C:** -
D: D	**D:** 0.5	**D:** WH	**D:** 2501	**D:** I	**D:** -	**D:** High Speed GMLAN Serial Data (-) (1)	**D:** D	**D:** 0.5	**D:** WH	**D:** 2501	**D:** II	**D:** -
E-K	-	-	-	-	-	Not Occupied	E-K	-	-	-	-	-

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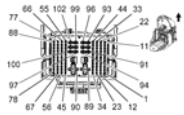
L: L	**L:** 0.5	**L:** WH/D-BU	**L:** 5986	**L:** I	**L:** -	**L:** Serial Data Communication Enable	**L:** L	**L:** 0.5	**L:** WH/D-BU	**L:** 5986	**L:** II	**L:** -
M	-	-	-	-	-	Not Occupied	M	-	-	-	-	-

X200 INSTRUMENT PANEL HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13611146
- Service Connector: 13337990
- Description: 102-Way F 1.6/2.8/8.0 Timer Series (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13617496
- Service Connector: 13574781
- Description: 102-Way M 1.6/2.8/8.0 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-44 (YE)	N/A	962932-1//A	962932-1//A	Not Available	Not Available
II	13575472	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A
III	13575760	J-35616-14 (GN)	J-38125-560	964274-2	16	E	1
IV	13575591	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2
V	Pending	J-35616-3 (GY)	J-38125-560	969079-2	32	2	C
VI	Pending	J-35616-21 (RD)	J-38125-221	963768-2//A	963768-2//A	Not Available	Not Available
VII	13575574	J-35616-5 (PU)	J-38125-36	2-964296-1	31	C	A
VIII	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2

X200 Instrument Panel Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Op
1:	**1:** 0.75	**1:** D-	**1:**	**1:** -	**1:** UQA	**1:** Front Center	**1:**	**1:**	**1:** D-	**1:**	**1:** -	**1:** U

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1		BU/YE	1960			Speaker (-)	1	0.75	BU/YE	1960		
2: 2	**2:** 0.75 1860 YE/WH	**2:** 0.75 1860 YE/WH	**2:** 1860	**2:** -	**2:** UQA	**2:** Front Center Speaker (+)	**2:** 2	**2:** 0.75	**2:** YE/WH	**2:** 1860	**2:** -	**2:** U
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	
4: 4	**4:** 0.75	**4:** L-BU/BN	**4:** 7573	**4:** -	**4:** -	**4:** Electric Variable Displacement Supply	**4:** 4	**4:** 0.75	**4:** D-BU/BN	**4:** 7573	**4:** -	**4**
5: 5	**5:** 0.75	**5:** D-BU/YE	**5:** 7574	**5:** -	**5:** -	**5:** Electric Variable Displacement Control	**5:** 5	**5:** 0.75	**5:** D-BU/YE	**5:** 7574	**5:** -	**5**
6-7	-	-	-	-	-	Not Occupied	6-7	-	-	-	-	
8: 8	**8:** 0.5	**8:** BN/BK	**8:** 3552	**8:** -	**8:** -	**8:** Passive Start Interior Antenna 1 Signal Hi	**8:** 8	**8:** 0.5	**8:** BN/BK	**8:** 3552	**8:** -	**8**
9: 9	**9:** 0.5	**9:** D-BU	**9:** 3554	**9:** -	**9:** -	**9:** Passive Start Interior Antenna 2 Signal Hi	**9:** 9	**9:** 0.5	**9:** D-BU	**9:** 3554	**9:** -	**9**
10: 10	**10:** 0.5	**10:** GY/BK	**10:** 3555	**10:** -	**10:** -	**10:** Passive Start Interior Antenna 2 Signal Lo	**10:** 10	**10:** 0.5	**10:** GY/BK	**10:** 3555	**10:** -	**10**
11: 11	**11:** 0.5	**11:** WH	**11:** 3553	**11:** -	**11:** -	**11:** Passive Start Interior Antenna 1 Signal Lo	**11:** 11	**11:** 0.5	**11:** WH	**11:** 3553	**11:** -	**11**
12: 12	**12:** 0.75	**12:** BN/D-BU	**12:** 118	**12:** -	**12:** WIthout UQA	**12:** Left Front Speaker Signal (-)	**12:** 12	**12:** 0.75	**12:** BN/D-BU	**12:** 118	**12:** -	**1** WIt U
13: 13	**13:** 0.75	**13:** YE/BK	**13:** 117	**13:** -	**13:** WIthout UQA	**13:** Right Front Speaker Signal (-)	**13:** 13	**13:** 0.75	**13:** YE/BK	**13:** 117	**13:** -	**1** WIt U
14: 14	**14:** 0.75	**14:** D-GN/BK	**14:** 116	**14:** -	**14:** WIthout UQA	**14:** Left Rear Speaker Signal (-)	**14:** 14	**14:** 0.75	**14:** D-GN	**14:** 116	**14:** -	**1** WIt U
15: 15	**15:** 0.75	**15:** D-BU/BK	**15:** 115	**15:** -	**15:** -	**15:** Right Rear Speaker Signal (-)	**15:** 15	**15:** 0.75	**15:** D-BU	**15:** 115	**15:** -	**15**
16: 16	**16:** 0.5	**16:** VT/BK	**16:** 7553	**16:** -	**16:** -	**16:** Park Lock Solenoid Control	**16:** 16	**16:** 0.5	**16:** VT/BK	**16:** 7553	**16:** -	**16**
17-18	-	-	-	-	-	Not Occupied	17-18	-	-	-	-	
19: 19	**19:** 0.5	**19:** D-BU/YE	**19:** 6105	**19:** -	**19:** -	**19:** High Speed GMLAN Serial Data (+) (2)	**19:** 19	**19:** 0.5	**19:** D-BU/YE	**19:** 6105	**19:** -	**19**
20: 20	**20:** 0.5	**20:** WH	**20:** 6106	**20:** -	**20:** -	**20:** High Speed GMLAN Serial Data (-) (2)	**20:** 20	**20:** 0.5	**20:** WH	**20:** 6106	**20:** -	**20**
21: 21	**21:** 0.5	**21:** RD/WH	**21:** 40	**21:** -	**21:** -	**21:** Battery Positive Voltage	**21:** 21	**21:** 0.5	**21:** RD/WH	**21:** 40	**21:** -	**21**

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22: 22	**22:** 0.5	**22:** YE	**22:** 40	**22:** -	**22:** -	**22:** Battery Positive Voltage	**22:** 22	**22:** 0.5	**22:** YE	**22:** 40	**22:** -	**22**
23: 23	**23:** 0.75	**23:** D-BU	**23:** 201	**23:** -	**23:** Without UQA	**23:** Left Front Speaker (+)	**23:** 23	**23:** 0.75	**23:** D-BU	**23:** 201	**23:** -	**2** Wit U
24: 24	**24:** 0.75	**24:** YE	**24:** 200	**24:** -	**24:** WIthout UQA	**24:** Right Front Speaker (+)	**24:** 24	**24:** 0.75	**24:** YE	**24:** 200	**24:** -	**2** WIt U
25: 25	**25:** 0.75	**25:** D-GN	**25:** 199	**25:** -	**25:** WIthout UQA	**25:** Left Rear Speaker (+)	**25:** 25	**25:** 0.75	**25:** D-GN	**25:** 199	**25:** -	**2** WIt U
26: 26	**26:** 0.75	**26:** WH	**26:** 46	**26:** -	**26:** WIthout UQA	**26:** Right Rear Speaker (+)	**26:** 26	**26:** 0.75	**26:** WH	**26:** 46	**26:** -	**2** WIt U
27: 27	**27:** 1	**27:** D-BU/VT	**27:** 807	**27:** -	**27:** -	**27:** OFF/Accessory Voltage	**27:** 27	**27:** 1	**27:** D-BU/VT	**27:** 807	**27:** -	**27**
28	-	-	-	-	-	Not Occupied	28	-	-	-	-	
29: 29	**29:** 0.5	**29:** BK/GY	**29:** 6110	**29:** -	**29:** -	**29:** Clutch Apply Sensor Low Reference	**29:** 29	**29:** 0.5	**29:** BK/GY	**29:** 6110	**29:** -	**29**
30: 30	**30:** 0.5	**30:** YE	**30:** 6111	**30:** -	**30:** -	**30:** Clutch Apply Sensor Signal	**30:** 30	**30:** 0.5	**30:** YE	**30:** 6111	**30:** -	**30**
31: 31	**31:** 0.5	**31:** GY/RD	**31:** 6109	**31:** -	**31:** -	**31:** Clutch Apply Sensor Voltage Reference	**31:** 31	**31:** 0.5	**31:** GY/RD	**31:** 6109	**31:** -	**31**
32: 32	**32:** 0.5	**32:** YE	**32:** 7546	**32:** -	**32:** -	**32:** Logistics Relay Control	**32:** 32	**32:** 0.5	**32:** YE	**32:** 7546	**32:** -	**32**
33: 33	**33:** 0.35	**33:** GY/D-GN	**33:** 7565	**33:** -	**33:** C68	**33:** Windscreen Temp Sensor Signal	**33:** 33	**33:** 0.35	**33:** GY/D-GN	**33:** 7565	**33:** IV	**33:**
34	-	-	-	-	-	Not Occupied	34	-	-	-	-	
35: 35	**35:** 0.5	**35:** L-GN/BK	**35:** 5103	**35:** -	**35:** -	**35:** Technology Identification	**35:** 35	**35:** 0.5	**35:** D-GN/BK	**35:** 5103	**35:** -	**35**
36: 36	**36:** 0.5	**36:** YE/D-GN	**36:** 3274	**36:** -	**36:** -	**36:** Remote Function Actuator Transmit Signal	**36:** 36	**36:** 0.5	**36:** YE/D-GN	**36:** 3274	**36:** -	**36**
37: 37	**37:** 0.5	**37:** D-BU/WH	**37:** 3275	**37:** -	**37:** -	**37:** Remote Function Actuator Receive Signal	**37:** 37	**37:** 0.5	**37:** D-BU/WH	**37:** 3275	**37:** -	**37**
38: 38	**38:** 0.5	**38:** GY/WH	**38:** 3272	**38:** -	**38:** -	**38:** Remote Function Actuator Supply Voltage	**38:** 38	**38:** 0.5	**38:** GY/WH	**38:** 3272	**38:** -	**38**
39: 39	**39:** 0.5	**39:** GY	**39:** 3273	**39:** -	**39:** -	**39:** Remote Function Actuator Return	**39:** 39	**39:** 0.5	**39:** GY	**39:** 3273	**39:** -	**39**
40:	**40:**	**40:** D-	**40:**			**40:** Steering Column	**40:**	**40:**	**40:** D-	**40:**		

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40	0.75	GN/VT	1601	**40:** -	**40:** -	Lock Signal	40	0.75	GN/VT	1601	**40:** -	**40**
41: 41	**41:** 0.5	**41:** D-BU/GY	**41:** 636	**41:** -	**41:** -	**41:** Outside Ambient Air Temperature Sensor Signal 45	**41:** 41	**41:** 0.5	**41:** D-BU/GY	**41:** 636	**41:** -	**41**
42-43	-	-	-	-	-	Not Occupied	42-43	-	-	-	-	
44: 44	**44:** 0.35	**44:** YE/D-BU	**44:** 3197	**44:** -	**44:** C68	**44:** Humidity Temperature Sensor Signal	**44:** 44	**44:** 0.35	**44:** YE/D-BU	**44:** 3197	**44:** IV	**44:**
45: 45	**45:** 0.5	**45:** YE/WH	**45:** 1161	**45:** -	**45:** -	**45:** Accelerator Pedal Position Signal (1)	**45:** 45	**45:** 0.5	**45:** YE/WH	**45:** 1161	**45:** -	**45**
46: 46	**46:** 0.5	**46:** BK/D-BU	**46:** 1271	**46:** -	**46:** -	**46:** Accelerator Pedal Position Low Reference (1)	**46:** 46	**46:** 0.5	**46:** BK/D-BU	**46:** 1271	**46:** -	**46**
47: 47	**47:** 0.5	**47:** BK/VT	**47:** 1272	**47:** -	**47:** -	**47:** Accelerator Pedal Position Low Reference (2)	**47:** 47	**47:** 0.5	**47:** BK/VT	**47:** 1272	**47:** -	**47**
48: 48	**48:** 0.5	**48:** L-GN/WH	**48:** 1162	**48:** -	**48:** -	**48:** Accelerator Pedal Position Signal (2)	**48:** 48	**48:** 0.5	**48:** D-GN/WH	**48:** 1162	**48:** -	**48**
49: 49	**49:** 0.5	**49:** BK/D-BU	**49:** 61	**49:** -	**49:** -	**49:** Outside Ambient Temperature Sensor Low Reference	**49:** 49	**49:** 0.5	**49:** BK/D-BU	**49:** 61	**49:** -	**49**
50: 50	**50:** 0.35	**50:** VT/WH	**50:** 5203	**50:** -	**50:** -	**50:** Air Quality Sensor Signal	**50:** 50	**50:** 0.5	**50:** VT/WH	**50:** 5203	**50:** -	**50**
51: 51	**51:** 0.5	**51:** L-GN/GY	**51:** 6135	**51:** -	**51:** -	**51:** Linear Interconnect Network Bus 4	**51:** 51	**51:** 0.5	**51:** D-GN/GY	**51:** 6135	**51:** -	**51**
52: 52	**52:** 0.5	**52:** WH	**52:** 5359	**52:** -	**52:** -	**52:** Brake Apply Sensor Supply Voltage	**52:** 52	**52:** 0.5	**52:** WH	**52:** 5359	**52:** -	**52**
53: 53	**53:** 0.5	**53:** VT/L-GN	**53:** 39	**53:** -	**53:** -	**53:** Ignition Voltage	**53:** 53	**53:** 0.5	**53:** VT/D-GN	**53:** 39	**53:** -	**53**
54: 54	**54:** 0.5	**54:** RD/L-GN	**54:** 40	**54:** -	**54:** -	**54:** Battery Positive Voltage	**54:** 54	**54:** 0.5	**54:** RD/D-GN	**54:** 40	**54:** -	**54**
55: 55	**55:** 0.5	**55:** RD/D-BU	**55:** 840	**55:** -	**55:** -	**55:** Battery Positive Voltage	**55:** 55	**55:** -	**55:** -	**55:** -	**55:** -	**55**
56: 56	**56:** 0.5	**56:** L-GN/BK	**56:** 2515	**56:** -	**56:** -	**56:** Keypad Supply Voltage	**56:** 56	**56:** 0.5	**56:** L-GN/BK	**56:** 2515	**56:** -	**56**
57: 57	**57:** 0.5	**57:** BN/YE	**57:** 39	**57:** -	**57:** -	**57:** Ignition Voltage	**57:** 57	**57:** 0.5	**57:** RD/D-GN	**57:** 39	**57:** -	**57**
58:	**58:**	**58:**	**58:**			**58:** Lift Glass/Trunk	**58:**	**58:**	**58:**	**58:**		

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58	0.75	GY/YE	6188	**58:** -	**58:** -	Motor Release Control	58	0.75	GY/YE	6188	**58:** -	**58**
59: 59	**59:** 1	**59:** WH/BN	**59:** 6815	**59:** -	**59:** -	**59:** Inadvertent Power Control	**59:** 59	**59:** 0.5	**59:** WH/BN	**59:** 6815	**59:** -	**59**
60	-	-	-	-	-	Not Occupied	60	-	-	-	-	
61: 61	**61:** 0.5	**61:** BN/VT	**61:** 193	**61:** -	**61:** -	**61:** Rear Defog Relay Control	**61:** 61	**61:** 0.5	**61:** BN/VT	**61:** 193	**61:** -	**61**
62: 62	**62:** 0.35	**62:** BK/D-BU	**62:** 7566	**62:** -	**62:** C68	**62:** Humidity/Windscreen Temp Sensor Low Reference	**62:** 62	**62:** 0.35	**62:** BK/D-BU	**62:** 7566	**62:** -	**62:**
63: 63	**63:** 0.35	**63:** GY/D-BU	**63:** 7564	**63:** -	**63:** C68	**63:** Humidity Sensor Signal	**63:** 63	**63:** 0.35	**63:** GY/D-BU	**63:** 7564	**63:** -	**63:**
64: 64	**64:** 0.35	**64:** YE/RD	**64:** 597	**64:** -	**64:** C68	**64:** 5V Reference	**64:** 64	**64:** 0.35	**64:** YE/RD	**64:** 597	**64:** -	**64:**
65: 65	**65:** 0.5	**65:** BN/RD	**65:** 1274	**65:** -	**65:** -	**65:** Accelerator Pedal Position 5V Reference (2)	**65:** 65	**65:** 0.5	**65:** BN/RD	**65:** 1274	**65:** -	**65**
66: 66	**66:** 0.5	**66:** WH/RD	**66:** 1164	**66:** -	**66:** -	**66:** Accelerator Pedal Position 5V Reference (1)	**66:** 66	**66:** 0.5	**66:** WH/RD	**66:** 1164	**66:** -	**66**
67: 67	**67:** 0.5	**67:** WH/VT	**67:** 5905	**67:** -	**67:** -	**67:** Key Capture/Column Lock Shift Position Signal	**67:** 67	**67:** 0.5	**67:** WH/VT	**67:** 5905	**67:** -	**67**
68: 68	**68:** 0.5	**68:** L-GN/BN	**68:** 2087	**68:** -	**68:** -	**68:** Combined Vehicle Inertial Sensor Supply Voltage	**68:** 68	**68:** 0.5 **68:** 0.5	**68:** D-GN/BN **68:** D-GN/BN	**68:** 2087 **68:** 2087	**68:** V	**68**
69: 69	**69:** 0.5	**69:** D-BU/YE	**69:** 6795	**69:** -	**69:** -	**69:** Lift Glass/Trunk Motor Release Control 2	**69:** 69	**69:** 0.5	**69:** D-BU/YE	**69:** 6795	**69:** -	**69**
70: 70	**70:** 0.5	**70:** VT/WH	**70:** 239	**70:** -	**70:** -	**70:** Ignition Voltage	**70:** 70	**70:** 0.5	**70:** VT/WH	**70:** 239	**70:** -	**70**
71: 71	**71:** 0.5 **71:** 0.5	**71:** VT/WH **71:** VT/WH	**71:** 39 **71:** 39	**71:** -	**71:** -	**71:** Ignition Voltage **71:** Ignition Voltage	**71:** 71	**71:** 0.5	**71:** VT/WH	**71:** 39	**71:** -	**71**
72: 72	**72:** 0.5	**72:** GY/L-GN	**72:** 328	**72:** -	**72:** -	**72:** Interior Lamp Defeat Switch Signal	**72:** 72	**72:** 0.5	**72:** GY/D-GN	**72:** 328	**72:** -	**72**
73: 73	**73:** 0.5	**73:** YE	**73:** 5191	**73:** -	**73:** -	**73:** Microphone High Signal	**73:** 73	**73:** 0.5	**73:** YE	**73:** 5191	**73:** -	**73**
74:	**74:** 0.5	**74:**	**74:**	**74:** -	**74:** -	**74:** Microphone Low	**74:**	**74:**	**74:**	**74:**	**74:** -	**74**

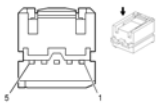
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74		BARE	5193			Signal	74	0.5	BARE	5193		
75: 75	**75:** 0.5	**75:** BN/WH	**75:** 2517	**75:** -	**75:** -	**75:** Keypad Red LED	**75:** 75	**75:** 0.5	**75:** OG/WH	**75:** 2517	**75:** -	**75**
76: 76	**76:** 0.5	**76:** YE/VT	**76:** 2516	**76:** -	**76:** -	**76:** Keypad Green LED	**76:** 76	**76:** 0.5	**76:** YE	**76:** 2516	**76:** -	**76**
77: 77	**77:** 0.5	**77:** L-GN/WH	**77:** 2514	**77:** -	**77:** -	**77:** Keypad Signal	**77:** 77	**77:** 0.5	**77:** D-GN/WH	**77:** 2514	**77:** -	**77**
78: 78	**78:** 0.5	**78:** BN/WH	**78:** 5043	**78:** -	**78:** -	**78:** Keyword 2000 Serial Data	**78:** 78	**78:** 0.5	**78:** BN/WH	**78:** 5043	**78:** -	**78**
79: 79	**79:** 0.5	**79:** BN/WH	**79:** 419	**79:** -	**79:** -	**79:** Check Engine Indicator Control	**79:** 79	**79:** 0.5	**79:** BN/WH	**79:** 419	**79:** -	**79**
80: 80	**80:** 0.5	**80:** WH/D-BU	**80:** 507	**80:** -	**80:** -	**80:** Wait To Start Indicator Control	**80:** 80	**80:** 0.5	**80:** WH/D-BU	**80:** 507	**80:** -	**80**
81: 81	**81:** 0.5 **81:** 0.5	**81:** D-BU **81:** D-BU	**81:** 6105 **81:** 6105	**81:** -	**81:** -	**81:** High Speed GMLAN Serial Data (+) (2) **81:** High Speed GMLAN Serial Data (+) (2)	**81:** 81	**81:** 0.5	**81:** D-BU/YE	**81:** 6105	**81:** -	**81**
82: 82	**82:** 0.5 **82:** 0.5	**82:** WH **82:** WH	**82:** 6106 **82:** 6106	**82:** -	**82:** -	**82:** High Speed GMLAN Serial Data (-) (2) **82:** High Speed GMLAN Serial Data (-) (2)	**82:** 82	**82:** 0.5	**82:** WH	**82:** 6106	**82:** -	**82**
83: 83	**83:** 0.5	**83:** D-BU/YE	**83:** 5361	**83:** -	**83:** -	**83:** Brake Apply Sensor Signal	**83:** 83	**83:** 0.5	**83:** D-BU/YE	**83:** 5361	**83:** -	**83**
84: 84	**84:** 0.5	**84:** VT/BK	**84:** 3	**84:** -	**84:** -	**84:** Ignition Voltage	**84:** 84	**84:** 0.5	**84:** VT/BK	**84:** 3	**84:** -	**84**
85: 85	**85:** 0.5	**85:** GY	**85:** 1903	**85:** -	**85:** UDN	**85:** AAS Wheel Speed Sensor Signal Left Front	**85:** 85	**85:** 0.5	**85:** GY	**85:** 1903	**85:** -	**8** UI
86: 86	**86:** 0.5	**86:** BK/BN	**86:** 5360	**86:** -	**86:** -	**86:** Brake Apply Sensor Low Reference	**86:** 86	**86:** 0.5	**86:** BK/BN	**86:** 5360	**86:** -	**86**
87: 87	**87:** 0.5	**87:** D-BU	**87:** 2500	**87:** -	**87:** -	**87:** High Speed GMLAN Serial Data (+) (1)	**87:** 87	**87:** 0.5	**87:** D-BU	**87:** 2500	**87:** -	**87**
88: 88	**88:** 0.5	**88:** WH	**88:** 2501	**88:** -	**88:** -	**88:** High Speed GMLAN Serial Data (-) (1)	**88:** 88	**88:** 0.5	**88:** WH	**88:** 2501	**88:** -	**88**
89: 89	**89:** 10	**89:** RD/YE	**89:** 40	**89:** I	**89:** -	**89:** Battery Positive Voltage	**89:** 89	**89:** 10	**89:** RD/YE	**89:** 40	**89:** VI	**89**
90:		**90:**				**90:** Battery Positive	**90:**	**90:**	**90:**			

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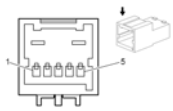
90	**90:** 10	RD/D-GN	**90:** 40	**90:** I	**90:** -	Voltage	90	10	RD/D-GN	**90:** 40	**90:** VI	**90**
91: 91	**91:** 1.5	**91:** RD/BN	**91:** 702	**91:** II	**91:** -	**91:** Battery Positive Voltage	**91:** 91	**91:** 1.5	**91:** RD/BN	**91:** 702	**91:** VII	**91**
92-102	-	-	-	-	-	Not Occupied	92-102	-	-	-	-	

X203 INSTRUMENT PANEL HARNESS TO PASSENGER INSTRUMENT PANEL AIR BAG HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13601511
- Service Connector: 19178096
- Description: 5-Way F 0.64 Series Unsealed (YE)



Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- OEM Connector: 19153435
- Service Connector: 19153435
- Description: 5-Way M 0.64 Series Unsealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly-13601511	J-35616-64B (L-BU)	J-38125-215A	Service by Connector Assembly-13601511	Service by Connector Assembly-13601511	Not Available	Not Available
II	Service by Harness- See Part Catalog	J-35616-65B (L-BU)	J-38125-215A	Service by Harness- See Part Catalog	Service by Harness- See Part Catalog	Not Available	Not Available

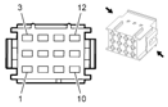
X203 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** YE	**1:** YE	**1:** 3025	**1:** I	**1:** -	**1:** Passenger IP Module Stage 1 High Control	**1:** 1	**1:** 0.5	**1:** YE	**1:** 3025	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** OG	**2:** 3024	**2:** I	**2:** -	**2:** Passenger IP Module Stage 1 Low Control	**2:** 2	**2:** 0.5	**2:** OG	**2:** 3024	**2:** II	**2:** -
	3:		**3:**					**3:**		**3:**		

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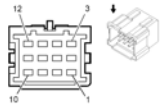
3: 3	0.5	**3:** BN	3050	**3:** I	**3:** -	**3:** Ground	**3:** 3	0.5	**3:** BN	3050	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** GY	**4:** 3027	**4:** I	**4:** -	**4:** Passenger IP Module Stage 2 High Control	**4:** 4	**4:** 0.5	**4:** GY	**4:** 3027	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** PU	**5:** 3026	**5:** I	**5:** -	**5:** Passenger IP Module Stage 2 Low Control	**5:** 5	**5:** 0.5	**5:** PU	**5:** 3026	**5:** II	**5:** -

X205 INSTRUMENT PANEL HARNESS TO BODY HARNESS (UQA)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15426893
- Service Connector: 13337995
- Description: 12-Way F 1.2 Micro II Timer Series (BU)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15426897
- Service Connector: 13337988
- Description: 12-Way M 1.2 Micro II Timer Series (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
II	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2
III	13575591	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2

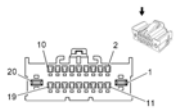
X205 Instrument Panel Harness to Body Harness (UQA)

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.35	**1:** L-BU/BK	**1:** 1946	**1:** I	**1:** -	**1:** Right Rear Low Level Audio (-)	**1:** 1	**1:** 0.35	**1:** D-BU/BK	**1:** 1946	**1:** -	**1:** -
2: 2	**2:** 0.35	**2:** Bare	**2:** 2099	**2:** I	**2:** -	**2:** Left Rear Audio Drain Wire	**2:** 2	**2:** 0.35	**2:** Bare	**2:** 2099	**2:** -	**2:** -
3: 3	**3:** 0.35	**3:** L-BU/OG	**3:** 1546	**3:** I	**3:** -	**3:** Right Front Low Level Audio (-)	**3:** 3	**3:** 0.35	**3:** D-BU/BN	**3:** 1546	**3:** -	**3:** -

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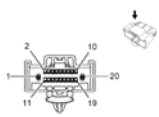
4: 4	**4:** 0.35	**4:** OG/VT	**4:** 1999	**4:** I	**4:** -	**4:** Left Rear Low Level Audio (-)	**4:** 4	**4:** 0.35	**4:** BN/VT	**4:** 1999	**4:** -	**4:** -
5: 5	**5:** 0.5	**5:** GN/YE	**5:** 7066	**5:** I	**5:** -	**5:** Entertainment Remote Enable Signal	**5:** 5	**5:** 0.5	**5:** D-GN/YE	**5:** 7066	**5:** -	**5:** -
6: 6	**6:** 0.35	**6:** YE	**6:** 512	**6:** I	**6:** -	**6:** Right Front Audio Signal (+)	**6:** 6	**6:** 0.35	**6:** YE	**6:** 512	**6:** -	**6:** -
7: 7	**7:** 0.35	**7:** BN/WH	**7:** 546	**7:** I	**7:** -	**7:** Right Rear Audio Signal (+)	**7:** 7	**7:** 0.35	**7:** BN/WH	**7:** 546	**7:** -	**7:** -
8: 8	**8:** 0.5	**8:** OG/D-BU	**8:** 6978	**8:** I	**8:** -	**8:** Amplifier Control	**8:** 8	**8:** 0.5	**8:** VT/D-BU	**8:** 6978	**8:** II	**8:** -
9: 9	**9:** 0.35	**9:** BN/D-BU	**9:** 1947	**9:** I	**9:** -	**9:** Left Front Low Level Audio (-)	**9:** 9	**9:** 0.35	**9:** BN/D-BU	**9:** 1947	**9:** -	**9:** -
10: 10	**10:** 0.35	**10:** D-GN/BK	**10:** 599	**10:** I	**10:** -	**10:** Left Front Audio Signal (+)	**10:** 10	**10:** 0.35	**10:** D-GN/BK	**10:** 599	**10:** -	**10:** -
11: 11	**11:** 0.35	**11:** BARE	**11:** 2011	**11:** I	**11:** -	**11:** Left Front Audio Drain Wire	**11:** 11	**11:** 0.35	**11:** BARE	**11:** 2011	**11:** -	**11:** -
12: 12	**12:** 0.35	**12:** D-BU	**12:** 511	**12:** I	**12:** -	**12:** Left Front Audio Signal (+)	**12:** 12	**12:** 0.35	**12:** D-BU	**12:** 511	**12:** -	**12:** -

X210 HEADLINER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13652302
- Service Connector: 13338800
- Description: 20-Way F (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 90288200
- Service Connector: 13338001
- Description: 20-Way M (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

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			Tool				
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available

X210 Headliner Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 1	**1:** BK	**1:** 50	**1:** I	**1:** -	**1:** Ground	**1:** 1	**1:** 1	**1:** BK	**1:** 50	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** GY	**2:** 3273	**2:** I	**2:** -	**2:** Remote Function Actuator Return	**2:** 2	**2:** 0.5	**2:** GY	**2:** 3273	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** GY/WH	**3:** 3272	**3:** I	**3:** -	**3:** Remote Function Actuator Supply Voltage	**3:** 3	**3:** 0.5	**3:** GY/WH	**3:** 3272	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** D-BU/WH	**4:** 3275	**4:** I	**4:** -	**4:** Remote Function Actuator Receive Signal	**4:** 4	**4:** 0.5	**4:** D-BU/WH	**4:** 3275	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** YE/D-GN	**5:** 3274	**5:** I	**5:** -	**5:** Remote Function Actuator Transmit Signal	**5:** 5	**5:** 0.5	**5:** YE/D-GN	**5:** 3274	**5:** II	**5:** -
6: 6	**6:** 1	**6:** WH/BN	**6:** 6815	**6:** I	**6:** -	**6:** Inadvertent Power Control	**6:** 6	**6:** 1	**6:** WH/BN	**6:** 6815	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** GY	**7:** 157	**7:** I	**7:** -	**7:** Interior Lamp Control	**7:** 7	**7:** 0.5	**7:** GY	**7:** 157	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** GY/D-GN	**8:** 328	**8:** I	**8:** -	**8:** Interior Lamp Defeat Switch Signal	**8:** 8	**8:** 0.5	**8:** GY/D-GN	**8:** 328	**8:** II	**8:** -
9: 9	**9:** 0.35	**9:** GY/D-BU	**9:** 7564	**9:** I	**9:** C68	**9:** Humidity Sensor Signal	**9:** 9	**9:** 0.35	**9:** GY/D-BU	**9:** 7564	**9:** II	**9:** C68
10: 10	**10:** 0.75	**10:** BN/D-BU	**10:** 118	**10:** I	**10:** UZ6	**10:** Left Front Speaker Signal (-) (1)	**10:** 10	**10:** 0.75	**10:** BN/D-BU	**10:** 118	**10:** II	**10:** UZ6
11: 11	**11:** 0.75	**11:** D-BU	**11:** 201	**11:** I	**11:** UZ6	**11:** Left Front Speaker (+)	**11:** 11	**11:** 0.75	**11:** D-BU	**11:** 201	**11:** II	**11:** UZ6

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						(1)						
12: 12	**12:** 0.75	**12:** YE	**12:** 200	**12:** I	**12:** UZ6	**12:** Right Front Speaker (+) (1)	**12:** 12	**12:** 0.75	**12:** YE	**12:** 200	**12:** II	**12:** UZ6
13: 13	**13:** 0.75	**13:** YE/BK	**13:** 117	**13:** I	**13:** UZ6	**13:** Right Front Speaker Signal (-) (1)	**13:** 13	**13:** 0.75	**13:** YE/BK	**13:** 117	**13:** II	**13:** UZ6
14: 14	**14:** 0.5	**14:** WH/BN	**14:** 6815	**14:** I	**14:** -	**14:** Inadvertent Power Control	**14:** 14	**14:** 0.5	**14:** WH/BN	**14:** 6815	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** WH/BN	**15:** 6815	**15:** I	**15:** -	**15:** Inadvertent Power Control	**15:** 15	**15:** 0.5	**15:** WH/BN	**15:** 6815	**15:** II	**15:** -
16: 16	**16:** 0.35	**16:** BK/D-BU	**16:** 50	**16:** I	**16:** C68	**16:** Ground	**16:** 16	**16:** 0.35	**16:** BK/D-BU	**16:** 50	**16:** II	**16:** C68
17: 17	**17:** 0.35	**17:** GY/D-GN	**17:** 7565	**17:** I	**17:** C68	**17:** Windscreen Temp Sensor Signal	**17:** 17	**17:** 0.35	**17:** GY/D-GN	**17:** 7565	**17:** II	**17:** C68
18: 18	**18:** 0.35	**18:** YE/D-BU	**18:** 3197	**18:** I	**18:** C68	**18:** Humidity Temperature Sensor Signal	**18:** 18	**18:** 0.35	**18:** YE/D-BU	**18:** 3197	**18:** II	**18:** C68
19: 19	**19:** 0.35	**19:** YE/RD	**19:** 597	**19:** I	**19:** CJ2	**19:** 5V Reference	**19:** 19	**19:** 0.35	**19:** YE/RD	**19:** 597	**19:** II	**19:** CJ2
20: 20	**20:** 0.5	**20:** D-GN/BN	**20:** 6998	**20:** I	**20:** -	**20:** Inadvertent Load 1 Supply Voltage	**20:** 20	**20:** 0.5	**20:** D-GN/BN	**20:** 6998	**20:** II	**20:** -

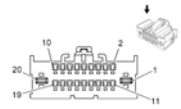
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2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - Cruze

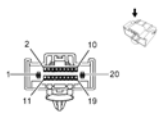
INLINE HARNESS CONNECTOR END VIEWS

X211 HEADLINER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13684139
- Service Connector: 13338003
- Description: 20-Way F (WH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 90293800
- Service Connector: 13355858
- Description: 20-Way M (WH)

Terminal Part Information

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

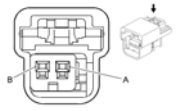
X211 Headliner Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** I	**1:** -	**1:** Ground	**1:** 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** BK	**2:** 2050	**2:** I	**2:** -	**2:** Ground	**2:** 2	**2:** 0.5	**2:** BK	**2:** 2050	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** YE	**3:** 6817	**3:** I	**3:** CF5	**3:** LED Backlight Dimming Control	**3:** 3	**3:** 0.5	**3:** YE	**3:** 6817	**3:** II	**3:** CF5
4: 4	**4:** 0.5	**4:** D-GN/BN	**4:** 6132	**4:** I	**4:** -	**4:** Linear Interconnect Network Bus 1	**4:** 4	**4:** 0.5	**4:** D-GN/BN	**4:** 6132	**4:** II	**4:** -
	5:	**5:**				**5:** Ignition		**5:**	**5:**			

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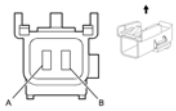
5: 5	0.5	VT/WH	**5:** 39	**5:** I	**5:** -	Voltage	**5:** 5	0.5	VT/WH	**5:** 39	**5:** II	**5:** -
6: 6	**6:** 0.35	**6:** D-GN/WH	**6:** 1324	**6:** I	**6:** -	**6:** Backup Lamp Control	**6:** 6	**6:** 0.35	**6:** D-GN/WH	**6:** 1324	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** YE	**7:** 5191	**7:** I	**7:** -	**7:** Microphone High Signal	**7:** 7	**7:** 0.5	**7:** YE	**7:** 5191	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** BARE	**8:** 5193	**8:** I	**8:** -	**8:** Microphone Low Signal	**8:** 8	**8:** 0.5	**8:** BARE	**8:** 5193	**8:** II	**8:** -
9: 9	**9:** 0.5	**9:** YE/VT	**9:** 2516	**9:** I	**9:** -	**9:** Keypad Green LED	**9:** 9	**9:** 0.5	**9:** YE/VT	**9:** 2516	**9:** II	**9:** -
10: 10	**10:** 0.5	**10:** L-GN/BK	**10:** 2515	**10:** I	**10:** -	**10:** Keypad Supply Voltage	**10:** 10	**10:** 0.5	**10:** L-GN/BK	**10:** 2515	**10:** II	**10:** -
11: 11	**11:** 0.5	**11:** GN/WH	**11:** 2514	**11:** I	**11:** -	**11:** Keypad Signal	**11:** 11	**11:** 0.5	**11:** D-GN/WH	**11:** 2514	**11:** II	**11:** -
12: 12	**12:** 0.5	**12:** BN/WH	**12:** 2517	**12:** I	**12:** -	**12:** Keypad Red LED	**12:** 12	**12:** 0.5	**12:** BN/WH	**12:** 2517	**12:** II	**12:** -
13-19	-	-	-	-	-	Not Occupied	14-19	-	-	-	-	-
20: 20	**20:** 2.5	**20:** RD/WH	**20:** 40	**20:** I	**20:** -	**20:** Battery Positive Voltage	**20:** 20	**20:** 2.5	**20:** RD/WH	**20:** 40	**20:** II	**20:** -

X212 INSTRUMENT PANEL HARNESS TO HVAC HARNESS (C68)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15332129
- Service Connector: 15306425
- Description: 2-Way F GT 150 Series (BK)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15332130
- Service Connector: 88986459
- Description: 2-Way M GT 150 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575735	J-35616-2A (GY)	J-38125-553	12191812	19	E	C
II	Pending	Pending	Pending	Pending	Pending	Not	Not

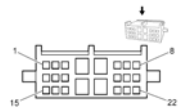
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						Available	Available

X212 Instrument Panel Harness to HVAC Harness (C68)

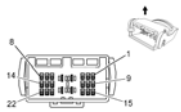
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	-	-	-	-	-	Not Occupied	A	-	-	-	-	-
B: B	**B:** 0.5	**B:** BN	**B:** 404	**B:** I	**B:** -	**B:** Upper Air Temperature Sensor Signal	**B:** B	**B:** 0.5	**B:** D-BU	**B:** 404	**B:** II	**B:** -

X300 CONSOLE HARNESS TO INSTRUMENT PANEL HARNESS



Connector Part Information

- Harness Type: Console
- OEM Connector: 13677589
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way F MQS/MCP 2.8 Series (BK)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1897540
- Service Connector: 13580994
- Description: 22-Way M (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	SEALED: 13575390 UNSEALED: 13575522	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	H	H
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
III	13327167	J-35616-65B (L-BU)	J-38125-12A	963716-2	7	H	H
IV	13575574	J-35616-5 (PU)	J-38125-36	2-964296-1	31	C	A

X300 Console Harness to Instrument Panel Harness

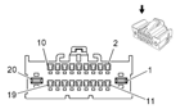
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1-3	-	-	-	-	-	Not Occupied	1-3	-	-	-	-	-

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4: 4	**4:** 1	**4:** BK	**4:** 50	**4:** -	**4:** -	**4:** Ground	**4:** 4	**4:** 1	**4:** BK	**4:** 50	**4:** -	**4:** -
5: 5	**5:** 1	**5:** VT	**5:** 801	**5:** -	**5:** -	**5:** Retained Accessory Power Fuse Supply Voltage	**5:** 5	**5:** 1	**5:** VT	**5:** 801	**5:** -	**5:** -
6: 6	**6:** 0.5	**6:** D-BU	**6:** 3554	**6:** -	**6:** -	**6:** Passive Start Interior Antenna 2 Signal Hi	**6:** 6	**6:** 0.5	**6:** D-BU	**6:** 3554	**6:** -	**6:** -
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8: 8	**8:** 0.5	**8:** BK	**8:** 50	**8:** -	**8:** -	**8:** Ground	**8:** 8	**8:** 0.5	**8:** BK	**8:** 50	**8:** -	**8:** -
9-11	-	-	-	-	-	Not Occupied	9-11	-	-	-	-	-
12: 12	**12:** 0.35	**12:** L-GN	**12:** 5841	**12:** I	**12:** -	**12:** Right Auxiliary Audio Signal (2)	**12:** 12	**12:** 0.35	**12:** D-GN	**12:** 5841	**12:** III	**12:** -
13: 13	**13:** 0.35	**13:** VT	**13:** 5843	**13:** I	**13:** -	**13:** Auxiliary Audio Common Signal	**13:** 13	**13:** 0.35	**13:** VT	**13:** 5843	**13:** III	**13:** -
14: 14	**14:** 0.35	**14:** GY	**14:** 5839	**14:** I	**14:** -	**14:** Left Auxiliary Audio Signal (2)	**14:** 14	**14:** 0.35	**14:** GY	**14:** 5839	**14:** III	**14:** -
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16-17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18: 18	**18:** 1	**18:** BK	**18:** 50	**18:** -	**18:** -	**18:** Ground	**18:** 18	**18:** 1	**18:** BK	**18:** 50	**18:** -	**18:** -
19: 19	**19:** 1	**19:** VT	**19:** 801	**19:** -	**19:** -	**19:** Retained Accessory Power Fuse Supply Voltage	**19:** 19	**19:** 1	**19:** VT	**19:** 801	**19:** -	**19:** -
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21: 21	**21:** 0.35	**21:** BK	**21:** 5842	**21:** -	**21:** -	**21:** Auxiliary Audio Screen (2)	**21:** 21	**21:** 0.35	**21:** BARE	**21:** 5842	**21:** -	**21:** -
22: 22	**22:** 0.35	**22:** D-BU	**22:** 2060	**22:** -	**22:** -	**22:** Auxiliary Detection Signal	**22:** 22	**22:** 0.35	**22:** L-BU	**22:** 2060	**22:** -	**22:** -

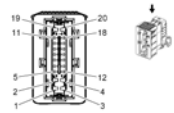
X310 BODY HARNESS TO DRIVER SEAT HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 902873-00
- Service Connector: 13577553
- Description: 20-Way F, 1.6 2.8 Series (BK)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 902874-00
- Service Connector: 13584427
- Description: 20-Way M, 1.6 2.8 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-35 (VT)	J-38125-12A	54001400	29	Not Available	Not Available
II	Pins: 5-7, 12, 15, 18: 13579989	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

X310 Body Harness to Driver Seat Harness

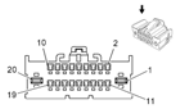
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 1.5	**1:** RD/BN	**1:** 702	**1:** I	**1:** -	**1:** Battery Positive Voltage	**1:** 1	**1:** 1.5	**1:** RD	**1:** 702	**1:** III	**1:** -
2: 2	**2:** 1	**2:** BN/D-BU	**2:** 2479	**2:** I	**2:** KA1	**2:** Passenger Heated Seat Element Control	**2:** 2	**2:** 1	**2:** YE	**2:** 2479	**2:** III	**2:** KA1
3: 3	**3:** 2.5	**3:** RD/WH	**3:** 40	**3:** I	**3:** -	**3:** Battery Positive Voltage	**3:** 3	**3:** 2.5	**3:** RD	**3:** 40	**3:** III	**3:** -
4: 4	**4:** 1	**4:** D-BU/BK	**4:** 2433	**4:** I	**4:** KA1	**4:** Passenger Heated Back Element Return	**4:** 4	**4:** 1	**4:** BK	**4:** 2433	**4:** III	**4:** KA1
5: 5	**5:**	**5:**	**5:**	**5:** II	**5:** -	**5:** Driver Seat Belt Switch	**5:** 5	**5:**	**5:** BK	**5:**	**5:** III	**5:** -

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	0.5	BK/OG	1363			Low Reference		0.5		1363		
6: 6	**6:** 0.5	**6:** BK/GY	**6:** 2435	**6:** II	**6:** KA1	**6:** Passenger Heated Seat NTC Low Reference	**6:** 6	**6:** 0.5	**6:** BK	**6:** 2435	**6:** III	**6:** KA1
7: 7	**7:** 0.5	**7:** WH/GY	**7:** 2434	**7:** II	**7:** KA1	**7:** Passenger Heated Seat NTC Signal	**7:** 7	**7:** 0.5	**7:** RD	**7:** 2434	**7:** III	**7:** KA1
8: 8	**8:** 0.5	**8:** YE/OG	**8:** 2138	**8:** II	**8:** -	**8:** Left Front Side Impact Module Low Control	**8:** 8	**8:** 0.5	**8:** WH/BK	**8:** 2138	**8:** III	**8:** -
9: 9	**9:** 0.5	**9:** OG/D-BU	**9:** 2137	**9:** II	**9:** -	**9:** Left Front Side Impact Module High Control	**9:** 9	**9:** 0.5	**9:** L-GN/WH	**9:** 2137	**9:** III	**9:** -
10-11	-	-	-	-	-	Not Occupied	10-11	-	-	-	-	-
12: 12	**12:** 0.5	**12:** OG/BN	**12:** 238	**12:** II	**12:** -	**12:** Driver Seat Belt Switch Signal	**12:** 12	**12:** 0.5	**12:** RD	**12:** 238	**12:** III	**12:** -
13: 13	**13:** 0.5	**13:** YE/OG	**13:** 3482	**13:** II	**13:** -	**13:** Driver Seat Belt Anchor Pretensioner Low Control	**13:** 13	**13:** 0.5	**13:** BK	**13:** 3482	**13:** III	**13:** -
14: 14	**14:** 0.5	**14:** OG/YE	**14:** 3481	**14:** II	**14:** -	**14:** Driver Seat Belt Anchor Pretensioner High Control	**14:** 14	**14:** 0.5	**14:** RD	**14:** 3481	**14:** III	**14:** -
15: 15	**15:** 0.5	**15:** WH/BK	**15:** 7018	**15:** II	**15:** KA1	**15:** Cushion NTC Signal	**15:** 15	**15:** 0.5	**15:** YE	**15:** 7018	**15:** III	**15:** KA1
16-17	-	-	-	-	-	Not Occupied	16-17	-	-	-	-	-
18: 18	**18:** 0.5	**18:** D-GN	**18:** 5060	**18:** II	**18:** -	**18:** Low Speed GMLAN Serial Data	**18:** 18	**18:** 0.5	**18:** D-BU	**18:** 5060	**18:** III	**18:** -
19: 19	**19:** 1.5	**19:** BK	**19:** 50	**19:** I	**19:** -	**19:** Ground	**19:** 19	**19:** 1.5	**19:** BK	**19:** 50	**19:** III	**19:** -
20: 20	**20:** 2.5	**20:** BK	**20:** 50	**20:** -	**20:** -	**20:** Ground	**20:** 20	**20:** 2.5	**20:** BK	**20:** 50	**20:** III	**20:** -

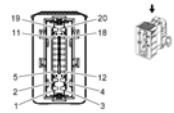
X320 BODY HARNESS TO PASSENGER SEAT HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 902873-00
- Service Connector: 13577553
- Description: 20-Way F, 1.6 2.8 Series (BK)



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 902874-00
- Service Connector: 13584427
- Description: 20-Way M, 1.6 2.8 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-35 (VT)	J-38125-12A	54001400	29	Not Available	Not Available
II	Pins: 5-7, 12, 15, 18: 13579989	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Service by Harness - See Part Catalog	Not Available	Not Available

X320 Body Harness to Passenger Seat Harness

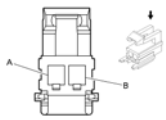
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2: 2	**2:** 1	**2:** BN/D-BU	**2:** 2479	**2:** I	**2:** KA1	**2:** Passenger Heated Seat Element Control	**2:** 2	**2:** 1	**2:** YE	**2:** 2479	**2:** III	**2:** KA1
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4: 4	**4:** 1	**4:** D-BU/BK	**4:** 2433	**4:** -	**4:** KA1	**4:** Passenger Heated Back Element Return	**4:** 4	**4:** 1	**4:** BK	**4:** 2433	**4:** III	**4:** KA1
5: 5	**5:** 0.5	**5:** BK/OG	**5:** 1361	**5:** II	**5:** -	**5:** Passenger Seat Belt Switch Low Reference	**5:** 5	**5:** 0.5	**5:** BK	**5:** 1361	**5:** III	**5:** -
	6:	**6:**	**6:**		**6:**	**6:** Passenger Heated Seat		**6:**		**6:**		**6:**

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6: 6	0.5	BK/GY	2435	**6:** II	KA1	NTC Low Reference	**6:** 6	0.5	**6:** BK	2435	**6:** III	KA1
7: 7	**7:** 0.5	**7:** WH/GY	**7:** 2434	**7:** II	**7:** KA1	**7:** Passenger Heated Seat NTC Signal	**7:** 7	**7:** 0.5	**7:** RD	**7:** 2434	**7:** III	**7:** KA1
8: 8	**8:** 0.5	**8:** D-GN/OG	**8:** 2136	**8:** II	**8:** -	**8:** Right Front Side Impact Module Low Control	**8:** 8	**8:** 0.5	**8:** L-GN	**8:** 2136	**8:** III	**8:** -
9: 9	**9:** 0.5	**9:** OG/YE	**9:** 2135	**9:** II	**9:** -	**9:** Right Front Side Impact Module High Control	**9:** 9	**9:** 0.5	**9:** WH	**9:** 2135	**9:** III	**9:** -
10: 10	**10:** 0.5	**10:** RD/GY	**10:** 402	**10:** II	**10:** -	**10:** Battery Positive Voltage	**10:** 10	**10:** 0.5	**10:** D-BU	**10:** 402	**10:** III	**10:** -
11: 11	**11:** 0.5	**11:** D-GN	**11:** 5060	**11:** II	**11:** -	**11:** Low Speed GMLAN Serial Data	**11:** 11	**11:** 0.5	**11:** WH	**11:** 5060	**11:** III	**11:** -
12: 12	**12:** 0.5	**12:** OG/VT	**12:** 1362	**12:** II	**12:** -	**12:** Passenger Seat Belt Switch Signal	**12:** 12	**12:** 0.5	**12:** RD	**12:** 1362	**12:** III	**12:** -
13: 13	**13:** 0.5	**13:** GY/OG	**13:** 3480	**13:** II	**13:** -	**13:** Passenger Seat Belt Anchor Pretensioner Low Control	**13:** 13	**13:** 0.5	**13:** BK	**13:** 3480	**13:** III	**13:** -
14: 14	**14:** 0.5	**14:** OG/BN	**14:** 3479	**14:** II	**14:** -	**14:** Passenger Seat Belt Anchor Pretensioner High Control	**14:** 14	**14:** 0.5	**14:** RD	**14:** 3479	**14:** III	**14:** -
15: 15	**15:** 0.5	**15:** WH/BK	**15:** 7018	**15:** II	**15:** KA1	**15:** Cushion NTC Signal	**15:** 15	**15:** 0.5	**15:** YE	**15:** 7018	**15:** III	**15:** KA1
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17: 17	**17:** 0.5	**17:** BK	**17:** 50	**17:** II	**17:** -	**17:** Ground	**17:** 17	**17:** 0.5	**17:** BK	**17:** 50	**17:** III	**17:** -
19-20	-	-	-	-	-	Passenger Seat Belt Reminder Signal Not Occupied	18-20	-	-	-	-	-

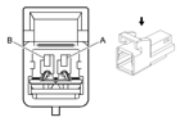
X335 BODY HARNESS TO CURTAIN AIR BAG HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 19177519
- Service Connector: 15306044
- Description: 2-Way F Metri-Pack 150 Series (YE)



Connector Part Information

- Harness Type: Curtain Air Bag
- OEM Connector: 13687802
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M, Metri-Pack 150 Series (YE)

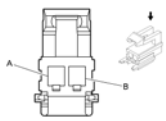
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575524	J-35616-14 (GN)	J-38125-12A	15326030	2	E	C
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available

X335 Body Harness to Curtain Air Bag Harness

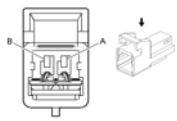
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** OG/D-GN	**A:** 5019	**A:** I	**A:** -	**A:** Left Front Head Curtain Module High Control	**A:** A	**A:** 0.5	**A:** OG/GY	**A:** 5019	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** VT/OG	**B:** 5020	**B:** I	**B:** -	**B:** Left Front Head Curtain Module Low Control	**B:** B	**B:** 0.5	**B:** VT/OG	**B:** 5020	**B:** II	**B:** -

X345 BODY HARNESS TO CURTAIN AIR BAG HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 19177519



Connector Part Information

- Harness Type: Curtain Air Bag
- OEM Connector: 13687802
- Service Connector: Service by Harness - See

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- Service Connector: 15306044
- Description: 2-Way F Metri-Pack 150 Series (YE)

Part Catalog

- Description: 2-Way M, Metri-Pack 150 Series (YE)

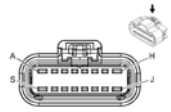
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575524	J-35616-14 (GN)	J-38125-12A	15326030	2	E	C
II	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available

X345 Body Harness to Curtain Air Bag Harness

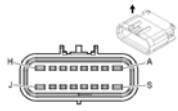
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** OG/D-BU	**A:** 5021	**A:** I	**A:** -	**A:** Right Front Head Curtain Module High Control	**A:** A	**A:** 0.5	**A:** OG/GY	**A:** 5021	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** WH/BK	**B:** 5022	**B:** I	**B:** -	**B:** Right Front Head Curtain Module Low Control	**B:** B	**B:** 0.5	**B:** WH/OG	**B:** 5022	**B:** II	**B:** -

X401 FUEL TANK HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 15326084
- Service Connector: 15306348
- Description: 16-Way F GT 150 280 Sealed 4.0 5.8 (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 19177613
- Service Connector: 19181245
- Description: 16-Way M GT 150 280 Sealed 4.0 5.8 (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal	Service Terminal	Tray	Core Crimp	Insulation Crimp

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			Tool				
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	SEALED: 13575443 UNSEALED: 13579955	J-35616-5 (PU)	J-38125-553	15304732	8	A	5
III	13327134	J-35616-5 (PU)	J-38125-553	15304731	19	E	5
IV	Pending	J-35616-3 (GY)	J-38125-553	15326269	19	E	4
V	Pending	J-35616-3 (GY)	J-38125-553	15326269	19	E	1

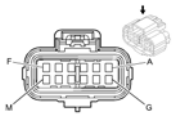
X401 Fuel Tank Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 2.5	**A:** GY	**A:** 120	**A:** I	**A:** -	**A:** Fuel Pump Control	**A:** A	**A:** 2.5	**A:** GY	**A:** 120	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** D-BU/VT	**B:** 1589	**B:** I	**B:** -	**B:** Primary Fuel Level Sensor Signal	**B:** B	**B:** 0.5	**B:** D-BU/VT	**B:** 1589	**B:** IV	**B:** -
C	-	-	-	-	-	Not Occupied	C	-	-	-	-	-
D: D	**D:** 0.5	**D:** BN/RD	**D:** 2709	**D:** I	**D:** -	**D:** Fuel Tank Pressure Sensor 5V Reference	**D:** D	**D:** 0.5	**D:** YE/RD	**D:** 2709	**D:** IV	**D:** -
E: E	**E:** 0.5	**E:** D-BU/WH	**E:** 890	**E:** I	**E:** -	**E:** Fuel Tank Pressure Sensor Signal	**E:** E	**E:** 0.5	**E:** D-BU/WH	**E:** 890	**E:** IV	**E:** -
F: F	**F:** 0.5	**F:** BK/WH	**F:** 6281	**F:** I	**F:** -	**F:** Fuel Level Sensor Low Reference	**F:** F	**F:** 0.5	**F:** BK/D-GN	**F:** 6281	**F:** IV	**F:** -
G	-	-	-	-	-	Not Occupied	G	-	-	-	-	-
H: H	**H:** 0.5	**H:** BN/RD	**H:** 7445	**H:** I	**H:** -	**H:** Fuel Line Pressure Sensor 5V Reference	**H:** H	**H:** 0.5	**H:** BN/RD	**H:** 7445	**H:** III	**H:** -
I-J	-	-	-	-	-	Not Occupied	I-J	-	-	-	-	-
K: K	**K:** 0.5	**K:** D-BU/VT	**K:** 7446	**K:** I	**K:** -	**K:** Fuel Line Pressure Sensor Signal	**K:** K	**K:** 0.5	**K:** D-BU/WH	**K:** 7446	**K:** IV	**K:** -
L:	**L:**	**L:**	**L:**			**L:** Fuel Line Pressure	**L:**	**L:**	**L:**	**L:**		

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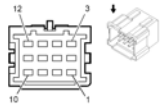
L	0.5	BK/YE	7447	**L:** I	**L:** -	Sensor Low Reference	L	0.5	BK/YE	7447	**L:** IV	**L:** -
M: M	**M:** 0.75	**M:** RD/D-BU	**M:** 5372	**M:** I	**M:** -	**M:** Canister Valve Solenoid	**M:** M	**M:** 0.75	**M:** RD/D-BU	**M:** 5372	**M:** -	**M:** -
N: N	**N:** 0.75	**N:** WH	**N:** 1310	**N:** I	**N:** -	**N:** EVAP Canister Vent Solenoid Control	**N:** N	**N:** 0.75	**N:** WH	**N:** 1310	**N:** -	**N:** -
O-Q	-	-	-	-	-	Not Occupied	O-Q	-	-	-	-	-
R: R	**R:** 0.5	**R:** BK/D-GN	**R:** 6281	**R:** I	**R:** -	**R:** Fuel Level Sensor Low Reference	**R:** R	**R:** 0.5	**R:** BK/D-GN	**R:** 6281	**R:** -	**R:** -
S: S	**S:** 2.5	**S:** BK/D-GN	**S:** 2350	**S:** I	**S:** -	**S:** Ground	**S:** S	**S:** 2.5	**S:** BK/D-GN	**S:** 2350	**S:** -	**S:** -

X402 REAR OBJECT SENSOR HARNESS TO BODY HARNESS (UD7)



Connector Part Information

- Harness Type: Rear Object Sensor
- OEM Connector: 88986320
- Service Connector: 13504588
- Description: 12-Way F 150 GT Series, Sealed (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 88986190
- Service Connector: 88986252
- Description: 12-Way M 150 GT Series Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	Pending	J-35616-3 (GY)	J-38125-553	15326269	19	E	4

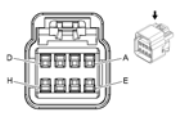
X402 Rear Object Sensor Harness to Body Harness (UD7)

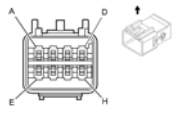
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A:	**A:**	**A:**	**A:**			**A:** Right Rear Corner	**A:**	**A:**	**A:**	**A:**		

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A	0.5	YE/VT	2378	**A:** I	**A:** -	Object Sensor Signal	A	0.5	YE/VT	2378	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** YE/WH	**B:** 2377	**B:** I	**B:** -	**B:** Right Rear Middle Object Sensor Signal	**B:** B	**B:** 0.5	**B:** YE/WH	**B:** 2377	**B:** II	**B:** -
C: C	**C:** 0.5	**C:** YE/D-BU	**C:** 2376	**C:** I	**C:** -	**C:** Left Rear Middle Object Sensor Signal	**C:** C	**C:** 0.5	**C:** YE/D-BU	**C:** 2376	**C:** II	**C:** -
D: D	**D:** 0.5	**D:** BN/WH	**D:** 2374	**D:** I	**D:** -	**D:** Object Sensor Control	**D:** D	**D:** 0.5	**D:** BN/WH	**D:** 2374	**D:** II	**D:** -
E: E	**E:** 0.5	**E:** YE	**E:** 2375	**E:** I	**E:** -	**E:** Left Rear Corner Object Sensor Signal	**E:** E	**E:** 0.5	**E:** YE	**E:** 2375	**E:** II	**E:** -
F: F	**F:** 0.5	**F:** BK/GY	**F:** 2379	**F:** I	**F:** -	**F:** Object Sensor Low Reference	**F:** F	**F:** 0.5	**F:** BK/GY	**F:** 2379	**F:** II	**F:** -
G: G	**G:** 0.5	**G:** RD/GN	**G:** 3140	**G:** I	**G:** -	**G:** Battery Positive Voltage	**G:** G	**G:** 0.5	**G:** RD/GN	**G:** 3140	**G:** II	**G:** -
H: H	**H:** 0.5	**H:** BK	**H:** 2350	**H:** I	**H:** -	**H:** Ground	**H:** H	**H:** 0.5	**H:** BK	**H:** 2350	**H:** II	**H:** -
J: J	**J:** 0.5	**J:** GN	**J:** 5060	**J:** I	**J:** -	**J:** Low Speed GMLAN Serial Data	**J:** J	**J:** 0.5	**J:** GN	**J:** 5060	**J:** II	**J:** -
K: K	**K:** 0.5	**K:** GY/YE	**K:** 5853	**K:** I	**K:** -	**K:** Driver Side Object Detection LED Signal (1)	**K:** K	**K:** 0.5	**K:** GY/YE	**K:** 5853	**K:** II	**K:** -
L: L	**L:** 0.5	**L:** GY	**L:** 5861	**L:** I	**L:** -	**L:** Passenger Side Object Detection LED Signal (1)	**L:** L	**L:** 0.5	**L:** GY	**L:** 5861	**L:** II	**L:** -
M	-	-	-	-	-	Not Occupied	M	-	-	-	-	-

X410 LEFT TAIL LAMP HARNESS TO BODY HARNESS





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Connector Part Information

- Harness Type: Left Tail Lamp
- OEM Connector: 15332145
- Service Connector: 15306407
- Description: 8-Way F GT 150 Series (BK)

Connector Part Information

- Harness Type: Body
- OEM Connector: 15332150
- Service Connector: 88986250
- Description: 8-Way M GT 150 Series (BK)

Terminal Part Information

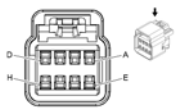
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	13575502	J-35616-3 (GY)	J-38125-553	15304702	19	E	4

X410 Left Tail Lamp Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** RD	**A:** 7542	**A:** I	**A:** -	**A:** Left Rear Stop Lamp Supply Voltage	**A:** A	**A:** 0.5	**A:** GY/YE	**A:** 7542	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** D-GN	**B:** 709	**B:** I	**B:** -	**B:** Left Park Lamp Control	**B:** B	**B:** 0.5	**B:** VT/GY	**B:** 709	**B:** II	**B:** -
C	-	-	-	-	-	Not Occupied	C	-	-	-	-	-
D: D	**D:** 1	**D:** BK	**D:** 2550	**D:** I	**D:** -	**D:** Ground	**D:** D	**D:** 1	**D:** BK	**D:** 2550	**D:** II	**D:** -
E: E	**E:** 0.5	**E:** YE	**E:** 1334	**E:** I	**E:** -	**E:** Left Rear Turn Signal Lamp Control	**E:** E	**E:** 0.5	**E:** D-BU/WH	**E:** 1334	**E:** II	**E:** -
F: F	**F:** 0.5	**F:** WH	**F:** 1324	**F:** I	**F:** -	**F:** Backup Lamp Control	**F:** F	**F:** 0.5	**F:** D-GN/WH	**F:** 1324	**F:** II	**F:** -
G	-	-	-	-	-	Not Occupied	G	-	-	-	-	-
H: H	**H:** 0.5	**H:** BK/WH	**H:** 2550	**H:** I	**H:** -	**H:** Ground	**H:** H	**H:** 0.5	**H:** BK	**H:** 2550	**H:** II	**H:** -

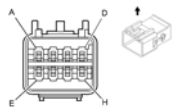
X420 RIGHT TAIL LAMP HARNESS TO BODY HARNESS

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Connector Part Information

- Harness Type: Right Tail Lamp
- OEM Connector: 15332145
- Service Connector: 15306407
- Description: 8-Way F GT 150 Series (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15332150
- Service Connector: 88986250
- Description: 8-Way M GT 150 Series (BK)

Terminal Part Information

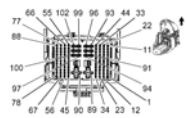
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Pending	Pending	Not Available	Not Available
II	13575502	J-35616-3 (GY)	J-38125-553	15304702	19	E	4

X420 Right Tail Lamp Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** RD	**A:** 7541	**A:** I	**A:** -	**A:** Right Rear Stop Lamp Supply Voltage	**A:** A	**A:** 0.5	**A:** WH/YE	**A:** 7541	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** D-GN	**B:** 309	**B:** I	**B:** -	**B:** Right Park Lamp Control	**B:** B	**B:** 0.5	**B:** GY/BN	**B:** 309	**B:** II	**B:** -
C	-	-	-	-	-	Not Occupied	C	-	-	-	-	-
D: D	**D:** 1	**D:** BK	**D:** 2550	**D:** I	**D:** -	**D:** Ground	**D:** D	**D:** 1	**D:** BK	**D:** 2550	**D:** II	**D:** -
E: E	**E:** 0.5	**E:** YE	**E:** 1335	**E:** I	**E:** -	**E:** Right Rear Turn Signal Lamp Control	**E:** E	**E:** 0.5	**E:** D-BU/VT	**E:** 1335	**E:** II	**E:** -
F: F	**F:** 0.5	**F:** WH	**F:** 1324	**F:** I	**F:** -	**F:** Backup Lamp Control	**F:** F	**F:** 0.5	**F:** D-GN/WH	**F:** 1324	**F:** II	**F:** -
G	-	-	-	-	-	Not Occupied	G	-	-	-	-	-
H: H	**H:** 0.5	**H:** BK/WH	**H:** 2550	**H:** I	**H:** -	**H:** Ground	**H:** H	**H:** 0.5	**H:** BK	**H:** 2550	**H:** II	**H:** -

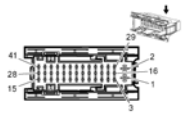
X500 DRIVER DOOR HARNESS TO BODY HARNESS

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13600509
- Service Connector: Service by Harness - See Part Catalog
- Description: 41-Way F 4.8 TIMER/DSQ 1.5 Series (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600511
- Service Connector: 13576548
- Description: 41-Way M DSQ 1.5 2.8 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575858	J-35616-42 (RD)	J-38125-36	927837-1	25	A	D
II	13575539	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
IV	13582220	Pending	Pending	Not Available	Not Available	Not Available	Not Available
V	13579964	J-35616-3 (GY)	J-38125-560	969079-2	32	2	C
VI	13580818	Pending	Pending	Not Available	Not Available	Not Available	Not Available

X500 Driver Door Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** RD/D-GN	**1:** 1540	**1:** -	**1:** -	**1:** Battery Positive Voltage	**1:** 1	**1:** 2.5	**1:** RD/D-GN	**1:** 1540	**1:** -	**1:** -
2: 2	**2:** 2.5	**2:** BK	**2:** 1550	**2:** -	**2:** -	**2:** Ground	**2:** 2	**2:** 2.5	**2:** BK	**2:** 1550	**2:** -	**2:** -
3: 3	**3:** 1.25	**3:** BK	**3:** 1550	**3:** II	**3:** -	**3:** Ground	**3:** 3	**3:** 1	**3:** BK	**3:** 1550	**3:** -	**3:** -
4: 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** -	**4:** AXG	**4:** Battery Positive Voltage	**4:** 4	**4:** 2.5	**4:** RD/D-GN	**4:** 1540	**4:** -	**4:** -
5-8	-	-	-	-	-	Not Occupied	5-8	-	-	-	-	-

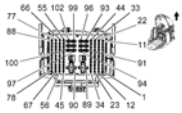
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9: 9	**9:** 0.75	**9:** GY	**9:** 295	**9:** II	**9:** -	**9:** Door Lock Actuator Lock Control	**9:** 9	**9:** 0.75	**9:** GY	**9:** 295	**9:** -	**9:** -
10: 10	**10:** 0.75	**10:** BN/YE	**10:** 294	**10:** II	**10:** -	**10:** Door Lock Actuator Unlock Control	**10:** 10	**10:** 0.75	**10:** BN/YE	**10:** 294	**10:** -	**10:** -
11-13	-	-	-	-	-	Not Occupied	11-13	-	-	-	-	-
14: 14	**14:** 0.75	**14:** D-BU	**14:** 201	**14:** II	**14:** -	**14:** Left Front Speaker Signal (+) (1)	**14:** 14	**14:** 0.75 **14:** 0.75	**14:** D-BU **14:** D-BU	**14:** 201 **14:** 201	**14:** -	**14:** -
15: 15	**15:** 0.75	**15:** BN/D-BU	**15:** 118	**15:** II	**15:** -	**15:** Left Front Speaker Signal (-) (1)	**15:** 15	**15:** 0.75 **15:** 0.75	**15:** BN/D-BU **15:** BN/D-BU	**15:** 118 **15:** 118	**15:** -	**15:** -
16-17	-	-	-	-	-	Not Occupied	16-17	-	-	-	-	-
18: 18	**18:** 0.5	**18:** D-GN/YE	**18:** 6134	**18:** -	**18:** -	**18:** Linear Interconnect Network Bus 3	**18:** 18	**18:** 0.5	**18:** D-GN/YE	**18:** 6134	**18:** -	**18:** -
19-20	-	-	-	-	-	Not Occupied	19-20	-	-	-	-	-
21: 21	**21:** 0.5	**21:** YE	**21:** 6817	**21:** -	**21:** -	**21:** LED Backlight Dimming Control	**21:** 21	**21:** 0.5	**21:** YE	**21:** 6817	**21:** -	**21:** -
22: 22	**22:** 0.5	**22:** D-GN/BK	**22:** 3396	**22:** -	**22:** -	**22:** Co-Driver Mirror Motor Right (+) Left (-) Control	**22:** 22	**22:** 0.5	**22:** D-GN/BK	**22:** 3396	**22:** -	**22:** -
23: 23	**23:** 0.5	**23:** WH	**23:** 3398	**23:** -	**23:** -	**23:** Co-Driver Mirror Motor Common Control	**23:** 23	**23:** 0.5	**23:** WH	**23:** 3398	**23:** -	**23:** -
24: 24	**24:** 0.5	**24:** YE/VT	**24:** 3397	**24:** -	**24:** -	**24:** Co-Driver Mirror Motor Up (+) Down (-) Control	**24:** 24	**24:** 0.5	**24:** YE/VT	**24:** 3397	**24:** -	**24:** -
25: 25	**25:** 0.75	**25:** BK	**25:** 1550	**25:** II	**25:** -	**25:** Ground	**25:** 25	**25:** 0.75	**25:** BK	**25:** 1550	**25:** -	**25:** -
						26: Battery						

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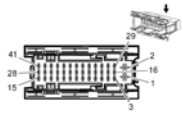
26: 26	**26:** 0.5	**26:** RD/GY	**26:** 2840	**26:** -	**26:** -	Positive Voltage	**26:** 26	**26:** 0.5	**26:** RD/GY	**26:** 2840	**26:** -	**26:** -
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28: 28	**28:** 0.5	**28:** BN/YE	**28:** 2267	**28:** -	**28:** -	**28:** Mirror Heating Element Control	**28:** 28	**28:** 0.5	**28:** BN/YE	**28:** 2267	**28:** -	**28:** -
29-41	-	-	-	-	-	Not Occupied	29-41	-	-	-	-	-

X600 PASSENGER DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13600509
- Service Connector: Service by Harness - See Part Catalog
- Description: 41-Way F 4.8 TIMER/DSQ 1.5 Series (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600511
- Service Connector: 13576548
- Description: 41-Way M DSQ 1.5 2.8 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575858	J-35616-42 (RD)	J-38125-36	927837-1	25	A	D
II	13575539	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13582220	Pending	Pending	Not Available	Not Available	Not Available	Not Available
IV	13579964	J-35616-3 (GY)	J-38125-560	969079-2	32	2	C
V	13580818	Pending	Pending	Not Available	Not Available	Not Available	Not Available

X600 Passenger Door Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
	1:	**1:**	**1:**			**1:** Battery		**1:**	**1:**	**1:**		

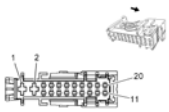
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1: 1	2.5	RD/D-GN	1540	**1:** -	**1:** -	Positive Voltage	**1:** 1	2.5	RD/D-GN	1540	**1:** -	**1:** -
2: 2	**2:** 2.5	**2:** BK	**2:** 2050	**2:** -	**2:** -	**2:** Ground	**2:** 2	**2:** 2.5	**2:** BK	**2:** 2050	**2:** -	**2:** -
3: 3	**3:** 1	**3:** BK	**3:** 2050	**3:** -	**3:** -	**3:** Ground	**3:** 3	**3:** 1	**3:** BK	**3:** 2050	**3:** -	**3:** -
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5: 5	**5:** 0.75	**5:** BN/YE	**5:** 294	**5:** -	**5:** -	**5:** Door Lock Actuator Unlock Control	**5:** 5	**5:** 0.75	**5:** BN/YE	**5:** 294	**5:** -	**5:** -
6-8	-	-	-	-	-	Not Occupied	6-8	-	-	-	-	-
9: 9	**9:** 0.75	**9:** GY	**9:** 295	**9:** -	**9:** -	**9:** Door Lock Actuator Lock Control	**9:** 9	**9:** 0.75	**9:** GY/BK	**9:** 295	**9:** -	**9:** -
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11: 11	**11:** 0.5	**11:** YE/VT	**11:** 3397	**11:** -	**11:** -	**11:** Co-Driver Mirror Motor Up (+) Down (-) Control	**11:** 11	**11:** 0.5	**11:** YE/VT	**11:** 3397	**11:** -	**11:** -
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13: 13	**13:** 0.5	**13:** D-GN/BK	**13:** 3396	**13:** -	**13:** -	**13:** Co-Driver Mirror Motor Right (+) Left (-) Control	**13:** 13	**13:** 0.5	**13:** D-GN/BK	**13:** 3396	**13:** -	**13:** -
14: 14	**14:** 0.5	**14:** WH	**14:** 3398	**14:** -	**14:** -	**14:** Co-Driver Mirror Motor Common Control	**14:** 14	**14:** 0.5	**14:** WH	**14:** 3398	**14:** -	**14:** -
15: 15	**15:** 0.5	**15:** D-GN/YE	**15:** 6134	**15:** -	**15:** -	**15:** Linear Interconnect Network Bus 3	**15:** 15	**15:** 0.5	**15:** D-GN/YE	**15:** 6134	**15:** -	**15:** -
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17: 17	**17:** 0.75	**17:** YE/BK	**17:** 117	**17:** -	**17:** -	**17:** Right Front Speaker Signal (-) (1)	**17:** 17	**17:** 0.75 **17:** 0.75	**17:** YE/BK **17:** YE/BK	**17:** 117 **17:** 117	**17:** -	**17:** -
18: 18	**18:** 0.75	**18:** YE	**18:** 200	**18:** -	**18:** -	**18:** Right Front Speaker (+) (1)	**18:** 18	**18:** 0.75 **18:** 0.75	**18:** YE **18:** YE	**18:** 200 **18:** 200	**18:** -	**18:** -
19-22	-	-	-	-	-	Not Occupied	19-22	-	-	-	-	-
						23: Mirror						

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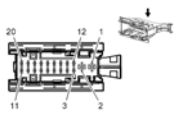
23: 23	**23:** 0.5	**23:** BN/YE	**23:** 2267	**23:** -	**23:** -	Heating Element Control	**23:** 23	**23:** 0.5	**23:** BN/YE	**23:** 2267	**23:** -	**23:** -
24-41	-	-	-	-	-	Not Occupied	28-41	-	-	-	-	-

X700 LEFT REAR DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13600493
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600495
- Service Connector: 13576560
- Description: 20-Way M 5.8 TTS 1.5 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575858	J-35616-42 (RD)	J-38125-36	927837-1	25	A	D
II	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13575539	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
IV	13575706	Pending	J-38125-36	964308-1	NA	Not Available	Not Available
V	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2
VI	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	C

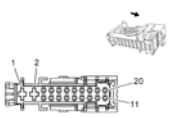
X700 Left Rear Door Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2350	**1:** -	**1:** -	**1:** Ground	**1:** 1	**1:** 2.5	**1:** BK	**1:** 2350	**1:** -	**1:** -
2: 2	**2:** 2.5	**2:** RD/BN	**2:** 2940	**2:** -	**2:** -	**2:** Battery Positive	**2:** 2	**2:** 2.5	**2:** RD/BN	**2:** 2940	**2:** -	**2:** -

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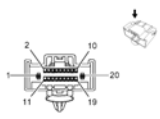
						Voltage						
3: 3	**3:** 0.75	**3:** BN/YE	**3:** 294	**3:** -	**3:** -	**3:** Door Lock Actuator Unlock Control	**3:** 3	**3:** 0.75	**3:** BN/YE	**3:** 294	**3:** -	**3:** -
4: 4	**4:** 0.75	**4:** GY	**4:** 295	**4:** -	**4:** -	**4:** Door Lock Actuator Lock Control	**4:** 4	**4:** 0.75	**4:** GY	**4:** 295	**4:** -	**4:** -
5-8	-	-	-	-	-	Not Occupied	5-8	-	-	-	-	-
9: 9	**9:** 0.5	**9:** D-GN/GY	**9:** 6135	**9:** -	**9:** -	**9:** Linear Interconnect Network Bus 4	**9:** 9	**9:** 0.5	**9:** D-GN/GY	**9:** 6135	**9:** -	**9:** -
10-16	-	-	-	-	-	Not Occupied	12-16	-	-	-	-	-
17: 17	**17:** 0.5	**17:** BN/WH	**17:** 3269	**17:** -	**17:** -	**17:** Child Security Lock Motor Status Signal Left Rear	**17:** 17	**17:** 0.5	**17:** BN/WH	**17:** 3269	**17:** -	**17:** -
18: 18	**18:** 0.75	**18:** WH/D-BU	**18:** 3266	**18:** -	**18:** -	**18:** Child Security Lock Motor Unlock Control	**18:** 18	**18:** 0.75	**18:** WH/D-BU	**18:** 3266	**18:** -	**18:** -
19: 19	**19:** 0.75	**19:** D-GN	**19:** 199	**19:** -	**19:** -	**19:** Left Rear Speaker (+)	**19:** 19	**19:** 0.75	**19:** D-GN	**19:** 199	**19:** -	**19:** -
20: 20	**20:** 0.75	**20:** D-GN/BK	**20:** 116	**20:** -	**20:** -	**20:** Left Rear Speaker Signal (-)	**20:** 20	**20:** 0.75	**20:** D-GN/BK	**20:** 116	**20:** -	**20:** -

X800 RIGHT REAR DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13600493
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600495
- Service Connector: 13576560
- Description: 20-Way M 5.8 TTS 1.5 Series (GY)

Terminal Part Information

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575858	J-35616-42 (RD)	J-38125-36	927837-1	25	A	D
II	13575538	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13575539	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
IV	13575706	Pending	J-38125-36	964308-1	NA	Not Available	Not Available
V	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	2
VI	13575593	J-35616-14 (GN)	J-38125-560	964265-2	28	E	C

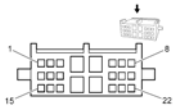
X800 Right Rear Door Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** -	**1:** -	**1:** Ground	**1:** 1	**1:** 2.5	**1:** BK	**1:** 2050	**1:** -	**1:** -
2: 2	**2:** 2.5	**2:** RD/BN	**2:** 2940	**2:** -	**2:** -	**2:** Battery Positive Voltage	**2:** 2	**2:** 2.5	**2:** RD/BN	**2:** 2940	**2:** -	**2:** -
3: 3	**3:** 0.75	**3:** BN/YE	**3:** 294	**3:** -	**3:** -	**3:** Door Lock Actuator Unlock Control	**3:** 3	**3:** 0.75	**3:** BN/YE	**3:** 294	**3:** -	**3:** -
4: 4	**4:** 0.75	**4:** GY	**4:** 295	**4:** -	**4:** -	**4:** Door Lock Actuator Lock Control	**4:** 4	**4:** 0.75	**4:** GY	**4:** 295	**4:** -	**4:** -
5-8	-	-	-	-	-	Not Occupied	5-8	-	-	-	-	-
9: 9	**9:** 0.5	**9:** D-GN/GY	**9:** 6135	**9:** -	**9:** -	**9:** Linear Interconnect Network Bus 4	**9:** 9	**9:** 0.5	**9:** D-GN/GY	**9:** 6135	**9:** -	**9:** -
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11: 11	**11:** 0.5	**11:** GY	**11:** 748	**11:** -	**11:** -	**11:** Front Passenger Door Ajar Switch Signal	**11:** 11	**11:** 0.5	**11:** GY	**11:** 748	**11:** V	**11:** -
12-16	-	-	-	-	-	Not Occupied	12-16	-	-	-	-	-
						17: Child Security Lock						

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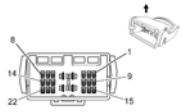
17: 17	**17:** 0.5	**17:** GY/BK	**17:** 3268	**17:** -	**17:** -	Motor Status Signal Right Rear	**17:** 17	**17:** 0.5	**17:** GY/BK	**17:** 3268	**17:** -	**17:** -
18: 18	**18:** 0.75	**18:** WH/D-BU	**18:** 3266	**18:** -	**18:** -	**18:** Child Security Lock Motor Unlock Control	**18:** 18	**18:** 0.75	**18:** WH/D-BU	**18:** 3266	**18:** -	**18:** -
19: 19	**19:** 0.75	**19:** WH	**19:** 46	**19:** -	**19:** -	**19:** Right Rear Speaker (+)	**19:** 19	**19:** 0.75	**19:** WH	**19:** 46	**19:** -	**19:** -
20: 20	**20:** 0.75	**20:** D-BU/BK	**20:** 115	**20:** -	**20:** -	**20:** Right Rear Speaker Signal (-)	**20:** 20	**20:** 0.75	**20:** D-BU/BK	**20:** 115	**20:** -	**20:** -

X900 REAR COMPARTMENT LID HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 13677589
- Service Connector: Pending
- Description: 22-Way F MQS/MCP 2.8 Series (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13677156
- Service Connector: Pending
- Description: 22-Way M MQS/MCP 2.8 Series (BK)

Terminal Part Information

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

X900 Rear Compartment Lid Harness to Body Harness

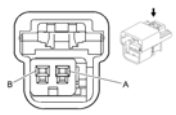
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BU/YE	**1:** 6795	**1:** I	**1:** -	**1:** Lift Glass/Trunk Motor Release Control 2	**1:** 1	**1:** 0.5	**1:** BU/YE	**1:** 6795	**1:** II	**1:** -

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2: 2	**2:** 0.5	**2:** VT/GY	**2:** 1303	**2:** I	**2:** -	**2:** Lift Gate Ajar Switch Signal (1)	**2:** 2	**2:** 0.5	**2:** VT/GY	**2:** 1303	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** GN/YE	**3:** 6846	**3:** I	**3:** -	**3:** Rear License Lamp Control	**3:** 3	**3:** 0.5	**3:** GN/YE	**3:** 6846	**3:** II	**3:** -
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7: 7	**7:** 0.5	**7:** BK	**7:** 2550	**7:** I	**7:** -	**7:** Lift Gate Ajar Switch Signal (1)	**7:** 7	**7:** 0.5	**7:** BK	**7:** 2550	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** BK	**8:** 650	**8:** I	**8:** -	**8:** Ground	**8:** 8	**8:** 0.5	**8:** BK	**8:** 650	**8:** II	**8:** -
9: 9	**9:** 0.5	**9:** BK	**9:** 1650	**9:** I	**9:** -	**9:** Ground	**9:** 9	**9:** 0.5	**9:** BK	**9:** 1650	**9:** II	**9:** -
10: 10	**10:** 0.5	**10:** YE/BU	**10:** 5797	**10:** I	**10:** -	**10:** Rear Closure Handle Switch Open Signal	**10:** 10	**10:** 0.5	**10:** YE/BU	**10:** 5797	**10:** II	**10:** -
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13: 13	**13:** 0.5	**13:** VT/GY	**13:** 709	**13:** I	**13:** -	**13:** Left Park Lamp Supply Voltage	**13:** 13	**13:** 0.5	**13:** VT/GY	**13:** 709	**13:** II	**13:** -
14: 14	**14:** 0.5	**14:** GY/BN	**14:** 309	**14:** I	**14:** -	**14:** Right Park Lamp Control	**14:** 14	**14:** 0.5	**14:** GY/BN	**14:** 309	**14:** II	**14:** -
15: 15	**15:** 0.5	**15:** BARE	**15:** 6974	**15:** I	**15:** -	**15:** Camera Drain Wire	**15:** 15	**15:** 0.5	**15:** BARE	**15:** 6974	**15:** II	**15:** -
16: 16	**16:** 0.5	**16:** WH/BU	**16:** 6973	**16:** I	**16:** -	**16:** Camera Signal #2	**16:** 16	**16:** 0.5	**16:** WH/BU	**16:** 6973	**16:** II	**16:** -
17: 17	**17:** 0.5	**17:** GY/YE	**17:** 6972	**17:** I	**17:** -	**17:** Camera Signal #2 +	**17:** 17	**17:** 0.5	**17:** GY/YE	**17:** 6972	**17:** II	**17:** -
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20: 20	**20:** 0.5	**20:** BK	**20:** 1324	**20:** I	**20:** -	**20:** Backup Lamp Supply Voltage	**20:** 20	**20:** 0.5	**20:** BK	**20:** 1324	**20:** II	**20:** -
21: 21	**21:** 0.5	**21:** VT/BK	**21:** 339	**21:** I	**21:** -	**21:** Run/Crank Ignition 1 Voltage	**21:** 21	**21:** 0.5	**21:** VT/BK	**21:** 339	**21:** II	**21:** -
22	-	-	-	-	-	Not Occupied	22	-	-	-	-	-

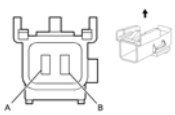
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X910 LEFT INNER TAIL LAMP HARNESS TO REAR COMPARTMENT LID HARNESS



Connector Part Information

- Harness Type: Left Inner Tail Lamp
- OEM Connector: 15332129
- Service Connector: 15306425
- Description: 2-Way F GT 150 Series (BK)



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 15332130
- Service Connector: 88986459
- Description: 2-Way M GT 150 Series (BK)

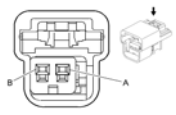
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 15306425	Pending	Not Available	Not Available	Not Available	Not Available	Not Available
II	13575502	J-35616-3 (GY)	J-38125-553	15304702	19	E	4

X910 Left Inner Tail Lamp Harness to Rear Compartment Lid Harness

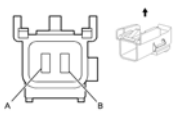
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BK	**A:** 709	**A:** I	**A:** -	**A:** Left Park Lamp Supply Voltage	**A:** A	**A:** 0.5	**A:** VT/GY	**A:** 709	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** D-BU	**B:** 2550	**B:** I	**B:** -	**B:** Ground	**B:** B	**B:** 0.5	**B:** BK	**B:** 2550	**B:** II	**B:** -

X920 RIGHT INNER TAIL LAMP HARNESS TO REAR COMPARTMENT LID HARNESS



Connector Part Information

- Harness Type: Right Inner Tail Lamp
- OEM Connector: 15332129
- Service Connector: 15306425



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 15332130
- Service Connector: 88986459

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- Description: 2-Way F GT 150 Series (BK)
- Description: 2-Way M GT 150 Series (BK)

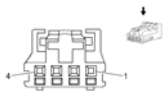
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Service by Connector Assembly - 15306425	Pending	Not Available	Not Available	Not Available	Not Available	Not Available
II	13575502	J-35616-3 (GY)	J-38125-553	15304702	19	E	4

X920 Right Inner Tail Lamp Harness to Rear Compartment Lid Harness

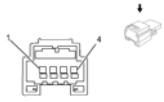
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A: A	**A:** 0.5	**A:** BK	**A:** 309	**A:** I	**A:** -	**A:** Right Park Lamp Supply Voltage	**A:** A	**A:** 0.5	**A:** GY/BN	**A:** 309	**A:** II	**A:** -
B: B	**B:** 0.5	**B:** D-BU	**B:** 2550	**B:** I	**B:** -	**B:** Ground	**B:** B	**B:** 0.5	**B:** BK	**B:** 2550	**B:** II	**B:** -

X915 LICENSE LAMP HARNESS TO REAR COMPARTMENT LID HARNESS (-UVC)



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: 936119-1
- Service Connector: Service by Harness- See Part Catalog
- Description: 4-Way F (BK)



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 13599751
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M (BK)

Terminal Part Information

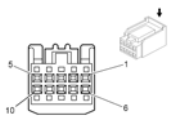
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575585	J-35616-64B (L-BU)	J-38125-12A	928999-5	15	J	J
II	13327167	J-35616-65B (L-BU)	J-38125-12A	963716-2	7	J	J

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X915 License Lamp Harness to Rear Compartment Lid Harness (-UVC)

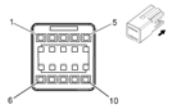
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK/WH	**1:** 2550	**1:** I	**1:** -	**1:** Ground	**1:** 1	**1:** 0.5	**1:** BK	**1:** 2550	**1:** II	**1:** -
2: 2	**2:** 0.5	**2:** WH	**2:** 6846	**2:** I	**2:** -	**2:** Rear License Lamp Control	**2:** 2	**2:** 0.5	**2:** GN/YE	**2:** 6846	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** I	**3:** -	**3:** Ground	**3:** 3	**3:** 0.5	**3:** BK	**3:** 1650	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** BK	**4:** 5797	**4:** I	**4:** -	**4:** Rear Closure Handle Switch Open Signal	**4:** 4	**4:** 0.5	**4:** YE/D-BU	**4:** 5797	**4:** II	**4:** -

X915 LICENSE LAMP HARNESS TO REAR COMPARTMENT LID HARNESS (UVC)



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F Kaisen 0.64 Series (BK)



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 13761859
- Service Connector: 19177677
- Description: 10-Way M Kaisen 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	J-35616-64B (L-BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	Pending	J-35616-65B (L-BU)	J-38125-215A	18	18	Not Available	Not Available

X915 License Lamp Harness to Rear Compartment Lid Harness (UVC)

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1: 1	**1:** 0.5	**1:** BK	**1:** 2550	**1:** I	**1:** -	**1:** Ground	**1:** 1	**1:** 0.5	**1:** BK	**1:** 2550	**1:** II	**1:** -
	2:		**2:**					**2:**		**2:**		

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2: 2	0.5	**2:** BK	1650	**2:** I	**2:** -	**2:** Ground	**2:** 2	0.5	**2:** BK	1650	**2:** II	**2:** -
3: 3	**3:** 0.5	**3:** GY/YE	**3:** 6972	**3:** I	**3:** -	**3:** Camera Signal #2 +	**3:** 3	**3:** 0.5	**3:** GY/YE	**3:** 6972	**3:** II	**3:** -
4: 4	**4:** 0.5	**4:** BARE	**4:** 6974	**4:** I	**4:** -	**4:** Camera Drain Wire	**4:** 4	**4:** 0.5	**4:** BARE	**4:** 6974	**4:** II	**4:** -
5: 5	**5:** 0.5	**5:** GN/WH	**5:** 1324	**5:** I	**5:** -	**5:** Backup Lamp Supply Voltage	**5:** 5	**5:** 0.5	**5:** GN/WH	**5:** 1324	**5:** II	**5:** -
6: 6	**6:** 0.5	**6:** GN/YE	**6:** 6846	**6:** I	**6:** -	**6:** Rear License Lamp Supply Voltage	**6:** 6	**6:** 0.5	**6:** GN/YE	**6:** 6846	**6:** II	**6:** -
7: 7	**7:** 0.5	**7:** YE/BU	**7:** 5797	**7:** I	**7:** -	**7:** Rear Closure Handle Switch Open Signal	**7:** 7	**7:** 0.5	**7:** YE/BU	**7:** 5797	**7:** II	**7:** -
8: 8	**8:** 0.5	**8:** WH/BU	**8:** 6973	**8:** I	**8:** -	**8:** Camera Signal #2	**8:** 8	**8:** 0.5	**8:** WH/BU	**8:** 6973	**8:** II	**8:** -
9: 9	**9:** 0.5	**9:** BK	**9:** 2350	**9:** I	**9:** -	**9:** Ground	**9:** 9	**9:** 0.5	**9:** BK	**9:** 2350	**9:** II	**9:** -
10: 10	**10:** 0.5	**10:** VT/BK	**10:** 339	**10:** I	**10:** -	**10:** Run/Crank Ignition 1 Voltage	**10:** 10	**10:** 0.5	**10:** VT/BK	**10:** 339	**10:** II	**10:** -

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2013 ELECTRICAL

Wiring Systems and Power Management - Schematic and Routing Diagrams - Cruze

WIRING SCHEMATICS AND WIRING HARNESS ROUTING DIAGRAMS

HARNESS ROUTING VIEWS

Forward Lamp Harness Routing

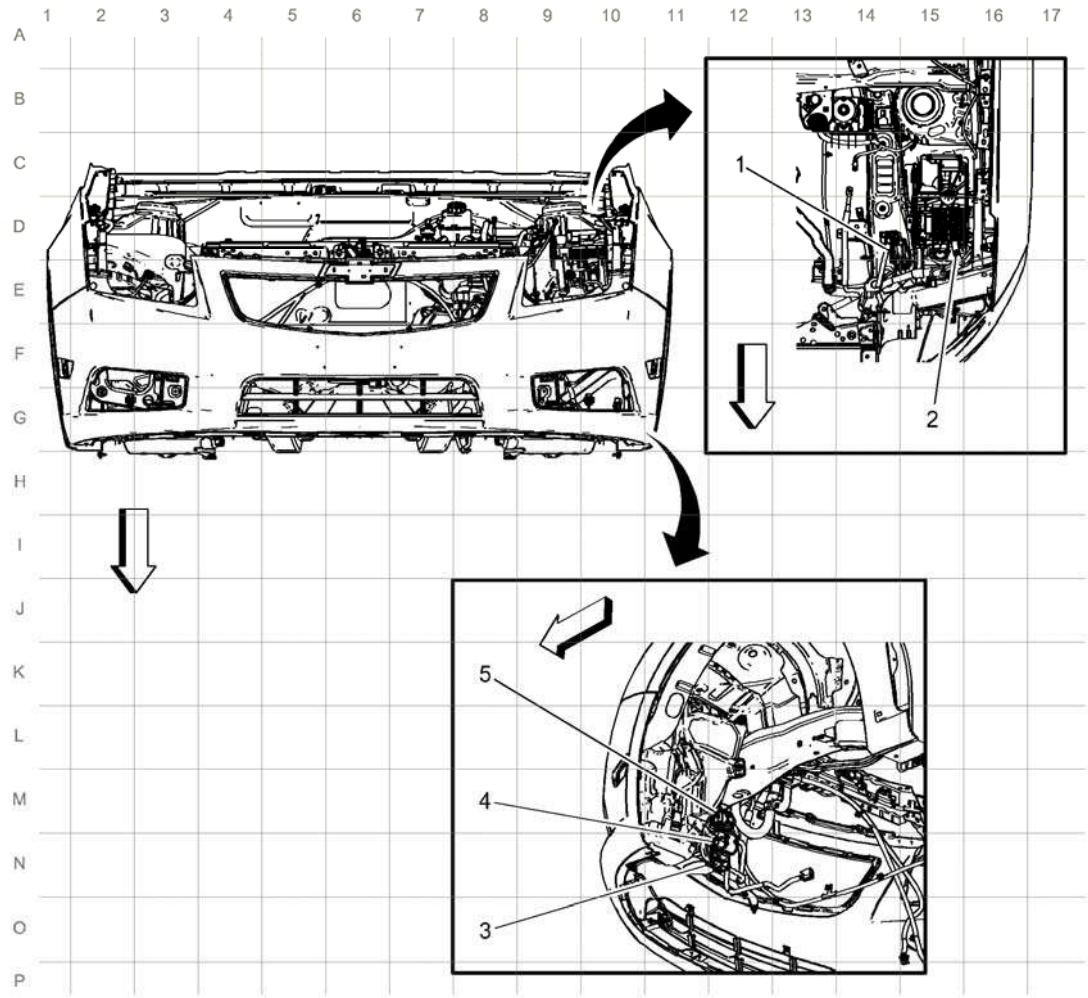


Fig. 1: Foward Lamp Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X100 **X100 Body Harness to Forward Lamp Harness**
2: J116 (T3U)
3: X102 **X102 Engine Cooling Harness to Forward Lamp Harness**

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4: X104 **X104 Engine Cooling Harness to Forward Lamp Harness**
5: X114 **X114 Power Steering Harness to Forward Lamp Harness**

Engine Harness Routing - Left Front (LUV)

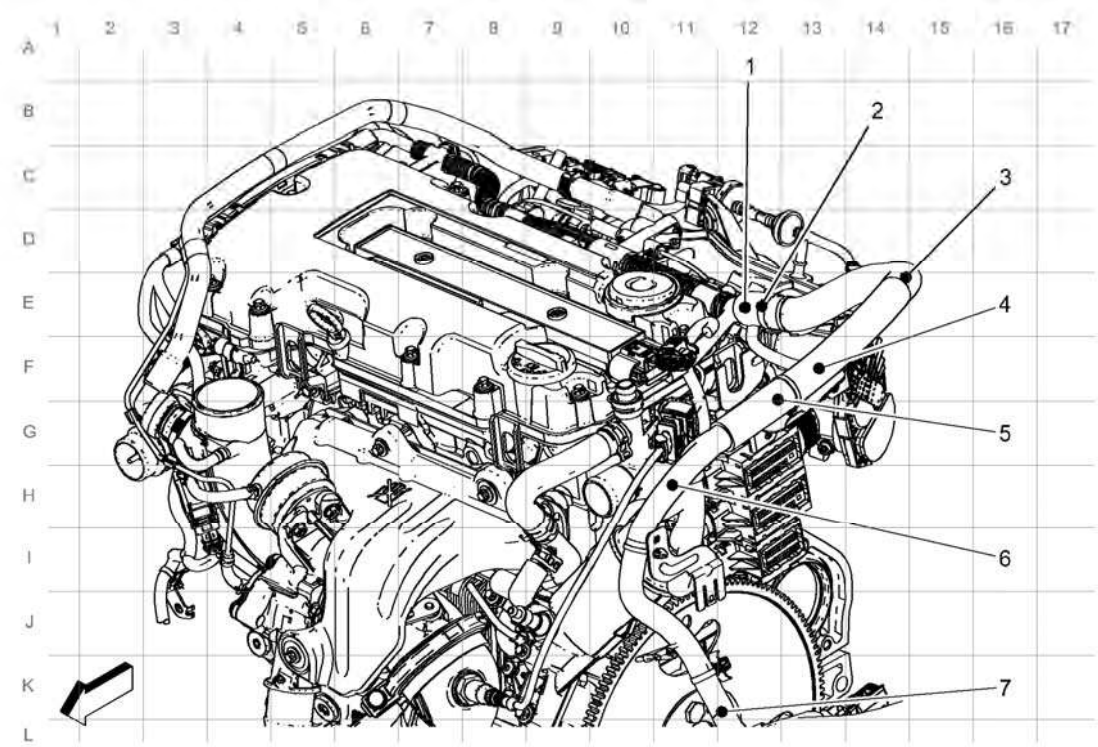


Fig. 2: Engine Harness Routing -- Left Front (LUJ)
Courtesy of GENERAL MOTORS COMPANY

Items
1: J114
2: J111
3: J127
4: J144
5: J112 (LUV)
6: J119
7: J132

Engine Harness Routing - Left Front (LUW/LWE)

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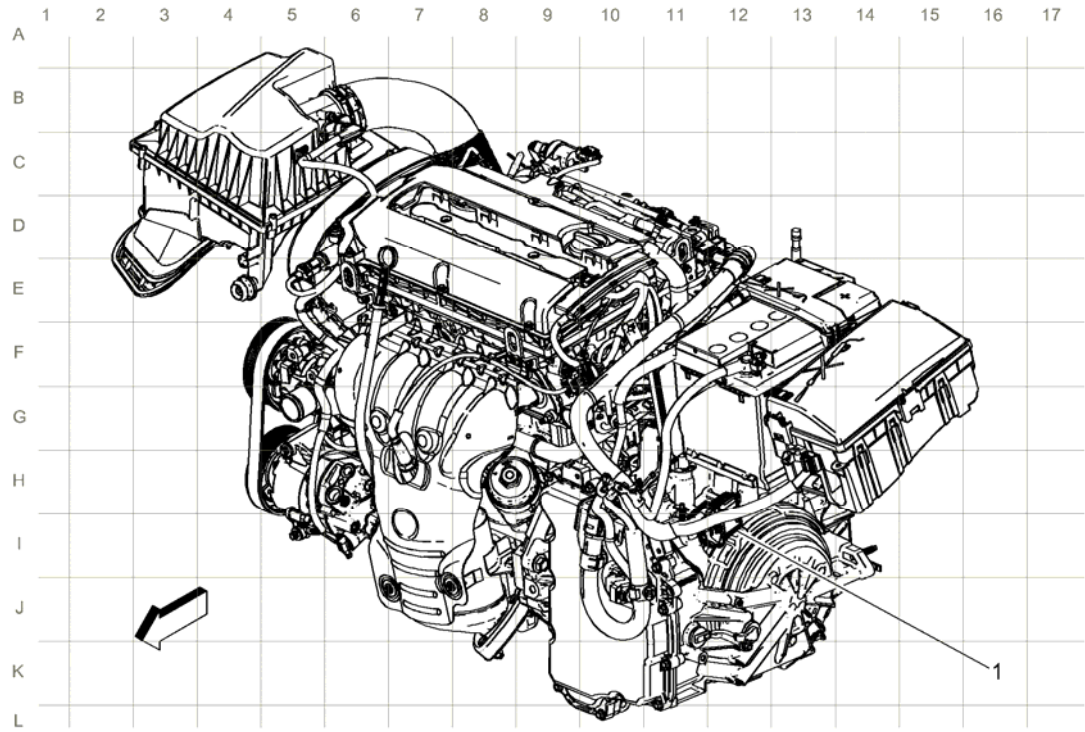


Fig. 3: Engine Harness Routing -- Left Front (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: X190 **X190 Body Harness to Engine Harness**

Engine Harness Routing - Right Rear (LUW/LWE)

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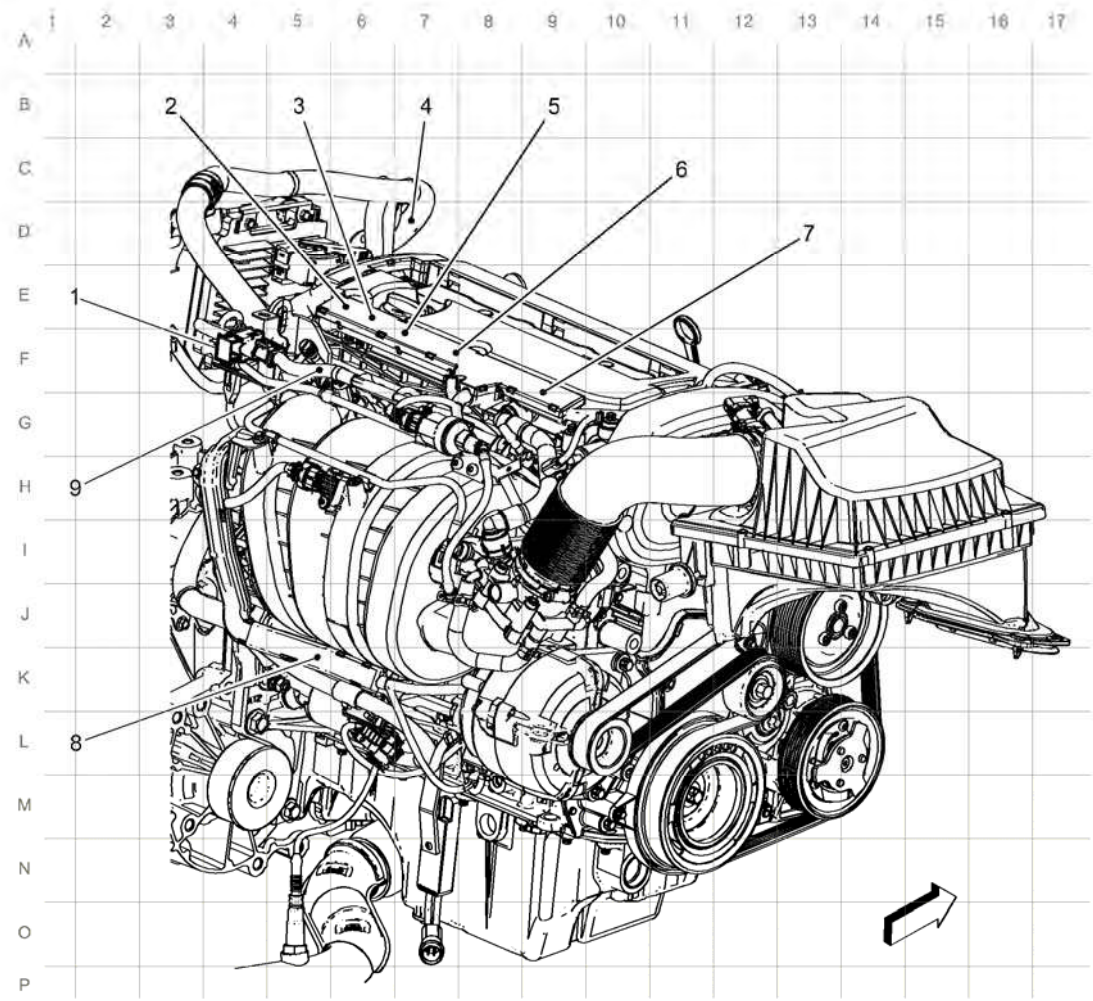


Fig. 4: Engine Harness Routing -- Right Rear (LUW)
Courtesy of GENERAL MOTORS COMPANY

Items
1: X105 (LUW/LWE) **X105 Engine Harness to Fuel Injectors Harness (LUW/LWE)**
2: J114
3: J144
4: J127
5: J111
6: J132
7: J119
8: J122 (LUW or LWE with MH9)
9: J108 (LUW/LWE)

Instrument Panel Harness Routing

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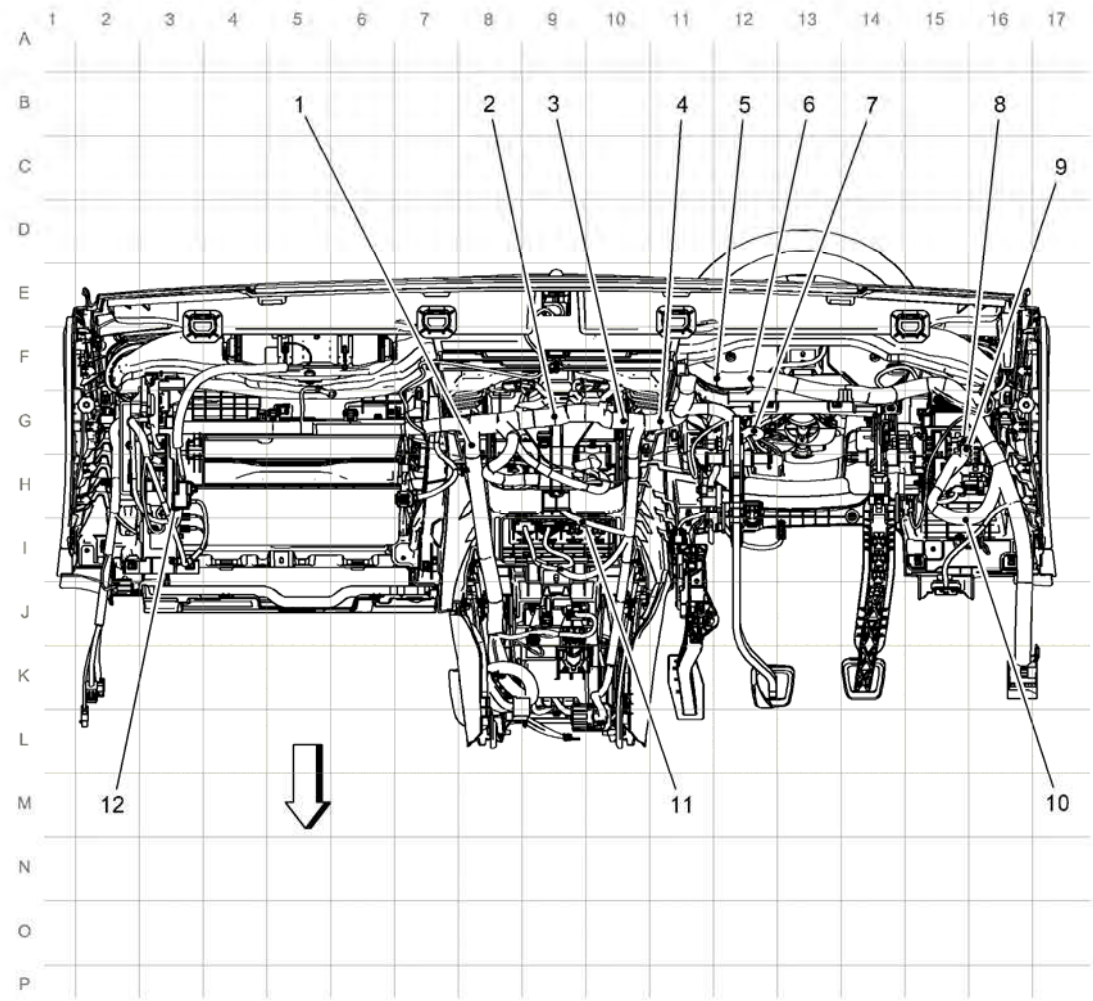


Fig. 5: Instrument Panel Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: J202
2: J214
3: J204
4: J200
5: J213
6: J203
7: J209
8: J207
9: J206
10: J201
11: J211
12: X203 **X203 Instrument Panel Harness to Passenger Instrument Panel Air Bag Harness**

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Center Console Harness Routing

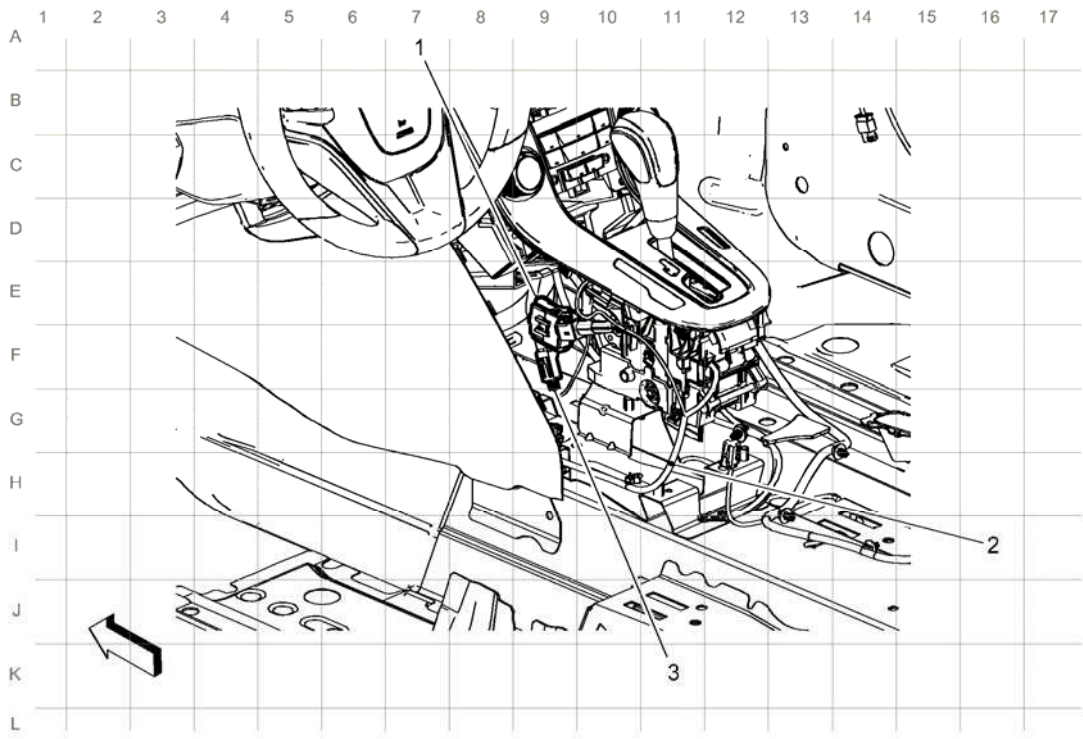


Fig. 6: Center Console Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X300 **X300 Console Harness to Instrument Panel Harness**
2: J212
3: X301

Passenger Compartment Harness Routing

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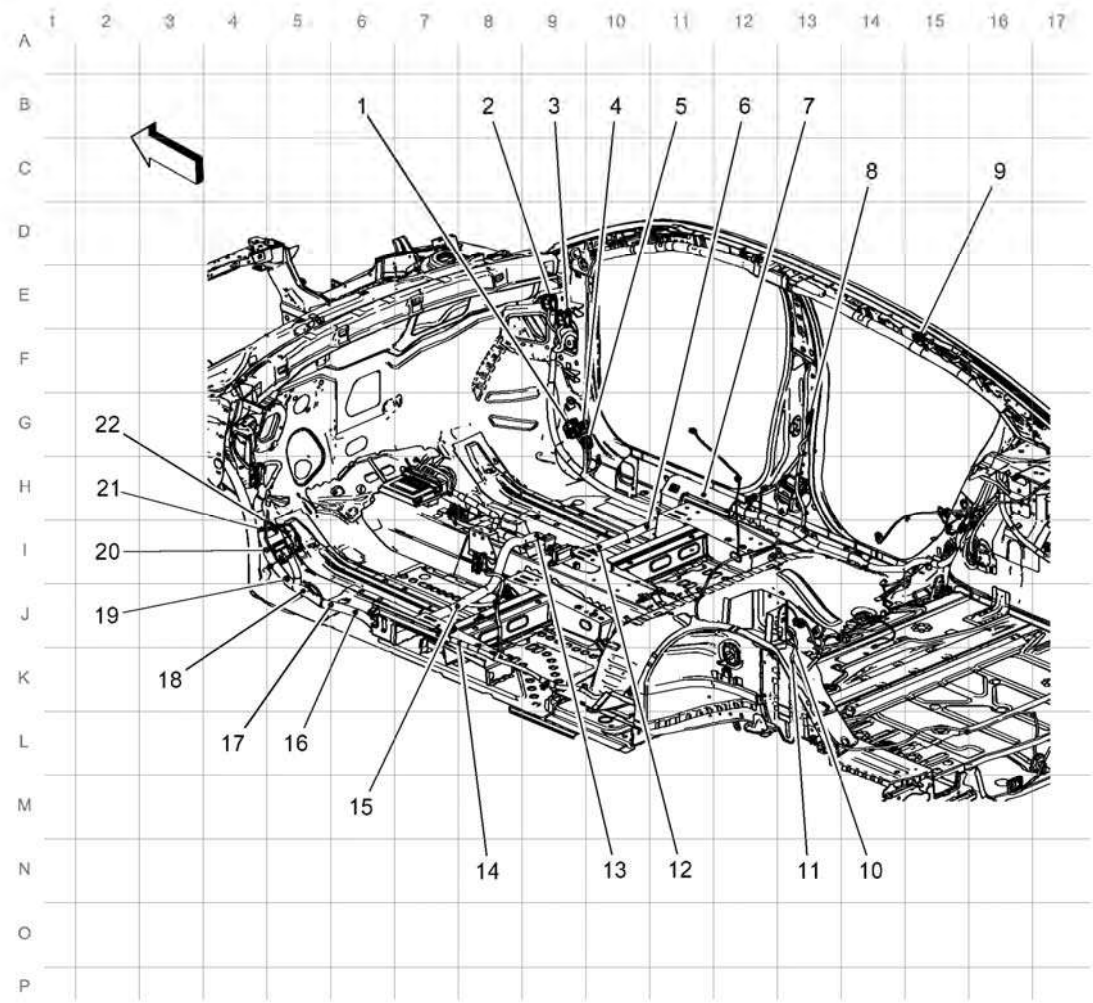


Fig. 7: Passenger Compartment Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X205 (UQA) **X205 Instrument Panel Harness to Body Harness (UQA)**
2: X211 **X211 Headliner Harness to Body Harness**
3: X210 **X210 Headliner Harness to Body Harness**
4: X206
5: X207
6: J302
7: J308
8: X800 **X800 Right Rear Door Harness to Body Harness**
9: X345 **X345 Body Harness to Curtain Air Bag Harness**
10: J402
11: J401
12: J305
13: J307

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14: J315
15: J313
16: J314
17: J311
18: J319
19: J301
20: J303
21: J316
22: X200 **X200 Instrument Panel Harness to Body Harness**

Driver Seat Harness Routing

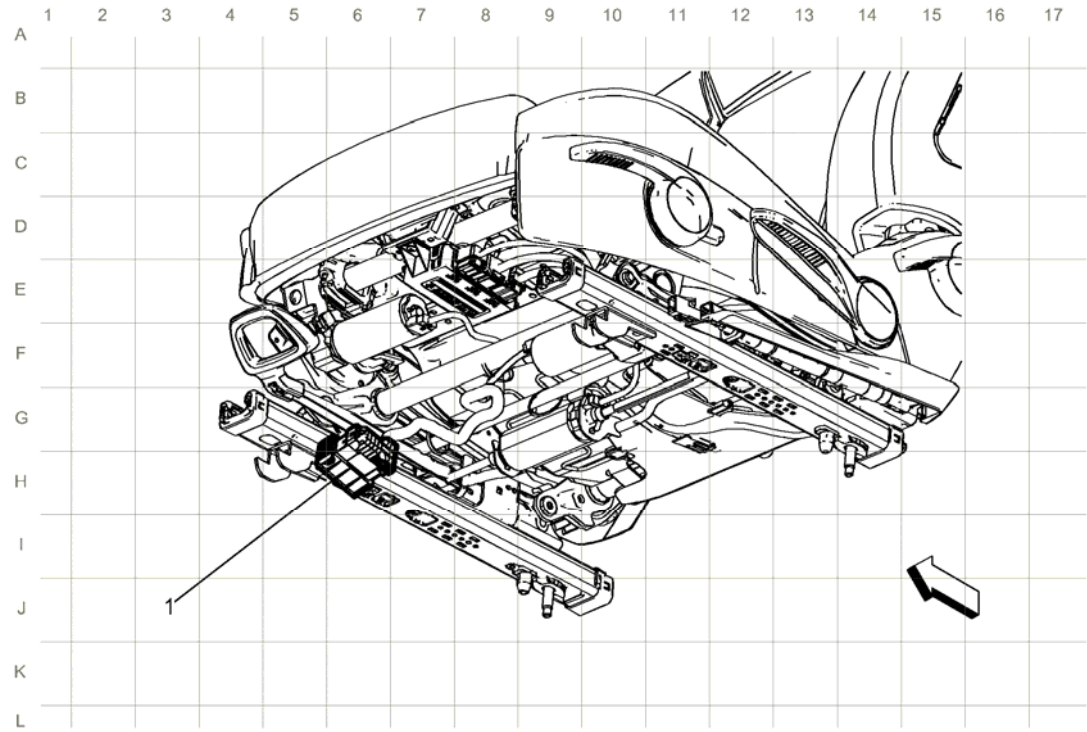


Fig. 8: Driver Seat Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X310 **X310 Body Harness to Driver Seat Harness**

Passenger Seat Harness Routing

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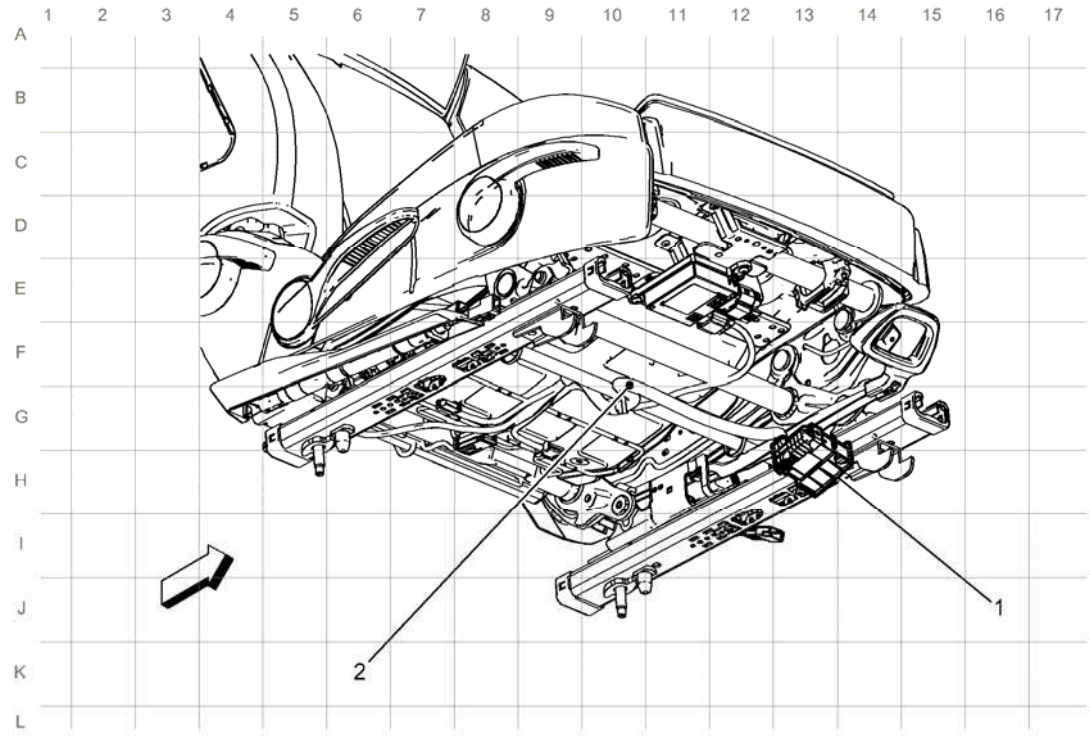


Fig. 9: Passenger Seat Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X320 **X320 Body Harness to Passenger Seat Harness**
2: J317

Driver Door Harness Routing

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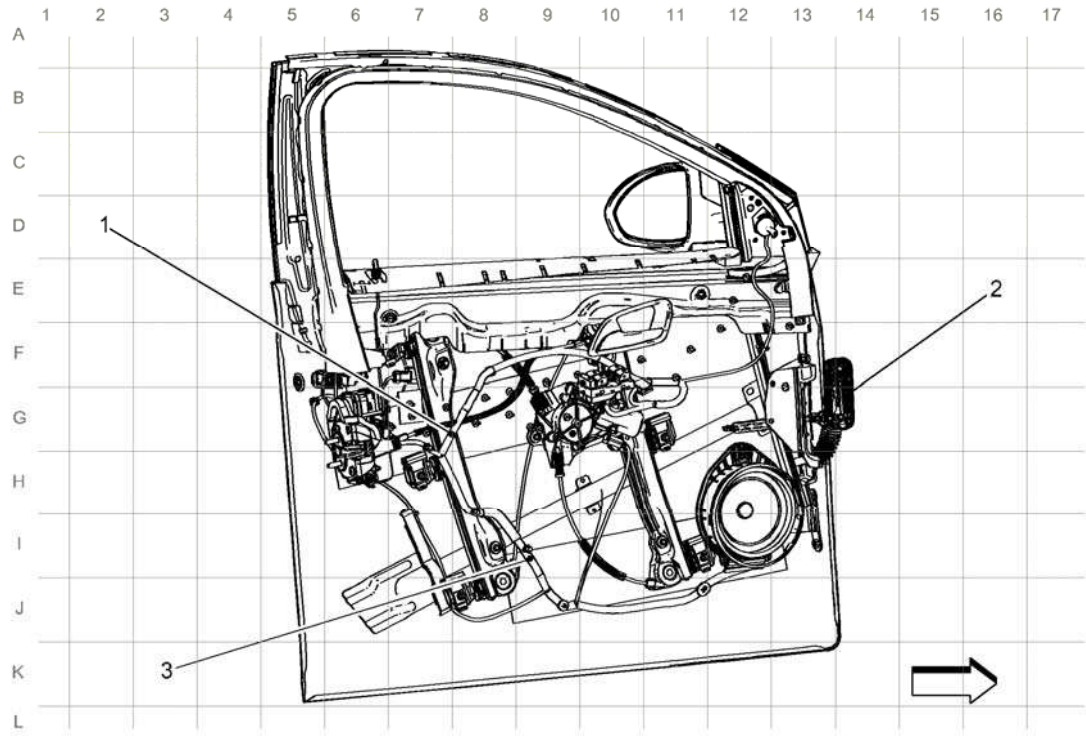


Fig. 10: Driver Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: J501 (AXG)
2: X500 **X500 Driver Door Harness to Body Harness**
3: J502

Passenger Door Harness Routing

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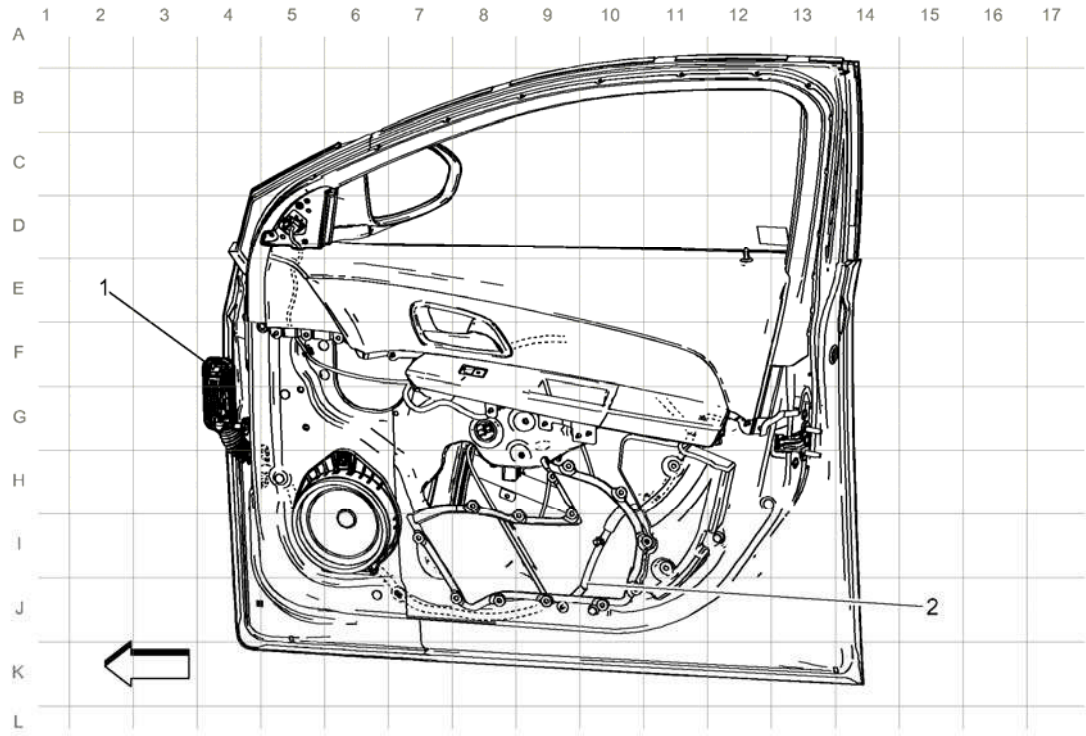


Fig. 11: Passenger Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X600 **X600 Passenger Door Harness to Body Harness**
2: J605

Left Rear Door Harness Routing

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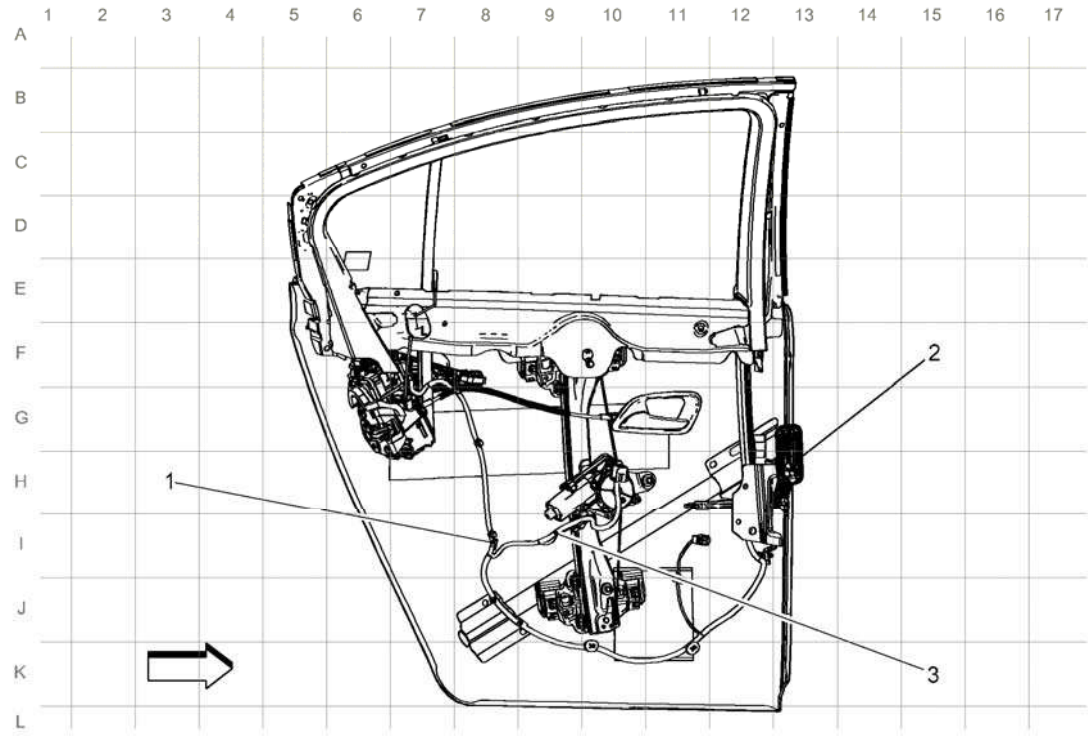


Fig. 12: Left Rear Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: J704
2: X700 **X700 Left Rear Door Harness to Body Harness**
3: J702

Right Rear Door Harness Routing

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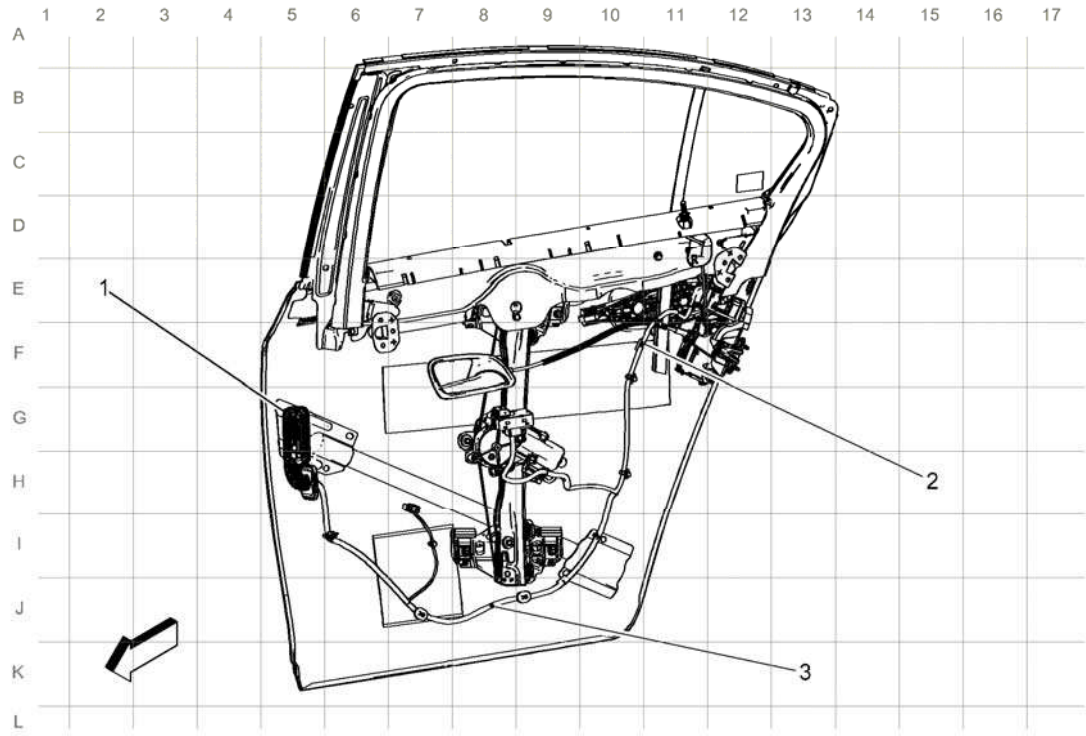


Fig. 13: Right Rear Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: X800 **X800 Right Rear Door Harness to Body Harness**
2: J803
3: J801

Headliner Harness Routing

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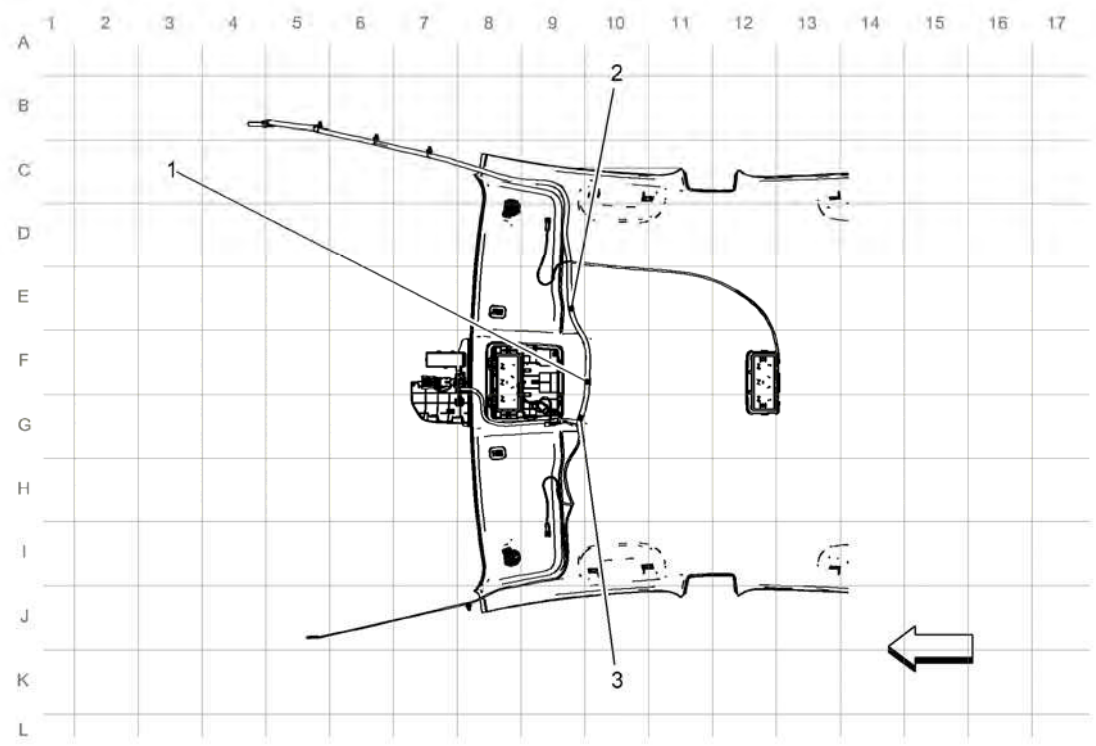


Fig. 14: Headliner Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: J334
2: J333 (CF5)
3: J332

Rear Compartment Lid Harness Routing

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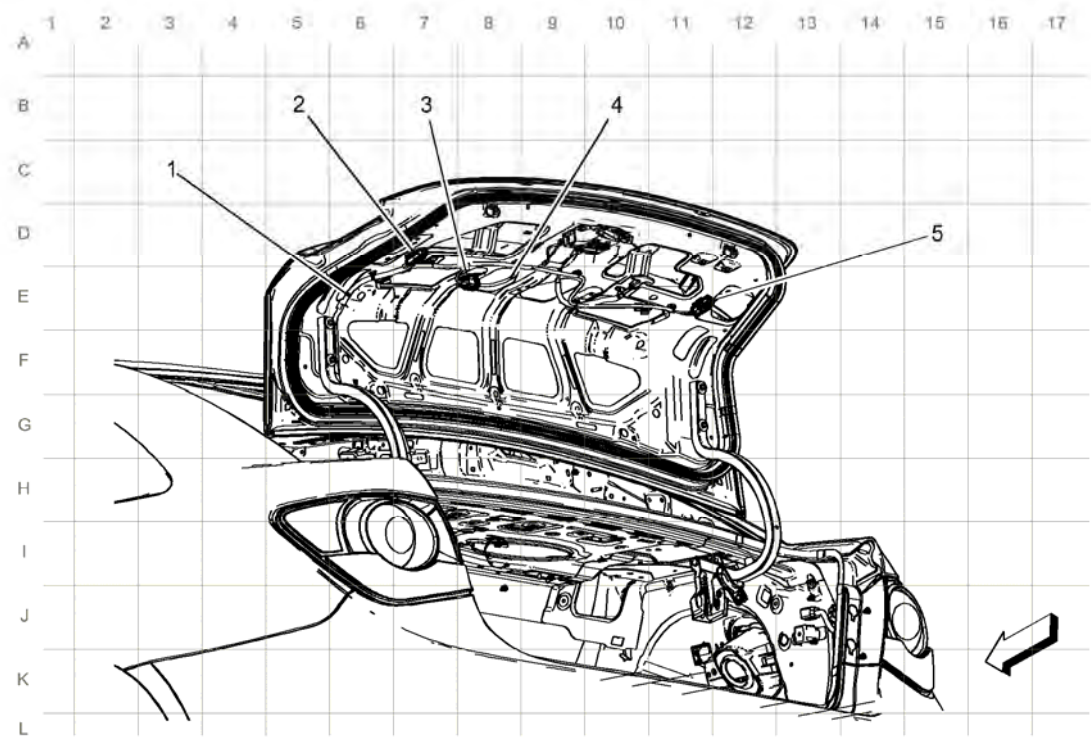


Fig. 15: Rear Compartment Lid Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items
1: J903
2: X910 **X910 Left Inner Tail Lamp Harness to Rear Compartment Lid Harness**
3: X915 **X915 License Lamp Harness to Rear Compartment Lid Harness (-UVC)** **X915 License Lamp Harness to Rear Compartment Lid Harness (UVC)**
4: J901
5: X920 **X920 Right Inner Tail Lamp Harness to Rear Compartment Lid Harness**

Body Harness Routing - Left Side of the Luggage Compartment

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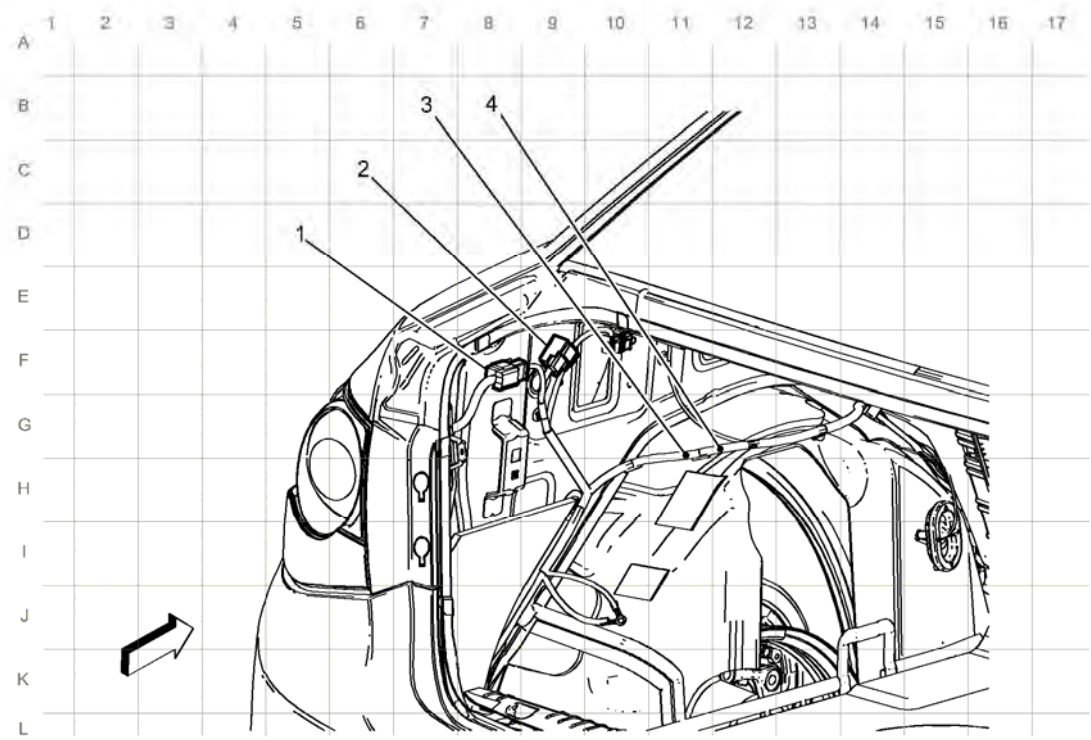


Fig. 16: Body Harness Routing -- Left Side of the Luggage Compartment
Courtesy of GENERAL MOTORS COMPANY

Items
1: X410 **X410 Left Tail Lamp Harness to Body Harness**
2: X900 **X900 Rear Compartment Lid Harness to Body Harness**
3: J401
4: J402

Body Harness Routing - Right Side of the Luggage Compartment

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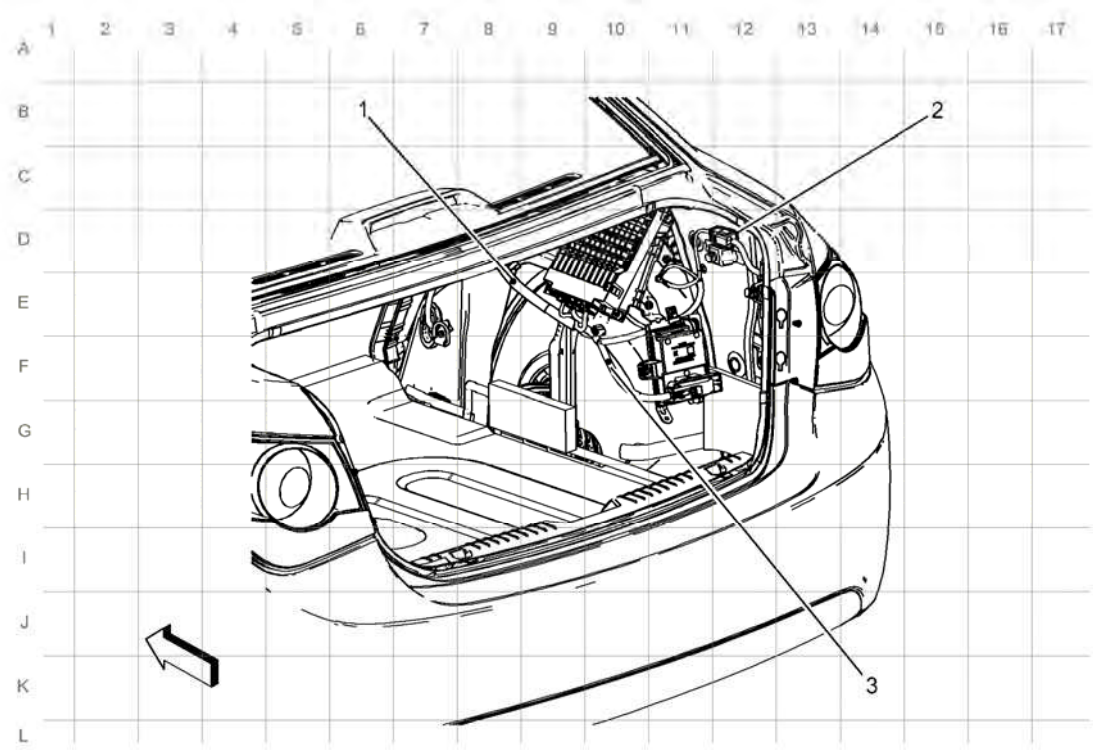


Fig. 17: Body Harness Routing - Right Side of the Luggage Compartment
Courtesy of GENERAL MOTORS COMPANY

Items
1: J312 (Y8X)
2: X420 **X420 Right Tail Lamp Harness to Body Harness**
3: J404

Body Harness Routing - Under the Rear of the Vehicle

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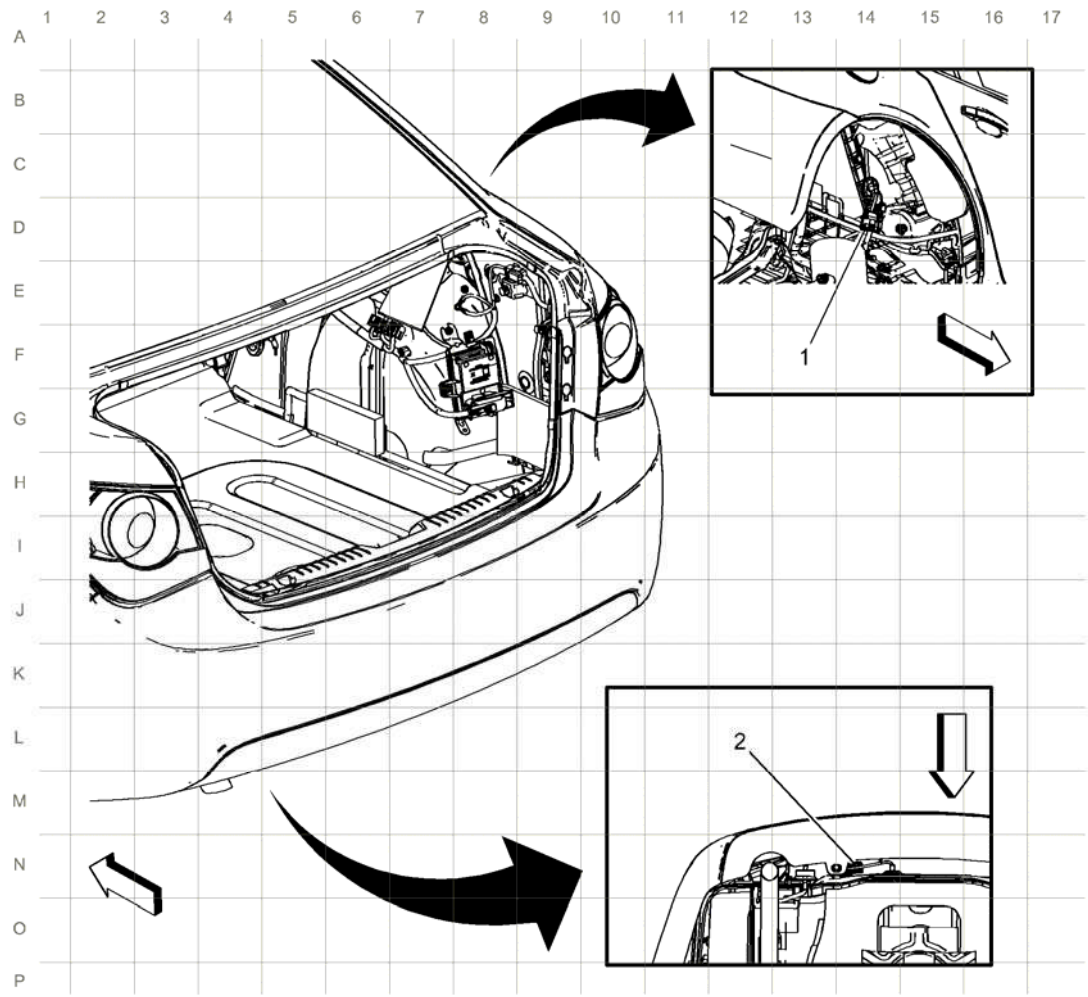


Fig. 18: Body Harness Routing -- Under the Rear of the Vehicle
Courtesy of GENERAL MOTORS COMPANY

Items
1: X401 **X401 Fuel Tank Harness to Body Harness**
2: X402 (UD7) **X402 Rear Object Sensor Harness to Body Harness (UD7)**

ELECTRICAL SCHEMATIC SYMBOLS

Voltage Indicators

Symbol	Description
B+	Battery Voltage

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	Ignition Switch- Off Position
	Ignition Switch- Accessory Position
	Ignition Switch- Run Position
	Ignition Switch- Start Position

General Icons

Symbol	Description
	Master Component List Icon This icon is used on the schematic to link to the Master Electrical Component List.
	Description and Operation Icon This icon is used on the schematic to link to the Description and Operation of that particular system.
	Computer Programming Icon This icon is used on the schematic to link to Control Module References, which identifies which components need programming upon replacement.
	Next Schematic Page Icon This icon is used on the schematic to navigate to the next schematic in the subsystem.

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	Previous Schematic Page Icon This icon is used on the schematic to navigate to the previous schematic in the subsystem.
	Supplemental Inflatable Restraint (SIR) or Supplemental Restraint System (SRS) Icon This icon is used to alert the technician that the system contains SIR/SRS components that require certain precautions before servicing.
	Information Icon This icon is used to alert the technician that there is additional information that will aid in servicing a system.
	Danger Icon This icon is intended to alert the technician that a component within the system contains labeling with the same icon. This icon is used when a source component has potential for 60 volts DC or greater or has potential for 42 volts AC or greater.
	High Voltage Icon This icon is intended to alert the technician that a component within the system contains labeling with the same icon. This icon is used when a component/circuit has potential for 60 volts DC or greater or has potential for 42 volts AC or greater.
	Caution Icon This icon is used to advise the technician to use caution when servicing this component. This icon may be used when a component/circuit has a voltage range potential between 30-60 volts DC or 15-42 volts AC.
	Functional Serial Data Communication This icon is used to show the technician that the serial data circuit detail is shown incomplete. It also provides an active link to the Data Communication Schematics

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	were the circuit is shown complete.

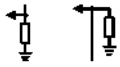
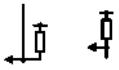
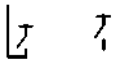
Switch Position Icons

Symbol	Description
↑ ^ △	Generic Up Arrows
↓ v ▽	Generic Down Arrows
← < ◁	Generic Left Arrows
→ > ▷	Generic Right Arrows
⇊	Generic Express Down Arrows
⏻	On/Off Icon
	Generic Lock Icon

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	Generic Unlock Icon
	Generic Window Switch Positions- 4 Door
	Generic Window Switch Positions- 2 Door

Module Circuit Function Icons

Symbol	Description
	I/O Pull-Down Resistors (-)
	I/O Pull-Up Resistors (+)
	I/O High-Side Drive Switch (+)
	I/O Low-Side Drive Switch (+)

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	I/O Bidirectional Switch (+/-)
	Pulse-Width Modulation Symbol
B+	Battery Voltage
IGN	Ignition Voltage
5V	Voltage Reference
5V AC	A/C Voltage
	Low Reference

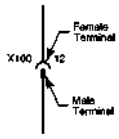
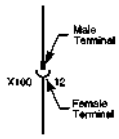
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	Ground
	Serial Data
	Antenna Signal- In
	Antenna Signal- Out
	Brake Apply

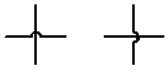
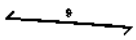
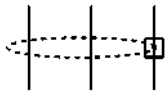
Harness Components

Symbol	Description
	Fuse
	Fuse Supplied by a Relay
	Circuit Breaker

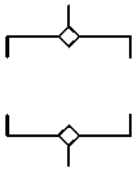
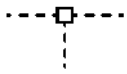
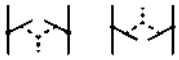
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	Fusible Link
	Ground
	Case Ground
	Inline Harness Connector
	Inline Harness Connector
	Pigtail Connection
	Pigtail Connection

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	Provisional or Diagnostic Connector
	Blunt Cut Wire
	Incomplete Physical Splice
	Complete Physical Splice- 2 Wires
	Complete Physical Splice- 3 or more wires
	Wire Crosses
	Twisted Wires
	Shield

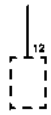
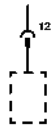
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	Circuit References
	Circuit Continuation Arrowheads
	Option Breakpoint
	Ground Circuit Connection
	Connector Shorting Clip

Component Parts

Symbol	Description
	Partial Component When a component is represented in a dashed box, the component or its wiring is not shown in its entirety.
	Entire Component When a component is represented in a solid box the component or its wiring is shown in its entirety.
	Connector Directly Attached to Component

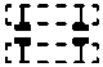
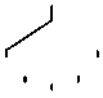
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	Pigtail Connector

Switches and Relays

Symbol	Description
	Accessory Power Outlet
	Cigar Lighter
	Switch- 2 Position Normally Open
	Switch- 2 Position Normally Closed
	Switch- Rocker
	Switch- Contact Plate (1 Wire)

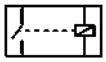
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	Switch- Contact Plate (2 Wire)
	Switch- 3 Position
	Switch- 4 Position
	Switch- 5 Position
	Switch- 6 Position
	Switch Actuator- Push (Momentary)
	Switch Actuator- Push (Latching)

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	Switch Actuator- Pull (Momentary)
	Switch Actuator- Pull (Latching)
	Switch Actuator- Rotate (Momentary)
	Switch Actuator- Rotate (Latching)
	Switch Actuator- Slide (Momentary)
	Switch Actuator- Slide (Latching)
	Switch Actuator- Pressure (Momentary)
	Switch Actuator- Temperature (Momentary)

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	Switch Actuator- Volume (Latching)
	4-Pin Single Pole/Throw Relay- Normally Open
	5-Pin Relay- Normally Closed

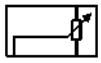
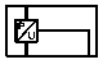
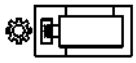
Devices and Sensors

Symbol	Description
	Battery
	Battery Assembly- Hybrid
	Single Filament Light Bulb
	Double Filament Light Bulb
	Light Emitting Diode (LED)

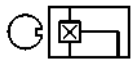
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	Photo Sensor
	Gauge
	Diode
	Capacitor
	Resistor
	Variable Resistor
	Variable Resistor- NTC

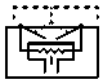
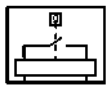
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	Breakable Wire
	Heating Element
	Position Sensor
	Pressure Sensor
	Knock Sensor
	Inductive Type Sensor- 2-Wire
	Inductive Type Sensor- 3-Wire
	Hall Effect Sensor- 2-Wire

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	Hall Effect Sensor- 3-Wire
	Oxygen Sensor- 2-Wire
	Heated Oxygen Sensor- 4-Wire
	Solenoid- Actuator
	Solenoid- Valve
	Clutch
	Motor
	Motor with PTC

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	Antenna
	Speaker
	Horn
	Microphone
	Airbag
	SIR Coil
	SIR Impact Sensor

VEHICLE ZONING STRATEGY

All grounds, in-line connectors, and splices have identifying numbers that correspond to where they are located in the vehicle. The following table explains the numbering system.

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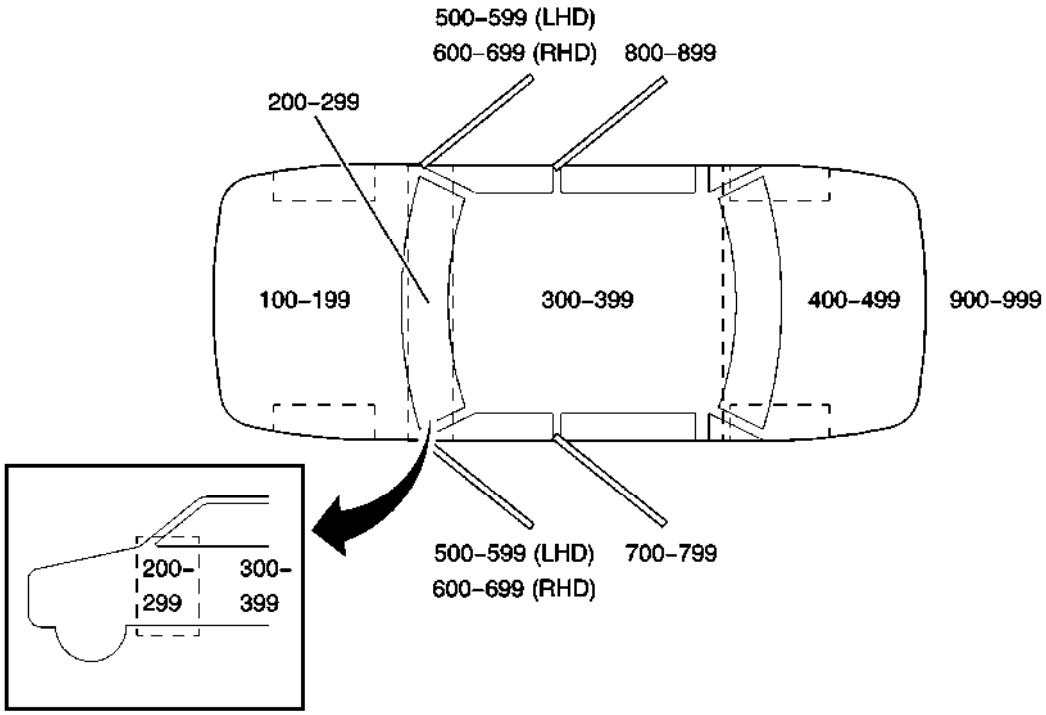


Fig. 19: Passenger Car Zoning View
Courtesy of GENERAL MOTORS COMPANY

Vehicle Zoning Strategy

Callout Numbers	Zone Description
100-199	Engine compartment (all forward of the instrument panel)
200-299	Within the instrument panel area (between the bulkhead and the front plane of the instrument panel)
300-399	Passenger compartment (from instrument panel to the back of the rear seats)
400-499	Luggage compartment (from the back of the rear seats to the rear of the vehicle)
500-599	Inline harness connectors to or within the driver door
600-699	Inline harness connectors to or within the front passenger door
700-799	Inline harness connectors to or within the left rear door
800-899	Inline harness connectors to or within the right rear door
900-999	Inline harness connectors to or within the luggage compartment lid or hatch

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SCHEMATICS RPO CODE LIST

Schematics RPO Code List

RPO	Option Name	Country Group
2H0	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC	S America2 - Andean (MAY), All Europe (MAE)
A69	RESTRAINT-SEAT BELT TENSIONER, FRT, VAR. 2	All Europe (MAE)
ADS	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, RECLINER MANUAL, DRIVER	
AEC	WINDOW-POWER OPERATED, DRIVER EXPRESS DOWN	All Europe (MAE), VietNam (MBL)
AED	WINDOW-POWER OPERATED, PASSENGER, EXPRESS DOWN	India (MBF), S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)
AEF	WINDOW-POWER OPERATED, PASSENGER, EXPRESS UP/DOWN	
AEQ	WINDOW-POWER OPERATED, RR DRS, EXPRESS DOWN	ASEAN (-VietNam) (MBJ), India (MBF), S America2 - Andean (MAY), VietNam (MBL)
AJG	RESTRAINT SYSTEM-SEAT, INFLATABLE, DRIVER and PASS, FRT and SEAT SIDE, SINGLE STAGE	
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS	
AU3	LOCK CONTROL-SIDE DR, ELEC	
AXG	WINDOW-POWER OPERATED-EXPRESS DRIVER UP/DOWN	ASEAN (-VietNam) (MBJ), India (MBF), S America2 - Andean (MAY)
AYC	RESTRAINT SYSTEM-SEAT, INFLATABLE, DRIVER and PASS FRT, SEAT SIDE, ROOF SIDE, SINGLE STAGE	All Europe (MAE)
BLUETOOTH	Bluetooth	
C25	WIPER SYS RR WINDOW-INTERMITTENT	S America2 - Andean (MAY), All Europe (MAE)
C32	HEATER-HEATING/DEFROSTER SYSTEM, REINFORCED, ELECTRIC	All Europe (MAE)
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS	ASEAN (-VietNam) (MBJ), S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)
C68	HVAC SYSTEM-AIR CONDITIONER FRT,	

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	AUTO, ELECTRONIC CONTROLS	
CE1	WIPER SYS WINDSHIELD-PULSE, MOISTURE SENSITIVE	
CF5	ROOF-SUN, GLASS, SLIDING, ELEC	
CV8	COUNTRY-IRAQ	
CX5	COUNTRY-AUSTRALIA	
D61	MIRROR I/S FRT VAN-SUNSHADE, DRIVER, W/MIRROR, COVER, ILLUM, PASS, W/MIRROR, COVER, ILLUM	
DD8	MIRROR I/S R/V-LT SENSITIVE	
DMH	MIRROR I/S FRT VAN-SUNSHADE, DRIVER, W/MIRROR, COVER, ILLUM, PASS, W/MIRROR, COVER	
DT4	ASHTRAY-CIGARETTE LIGHTER	S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)
DWE	MIRROR O/S-LH and RH, RC, ELEC, HEAT, AUX WFOV/DRVR, MANFOLD, CNVX/PASS	S America2 - Andean (MAY), All Europe (MAE)
DWF	MIRROR O/S-LH and RH, RC, ELEC, HEAT, AUX WFOV/DRVR, PWRFOLD, CNVX/PASS	
DWY	MIRROR O/S-LH and RH, RC, ELEC, MANFOLD, AUX WFOV/DRVR, CNVX/PASS	India (MBF), S America2 - Andean (MAY), VietNam (MBL)
E30	ECM CONTROL MODULE WITH EDGE MOUNTED CONNECTORS	
E83	ECM CONTROL MODULE WITH FACE MOUNTED CONNECTORS	
FX3	RIDE AND HANDLING-AUTOMATIC ELECTRONIC CONTROLLED	S America2 - Andean (MAY), All Europe (MAE)
GENHATCH	Hatchback	
GENSEDAN	Notchback	
HATCHBACK	HATCHBACK	
J94	BRAKE SYSTEM-POWER, FRT DISC, RR DRUM, 15"	VietNam (MBL)
K27	Fuel Pump Control Module	
K34	CRUISE CONTROL-AUTOMATIC, ELECTRONIC	S America2 - Andean (MAY)
KA1	HEATER SEAT FRT-DRVR and PASS	
KC5	RECEPTACLE-ELECTRICAL, ACCESSORY	
KC7	RECEPTACLE-ELECTRICAL, RR SEAT	All Europe (MAE), VietNam (MBL)

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KL9	ENG CONTROL-STOP/START SYS	
KRE	FUEL RATING-OCTANE NO. 95	S America2 - Andean (MAY), All Europe (MAE)
KTA	AUDIO INTERFACE-	India (MBF)
KTB	AUDIO INTERFACE-WIRELESS	
L2W	ENGINE-GAS, 4 CYL, 1.6L, MFI, L4, DOHC, FAM 1, GEN S200, 80 KW, E20 MAX	
LAM	TBD	
LDD	TBD	
LDE	ENGINE-GAS, 4 CYL, 1.6L, MFI, DOHC, VVT, VARIABLE CAMSHAFT PHASING, VARIABLE INTAKE MODULE (VIM)	All Europe (MAE)
LFH	ENGINE-GAS, 4 CYL, 1.8L, MFI, E100 MAX	
LHD	VEHICLE DRIVE-LEFTHAND DRIVE	All Europe (MAE), VietNam (MBL)
LKR	TBD	
LLU	ENGINE-GAS, 4 CYL, 1.6L, MFI, DOHC, TURBO, PT-JV, 132KW	
LNP	ENGINE-DIESEL, 4 CYL, L4, 2.0L, CRI, DOHC, TURBO, 120 KW,	India (MBF), S America2 - Andean (MAY), All Europe (MAE)
LUD	ENGINE-DIESEL, 4 CYL, 1.7L, L4, CRI, DOHC, VGT, 96KW	
LUJ	ENGINE-GAS, 4 CYL, L4, 1.4L, MFI, DOHC, TURBO HO, ALUM, GME	
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX	
LXT	ENGINE-GAS, 4 CYL, 1.6L, MFI, DOHC, 80KW (GMDAT)	
LXV	TBD	
M26	TBD	
MF3	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 4.273 1ST, 2.158 2ND, 1.302 3RD, 0.959 4TH, 0.744 5TH, 0.614 6TH, M32-6 WR	
MFH	TRANSMISSION-MAN 5 SPD, D16 M/CR	ASEAN (-VietNam) (MBJ), S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)
MFV	TBD	
MH7	TRANSMISSION-AUTO 6 SPD, HMD, X23FHD	S America2 - Andean (MAY)
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F	

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MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F	S America2 - Andean (MAY), All Europe (MAE)
MSA	TRANSMISSION-MAN 5 SPD, D20 M/CR, 1ST 3.818, 5TH 0.868	
MYH	TRANSMISSION-MAN 6 SPD, 4.167 1ST, 2.208 2ND, 1.321 3RD, 0, 954 4TH, 0.755 5TH, 0.623 6TH F40-6 WR	
MYJ	TRANSMISSION-MAN 6 SPD, (F40-6, FWD) 1ST 4.167, SIXTH 0.623	S America2 - Andean (MAY), All Europe (MAE)
MZ0	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.74 6TH, (M32 WR)	
MZ4	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.615 6TH, (M32 WR)	All Europe (MAE)
NJ1	STEERING-POWER, NON-VARIABLE RATIO, ELECTRIC	All Europe (MAE)
NOTCHBACK	NOTCHBACK	
OJP	Outside Ambient Air Temperature Sensor	
RHD	VEHICLE DRIVE-RIGHTHAND DRIVE	ASEAN (-VietNam) (MBJ), India (MBF), S America2 - Andean (MAY), All Europe (MAE)
SPO	Special Part Option	
T39	LAMP-TURN SIGNAL, AUX	
T79	LAMP-FOG, RR	S America2 - Andean (MAY), All Europe (MAE)
T83	CONTROL, HEADLAMPS-AUTOMATIC ON-OFF	
TR6	CONTROL, HEADLAMPS-LEVELING SYSTEM, MANUAL	All Europe (MAE)
TRAILER	Trailer	
TS6	LAMP-STOP, HIGH LEVEL	
U05	TBD	
UAG	INFOTAINMENT DISPLAY-GRAPHIC INFO DISPLAY (GID), VAR 1	ASEAN (-VietNam) (MBJ), India (MBF), All Europe (MAE)
UD7	PARK ASSIST-REAR	S America2 - Andean (MAY)
UEC	SENSOR INDICATOR-AUTOMATIC AIR RECIRCULATION	
UFD	INFOTAINMENT DISPLAY-TIME, EXTERNAL TEMP, RADIO	All Europe (MAE), VietNam (MBL)
UH0	INDICATOR-SEAT BELT WARNING, LH	S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)

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UH1	INDICATOR-SEAT BELT WARNING, RH	ASEAN (-VietNam) (MBJ), India (MBF), S America2 - Andean (MAY), All Europe (MAE)
ULS	LOCK CONTROL-STEERING COLUMN	ASEAN (-VietNam) (MBJ), S America2 - Andean (MAY), All Europe (MAE), VietNam (MBL)
UQG	TBD	
UTJ	THEFT DETERENT-ELECTRICAL, UNAUTHORIZED ENTRY	
UTR	ALARM, HORN-CONTENT THEFT DETERENT, SELF POWERED	
UTU	SENSOR, VEHICLE-INCLINATION	
UVC	VISION-REAR VIEW	
UW6	SPEAKER SYSTEM-6, CUSTOM	S America2 - Andean (MAY), All Europe (MAE)
UZZ	RADIO-AM/FM STEREO, CD-ROM, CAF, RSA, MUSIC NAVIGATOR (GME/ME/TAIWAN VERSION)	
UDY	INFOTAINMENT DISPLAY-COLOR INFO DISPLAY (CID) 7", WVGA, TOUCH SCREEN	
UDK	INFOTAINMENT DISPLAY-COLOR INFO DISPLAY (CID) 7", QVGA	

MASTER ELECTRICAL SCHEMATIC ICONS

Icon	Icon Definition
	**WARNING:** **This vehicle is equipped with a Supplemental Inflatable Restraint (SIR) System. Failure to follow the correct procedure could cause the following conditions:** • **Air bag deployment** • **Personal injury** • **Unnecessary SIR system repairs** **In order to avoid the above conditions, observe the following guidelines:** • **Refer to SIR Component Views in order to determine if you are performing service on or near the SIR components or the SIR wiring.** • **If you are performing service on or near the SIR components or the SIR wiring, disable the SIR system.**

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	Refer to Disabling the SIR System.
	NOTE: **Twisted wires provide an effective shield that helps protect sensitive electronic components from electrical interference.** **In order to prevent electrical interference from degrading the performance of the connected components, you must maintain the proper specification when making any repairs to the twisted wires shown** • **The wires must be twisted a minimum of 10 turns per 31 cm (12 in) as measured anywhere along the length of the wires.** • **The outside diameter of the twisted wires must not exceed 6.0 mm (0.25 in).**

POWER DISTRIBUTION WIRING SCHEMATICS

B+ Bus (1 of 3)

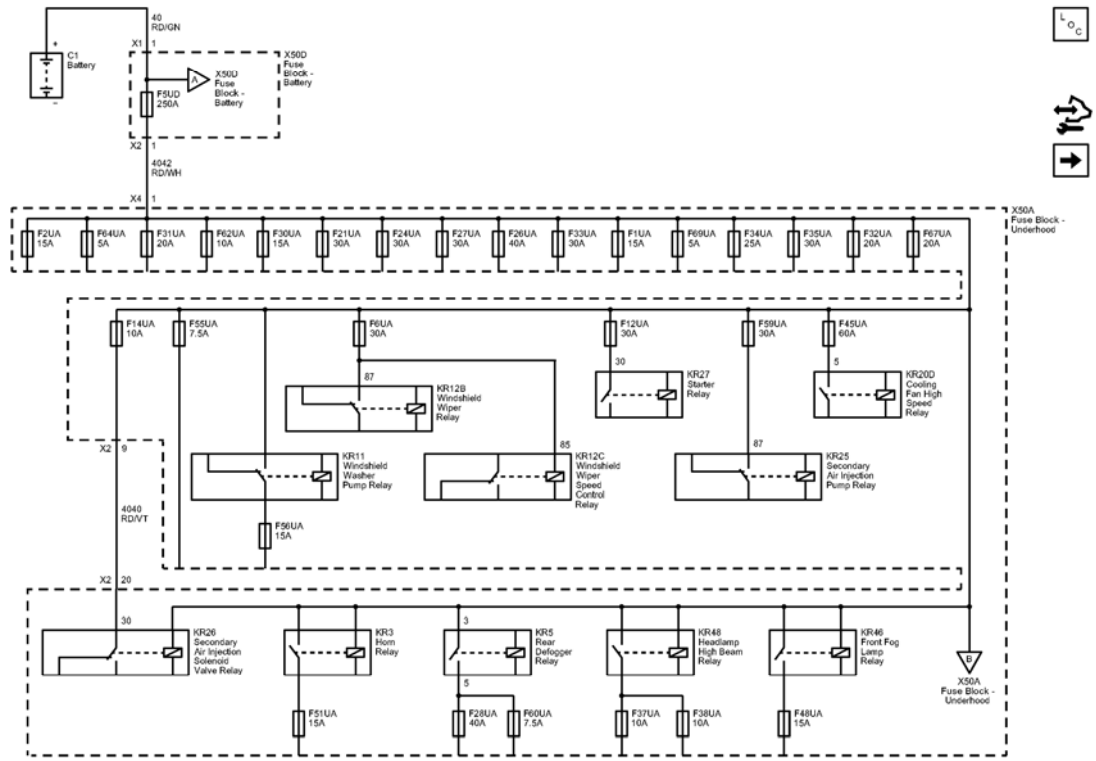


Fig. 20: B+ Bus (1 of 3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name

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4042	Battery Positive Voltage
4042_RD/WH	4042 RD/WH
CAV_1	1
CONN_X4	X4
CAV_1	1
CONN_X2	X2
40	Battery Positive Voltage
40_RD/GN	40 RD/GN
CAV_1	1
CONN_X1	X1
4040	Battery Positive Voltage
4040_RD/VT	4040 RD/VT
CAV 20	20
CONN_X2	X2
CAV_9	9
CONN_X2	X2
CAV_87	87
CAV_85	85
CAV_30	30
CAV_87	87
CAV_5	5
CAV_30	30
CAV_3	3
CAV_5	5
A_REF	A
F5UD	F5UD 250A
F2UA	F2UA 15A
F64UA	F64UA 5A
F31UA	F31UA 20A
F62UA	F62UA 10A
F30UA	F30UA 15A
F21UA	F21UA 30A
F24UA	F24UA 30A
F27UA	F27UA 30A
F26UA	F26UA 40A
F33UA	F33UA 30A
F1UA	F1UA 15A
F69UA	F69UA 5A
F34UA	F34UA 25A
F35UA	F35UA 30A
F32UA	F32UA 20A
F37UA	

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	F67UA 20A
F14UA	F14UA 10A
F55UA	F55UA 7.5A
F6UA	F6UA 30A
F12UA	F12UA 30A
F59UA	F59UA 30A
F45UA	F45UA 60A
F56UA	F56UA 15A
F51UA	F51UA 15A
F28UA	F28UA 40A
F60UA	F60UA 7.5A
F37UA	F37UA 10A
F38UA	F38UA 10A
F48UA	F48UA 15A
C1	
KR11	
KR27	
KR3	
KR5	
KR48	
KR46	
X50A	
X50A	
KR20D	
KR12B	
KR12C	
X50D	
X50D	
KR25	
KR26	

B+ Bus (2 of 3)

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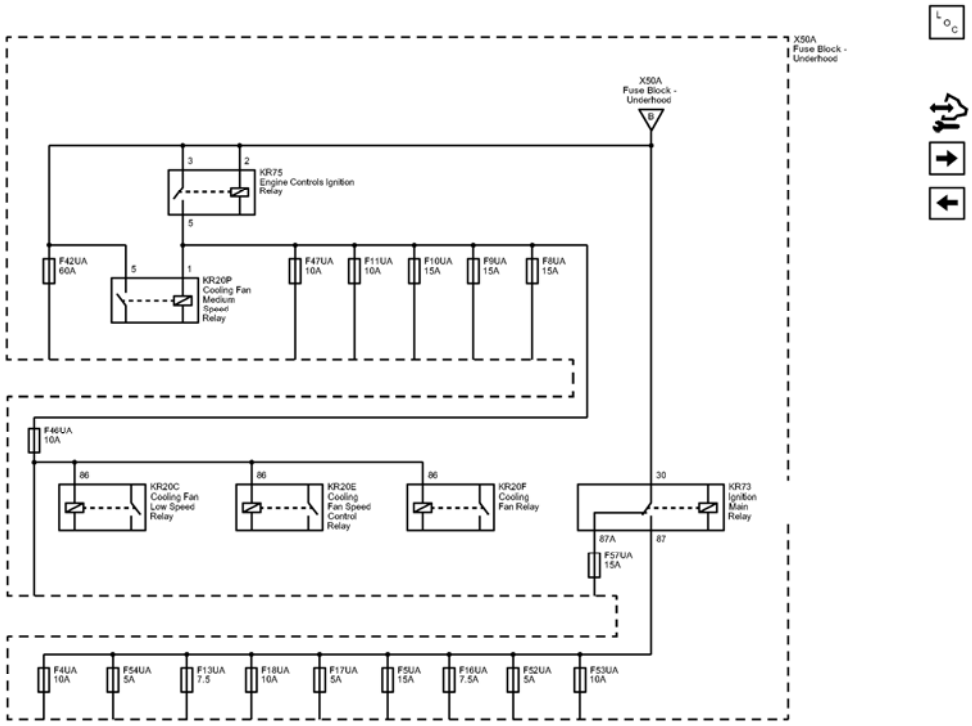


Fig. 21: B+ Bus (2 of 3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_86	86
CAV 86	86
CAV_86	86
CAV_87A	87A
CAV_87	87
CAV_30	30
CAV_5	5
CAV_1	1
CAV_5	5
CAV_2	2
CAV_3	3
F42UA	F42UA 60A
F47UA	F47UA 10A
F11UA	F11UA 10A
F10UA	F10UA 15A
F9UA	F9UA 15A
F8UA	F8UA 15A

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F46UA	F46UA 10A
F57UA	F57UA 15A
F53UA	F53UA 10A
F52UA	F52UA 5A
F16UA	F16UA 7.5A
F5UA	F5UA 15A
F17UA	F17UA 5A
F18UA	F18UA 10A
F13UA	F13UA 7.5
F54UA	F54UA 5A
F4UA	F4UA 10A
B_REF	B
X50A	
X50A	
KR73	
KR20E	
KR20F	
KR20P	
KR20C	
KR75	

B+ Bus (3 of 3)

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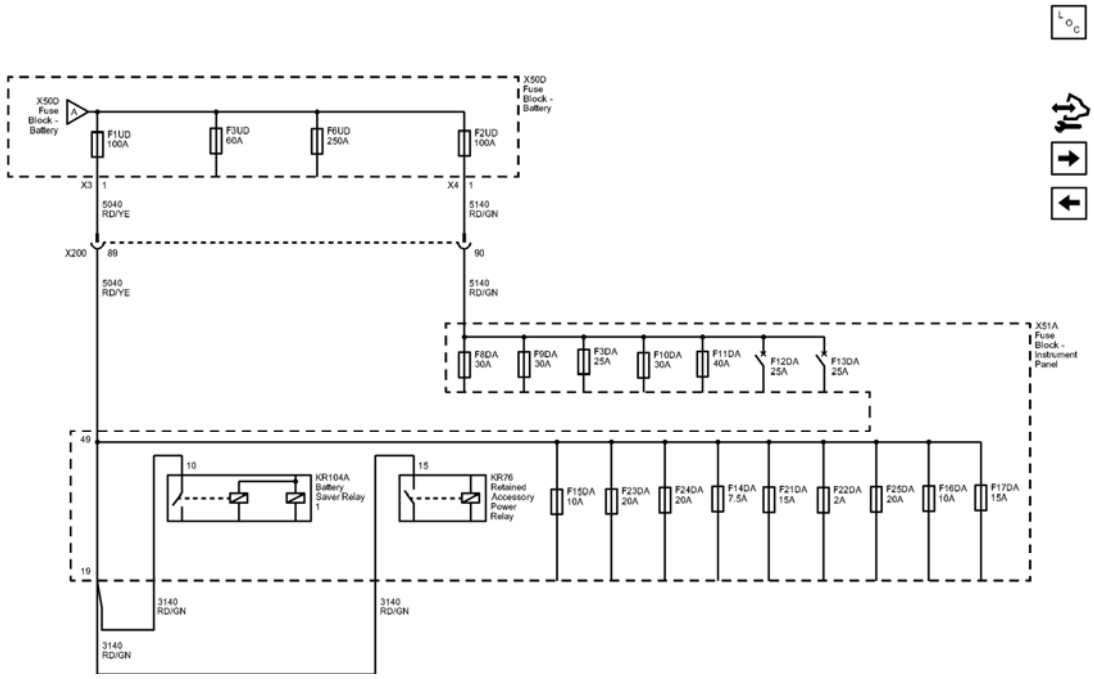


Fig. 22: B+ Bus (3 of 3)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
5040	Battery Positive Voltage
5040 RD/YE	5040 RD/YE
CAV_1	1
CONN_X3	X3
5040_RD/YE	5040 RD/YE
5140	Battery Positive Voltage
5140_RD/GN	5140 RD/GN
CAV_1	1
CONN_X4	X4
5140_RD/GN	5140 RD/GN
3140	Battery Positive Voltage
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
CAV_19	19
3140_RD/GN	3140 RD/GN
CAV_10	10
CAV_49	49

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CAV_15	15
X200	X200
CAV_89	89
CAV_90	90
A_REF	A
F1UD	F1UD 100A
F3UD	F3UD 60A
F6UD	F6UD 250A
F2UD	F2UD 100A
F23DA	F23DA 20A
F15DA	F15DA 10A
F24DA	F24DA 20A
F14DA	F14DA 7.5A
F21DA	F21DA 15A
F22DA	F22DA 2A
F25DA	F25DA 20A
F16DA	F16DA 10A
F17DA	F17DA 15A
F8DA	F8DA 30A
F9DA	F9DA 30A
F3DA	F3DA 25A
F10DA	F10DA 30A
F11DA	F11DA 40A
F13DA	F13DA 25A
F12DA	F12DA 25A
X200	X200
X51A	
X50D	
X50D	
KR104A	
KR76	

F2UA, F21UA, F25UA, F27UA, F31UA, F32UA, F34UA, F35UA, F69UA, and F70UA Fuses

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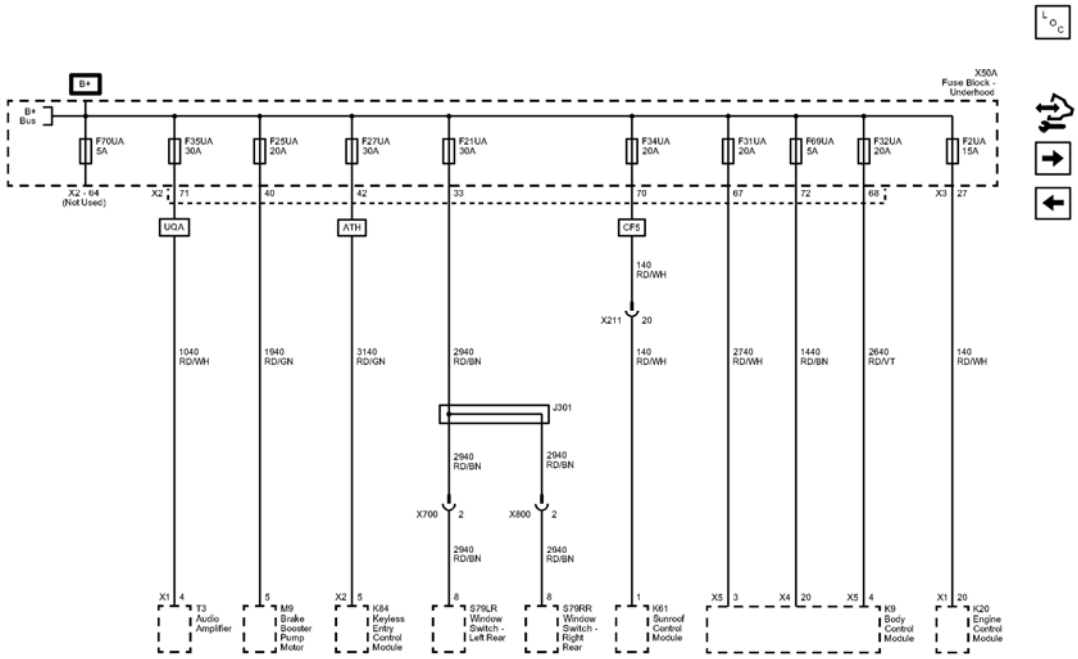


Fig. 23: F2UA, F21UA, F25UA, F27UA, F31UA, F32UA, F34UA, F35UA, F69UA, and F70UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1040	Battery Positive Voltage
1040 RD/WH	1040 RD/WH
CAV_4	4
CONN_X1	X1
CAV_71	71
CONN_X2	X2
1940	Battery Positive Voltage
1940_RD/GN	1940 RD/GN
CAV_5	5
CAV_40	40
3140	Battery Positive Voltage
3140_RD/GN	3140 RD/GN
CAV_5	5
CONN_X2	X2
CAV_42	42
2940	Battery Positive Voltage
2940_RD/BN	2940 RD/BN

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CAV_8	8
CAV_33	33
CAV_8	8
140	Battery Positive Voltage
140_RD/WH	140 RD/WH
CAV_1	1
CAV_70	70
2740	Battery Positive Voltage
2740_RD/WH	2740 RD/WH
CAV_3	3
CONN_X5	X5
CAV_67	67
1440	Battery Positive Voltage
1440_RD/BN	1440 RD/BN
CAV_20	20
CONN_X4	X4
CAV_72	72
2640	Battery Positive Voltage
2640_RD/VT	2640 RD/VT
CAV_4	4
CONN_X5	X5
CAV_68	68
140_RD/WH	140 RD/WH
CAV_20	20
CONN_X1	X1
CAV_27	27
CONN_X3	X3
2940 RD/BN	2940 RD/BN
2940_RD/BN	2940 RD/BN
2940 RD/BN	2940 RD/BN
2940_RD/BN	2940 RD/BN
140_RD/WH	140 RD/WH
UQA	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH AMPLIFIER
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
CF5	ROOF-SUN, GLASS, SLIDING, ELEC
CAV_2	2
CAV_2	2
CAV_20	20
J301	J301

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X700	X700
X800	X800
X211	X211
F70UA	F70UA 5A
F35UA	F35UA 30A
F25UA	F25UA 20A
F27UA	F27UA 30A
F21UA	F21UA 30A
F34UA	F34UA 20A
F31UA	F31UA 20A
F69UA	F69UA 5A
F32UA	F32UA 20A
F2UA	F2UA 15A
S79LR	
S79RR	
K61	(CF5)
K20	
K9	
T3	(UQA)
M9	
X50A	
K84	(ATH)

F1UA, F26UA, F30UA, F33UA, F55UA, F64UA, and F67UA Fuses

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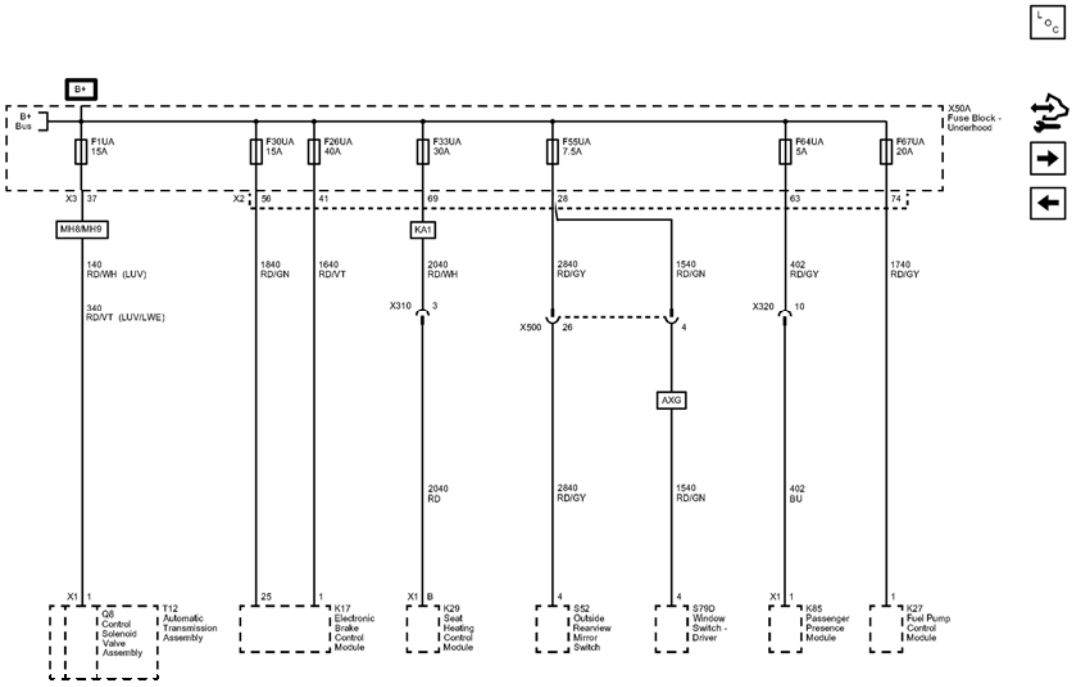


Fig. 24: F1UA, F26UA, F30UA, F33UA, F55UA, F64UA, and F67UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
140	Battery Positive Voltage
140 RD/WH	140 RD/WH
CAV_37	37
CONN_X3	X3
CAV_1	1
CONN_X1	X1
1840	Battery Positive Voltage
1840_RD/GN	1840 RD/GN
CAV_25	25
CAV_56	56
CONN_X2	X2
1640	Battery Positive Voltage
1640_RD/VT	1640 RD/VT
CAV_1	1
CAV_41	41
2040	Battery Positive Voltage
2040_RD/WH	2040 RD/WH

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CAV_69	69
2040_RD	2040 RD
CAV_B	B
CONN_X1	X1
1540	Battery Positive Voltage
1540_RD/GN	1540 RD/GN
CAV_4	4
2840	Battery Positive Voltage
2840_RD/GY	2840 RD/GY
CAV_4	4
CAV_28	28
402	Battery Positive Voltage
402 RD/GY	402 RD/GY
CAV_63	63
402_BU	402 BU
CAV_1	1
CONN_X1	X1
1740	Battery Positive Voltage
1740_RD/GY	1740 RD/GY
CAV_1	1
CAV_74	74
1540_RD/GN	1540 RD/GN
2840_RD/GY	2840 RD/GY
340_RD/VT	340 RD/VT
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
KA1	HEATER SEAT FRT-DRVR and PASS
AXG	WINDOW-POWER OPERATED-EXPRESS DRIVER UP/DOWN
CAV_3	3
CAV_10	10
X500	X500
CAV_26	26
CAV_4	4
F1UA	F1UA 15A
F30UA	F30UA 15A

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F26UA	F26UA 40A
F33UA	F33UA 30A
F55UA	F55UA 7.5A
F64UA	F64UA 5A
F67UA	F67UA 20A
X310	X310
X320	X320
X500	X500
X50A	
S79D	
S52	
K29	(KA1)
K17	
K27	
Q8	(MH8/MH9)
T12	(MH8/MH9)
K85	Passenger Presence Module

F5UB, F6UB, F14UA, F24UA, F45UA, and F48UA Fuses

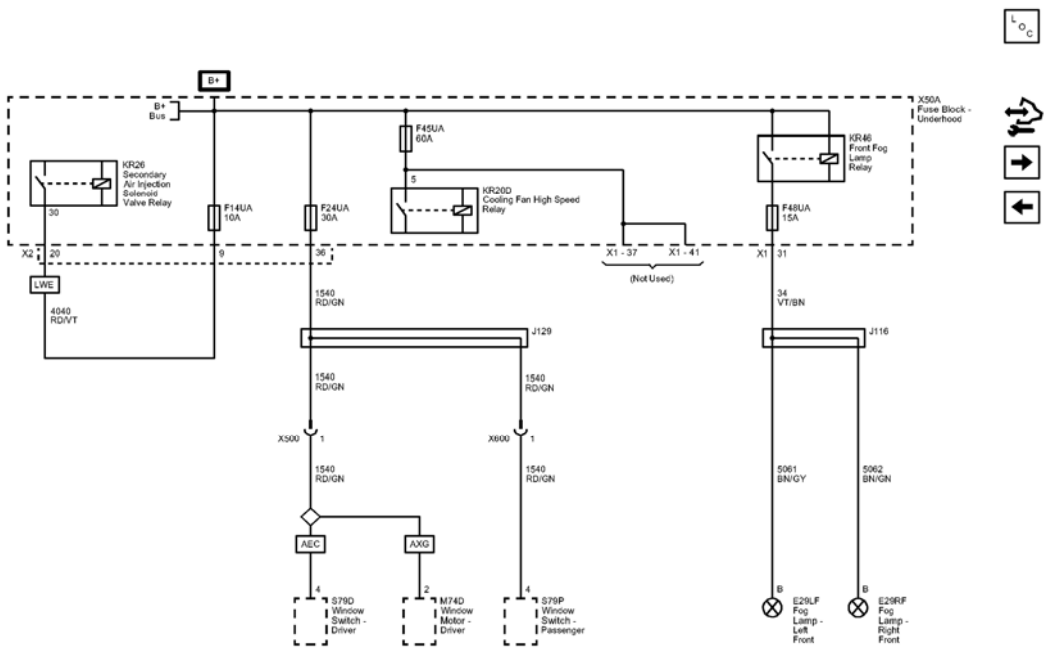


Fig. 25: F5UB, F6UB, F14UA, F24UA, F45UA, and F48UA Fuses

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Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
4040	Battery Positive Voltage
4040 RD/VT	4040 RD/VT
CAV_9	9
CAV 20	20
CONN_X2	X2
1540	Battery Positive Voltage
CAV_4	4
CAV_36	36
1540_RD/GN	1540 RD/GN
CAV_4	4
CAV_2	2
1540_RD/GN	1540 RD/GN
1540_RD/GN	1540 RD/GN
1540_RD/GN	1540 RD/GN
1540_RD/GN	1540 RD/GN
34	Front Fog Lamp Supply Voltage
34_VT/BN	34 VT/BN
CAV_31	31
CONN X1	X1
5061	Left Front Fog Lamp Supply Voltage
5061_BN/GY	5061 BN/GY
CAV_B	B
5062	Right Front Fog Lamp Supply Voltage
5062_BN/GN	5062 BN/GN
CAV_B	B
CAV_30	30
CAV_5	5
AEC	WINDOW-POWER OPERATED, DRIVER EXPRESS DOWN
AXG	WINDOW-POWER OPERATED-EXPRESS DRIVER UP/DOWN
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
CAV_1	1
CAV_1	1
J129	J129
J116	J116
F14UA	F14UA 10A
F24UA	F24UA 30A

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F45UA	F45UA 60A
F48UA	F48UA 15A
X500	X500
X600	X600
S79D	
M74D	
E29LF	(T3U)
E29RF	(T3U)
KR46	
X50A	
KR26	
S79P	
KR20D	

F3DA, F3UD, F6UD, F8DA, F9DA, F10DA, F11DA, and F16DA Fuses

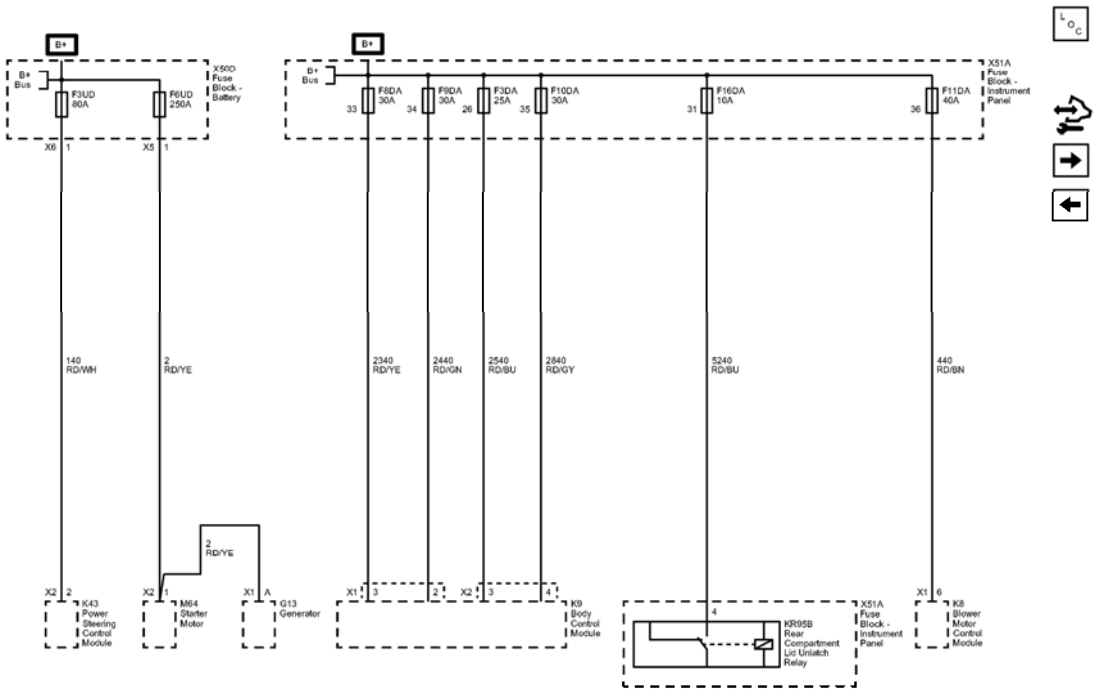


Fig. 26: F3DA, F3UD, F6UD, F8DA, F9DA, F10DA, F11DA, and F16DA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_33	33

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CAV_34	34
CAV_26	26
CAV_35	35
CAV_31	31
CAV_36	36
140	Battery Positive Voltage
140_RD/WH	140 RD/WH
CAV_2	2
CONN_X2	X2
CAV_1	1
CONN_X6	X6
2	TBD
2 RD/YE	2 RD/YE
CAV_1	1
CONN_X2	X2
CAV_1	1
CONN_X5	X5
2340	Battery Positive Voltage
2340_RD/YE	2340 RD/YE
CAV_3	3
CONN_X1	X1
2440	Battery Positive Voltage
2440_RD/GN	2440 RD/GN
CAV_2	2
2540	Battery Positive Voltage
2540_RD/BU	2540 RD/BU
CAV_3	3
CONN X2	X2
2840	Battery Positive Voltage
2840 RD/GY	2840 RD/GY
CAV_4	4
5240	Battery Positive Voltage
5240_RD/BU	5240 RD/BU
440	Battery Positive Voltage
440_RD/BN	440 RD/BN
CAV_6	6
CONN_X1	X1
2_RD/YE	2 RD/YE
CAV_A	A
CONN_X1	X1
CAV_4	4

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	F3UD 80A
F6UD	F6UD 250A
F8DA	F8DA 30A
F9DA	F9DA 30A
F3DA	F3DA 25A
F10DA	F10DA 30A
F16DA	F16DA 10A
F11DA	F11DA 40A
G13	
M64	
K8	
K43	
X51A	
X51A	
X50D	
K9	
KR95B	

F12DA and F13DA Circuit Breakers, and F14DA, F15DA, F17DA, F21DA, F23DA, F24DA, and F25DA Fuses

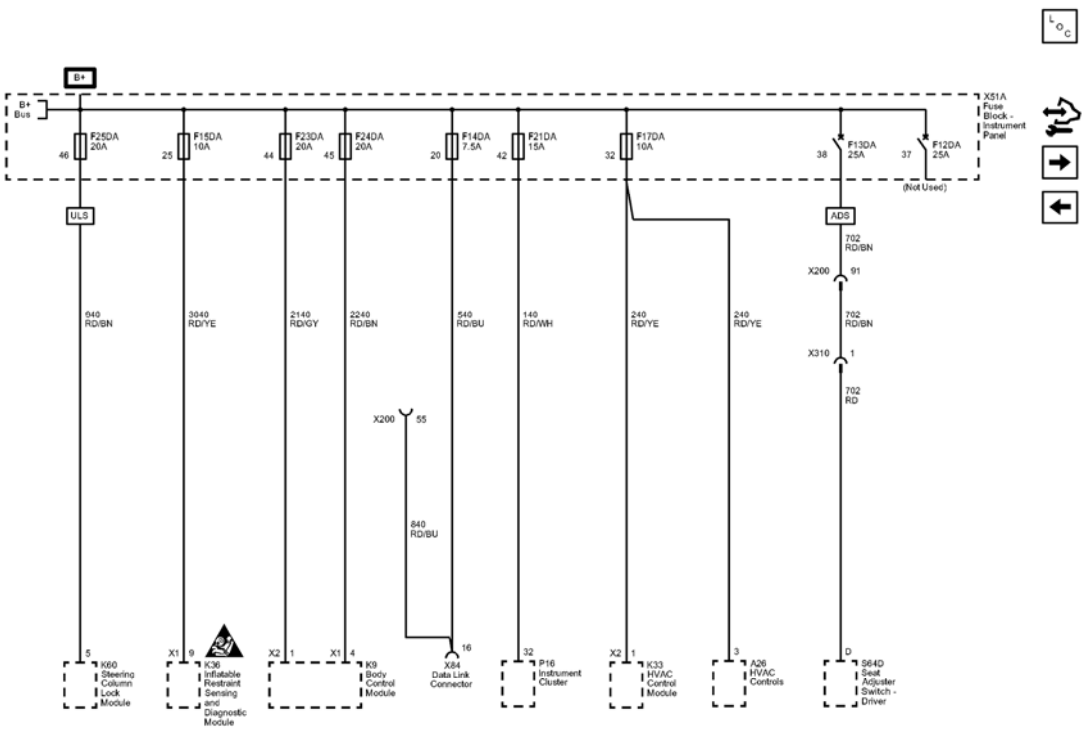


Fig. 27: F12DA and F13DA Circuit Breakers, and F14DA, F15DA, F17DA, F21DA, F23DA, F24DA, and

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F25DA Fuses
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Callout	Component Name
940_RD/BN	940 RD/BN
CAV_5	5
3040	Battery Positive Voltage
3040_RD/YE	3040 RD/YE
CAV_9	9
CONN_X1	X1
2140	Battery Positive Voltage
2140_RD/GY	2140 RD/GY
CAV_1	1
CONN_X2	X2
2240	Battery Positive Voltage
2240_RD/BN	2240 RD/BN
CAV_4	4
CONN_X1	X1
540	Battery Positive Voltage
540_RD/BU	540 RD/BU
840	Battery Positive Voltage
840_RD/BU	840 RD/BU
140	Battery Positive Voltage
140_RD/WH	140 RD/WH
CAV_32	32
240	Battery Positive Voltage
240_RD/YE	240 RD/YE
CAV_1	1
CONN_X2	X2
240_RD/YE	240 RD/YE
CAV_3	3
702	Battery Positive Voltage
702_RD/BN	702 RD/BN
CAV_D	D
702_RD/BN	702 RD/BN
702_RD	702 RD
CAV_91	91
CAV_1	1
CAV_32	32
CAV_42	42
CAV_20	20

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CAV_45	45
CAV_44	44
CAV_25	25
CAV_46	46
ULS	STEERING COLUMN LOCK-MECHANICAL
ADS	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, RECLINER MANUAL, DRIVER
CAV_38	38
CAV_37	37
CAV_16	16
CAV_55	55
X200	X200
X310	X310
F13DA	F13DA 25A
F12DA	F12DA 25A
F17DA	F17DA 10A
F21DA	F21DA 15A
F14DA	F14DA 7.5A
F24DA	F24DA 20A
F23DA	F23DA 20A
F15DA	F15DA 10A
F25DA	F25DA 20A
X200	X200
K36	
K9	
P16	
K33	
X51A	
S64D	(ADS)
X84	
K60	(ULS)
A26	

Ignition Switch and Fuse F22DA (without BTM)

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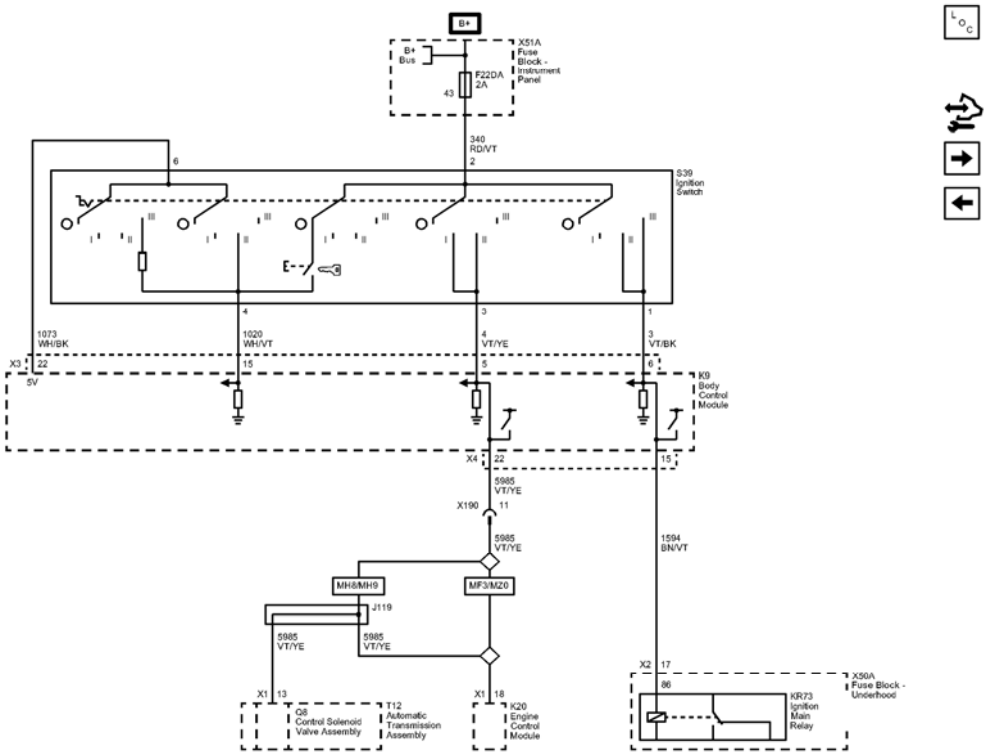


Fig. 28: Ignition Switch and Fuse F22DA (without BTM)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_43	43
340	Battery Positive Voltage
340_RD/VT	340 RD/VT
CAV_2	2
1073	Ignition Key Resistor Signal
1073_WH/BK	1073 WH/BK
CAV_22	22
CONN_X3	X3
CAV_6	6
1020	Off/Run/Crank Voltage
1020_WH/VT	1020 WH/VT
CAV_15	15
CAV_4	4
4	Accessory Voltage
4_VT/YE	4 VT/YE
CAV_5	5
CAV_3	3

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3	Run/Crank Ignition 1 Voltage
3_VT/BK	3 VT/BK
CAV_6	6
CAV_1	1
1594	Ignition 3 Relay Control
1594_BN/VT	1594 BN/VT
CAV_17	17
CONN_X2	X2
CAV_15	15
CAV_86	86
5985	Accessory Wakeup Serial Data
5985_VT/YE	5985 VT/YE
CAV_18	18
CONN_X1	X1
CAV_22	22
CONN_X4	X4
5985_VT/YE	5985 VT/YE
CAV_11	11
5985_VT/YE	5985 VT/YE
5985_VT/YE	5985 VT/YE
CAV_13	13
CONN_X1	X1
MF3	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 4.273 1ST, 2.158 2ND, 1.302 3RD, 0.959 4TH, 0.744 5TH, 0.614 6TH, M32-6 WR
MZ0	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.74 6TH, (M32 WR)
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
F22DA	F22DA 2A
X190	X190
J119	J119
S39	(without BTM)
KR73	
X50A	
K9	
X51A	
K20	
T12	(MH8/MH9)
Q8	(MH8/MH9)

Ignition Switch and Fuse F22DA (BTM)

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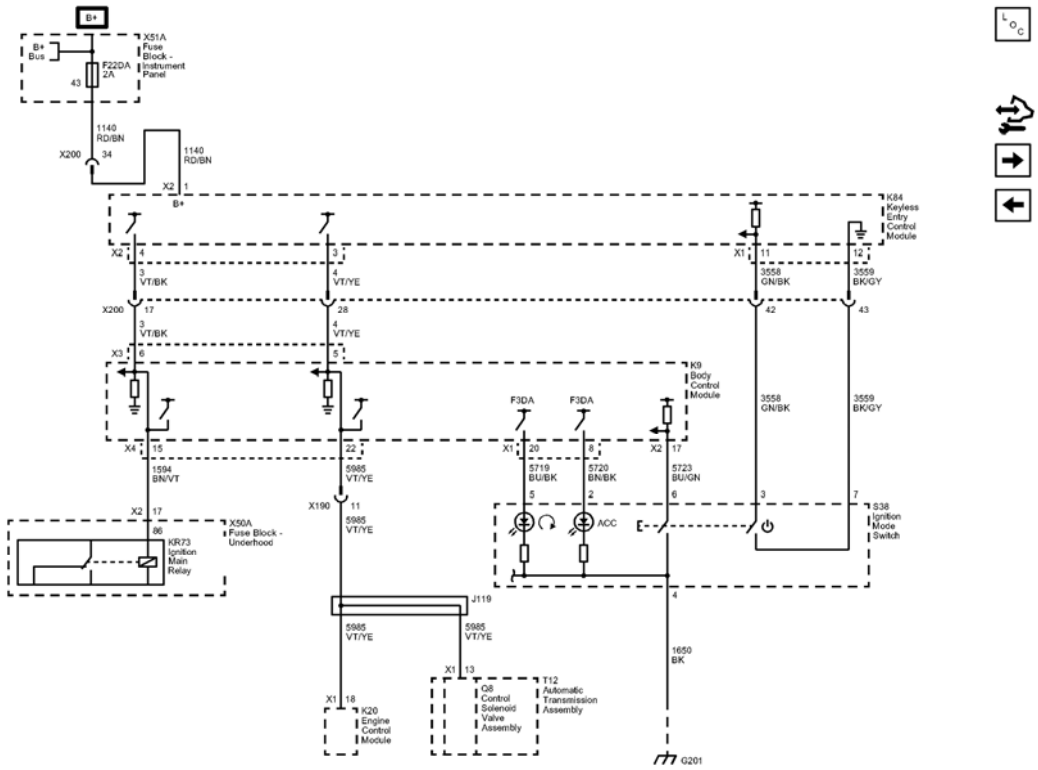


Fig. 29: Ignition Switch and Fuse F22DA (BTM)
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_43	43
1140	Battery Positive Voltage
1140_RD/BN	1140 RD/BN
CAV_1	1
CONN_X2	X2
3	Run/Crank Ignition 1 Voltage
3_VT/BK	3 VT/BK
CAV_6	6
CONN_X3	X3
CAV_4	4
CONN_X2	X2
4	Accessory Voltage
4_VT/YE	4 VT/YE
CAV_5	5
CAV_3	3
3558	Passive Start Switch Signal 2
3558_GN/BK	3558 GN/BK

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CAV_3	3
CAV_11	11
CONN_X1	X1
3559	Passive Start Switch 2 Low Reference
3559_BK/GY	3559 BK/GY
CAV_7	7
CAV_12	12
5723	Ignition Mode Switch Mode Voltage
5723_BU/GN	5723 BU/GN
CAV_6	6
CAV_17	17
CONN_X2	X2
5720	Ignition Mode Switch Accessory LED Signal
5720_BN/BK	5720 BN/BK
CAV_2	2
CAV_8	8
5719	Ignition Mode Switch Start LED Signal
5719_BU/BK	5719 BU/BK
CAV_5	5
CAV_20	20
CONN_X1	X1
1594	Ignition 3 Relay Control
1594_BN/VT	1594 BN/VT
CAV_17	17
CONN_X2	X2
CAV_15	15
CONN_X4	X4
5985	Accessory Wakeup Serial Data
5985_VT/YE	5985 VT/YE
CAV_18	18
CONN_X1	X1
CAV_22	22
5985_VT/YE	5985 VT/YE
CAV_13	13
CONN_X1	X1
1650	Ground
1650_BK	1650 BK
CAV_4	4
1140_RD/BN	1140 RD/BN
CAV_34	34
3_VT/BK	3 VT/BK

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	4 VT/YE
3558_GN/BK	3558 GN/BK
3559_BK/GY	3559 BK/GY
5985_VT/YE	5985 VT/YE
5985_VT/YE	5985 VT/YE
CAV_11	11
CAV_86	86
X200	X200
CAV_17	17
CAV_28	28
CAV_42	42
CAV_43	43
G201	G201
F22DA	F22DA 2A
F3DA	F3DA
F3DA	F3DA
X200	X200
X190	X190
J119	J119
X200	X200
X51A	
K84	(ATH)
K9	
KR73	
X50A	
S38	(BTM)
Q8	(MH8/MH9)
T12	(MH8/MH9)
K20	

F47UA, F59UA, and F62UA Fuses

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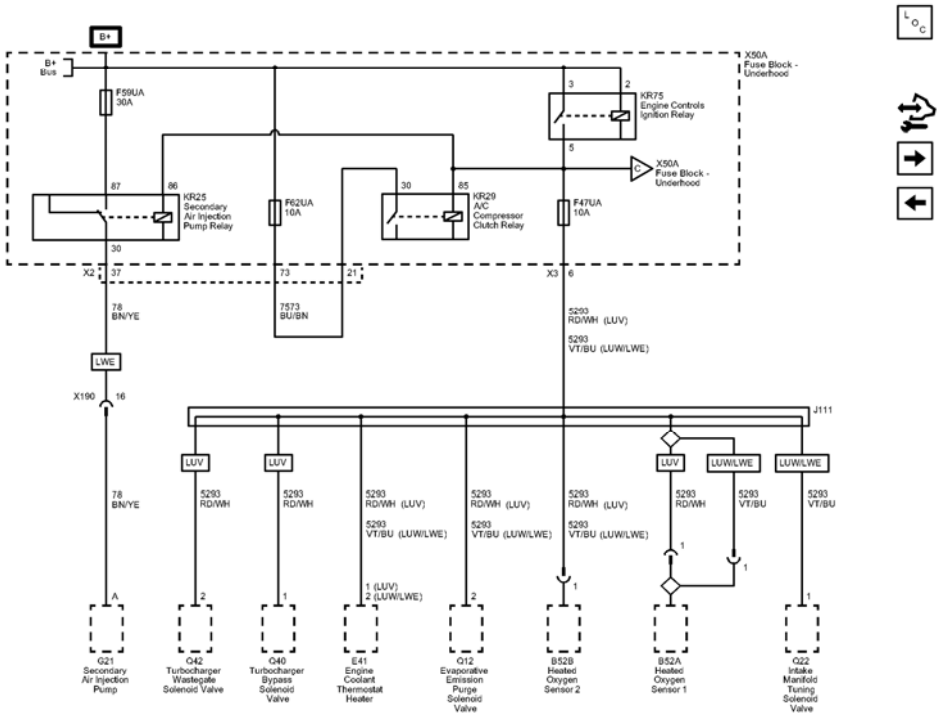


Fig. 30: F47UA, F59UA, and F62UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_87	87
CAV_86	86
CAV_30	30
CAV_30	30
CAV_85	85
CAV_5	5
CAV_3	3
CAV_2	2
78	Air Injection Reaction Pump Supply Voltage
78_BN/YE	78 BN/YE
CAV_A	A
CAV_37	37
CONN_X2	X2
7573	Electric Variable Displacement Supply
7573_BU/BN	7573 BU/BN
CAV_21	21
CAV_73	73

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5293	Powertrain Main Relay Fused Supply (4)
5293_RD/WH	5293 RD/WH
CAV_6	6
CONN_X3	X3
5293_RD/WH	5293 RD/WH
CAV_2	2
5293_RD/WH	5293 RD/WH
CAV_1	1
5293_RD/WH	5293 RD/WH
CAV_2	2
5293_RD/WH	5293 RD/WH
CAV_2	2
5293 RD/WH	5293 RD/WH
5293_VT/BU	5293 VT/BU
CAV_1	1
5293_VT/BU	5293 VT/BU
5293_VT/BU	5293 VT/BU
5293_VT/BU	5293 VT/BU
5293_VT/BU	5293 VT/BU
CAV_1	1
CAV_1	1
CAV_1	1
CAV_1	1
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX

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LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
5293_RD/WH	5293 RD/WH
5293_VT/BU	5293 VT/BU
78_BN/YE	78 BN/YE
CAV 16	16
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
F59UA	F59UA 30A
F62UA	F62UA 10A
F47UA	F47UA 10A
X190	X190
J111	J111
C_REF	C
KR29	
X50A	
X50A	
B52A	
B52B	
Q12	
Q22	(LUW/LWE)

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E41	
Q42	(LUV)
Q40	(LUV)
G21	
KR25	
KR75	

F8UA, F9UA, F10UA, and F11UA Fuses

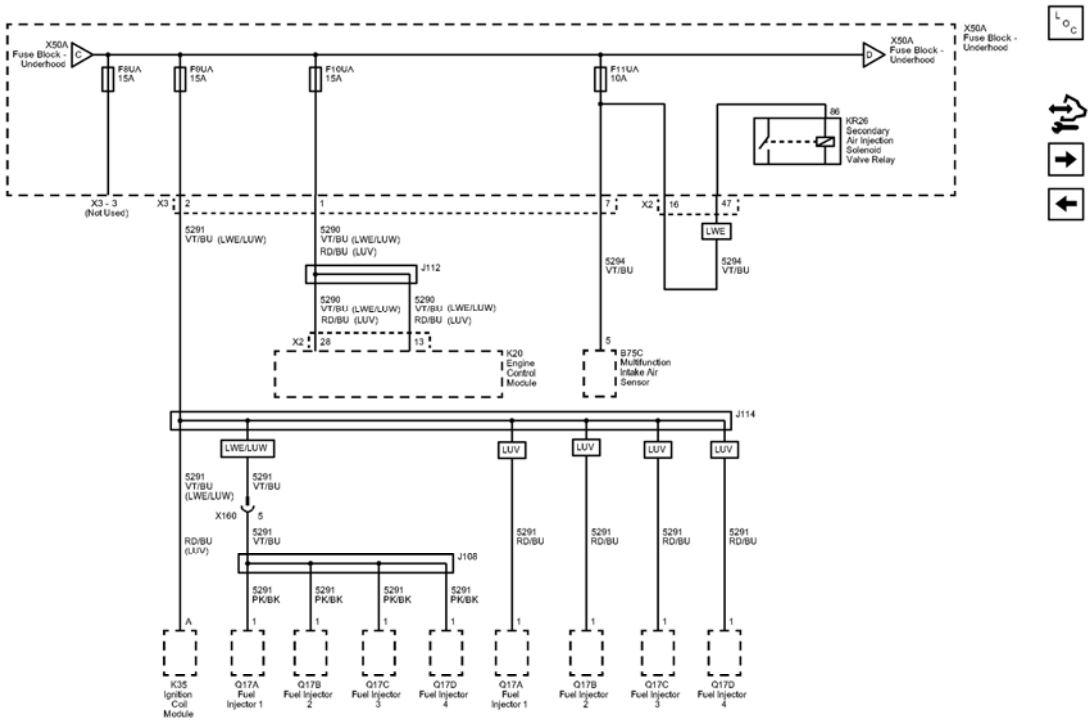


Fig. 31: F8UA, F9UA, F10UA, and F11UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
X3_-_3	X3 - 3
5291	Powertrain Main Relay Fused Supply (2)
5291_VT/BU	5291 VT/BU
CAV_A	A
CAV_2	2
CONN_X3	X3
5291_VT/BU	5291 VT/BU
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103

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	KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
RD/BU	RD/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
5290	Powertrain Main Relay Fused Supply (1)
5290_VT/BU	5290 VT/BU
CAV_28	28
CONN_X2	X2
5290_VT/BU	5290 VT/BU
RD/BU	RD/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
RD/BU	RD/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
CAV_1	1
5290_VT/BU	5290 VT/BU
CAV_13	13
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
RD/BU	RD/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
5294	Powertrain Main Relay Fused Supply (5)
5294_VT/BU	5294 VT/BU
CAV_16	16
CONN_X2	X2

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CAV_47	47
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
5294 VT/BU	5294 VT/BU
CAV_5	5
CAV_86	86
5291_VT/BU	5291 VT/BU
CAV_1	1
5291_VT/BU	5291 VT/BU
5291_PK/BK	5291 PK/BK
5291_PK/BK	5291 PK/BK
CAV_1	1
5291_PK/BK	5291 PK/BK
CAV_1	1
5291_PK/BK	5291 PK/BK
CAV_1	1
CAV_5	5
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
5291 RD/BU	5291 RD/BU
CAV_1	1
5291_RD/BU	5291 RD/BU
CAV_1	1
5291_RD/BU	5291 RD/BU
CAV_1	1
5291_RD/BU	5291 RD/BU
CAV_1	1
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
CAV_7	7
C_REF	C
D_REF	D
F8UA	F8UA 15A
F9UA	F9UA 15A

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J112	J112
F11UA	F11UA 10A
F10UA	F10UA 15A
X160	X160
J114	J114
J108	J108
X50A	
K20	
Q17A	
Q17B	
Q17C	
Q17D	
X50A	
X50A	
Q17A	
Q17B	
Q17C	
Q17D	
K35	
KR26	
B75C	

F42UA and F46UA Fuses

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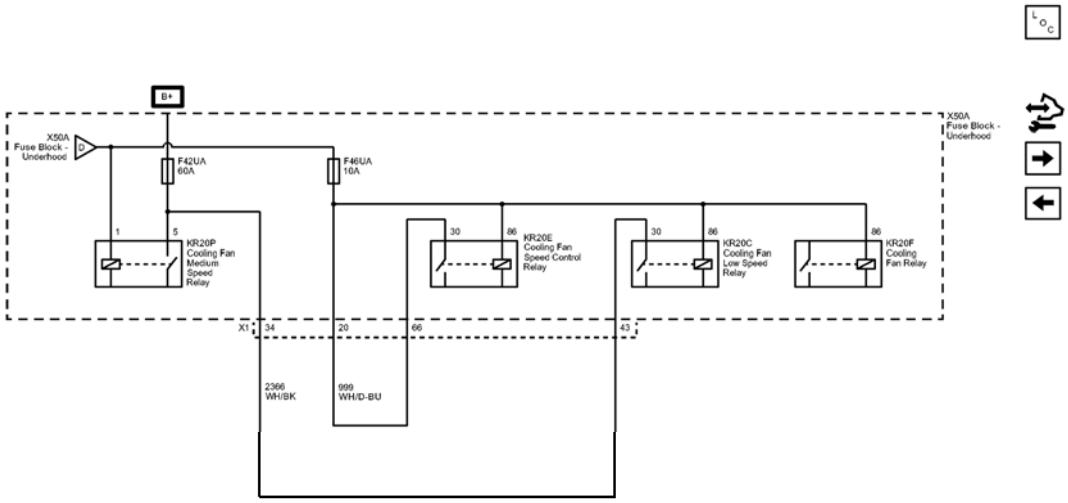


Fig. 32: F42UA and F46UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2366	Cooling Fan Control Relay Speed Signal
CAV 43	43
CAV_34	34
CONN_X1	X1
999_WH/D-BU	999 WH/D-BU
CAV_66	66
CAV_20	20
2366_WH/BK	2366 WH/BK
CAV_1	1
CAV_5	5
CAV_30	30
CAV_86	86
CAV_30	30
CAV_86	86
CAV_86	86
F42UA	F42UA 60A
F46UA	F46UA 10A

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D_REF	D
X50A	
KR20F	
X50A	
KR20P	
KR20C	
KR20E	

F16UA, F17UA, F18UA, F20UA, F52UA, F54UA, and F57UA Fuses

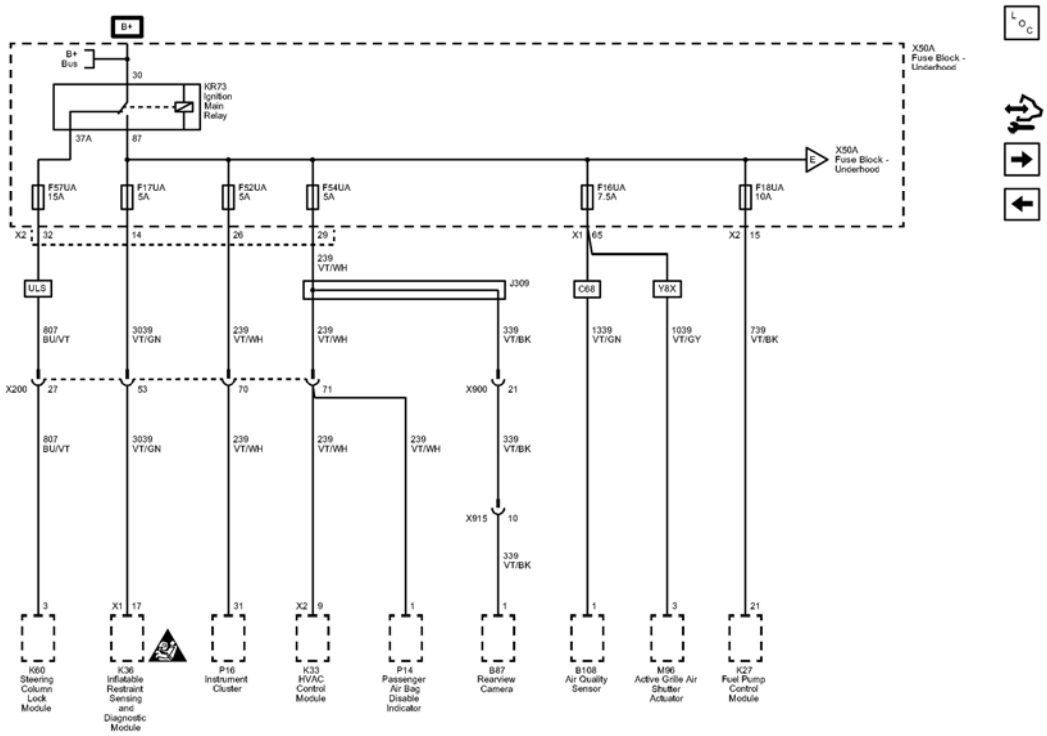


Fig. 33: F16UA, F17UA, F18UA, F20UA, F52UA, F54UA, and F57UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
739	Run/Crank Ignition 1 Voltage
739_VT/BK	739 VT/BK
CAV_21	21
CAV_15	15
CONN_X2	X2
1339	Run/Crank Ignition 1 Voltage
1339_VT/GN	1339 VT/GN

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CAV_1	1
CAV_65	65
CONN_X1	X1
1039	Run/Crank Ignition 1 Voltage
1039_VT/GY	1039 VT/GY
CAV_3	3
339	Run/Crank Ignition 1 Voltage
339_VT/BK	339 VT/BK
CAV_1	1
339_VT/BK	339 VT/BK
339_VT/BK	339 VT/BK
239	Run/Crank Ignition 1 Voltage
239 VT/WH	239 VT/WH
CAV_9	9
CONN_X2	X2
CAV_29	29
239_VT/WH	239 VT/WH
239_VT/WH	239 VT/WH
239_VT/WH	239 VT/WH
CAV_1	1
CAV_21	21
CAV_10	10
239_VT/WH	239 VT/WH
CAV_31	31
CAV_26	26
239_VT/WH	239 VT/WH
3039	Run/Crank Ignition 1 Voltage
3039 VT/GN	3039 VT/GN
CAV_17	17
CONN X1	X1
CAV_14	14
3039_VT/GN	3039 VT/GN
807	OFF /Accessory Voltage
807_BU/VT	807 BU/VT
CAV_3	3
CAV_32	32
CONN_X2	X2
807_BU/VT	807 BU/VT
CAV_37A	37A
CAV_87	87
CAV_30	30

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	STEERING COLUMN LOCK-MECHANICAL
C68	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO, ELECTRONIC CONTROLS
Y8X	MODEL CONVERSION-ENGINE IMPROVEMENT
X200	X200
CAV_70	70
CAV_53	53
CAV_27	27
CAV_71	71
E_REF	E
X900	X900
X915	X915
F57UA	F57UA 15A
F17UA	F17UA 5A
F52UA	F52UA 5A
F54UA	F54UA 5A
F16UA	F16UA 7.5A
F18UA	F18UA 10A
J309	J309
X200	X200
B108	(C68)
K33	
P16	
X50A	
KR73	
X50A	
K27	
K36	
P14	
M96	(Y8K)
K60	(ULS)
B87	(UVC)

F5UA, F13UA, F53UA, and F65UA Fuses

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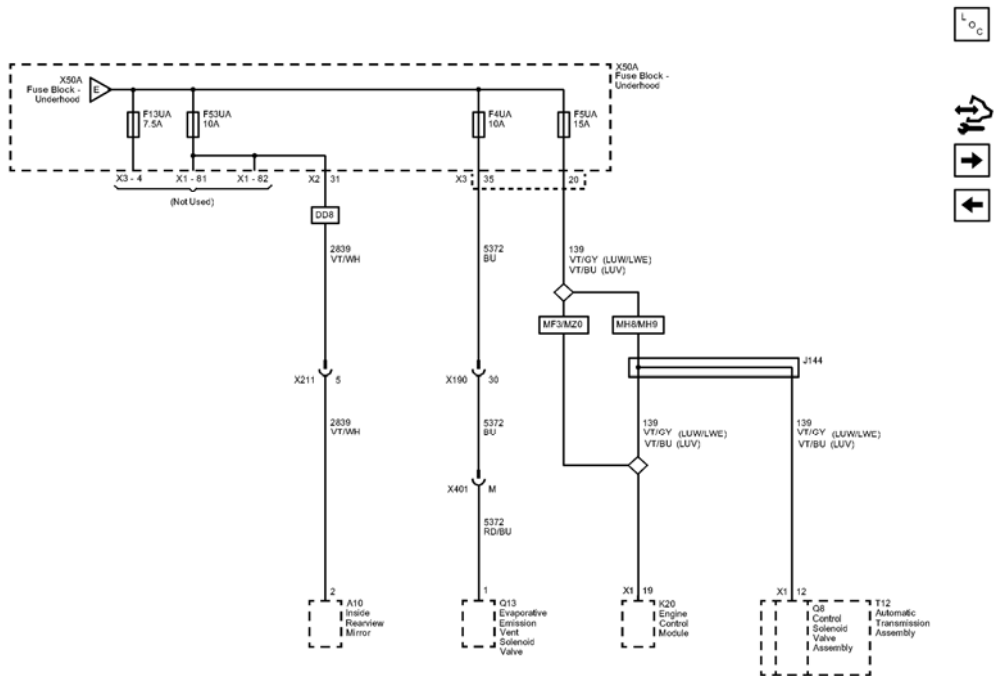


Fig. 34: F5UA, F13UA, F53UA, and F65UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2839	Run/Crank Ignition 1 Voltage
CAV 2	2
CAV_31	31
CONN_X2	X2
5372	Canister Valve Solenoid
CAV_35	35
CONN_X3	X3
5372_RD/BU	5372 RD/BU
CAV_1	1
139	Run/Crank Ignition 1 Voltage
139_VT/GY	139 VT/GY
CAV_19	19
CONN_X1	X1
CAV_20	20
139_VT/GY	139 VT/GY
CAV_19	19
CONN_X1	X1

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139_VT/GY	139 VT/GY
CAV_12	12
CONN_X1	X1
5372_BU	5372 BU
5372_BU	5372 BU
2839_VT/WH	2839 VT/WH
2839_VT/WH	2839 VT/WH
VT/BU	VT/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
VT/BU	VT/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
VT/BU	VT/BU
LUV	ENGINE-GAS, 4 CYL, 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME, E85 MAX
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
MF3	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 4.273 1ST, 2.158 2ND, 1.302 3RD, 0.959 4TH, 0.744 5TH, 0.614 6TH, M32-6 WR
MZ0	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.74 6TH, (M32 WR)
DD8	MIRROR I/S R/V-LT SENSITIVE
CAV_M	M
CAV_30	30
CAV_5	5
J144	J144
F13UA	F13UA 7.5A
F53UA	F53UA 10A
F4UA	F4UA 10A

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F5UA	F5UA 15A
E_REF	E
X401	X401
X190	X190
X211	X211
X50A	
X50A	
A10	(DD8)
Q13	
K20	
Q8	(MH8/MH9)
T12	(MH8/MH9)

F28UA, F37UA, F38UA, F51UA, F56UA, and F60UA Fuses

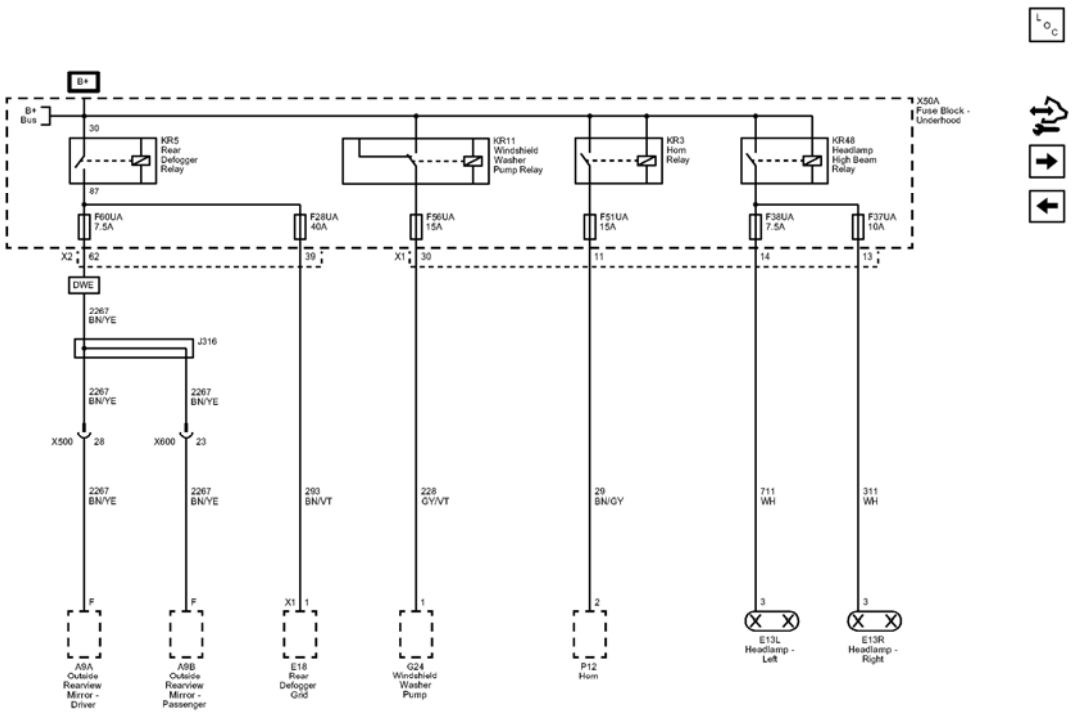


Fig. 35: F28UA, F37UA, F38UA, F51UA, F56UA, and F60UA Fuses
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2267	Mirror Heating Element Supply Voltage
CAV_F	F

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CAV_62	62
CONN_X2	X2
CAV_F	F
293	Rear Defog Element Supply Voltage
293_BN/VT	293 BN/VT
CAV_1	1
CONN_X1	X1
CAV_39	39
228	Windshield Washer Pump Control
228_GY/VT	228 GY/VT
CAV_1	1
CAV_30	30
CONN X1	X1
29	Horn Control
29_BN/GY	29 BN/GY
CAV_2	2
CAV_11	11
711	Left Headlamp High Beam Supply Voltage
711_WH	711 WH
CAV_3	3
CAV_14	14
311	Right Headlamp High Beam Supply Voltage
311_WH	311 WH
CAV_3	3
CAV_13	13
2267_BN/YE	2267 BN/YE
2267_BN/YE	2267 BN/YE
2267 BN/YE	2267 BN/YE
2267_BN/YE	2267 BN/YE
2267 BN/YE	2267 BN/YE
DWE	MIRROR O/S-LH and RH, RC, ELEC, HEAT, AUX WFOV/DRVR, MANFOLD, CNVX/PASS
CAV_87	87
CAV_30	30
CAV_28	28
CAV 23	23
J316	J316
F60UA	F60UA 7.5A
F28UA	F28UA 40A
F56UA	F56UA 15A
F51UA	F51UA 15A

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F38UA	F38UA 7.5A
F37UA	F37UA 10A
X500	X500
X600	X600
KR5	
KR3	
KR48	
X50A	
A9B	
G24	
KR11	
E18	
A9A	
E13R	
E13L	
P12	

F1DA, F4DA, F5DA, F6DA, and F7DA Fuses

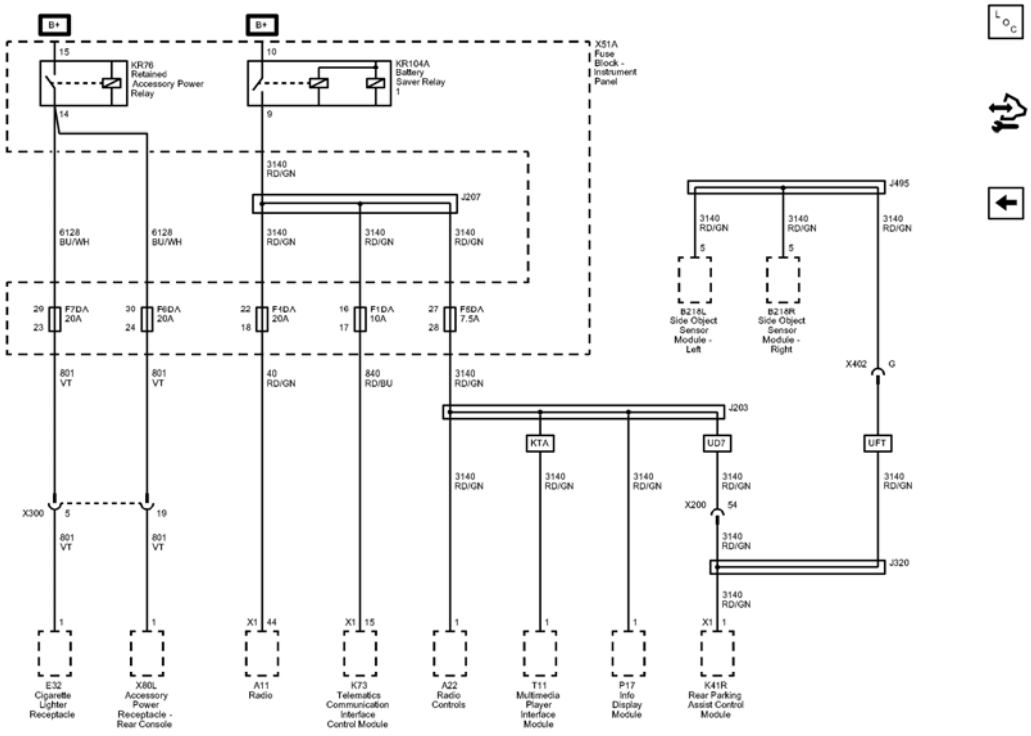


Fig. 36: F1DA, F4DA, F5DA, F6DA, and F7DA Fuses
Courtesy of GENERAL MOTORS COMPANY

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Callout	Component Name
6128	Rear Closure Unlatch Motor Unlatch Control
6128_BU/WH	6128 BU/WH
CAV_14	14
6128_BU/WH	6128 BU/WH
801	Retained Accessory Power Fuse Supply Voltage
CAV_1	1
CAV_1	1
40	Battery Positive Voltage
CAV_44	44
CONN_X1	X1
840	Battery Positive Voltage
CAV 15	15
CONN_X1	X1
3140	Battery Positive Voltage
3140_RD/GN	3140 RD/GN
CAV_1	1
3140_RD/GN	3140 RD/GN
CAV_1	1
3140_RD/GN	3140 RD/GN
CAV_1	1
3140_RD/GN	3140 RD/GN
CAV_1	1
CONN_X1	X1
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
CAV_5	5
3140 RD/GN	3140 RD/GN
CAV_5	5
3140 RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
CAV_9	9
CAV_10	10
CAV_15	15
801_VT	801 VT
801_VT	801 VT
801_VT	801 VT
801_VT	801 VT
40_RD/GN	40 RD/GN

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	840 RD/BU
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
3140_RD/GN	3140 RD/GN
CAV_29	29
CAV_23	23
CAV_30	30
CAV_24	24
CAV_22	22
CAV_18	18
CAV_16	16
CAV 17	17
CAV_27	27
CAV_28	28
KTA	AUDIO INTERFACE-
UD7	PARK ASSIST-REAR
UFT	SIDE ACTIVE SAFETY-OBSTACLE DETECTION
CAV_54	54
CAV_G	G
X300	X300
CAV_5	5
CAV_19	19
F7DA	F7DA 20A
F6DA	F6DA 20A
F4DA	F4DA 20A
F1DA	F1DA 10A
F5DA	F5DA 7.5A
X200	X200
X402	X402
J320	J320
J203	J203
X300	X300
A22	
P17	
T11	(KTA)
A11	
X80L	
E32	
X51A	
K73	(UE1)

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K41R	(UD7)
B218L	
B218R	
KR76	

POWER MODING WIRING SCHEMATICS

Ignition Main Relay Wiring Schematics

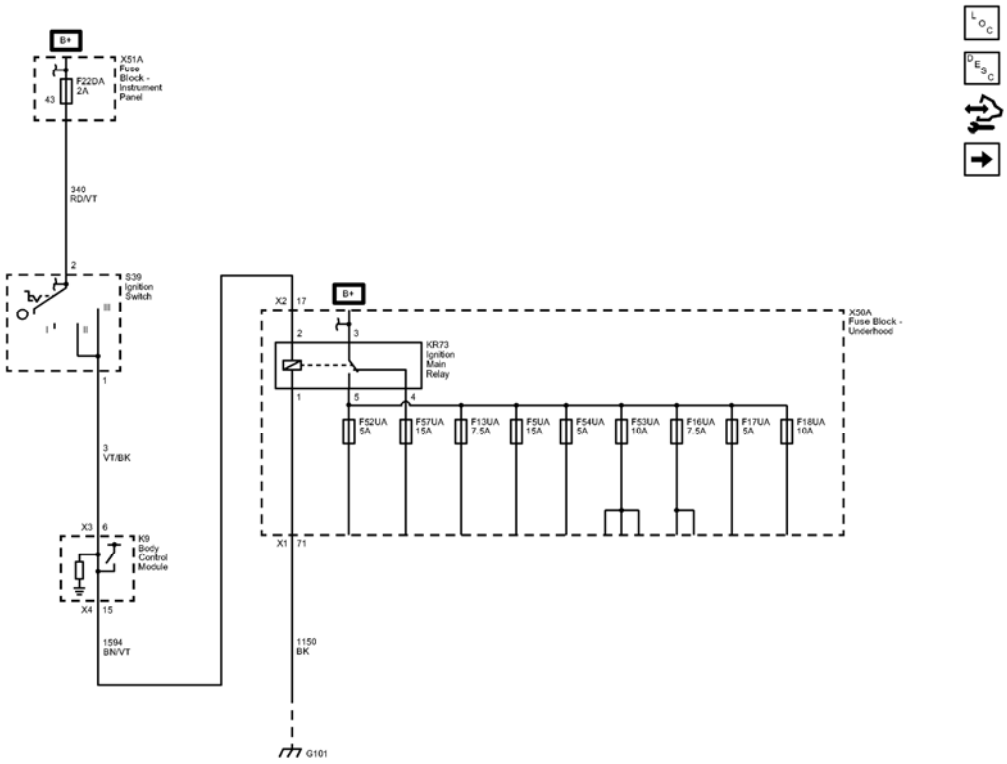


Fig. 37: Ignition Main Relay Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
340	Battery Positive Voltage
340_RD/VT	340 RD/VT
CAV_2	2
1594	Ignition 3 Relay Control
1594_BN/VT	1594 BN/VT
CAV_15	15
CONN_X4	X4

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CAV_17	17
CONN_X2	X2
3	Run/Crank Ignition 1 Voltage
3_VT/BK	3 VT/BK
CAV_6	6
CONN_X3	X3
CAV_1	1
1150	Ground
1150_BK	1150 BK
CAV_71	71
CONN_X1	X1
CAV_43	43
CAV 2	2
CAV_3	3
CAV_1	1
CAV_5	5
CAV_4	4
G101	G101
F22DA	F22DA 2A
F52UA	F52UA 5A
F57UA	F57UA 15A
F13UA	F13UA 7.5A
F5UA	F5UA 15A
F54UA	F54UA 5A
F53UA	F53UA 10A
F16UA	F16UA 7.5A
F17UA	F17UA 5A
F18UA	F18UA 10A
S39	(without BTM)
K9	
KR73	
X51A	
X50A	

Retained Accessory Power Relay Wiring Schematics

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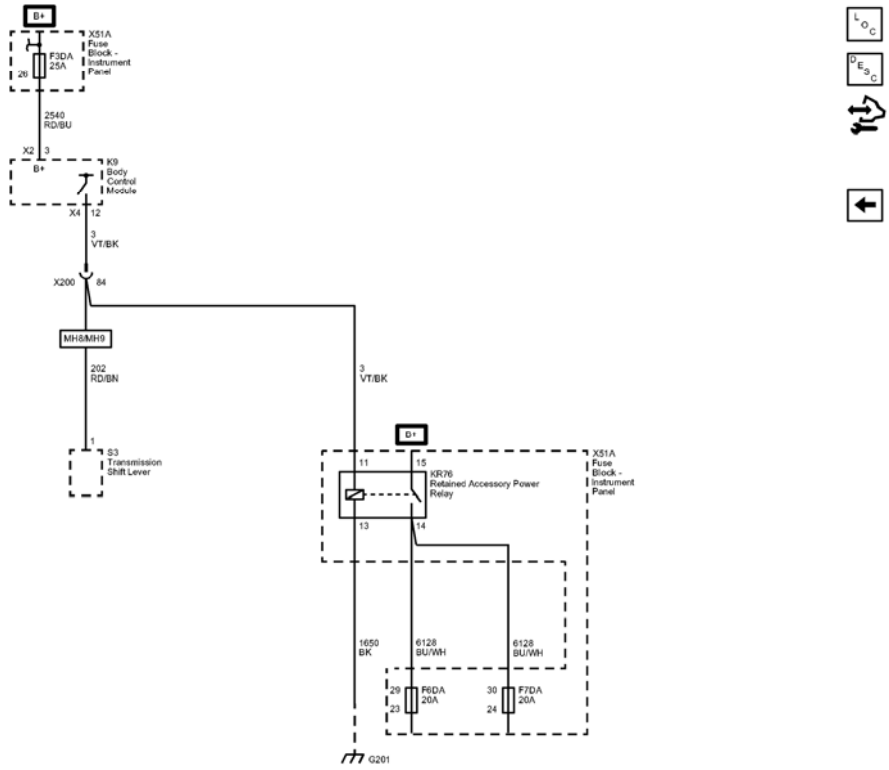


Fig. 38: Retained Accessory Power Relay Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
202	Battery Positive Voltage
2540	Battery Positive Voltage
2540_RD/BU	2540 RD/BU
CAV_3	3
CONN_X2	X2
3	Run/Crank Ignition 1 Voltage
3_VT/BK	3 VT/BK
CAV_12	12
CONN_X4	X4
202_RD/BN	202 RD/BN
CAV_1	1
3_VT/BK	3 VT/BK
CAV_84	84
1650	Ground
1650_BK	1650 BK
6128	Rear Closure Unlatch Motor Unlatch Control
6128_BU/WH	6128 BU/WH

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6128_BU/WH	6128 BU/WH
CAV_29	29
CAV_23	23
CAV_30	30
CAV_24	24
CAV_11	11
CAV_15	15
CAV_13	13
CAV_14	14
CAV_26	26
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
G201	G201
X200	X200
F6DA	F6DA 20A
F7DA	F7DA 20A
F3DA	F3DA 25A
S3	(MH8/MH9)
X51A	
K9	
X51A	
KR76	

Battery Saver Relay Wiring Schematics

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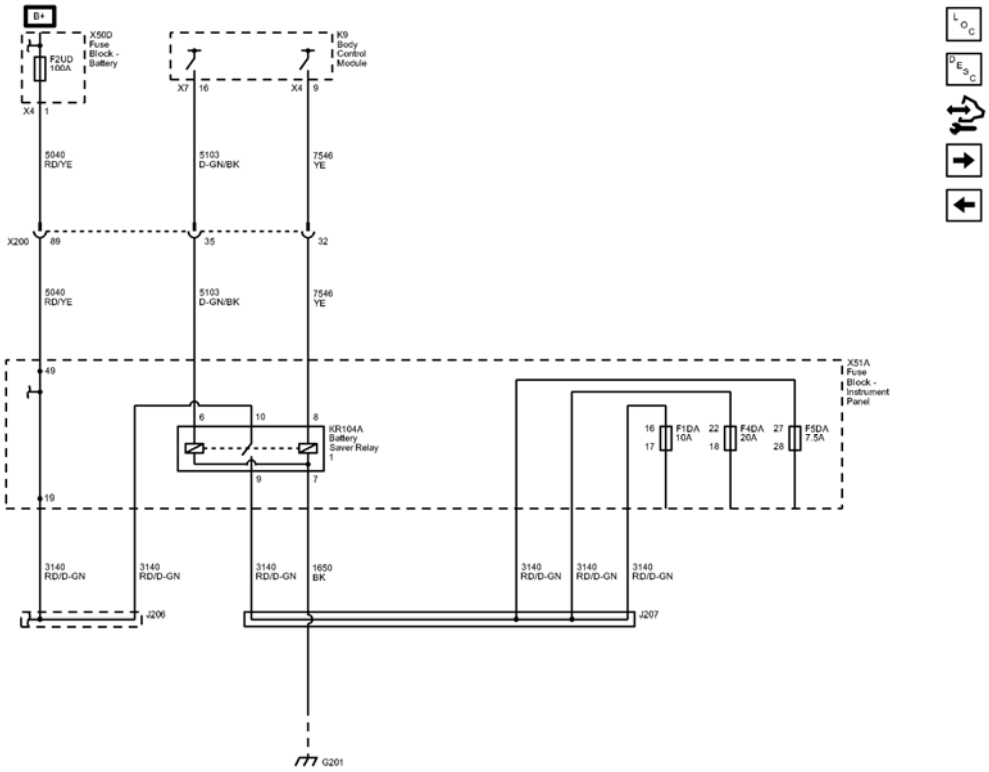


Fig. 39: Battery Saver Relay Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

IGNITION LOCK WIRING SCHEMATICS

Ignition Lock Wiring Schematics

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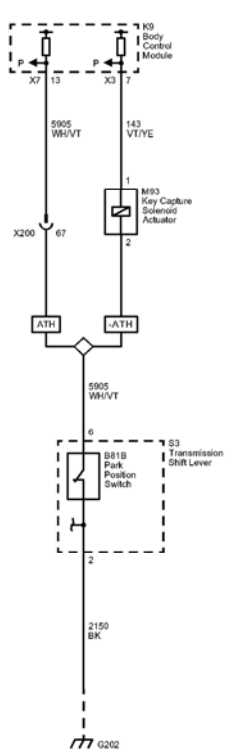


Fig. 40: Ignition Lock Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
5905	Key Capture/Column Lock Shift Position Signal
5905 WH/VT	5905 WH/VT
CAV_6	6
CAV_13	13
CONN_X7	X7
143	Accessory Voltage
143_VT/YE	143 VT/YE
CAV_1	1
CAV_7	7
CONN_X3	X3
5905_WH/VT	5905 WH/VT
CAV_2	2
CAV_67	67
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
	LOCK CONTROL, ENTRY-REMOTE ENTRY,

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ATH	EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
2150	Ground
2150 BK	2150 BK
CAV_2	2
G202	G202
X200	X200
K9	
B81B	(MH8/MH9)
S3	(MH8/MH9)
M93	(MH8/MH9)

GROUND DISTRIBUTION WIRING SCHEMATICS

G100, G101, and G102 Wiring Schematics

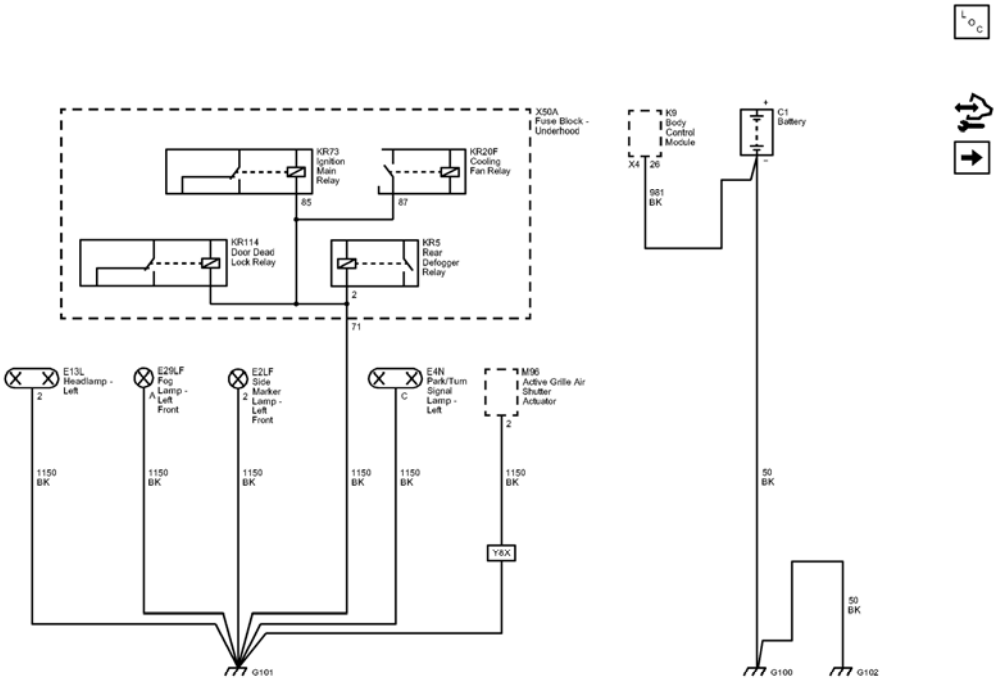


Fig. 41: G100, G101, and G102
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
50	Ground
CAV_85	85

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CAV_87	87
CAV_2	2
981_BK	981 BK
CAV_26	26
CONN_X4	X4
50_BK	50 BK
50_BK	50 BK
1150	Ground
1150_BK	1150 BK
CAV_71	71
1150_BK	1150 BK
CAV_2	2
1150 BK	1150 BK
CAV_A	A
1150_BK	1150 BK
CAV_2	2
1150_BK	1150 BK
CAV_C	C
1150_BK	1150 BK
CAV_2	2
Y8X	MODEL CONVERSION-ENGINE IMPROVEMENT
G101	G101
G100	G100
G102	G102
C1	
E29LF	(T3U)
KR73	
E13L	
E2LF	
E4N	
K9	
KR5	
X50A	
M96	(Y8K)
KR20F	
KR114	

G103, G104, and G105 Wiring Schematics

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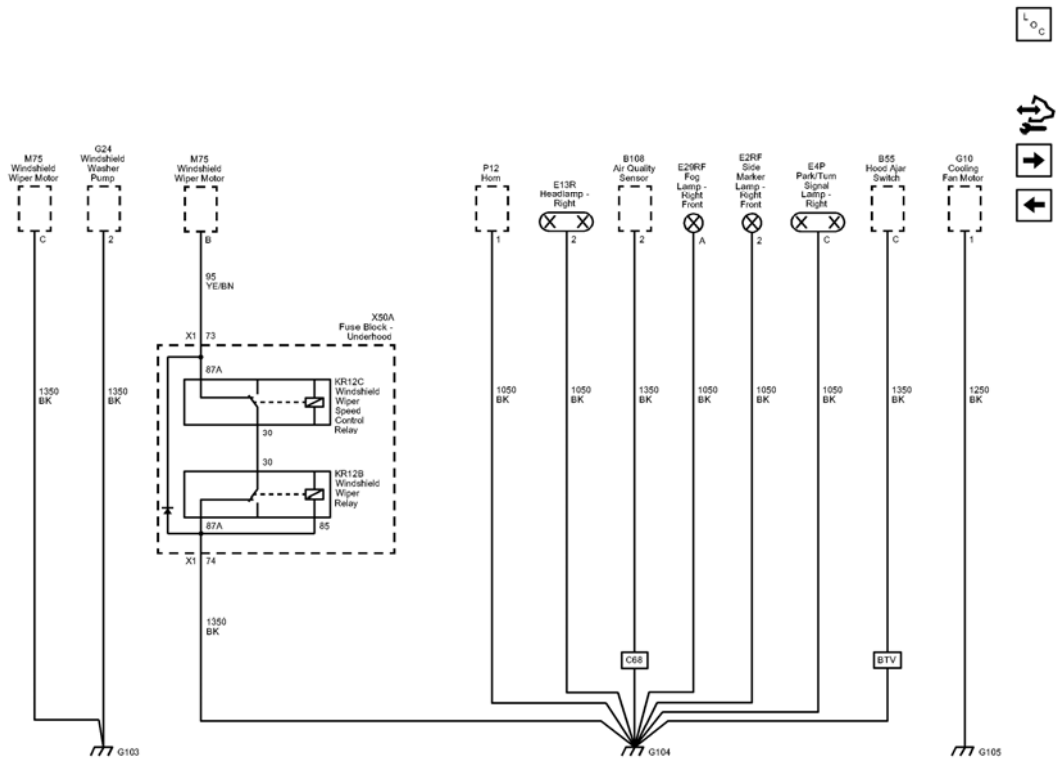


Fig. 42: G103, G104, and G105
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_87A	87A
CAV 30	30
CAV_30	30
CAV_85	85
CAV_87A	87A
1350	Ground
1350_BK	1350 BK
CAV_C	C
CAV_2	2
95	Windshield Wiper Motor Low Speed Control
95_YE/BN	95 YE/BN
CAV_73	73
CONN_X1	X1
CAV_B	B
CAV_1	1
1050	Ground
1050_BK	1050 BK

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1050_BK	1050 BK
CAV_2	2
1350_BK	1350 BK
CAV_2	2
1050_BK	1050 BK
CAV_A	A
1050_BK	1050 BK
CAV_2	2
1050_BK	1050 BK
CAV_C	C
1350_BK	1350 BK
CAV_C	C
1250	Ground
1250_BK	1250 BK
CAV_1	1
1350_BK	1350 BK
CAV_74	74
CONN_X1	X1
1350_BK	1350 BK
C68	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO, ELECTRONIC CONTROLS
BTV	REMOTE START-ENGINE
G103	G103
G104	G104
G105	G105
M75	
G24	
B108	(C68)
E29RF	(T3U)
B55	
E13R	
G10	
E2RF	
E4P	
KR12B	
KR12C	
X50A	
M75	
P12	

G112 and G114 Wiring Schematics

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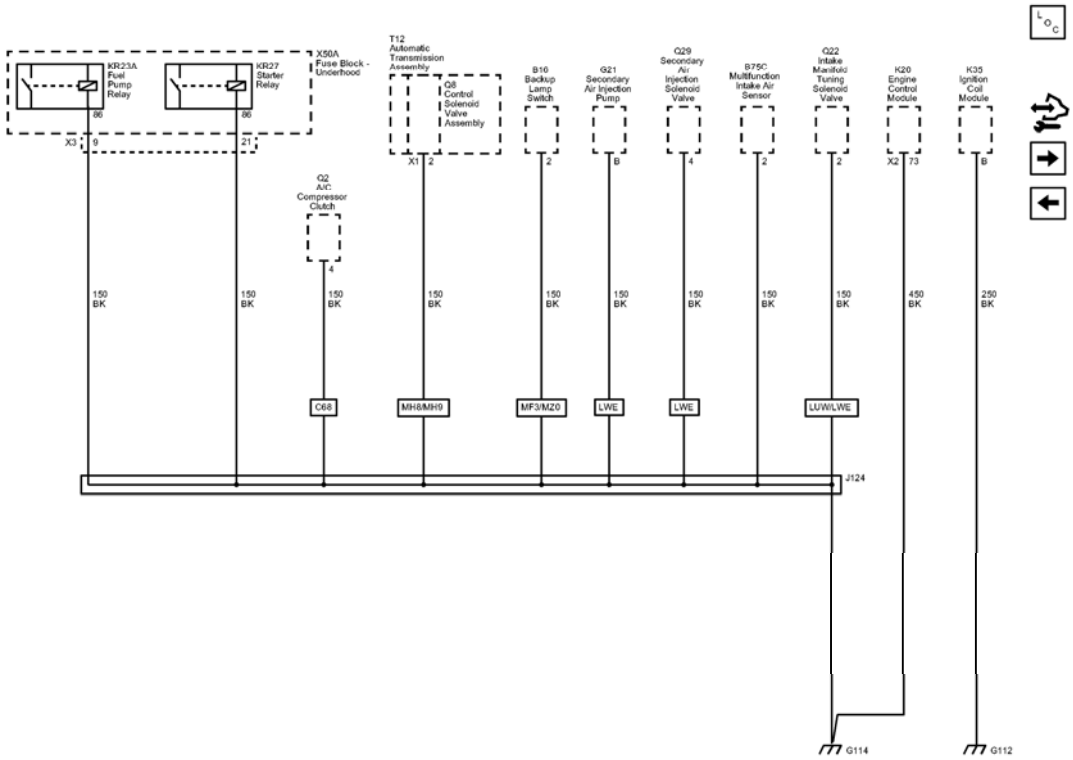


Fig. 43: G112 and G114
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_86	86
CAV 86	86
150	Ground
150_BK	150 BK
CAV_9	9
CONN_X3	X3
150_BK	150 BK
CAV_21	21
150_BK	150 BK
CAV_4	4
150_BK	150 BK
CAV_2	2
CONN_X1	X1
150_BK	150 BK
CAV_2	2
150_BK	150 BK
CAV_B	B

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150_BK	150 BK
CAV_4	4
150_BK	150 BK
CAV_2	2
150_BK	150 BK
CAV_2	2
450	Ground
450_BK	450 BK
CAV_73	73
CONN_X2	X2
250	Ground
250_BK	250 BK
CAV_B	B
C68	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO, ELECTRONIC CONTROLS
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
MF3	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 4.273 1ST, 2.158 2ND, 1.302 3RD, 0.959 4TH, 0.744 5TH, 0.614 6TH, M32-6 WR
MZ0	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.74 6TH, (M32 WR)
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
LUW	ENGINE-GAS, 4 CYL, 1.8L, MFI, 103KW, DOHC, E85 MAX
LWE	ENGINE-GAS, 4 CYL, 1.8L, MFI, DOHC, VVT, 103 KW, GME
G112	G112
G114	G114
J124	J124
KR27	
X50A	
B16	(MF3 or MZ0)
Q22	(LUW/LWE)
K20	
Q8	(MH8/MH9)
T12	(MH8/MH9)
G21	
Q29	
B75C	

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KR23A	
Q2	
K35	

G120, G121, and G201 Wiring Schematics

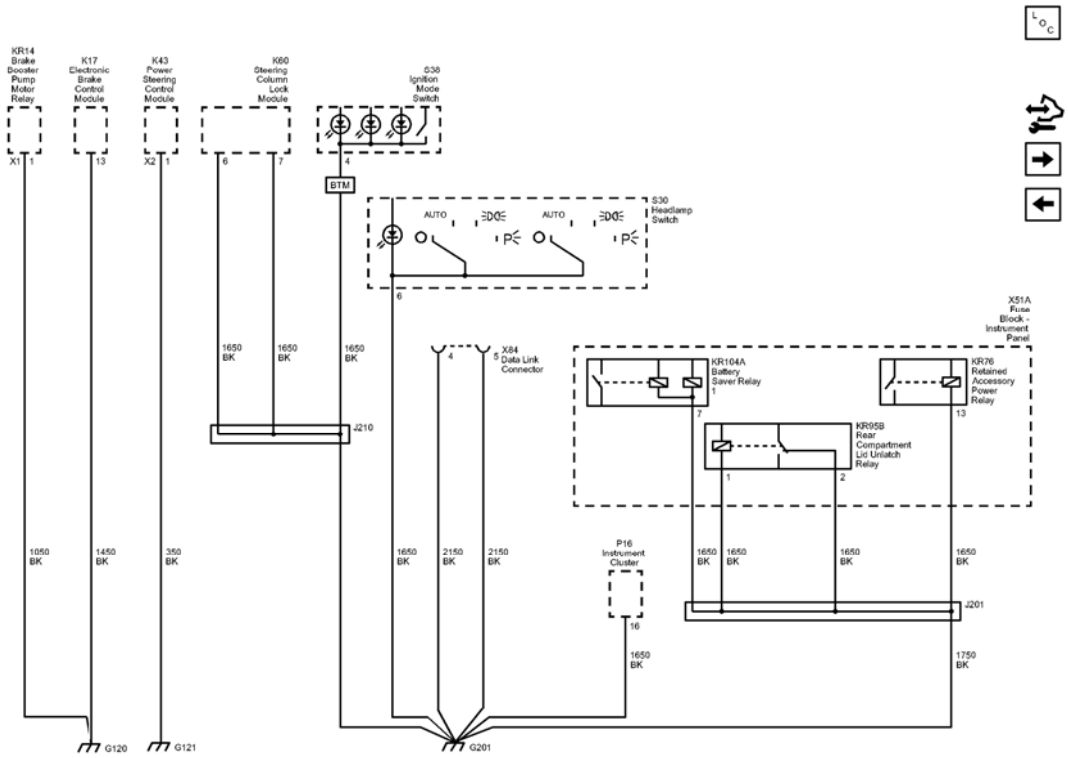


Fig. 44: G120, G121, and G201
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1050	Ground
1050_BK	1050 BK
CAV_1	1
CONN_X1	X1
1450	Ground
1450_BK	1450 BK
CAV_13	13
350	Ground
350 BK	350 BK
CAV_1	1
CONN_X2	X2

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1650	Ground
1650_BK	1650 BK
CAV_6	6
1650_BK	1650 BK
CAV_7	7
1650_BK	1650 BK
CAV_4	4
1650_BK	1650 BK
CAV_6	6
2150	Ground
2150_BK	2150 BK
2150_BK	2150 BK
1650 BK	1650 BK
CAV_16	16
1650_BK	1650 BK
1650_BK	1650 BK
1650_BK	1650 BK
1650_BK	1650 BK
1750	Ground
1750_BK	1750 BK
CAV_7	7
CAV_1	1
CAV_2	2
CAV_13	13
BTM	SWITCH-ENGINE START, KEYLESS
CAV_4	4
CAV_5	5
G120	G120
G121	G121
G201	G201
J210	J210
J201	J201
S30	
X84	
K17	
K43	
P16	
X51A	
K60	(ULS)
KR104A	
KR95B	

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S38	(BTM)
KR14	

G202 Wiring Schematics

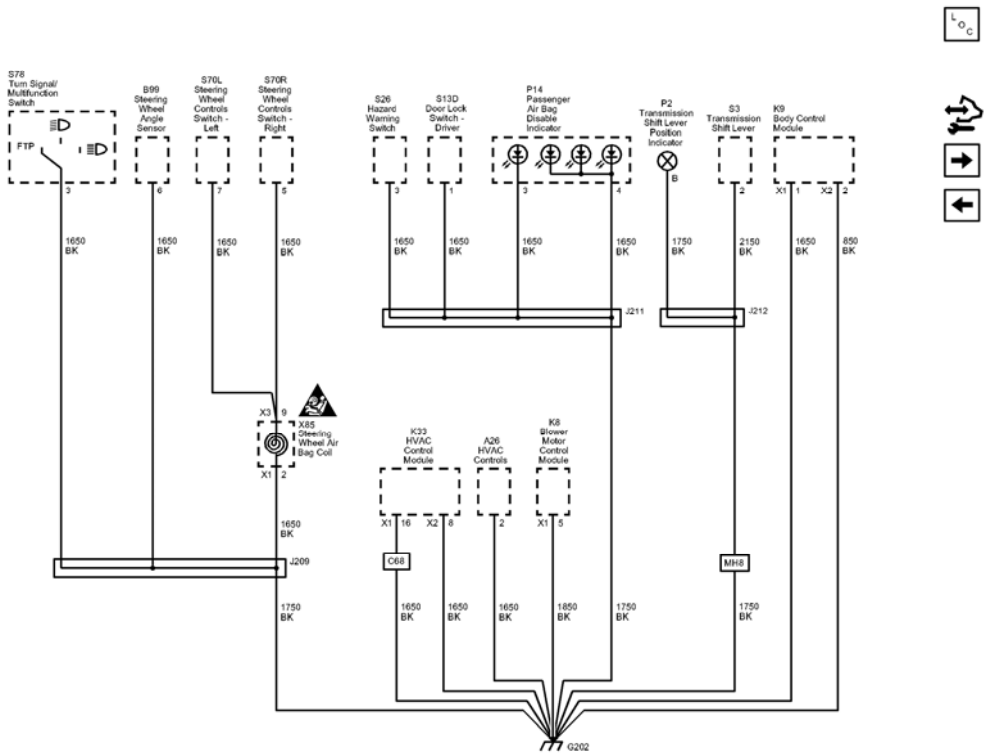


Fig. 45: G202
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1650	Ground
1650_BK	1650 BK
CAV 3	3
1650_BK	1650 BK
CAV 6	6
1650_BK	1650 BK
CAV_7	7
1650_BK	1650 BK
CAV_9	9
CONN_X3	X3
CAV_5	5

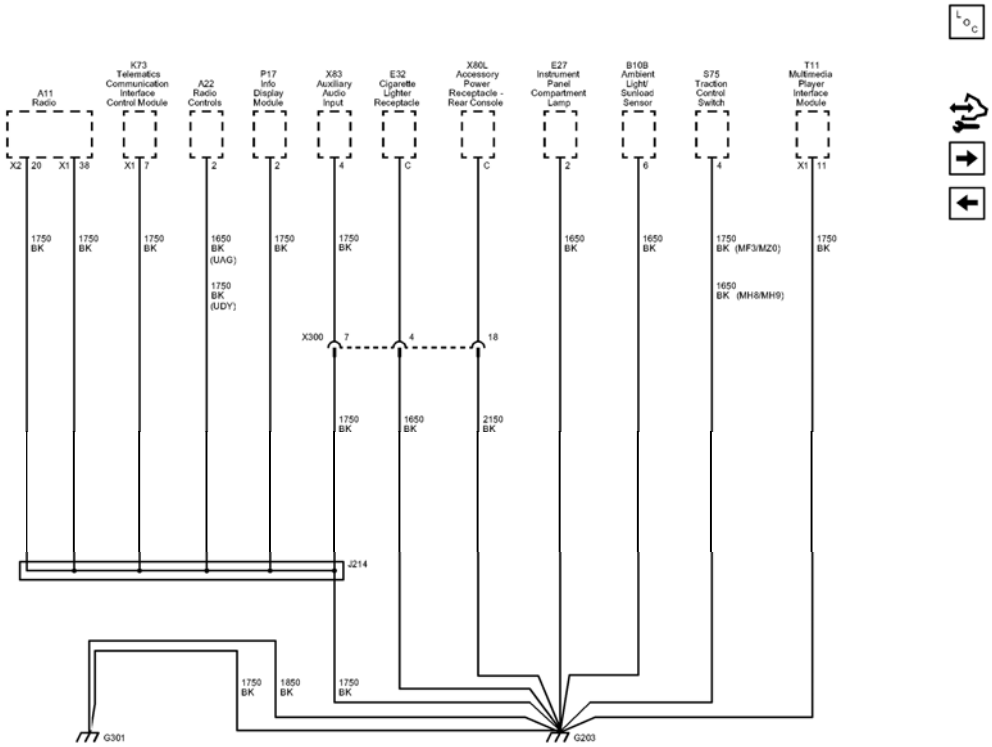
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1750	Ground
1750_BK	1750 BK
CAV_2	2
CONN_X1	X1
1650_BK	1650 BK
CAV_3	3
1650_BK	1650 BK
CAV_1	1
1650_BK	1650 BK
CAV_3	3
1750_BK	1750 BK
CAV_4	4
1850	Ground
1850_BK	1850 BK
CAV_5	5
CONN_X1	X1
1650_BK	1650 BK
CAV_2	2
1650_BK	1650 BK
CAV_8	8
CONN_X2	X2
1650_BK	1650 BK
CAV_16	16
CONN_X1	X1
1750_BK	1750 BK
CAV_B	B
1750_BK	1750 BK
CAV 2	2
1650_BK	1650 BK
CAV 1	1
CONN_X1	X1
850	Ground
850_BK	850 BK
CAV_2	2
CONN_X2	X2
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
1650_BK	1650 BK
C68	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO, ELECTRONIC CONTROLS
1650_BK	1650 BK
2150	Ground

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2150_BK	2150 BK
J209	J209
J211	J211
J212	J212
X85	
B99	(FX3)
S70L	(K34)
S70R	(W1Y)
K8	
S13D	
S3	(MH8/MH9)
K9	
P2	(MH8/MH9)
P14	
S78	
S26	
A26	
K33	

G203 Wiring Schematics



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Fig. 46: G203
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1650	Ground
1750	Ground
1850	Ground
1750_BK	1750 BK
CAV_20	20
CONN_X2	X2
1750_BK	1750 BK
CAV_38	38
CONN X1	X1
1750_BK	1750 BK
CAV 7	7
CONN_X1	X1
1650_BK	1650 BK
CAV_2	2
1750_BK	1750 BK
1750_BK	1750 BK
CAV_2	2
1750_BK	1750 BK
1750_BK	1750 BK
1750_BK	1750 BK
CAV_4	4
1650_BK	1650 BK
CAV_C	C
2150	Ground
2150_BK	2150 BK
CAV C	C
1650_BK	1650 BK
CAV_2	2
1650_BK	1650 BK
CAV_6	6
1650_BK	1650 BK
CAV_4	4
1750_BK	1750 BK
1750_BK	1750 BK
CAV_11	11
CONN_X1	X1
1850_BK	1850 BK

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1750_BK	1750 BK
MF3	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 4.273 1ST, 2.158 2ND, 1.302 3RD, 0.959 4TH, 0.744 5TH, 0.614 6TH, M32-6 WR
MZ0	TRANSMISSION-MAN 6 SPD, OPEL, 76.5 MM, 3.82 1ST, 0.74 6TH, (M32 WR)
MH8	TRANSMISSION-AUTO 6 SPD, HMD, X23F
MH9	TRANSMISSION-AUTO 6 SPD, HMD, X24F
UAG	INFOTAINMENT DISPLAY-GRAPHIC INFO DISPLAY (GID), VAR 1
UDY	"INFOTAINMENT DISPLAY-COLOR INFO DISPLAY (CID) 7"", WVGA, TOUCH SCREEN"
X300	X300
CAV_7	7
CAV_4	4
CAV_18	18
J214	J214
G301	G301
X300	X300
A22	
P17	
A11	
E32	
X80L	
E27	
B10B	
S75	(FX3)
T11	(KTA)
K73	(UE1)
X83	

G204 and G305 Wiring Schematics

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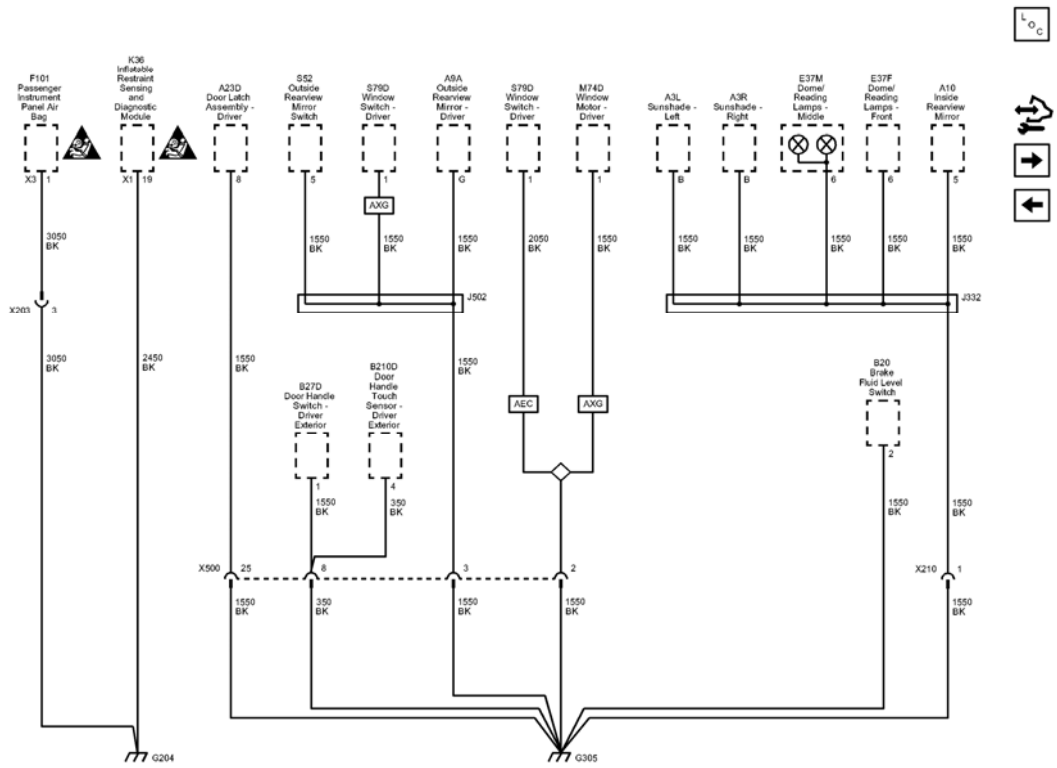


Fig. 47: G204 and G305 Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2450	Ground
2450_BK	2450 BK
CAV_19	19
CONN_X1	X1
3050	Ground
3050_BK	3050 BK
CAV_1	1
CONN_X3	X3
3050_BK	3050 BK
CAV_3	3
1550	Ground
1550_BK	1550 BK
CAV_G	G
1550_BK	1550 BK
1550_BK	1550 BK
1550_BK	1550 BK
CAV_1	1

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1550_BK	1550 BK
CAV_5	5
1550_BK	1550 BK
CAV_8	8
1550_BK	1550 BK
350	Ground
350_BK	350 BK
CAV_1	1
350_BK	350 BK
CAV_4	4
1550_BK	1550 BK
1550_BK	1550 BK
CAV_1	1
1550_BK	1550 BK
1550_BK	1550 BK
CAV_5	5
1550_BK	1550 BK
1550_BK	1550 BK
1550_BK	1550 BK
CAV_2	2
1550_BK	1550 BK
CAV_B	B
1550_BK	1550 BK
CAV_B	B
1550_BK	1550 BK
CAV_6	6
1550_BK	1550 BK
CAV_6	6
CAV_1	1
AXG	WINDOW-POWER OPERATED-EXPRESS DRIVER UP/DOWN
AXG	WINDOW-POWER OPERATED-EXPRESS DRIVER UP/DOWN
2050	Ground
2050_BK	2050 BK
CAV_1	1
AEC	WINDOW-POWER OPERATED, DRIVER EXPRESS DOWN
X500	X500
CAV_25	25
CAV_8	8
CAV_3	3

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CAV_2	2
X203	X203
J502	J502
J332	J332
X210	X210
X500	X500
A23D	
S52	
S79D	
A9A	
S79D	
M74D	
A3L	(D6I)
A3R	(D6I)
A10	(DD8)
B20	
E37M	
E37F	
B27D	
B210D	
F101	
K36	

G307 and G308 Wiring Schematics

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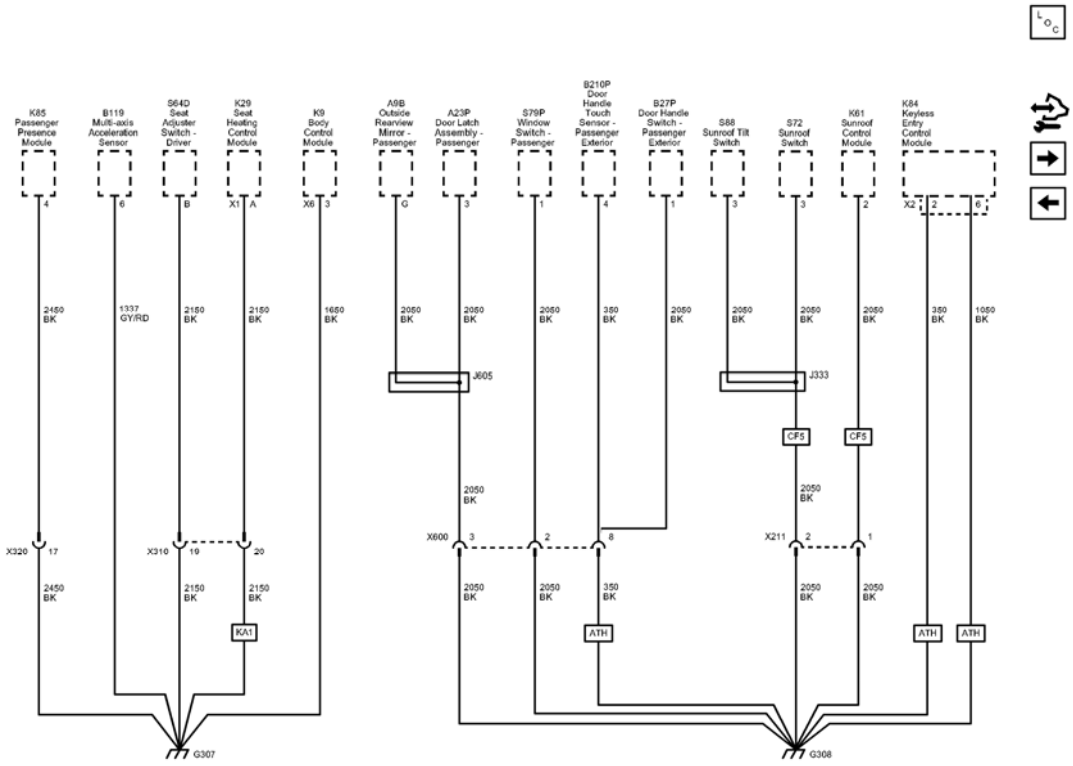


Fig. 48: G307 and G308
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2150	Ground
2050	Ground
350	Ground
2450	Ground
2450_BK	2450 BK
CAV_4	4
1337	Yaw Rate Sensor Volt Reference
1337_GY/RD	1337 GY/RD
CAV_6	6
2150_BK	2150 BK
CAV_B	B
2150_BK	2150 BK
CAV_A	A
CONN_X1	X1
1650	Ground
1650_BK	1650 BK
CAV_3	3

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CONN_X6	X6
2050_BK	2050 BK
CAV_G	G
2050_BK	2050 BK
CAV_3	3
2050_BK	2050 BK
CAV_1	1
350_BK	350 BK
CAV_4	4
2050_BK	2050 BK
CAV_1	1
2050_BK	2050 BK
CAV_3	3
2050_BK	2050 BK
CAV_3	3
2050_BK	2050 BK
CAV_2	2
350_BK	350 BK
CAV_2	2
CONN_X2	X2
1050	Ground
1050_BK	1050 BK
CAV_6	6
2050_BK	2050 BK
2050_BK	2050 BK
2050_BK	2050 BK
2050_BK	2050 BK
2050_BK	2050 BK
2050_BK	2050 BK
350_BK	350 BK
2450_BK	2450 BK
2150_BK	2150 BK
2150_BK	2150 BK
CAV_17	17
CF5	ROOF-SUN, GLASS, SLIDING, ELEC
CF5	ROOF-SUN, GLASS, SLIDING, ELEC
KA1	HEATER SEAT FRT-DRVR and PASS
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL

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	DOORS
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
X310	X310
CAV_19	19
CAV_20	20
X600	X600
CAV_3	3
CAV_2	2
CAV_8	8
X211	X211
CAV_2	2
CAV 1	1
G307	G307
G308	G308
X320	X320
J333	J333
J605	J605
X310	X310
X600	X600
X211	X211
B119	(FX3)
A9B	
A23P	
S79P	
S88	(CF5)
S72	(CF5)
K61	(CF5)
K29	(KA1)
S64D	(ADS)
K9	
K84	(ATH)
B210P	
B27P	
K85	Passenger Presence Module

G309 Wiring Schematics

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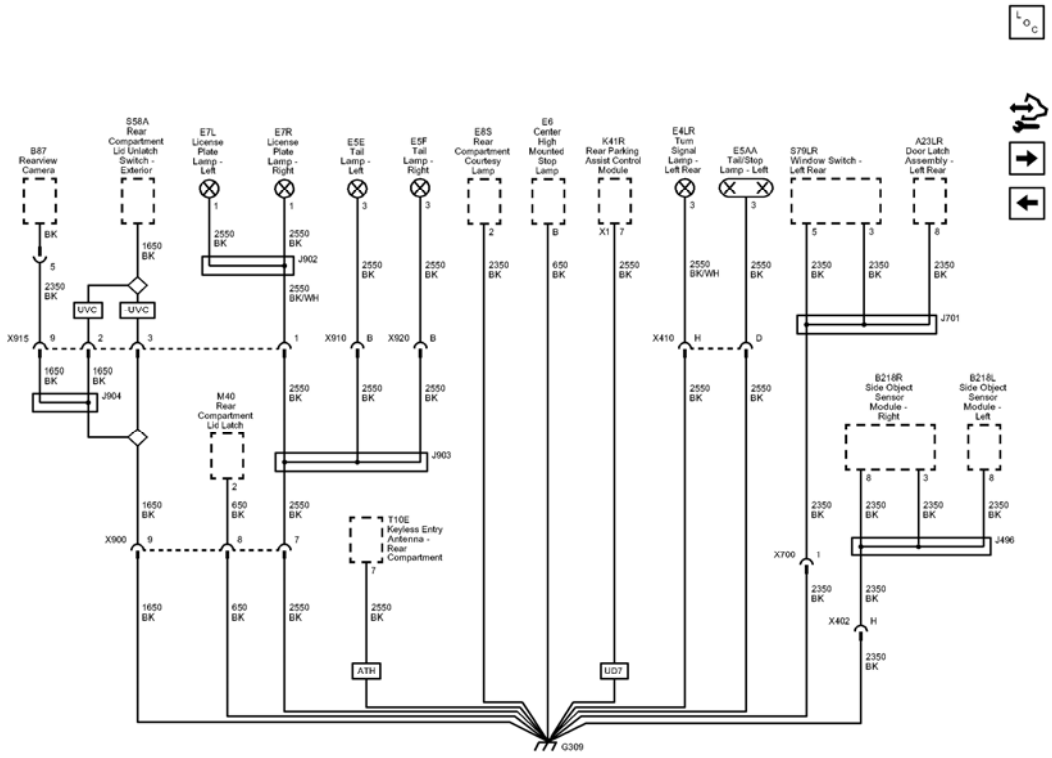


Fig. 49: G309
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1650	Ground
1650_BK	1650 BK
2350_BK	2350 BK
BK	BK
1650_BK	1650 BK
1650_BK	1650 BK
1650_BK	1650 BK
1650_BK	1650 BK
2550	Ground
2550_BK	2550 BK
CAV_1	1
2550_BK	2550 BK
2550_BK	2550 BK
2550_BK	2550 BK
2550_BK/WH	2550 BK/WH
2550_BK	2550 BK
CAV_1	1

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650	Ground
650_BK	650 BK
CAV_2	2
650_BK	650 BK
CAV_5	5
2550_BK	2550 BK
CAV_7	7
2550_BK	2550 BK
CAV_3	3
2550_BK	2550 BK
2550_BK	2550 BK
CAV_3	3
2550_BK	2550 BK
CAV_B	B
CAV_B	B
2350	Ground
2350_BK	2350 BK
CAV_2	2
650_BK	650 BK
CAV_B	B
2550_BK	2550 BK
CAV_7	7
CONN_X1	X1
2550_BK	2550 BK
CAV_3	3
2550_BK/WH	2550 BK/WH
2550_BK	2550 BK
CAV_3	3
2550_BK	2550 BK
2350_BK	2350 BK
CAV_5	5
2350_BK	2350 BK
2350_BK	2350 BK
2350_BK	2350 BK
CAV_3	3
2350_BK	2350 BK
CAV_8	8
2350_BK	2350 BK
CAV_8	8
2350_BK	2350 BK
2350_BK	2350 BK

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	2350 BK
CAV_3	3
2350_BK	2350 BK
CAV_8	8
CAV_1	1
CAV_H	H
UVC	VISION-REAR VIEW, MONO
UVC	VISION-REAR VIEW, MONO
ATH	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE, PASSIVE ENTRY, ALL DOORS
UD7	PARK ASSIST-REAR
X900	X900
CAV_9	9
CAV_8	8
CAV_7	7
X915	X915
CAV_9	9
CAV_2	2
CAV_3	3
CAV_1	1
X410	X410
CAV_D	D
CAV_H	H
G309	G309
J904	J904
J902	J902
X920	X920
X910	X910
J903	J903
J701	J701
J496	J496
X700	X700
X402	X402
X900	X900
X915	X915
X410	X410
S58A	
E5E	
E5F	
S79LR	

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A23LR	
E8S	
E6	
E5AA	
E4LR	
E7L	
E7R	
K41R	(UD7)
M40	
B87	(UVC)
T10E	(ATH)
B218R	
B218L	

G400 and G402 Wiring Schematics

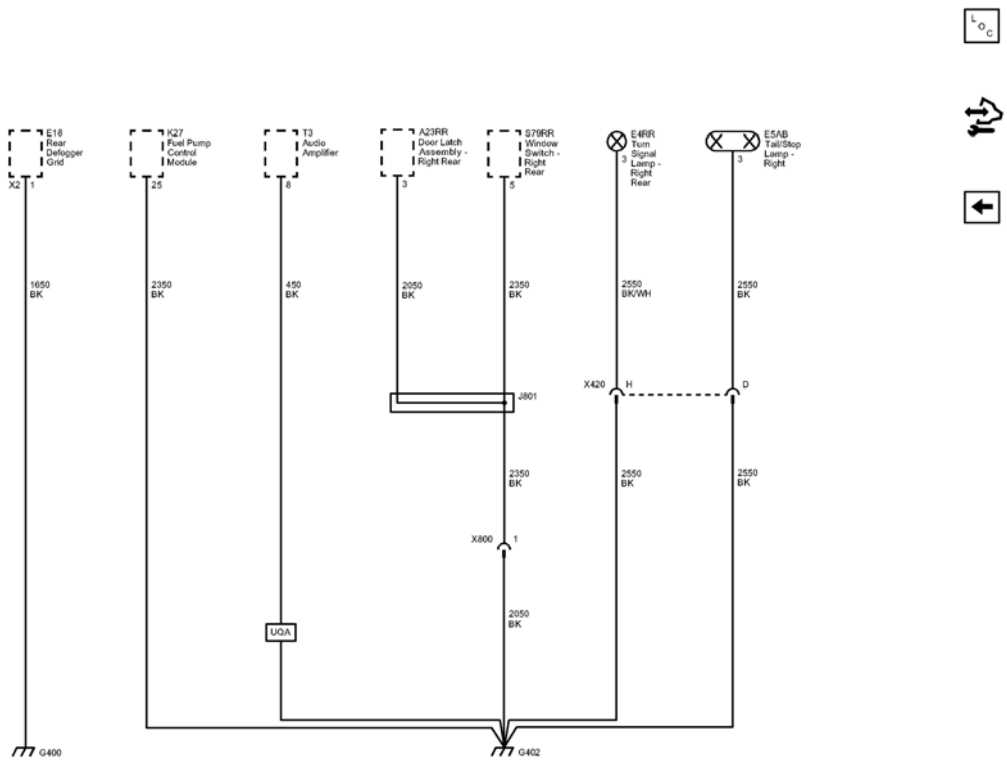


Fig. 50: G400 and G402
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2050	Ground

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1650	Ground
1650_BK	1650 BK
CAV_1	1
CONN_X2	X2
2350	Ground
2350_BK	2350 BK
CAV_25	25
450	Ground
450_BK	450 BK
CAV_8	8
2050_BK	2050 BK
CAV_3	3
2350_BK	2350 BK
CAV_5	5
2050_BK	2050 BK
2550	Ground
2550_BK/WH	2550 BK/WH
CAV_3	3
2550_BK	2550 BK
2550_BK	2550 BK
CAV_3	3
2350_BK	2350 BK
2550_BK	2550 BK
UQA	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH AMPLIFIER
CAV_1	1
X420	X420
CAV_H	H
CAV_D	D
G402	G402
G400	G400
X800	X800
J801	J801
X420	X420
A23RR	
S79RR	
E4RR	
E5AB	
T3	(UQA)
E18	
K27	

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Wiring Systems And Power Management - Component Connector End Views - Index - Cruz

COMPONENT CONNECTOR END VIEWS - INDEX

NOTE: **Component Connector end views are sorted in alpha/Numeric sequence based upon connector ID (Code), NOT component name. If you do not know the connector ID, a search using the relevant component may help locate the desired connector link.**

COMPONENT CONNECTOR END VIEWS - INDEX

Description
A3L Sunshade - Left (D61)
A3R Sunshade - Right (D6I)
A7 Fuel Pump and Level Sensor Assembly
A9A Outside Rearview Mirror - Driver
A9B Outside Rearview Mirror - Passenger
A10 Inside Rearview Mirror
A11 Radio X1
A11 Radio X2 (UDN)
A11 Radio X3 (UEW)
A22 Radio Controls (UYC or UYE)
A22 Radio Controls (UEW)
A23D Door Latch Assembly - Driver
A23LR Door Latch Assembly - Left Rear
A23P Door Latch Assembly - Passenger
A23RR Door Latch Assembly - Right Rear
B1 A/C Refrigerant Pressure Sensor
B5LF Wheel Speed Sensor - Left Front
B5LR Wheel Speed Sensor - Left Rear
B5RF Wheel Speed Sensor - Right Front
B5RR Wheel Speed Sensor - Right Rear
B7D Air Temperature Sensor - Duct Left Lower (C68)
B7H Air Temperature Sensor - Duct Left Upper (C68)
B9 Ambient Air Temperature Sensor
B10B Ambient Light/Sunload Sensor
B16 Backup Lamp Switch (MF3 or MZ0)
B18 Battery Current Sensor
B19B Brake Booster Vacuum Sensor
B20 Brake Fluid Level Switch
B22 Brake Pedal Position Sensor (MF3 or MZ0)

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B22 Brake Pedal Position Sensor (MH8)
B23E Camshaft Position Sensor - Exhaust (LUV)
B23E Camshaft Position Sensor - Exhaust (LUW/LWE)
B23F Camshaft Position Sensor - Intake (LUV)
B23F Camshaft Position Sensor - Intake (LUW/LWE)
B24 Cellular Phone Microphone (UE1)
B25B Clutch Pedal Position Sensor (MF3 or MZ0)
B26 Crankshaft Position Sensor (LUV)
B26 Crankshaft Position Sensor (LUW/LWE)
B34A Engine Coolant Temperature Sensor 1 (LUV)
B34A Engine Coolant Temperature Sensor 1 (LUW/LWE)
B34B Engine Coolant Temperature Sensor 2
B37 Engine Oil Pressure Switch
B39 A/C Evaporator Temperature Sensor
B47 Fuel Pressure Sensor
B52A Heated Oxygen Sensor 1 (LUV)
B52A Heated Oxygen Sensor 1 (LUW/LWE)
B52B Heated Oxygen Sensor 2
B55 Hood Ajar Switch
B59L Front Impact Sensor - Left
B59R Front Impact Sensor - Right
B63LF Side Impact Sensor - Left Front
B63LR Side Impact Sensor - Left Rear
B63RF Side Impact Sensor - Right Front
B63RR Side Impact Sensor - Right Rear
B111B Turbocharger Boost/Intake Air Temperature (LUV)
B68 Knock Sensor (LUV)
B68 Knock Sensor (LUW/LWE)
B74 Manifold Absolute Pressure Sensor (LUV)
B74 Manifold Absolute Pressure Sensor (LUW/LWE)
B75C Multifunction Air Intake Sensor
B78E Rear Object Sensor - Left Middle (UD7)
B78F Rear Object Sensor - Right Middle (UD7)
B78G Rear Object Sensor - Left Outer (UD7)
B78H Rear Object Sensor - Right Outer (UD7)
B80 Park Brake Switch
B87 Rearview Camera (UVC)
B88D Seat Belt Switch - Driver
B88P Seat Belt Switch - Passenger
B99 Steering Wheel Angle Sensor (FX3)
B107 Accelerator Pedal Position Sensor
B108 Air Quality Sensor (C68)

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B115 Vehicle Speed Sensor (MF3 or MZ0)
B119 Multi-Axis Acceleration Sensor (FX3)
B150 Fuel Tank Pressure Sensor
B160 Winshield Temperature and Inside Moisture Sensor (C68)
E2LF Side Marker Lamp - Left Front
E2RF Side Marker Lamp - Right Front
E4LR Turn Signal Lamp - Left Rear
E4RR Turn Signal Lamp - Right Rear
E4N Park/Turn Signal Lamp - Left
E4P Park/Turn Signal Lamp - Right
E5A Backup Lamp - Left
E5AA Tail/Stop Lamp - Left
E5AB Tail/Stop Lamp - Right
E5B Backup Lamp - Right
E5E Tail Lamp - Left
E5F Tail Lamp - Right
E6 Center High Mounted Stop Lamp
E7L License Plate Lamp - Left
E7R License Plate Lamp - Right
E8S Rear Compartment Courtesy Lamp
E13L Headlamp - Left
E13R Headlamp - Right
E14A Seat Heating Element - Driver Back (KA1)
E14B Seat Heating Element - Driver Cushion (KA1)
E14C Seat Heating Element - Passenger Back (KA1)
E14D Seat Heating Element - Passenger Cushion (KA1)
E18 Rear Defogger X1
E18 Rear Defogger X2
E27 Instrument Panel Compartment Lamp
E29LF Fog Lamp - Left Front (T3U)
E29RF Fog Lamp - Right Front (T3U)
E32 Cigarette Lighter Receptacle
E37F Dome/Reading Lamps - Front
E37M Dome/Reading Lamps - Middle
E41 Engine Coolant Thermostat Heater (LUV)
E41 Engine Coolant Thermostat Heater (LUW/LWE)
F101 Passenger Instrument Panel Air Bag X1
F101 Passenger Instrument Panel Air Bag X2
F105L Roof Rail Air Bag - Left
F105R Roof Rail Air Bag - Right
F106D Seat Air Bag - Driver

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F106P Seat Air Bag - Passenger
F106RR Seat Air Bag - Right Rear
F107 Steering Wheel Air Bag X1
F107 Steering Wheel Air Bag X2 (Early Production)
F112D Seat Belt Retractor Pretensioner - Driver
F112P Seat Belt Retractor Pretensioner - Passenger
F113D Seat Belt Anchor Prestensioner - Driver
F113P Seat Belt Anchor Pretensioner - Passenger
F114D Knee Air Bag - Driver
F114P Knee Air Bag - Passenger
G10 Cooling Fan Motor
G13 Generator X2
G24 Windshield Washer Pump
K8 Blower Motor Control Module X1
K8 Blower Motor Control Module X2
K9 Body Control Module X1
K9 Body Control Module X2
K9 Body Control Module X3
K9 Body Control Module X4
K9 Body Control Module X5
K9 Body Control Module X6
K9 Body Control Module X7
KR14 Brake Booster Pump Relay X1
KR14 Brake Booster Pump Relay X2
K17 Electronic Brake Control Module
K20 Engine Control Module X1 (LUW/LWE)
K20 Engine Control Module X2 (LUW/LWE)
K20 Engine Control Module X1 (LUV)
K20 Engine Control Module X2 (LUV)
K20 Engine Control Module X3 (LUV)
K27 Fuel Pump Control Module
K29 Seat Heating Control Module X1 (KA1)
K29 Seat Heating Control Module X2 (KA1)
K29 Seat Heating Control Module X3 (KA1)
K33 HVAC Control Module X1
K33 HVAC Control Module X2
K33 HVAC Control Module X3
K35 Ignition Coil Module
K36 Inflatable Restraint Sensing and Diagnostic Module X1
K36 Inflatable Restraint Sensing and Diagnostic Module X2
K41R Rear Parking Assist Control Module X1 (UD7)

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K41R Rear Parking Assist Control Module X2 (UD7)
K43 Power Steering Control Module X1
K43 Power Steering Control Module X2
K60 Steering Column Lock Control Module (ULS)
K61 Sunroof Control Module (CF5)
K73 Telematics Communications Interface Control Module X1 (UE1)
K73 Telematics Communications Interface Control Module X2 (UE1)
K77 Remote Control Door Lock Receiver
K84 Keyless Entry Control Module X1 (ATH)
K84 Keyless Entry Control Module X2 (ATH)
K84 Keyless Entry Control Module X4 (ATH)
K85 Passenger Presence Detection Module X1
K85 Passenger Presence Detection Module X2
K89 Immobilizer Control Module
M6 Air Temperature Door Actuator
M8 Blower Motor
M37 Mode Door Actuator
M40 Rear Compartment Lid Latch
M46 Air Recirculation Door Actuator
M50D Seat Front Vertical Motor - Driver (ADS)
M51D Seat Horizontal Motor - Driver (ADS)
M55D Seat Rear Vertical Motor - Driver (ADS)
M74D Window Motor - Driver (AEC)
M74D Window Motor - Driver (AXG)
M74LR Window Motor - Left Rear
M74P Window Motor - Passenger
M74RR Window Motor - Right Rear
M75 Windshield Wiper Motor
M93 Ignition Cylinder Lock Control Solenoid Actuator (MH8)
M96 Active Grille Air Shutter Actuator (Y8X)
P2 Transmission Shift Lever Position Indicator (MH8)
P12 Horn
P14 Passenger Air Bag Disable Indicator
P16 Instrument Cluster
P17 Info Display Module (UAG)
P17 Info Display Module X1 (UHQ)
P17 Info Display Module X2 (UHQ)
P19AA Speaker - Right Subwoofer
P19AG Speaker - Left Front Door
P19AH Speaker - Right Front Door
P19AL Speaker - Left Rear Door

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P19B Speaker - Center Instrument Panel (UQA)
P19H Speaker - Left Front Tweeter
P19N Speaker - Left Subwoofer
P19V Speaker - Right Front Tweeter
Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUV)
Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LUW/LWE)
Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUV)
Q6F Camshaft Position Actuator Solenoid Valve - Intake (LUW/LWE)
Q8 Control Solenoid Valve Assembly X1 (MH8)
Q8 Control Solenoid Valve Assembly X2 (MH8)
Q8 Control Solenoid Valve Assembly X3 (MH8)
Q8 Control Solenoid Valve Assembly X4 (MH8)
Q12 Evaporative Emission Purge Solenoid Valve (LUV)
Q12 Evaporative Emission Purge Solenoid Valve (LUW/LWE)
Q13 Evaporative Emission Vent Solenoid Valve
Q17A Fuel Injector 1 (LUV)
Q17A Fuel Injector 1 (LUW/LWE)
Q17B Fuel Injector 2 (LUV)
Q17B Fuel Injector 2 (LUW/LWE)
Q17C Fuel Injector 3 (LUV)
Q17C Fuel Injector 3 (LUW/LWE)
Q17D Fuel Injector 4 (LUV)
Q17D Fuel Injector 4 (LUW/LWE)
Q22 Intake Manifold Tuning Solenoid Valve (LUW/LWE)
Q38 Throttle Body
Q40 Turbocharger Bypass Solenoid Valve (LUV)
Q42 Turbocharger Wastegate Solenoid Valve (LUV)
Q46 A/C Compressor Solenoid Valve
S2 Transmission Manual Shift Switch (MH8)
S3 Transmission Shift Lever (MH8)
S13D Door Lock Switch - Driver
S26 Hazard Lamps Switch
S30 Headlamp Switch
A26 HVAC Controls
S38 Igntion Mode Switch (BTM)
S39 Ignition Switch
S52 Outside Rearview Mirror Switch
S64D Seat Adjuster Switch - Driver (ADS)
S70L Steering Wheel Controls Switch - Left (K34)
S70R Steering Wheel Controls Switch - Right (W1Y)
S72 Sunroof Switch (CF5)

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S75 Traction Control Switch (FX3)
S78 Turn Signal/Multi-Function Switch
S79D Window Switch - Driver (AEC)
S79D Window Switch - Driver (AXG)
S79LR Window Switch - Left Rear
S79P Window Switch - Passenger
S79RR Window Switch - Right Rear
S82 Windshield Wiper/Washer Switch
S88 Sunroof Tilt Switch (CF5)
T3 Audio Amplifier X1 (UQA)
T3 Audio Amplifier X2 (UQA)
T3 Audio Amplifier X3 (UQA)
T10E Keyless Entry Antenna - Rear Compartment (ATH)
T10G Keyless Entry Antenna - Rear Fascia (ATH)
T10J Keyless Entry Antenna - Center Console Front (ATH)
T10K Keyless Entry Antenna - Center Console Rear (ATH)
T10M Keyless Entry Antenna - Driver Door Handle (ATH)
T10N Keyless Entry Antenna - Passenger Door Handle (ATH)
T11 Multimedia Player Interface Module (KTA)
X80L Accessory Power Receptacle - Rear Console
X83 Auxiliary Audio Input
X84 Data Link Connector
X85 Steering Wheel Air Bag Coil X1
X85 Steering Wheel Air Bag Coil X2
X85 Steering Wheel Air Bag Coil X3

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2013 ELECTRICAL

Wiring Systems and Power Management - Description and Operation - Cruze

DESCRIPTION AND OPERATION

ELECTRONIC PARK LOCK DESCRIPTION AND OPERATION

Without ATH or BTM

If the vehicle is equipped with automatic transmission and a floor mounted console gear shift, it has an electronic park lock system (EPL). The EPL system purpose is to prevent the ignition key from being turned to the OFF position when the transmission is in any position other than PARK and the vehicle may still be moving. The EPL system consists of an ignition lock cylinder solenoid, and a park position switch that is located in the A/T shift lock control switch. The ignition lock cylinder solenoid contains a pin that is spring loaded to mechanically prevent the ignition key cylinder from being turned to the lock position when the vehicle transmission is not in the PARK position. If vehicle power is lost, and/or the transmission is not in the Park position the operator will not be able to turn the ignition key to the lock position and will not be able to remove the ignition key from the column.

With ATH or BTM

If the vehicle is equipped with automatic transmission and a floor mounted console gear shift, it has an electronic park lock system. The electronic park lock system purpose is to prevent the ignition from being switched to the OFF position when the transmission is in any position other than PARK and the vehicle may still be moving. The electronic park lock system incorporates the park position switch that located in the A/T shift lock control switch. When the transmission shift selector is in PARK, the park position switch closes and the BCM allows the ignition to be turned OFF.

If the vehicle is not in PARK, the ignition will return to ACC/ACCESSORY and display the message SHIFT TO PARK in the Driver Information Center. When the vehicle is shifted into PARK, the ignition system will switch to OFF.

POWER MODE DESCRIPTION AND OPERATION

Serial Data Power Mode Master

Power to many of this vehicles circuits is controlled by the module that is designated the power mode master. This vehicles power mode master is the body control module (BCM). The BCM has multiple B+ circuits that feed into it. Each of those circuits are partitioned within the controller to drive certain outputs of the vehicle's body functions. An open or short in any one of the B+ circuits may induce multiple codes/or a section of non-functionality within the BCM with the rest of the BCM functioning normally. In this case it is useful to refer to the power distribution schematics to determine if the non-functional partition of the controller shares a common B+ circuit. The ignition switch is a low current switch with multiple discrete ignition switch signals to the power mode master for determination of the power mode that will be sent over the serial data circuits to the other modules that need this information. The power mode master will also activate relays and other direct outputs of the power mode master as needed. The power mode master determines which power mode (Off, Accessory, Run, Crank Request) is required, and reports this information to other modules via serial data.

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Modules which have switched voltage inputs may operate in a default mode if the power mode serial data message does not match what the individual module can see from its own connections.

The power mode master receives ignition switch signals to identify the operators desired power mode. The Power Mode Parameters table below illustrates the correct state of these input parameters (circuits) in correspondence to the ignition switch position:

Power Mode Parameters

Ignition Switch Position	Power Mode Transmitted	Ign. Off/Run/Crank (Off/Run Crank Voltage Circuit)	Ignition Accessory/Run (Accessory Voltage Circuit)	Ignition Run/Crank (Ignition 1 Voltage Circuit)
Off Key Out	Off	Key Out / ACC	Inactive	Inactive
Off Key IN	Off	Key In / Off	Inactive	Inactive
Accessory	Accessory	Key Out / ACC	Active	Inactive
Run	Run	Run	Active	Active
Start	Crank Request	Crank	Inactive	Active

Relay Controlled Power Mode

The BCM uses the discrete ignition switch inputs Off/Run/Crank Voltage, Accessory Voltage, and Ignition 1 Voltage, to distinguish the correct power mode. The BCM, after determining the desired power mode, will activate the appropriate relays for that power mode.

The retained accessory power relay remains on for a timed period after the Ignition key is removed. Refer to **Retained Accessory Power Description and Operation** for more information on the retained accessory power function.

Push Button Start (If Equipped)

The ignition mode switch has 2 LEDs that indicate the vehicle power mode. When the vehicle is in the off mode, both LED's will be off. Pressing the ignition mode switch button once (without the brake pedal applied), the vehicle enters the accessory mode and the amber LED (ACC) will illuminate. The accessory mode has a 5 minute timeout to reduce battery drain. Pressing the ignition mode switch button a second time (without the brake pedal applied), the vehicle enters the run/start mode (without the engine running) and the green LED (Run/Start) will illuminate. With the ignition off (without the brake pedal applied) and pressing and holding the push button start switch for up to 10 seconds will place the vehicle in run/start mode (without the vehicle running) and the green LED (Run/Start) will illuminate. With the ignition off (with the brake pedal applied), pressing the ignition mode switch button once, the vehicle will enter run/start mode and the green LED (run/start) will illuminate. This will start the engine. Both LED's have the voltage supplied from the body control module (BCM). The ignition mode switch sends the ignition mode switch status to the passive entry passive start module (PEPS) and to the BCM. The PEPS module sends a redundant signal to the BCM with the ignition mode switch status.

Battery Saver Mode (Transport Mode) (If Equipped)

The battery saver mode (transport mode) reduces the parasitic load of some modules during overseas shipment

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or during vehicle storage conditions. This improves the drain time on the battery (up to 70 days without the battery going dead). When the vehicle is in transport/storage, some features may have reduced functionality while in the battery saver mode (transport mode), such as disabling the Remote Function Actuator or content theft features.

The battery saver mode (transport mode) incorporates a latching relay that when enabled disconnects some modules from their ignition power or memory power sources. Battery saver mode (transport mode) is initiated by turning on the hazard flashers and then turning the ignition key into the crank position or pushing the push button start switch (if equipped) for greater than 15 seconds. The mode is disengaged by repeating the previous process causing the relay to latch in the other direction. After battery saver mode (transport mode) has been enabled, the BCM may not send the command to unlatch the relay until after the ignition has been switched to the off position for up to 1 minute. In battery saver mode (transport mode) the BCM will send a command to latch the relay for operation of those modules while the ignition is in the run position and then again unlatching the relay after the ignition is turned off. The DIC (if equipped) will display Transport Mode is On when the transport mode is enabled and Transport Mode is Off when the transport mode is disabled. For vehicles not equipped with a DIC, the battery indicator light will constantly flash on the Instrument Cluster when transport mode is enabled. Once the vehicle is running and the hazard flashers are on, turning the ignition key into the crank position or pushing the push button start switch (if equipped) for greater than 15 seconds will latch the relay in the other direction. This feature can be used as many times as necessary if the vehicle is to be stored for an extended period of time.

BCM Awake/Sleep States

The BCM is able to control or perform all of the BCM functions in the awake state. The BCM enters the sleep state when active control or normal monitoring of system functions has stopped and a time limit has passed. The BCM must detect certain wake-up inputs before entering the awake state. The BCM monitors for these inputs during the sleep state.

The BCM will enter the awake state if any of the following wake-up inputs are detected:

- Activity on the serial data line
- Detection of a battery reconnect
- Any door open signal
- Headlamps ON
- Key-in-ignition
- Ignition ON
- Park lamps ON
- Keyless entry or remote start message

The BCM will enter a sleep state when all of the following conditions exist:

- The ignition switch is OFF, key out.
- No activity exists on the serial data line.
- No outputs are commanded.
- No delay timers are actively counting.

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- No wake-up inputs are present.

If all these conditions are met, the BCM will enter a low power or sleep condition.

RETAINED ACCESSORY POWER DESCRIPTION AND OPERATION

Retained Accessory Power

The body control module (BCM) monitors the ignition switch position, battery condition, and each door ajar/open switch status to determine whether the retained accessory power should be initiated or terminated. Retained accessory power is controlled by two different methods; relay control and serial data. Some modules receive a retained accessory power message from the BCM over the serial data circuits. Serial data controlled retained accessory power is deactivated as required by their modules retained accessory power mode operation. Other subsystems are activated directly by the BCM through a relay. Components and systems that are active in retained accessory power are also activated anytime the ignition is any position other than OFF regardless of the door switch signals.

Relay Controlled Retained Accessory Power

The BCM keeps the relay energized during all power modes, except Off-Awake and Crank. The relay is also energized for approximately 10 minutes after shutting the ignition OFF and removing the key, providing no door is opened.

Relay controlled retained accessory power will end when one of the following conditions is met:

- The BCM receives an input from any door ajar or open switch indicating the opening of any door after the ignition key is out of the ignition.

NOTE: If the BCM is receiving any door ajar or open signal from those switches when the ignition key is turned OFF, retained accessory power will not initiate.

- The BCM internal timer for the retained accessory power expires after approximately 10 minutes.
- The BCM detects a decrease in battery capacity below a prescribed limit.

Systems powered by the retained accessory power relay during the retained accessory power mode are as follows:

NOTE: The vehicle may not be equipped with all components as listed below.

-
- Accessory Power Receptacle
- Cigarette Lighter Receptacle
- Window Switches
- Sunroof Control Module

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- Sunroof Switch
- Mobile Device Wireless Charger Module
- Mobile Telephone Control Module
- Traffic Data Receiver
- Transmission Shift Lever Position Indicator (w/floor mounted console gear shift)
- Seat Heating Control Module

Serial Data Controlled Retained Accessory Power

Retained accessory power systems controlled by serial data are as follows:

Radio

Radio retained accessory power activation / termination is the same as relay operation with one exception; the only door switch that will turn off the radio during retained accessory power is the driver door open switch.

Vehicle Communication Interface Module (VCIM) (Onstar®) (If Equipped)

VCIM RAP activation/termination is the same as radio operation with 1 exception; if there is an active call when the ignition key is turned off the VCIM will remain in RAP mode, and keep the radio in RAP mode until the call is terminated.

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2013 ACCESSORIES & EQUIPMENT

Wiring Systems and Power Management - Repair Instructions - Cruze

REPAIR INSTRUCTIONS

GMLAN AND MEDIA ORIENTED SYSTEMS TRANSPORT (MOST) WIRING REPAIRS

Special Tools

- **EL-38125-10** Splice Sleeve Crimping Tool
- DuraSeal splice sleeves
- A wire stripping tool

For equivalent regional tools, refer to **Special Tools** .

The DuraSeal splice sleeves have the following 2 critical features:

- A special heat shrink sleeve environmentally seals the splice. The heat shrink sleeve contains a sealing adhesive inside.
- A cross hatched (knurled) core crimp provides necessary contact integrity for the sensitive, low energy circuits.

The GM Local Area Network (GMLAN) System requires special wiring repair procedures due to the sensitive nature of the circuitry. Follow the specific procedures and instructions when working on GMLAN connectors and terminals.

GMLAN Repairs

NOTE: When making a repair to any GMLAN network, the original wire length after the repair must be the same length as before the repair. If the network is a twisted pair, the twist must be maintained after the repair is completed.

GMLAN has 2 types of networks, low speed and high speed. Low speed GMLAN has a single wire and works at slow speeds. High speed GMLAN has 2 wires in a twisted pair and works at higher speeds. For more information on GMLAN, refer to **Data Link Communications Description and Operation** .

GMLAN Connector Terminal Repair

NOTE: A terminated lead can be used to replace damaged connector terminals for both high speed and low speed GMLAN systems. When making a connector terminal repair on a GMLAN high speed system with twisted pair wires, do not untwist the wires more than necessary to make the repair.

If the individual terminals are damaged on any GMLAN connection, use the appropriate connector repair procedure in order to repair the terminal. Refer to **Connector Repairs** for the appropriate connector repair

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procedure.

GMLAN Wire Repair

NOTE: Refer to Wiring Repairs in the service information connector end views or the vehicle schematics in order to determine the correct wire size for the circuit you are repairing. You must obtain this information in order to ensure circuit integrity.

If any wire except the pigtail is damaged, repair the wire by splicing in a new section of wire of the same gauge size (0.5 mm^2 , 0.8 mm^2 , 1.0 mm^2 etc.). Use the DuraSeal splice sleeves and **EL-38125-10** tool. For wiring repair, refer to **Splicing Copper Wire Using Splice Sleeves** .

INSTRUMENT PANEL WIRING HARNESS FUSE BLOCK DISASSEMBLE

NOTE: To remove wires from the top part using terminal release tools, only steps 1, 3, 8, 9, 10, 11, 12 and 13 are required. Use release tool J-38125-38 for cavities 16-18, 20-34, 37-47.

Fuse Block Disassemble Procedure

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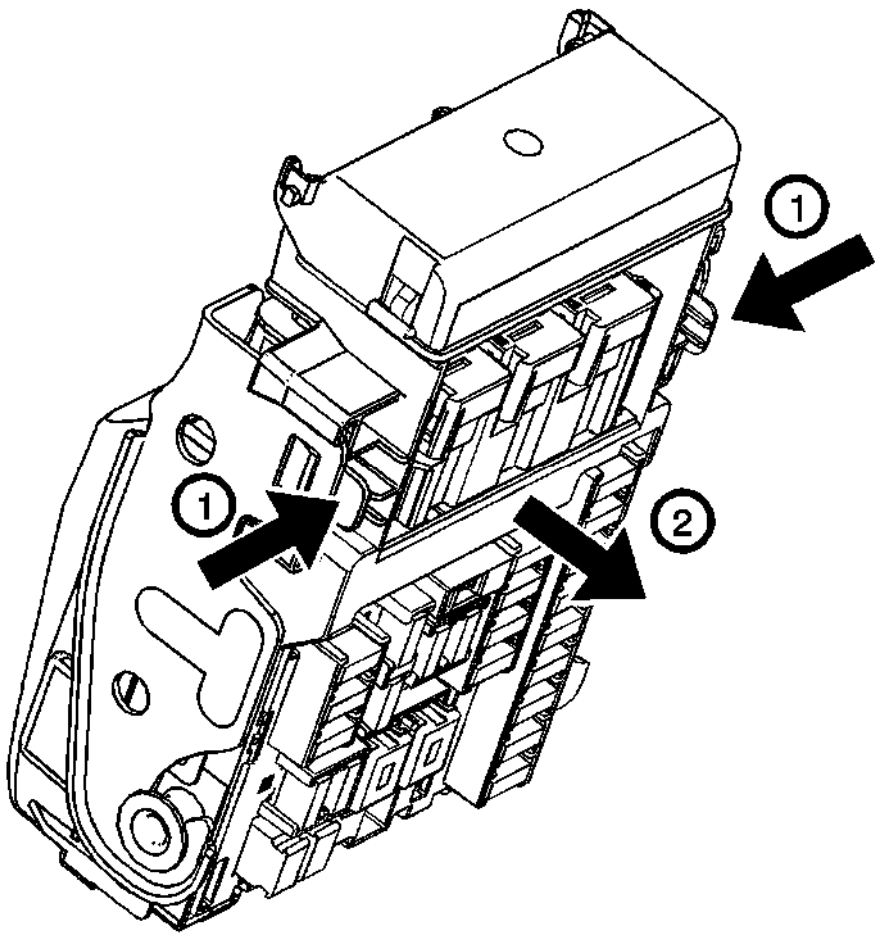


Fig. 1: Fuse Block & Locking Arms
Courtesy of GENERAL MOTORS COMPANY

1. Push the locking arms (1) and unlock the fuse block (2).

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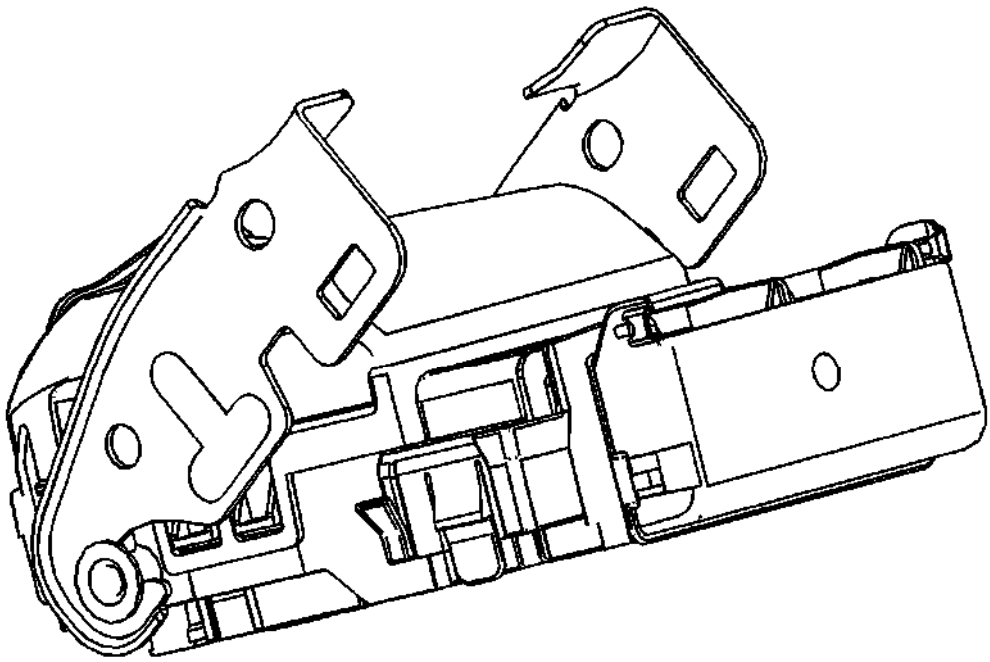


Fig. 2: Fuse Block In Unlocked Position
Courtesy of GENERAL MOTORS COMPANY

2. Fuse block unlocked.

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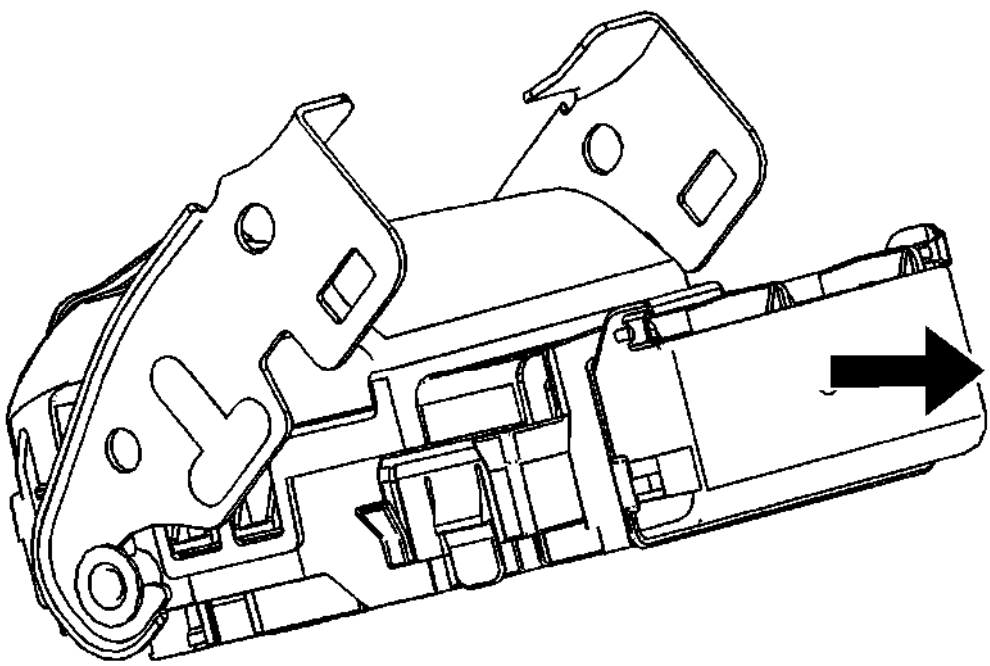


Fig. 3: Fuse Block & Bracket
Courtesy of GENERAL MOTORS COMPANY

3. Pull out and remove the fuse block from bracket.

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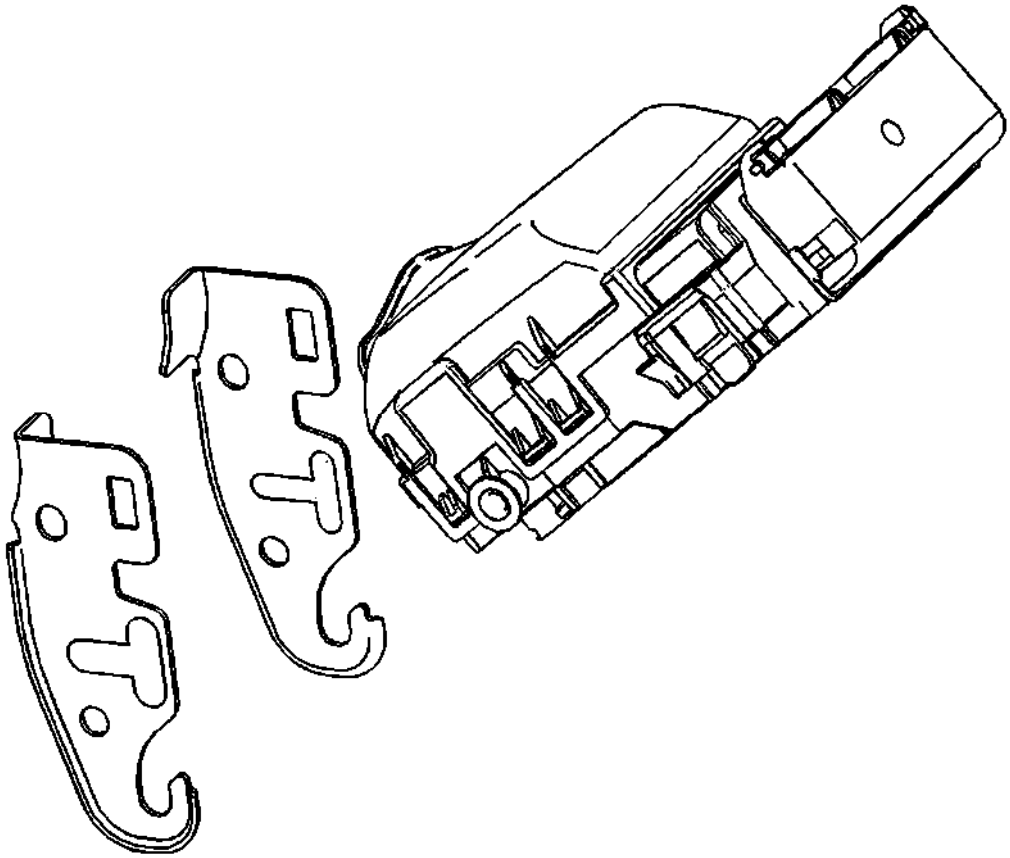


Fig. 4: Fuse Block & Brackets
Courtesy of GENERAL MOTORS COMPANY

4. Fuse block after removed from bracket.

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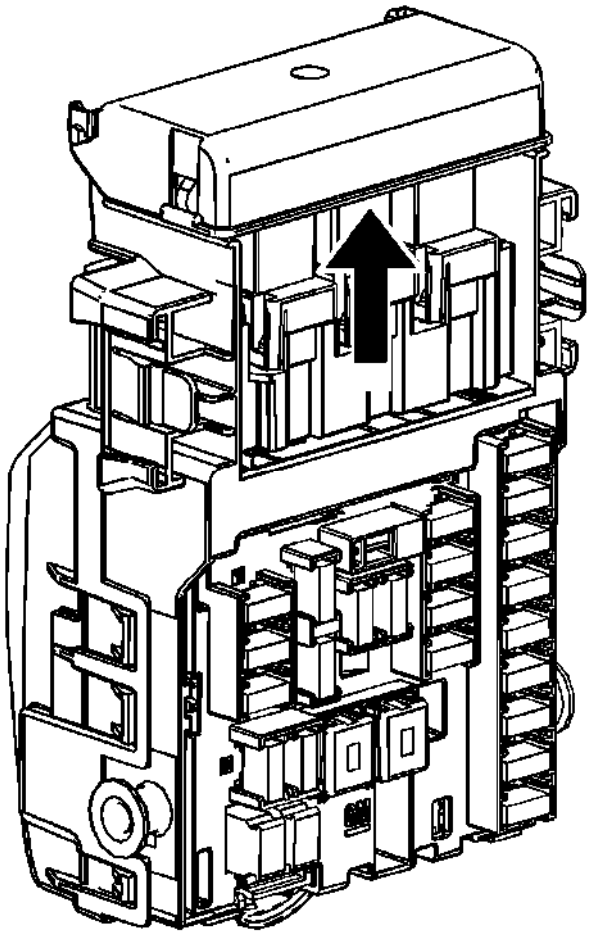


Fig. 5: Fuse Block & Relay Protection Cover
Courtesy of GENERAL MOTORS COMPANY

5. Push and open the relay protection cover.

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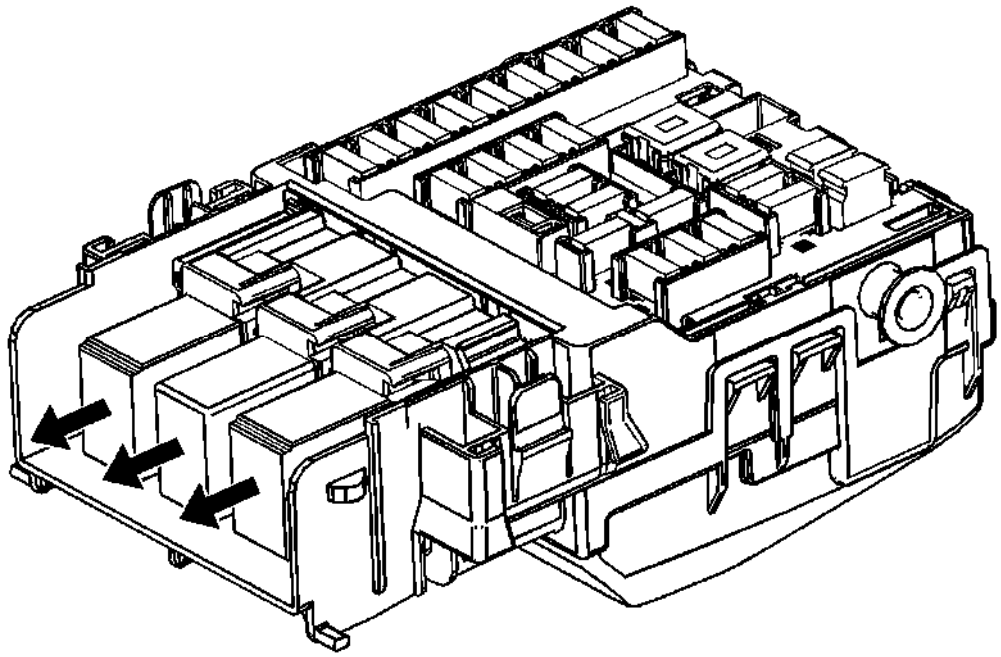


Fig. 6: Fuse Block Micro Relays
Courtesy of GENERAL MOTORS COMPANY

6. Remove micro relays (3x).

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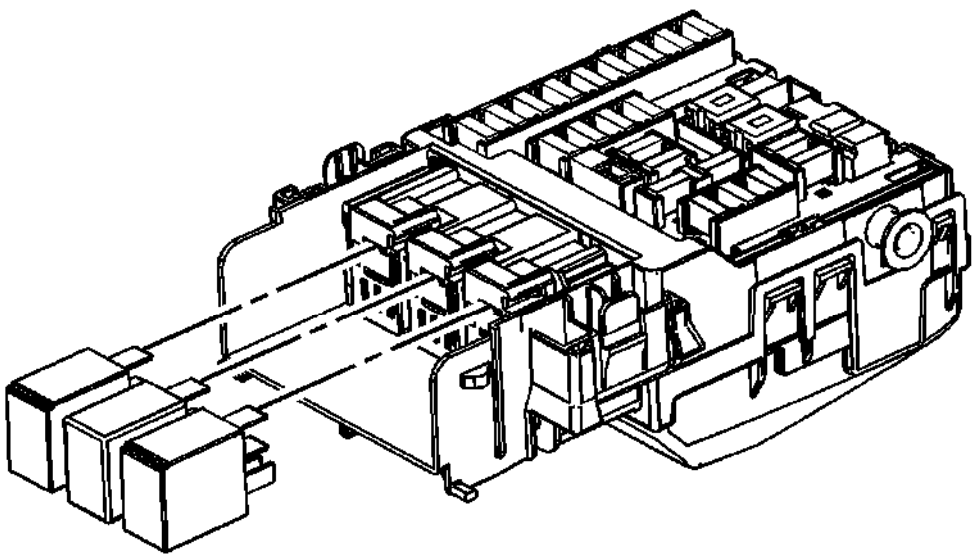


Fig. 7: Micro Relays
Courtesy of GENERAL MOTORS COMPANY

7. Fuse block with relays removed.

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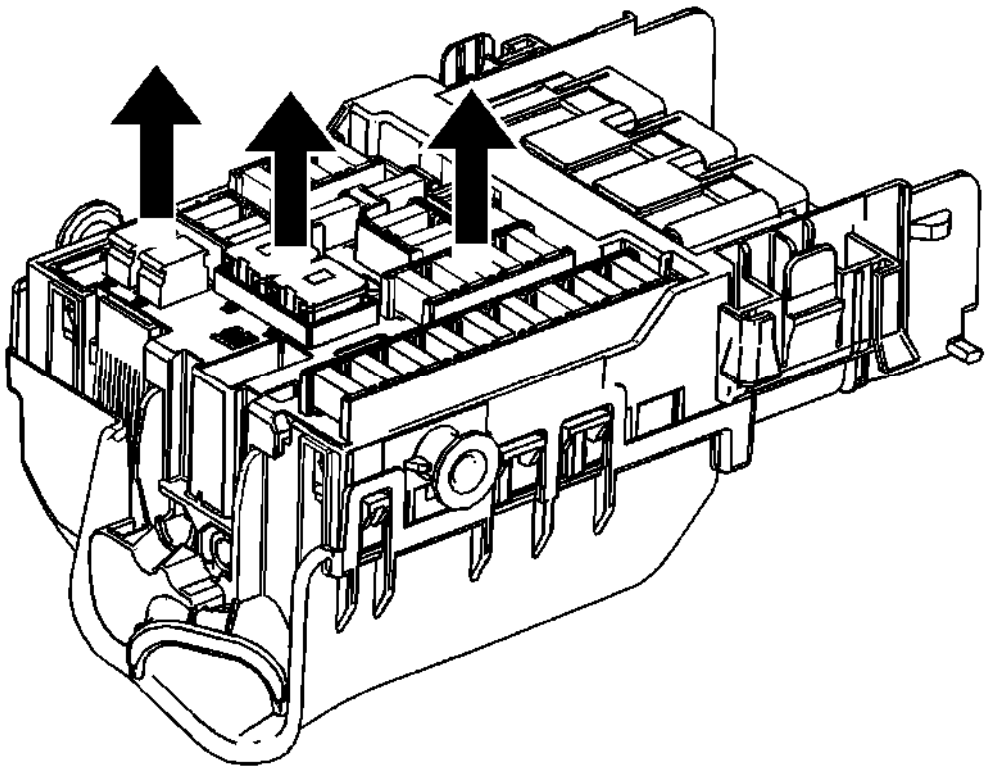


Fig. 8: Fuse Block Components
Courtesy of GENERAL MOTORS COMPANY

8. Remove mini fuses (22x), J-case fuses (2x), and circuit breakers (2x) from fuse block.

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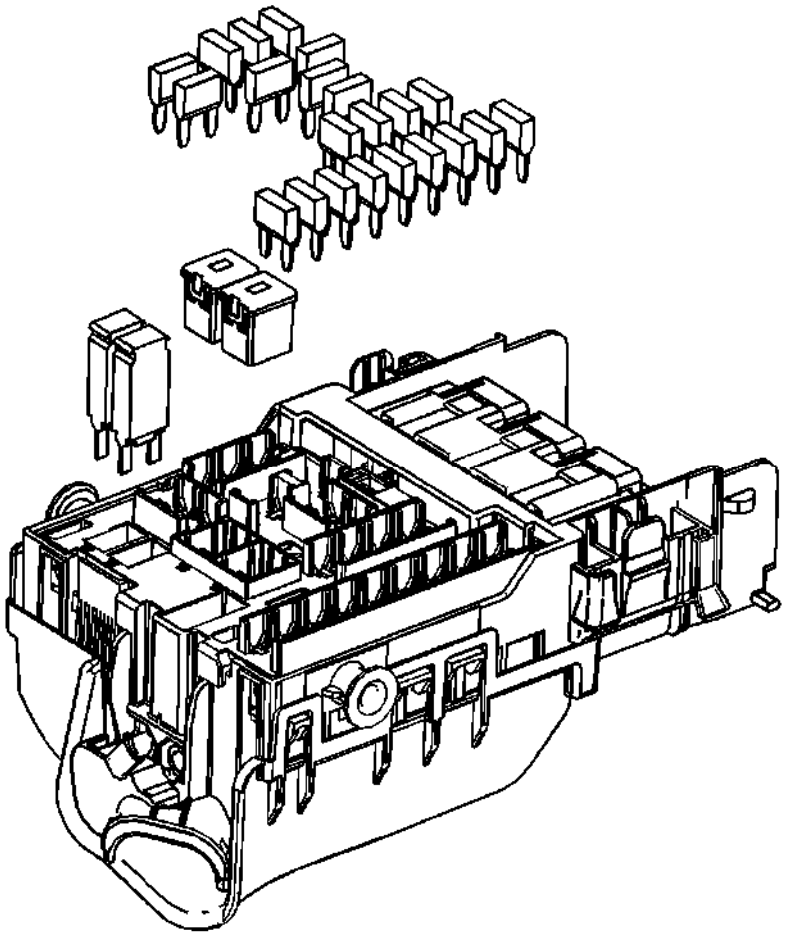


Fig. 9: View Of Fuse Block Components
Courtesy of GENERAL MOTORS COMPANY

9. Fuse block with all fuses and circuit breakers removed.

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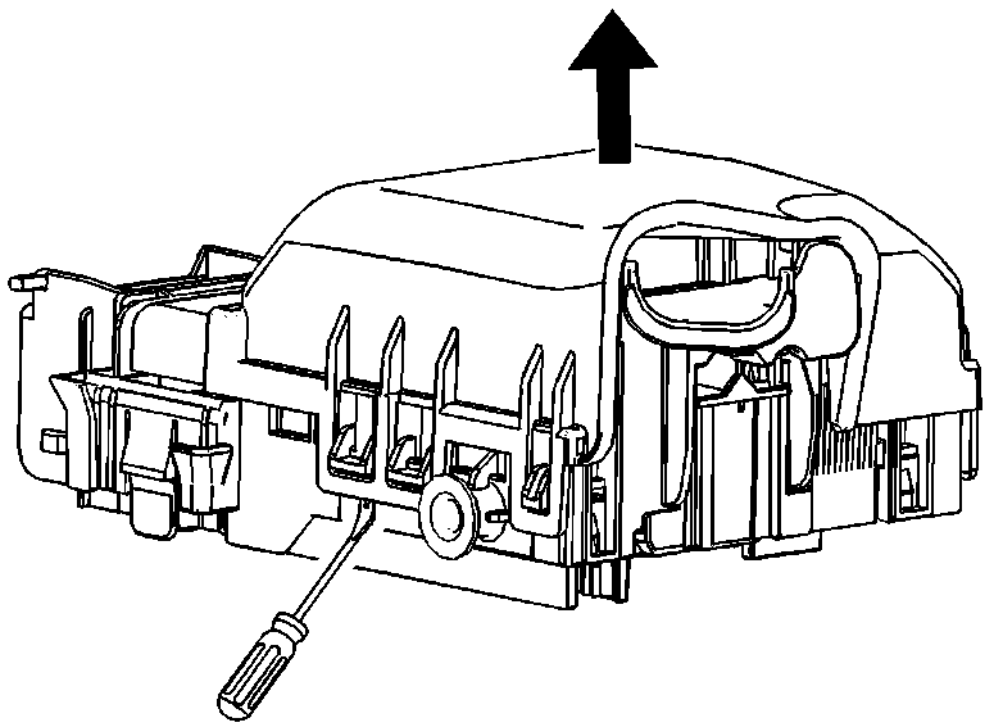


Fig. 10: Fuse Block Cover
Courtesy of GENERAL MOTORS COMPANY

10. Unlock (6 locking points) and remove bottom protection cover from fuse block.

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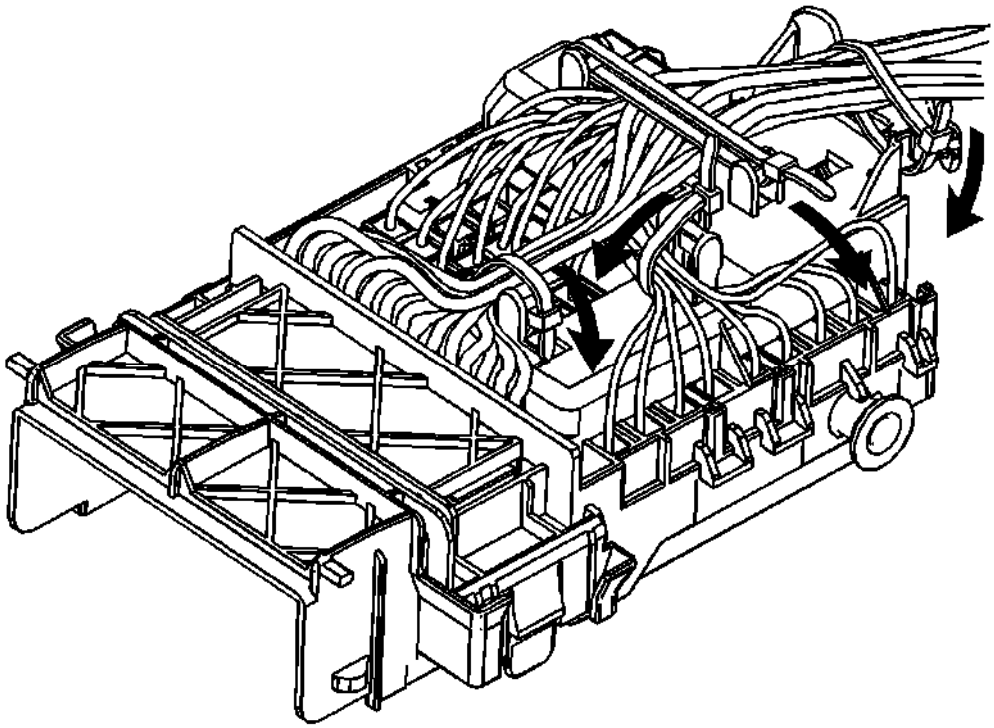


Fig. 11: Fuse Block Wires & Straps
Courtesy of GENERAL MOTORS COMPANY

11. Remove straps (4x) from wires.

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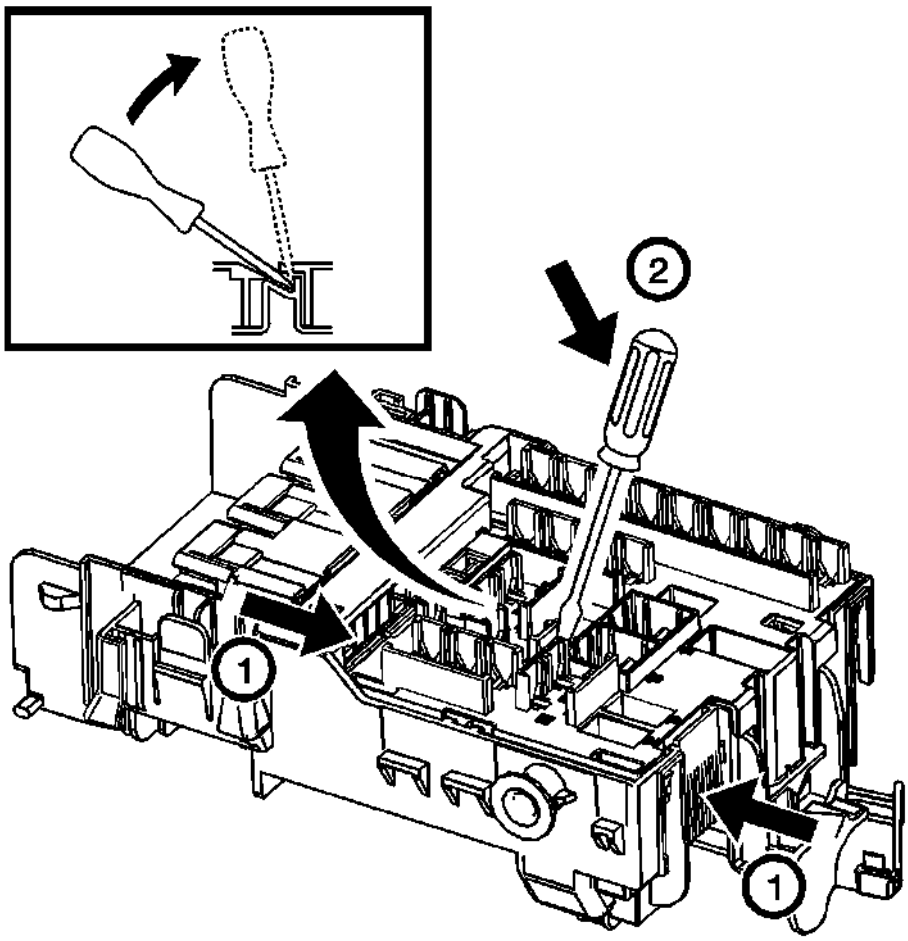


Fig. 12: Fuse Block Locking Arm Components
Courtesy of GENERAL MOTORS COMPANY

12. To place the top part (1) in pre-assembled position, press together locking arms on both sides of the bottom part (2), insert a pry tool into an appropriate hole in the top part and lever the top part upward until it remains in the pre-assembled position. Release the locking arms.

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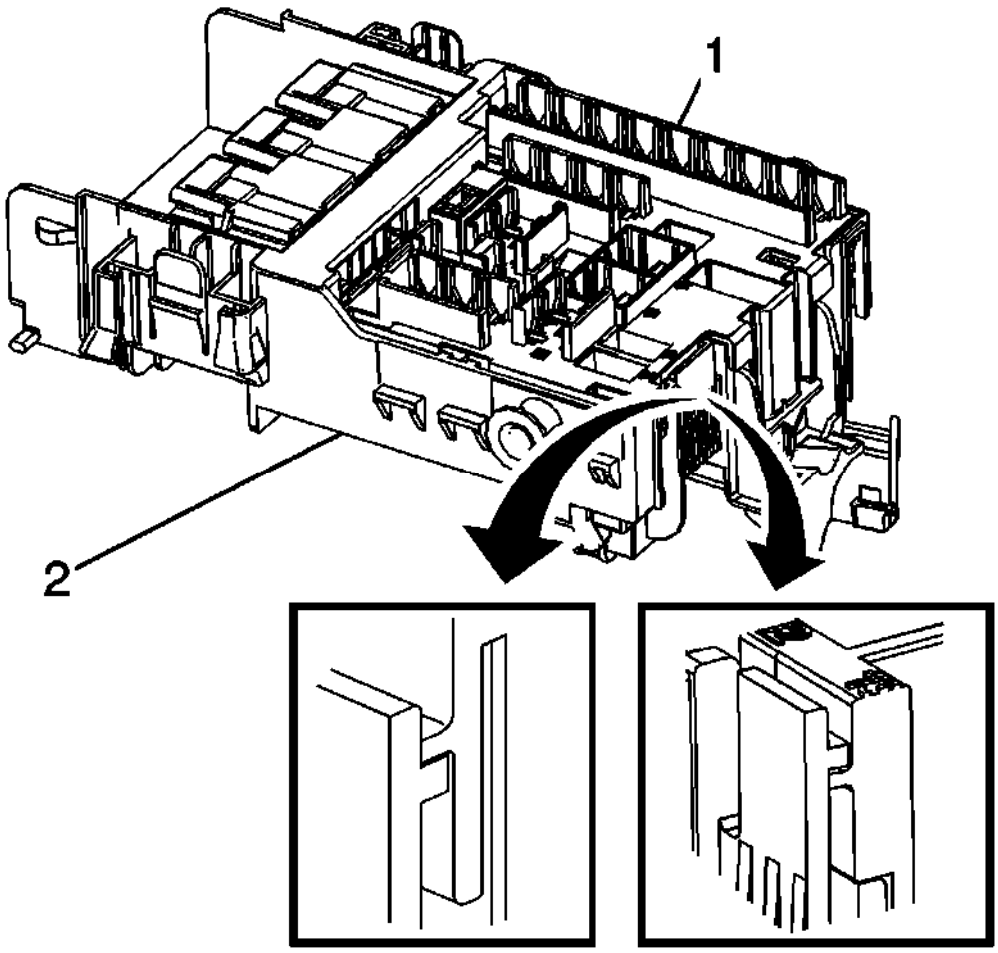


Fig. 13: Fuse Block Tabs
Courtesy of GENERAL MOTORS COMPANY

13. When the top part is in the pre-assembled position (required to release wire terminals), the tabs of the top part are on top of the tabs of the bottom part (left close-up view).

    When the top part is in the end-locking position (required after wires are inserted), the tabs of the bottom part are on top of the tabs of the top part (right close-up view).

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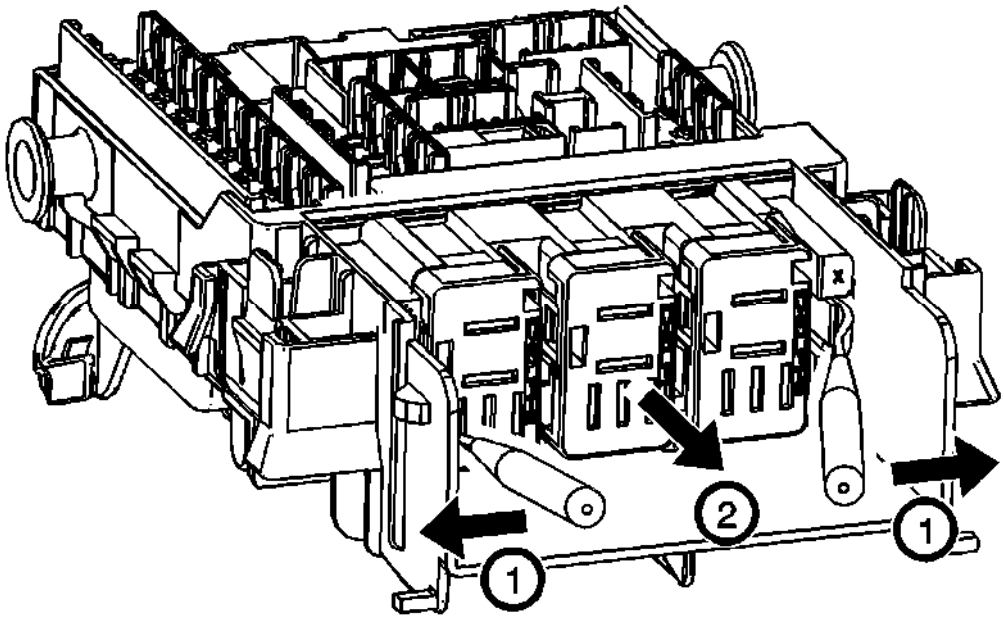


Fig. 14: Fuse Block Relays
Courtesy of GENERAL MOTORS COMPANY

14. Unlock and remove relay socket from fuse block.

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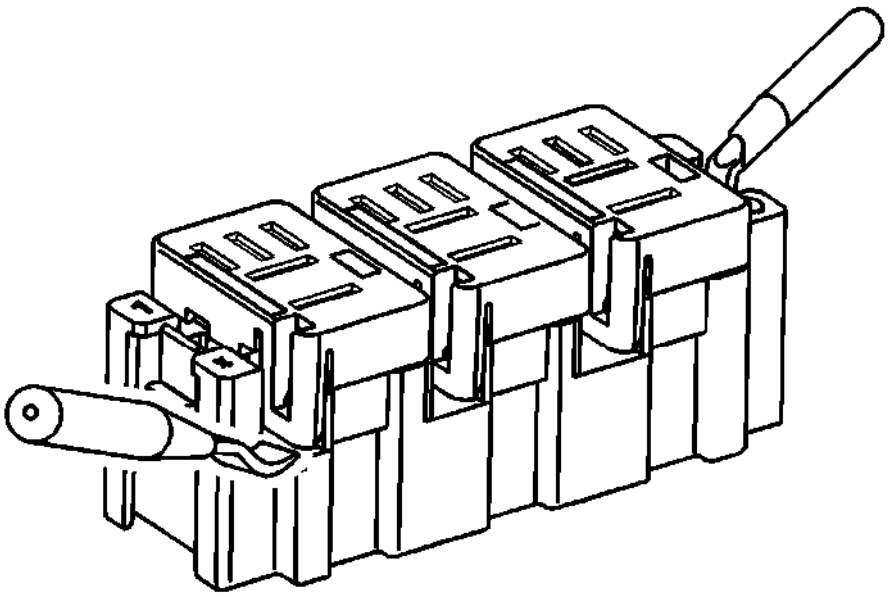


Fig. 15: Fuse Block Relay Socket & Locking Caps
Courtesy of GENERAL MOTORS COMPANY

15. Unlock (6 locking points) and remove locking caps (3x) from relay socket.

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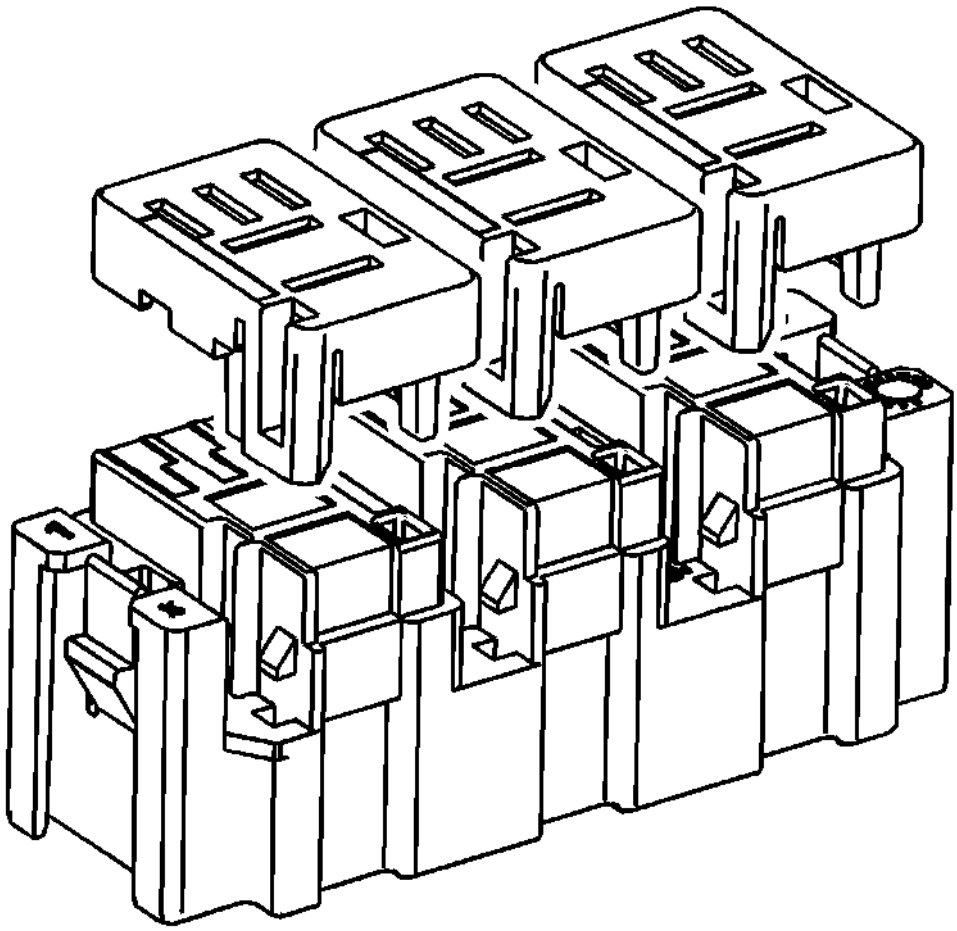


Fig. 16: Relay Socket & Locking Caps
Courtesy of GENERAL MOTORS COMPANY

16. Relay socket with locking caps removed.

RELAY REPLACEMENT (ATTACHED TO WIRE HARNESS)

Removal Procedure

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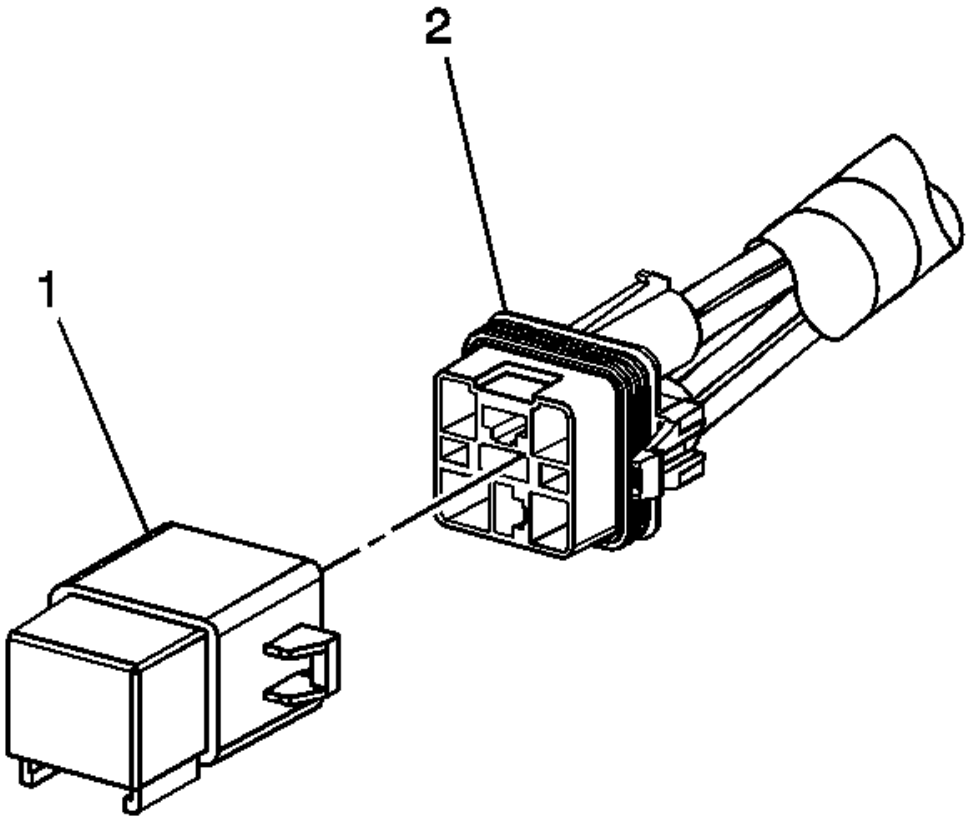


Fig. 17: Identifying Relay & Wire Harness Connector
Courtesy of GENERAL MOTORS COMPANY

1. Locate the relay. Refer to the **Master Electrical Component List** to locate the relay in the vehicle.
2. Remove any fasteners which hold the relay in place.
3. Remove any connector position assurance (CPA) devices or secondary locks.

NOTE: Use care when removing a relay in a wiring harness when the relay is secured by fasteners or tape.

4. Separate the relay (1) from the wire harness connector (2).

Installation Procedure

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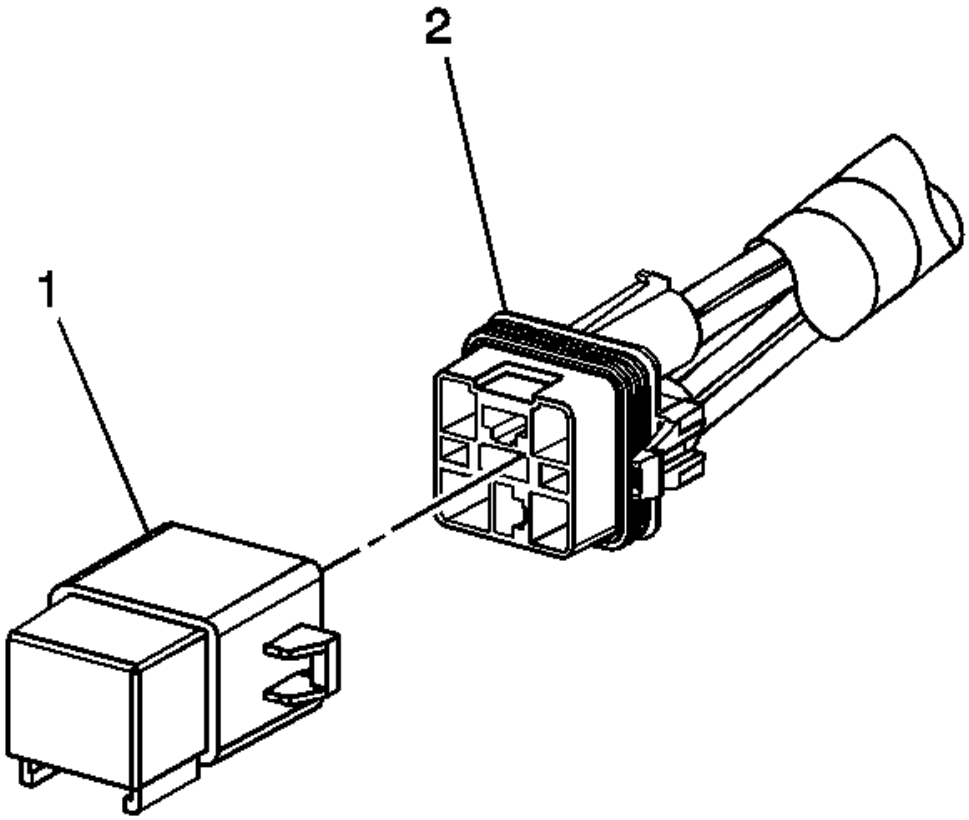


Fig. 18: Identifying Relay & Wire Harness Connector
Courtesy of GENERAL MOTORS COMPANY

1. Connect the relay (1) to the wire harness connector (2).
2. Install any connector position assurance (CPA) devices or secondary locks.
3. Install the relay using any fasteners or tape that originally held the relay in place.

RELAY REPLACEMENT (WITHIN AN ELECTRICAL CENTER)

Special Tools

EL-43244 Relay Puller Pliers

Removal Procedure

1. Remove the electrical center cover.

NOTE:

- **Always note the orientation of the relay.**

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- **If equipped with a notch style relay; observe the location of the notch on the old relay to verify the new relay is installed with the notch in the same location.**
- **Ensure that the electrical center is secure, as not to put added stress on the wires or terminals.**

2. Locate the relay. Refer to **Electrical Center Identification Views** to locate the electrical center where the relay exists.

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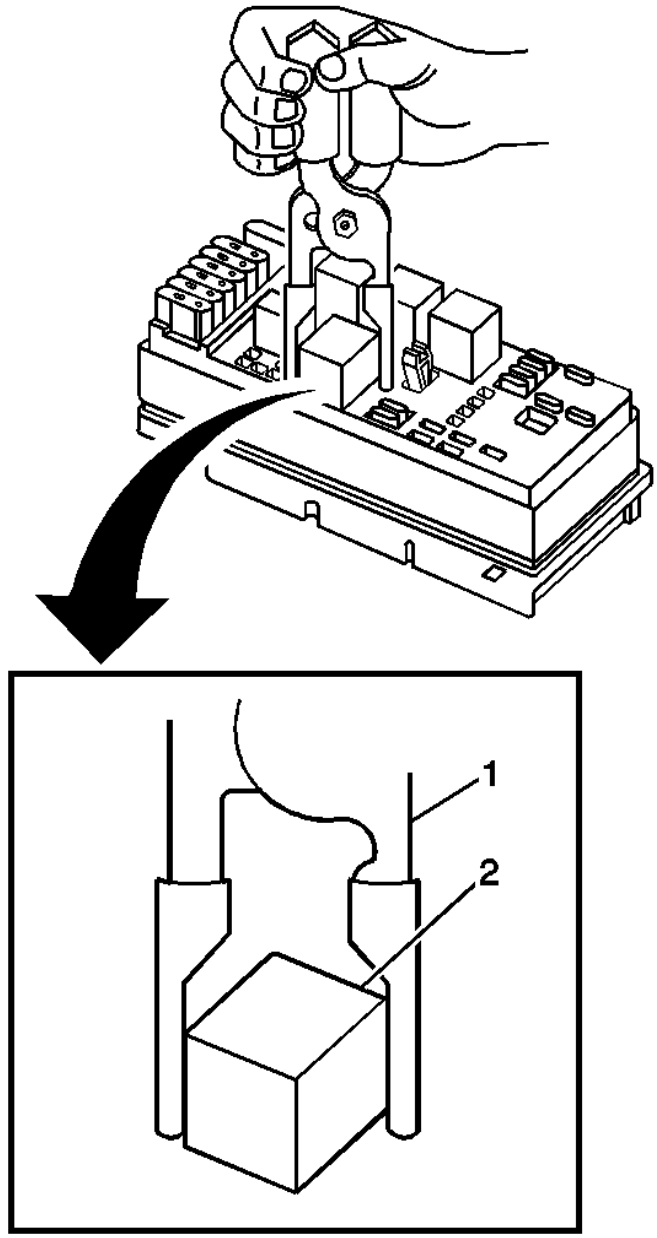


Fig. 19: Removing/Installing Relay
Courtesy of GENERAL MOTORS COMPANY

3. Using the EL-43244 (1) position the tool on opposing corners of the relay (2).

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CAUTION: Use EL-43244 to pull the relay straight out from the electrical center terminals. The use of pliers or a flat bladed tool could damage the electrical center.

4. Remove the relay (2) from the electrical center.

Installation Procedure

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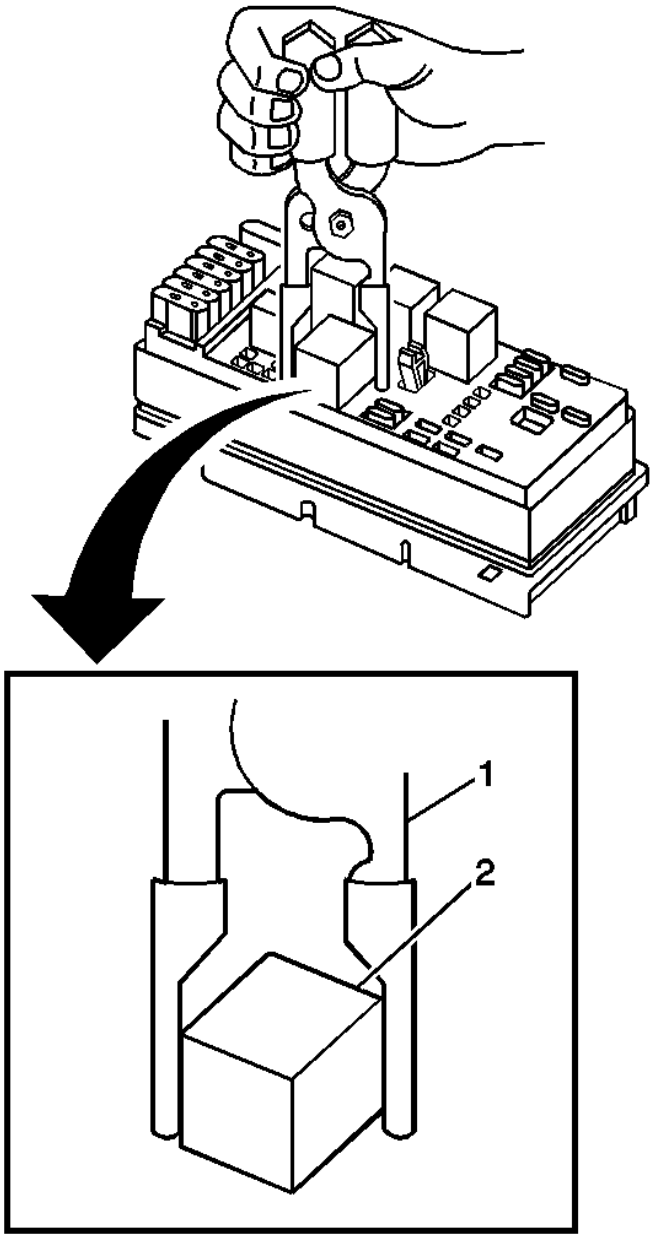


Fig. 20: Removing/Installing Relay
Courtesy of GENERAL MOTORS COMPANY

1. Install the relay (2) in the same position as removed.
2. Install the electrical center cover.

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GROUND REPAIR

Electrical Grounds

Proper electrical system function relies on secure, positive, corrosion-free ground connections. Loose, stripped, or corroded connections increase the possibility of improper system function and loss of module communication. These conditions may also lead to unnecessary repairs and component replacements.

In general, electrical ground connections are accomplished using one, or a combination of, three attachment methods:

- Welded M6 stud and nut
- Welded M6 nut and bolt
- Welded M8 nut and bolt

CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

Determine which attachment method is used, and carry out the appropriate repair.

M6 Weld Stud Replacement

1. Select a location adjacent the damaged or missing M6 ground stud having 20 mm (0.79 in) clearance behind the panel surface and 20 mm (0.79 in) clearance surrounding the M6 rivet stud flange.
2. Using GM approved residue-free solvent or equivalent, remove any grease from the repair site and allow to dry.

NOTE: Ensure 20 mm (0.79 in) clearance is maintained behind the panel to be drilled.

3. Drill a 10 mm (0.40 in) diameter hole through the panel.
4. Carefully remove paint and primer from the area surrounding the rivet stud flange until bare metal is visible.

CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

5. Select a replacement conductive M6 rivet stud. Refer to GM parts catalog for the correct part number and application.
6. Using a rivet stud installer, install the replacement conductive M6 rivet stud.
7. Ensure the new rivet stud is securely fastened, with no detectable movement.

NOTE: The rivet stud and surrounding panel area must be properly refinished prior to the installation of the ground terminal and nut to maintain positive

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electrical grounding.

8. Completely wrap the threads of the rivet stud with painters tape or equivalent.
9. Refinish the repair area using an anti-corrosion primer. Refer to **Anti-Corrosion Treatment and Repair** .
10. Allow the refinished repair area to cure sufficiently before removing the protective material applied to the rivet stud threads.
11. Remove the painters tape or equivalent from the rivet stud threads.
12. Using GM approved residue-free solvent or equivalent, thoroughly clean the rivet stud threads to remove any adhesive and allow to dry.
13. Carefully remove any corrosion from the electrical ground wire terminal. Refer to **Testing for Intermittent Conditions and Poor Connections** .
14. Using a small brush, apply Dielectric Lubricant GM P/N 12377900 (Canadian P/N 10953529) to the new conductive M6 rivet stud threads.
15. Install the ground terminal to the new rivet stud.
16. Select a new, conductive M6 nut. Refer to GM parts catalog for the correct part number and application.

CAUTION: Refer to Fastener Caution .

17. Install the M6 nut and tighten to 8 N.m (71 lb in).
18. Check for proper system operation.

M6 Weld Nut

CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

1. If the M6 weld nut at the electrical ground location is damaged or stripped, a new, conductive self-threading M7 bolt may be used to secure the ground terminal. Refer to GM parts catalog for the correct part number and application.
2. Using GM approved residue-free solvent or equivalent, remove any grease from the surface surrounding the weld nut and allow to dry.
3. Remove any loose metal particles from the damaged or stripped weld nut with a stiff brush.
4. Using a small brush, apply Dielectric Lubricant GM P/N 12377900 (Canadian P/N 10953529) to the new, conductive, self-threading M7 bolt threads.
5. Carefully remove any corrosion from the electrical ground terminal. Refer to **Testing for Intermittent Conditions and Poor Connections** .
6. Install the electrical ground terminal to the new, conductive M7 bolt.

CAUTION: Refer to Fastener Caution .

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7. Install the M7 bolt and tighten to 9 N.m (80 lb in).
8. Check for proper system operation.

M6 Weld Nut (Alternative Repair)

CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

1. If the electrical ground location is accessible from both sides of the panel, a conductive M6 bolt and a conductive M6 nut may be used to secure the electrical ground terminal. Refer to GM parts catalog for the correct part number and application.
2. Select a location adjacent the damaged M6 weld nut having 20 mm (0.79) clearance behind the panel surface and 20 mm (0.79) clearance surrounding the new electrical ground site.
3. Using GM approved residue-free solvent or equivalent, remove any grease from the surface surrounding the ground location and allow to dry.

NOTE: Ensure 20 mm (0.79 in) clearance is maintained behind the panel to be drilled.

4. Drill a 10 mm (0.40 in) diameter hole through the panel.
5. Carefully remove paint and primer from the area surrounding the new ground site until bare metal is visible.
6. Using a small brush, apply Dielectric Lubricant GM P/N 12377900 (Canadian P/N 10953529) to the new, conductive M6 bolt threads.
7. Carefully remove any corrosion from the electrical ground terminal. Refer to **Testing for Intermittent Conditions and Poor Connections** .
8. Install the electrical ground terminal and new, conductive M6 bolt to the ground location.

CAUTION: Refer to Fastener Caution .

9. Install the conductive M6 nut and tighten to 8 N.m (71 lb in).

NOTE: The repair area must be properly refinished to maintain positive electrical grounding.

10. Refinish the repair area using an anti-corrosion primer. Refer to **Anti-Corrosion Treatment and Repair** .
11. Check for proper system operation.

M8 Weld Nut

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CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

1. If the M8 weld nut electrical ground location is accessible from both sides of the panel, a conductive M8 bolt and a conductive M8 nut may be used to secure the ground terminal. Refer to GM parts catalog for the correct part numbers and application.
2. Select a location adjacent to M8 weld nut having 20 mm (0.79 in) clearance behind the panel surface and 20 mm (0.79 in) clearance surrounding the new electrical ground site.
3. Using GM approved residue-free solvent or equivalent, remove any grease from the surface surrounding the ground location and allow to dry.

NOTE: Ensure 20 mm (0.79 in) clearance is maintained behind the panel to be drilled.

4. Drill a 10 mm (0.40 in) diameter hole through the panel.
5. Carefully remove paint and primer from the area surrounding the new ground site until bare metal is visible.
6. Using a small brush, apply Dielectric Lubricant GM P/N 12377900 (Canadian P/N 10953529) to the new, conductive M8 bolt threads.
7. Carefully remove any corrosion from the electrical ground terminal. Refer to **Testing for Intermittent Conditions and Poor Connections** .
8. Install the electrical ground terminal and new, conductive M8 bolt to the ground location.

CAUTION: Refer to Fastener Caution .

9. Install the conductive M8 nut and tighten to 22 N.m (16 lb ft).

NOTE: The repair area must be properly refinished to maintain positive electrical grounding.

10. Refinish the repair area using an anti-corrosion primer. Refer to **Anti-Corrosion Treatment and Repair** .
11. Check for proper system operation.

M8 Weld Nut (Alternative Repair)

CAUTION: Use GM approved replacement fasteners with conductive finish for electrical ground repair.

1. If the M8 weld nut electrical ground location is not accessible from both sides of the panel, a conductive M6 rivet stud and a conductive M6 nut may be used to secure the ground terminal. Refer to GM parts catalog for the correct part numbers and application.

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2. Select a location adjacent the damaged M8 weld nut having 20 mm (0.79 in) clearance behind the panel surface and 20 mm (0.79 in) clearance surrounding the new, conductive M6 rivet stud flange.
3. Using GM approved residue-free solvent or equivalent, remove any grease from the repair site and allow to dry.

NOTE: Ensure 20 mm (0.79 in) clearance is maintained behind the panel to be drilled.

4. Drill a 10 mm (0.40 in) diameter hole through the panel.
5. Carefully remove paint and primer from the area surrounding the rivet stud flange until bare metal is visible.
6. Using a rivet stud installer, install the replacement conductive M6 rivet stud.
7. Ensure the new rivet stud is securely fastened, with no detectable movement.

NOTE: The rivet stud and surrounding panel area must be properly refinished prior to the installation of the ground terminal and nut to maintain positive electrical grounding.

8. Completely wrap the threads of the rivet stud with painters tape or equivalent.
9. Refinish the repair area using an anti-corrosion primer. Refer to **Anti-Corrosion Treatment and Repair** .
10. Allow the refinished repair area to cure sufficiently before removing the protective material applied to the rivet stud threads.
11. Remove the painters tape or equivalent from the rivet stud threads.
12. Using GM approved residue-free solvent or equivalent, thoroughly clean the rivet stud threads to remove any adhesive and allow to dry.
13. Carefully remove any corrosion from the electrical ground wire terminal. Refer to **Testing for Intermittent Conditions and Poor Connections** .
14. Using a small brush, apply Dielectric Lubricant GM P/N 12377900 (Canadian P/N 10953529) to the new conductive M6 rivet stud threads.
15. Install the ground terminal to the new, conductive M6 rivet stud.

CAUTION: Refer to Fastener Caution .

16. Install the conductive M6 nut and tighten to 8 N.m (71 lb in).
17. Check for proper system operation.

FUSE BLOCK REPLACEMENT

Removal Procedure

1. Disconnect battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .

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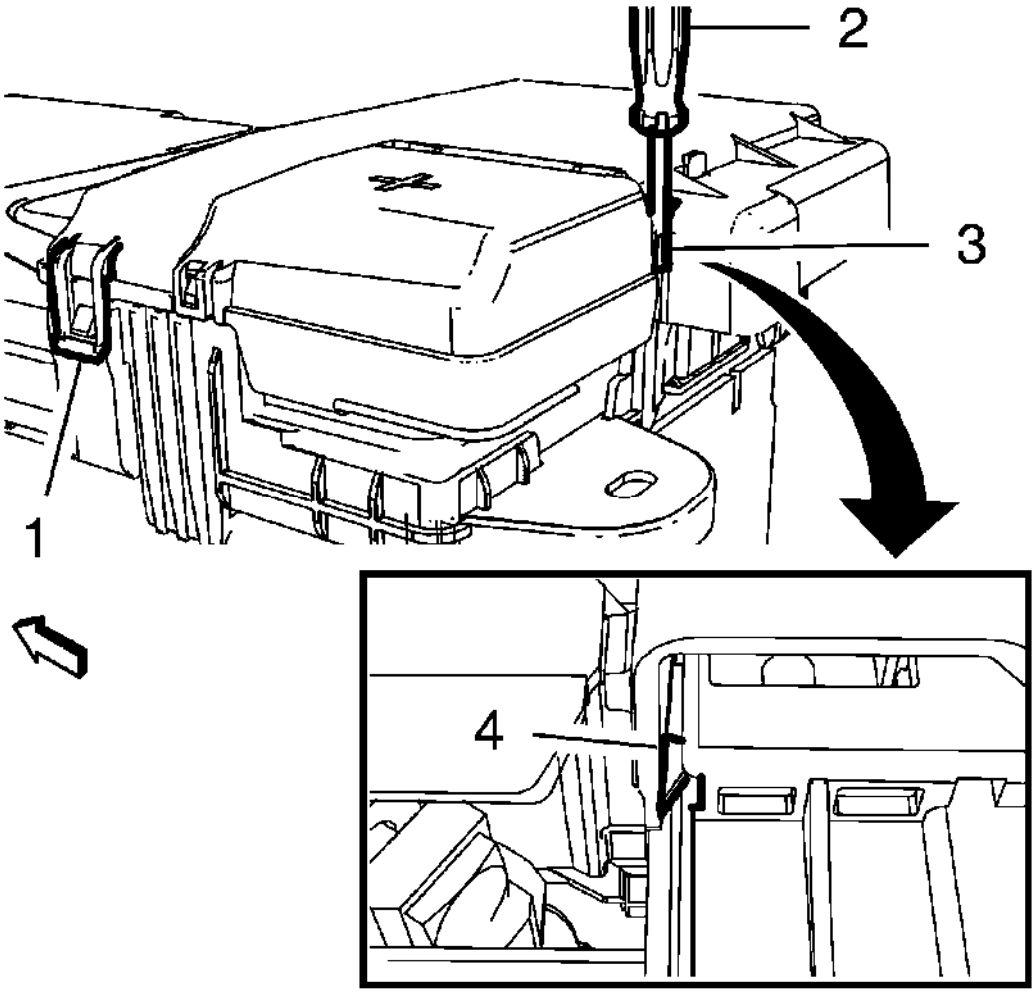


Fig. 21: Battery Fuse Box Cover
Courtesy of GENERAL MOTORS COMPANY

2. Unlock the retaining tab (1) on the battery fuse box cover.
3. Use a suitable screwdriver (2) to unlock the clip (4) through the window (3).

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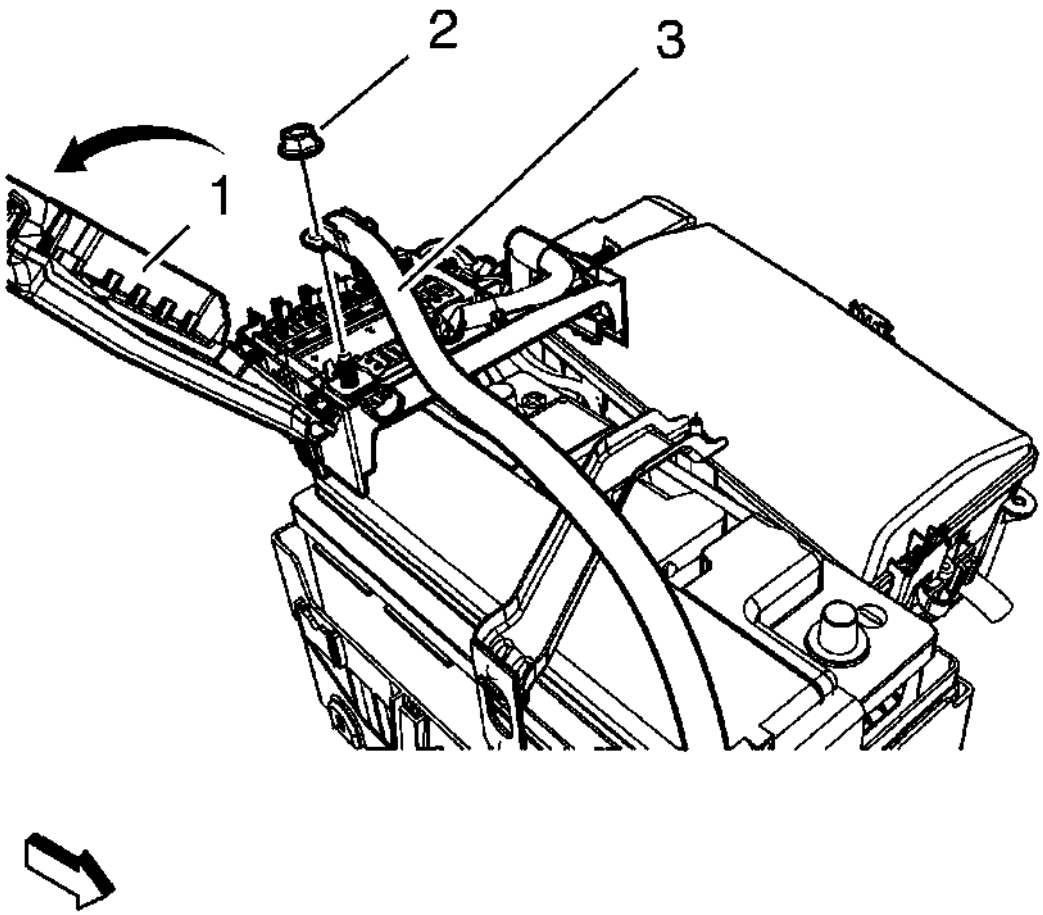


Fig. 22: View Of Fuse Box Cover, Battery Cable And Nut
Courtesy of GENERAL MOTORS COMPANY

NOTE: Pull the battery fuse box housing. DO NOT pull the flap.

4. Open the battery fuse box cover (1).
5. Remove the positive battery cable to starter nut (2).
6. Remove the positive battery cable to starter (3) from the battery.
7. Remove the positive battery cable. Refer to **Battery Positive Cable Replacement** .

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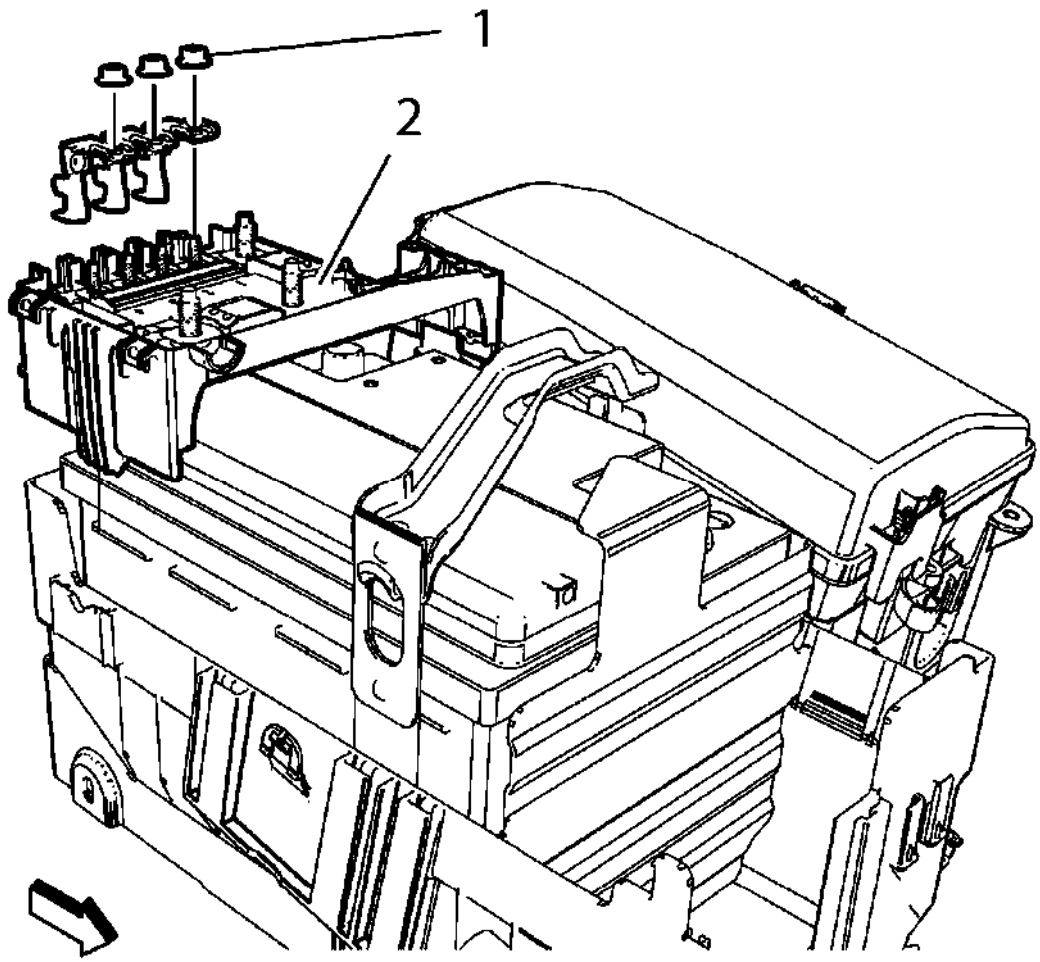


Fig. 23: Identifying Fuse Block, Body Wiring Harness And Nuts
Courtesy of GENERAL MOTORS COMPANY

8. Remove 2 body wiring harness nuts (1) and body wiring harness.
9. Remove fuse block (2).

Installation Procedure

1. Install fuse block.

CAUTION: Refer to Fastener Caution

2. Install body wiring harness and 2 body wiring harness nuts and tighten to 4.7 N.m (42 lb in).
3. Install the positive battery cable. Refer to **Battery Positive Cable Replacement** .

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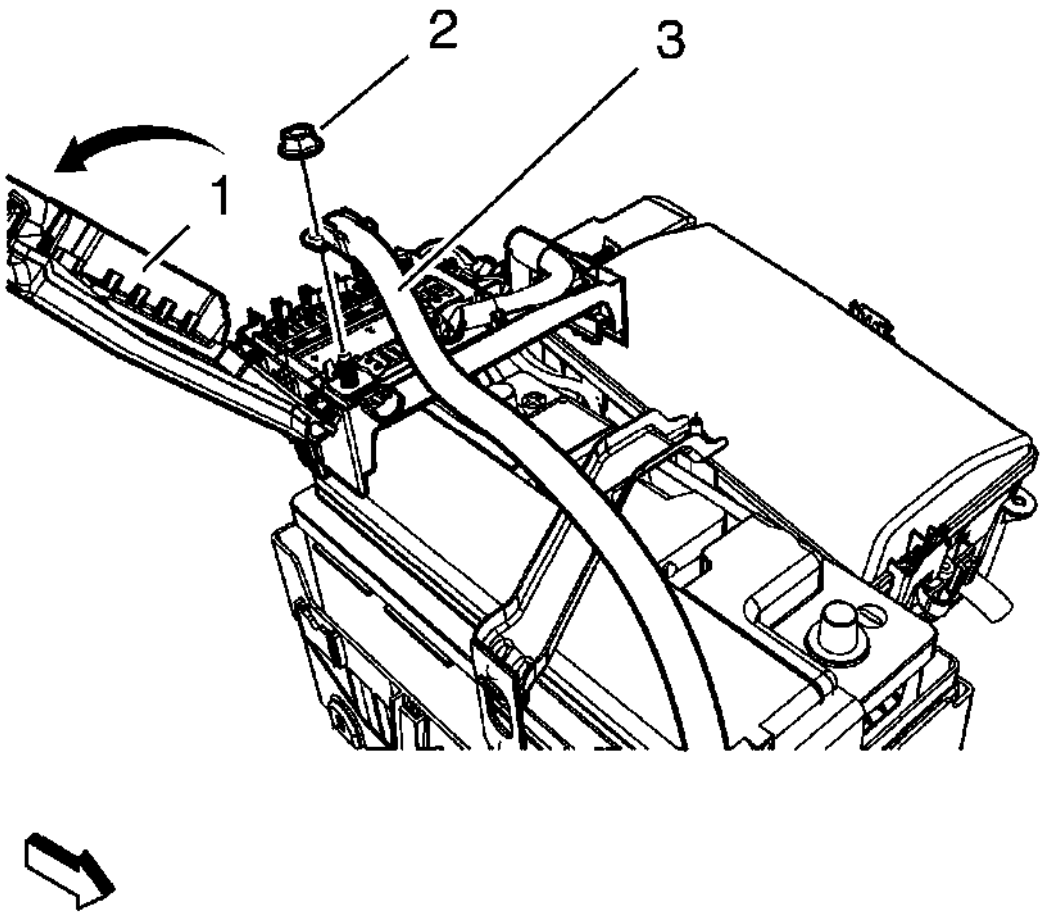


Fig. 24: View Of Fuse Box Cover, Battery Cable And Nut
Courtesy of GENERAL MOTORS COMPANY

4. Install the positive battery cable to starter (3).
5. Install the positive battery cable to starter nut (2) and tighten to 9 N.m (80 lb in).

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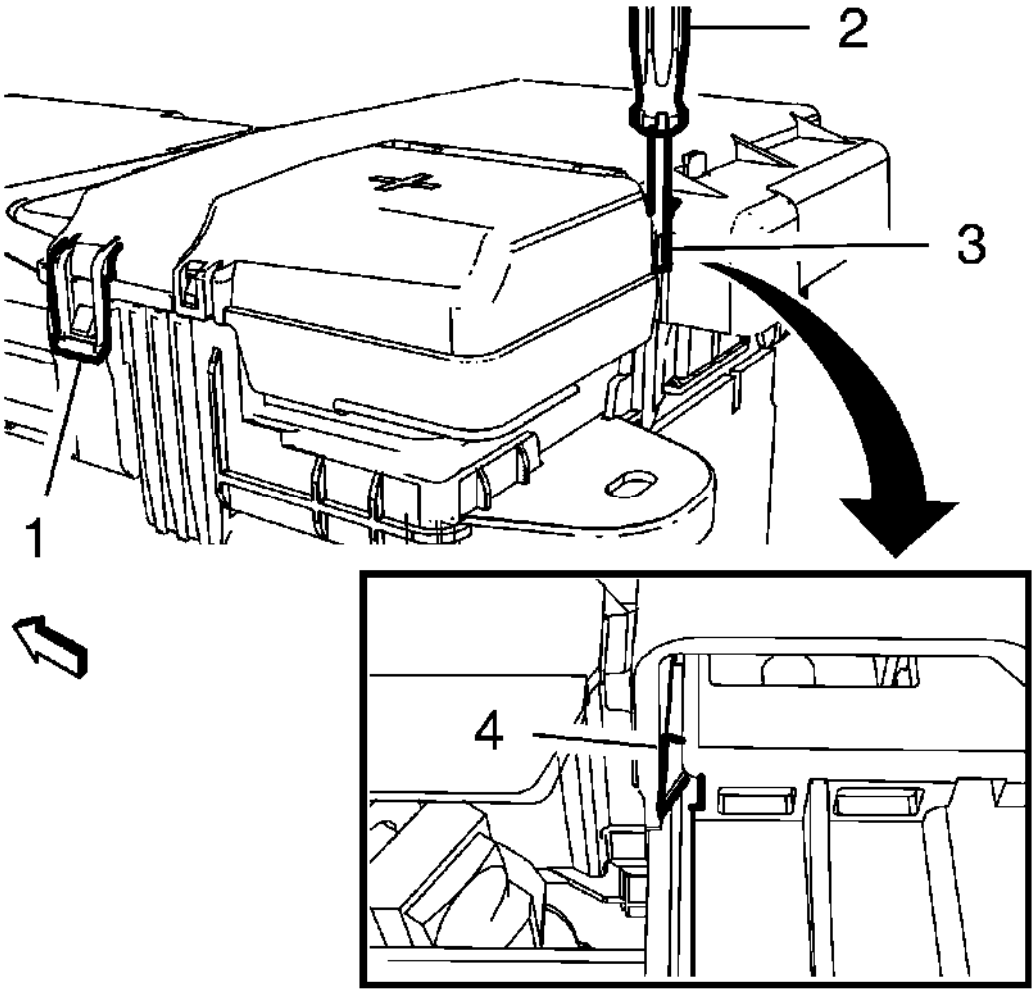


Fig. 25: Battery Fuse Box Cover
Courtesy of GENERAL MOTORS COMPANY

6. Close the battery fuse box cover and lock the retaining tabs (1) and (4).
7. Connect battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .

FRONT COMPARTMENT FUSE BLOCK REPLACEMENT

Removal Procedure

1. Disconnect battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .
2. Remove the front compartment fuse block cover. Refer to **Front Compartment Fuse Block Cover Replacement**.

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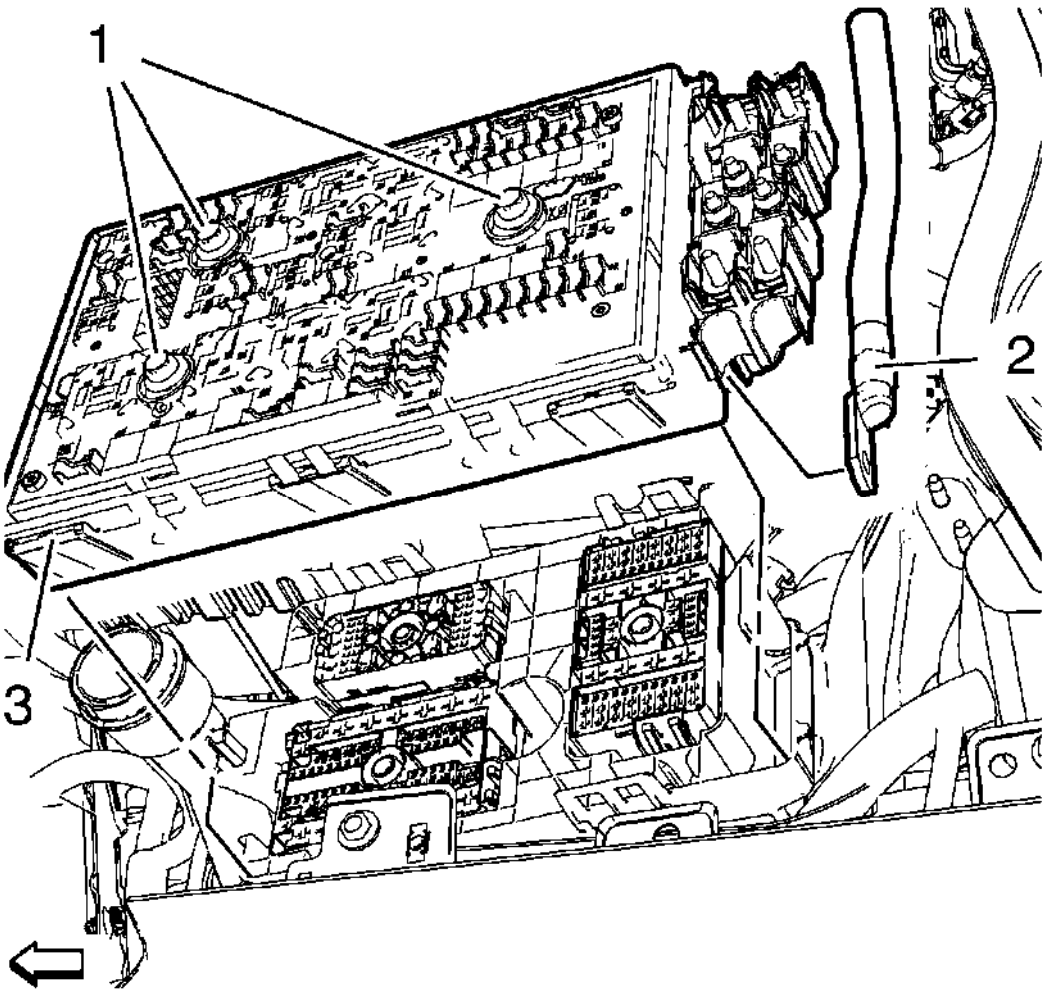


Fig. 26: View Of Front Compartment Fuse Block, Wiring Harness Supply And Fuse Block Bolt
Courtesy of GENERAL MOTORS COMPANY

NOTE: Bolts (1) are encapsulated on the end of threads so that they can not be removed from the fuse block. The fuse block must be pulled out to expose the positive cable lug.

3. Remove the 3 front compartment fuse block bolts (1).
4. Unlock retaining tabs and remove the front compartment fuse block (3).
5. Remove the front compartment fuse block wiring harness supply (2).

Installation Procedure

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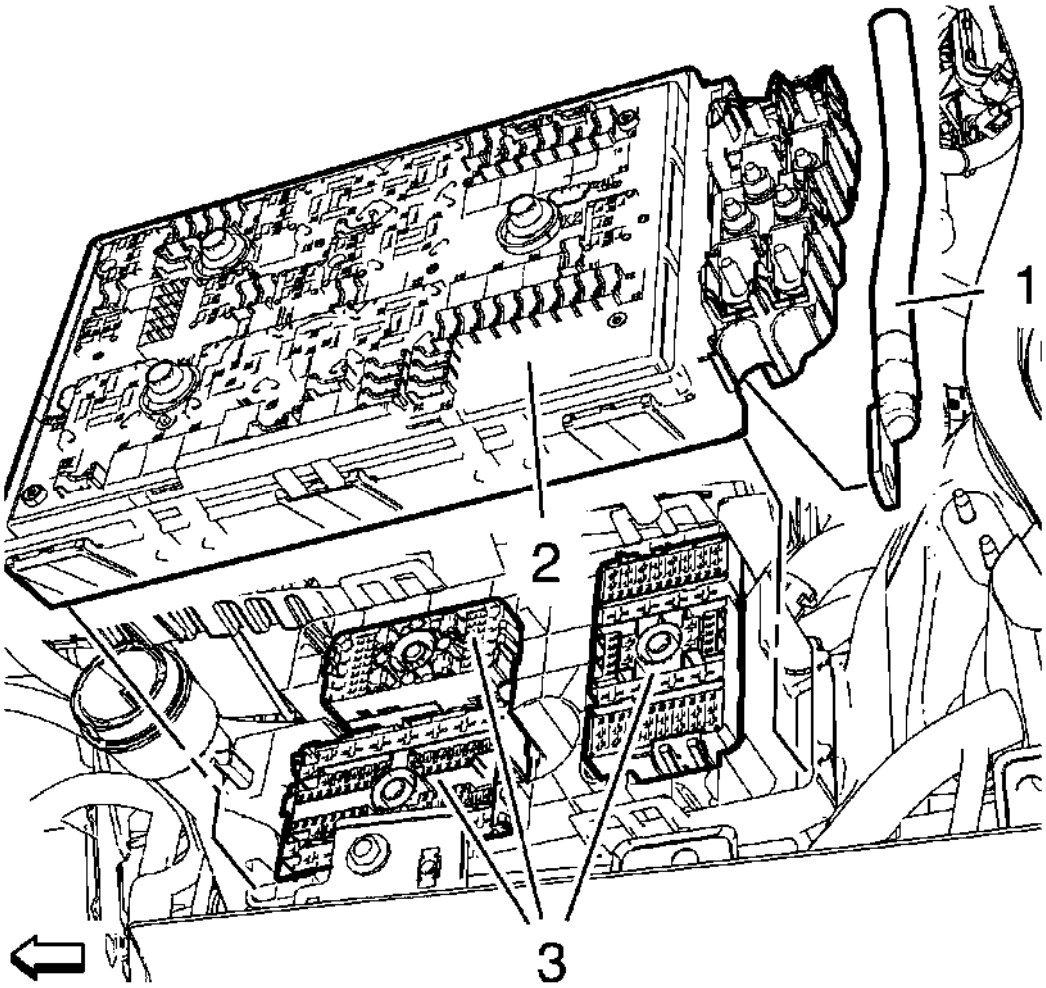


Fig. 27: Wiring Harness Supply, Front Compartment Fuse Block And Electrical Connectors
Courtesy of GENERAL MOTORS COMPANY

CAUTION: Refer to Fastener Caution .

1. Install front compartment fuse block wiring harness supply (1) and tighten to 12 N.m (106 lb in).
2. Push down the 3 electrical connectors (3) before installation of the front compartment fuse block (2).

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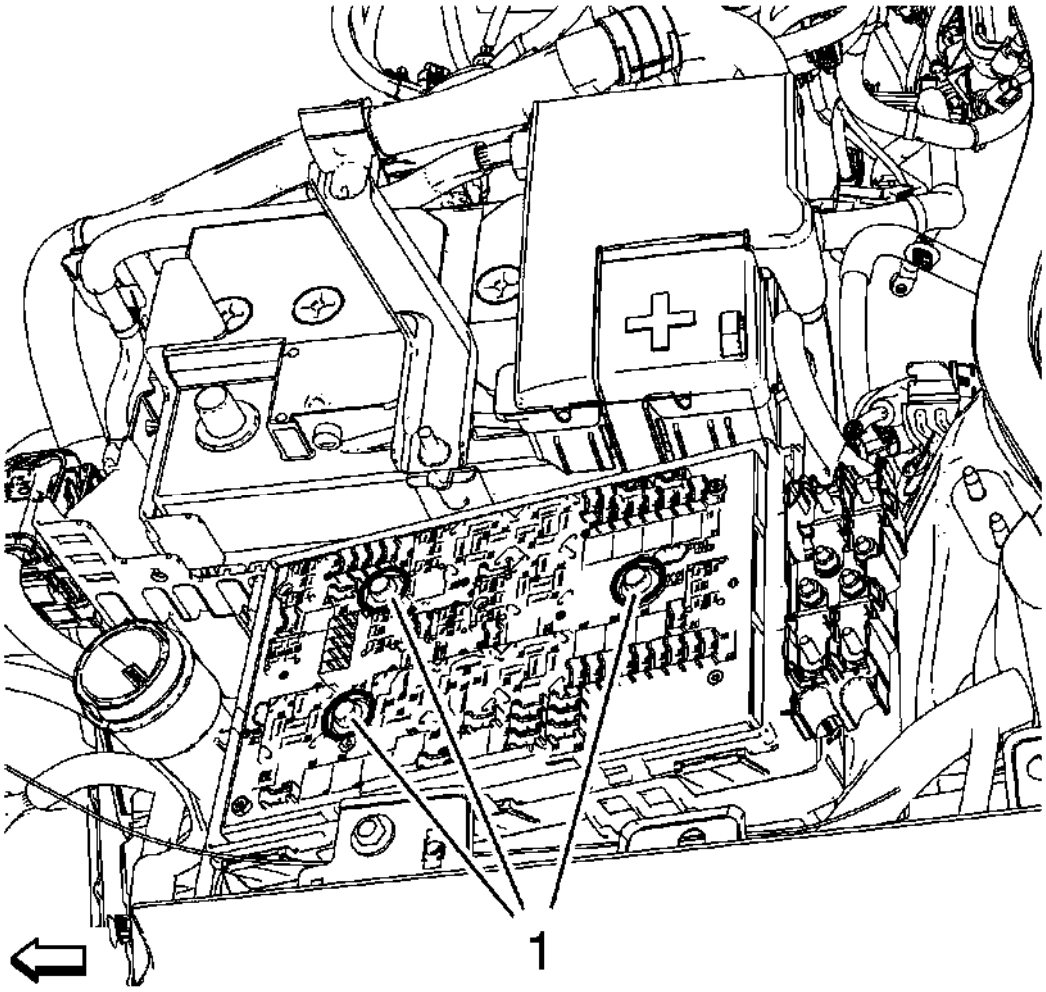


Fig. 28: Identifying Front Compartment Fuse Block Bolt
Courtesy of GENERAL MOTORS COMPANY

3. Install 3 front compartment fuse block bolts (1) and tighten to 6 N.m (53 lb in).
4. Install the front compartment fuse block cover. Refer to **Front Compartment Fuse Block Cover Replacement**.
5. Connect battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .

FRONT COMPARTMENT FUSE BLOCK HOUSING REPLACEMENT

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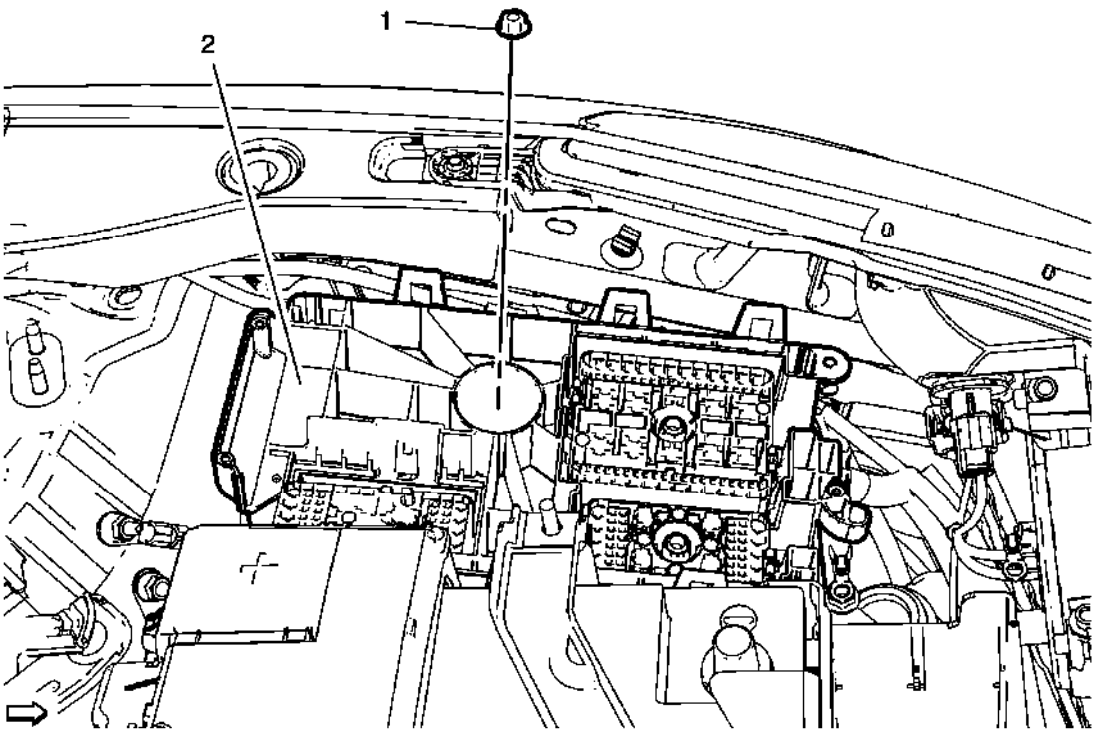


Fig. 29: Identifying Front Compartment Fuse Block Housing And Nut
Courtesy of GENERAL MOTORS COMPANY

Front Compartment Fuse Block Housing Replacement

Callout	Component Name
Preliminary Procedures 1. Disconnect the negative battery cable. Refer to **Battery Negative Cable Disconnection and Connection** . 2. Remove the windshield washer solvent container filler tube. Refer to **Windshield Washer Solvent Container Filler Tube Replacement** . 3. Remove front compartment fuse block. Refer to **Front Compartment Fuse Block Replacement**.	
1	Front Compartment Fuse Block Housing Nut **CAUTION:** **Refer to Fastener Caution .** **Tighten** 22 N.m(16 lb ft)
2	Front Compartment Fuse Block Housing **Procedure**

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	1. Remove 3 electrical connectors from front compartment fuse block housing. 2. Remove attaching parts and unclip wiring harnesses from front compartment fuse block housing.

FRONT COMPARTMENT FUSE BLOCK COVER REPLACEMENT

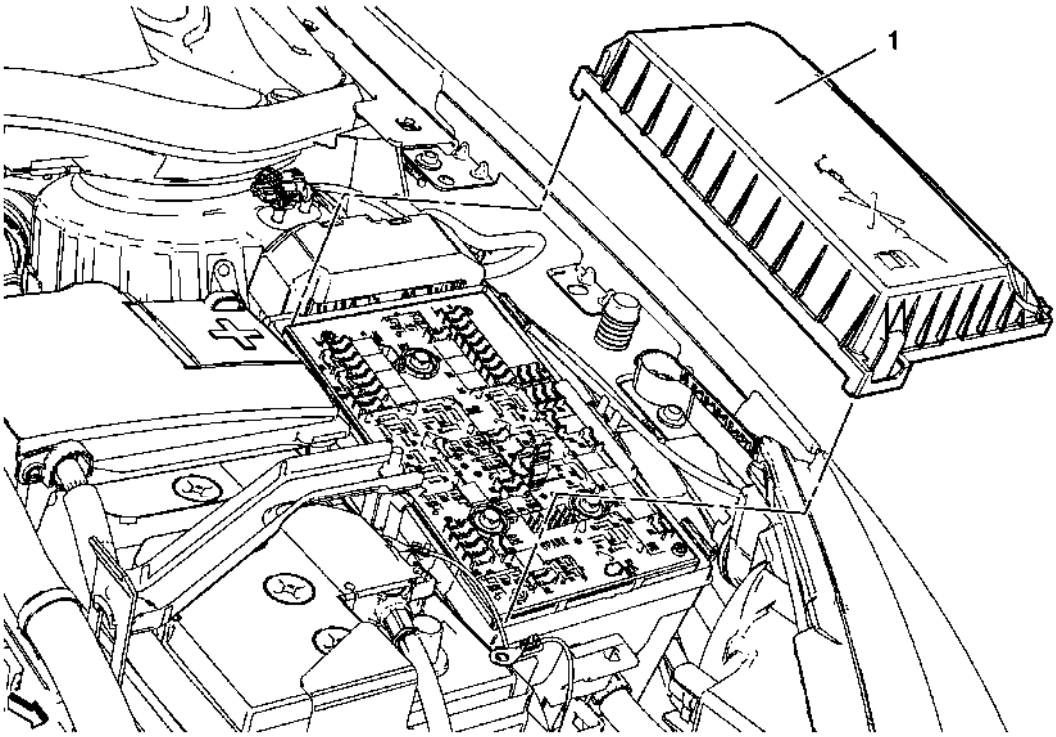


Fig. 30: Identifying Front Compartment Fuse Block Cover
Courtesy of GENERAL MOTORS COMPANY

Front Compartment Fuse Block Cover Replacement

Callout	Component Name
1	Front Compartment Fuse Block Cover **Procedure** Squeeze 3 tabs to release cover.

IGNITION LOCK CYLINDER REPLACEMENT

Removal Procedure

1. Disconnect the battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .
2. Remove the steering column lower trim cover. Refer to **Steering Column Lower Trim Cover Replacement** .

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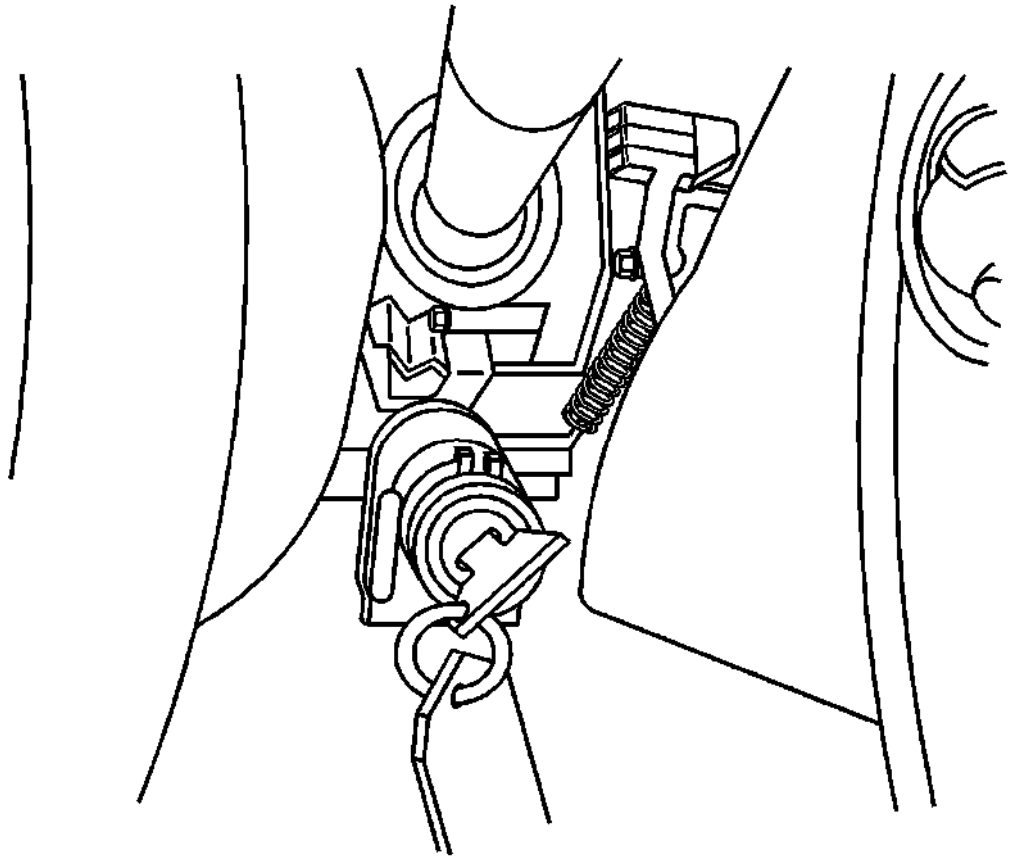


Fig. 31: Key & Ignition Lock Cylinder
Courtesy of GENERAL MOTORS COMPANY

3. Insert the key into the ignition lock cylinder and turn the key to the RUN position.

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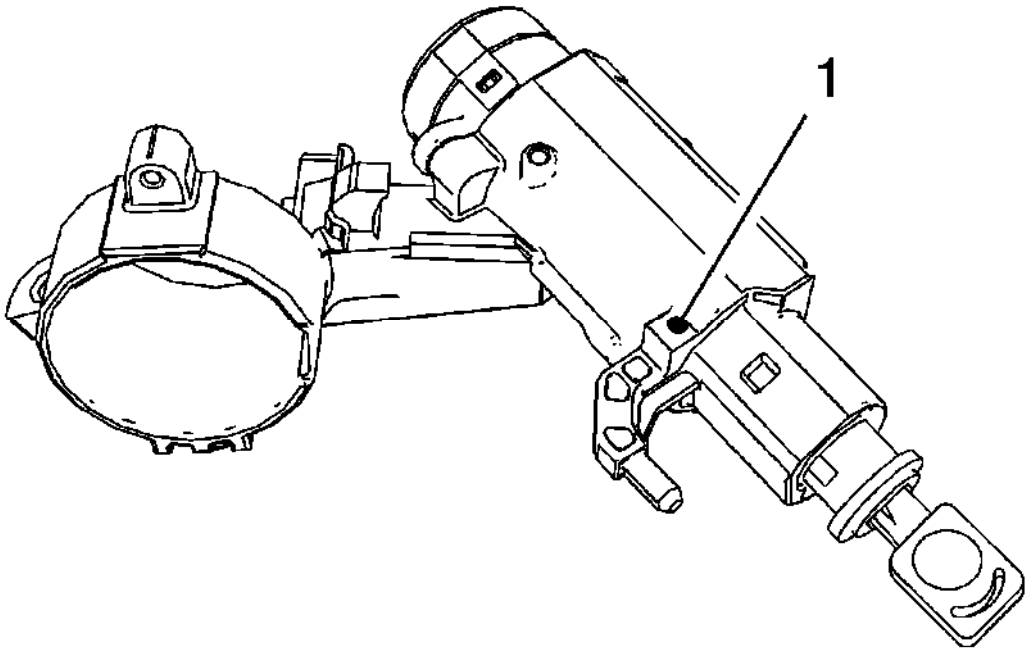


Fig. 32: Access Hole
Courtesy of GENERAL MOTORS COMPANY

4. Depress the retainer through the lock housing access hole (1) with a small Allen wrench or similar pick-type tool.
5. Remove the ignition lock cylinder from the lock housing.

Installation Procedure

1. If you are installing a new ignition lock cylinder, code the lock cylinder. Refer to **Key and Lock Cylinder Coding** .

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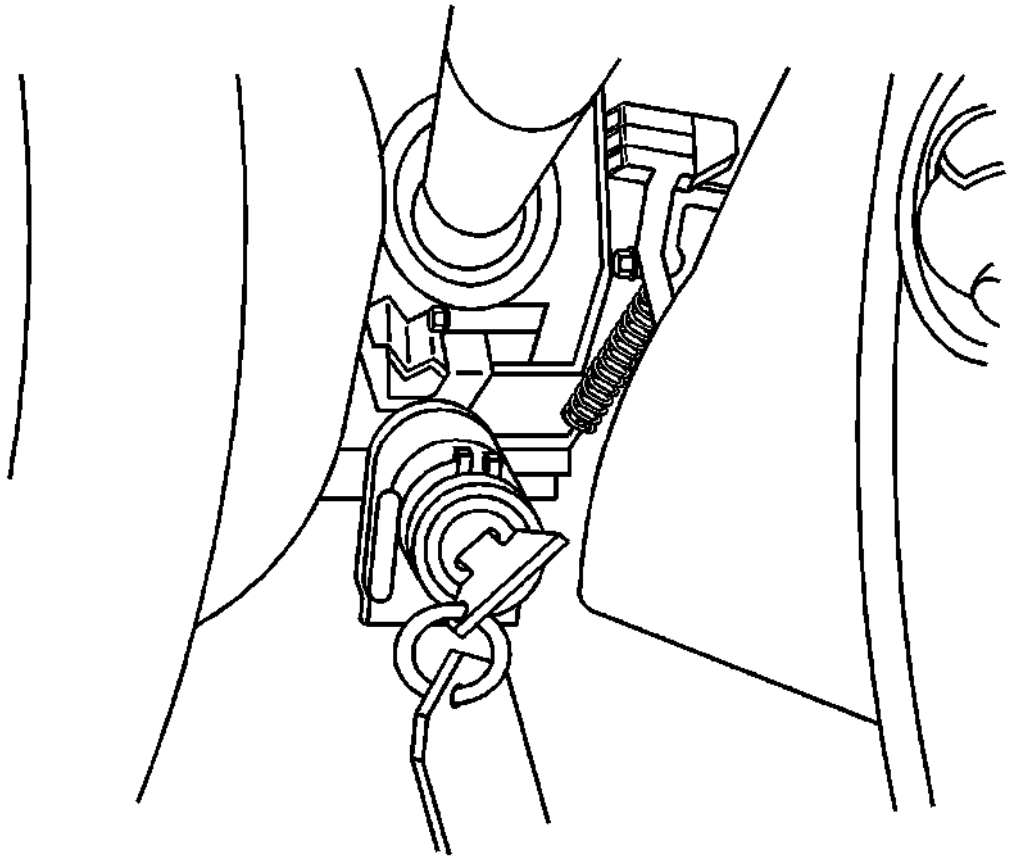


Fig. 33: Key & Ignition Lock Cylinder
Courtesy of GENERAL MOTORS COMPANY

2. Turn the key to the RUN position and insert ignition lock cylinder into the lock housing.
3. Turn the key to the LOCK position and remove the key from the ignition lock cylinder.
4. Install the steering column lower trim cover. Refer to **Steering Column Lower Trim Cover Replacement** .
5. Connect the battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** .

IGNITION AND START SWITCH REPLACEMENT

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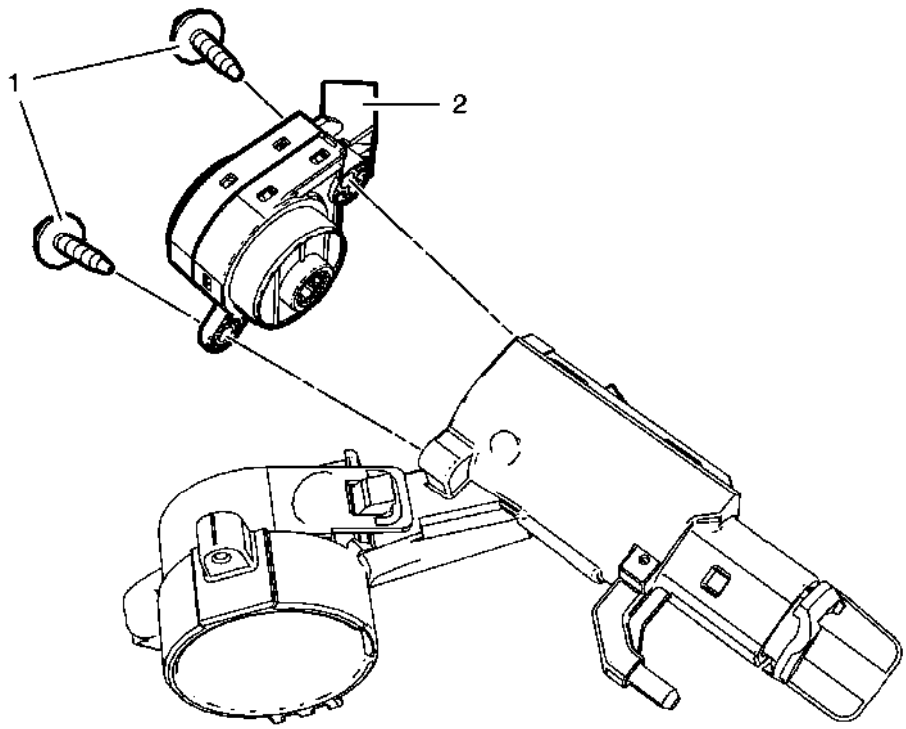


Fig. 34: Ignition Switch And Bolts
Courtesy of GENERAL MOTORS COMPANY

Ignition and Start Switch Replacement

Callout	Component Name
Preliminary Procedures 1. Disconnect the battery negative cable. Refer to **Battery Negative Cable Disconnection and Connection** . 2. Remove the steering column lower trim cover. Refer to **Steering Column Lower Trim Cover Replacement**	
1	Ignition and Start Switch Bolt (Qty: 2) **CAUTION:** **Refer to Fastener Caution .** **Procedure** Reposition the steering column wiring harness retainers in order to gain access to the switch bolts.
2	Ignition and Start Switch

ENGINE STOP/START MODE CONTROL SWITCH REPLACEMENT

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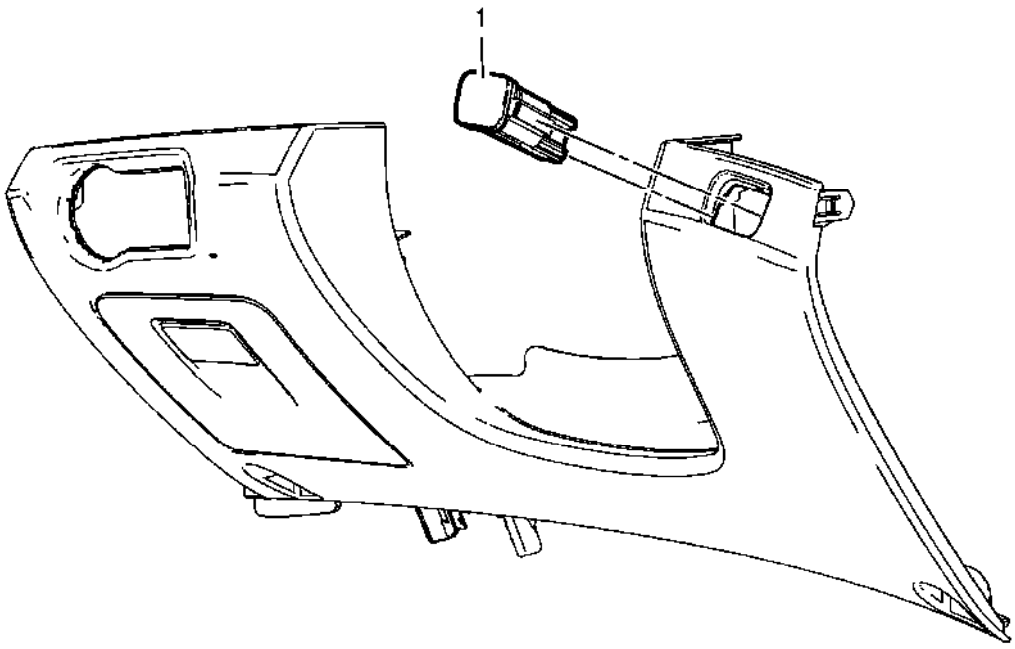


Fig. 35: Engine Stop/Start Mode Control Switch
Courtesy of GENERAL MOTORS COMPANY

Engine Stop/Start Mode Control Switch Replacement

Callout	Component Name
Preliminary Procedure Remove the instrument panel lower trim pad cover. Refer to **Instrument Panel Lower Trim Pad Cover Replacement (without Knee Airbag)** , **Instrument Panel Lower Trim Pad Cover Replacement (with Knee Airbag)** .	
1	Engine Stop/Start Mode Control Switch **Procedure** Unlock the retaining tabs.

IGNITION AND START SWITCH HOUSING REPLACEMENT

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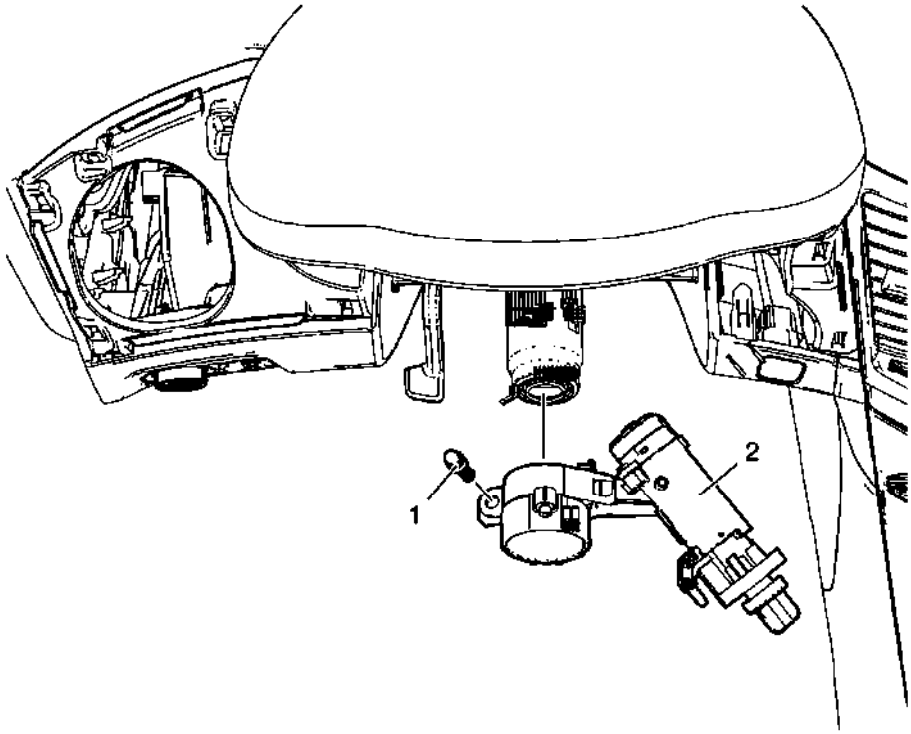


Fig. 36: Ignition And Start Switch Housing
Courtesy of GENERAL MOTORS COMPANY

Ignition and Start Switch Housing Replacement

Callout	Component Name
Preliminary Procedures 1. Remove the ignition lock cylinder. Refer to **Ignition Lock Cylinder Replacement** 2. Remove the turn signal switch bracket. Refer to **Turn Signal Switch Bracket Replacement**	
1	Ignition Lock Cylinder Bolt **CAUTION:** **Refer to Fastener Caution .** **Procedure** 1. Use a suitable chisel to remove bolt. 2. Install NEW bolt and tighten until head tears off.
2	Ignition and Start Switch Housing **Procedure** 1. Disconnect the electrical connector. 2. Remove ignition and start switch. Refer to **Ignition and Start**

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	Switch Replacement.

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2013 ELECTRICAL

Wiring Systems and Power Management - Cruze

DIAGNOSTIC CODE INDEX

DIAGNOSTIC CODE INDEX

DTC	Description
DTC B097B	DTC B097B Power Mode Start Switch Circuit
DTC B097C	DTC B097C Power Mode Run/Start Indicator Circuit
DTC B1370 (Instrument Cluster)	DTC B1370 Control Module Ignition On and Start Circuit
DTC B1370-B1379, B1380-B1389, or B1440-B1443	DTC B1370 Control Module Ignition ON and Start Circuit DTC B1380 Control Module Ignition Accessory Circuit DTC B1441 Control Module Ignition OFF, Run, and Start Circuit
DTC B1448	DTC B1448 01 Accessory Power Relay Circuit Short to Battery DTC B1448 02 Accessory Power Relay Circuit Short to Ground DTC B1448 04 Accessory Power Relay Circuit Open
DTC B144B	DTC B144B 01 Run/Crank Power Relay Circuit Short to Battery DTC B144B 02 Run/Crank Power Relay Circuit Short to Ground DTC B144B 04 Run/Crank Power Relay Circuit Open
DTC B1451	DTC B1451 Accessory Power Circuit
DTC B147E or B147F	DTC B147E 01 Battery Saver Relay Set Secondary Circuit Short to Battery DTC B147E 02 Battery Saver Relay Set Secondary Circuit Short to Ground DTC B147E 04 Battery Saver Relay Set Secondary Circuit Open DTC B147F 01 Battery Saver Relay Reset Secondary Circuit Short to Battery DTC B147F 02 Battery Saver Relay Reset Secondary Circuit Short to Ground DTC B147F 04 Battery Saver Relay Reset Secondary Circuit Open
DTC P2537	DTC P2537 Ignition Accessory Switch Circuit Low Voltage

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