

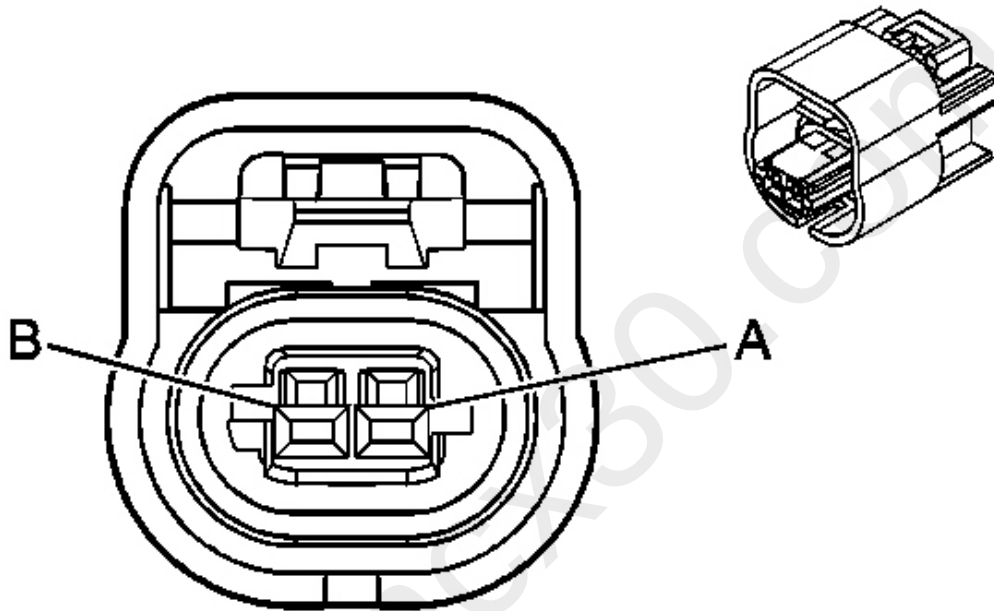
2010 ELECTRICAL**Wiring Systems and Power Management - Component Locator - Component Connector End Views - Equinox & Terrain****COMPONENT CONNECTOR END VIEWS****Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LAF)**

Fig. 1: Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM: 15336004
- Service: 19178093
- Description: 2-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending

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

Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LAF)

Pin	Wire	Circuit	Function
A	0.5 WH/BK	6396	Cam Phaser Control
B	0.5 BN/WH	6754	Low Reference

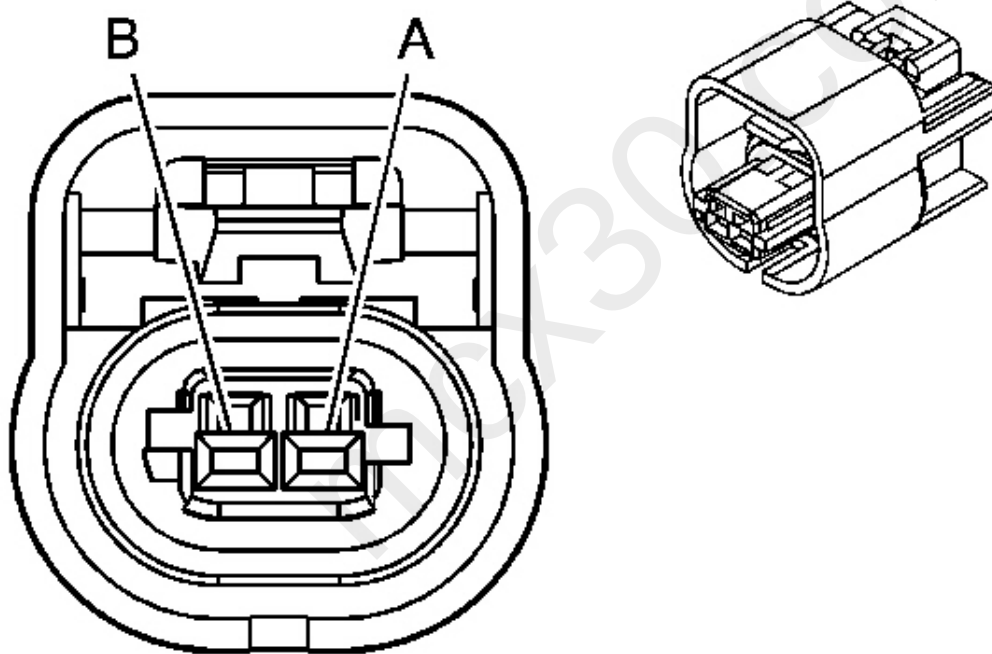
Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LAF)

Fig. 2: Q6F Camshaft Position Actuator Solenoid Valve - Intake (LAF)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15335987

- Service Connector: 15306430
- Description: 2-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

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

Q6F Camshaft Position Actuator Solenoid Valve - Intake (LAF)

Pin	Wire	Circuit	Function
A	0.5 PK/BK	6395	Cam Phaser Control
B	0.5 BN	6753	Low Reference

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1 (MH7 OR MHC)

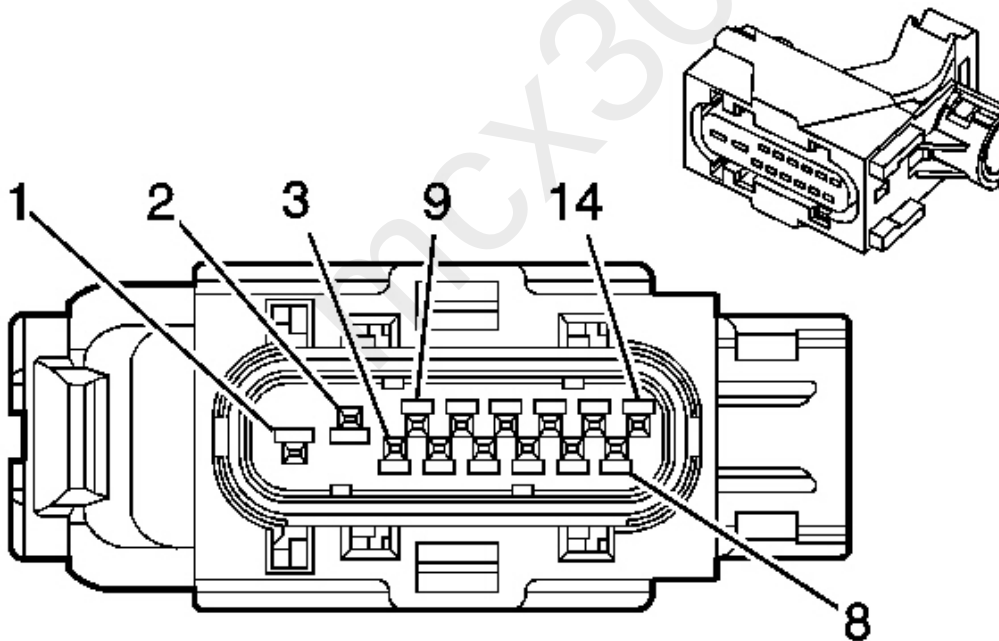


Fig. 3: Q8 Control Solenoid Valve Assembly X1 (MH7 or MHC)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 13522378
- Service Connector: 13503939
- Description: 14-Way F GT 150 280 Series, Sealed (L-GY)

Terminal Part Information

- Pins: 1, 2
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: E/5
- Pins: 3, 6-8, 12-14
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4

Q8 Control Solenoid Valve Assembly X1 (MH7 or MHC)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	1840	Battery Positive Voltage
2	0.35 BK/WH	451	Ground
3	0.5 D-GN	6307	Clutch Start Neutral Start (PPEI_#3) Signal
4-5	-	-	Not Used
6	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
7	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
8	0.35 TN	2501	High Speed GMLAN Serial Data Bus -
9-11	-	-	Not Used
12	0.5 PK	2139	Ignition Voltage
13	0.5 D-BU	5985	Serial Data Wake-Up Signal
14	0.35 TN	2501	High Speed GMLAN Serial Data Bus -

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1 (MH2 OR MH4)

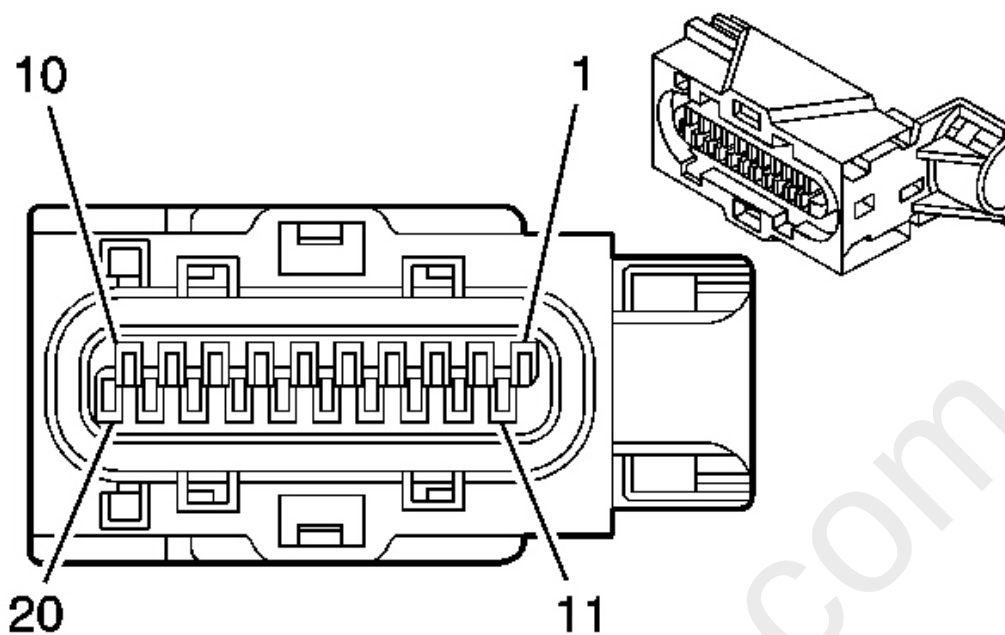


Fig. 4: Q8 Control Solenoid Valve Assembly X1 (MH2 or MH4)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15476346
- Service Connector: 19151494
- Description: 20-Way F GT 150 Sealed (L-GY)

Terminal Part Information

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

Q8 Control Solenoid Valve Assembly X1 (MH2 or MH4)

Pin	Wire	Circuit	Function
1	0.35 BK/WH	451	Ground

2	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
3-4	-	-	Not Used
5	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
6-9	-	-	Not Used
10	0.5 RD/WH	1840	Battery Positive Voltage
11	-	-	Not Used
12	0.35 TN	2501	High Speed GMLAN Serial Data Bus -
13	0.5 PK	2139	Ignition Voltage
14	0.35 TN	2501	High Speed GMLAN Serial Data Bus -
15	0.5 D-BU	5985	Serial Data Wake-Up Signal
16-17	-	-	Not Used
18	0.35 BK/WH	451	Ground
19	-	-	Not Used
20	0.5 D-GN	6307	Clutch Start Neutral Start (PPEI_#3) Signal

Q8 CONTROL SOLENOID VALVE ASSEMBLY X2

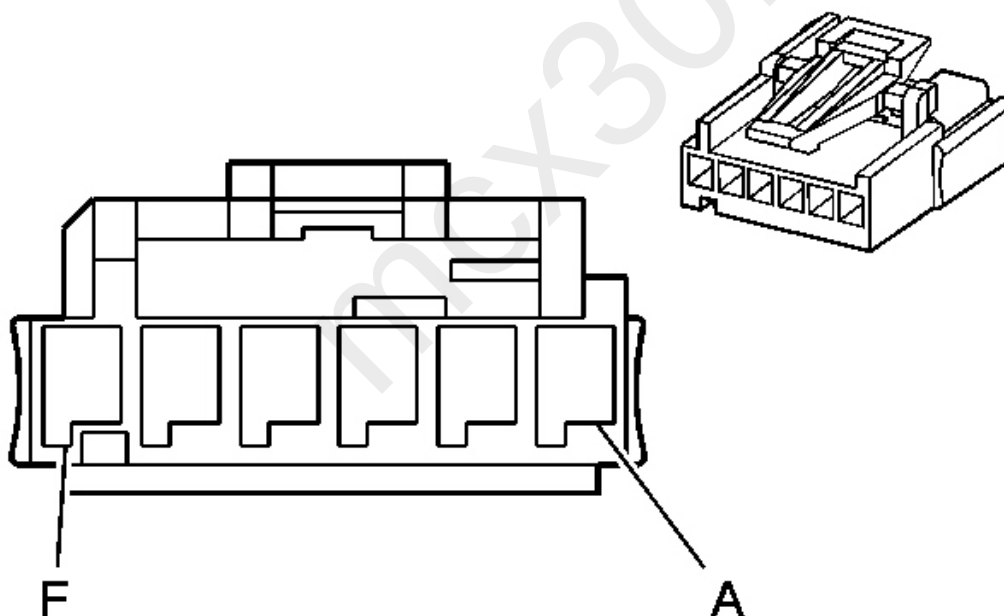


Fig. 5: Q8 Control Solenoid Valve Assembly X2
 Courtesy of GENERAL MOTORS CORP.

- Harness: Automatic Transmission
- OEM: 15336500
- Service: Non-Serviceable
- Description: 6-Way F Metri-Pack 150.2 Series (GN)

Terminal Part Information

- Terminated Lead: Non-Serviceable
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Not Available

Q8 Control Solenoid Valve Assembly X2

Pin	Wire	Circuit	Function
A	0.5 GY	-	Low Reference
B	0.5 BK	-	Transmission Range Switch Signal P
C	0.5 YE	-	Transmission Range Switch Signal C
D	0.5 RD	-	Transmission Range Switch Signal B
E	0.5 D-GN	-	Transmission Range Switch Signal A
F	0.5 WH	-	Park/Neutral Switch Signal

Q8 CONTROL SOLENOID VALVE ASSEMBLY X3

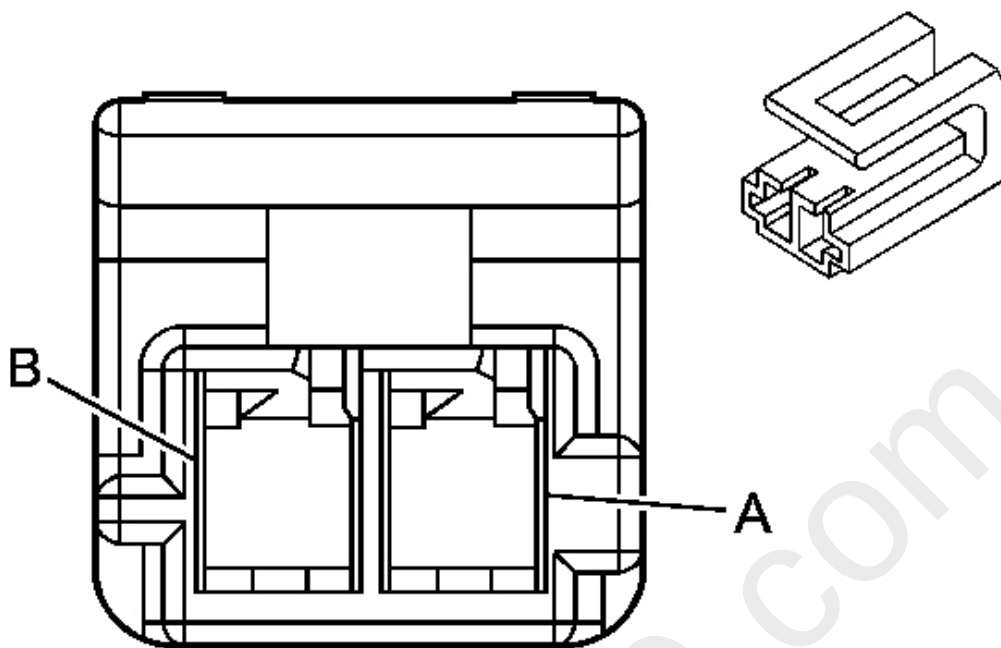


Fig. 6: Q8 Control Solenoid Valve Assembly X3
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Automatic Transmission
- OEM: 15467085
- Service: Non-Serviceable
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

- Terminated Lead: Non-Serviceable
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Not Available

Q8 Control Solenoid Valve Assembly X3

Pin	Wire	Circuit	Function

A	0.5 WH	-	ISS High Signal
B	0.5 BK	-	ISS Low Signal

Q8 CONTROL SOLENOID VALVE ASSEMBLY X4

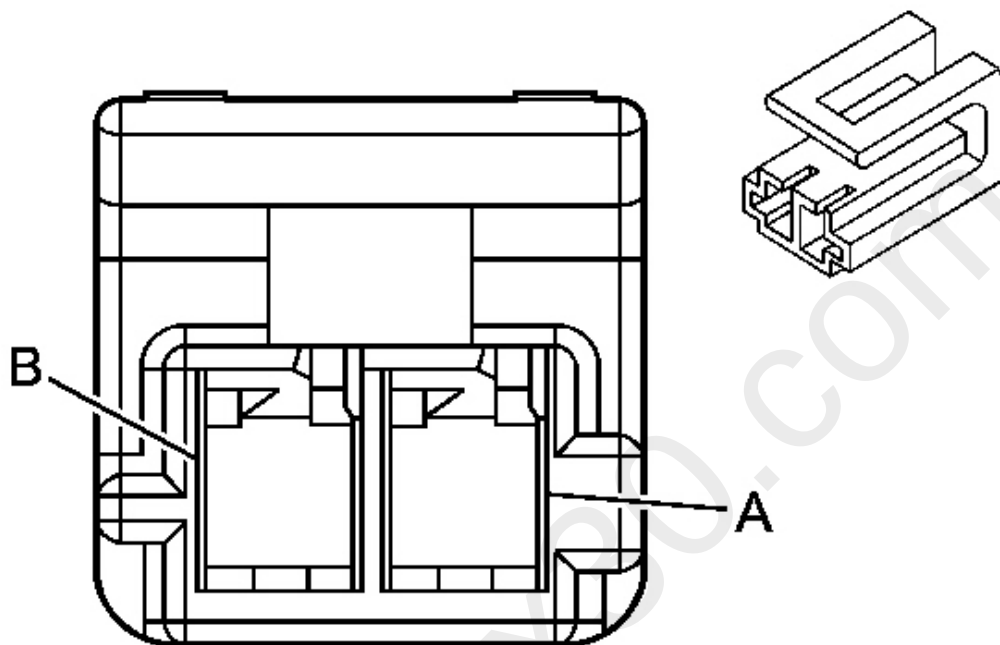


Fig. 7: Q8 Control Solenoid Valve Assembly X4
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Automatic Transmission
- OEM: 15467085
- Service: Non-Serviceable
- Description: 2-Way F Metri-Pack 150.2 Series (L-GY)

Terminal Part Information

- Terminated Lead: Non-Serviceable
- Release Tool: Not Available
- Diagnostic Test Probe: Pending

- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Not Available

Q8 Control Solenoid Valve Assembly X4

Pin	Wire	Circuit	Function
A	0.5 WH	-	OSS High Signal
B	0.5 BK	-	OSS Low Signal

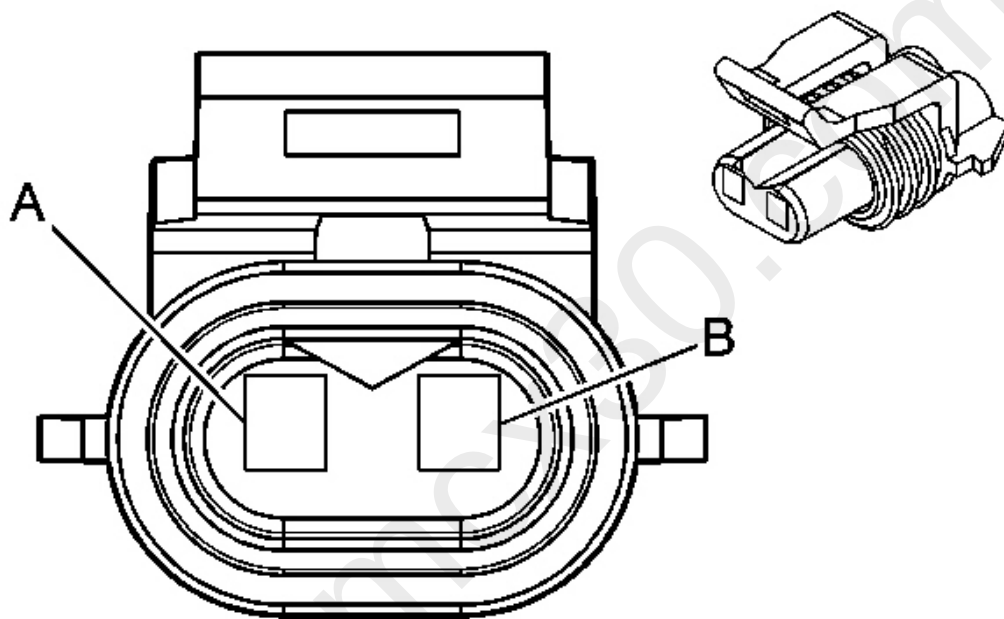
Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LAF)

Fig. 8: Q12 Evaporative Emission Purge Solenoid Valve (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12052643
- Service Connector: 12101858
- Description: 2-Way F Metri-Pack 150 Series, Sealed (RD)

Terminal Part Information

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

Q12 Evaporative Emission Purge Solenoid Valve (LAF)

Pin	Wire	Circuit	Function
A	0.5 PK/BK	5293	Ignition Voltage
B	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control

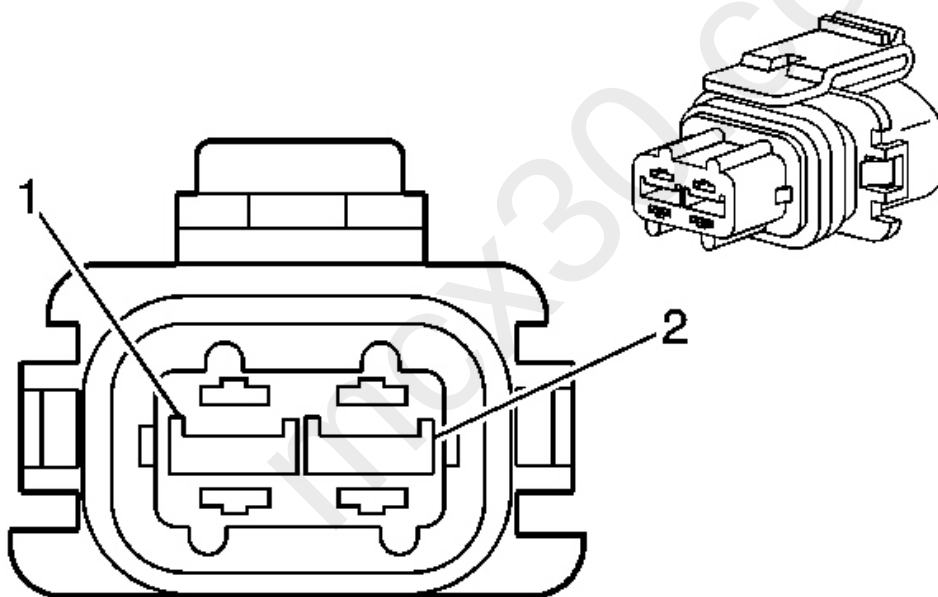
Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LF1)

Fig. 9: Q12 Evaporative Emission Purge Solenoid Valve (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM: 1928404072

- Service: 88988586
- Description: 2-Way F 2.8 Junior Power Timer Series, Sealed (BK)

Terminal Part Information

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

Q12 Evaporative Emission Purge Solenoid Valve (LF1)

Pin	Wire	Circuit	Function
1	0.5 PK/BK	5293	Ignition Voltage
2	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control

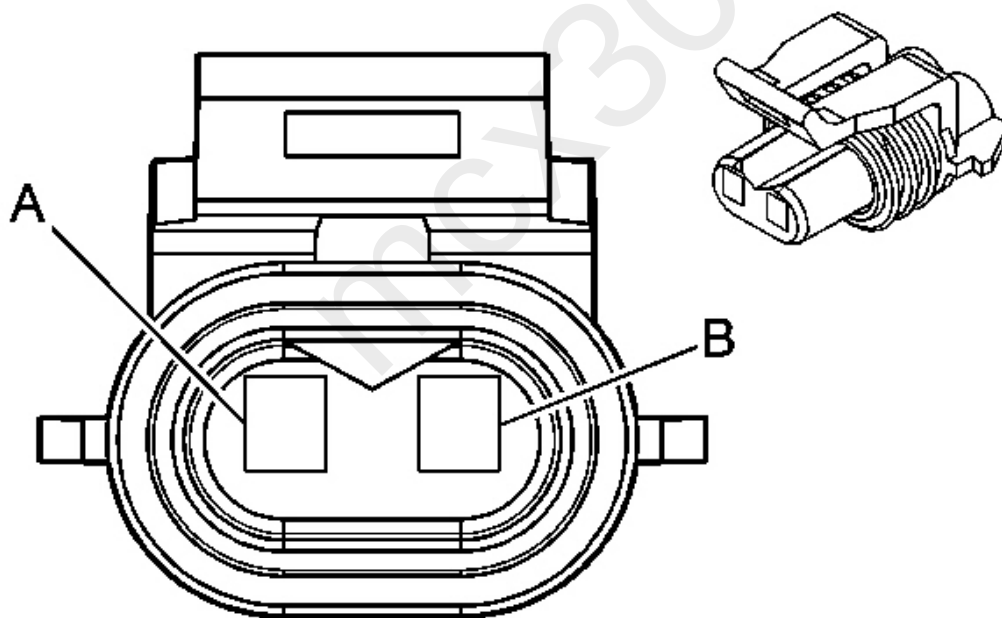
Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE

Fig. 10: Q13 Evaporative Emission Vent Solenoid Valve
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Tank
- OEM Connector: 12052643
- Service Connector: 12101858
- Description: 2-Way F Metri-Pack 150 Series, Sealed (RD)

Terminal Part Information

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

Q13 Evaporative Emission Vent Solenoid Valve

Pin	Wire	Circuit	Function
A	0.35 RD/WH	2440	Battery Positive Voltage
B	0.35 WH	1310	EVAP Canister Vent Solenoid Control

Q17A FUEL INJECTOR 1 (LAF)

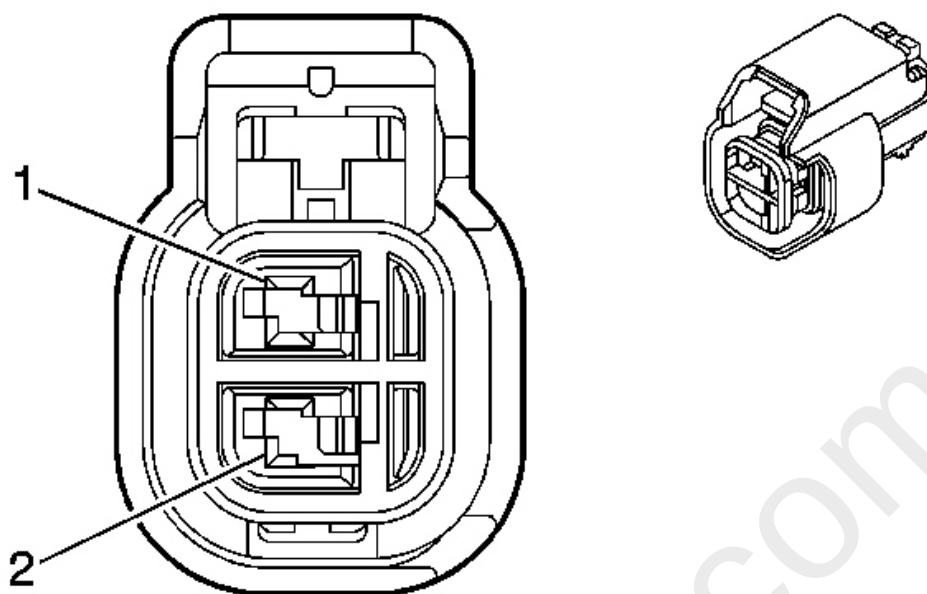


Fig. 11: Q17A Fuel Injector 1 (LAF)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM: E-2157
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F Sleeve Assembly Wire Connector, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17A Fuel Injector 1 (LAF)

Pin	Wire	Circuit	Function
1	0.8 BN	4801	Fuel Injector 1 Control -

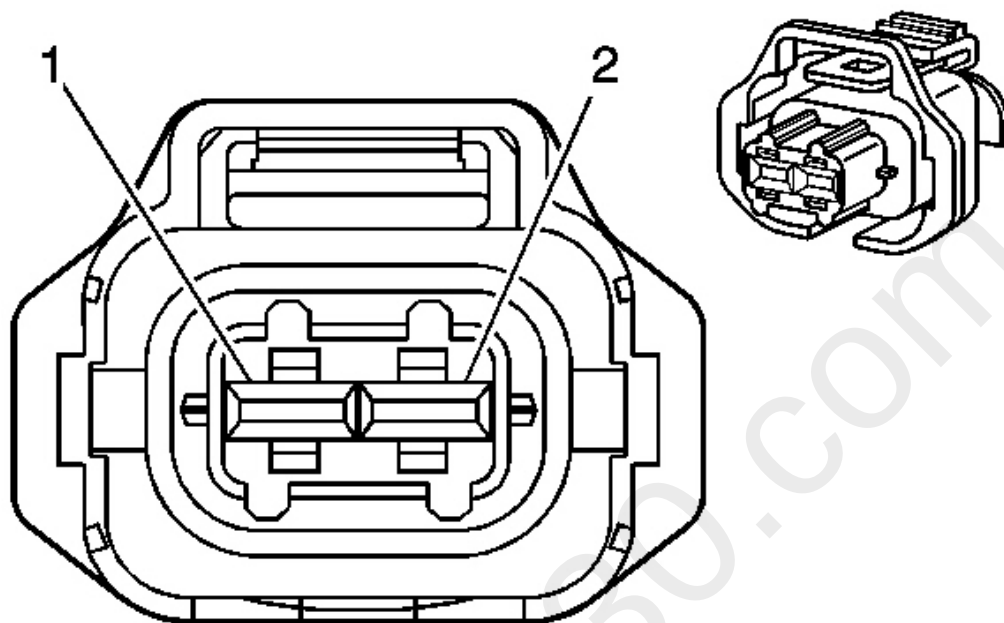
Q17A FUEL INJECTOR 1 (LF1)

Fig. 12: Q17A Fuel Injector 1 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

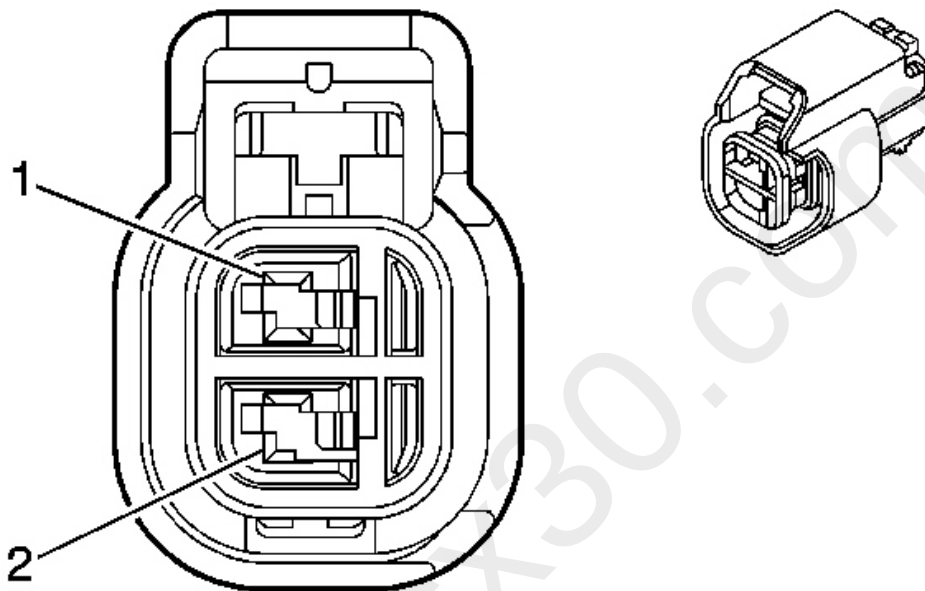
- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17A Fuel Injector 1 (LF1)

Pin	Wire	Circuit	Function
1	0.8 BN	4801	Fuel Injector 1 Control -
2	0.8 BN/WH	4901	Fuel Injector 1 Control +

Q17B FUEL INJECTOR 2 (LAF)**Fig. 13: Q17B Fuel Injector 2 (LAF)**

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM: E-2157
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F Sleeve Assembly Wire Connector, Sealed (BK)

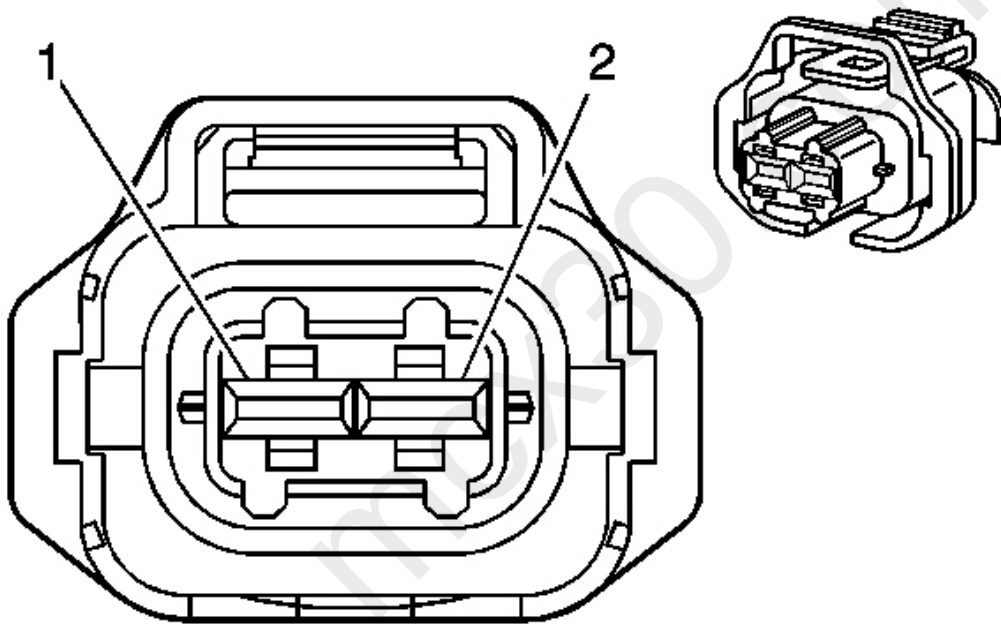
Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430

- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17B Fuel Injector 2 (LAF)

Pin	Wire	Circuit	Function
1	0.8 D-BU	4802	Fuel Injector 2 Control -
2	0.8 D-BU/WH	4902	Fuel Injector 2 Control +

Q17B FUEL INJECTOR 2 (LF1)**Fig. 14: Q17B Fuel Injector 2 (LF1)**

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17B Fuel Injector 2 (LF1)

Pin	Wire	Circuit	Function
1	0.8 D-BU	4802	Fuel Injector 2 Control -
2	0.8 D-BU/WH	4902	Fuel Injector 2 Control +

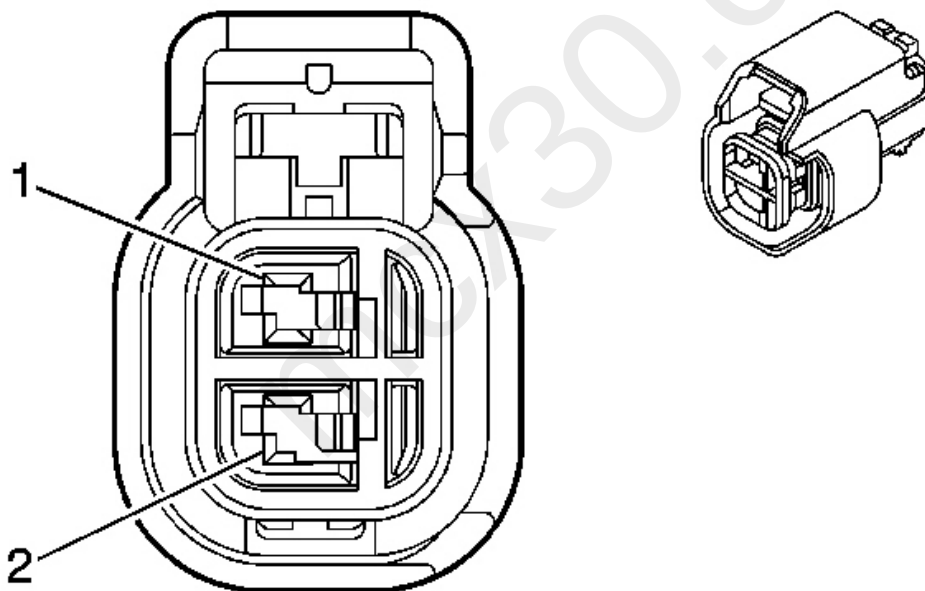
Q17C FUEL INJECTOR 3 (LAF)

Fig. 15: Q17C Fuel Injector 3 (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM: E-2157
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F Sleeve Assembly Wire Connector, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17C Fuel Injector 3 (LAF)

Pin	Wire	Circuit	Function
1	0.8 D-GN	4803	Fuel Injector 3 Control -
2	0.8 D-GN/WH	4903	Fuel Injector 3 Control +

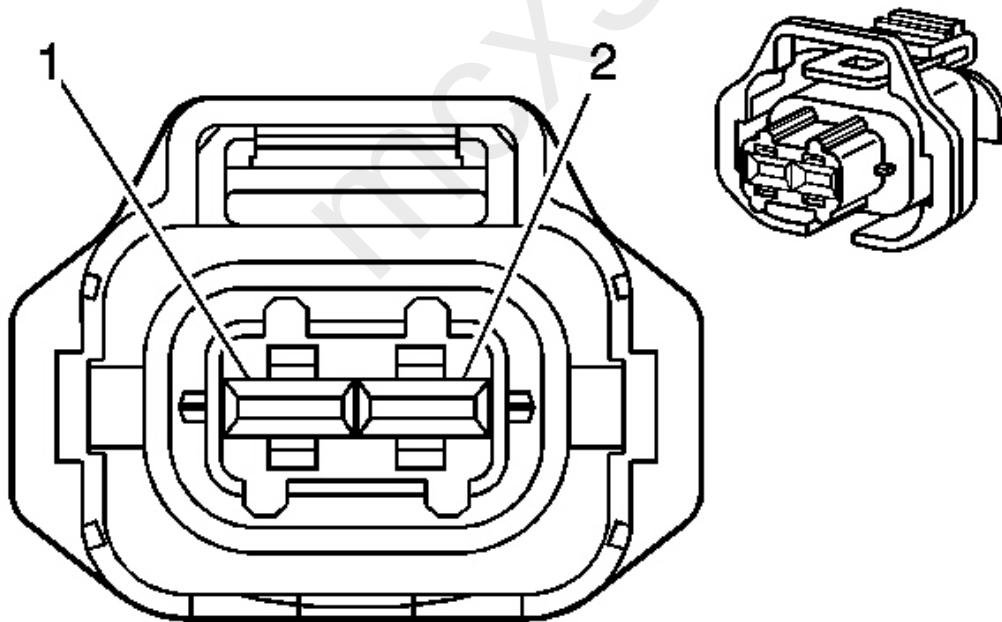
Q17C FUEL INJECTOR 3 (LF1)

Fig. 16: Q17C Fuel Injector 3 (LF1)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17C Fuel Injector 3 (LF1)

Pin	Wire	Circuit	Function
1	0.8 D-GN	4803	Fuel Injector 3 Control -
2	0.8 D-GN/WH	4903	Fuel Injector 3 Control +

Q17D FUEL INJECTOR 4 (LAF)

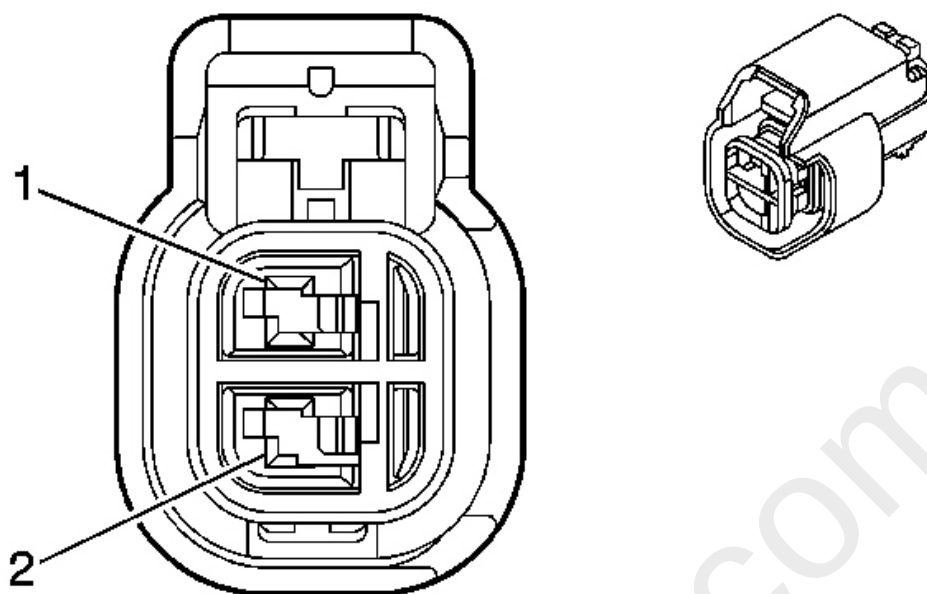


Fig. 17: Q17D Fuel Injector 4 (LAF)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM: E-2157
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F Sleeve Assembly Wire Connector, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17D Fuel Injector 4 (LAF)

Pin	Wire	Circuit	Function
1	0.8 L-BU	4804	Fuel Injector 4 Control -

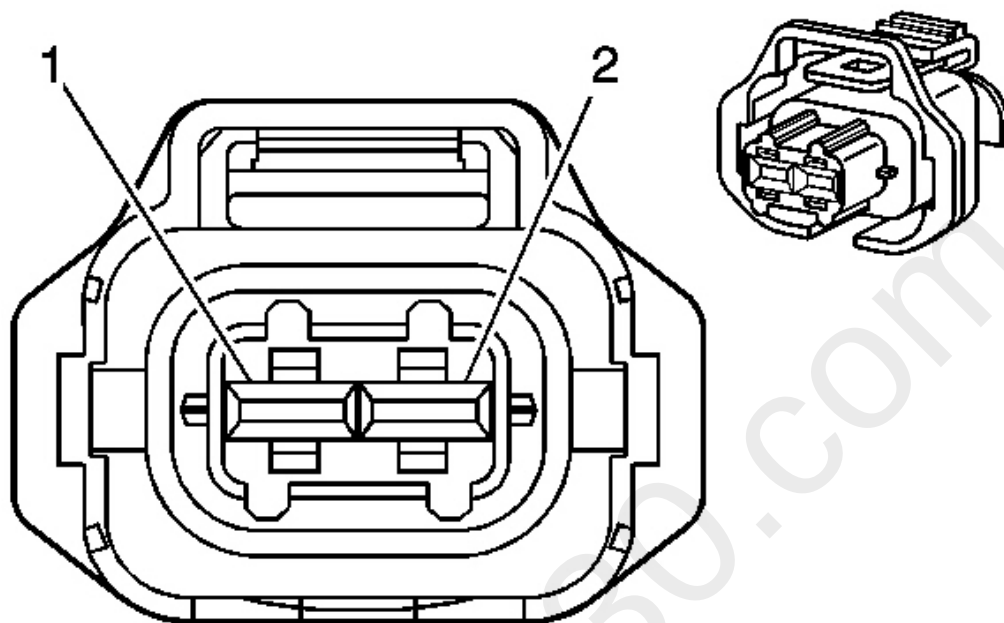
Q17D FUEL INJECTOR 4 (LF1)

Fig. 18: Q17D Fuel Injector 4 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

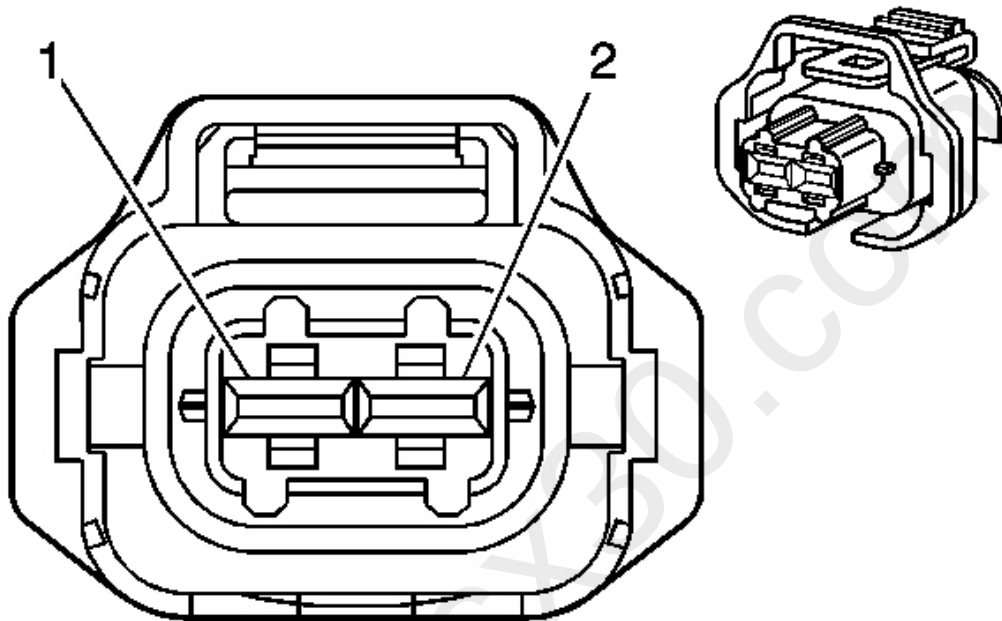
- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17D Fuel Injector 4 (LF1)

Pin	Wire	Circuit	Function
1	0.8 L-BU	4804	Fuel Injector 4 Control -
2	0.8 L-BU/WH	4904	Fuel Injector 4 Control +

Q17E FUEL INJECTOR 5 (LF1)**Fig. 19: Q17E Fuel Injector 5 (LF1)**

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

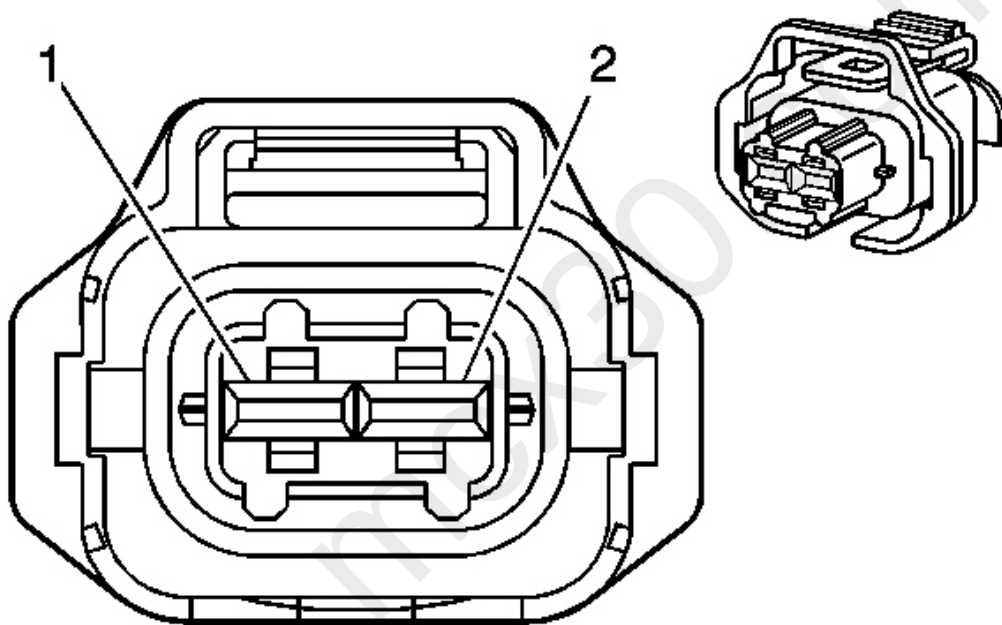
Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430

- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17E Fuel Injector 5 (LF1)

Pin	Wire	Circuit	Function
1	0.8 L-GN	4805	Fuel Injector 5 Control -
2	0.8 L-GN/WH	4905	Fuel Injector 5 Control +

Q17F FUEL INJECTOR 6 (LF1)**Fig. 20: Q17F Fuel Injector 6 (LF1)**

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Injector
- OEM Connector: 1928403874
- Service Connector: 88988963
- Description: 2-Way F Kompakt 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 7116-4103-08/9
- Core/Insulation Crimp: E/1

Q17F Fuel Injector 6 (LF1)

Pin	Wire	Circuit	Function
1	0.8 PU	4806	Fuel Injector 6 Control -
2	0.8 PU/WH	4906	Fuel Injector 6 Control +

Q38 THROTTLE BODY

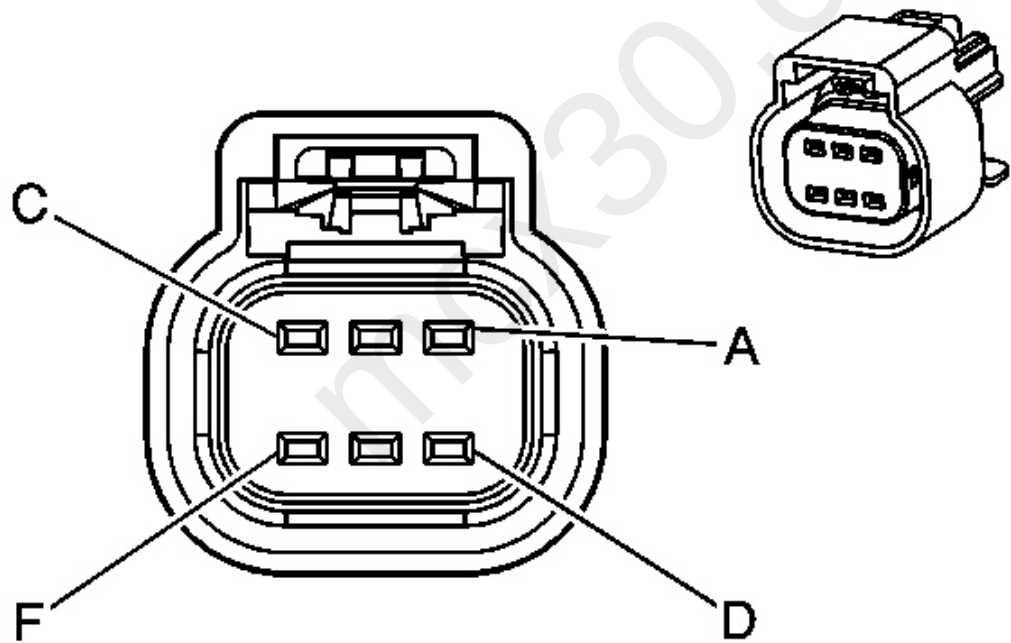


Fig. 21: Q38 Throttle Body
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15355297
- Service Connector: 13504128
- Description: 6-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 15326427/5
- Core/Insulation Crimp: E/A

Q38 Throttle Body

Pin	Wire	Circuit	Function
A	0.5 BN	582	TAC Motor Control 2
B	0.5 YE	581	TAC Motor Control 1
C	0.5 TN	2752	Low Reference
D	0.5 D-GN	485	TP Sensor 1 Signal
E	0.5 GY	2701	5-Volt 4 Reference
F	0.5 PU	486	TP Sensor 2 Signal

R6 DATA LINK RESISTOR

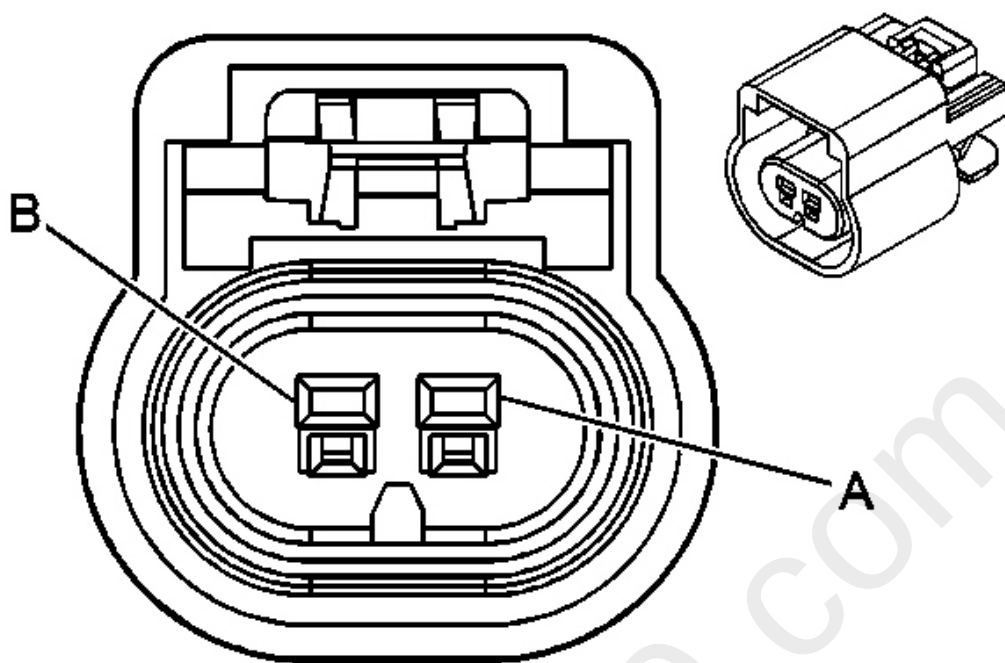


Fig. 22: R6 Data Link Resistor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Chassis
- OEM Connector: 13510085
- Service Connector: 19179278
- Description: 2-Way F GT 150 Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 15326427/5
- Core/Insulation Crimp: E/A

R6 Data Link Resistor

Pin	Wire	Circuit	Function

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

R10 COOLING FAN RESISTOR (LAF)

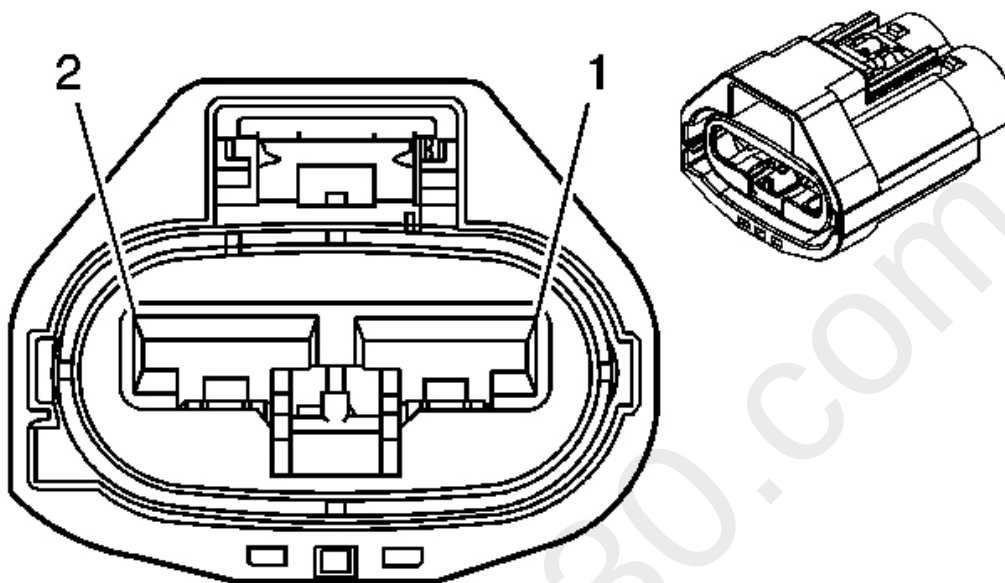


Fig. 23: R10 Cooling Fan Resistor (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Cooling Fan
- OEM: 7283-3214-30
- Service: 19179378
- Description: 2-Way F Y-Type 9.5 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-22 (RD)
- Terminal/Tray: 7116-3251/10
- Core/Insulation Crimp: F/3

R10 Cooling Fan Resistor (LAF)

Pin	Wire	Circuit	Function
1	3 L-BU	409	Cooling Fan Motor Supply Voltage (1)
2	3 GY	532	Cooling Fan Motor Supply Voltage (2)

S3 TRANSMISSION SHIFT LEVER

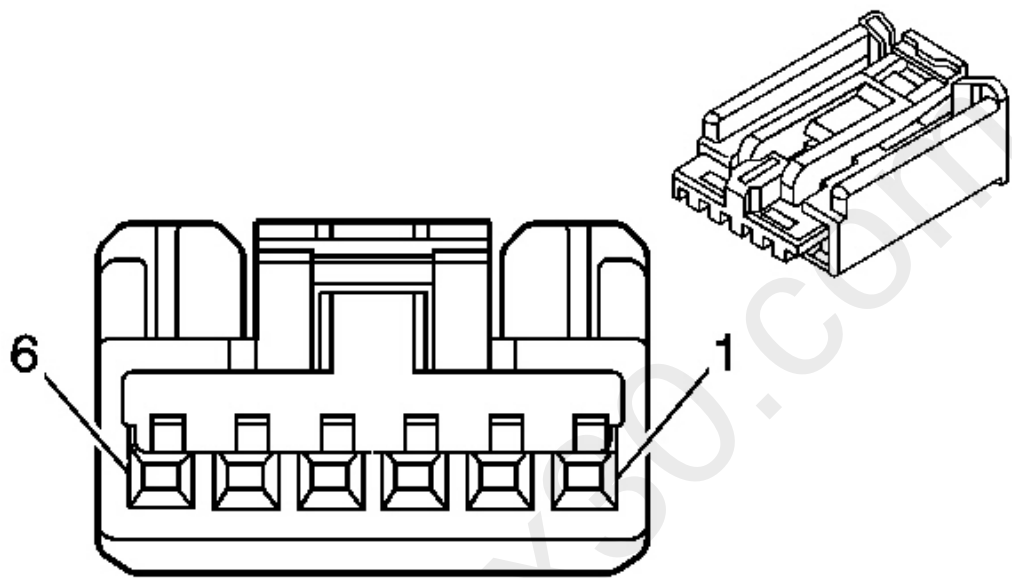


Fig. 24: S3 Transmission Shift Lever
Courtesy of GENERAL MOTORS CORP.

Connector Part Information
• Harness: Console • OEM Connector: AIT2PB-06-1AK • Service Connector: 19167753 • Description: 6-Way F AIT II Series (BK)
Terminal Part Information
• Terminated Lead: 13575866 • Release Tool: J-38125-215A • Diagnostic Test Probe: J-35616-64B (L-BU)

- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

S3 Transmission Shift Lever

Pin	Wire	Circuit	Function
1	-	-	Not Used
2	0.35 BK	1550	Ground
3	0.35 PU	5526	Tap Up/Tap Down Switch Signal
4	0.35 TN/WH	816	A/T Shift Lock Solenoid Supply Voltage
5	-	-	Not Used
6	0.35 PU/WH	5905	Key Capture Signal

S12 DOME LAMP SWITCH

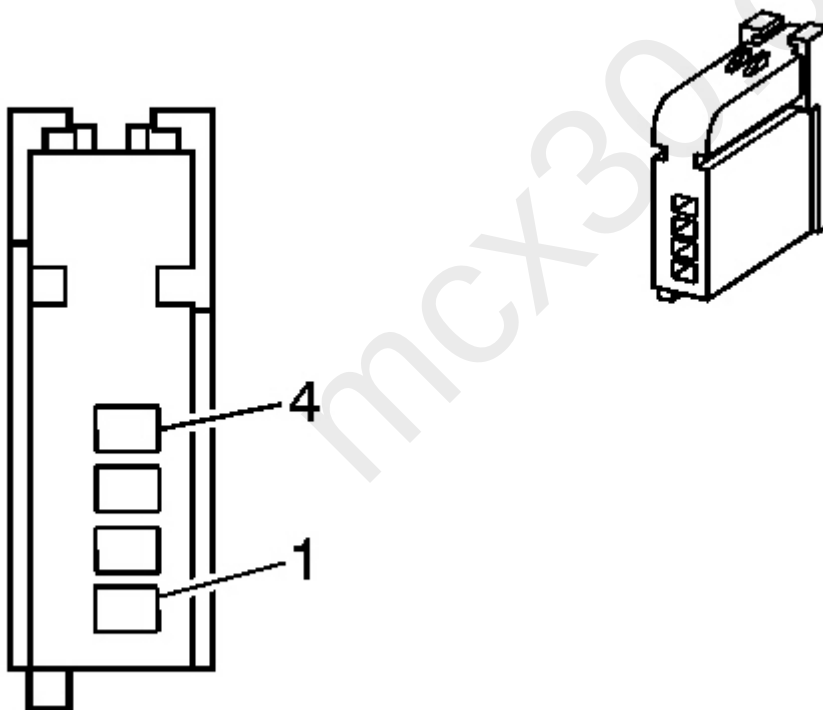


Fig. 25: S12 Dome Lamp Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: AIT2PB-04A-1AK
- Service Connector: 19179273
- Description: 4-Way F AIT II Series (BK)

Terminal Part Information

- Terminated Lead: 13575866
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

S12 Dome Lamp Switch

Pin	Wire	Circuit	Function
1	0.35 BK	550	Ground
2	0.35 PU	328	Interior lamp Defeat Switch Signal
3	0.35 WH	156	Courtesy Lamp Switch Signal
4	0.35 YE	6817	LED Backlight Dimming Control

S32D SEAT HEATING SWITCH - DRIVER (SPO ACCESSORY)

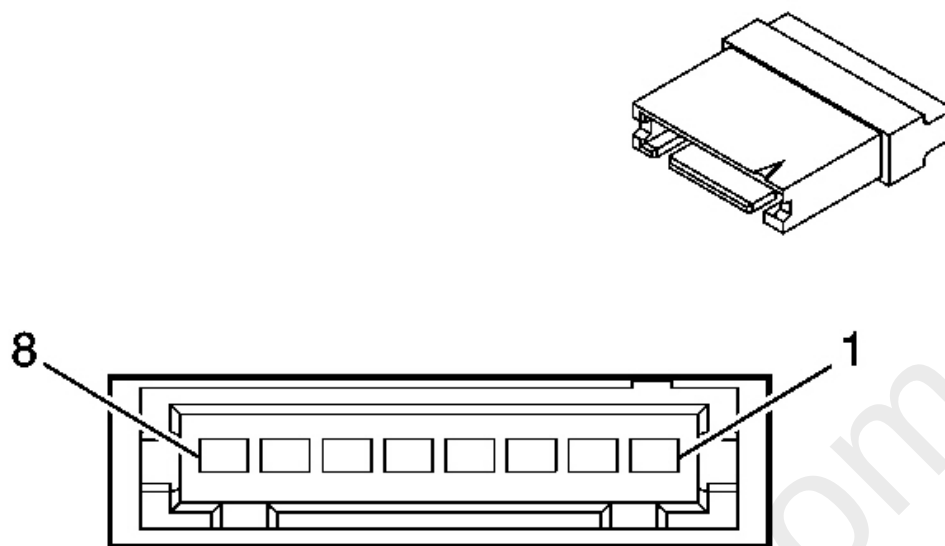


Fig. 26: S32D Seat Heating Switch - Driver (SPO Accessory)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness Type: SPO Seat Heating Switch Extension
- OEM Connector: 485893-5
- Service Connector: Pending
- Description: 8-Way F (BK)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 485893-5
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 485893-5
- Core/Insulation Crimp: Not Available

S32D Seat Heating Switch - Driver (SPO Accessory)

Pin	Wire	Circuit	Function
1	0.35 BN	-	Heated Seat Indicator Supply Voltage

2	0.35 RD	-	Driver Heated Seat Switch Signal
3	0.35 OG	-	Driver Heated Seat High Indicator Control
4	0.35 YE	-	Driver Heated Seat Low Indicator Control
5	0.35 D-BU	-	Passenger Heated Seat Switch Signal
6	0.35 PU	-	Passenger Heated Seat High Indicator Control
7	0.35 GY	-	Passenger Heated Seat Low Indicator Control
8	-	-	Not Used

S33 HORN SWITCH

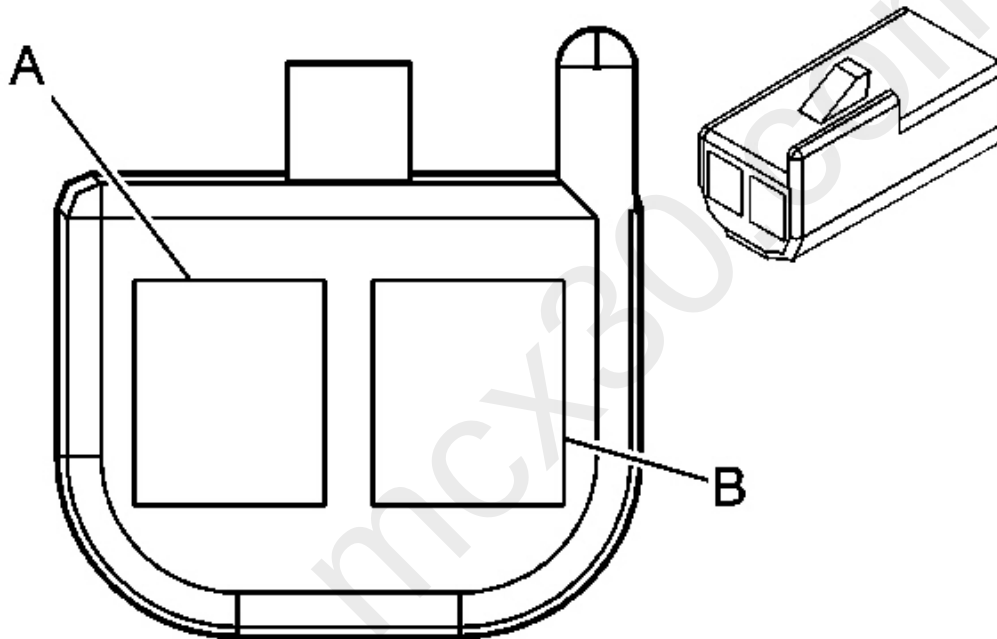


Fig. 27: S33 Horn Switch

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Steering Wheel
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 15326030/2
- Core/Insulation Crimp: E/C

S33 Horn Switch

Pin	Wire	Circuit	Function
A	0.5 RD	1329	Horn Fuse Supply Voltage
B	0.5 PK	1550	Ground

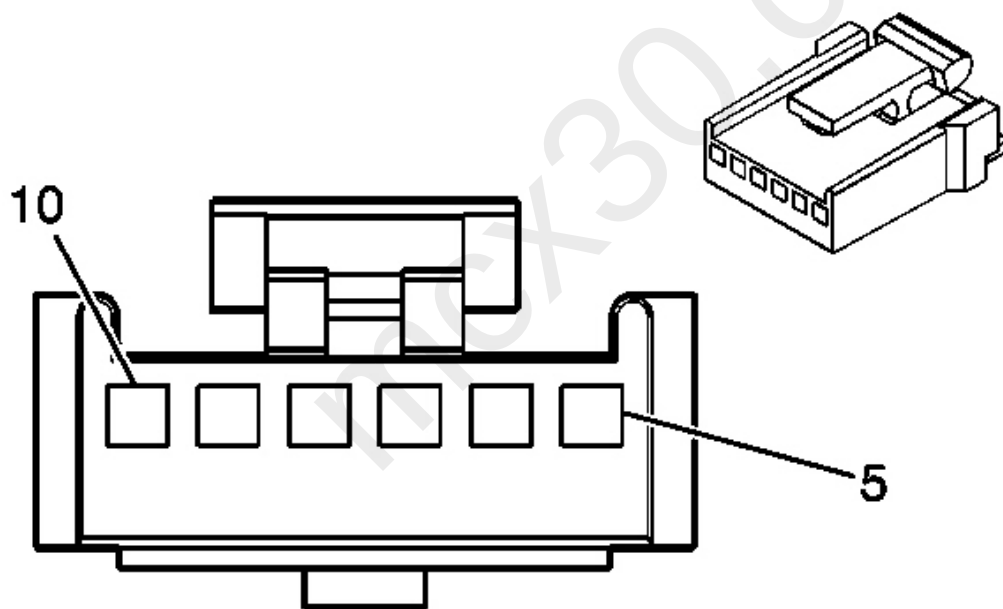
S36 INSTRUMENT PANEL DIMMER SWITCH

Fig. 28: S36 Instrument Panel Dimmer Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel

- OEM Connector: 12064993
- Service Connector: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12031876-1
- Diagnostic Test Probe: J-35616-6 (BN)
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C

S36 Instrument Panel Dimmer Switch

Pin	Wire	Circuit	Function
5	0.35 L-BU/BK	1688	5-Volt Reference
6	0.35 YE	6817	LED Backlight Dimming Control
7	0.35 BK	1550	Ground
8	-	-	Not Used
9	0.35 D-GN	44	Instrument Panel Lamps Dimmer Switch Signal
10	0.35 YE	5005	Low Reference

S39 IGNITION SWITCH

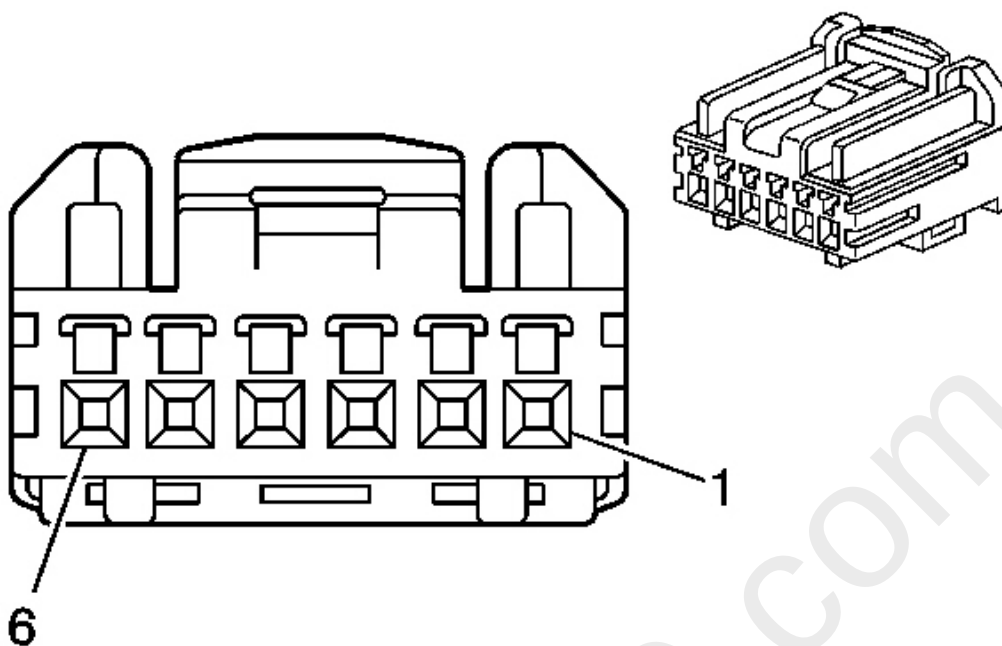


Fig. 29: S39 Ignition Switch

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: HCMPB-C06-S
- Service Connector: 19153174
- Description: 6-Way F HCM Series (NA)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SHCM-A03T-P025/20
- Core/Insulation Crimp: J/J

S39 Ignition Switch

Pin	Wire	Circuit	Function
1	0.35 PK	3	Ignition Voltage

2	0.35 RD/WH	540	Battery Positive Voltage
3	0.35 BN	4	Accessory Voltage
4	0.35 PK	1020	Ignition Voltage
5	-	-	Not Used
6	0.35 WH/BK	1073	5-Volt Reference

S45B LIFTGATE CONTROL SWITCH - INTERIOR (TB5)

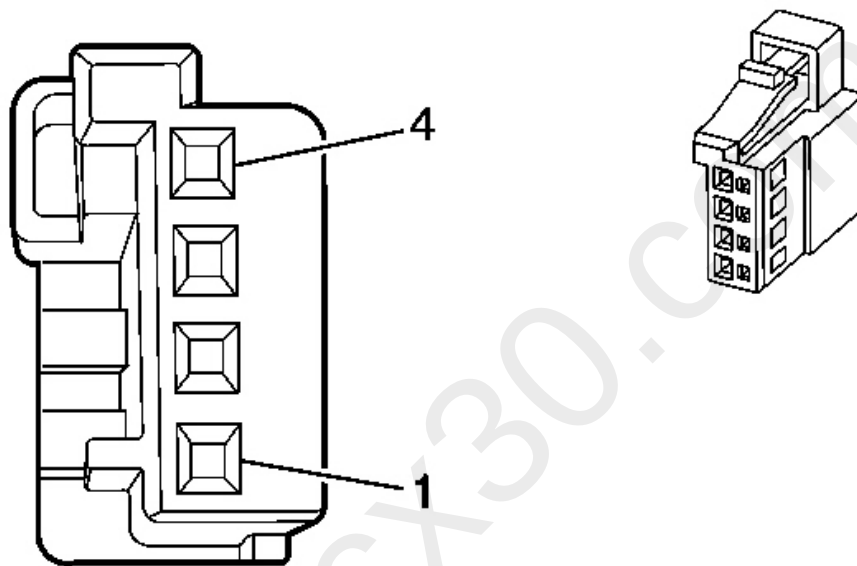


Fig. 30: S45B Liftgate Control Switch - Interior (TB5)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 1379029-1
- Service Connector: 13316145
- Description: 4-Way F 0.64 Micro Quadlok Series (BK)

Terminal Part Information

- Terminated Lead: Pending

- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H

S45B Liftgate Control Switch - Interior (TB5)

Pin	Wire	Circuit	Function
1	0.35 BK	550	Ground
2	0.35 YE	6817	LED Backlight Dimming Control
3	0.35 D-GN	6112	Liftgate On/Off Switch Signal
4	0.35 GY/BK	6113	Rear Liftgate Open/Close Switch Signal

S46 LIFTGATE HANDLE SWITCH

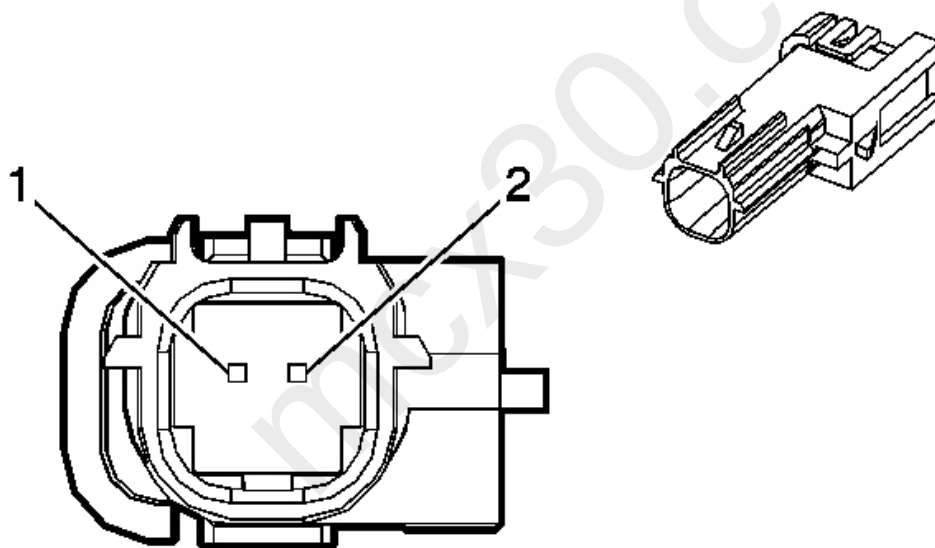


Fig. 31: S46 Liftgate Handle Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: License Lamp

- OEM: 13640461
- Service: Service by Harness - See Part Catalog
- Description: 2-Way M 064 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: 13575866
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

S46 Liftgate Handle Switch

Pin	Wire	Circuit	Function
1	0.35 GY	5797	Liftgate Open/Close Switch Signal - Rear
2	0.35 BK	2550	Ground (TB4)
	0.35 PU/WH	5801	Low Reference (TB5)

S47D SEAT MEMORY SWITCH - DRIVER (LTZ OR SLT)

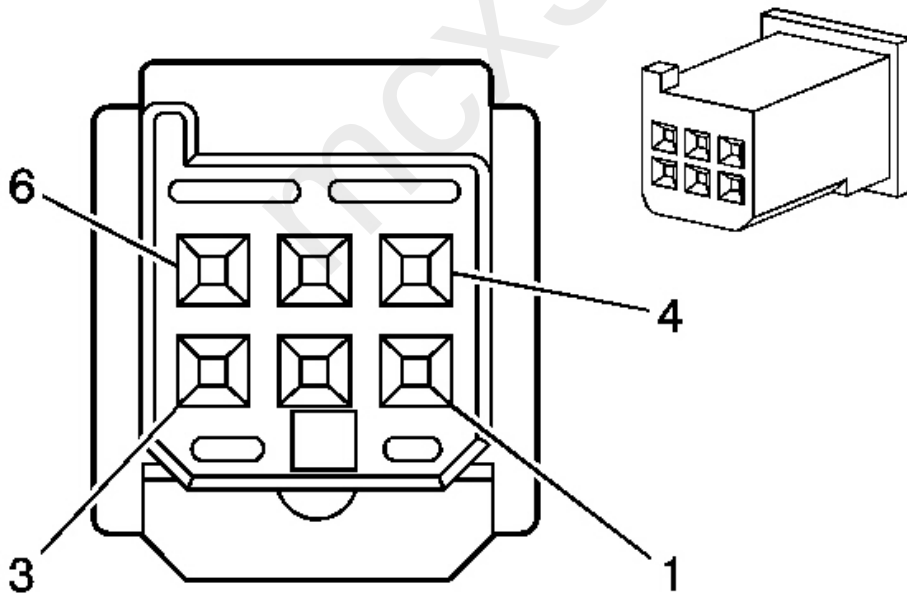


Fig. 32: S47D Seat Memory Switch - Driver (LTZ or SLT)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Seat Cushion
- OEM Connector: 1-968291-2
- Service Connector: 88988105
- Description: 6-Way F Micro Quadlok Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H

S47D Seat Memory Switch - Driver (LTZ or SLT)

Pin	Wire	Circuit	Function
1	0.35 D-BU/WH	5978	Low reference
2-4	-	-	Not Used
5	0.35 OG	614	Memory Set Switch Signal
6	0.35 WH	615	Memory 1 Switch Signal

S52 OUTSIDE REARVIEW MIRROR SWITCH

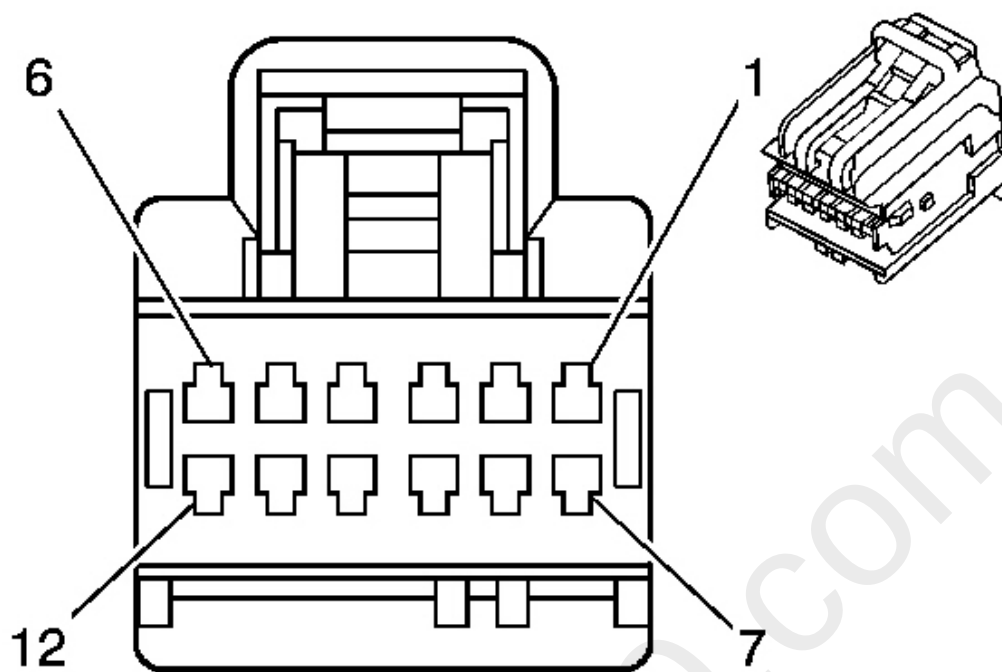


Fig. 33: S52 Outside Rearview Mirror Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door Trim
- OEM Connector: 31410-1121
- Service Connector: 19151154
- Description: 12-Way F 64 Series, Sealed (GY)

Terminal Part Information

- Terminated Lead: 13575899
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

S52 Outside Rearview Mirror Switch

Pin	Wire	Circuit	Function
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1-4	-	-	Not Used
5	0.5 WH	3398	Outside Rearview Mirror Control Switch Common (without LTZ or SLT)
	0.35 D-BU/WH	3390	Outside Rearview Mirror Up/Down Control (LTZ or SLT)
6	0.5 TN	3391	Outside Rearview Mirror Control Switch Common (without LTZ or SLT)
7	0.5 OG/BK	3397	Outside Rearview Mirror Up/Down Control (without LTZ or SLT)
8	0.5 D-BU/WH	3390	Outside Rearview Mirror Up/Down Control (without LTZ or SLT)
9	0.5 GY/BK	3396	Outside Rearview Mirror Left/Right Control (without LTZ or SLT)
10	0.5 D-GN/WH	3389	Outside Rearview Mirror Left/Right Control (without LTZ or SLT)
11	0.5 BK	750	Ground
12	0.35 D-BU/WH	3390	Outside Rearview Mirror Up/Down Control (LTZ or SLT)
	0.5 RD/WH	1940	Battery Positive Voltage (without LTZ or SLT)

S64D SEAT ADJUSTER SWITCH - DRIVER (AE8 OR LTZ OR SLT)

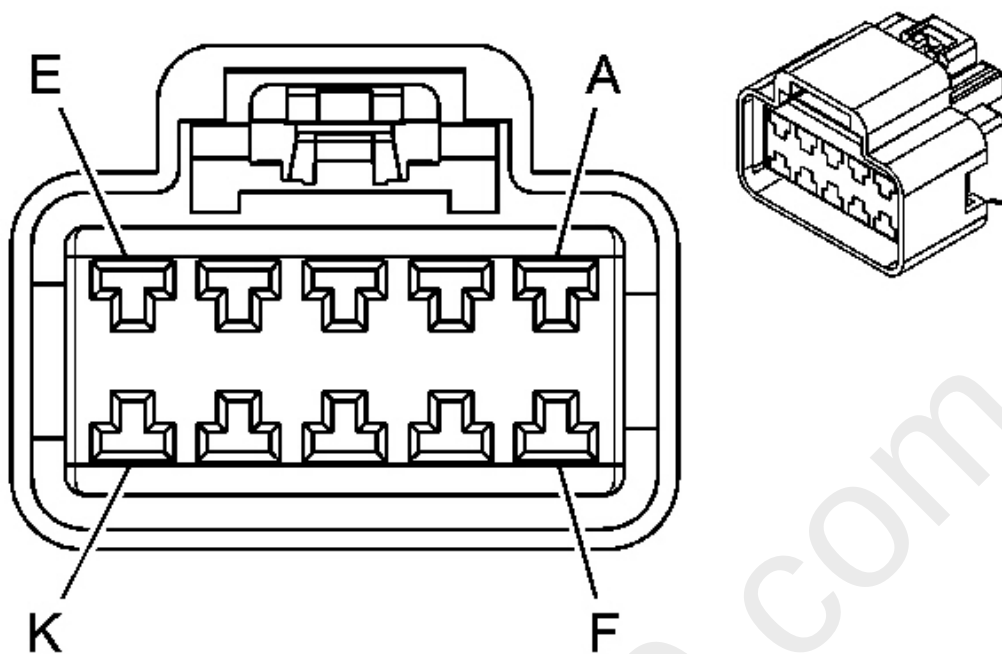


Fig. 34: S64D Seat Adjuster Switch - Driver (AE8 or LTZ or SLT)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Seat Cushion
- OEM Connector: 15326931
- Service Connector: 15306309
- Description: 10-Way F GT 280 Series (BK)

Terminal Part Information

- Pins: A-K (AE8)
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: F/D
- Pins: A, C-K (LTZ or SLT)

- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: E/A

S64D Seat Adjuster Switch - Driver (AE8 or LTZ or SLT)

Pin	Wire	Circuit	Function
A	3 D-GN	286	Driver Seat Front Vertical Motor Up Control (AE8)
	0.5 D-GN	1518	Power Seat Front Vertical Up Switch Signal (LTZ or SLT)
B	3 BK	750	Ground (AE8)
C	0.5 L-GN	1523	Power Seat Horizontal Rearward Switch Signal (LTZ or SLT)
	3 L-GN	284	Driver Seat Horizontal Motor Rearward Control (AE8)
D	0.5 TN	1522	Power Seat Horizontal Forward Switch Signal (LTZ or SLT)
	3 TN	285	Driver Seat Horizontal Motor Forward Control (AE8)
E	3 RD/WH	5040	Battery Positive Voltage (AE8)
	0.5 BK	750	Ground (LTZ or SLT)
F	3 YE	282	Driver Seat Rear Vertical Motor Up Control (AE8)
	0.5 YE	1519	Power Seat Rear Vertical Up Switch Signal (LTZ or SLT)
G	3 L-BU	277	Driver Seat Recline Motor Rearward Control (AE8)
	0.5 D-GN/WH	1270	Power Seat Recline Rearward Switch Signal (LTZ or SLT)
H	3 L-GN	276	Driver Seat Recline Motor Forward Control (AE8)
	0.5 GY/BK	1269	Power Seat Recline Forward Switch Signal (LTZ or SLT)
J	0.5 L-BU	1521	Power Seat Rear Vertical Down Switch Signal (LTZ or SLT)
	3 L-BU	283	Driver Seat Rear Vertical Motor Down Control (AE8)
K	0.5 D-BU	1520	Power Seat Front Vertical Down Switch Signal (LTZ or SLT)
	3 D-BU	287	Driver Seat Front Vertical Motor Down Control (AE8)

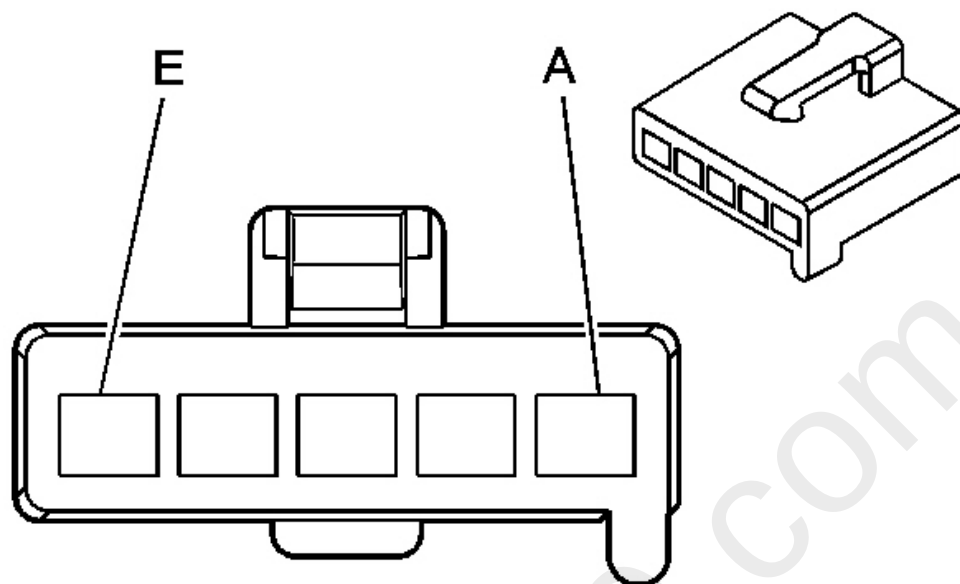
S64D SEAT ADJUSTER SWITCH - DRIVER (WITHOUT AE8 OR LTZ OR SLT)

Fig. 35: S64D Seat Adjuster Switch - Driver (without AE8 or LTZ or SLT)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Seat Cushion
- OEM Connector: 12041429
- Service Connector: 12167129
- Description: 5-Way F Metri-Pack 280 Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 12015858/4
- Core/Insulation Crimp: F/G

S64D Seat Adjuster Switch - Driver (without AE8 or LTZ or SLT)

Pin	Wire	Circuit	Function
A	3 BK	750	Ground
B	3 D-BU	287	Driver Seat Front Vertical Motor Down Control
C	3 BK	750	Ground
D	3 RD/WH	5040	Battery Positive Voltage
E	3 D-GN	286	Driver Seat Front Vertical Motor Up Control

S65D SEAT LUMBAR SUPPORT SWITCH - DRIVER

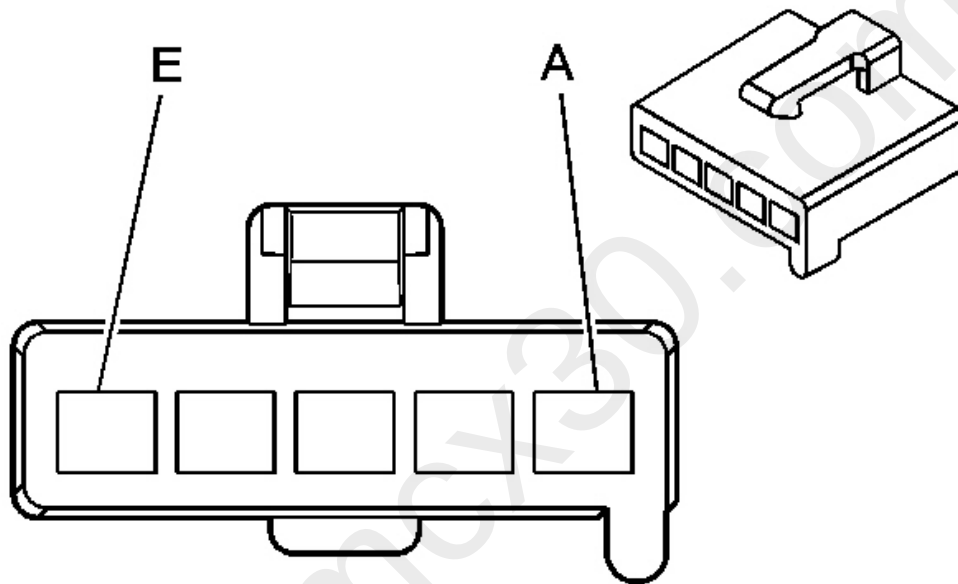


Fig. 36: S65D Seat Lumbar Support Switch - Driver
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Seat Cushion
- OEM Connector: 12041429
- Service Connector: 12167129
- Description: 5-Way F Metri-Pack 280 Series (BK)

Terminal Part Information

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

S65D Seat Lumbar Support Switch - Driver

Pin	Wire	Circuit	Function
A	0.8 BK	750	Ground
B	0.8 PK	610	Driver Seat Lumbar Motor Rearward Control
C	0.8 BK	750	Ground
D	0.8 RD/WH	5240	Battery Positive Voltage
E	0.8 D-BU	611	Driver Seat Lumbar Motor Forward Control

S70L STEERING WHEEL CONTROLS SWITCH - LEFT

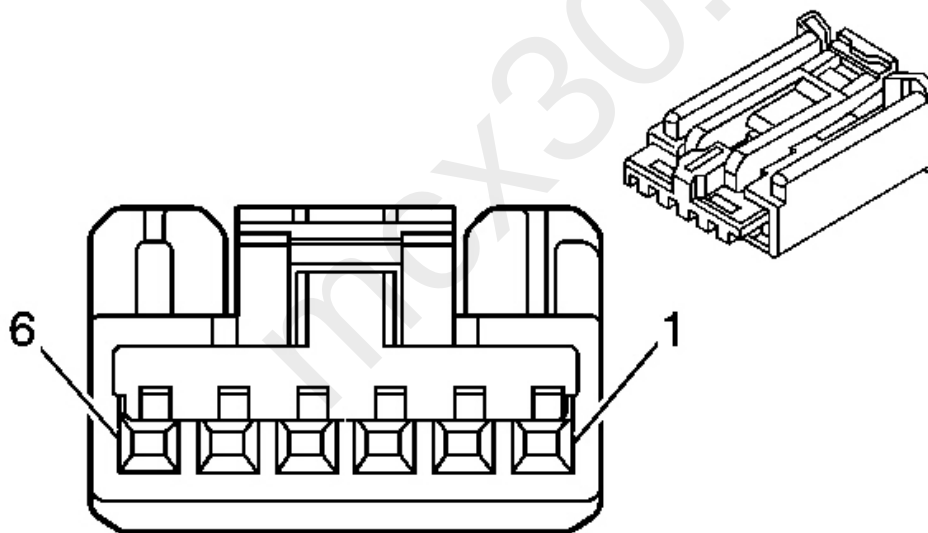


Fig. 37: S70L Steering Wheel Controls Switch - Left
 Courtesy of GENERAL MOTORS CORP.

- Harness: POA Steering Wheel
- OEM: S07B-AIT2-1FS
- Service: Service by Harness - See Part Catalog
- Description: 8-Way F (WH)

Terminal Part Information

- Terminated Lead: Service by Harness - See Part Catalog
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available

S70L Steering Wheel Controls Switch - Left

Pin	Wire	Circuit	Function
1	0.35 WH	1444	12 Volt Reference
2	-	-	Not Used
3	0.35 GY	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal
4-5	-	-	Not Used
6	0.35 YE	6817	LED Backlight Dimming Control
7	0.35 PK	1550	Ground

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT (UK3)

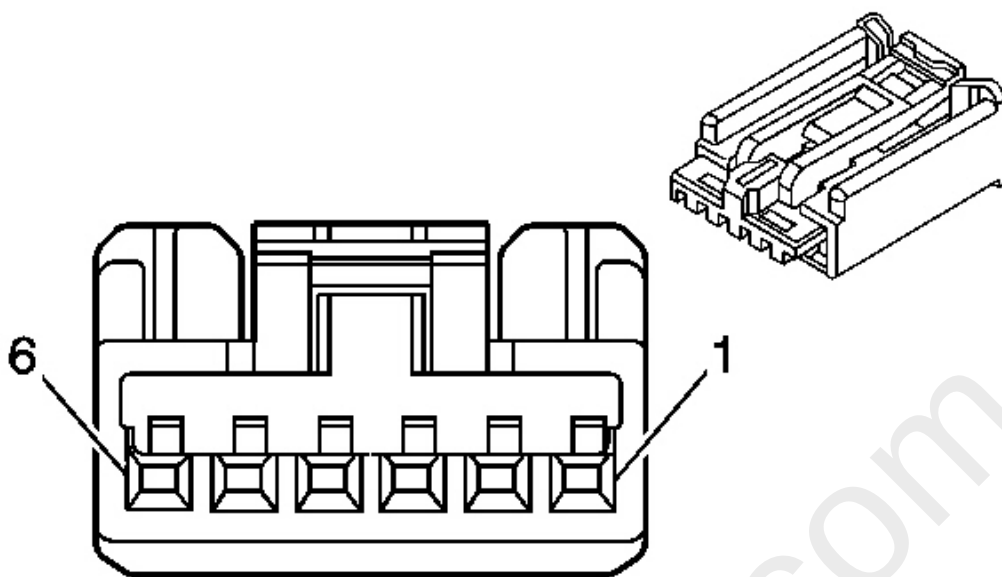


Fig. 38: S70R Steering Wheel Controls Switch - Right (UK3)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Steering Wheel
- OEM Connector: 15269798
- Service Connector: 19167753
- Description: 6-Way F AIT II Series (BK)

Terminal Part Information

- Terminated Lead: Service by Harness - See Part Catalog
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available

S70R Steering Wheel Controls Switch - Right (UK3)

Pin	Wire	Circuit	Function
1	0.35 WH	1444	12 Volt Reference
2	0.35 OG	6818	Steering Wheel Resistor Ladder Signal #1

3	-	-	Not Used
4	0.35 YE	6817	LED Backlight Dimming Control
5	0.35 PK	1550	Ground
	0.35 PK	1550	Ground
6	-	-	Not Used

S72 SUNROOF SWITCH (CF5)

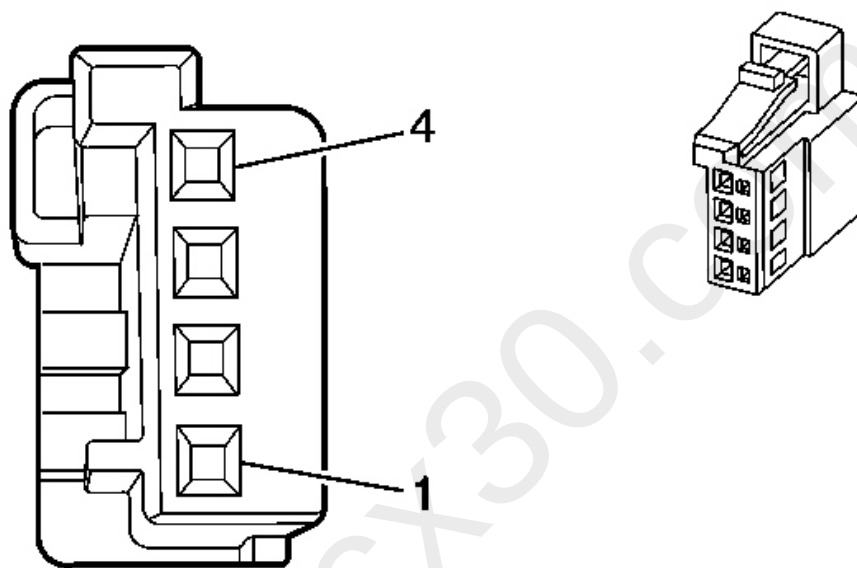


Fig. 39: S72 Sunroof Switch (CF5)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 1379029-1
- Service Connector: 13316145
- Description: 4-Way F 0.64 Micro Quadlok Series (BK)

Terminal Part Information

- Terminated Lead: Pending

- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H

S72 Sunroof Switch (CF5)

Pin	Wire	Circuit	Function
1	0.35 D-BU	128	Sunroof Switch Low Reference
2	0.35 YE	6817	LED Backlight Dimming Control
3	0.35 BK	550	Ground
4	0.35 L-BU	5027	Sunroof Switch Data 1

S75 TRACTION CONTROL SWITCH

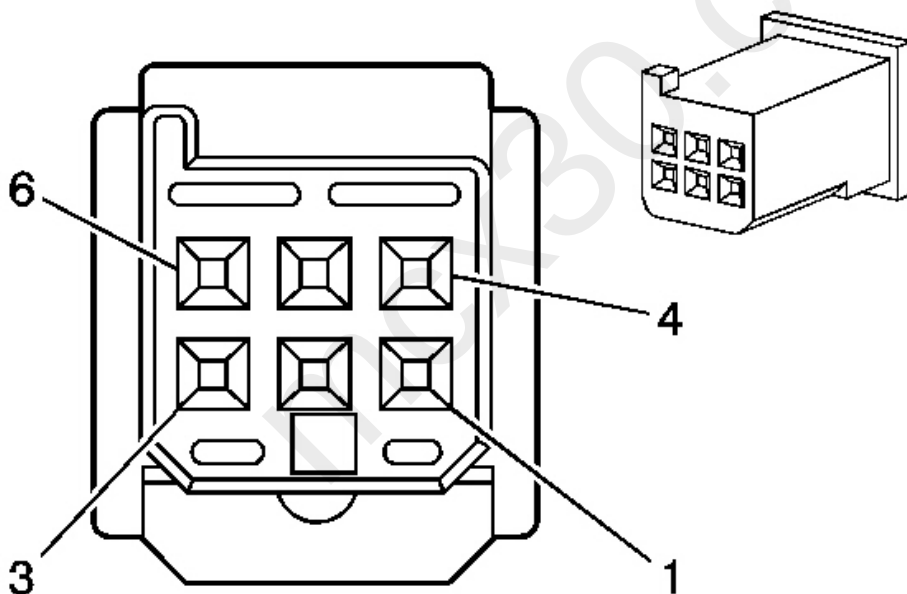


Fig. 40: S75 Traction Control Switch

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Console

- OEM Connector: 1-968291-2
- Service Connector: 88988105
- Description: 6-Way F Micro Quadlok Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H

S75 Traction Control Switch

Pin	Wire	Circuit	Function
1	0.35 BK	1550	Ground
2	0.35 YE	6817	LED Backlight Dimming Control
3	0.35 L-BU	1788	Traction Control Switch Signal
4-6	-	-	Not Used

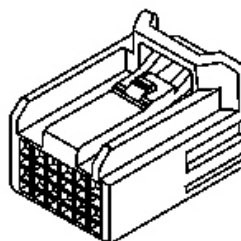
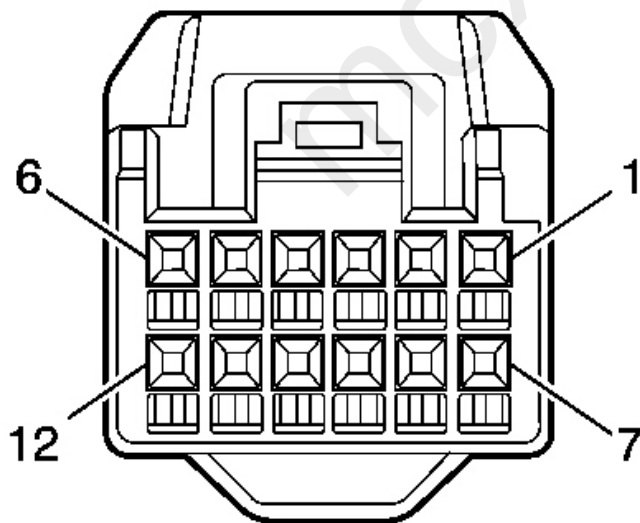
S78 TURN SIGNAL/MULTIFUNCTION SWITCH

Fig. 41: S78 Turn Signal/Multifunction Switch
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: SHC2PB-12-2AK
- Service Connector: 13316195
- Description: 12-Way F 0.64 Series (BK)

Terminal Part Information

- Terminated Lead: 13575869
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J

S78 Turn Signal/Multifunction Switch

Pin	Wire	Circuit	Function
1	0.35 OG	192	Front Fog Lamp Switch Signal/Fog Lamps Enable (T96)
2	0.35 WH	103	Headlamp Switch Headlamps On Signal
3	-	-	Not Used
4	0.35 TN	664	Hazard Switch Turn Right Signal
5	0.35 D-GN	663	Hazard Switch Left Turn Signal
6	0.35 BK	1550	Ground
7	0.35 L-BU	13	Headlamp Switch Park Lamps Signal
8	-	-	Not Used
9	0.35 D-GN	306	Headlamp Switch Headlamps Off Signal/Automatic Headlamp Low Control
10	-	-	Not Used
11	0.35 YE	525	Headlamp Dimmer Switch Low Beam Signal
12	0.35 YE	307	Headlamp Switch Flash to Pass Signal

S79D WINDOW SWITCH - DRIVER

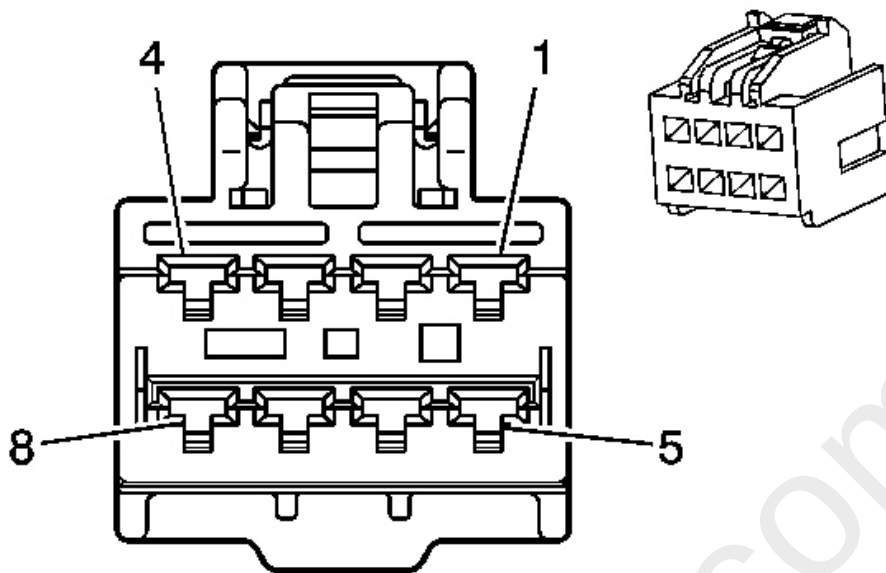


Fig. 42: S79D Window Switch - Driver
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door Trim
- OEM Connector: 6098-4713
- Service Connector: 88988652
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

- Pins: 1-4
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4
- Pins: 5-7
- Terminated Lead: 13575576

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

S79D Window Switch - Driver

Pin	Wire	Circuit	Function
1	2 BK	750	Ground
2	2 D-BU	164	Power Window Motor Left Front Up Control
3	2 BN	165	Power Window Motor Left Front Down Control
4	2 RD/WH	1240	Battery Positive Voltage
5	0.35 D-GN	6134	Local Interconnect Network 3
6	0.35 GY/BK	745	Left Front Door Ajar Switch Signal
7	0.35 D-GN	3270	Driver Door Lock Status Signal
8	-	-	Not Used

S79LR WINDOW SWITCH - LEFT REAR

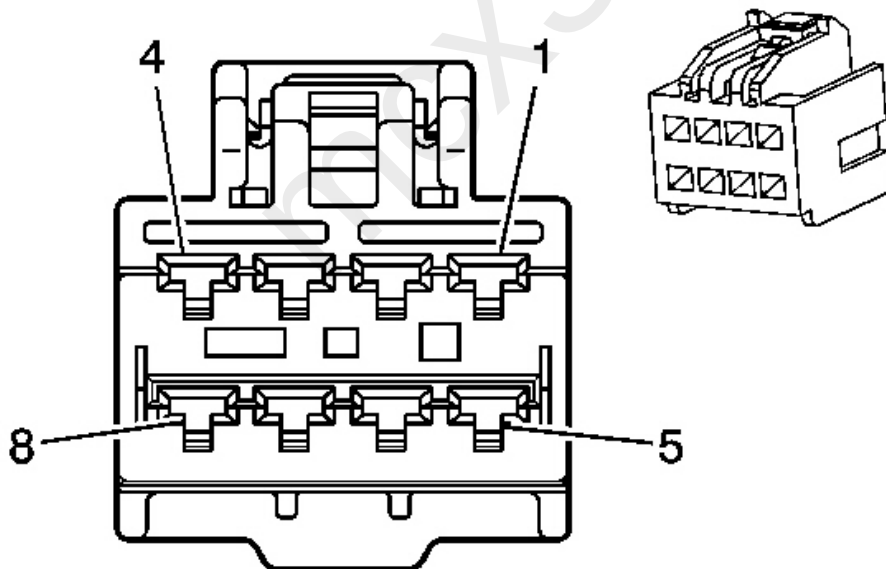


Fig. 43: S79LR Window Switch - Left Rear

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Left Rear Door
- OEM Connector: 6098-4713
- Service Connector: 88988652
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

- Pins: 1-3
- Terminated Lead: 13575576
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Pins: 5-8
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4

S79LR Window Switch - Left Rear

Pin	Wire	Circuit	Function
1	0.35 GY	6135	Local Interconnect Network 4
2	0.35 L-BU/BK	747	Left Rear Door Ajar Switch Signal
3	0.35 BK	2550	Ground
4	-	-	Not Used
5	2 BK	2550	Ground
6	2 D-BU	668	Power Window Motor Left Rear Up Control
7	2 BN	669	Power Window Motor Left Rear Down Control
8	2 RD/WH	1240	Battery Positive Voltage

S79P WINDOW SWITCH - PASSENGER X1

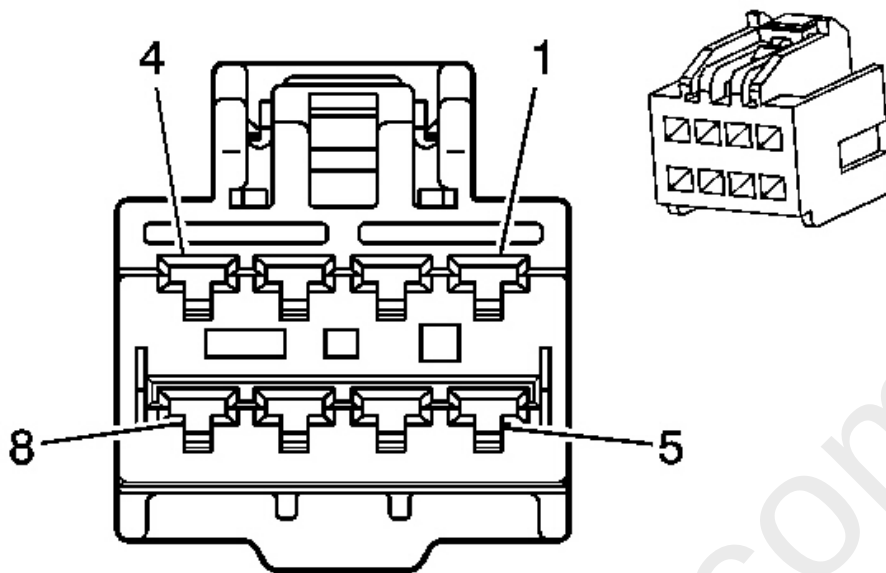


Fig. 44: S79P Window Switch - Passenger X1
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door Trim
- OEM Connector: 6098-4713
- Service Connector: 88988652
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

- Pins: 1-4
- Terminated Lead: Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4
- Pins: 5, 6
- Terminated Lead: 13575576

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

S79P Window Switch - Passenger X1

Pin	Wire	Circuit	Function
1	2 BK	750	Ground
2	2 D-BU	666	Power Window Motor Right Front Up Control
3	2 BN	667	Power Window Motor Right Front Down Control
4	2 RD/WH	1340	Battery Positive Voltage
5	0.35 D-GN	6134	Local Interconnect Network 3
6	0.35 TN/WH	746	Right Front Door Ajar Switch Signal
7-8	-	-	Not Used

S79P WINDOW SWITCH - PASSENGER X2 (LTZ OR SLT)

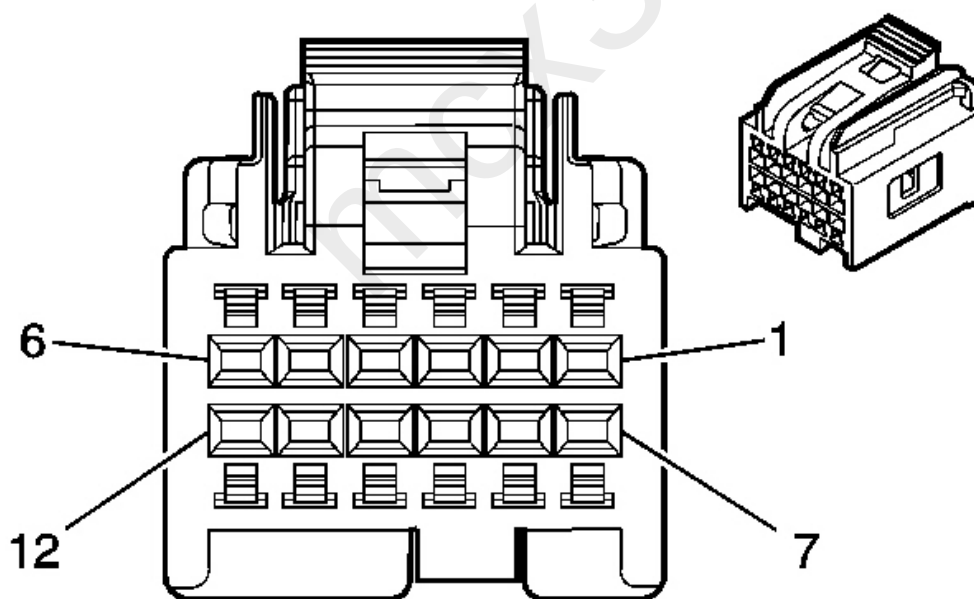


Fig. 45: S79P Window Switch - Passenger X2 (LTZ or SLT)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door Trim
- OEM Connector: 6098-4713
- Service Connector: 88988652
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

- Terminated Lead: 13575866
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

S79P Window Switch - Passenger X2 (LTZ or SLT)

Pin	Wire	Circuit	Function
1	-	-	Not Used
2	0.5 OG/BK	6162	Outside Right Mirror Horizontal Position Control
3	0.5 WH	7196	Outside Right Mirror Drive Motor Common
4	0.5 YE	674	5-Volt Reference
5	0.5 BN	787	Passenger Mirror Vertical Position Sensor Signal
6	0.5 L-GN	675	Low Reference
7	-	-	Not Used
8	0.5 GY/BK	6161	Outside Right Mirror Horizontal Position Control
9	0.35 WH	7530	Local Interconnect Network 8
10	-	-	Not Used
11	0.5 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal
12	-	-	Not Used

S79RR WINDOW SWITCH - RIGHT REAR

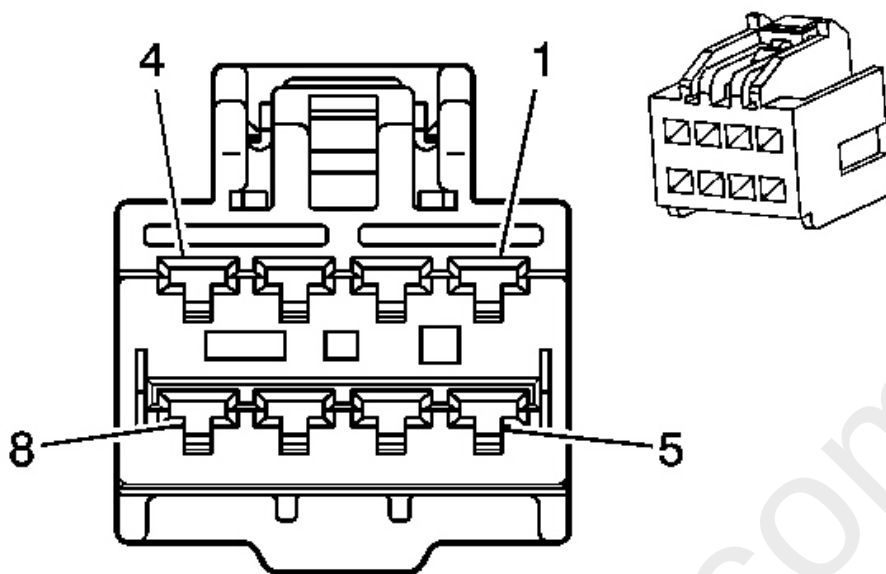


Fig. 46: S79RR Window Switch - Right Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Right Rear Door
- OEM Connector: 6098-4713
- Service Connector: 88988652
- Description: 8-Way F 2.8 Series (BK)

Terminal Part Information

- Pins: 1, 2
- Terminated Lead: 13575576
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Pins: 5-8
- Terminated Lead: Pending

- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4

S79RR Window Switch - Right Rear

Pin	Wire	Circuit	Function
1	0.35 GY	6135	Local Interconnect Network 4
2	0.35 L-GN/BK	748	Right Rear Door Ajar Switch Signal
3-4	-	-	Not Used
5	2 BK	550	Ground
6	2 D-BU	670	Power Window Motor Right Rear Up Control
7	2 BN	671	Power Window Motor Right Rear Down Control
8	2 RD/WH	1340	Battery Positive Voltage

S82 WINDSHIELD WIPER/WASHER SWITCH

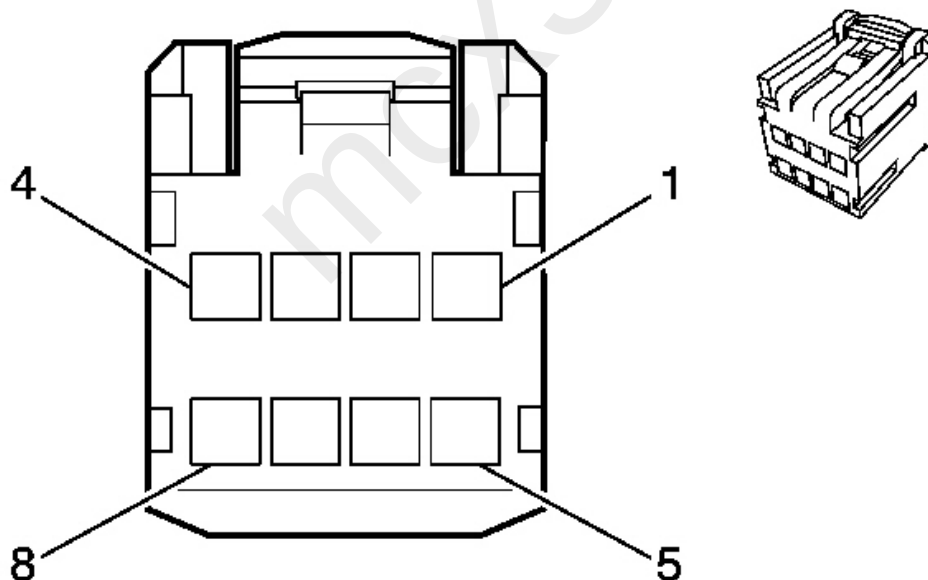


Fig. 47: S82 Windshield Wiper/Washer Switch

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: HCMDPB-08-K
- Service Connector: 13316157
- Description: 8-Way F 1.2 HCM Series (WH)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SHCM-A03T-P025/20
- Core/Insulation Crimp: J/J

S82 Windshield Wiper/Washer Switch

Pin	Wire	Circuit	Function
1	0.35 L-GN	1715	Windshield Wiper Switch High Signal
2	0.35 TN/BK	6009	Low Reference
3	0.35 L-BU	1714	Windshield Wiper Switch Low Signal
4	0.35 GY	391	Rear Window Wiper Switch Signal
5	0.35 PK	94	Windshield Washer Switch Signal
6-8	-	-	Not Used

S88 SUNROOF TILT SWITCH (CF5)

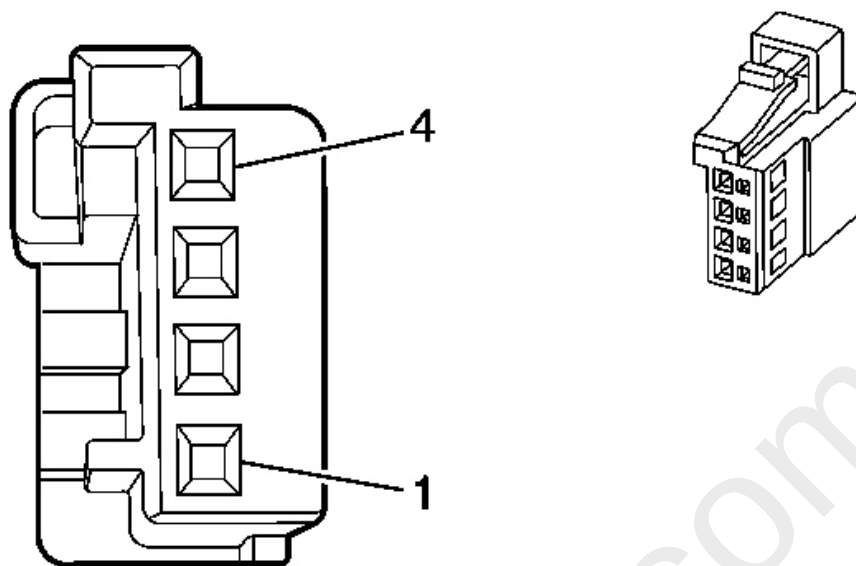


Fig. 48: S88 Sunroof Tilt Switch (CF5)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 1379029-2
- Service Connector: 13316146
- Description: 4-Way F 0.64 MQS Series (WH)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H

S88 Sunroof Tilt Switch (CF5)

Pin	Wire	Circuit	Function
1	0.35 PK	2075	Sunroof Switch Close Vent Signal

2	0.35 YE	6817	LED Backlight Dimming Control
3	0.35 BK	550	Ground
4	0.35 OG/BK	144	Sunroof Switch Open Vent Signal

S112 FUEL ECONOMY MODE SWITCH

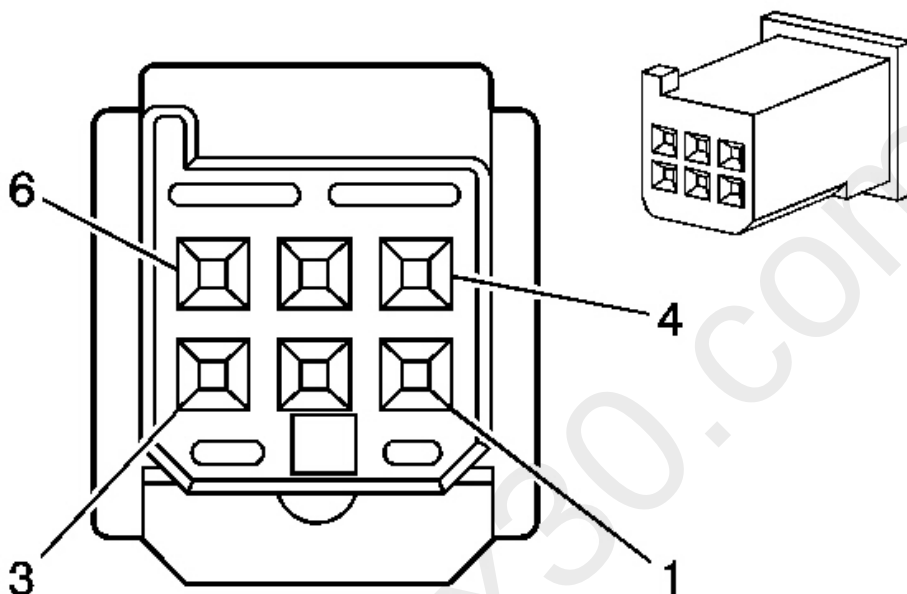


Fig. 49: S112 Fuel Economy Mode Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Console
- OEM Connector: 1-968291-2
- Service Connector: 88988105
- Description: 6-Way F Micro Quadlok Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)

- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: Pins 1, 3, 4 - J/J
- Core/Insulation Crimp: Pin 2 - H/H

S112 Fuel Economy Mode Switch

Pin	Wire	Circuit	Function
1	0.5 BK	1550	Ground
2	0.35 YE	6817	LED Backlight Dimming Control
3	0.5 GY	2093	5-Volt 2 Reference
4	0.5 PK/WH	2092	Fuel Economy Mode Switch Signal
5-6	-	-	Not Used

T3 AUDIO AMPLIFIER X1

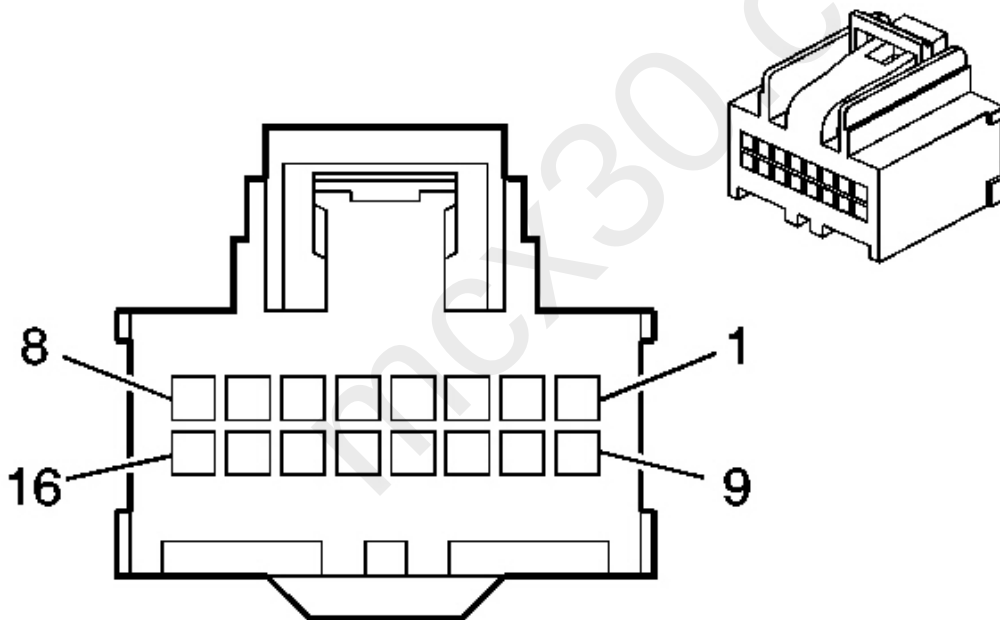


Fig. 50: T3 Audio Amplifier X1

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel

- OEM Connector: 7283-9076-30
- Service Connector: 15136073
- Description: 16-Way F Kaizen 64 Series (BK)

Terminal Part Information

- Terminated Lead: 13575866
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P

T3 Audio Amplifier X1

Pin	Wire	Circuit	Function
1	0.35 BN/WH	599	Left Rear Low Level Audio Signal +
2	0.35 BN	1999	Left Rear Low Level Audio Signal -
3	0.35 TN	1946	Right Rear Low Level Audio Signal -
4	0.35 D-BU	546	Right Rear Low Level Audio Signal +
5-7	-	-	Not Used
8	0.35 WH	7066	Remote Enable
9	0.35 L-GN/WH	512	Right Front Low Level Audio Signal +
10	0.35 OG/BK	1546	Front Low Level Audio Signal -
11	0.35 D-GN	1947	Left Front Low Level Audio Signal -
12	0.35 TN	511	Left Front Low Level Audio Signal +
13-15	-	-	Not Used
16	0.35 OG	6978	DVD Audio Common