

2010 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Component Connector End Views - Equinox & Terrain

COMPONENT CONNECTOR END VIEWS

B52C HEATED OXYGEN SENSOR - BANK 1 SENSOR 1 (LF1)

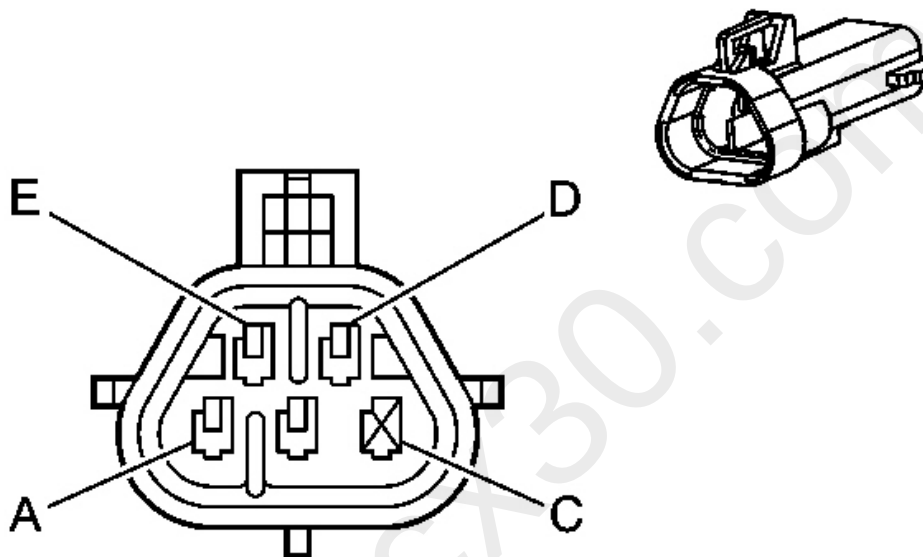


Fig. 1: B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12092839
- Service Connector: 88987991
- Description: 5-Way M Metri-Pack 150 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending

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

B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3111	HO2S Low Reference (Bank 1 Sensor 1)
B	0.5 PU/WH	3110	HO2S Reference Voltage (Bank 1 Sensor 1)
C	-	-	Not Used
D	0.5 PK/BK	5293	Ignition Voltage
E	0.5 GY/WH	3113	HO2S Heater Low Control (Bank 1 Sensor 1)

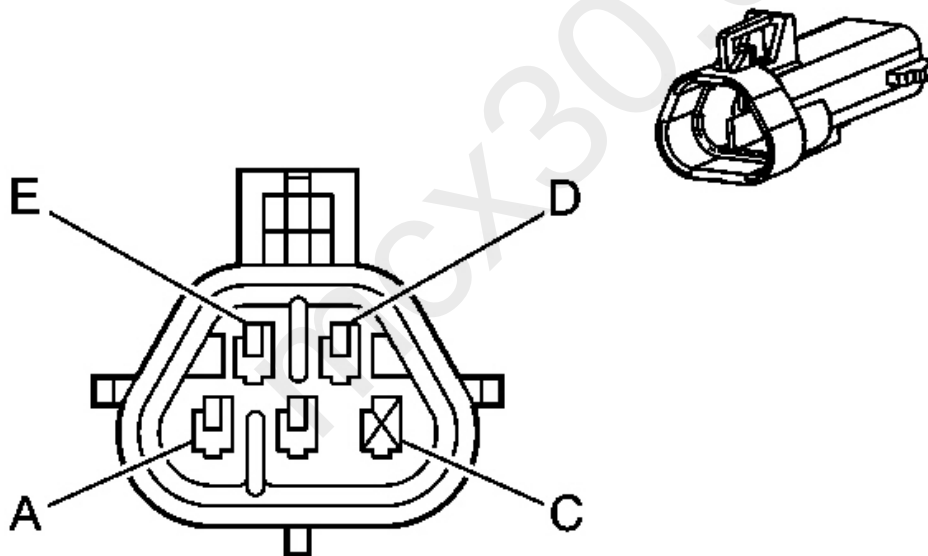
B52D HEATED OXYGEN SENSOR - BANK 1 SENSOR 2 (LF1)

Fig. 2: B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LF1)
Courtesy of GENERAL MOTORS CORP.

- Harness: Engine
- OEM Connector: 12092839
- Service Connector: 88987991
- Description: 5-Way M Metri-Pack 150 Series, Sealed (BK)

Terminal Part Information

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

B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3121	HO2S Low Signal (Bank 1 Sensor 2)
B	0.5 PU	3120	HO2S High Signal (Bank 1 Sensor 2)
C	-	-	Not Used
D	0.5 PK/BK	5294	Battery Positive Voltage
E	0.5 GY/WH	3122	HO2S Heater Low Control (Bank 2 Sensor 1)

B52E HEATED OXYGEN SENSOR - BANK 2 SENSOR 1 (LF1)

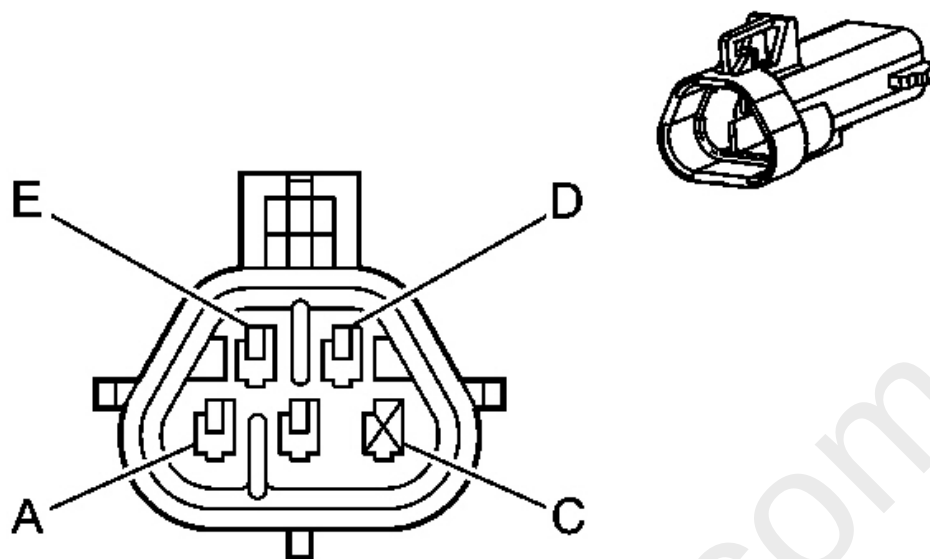


Fig. 3: B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12092839
- Service Connector: 88987991
- Description: 5-Way M Metri-Pack 150 Series, Sealed (BK)

Terminal Part Information

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

B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3211	HO2S Low Reference (Bank 2 Sensor 1)

B	0.5 PU/WH	3210	HO2S Reference Voltage (Bank 2 Sensor 1)
C	-	-	Not Used
D	0.5 PK/BK	5293	Ignition Voltage
E	0.5 L-GN	3212	HO2S Heater Low Control (Bank 2 Sensor 1)

B52F HEATED OXYGEN SENSOR - BANK 2 SENSOR 2 (LF1)

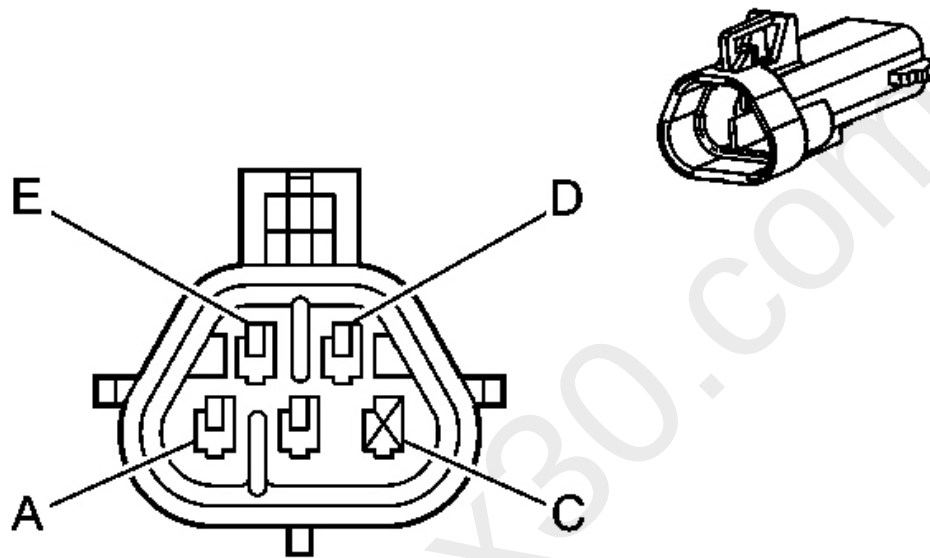


Fig. 4: B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12092839
- Service Connector: 88987991
- Description: 5-Way M Metri-Pack 150 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429

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

B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN	3221	HO2S Low Signal (Bank 2 Sensor 2)
B	0.5 PU	3220	HO2S High Signal (Bank 2 Sensor 2)
C	-	-	Not Used
D	0.5 PK/BK	5294	Battery Positive Voltage
E	0.5 OG/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)

B55 HOOD AJAR SWITCH (BTV)

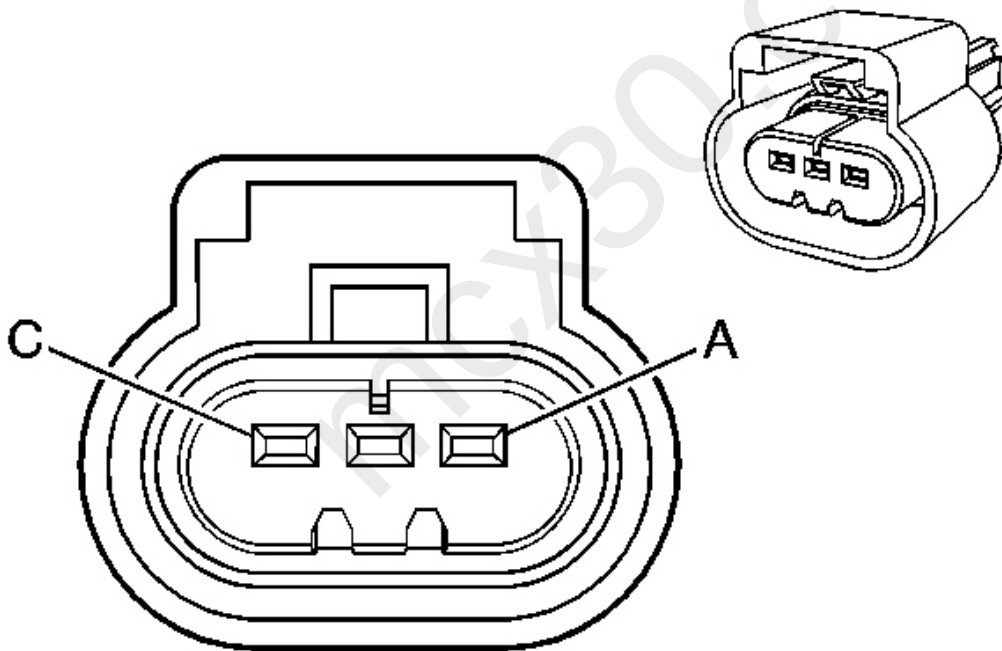


Fig. 5: B55 Hood Ajar Switch (BTV)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Forward Lamp

- OEM Connector: 15326808
- Service Connector: 15306388
- Description: 3-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: 12191819/8
- Core/Insulation Crimp: E/A

B55 Hood Ajar Switch (BTV)

Pin	Wire	Circuit	Function
A	-	-	Not Used
B	0.35 PK/BK	109	Hood Ajar Switch Signal
C	0.35 BK	1150	Ground

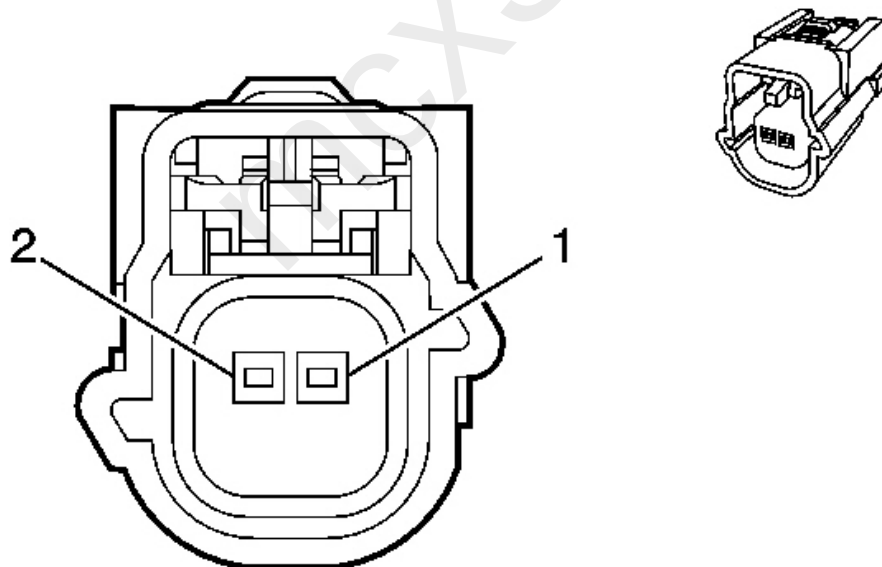
B59L FRONT IMPACT SENSOR - LEFT

Fig. 6: B59L Front Impact Sensor - Left

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Forward Lamp
- OEM Connector: 54390242
- Service Connector: 13314084
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B59L Front Impact Sensor - Left

Pin	Wire	Circuit	Function
1	0.35 YE	354	Front End Sensor - Left - Signal
2	0.35 TN/OG	5045	Low Reference

B59R FRONT IMPACT SENSOR - RIGHT

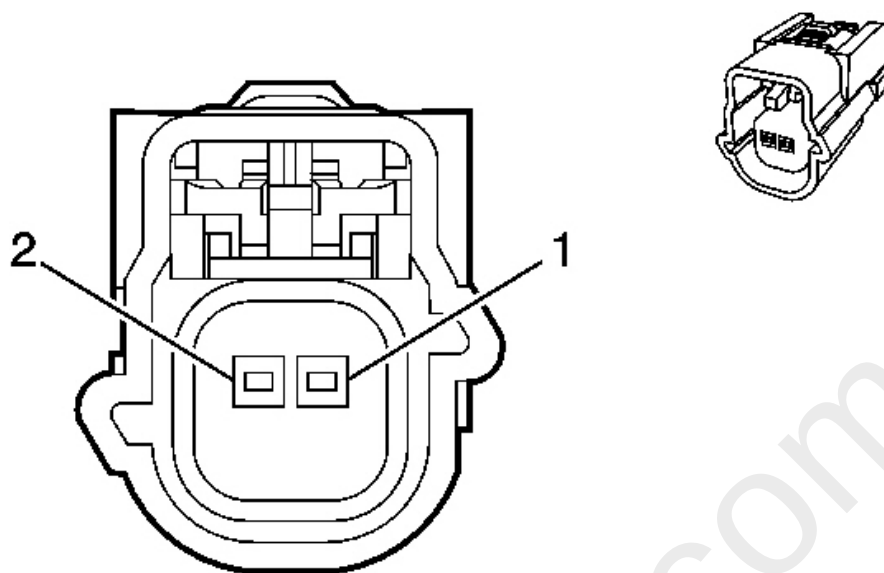


Fig. 7: B59R Front Impact Sensor - Right
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Forward Lamp
- OEM Connector: 54390242
- Service Connector: 13314084
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B59R Front Impact Sensor - Right

Pin	Wire	Circuit	Function
1	0.35 D-GN	1409	Front End Sensor - Right - Signal

2

0.35 GY

5600

Low Reference

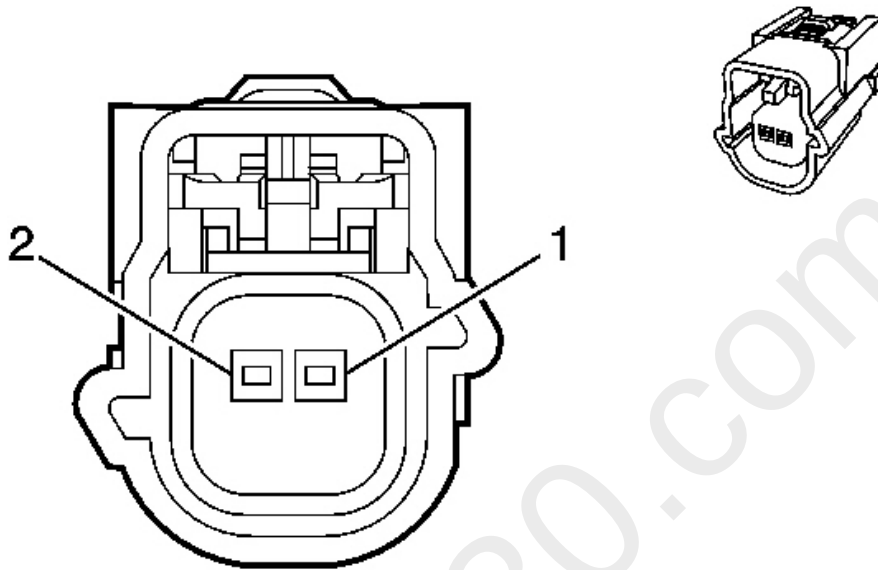
B63LF SIDE IMPACT SENSOR - LEFT FRONT

Fig. 8: B63LF Side Impact Sensor - Left Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door
- OEM Connector: 54390242
- Service Connector: 13314084
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B63LF Side Impact Sensor - Left Front

Pin	Wire	Circuit	Function
1	0.35 WH	2132	Side Impact Sensing Module - Left - Signal
2	0.35 PU/WH	6628	Low Reference

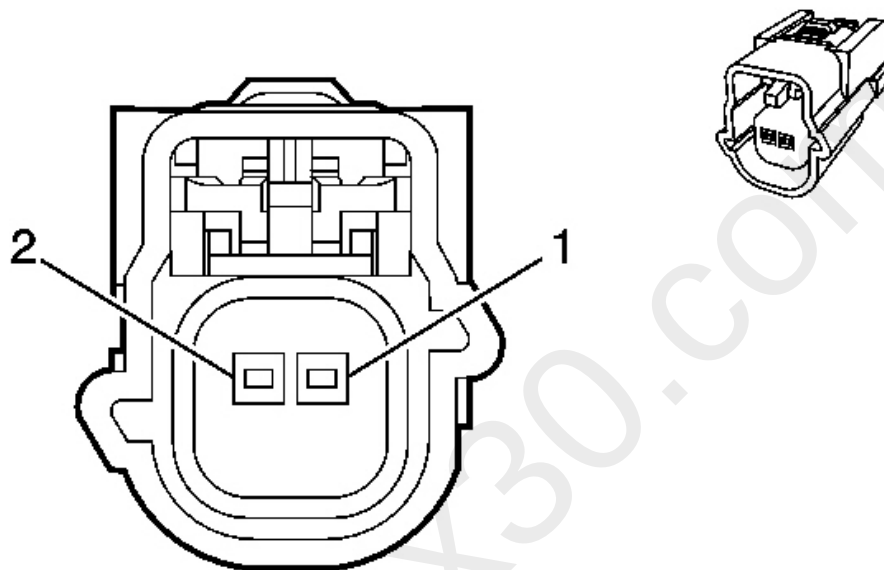
B63LR SIDE IMPACT SENSOR - LEFT REAR

Fig. 9: B63LR Side Impact Sensor - Left Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Left Rear Door
- OEM Connector: 54390242
- Service Connector: 13314084
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B63LR Side Impact Sensor - Left Rear

Pin	Wire	Circuit	Function
1	0.35 D-GN/WH	6620	Left Middle Side Impact Sensing Module Signal
2	0.35 GY/BK	6621	Low Reference

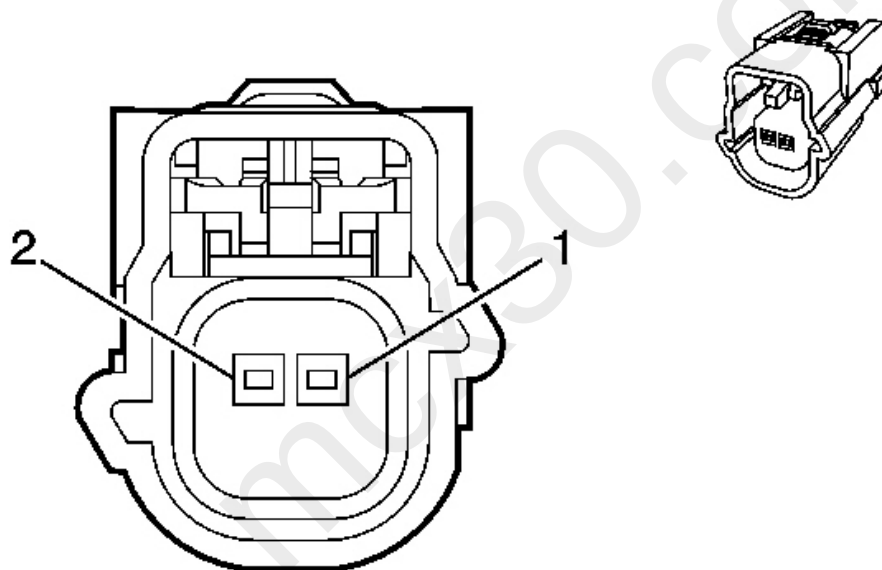
B63RF SIDE IMPACT SENSOR - RIGHT FRONT

Fig. 10: B63RF Side Impact Sensor - Right Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door
- OEM Connector: 54390242
- Service Connector: 13314084

- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B63RF Side Impact Sensor - Right Front

Pin	Wire	Circuit	Function
1	0.35 D-GN	2134	Side Impact Sensing Module - Right - Signal
2	0.35 WH/BK	6629	Low Reference

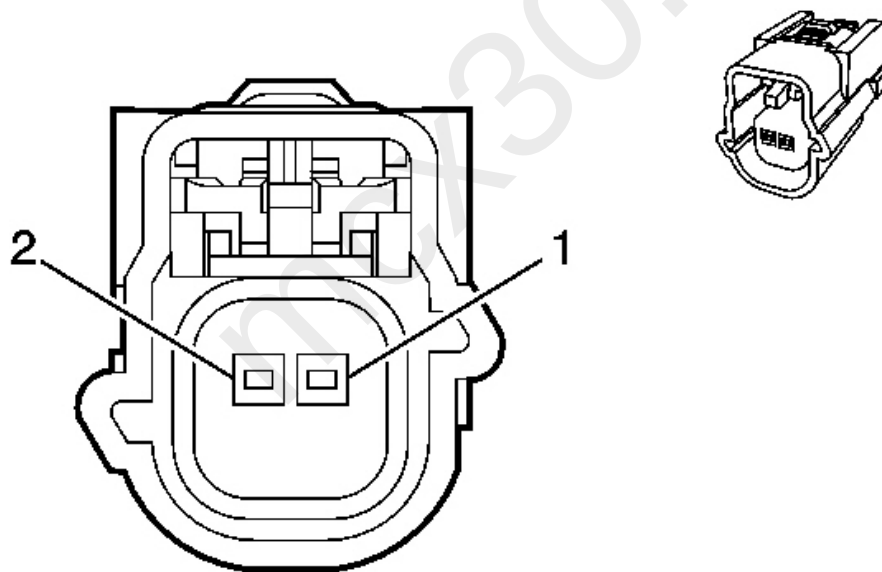
B63RR SIDE IMPACT SENSOR - RIGHT REAR

Fig. 11: B63RR Side Impact Sensor - Right Rear
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Right Rear Door
- OEM Connector: 54390242
- Service Connector: 13314084
- Description: 2-Way F Kaizen 0.64 Series, Sealed (D-GY)

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

B63RR Side Impact Sensor - Right Rear

Pin	Wire	Circuit	Function
1	0.35 L-BU/BK	6624	Right Middle Side Impact Sensing Module Signal
2	0.35 L-GU/WH	6625	Low Reference

B68 KNOCK SENSOR (LAF)

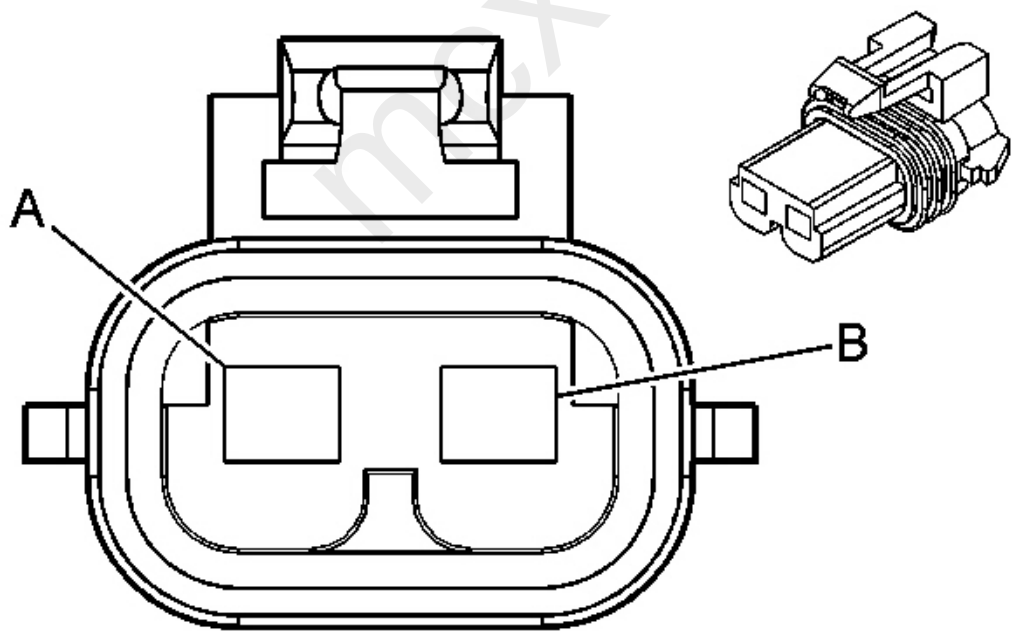


Fig. 12: B68 Knock Sensor (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12077900
- Service Connector: 12116247
- Description: 2-Way F Metri-Pack 280 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

B68 Knock Sensor (LAF)

Pin	Wire	Circuit	Function
A	0.5 D-BU	496	Knock Sensor (KS) 1 Signal
B	0.5 GY	1716	Knock Sensor (KS) 1 Signal

B68A KNOCK SENSOR 1 (LF1)

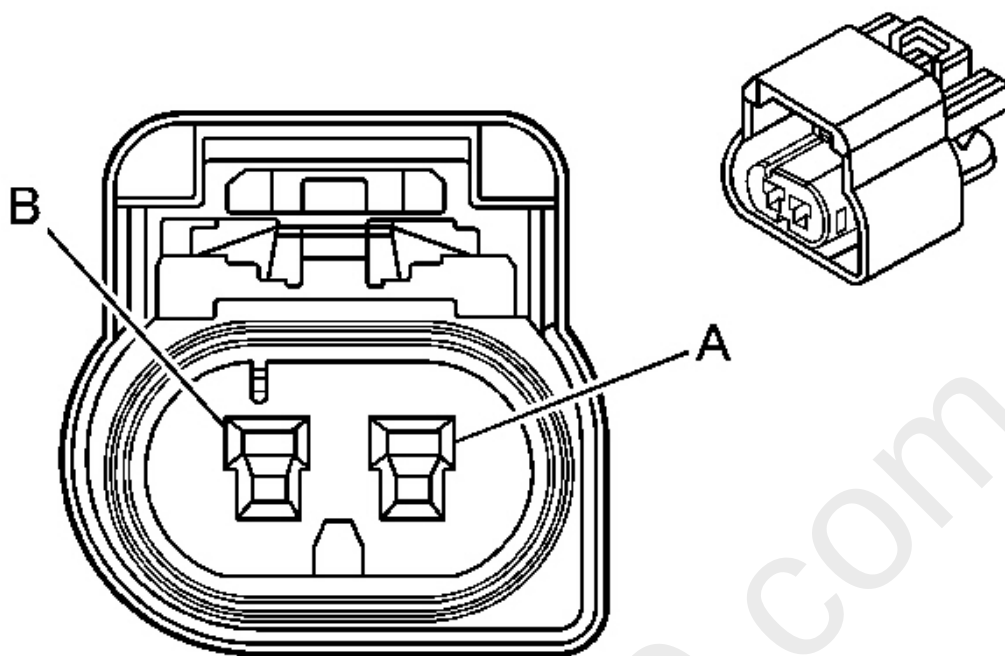


Fig. 13: B68A Knock Sensor 1 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15374222
- Service Connector: 88953268
- Description: 2-Way F GT 150 Sealed (NA)

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

B68A Knock Sensor 1 (LF1)

Pin	Wire	Circuit	Function

A	0.5 D-BU	496	Knock Sensor (KS) 1 Signal
B	0.5 GY	1716	Knock Sensor (KS) 1 Signal

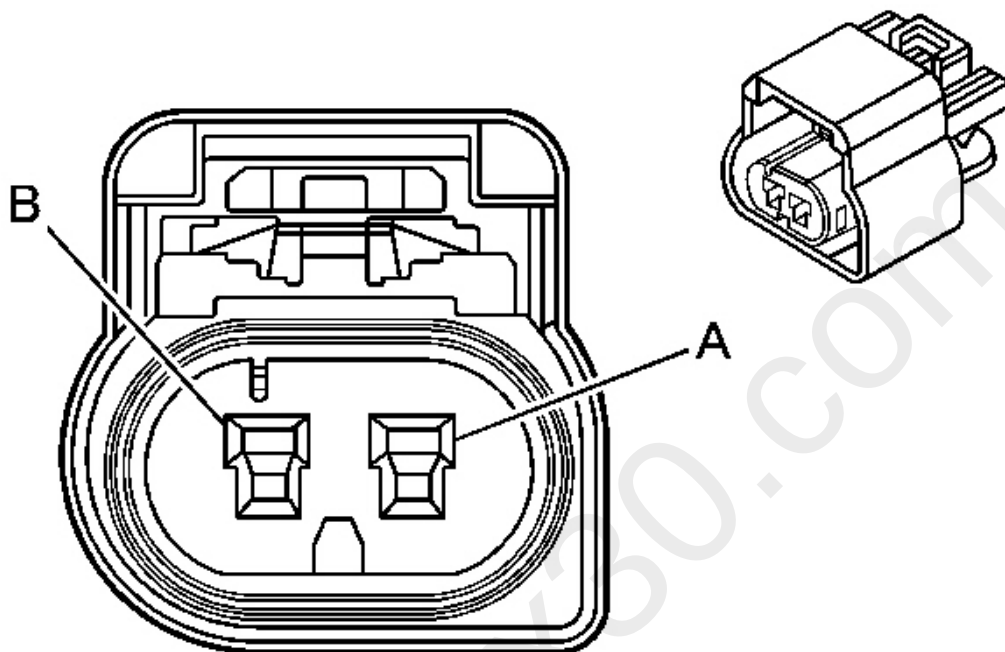
B68B KNOCK SENSOR 2 (LF1)

Fig. 14: B68B Knock Sensor 2 (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15374222
- Service Connector: 88953268
- Description: 2-Way F GT 150 Sealed (NA)

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

B68B Knock Sensor 2 (LF1)

Pin	Wire	Circuit	Function
A	0.5 L-BU	1876	Knock Sensor (KS) 2 Signal
B	0.5 GY	2303	Knock Sensor (KS) 2 Signal

B70 LIFTGATE CLOSE SWITCH (TB5)

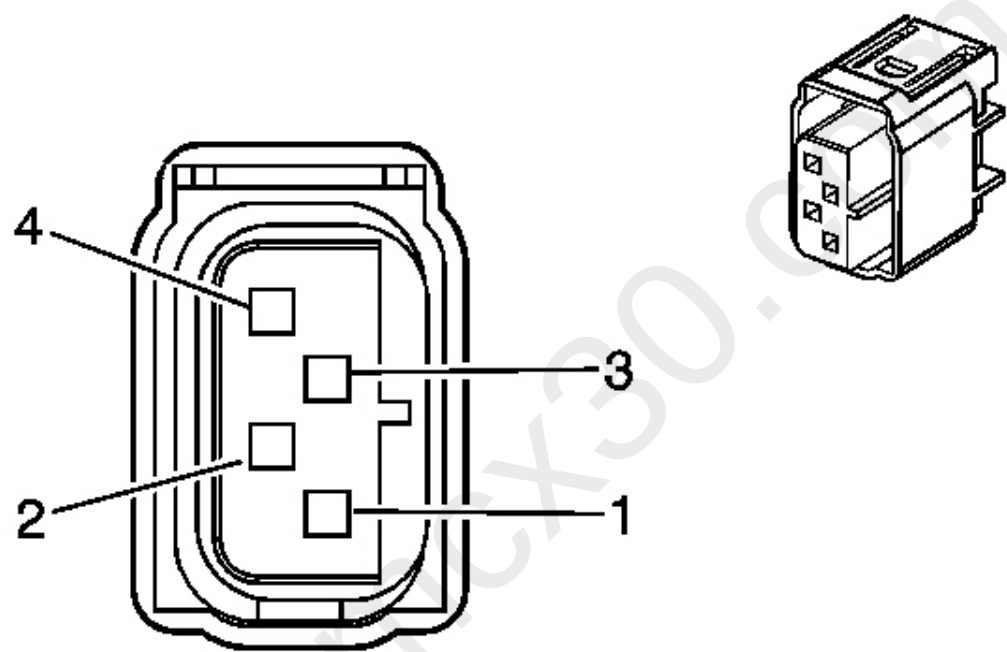


Fig. 15: B70 Liftgate Close Switch (TB5)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Liftgate
- OEM Connector: 1-967640-1
- Service Connector: 88953370
- Description: 4-Way F MQS Socket Housing, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094429
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6

B70 Liftgate Close Switch (TB5)

Pin	Wire	Circuit	Function
1-2	-	-	Not Used
3	0.35 D-GN	3033	Liftgate Latch Sector Switch Signal
4	0.35 PU/WH	5801	Low Reference

B71L LIFTGATE OBJECT SENSOR - LEFT (TB5)

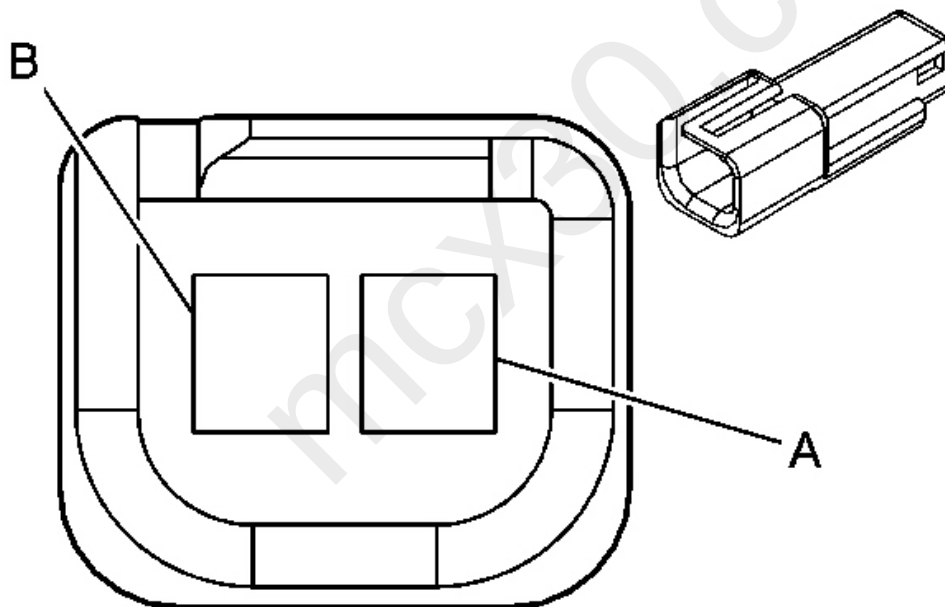


Fig. 16: B71L Liftgate Object Sensor - Left (TB5)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Liftgate

- OEM Connector: 12047663
- Service Connector: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

Terminal Part Information

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

B71L Liftgate Object Sensor - Left (TB5)

Pin	Wire	Circuit	Function
A	0.35 PK/BK	5802	5-Volt Reference
B	0.35 PU/WH	5801	Low Reference

B71R LIFTGATE OBJECT SENSOR - RIGHT (TB5)

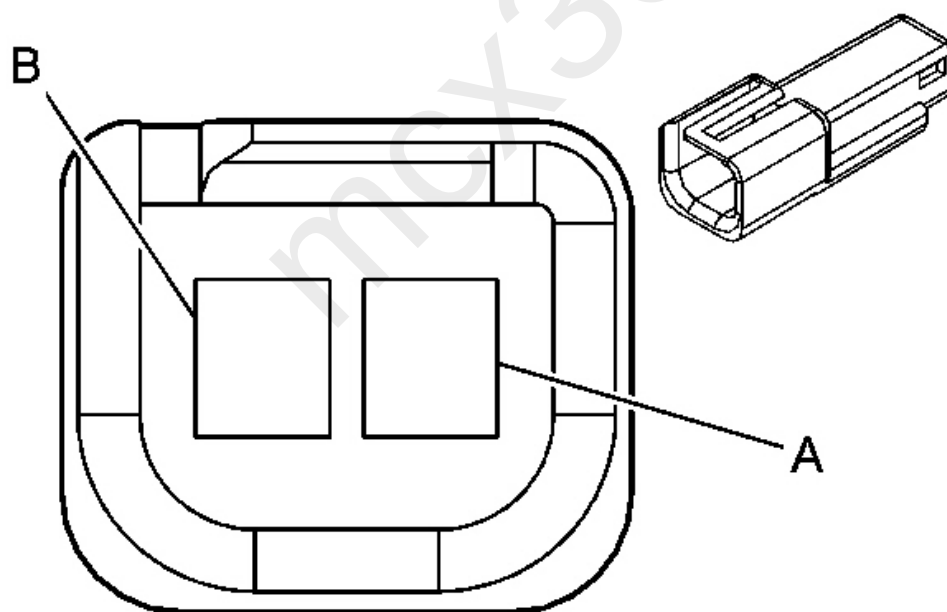


Fig. 17: B71R Liftgate Object Sensor - Right (TB5)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Liftgate
- OEM Connector: 12047663
- Service Connector: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

Terminal Part Information

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

B71R Liftgate Object Sensor - Right (TB5)

Pin	Wire	Circuit	Function
A	0.35 WH/BK	6126	Liftgate Side Upper Sensor Signal
B	0.35 PK/BK	5802	5-Volt Reference

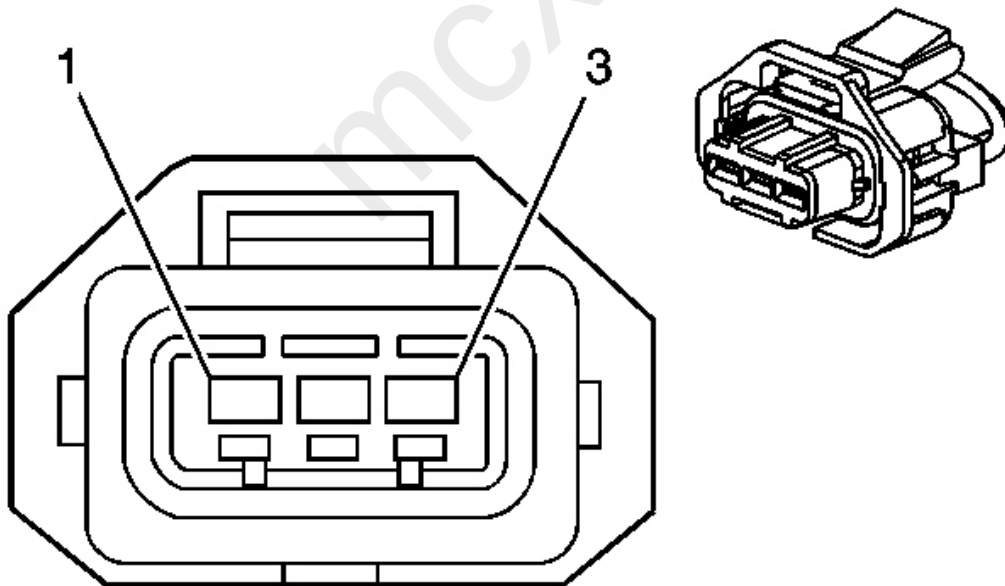
B74 MANIFOLD ABSOLUTE PRESSURE SENSOR

Fig. 18: B74 Manifold Absolute Pressure Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 1928403966
- Service Connector: 88988583
- Description: 3-Way F Kompakt 280 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

B74 Manifold Absolute Pressure Sensor

Pin	Wire	Circuit	Function
1	0.5 GY	2704	5-Volt 3 Reference
2	0.5 OG/BK	469	Low Reference
3	0.5 L-GN	432	MAP Sensor Signal

B75B MASS AIR FLOW/INTAKE AIR TEMPERATURE SENSOR

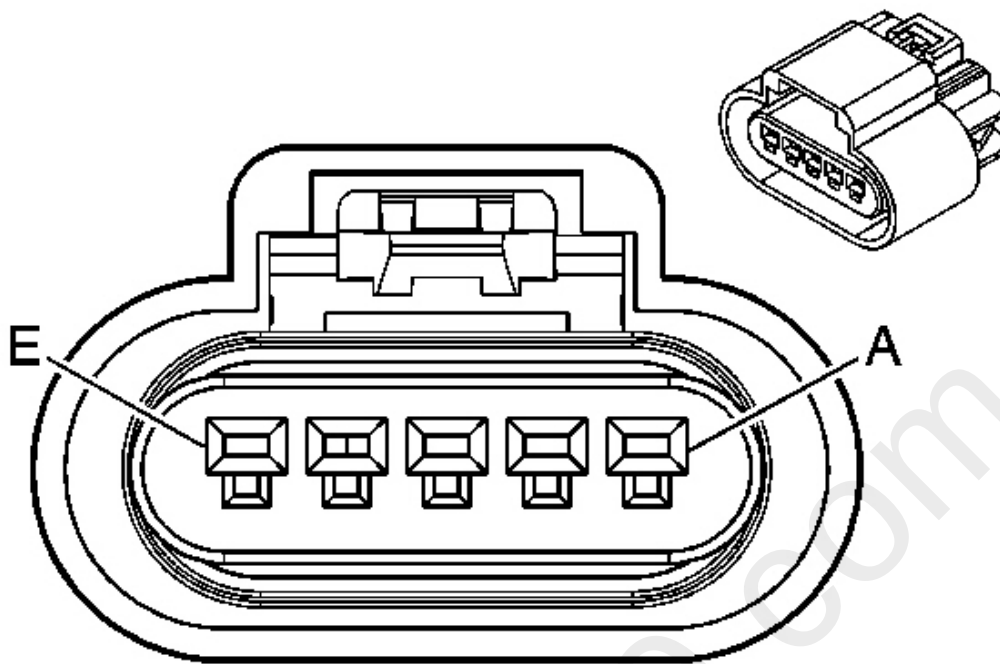


Fig. 19: B75B Mass Air Flow/Intake Air Temperature Sensor
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15326822
- Service Connector: 19151498
- Description: 5-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: 12191819/8
- Core/Insulation Crimp: E/A

B75B Mass Air Flow/Intake Air Temperature Sensor

Pin	Wire	Circuit	Function
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A	0.5 YE	492	MAF Sensor Signal
B	0.5 BK/WH	451	Ground
C	0.5 PK/BK	5293	Ignition Voltage
D	0.5 TN	2760	Low Reference
E	0.5 L-BU	6289	Intake Air Temperature Sensor Signal

B77F RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - FRONT (VQN)

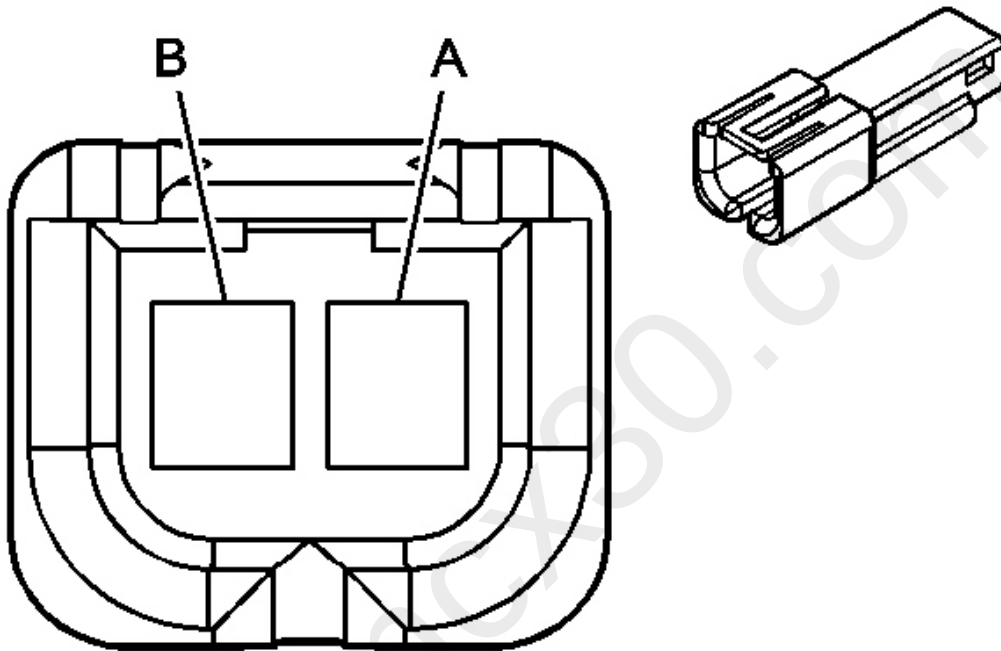


Fig. 20: B77F Radio Volume Compensator Interior Noise Microphone - Front (VQN)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 12059254
- Service Connector: 12126020
- Description: 2-Way M Metri-Pack 150 Series (GN)

Terminal Part Information

- Terminated Lead: Pending

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

B77F Radio Volume Compensator Interior Noise Microphone - Front (VQN)

Pin	Wire	Circuit	Function
A	0.5 PK/BK	3010	Noise Reduction Microphone #3 Return
B	0.5 PK	3007	Noise Reduction Microphone #3 Signal

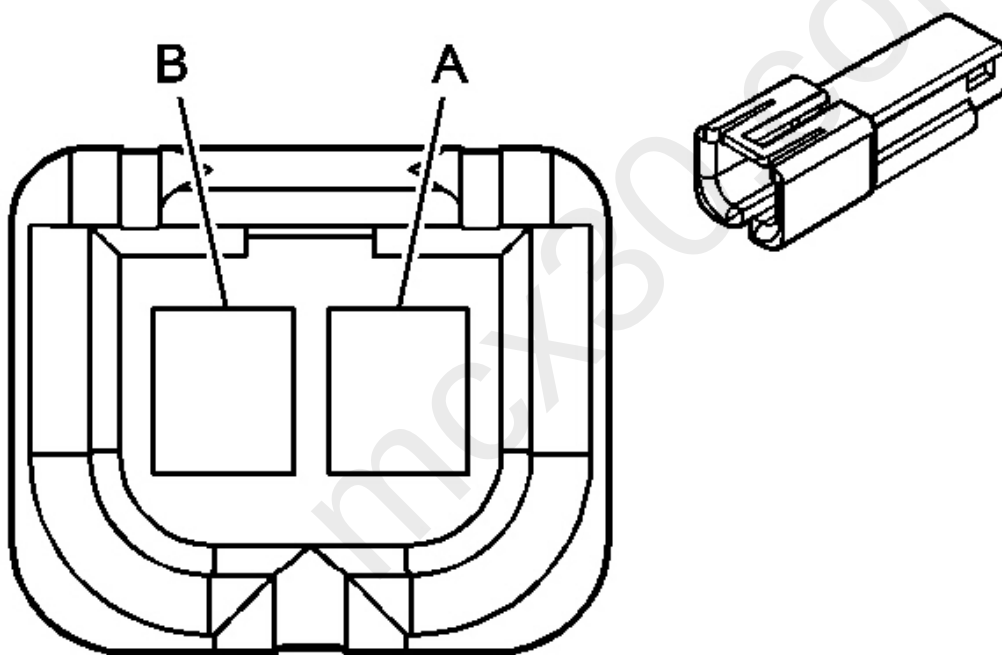
B77R RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - REAR (VQN)

Fig. 21: B77R Radio Volume Compensator Interior Noise Microphone - Rear (VQN)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 12059254

- Service Connector: 12126020
- Description: 2-Way M Metri-Pack 150 Series (GN)

Terminal Part Information

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

B77R Radio Volume Compensator Interior Noise Microphone - Rear (VQN)

Pin	Wire	Circuit	Function
A	0.5 L-BU/BK	3009	Noise Reduction Microphone #2 Return
B	0.5 L-BU	3006	Noise Reduction Microphone #2 Signal

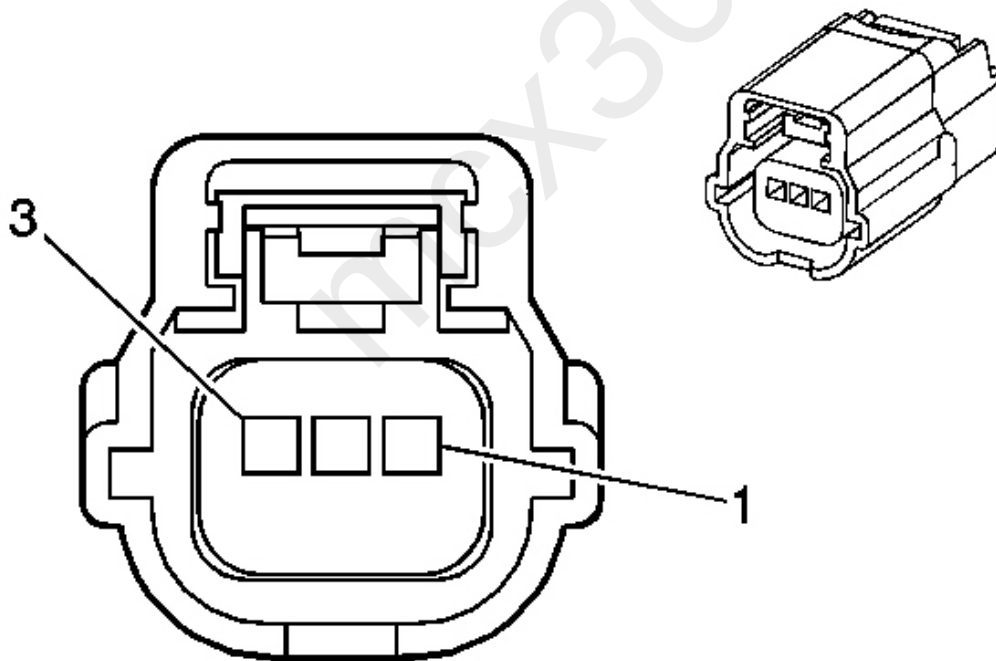
B78E REAR OBJECT SENSOR - LEFT MIDDLE (UD7)

Fig. 22: B78E Rear Object Sensor - Left Middle (UD7)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Rear Bumper
- OEM Connector: 31403-3710
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: J-38125-213
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33468-0001/23
- Core/Insulation Crimp: H/H

B78E Rear Object Sensor - Left Middle (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 OG	2376	Left Rear Middle Object Sensor Signal

B78F REAR OBJECT SENSOR - RIGHT MIDDLE (UD7)

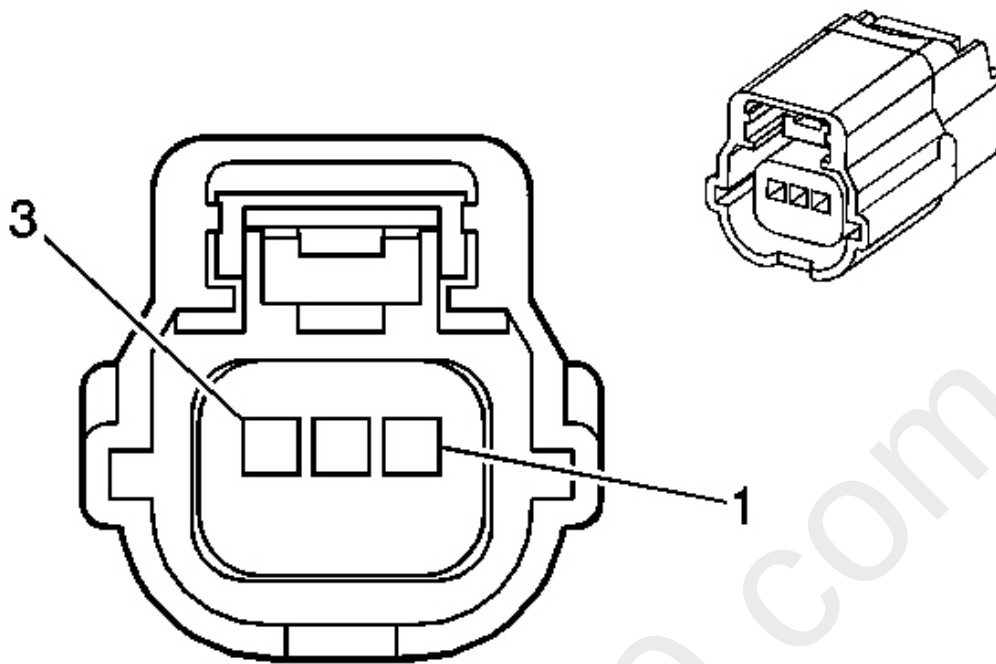


Fig. 23: B78F Rear Object Sensor - Right Middle (UD7)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Rear Bumper
- OEM Connector: 31403-3710
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: J-38125-213
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33468-0001/23
- Core/Insulation Crimp: H/H

B78F Rear Object Sensor - Right Middle (UD7)

Pin	Wire	Circuit	Function
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1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 D-GN	2377	Right Rear Middle Object Sensor Signal

B78G REAR OBJECT SENSOR - LEFT OUTER (UD7)

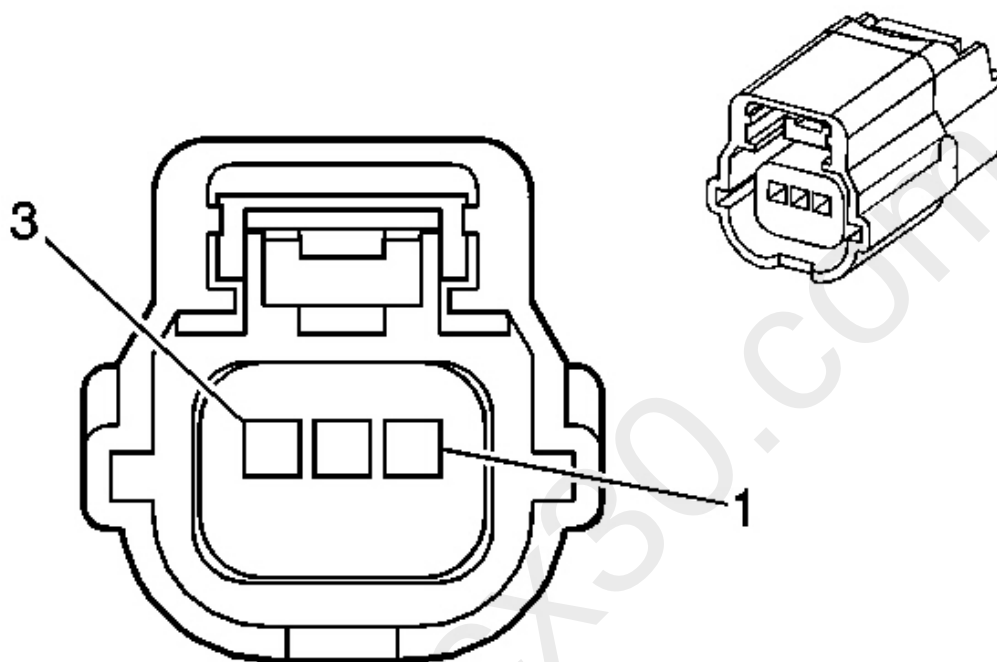


Fig. 24: B78G Rear Object Sensor - Left Outer (UD7)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Rear Bumper
- OEM Connector: 31403-3710
- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: J-38125-213

- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33468-0001/23
- Core/Insulation Crimp: H/H

B78G Rear Object Sensor - Left Outer (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 YE	2375	Left Rear Corner Object Sensor Signal

B78H REAR OBJECT SENSOR - RIGHT OUTER (UD7)

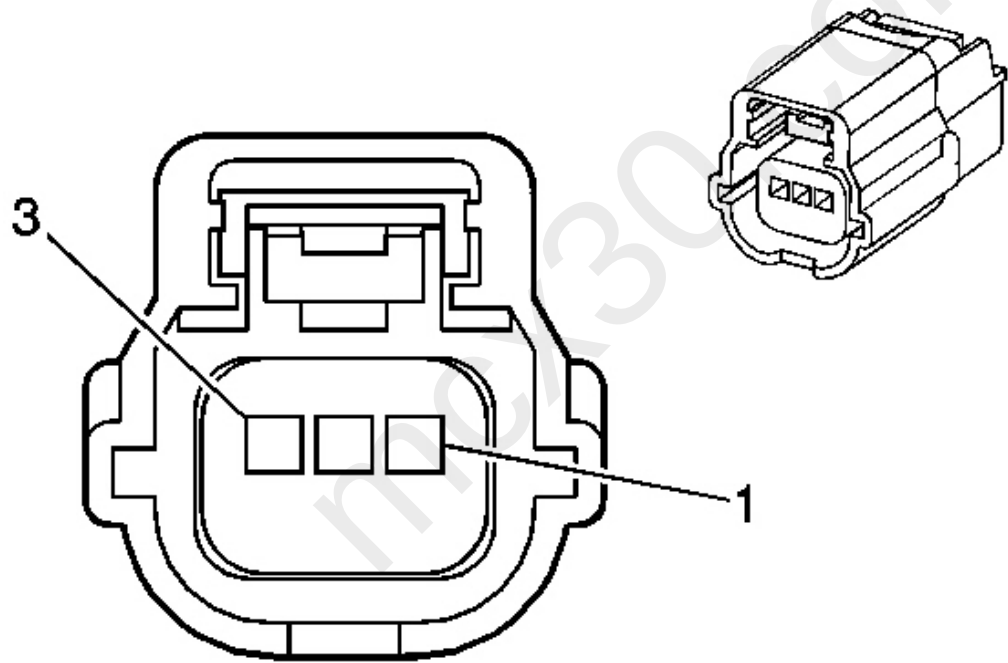


Fig. 25: B78H Rear Object Sensor - Right Outer (UD7)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Rear Bumper
- OEM Connector: 31403-3710

- Service Connector: 88988337
- Description: 3-Way F 64 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: J-38125-213
- Diagnostic Test Probe: J-35616-64B (L-BU)
- Terminal/Tray: 33468-0001/23
- Core/Insulation Crimp: H/H

B78H Rear Object Sensor - Right Outer (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Object Sensor Low Reference
3	0.35 PU	2378	Right Rear Corner Object Sensor Signal

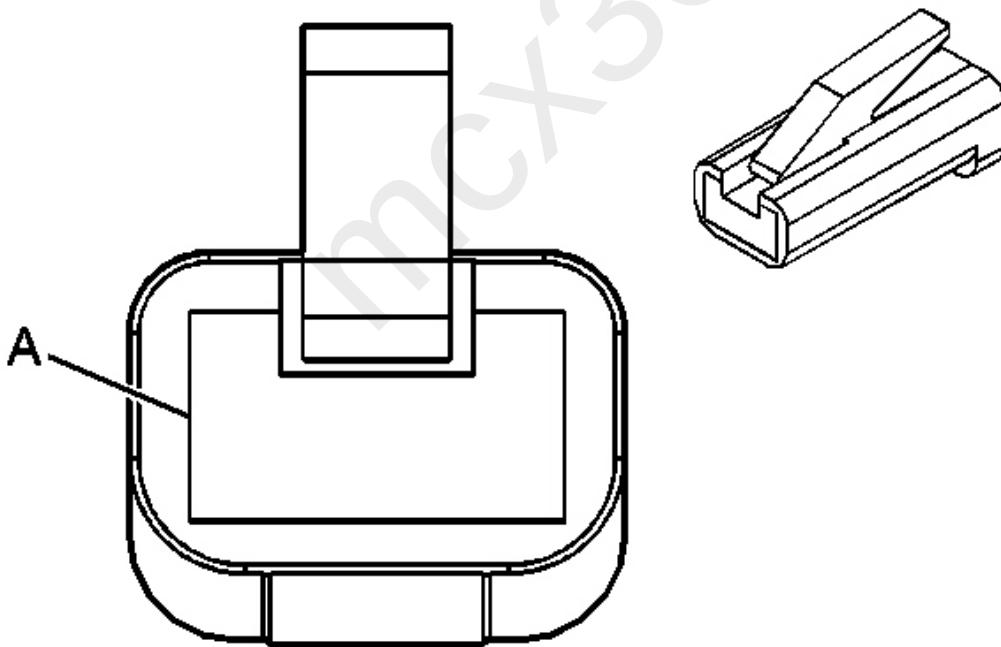
B80 PARK BRAKE SWITCH

Fig. 26: B80 Park Brake Switch

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 12004267
- Service Connector: 12102561
- Description: 1-Way F 56 Series Lock Type (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12094430
- Diagnostic Test Probe: J-35616-42 (RD)
- Terminal/Tray: 12124515/1
- Core/Insulation Crimp: C/D

B80 Park Brake Switch

Pin	Wire	Circuit	Function
A	0.5 L-BU	1134	Park Brake Switch Signal

B87 REARVIEW CAMERA (UVC)

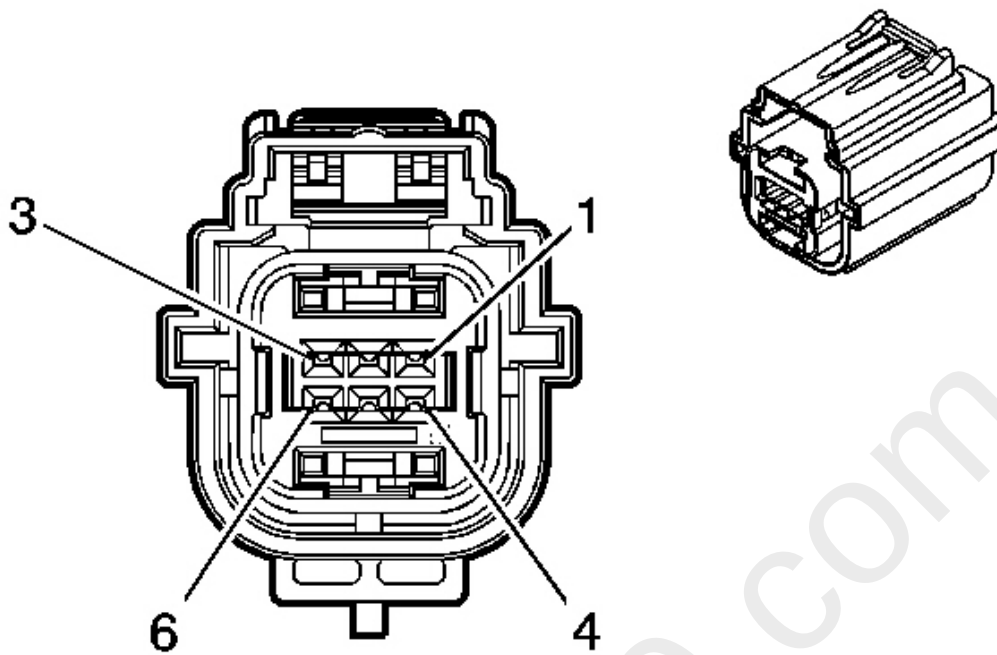


Fig. 27: B87 Rearview Camera (UVC)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: License Lamp
- OEM Connector: 1924211-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series Sealed (NA)

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

B87 Rearview Camera (UVC)

Pin	Wire	Circuit	Function

1	0.35 PK	6972	Camera Signal +
2	0.35 BARE	6974	Drain Wire
3	0.35 L-GN	24	Backup Lamp Supply Voltage
4	0.35 L-BU	6973	Camera Signal - (Early Production)
	0.35 PK/BK	6973	Camera Signal - (Late Production)
5	0.35 BK/WH	1651	Ground
6	0.35 PK	1339	Ignition Voltage

B88D SEAT BELT SWITCH - DRIVER

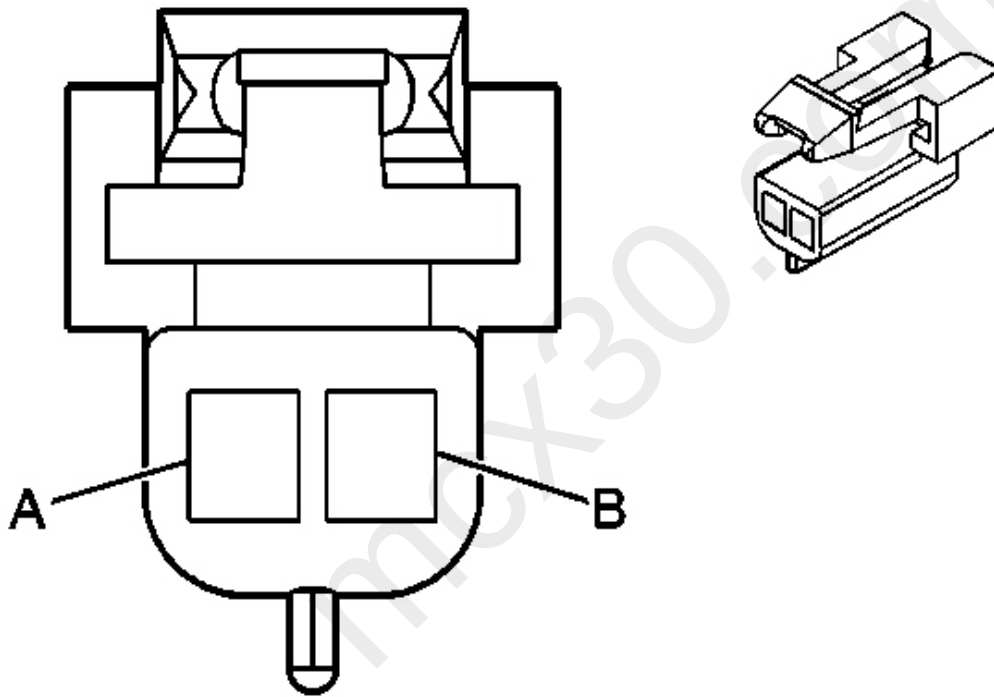


Fig. 28: B88D Seat Belt Switch - Driver
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Seat Cushion
- OEM Connector: 12052832
- Service Connector: 12101825

- 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

B88D Seat Belt Switch - Driver

Pin	Wire	Circuit	Function
A	0.35 TN/WH	238	Seat Belt Switch - Left
B	0.35 D-BU	1363	Seat Belt Switch - Left - Low Reference

B88P SEAT BELT SWITCH - PASSENGER

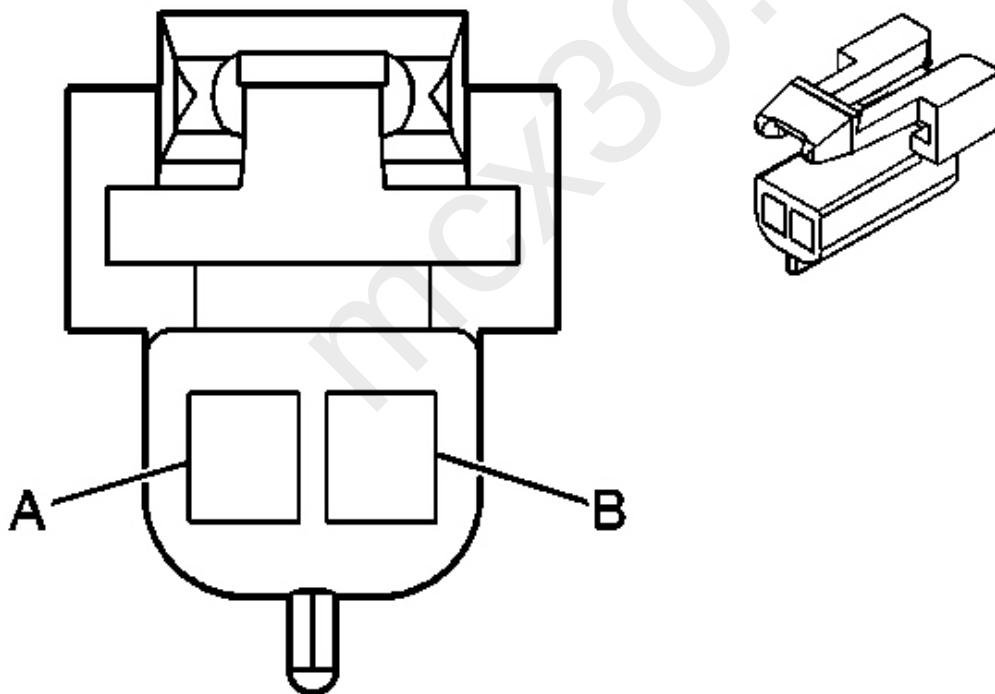


Fig. 29: B88P Seat Belt Switch - Passenger
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Seat Cushion
- OEM Connector: 12052832
- Service Connector: 12101825
- 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

B88P Seat Belt Switch - Passenger

Pin	Wire	Circuit	Function
A	0.35 OG	1362	Seat Belt Switch - Right - Signal
B	0.35 L-BU	1361	Seat Belt Switch - Right - Low Reference

B99 STEERING WHEEL ANGLE SENSOR

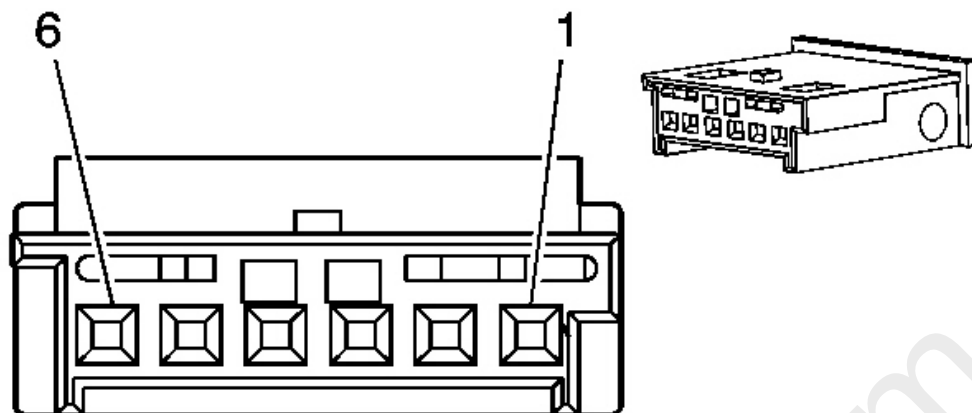


Fig. 30: B99 Steering Wheel Angle Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 1-1241370-3
- Service Connector: 13505903
- Description: 6-Way F MQS 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

B99 Steering Wheel Angle Sensor

Pin	Wire	Circuit	Function
1	0.35 L-BU	6106	High Speed GMLAN Serial Data -

2	0.35 L-BU	6106	High Speed GMLAN Serial Data -
3	0.35 D-BU	6105	High Speed GMLAN Serial Data +
4	0.35 D-BU	6105	High Speed GMLAN Serial Data +
5	0.35 D-GN	2087	Steering Wheel Position Sensor 5V Reference
6	0.35 BK/WH	651	Ground

B101 IMMOBILIZER ANTENNA

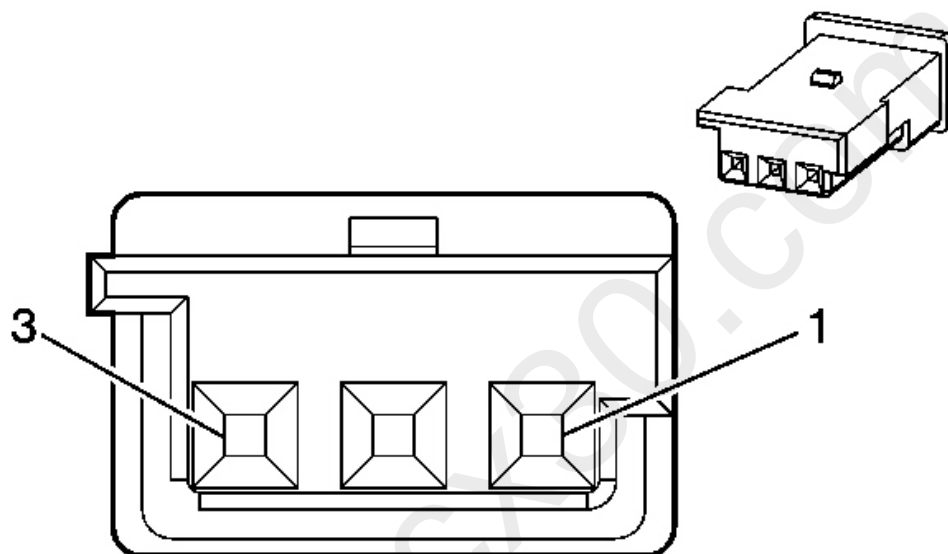


Fig. 31: B101 Immobilizer Antenna

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 4-1718346-1
- Service Connector: 13316117
- Description: 3-Way F Micro Quadlok Series (PU)

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

B101 Immobilizer Antenna

Pin	Wire	Circuit	Function
1	0.35 D-GN/WH	3277	Immobilizer Ground
2	0.35 L-BU	7533	Local Interconnect Network 11
3	0.35 PK/BK	3276	Theft Deterrent Module Power

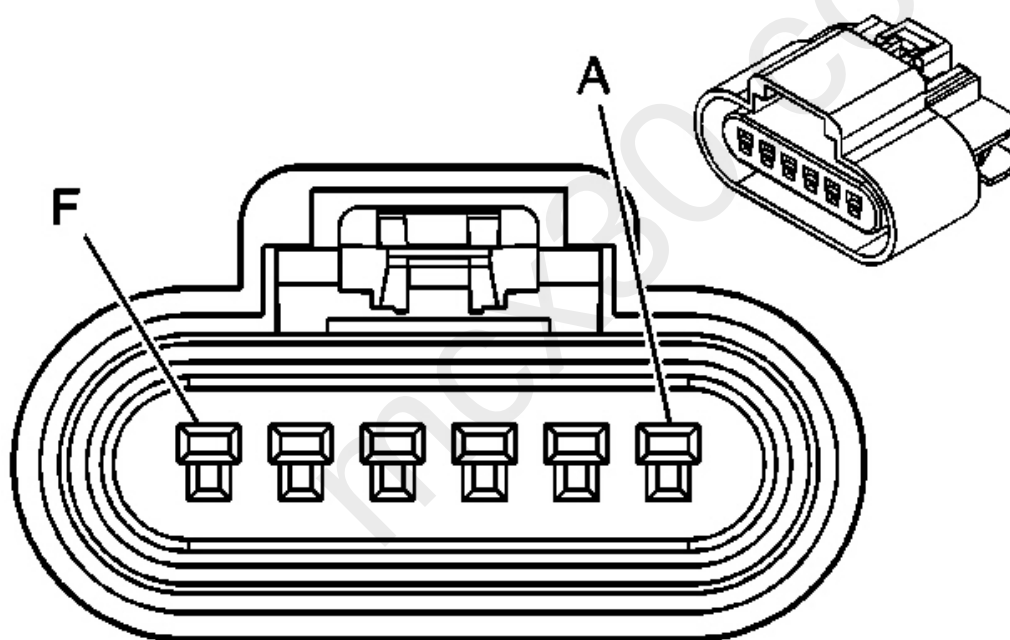
B107 ACCELERATOR PEDAL POSITION SENSOR

Fig. 32: B107 Accelerator Pedal Position Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 15326829

- Service Connector: 88988944
- 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: 12191819/8
- Core/Insulation Crimp: E/A

B107 Accelerator Pedal Position Sensor

Pin	Wire	Circuit	Function
A	0.35 PU	1272	Low Reference
B	0.35 L-BU	1162	APP Sensor 2 Signal
C	0.35 TN	1274	5-Volt 3 Reference
D	0.35 BN	1271	Low Reference
E	0.35 D-BU	1161	APP Sensor 1 Signal
F	0.35 WH/BK	1164	5-Volt 4 Reference

B119 MULTI-AXIS ACCELERATION SENSOR

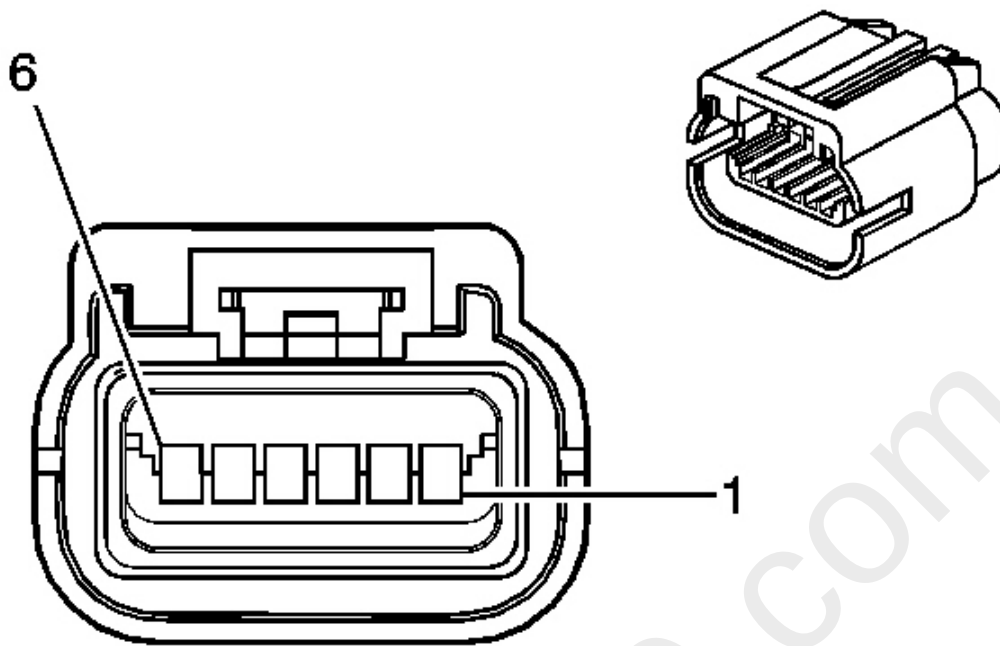


Fig. 33: B119 Multi-axis Acceleration Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 6189-7011
- Service Connector: 19179377
- Description: 6-Way F 64 Series, Sealed (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

B119 Multi-axis Acceleration Sensor

Pin	Wire	Circuit	Function

1	0.35 L-BU	6106	High Speed GMLAN Serial Data -
2-3	-	-	Not Used
4	0.35 D-BU	6105	High Speed GMLAN Serial Data +
5	0.35 D-GN	2087	Steering Wheel Position Sensor 5V Reference
6	0.35 BK/WH	1651	Ground

B150 FUEL TANK PRESSURE SENSOR

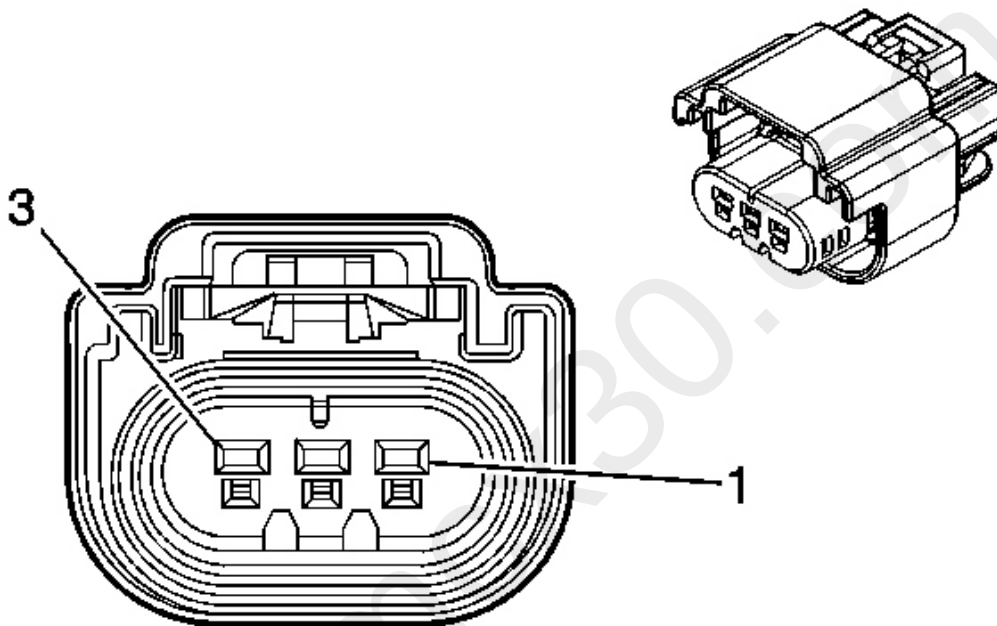


Fig. 34: B150 Fuel Tank Pressure Sensor
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Tank
- OEM Connector: 88988720
- Service Connector: 19149288
- Description: 3-Way F GT 150 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: 13575479

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

B150 Fuel Tank Pressure Sensor

Pin	Wire	Circuit	Function
1	0.35 D-GN	890	Fuel Tank Pressure Sensor Signal
2	0.35 BN/WH	6281	Sensor Low Reference
3	0.35 GY	2709	5-Volt 1 Reference

C1 BATTERY -**Terminal Part Information**

- Terminal: 12162100
- Core/Insulation Crimp: N/A
- Description: Battery Terminal

C1 Battery -

Pin	Wire	Circuit	Function
-	0.8 BK	50	Ground

C1 BATTERY -**Terminal Part Information**

- Terminal: RS916RHM6TDF
- Core/Insulation Crimp: N/A
- Description: Battery Terminal

C1 Battery -

Pin	Wire	Circuit	Function
-	19 BK	150	Ground
	32 BK	50	Ground

C1 BATTERY +**Terminal Part Information**

- Terminal: RS915
- Core/Insulation Crimp: N/A

- Description: Battery Terminal

C1 Battery +

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

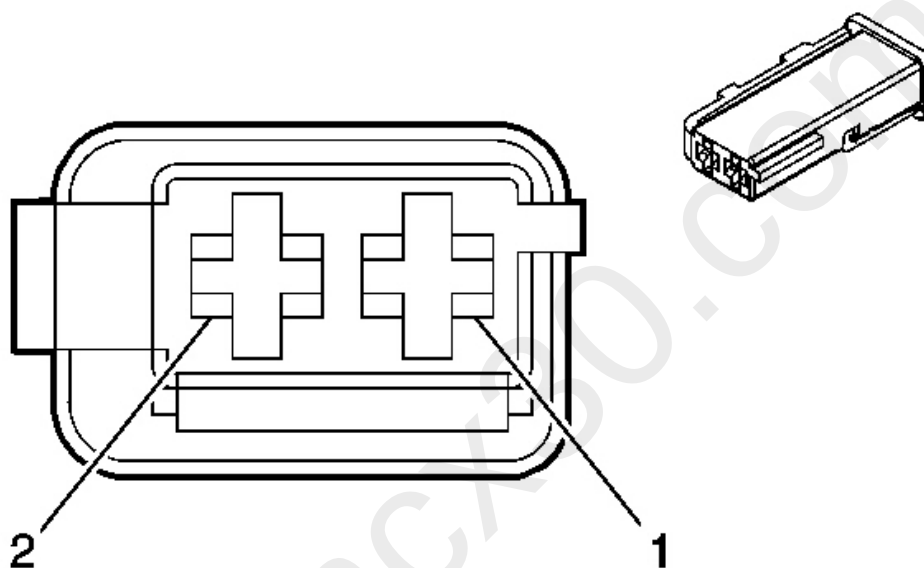
E1C ACCENT LAMP - DRIVER DOOR HANDLE (TSQ)

Fig. 35: E1C Accent Lamp - Driver Door Handle (TSQ)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door Trim
- OEM: 0-1563189-1
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

- Terminated Lead: 13575855
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C

E1C Accent Lamp - Driver Door Handle (TSQ)

Pin	Wire	Circuit	Function
1	0.35 PK	7557	Lamp Illumination
2	0.35 BK	750	Ground

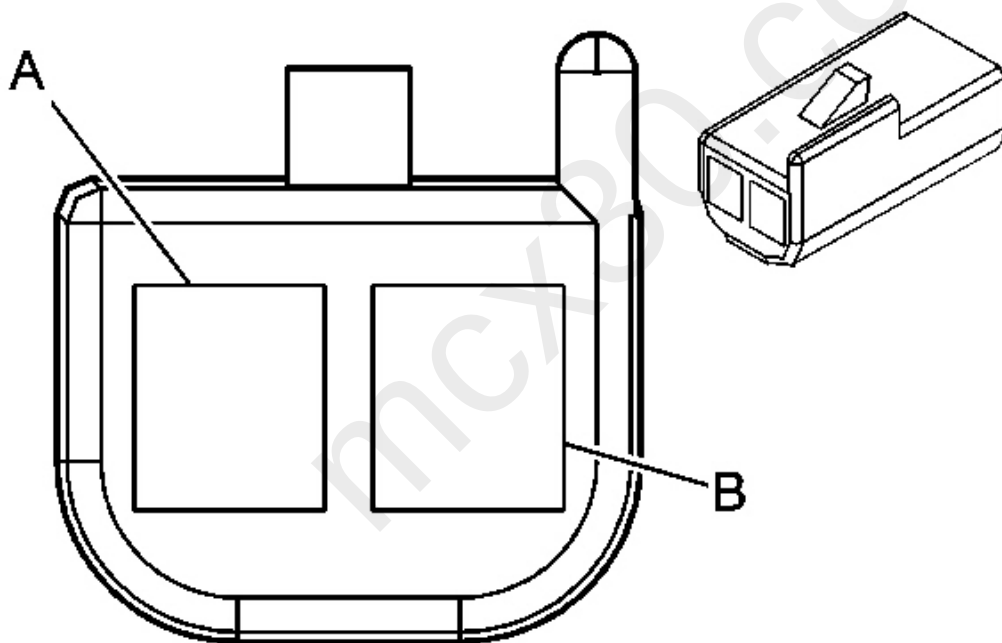
E1D ACCENT LAMP - DRIVER DOOR (TSQ)

Fig. 36: E1D Accent Lamp - Driver Door (TSQ)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door Trim

- OEM: 12047662
- Service: 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

E1D Accent Lamp - Driver Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 PK	7557	Lamp Illumination
B	0.35 BK	750	Ground

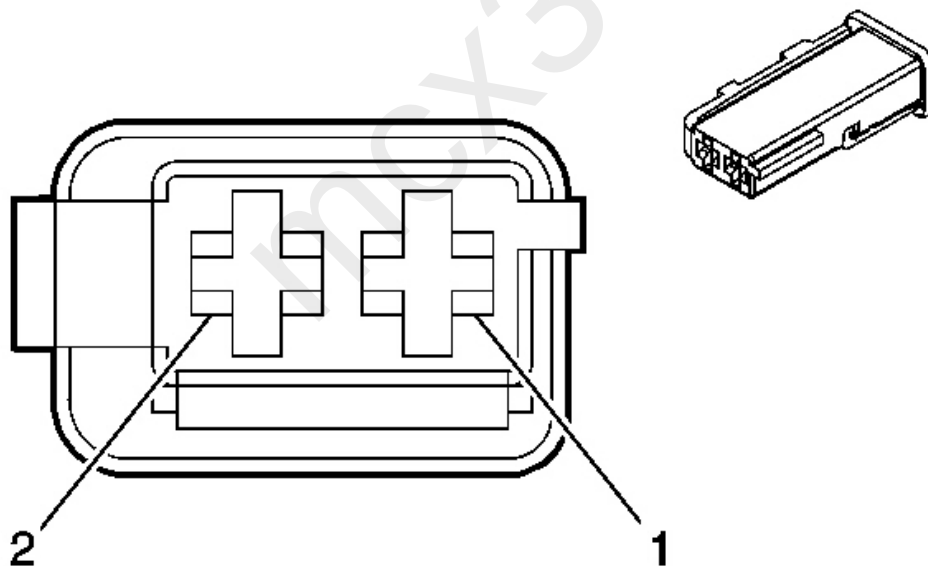
E1J ACCENT LAMP - LEFT LOWER INSTRUMENT PANEL

Fig. 37: E1J Accent Lamp - Left Lower Instrument Panel
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: CD Slot
- OEM Connector: 1563189-1
- Service Connector: Pending
- Description: 2-Way F (BK)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 1563189-1
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 1563189-1
- Core/Insulation Crimp: Not Available

E1J Accent Lamp - Left Lower Instrument Panel

Pin	Wire	Circuit	Function
1	0.35 PU	7558	Accent Lamps Control
2	0.35 BK	1550	Ground

E1K ACCENT LAMP - RIGHT LOWER INSTRUMENT PANEL

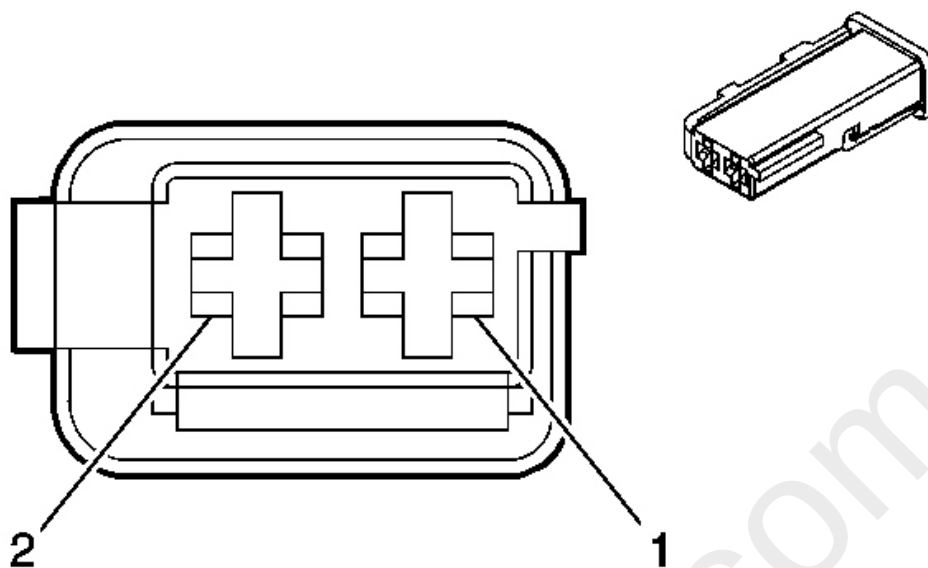


Fig. 38: E1K Accent Lamp - Right Lower Instrument Panel
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: CD Slot
- OEM Connector: 1563189-1
- Service Connector: Pending
- Description: 2-Way F (BK)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 1563189-1
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 1563189-1
- Core/Insulation Crimp: Not Available

E1K Accent Lamp - Right Lower Instrument Panel

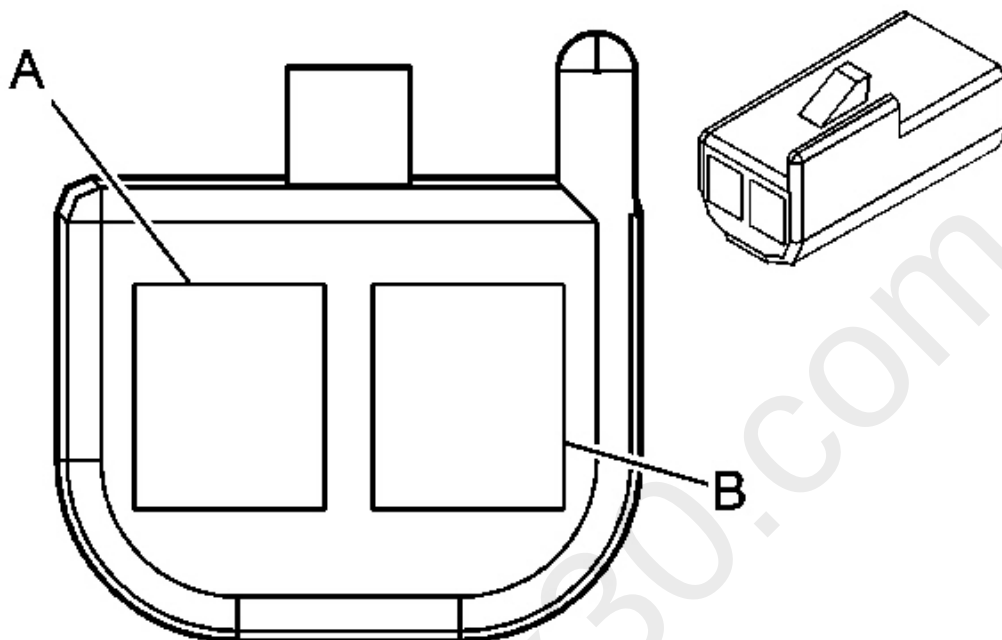
Pin	Wire	Circuit	Function
1	0.35 PU	7558	Accent Lamps Control

2

0.35 BK

1550

Ground

E1L ACCENT LAMP - OVERHEAD CONSOLE (TSQ)**Fig. 39: E1L Accent Lamp - Overhead Console (TSQ)****Courtesy of GENERAL MOTORS CORP.****Connector Part Information**

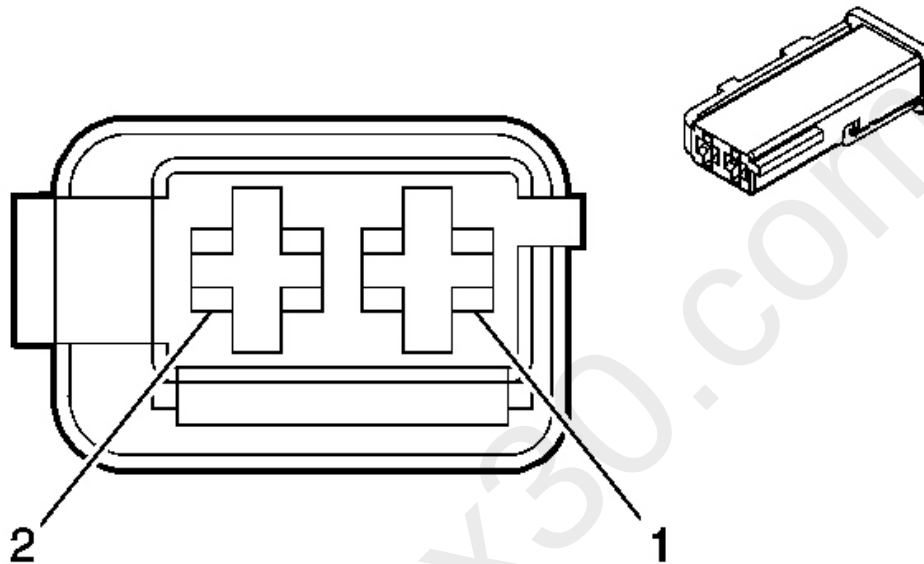
- Harness: Overhead Console
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

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

E1L Accent Lamp - Overhead Console (TSQ)

Pin	Wire	Circuit	Function
A	0.35 BK	750	Ground
B	0.35 PK	7557	Lamp Illumination

E1M ACCENT LAMP - PASSENGER DOOR HANDLE (TSQ)**Fig. 40: E1M Accent Lamp - Passenger Door Handle (TSQ)**

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door Trim
- OEM: 0-1563189-1
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

- Terminated Lead: 13575855
- Release Tool: 15315247

- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C

E1M Accent Lamp - Passenger Door Handle (TSQ)

Pin	Wire	Circuit	Function
1	0.35 PK	7557	Lamp Illumination
2	0.35 BK	750	Ground

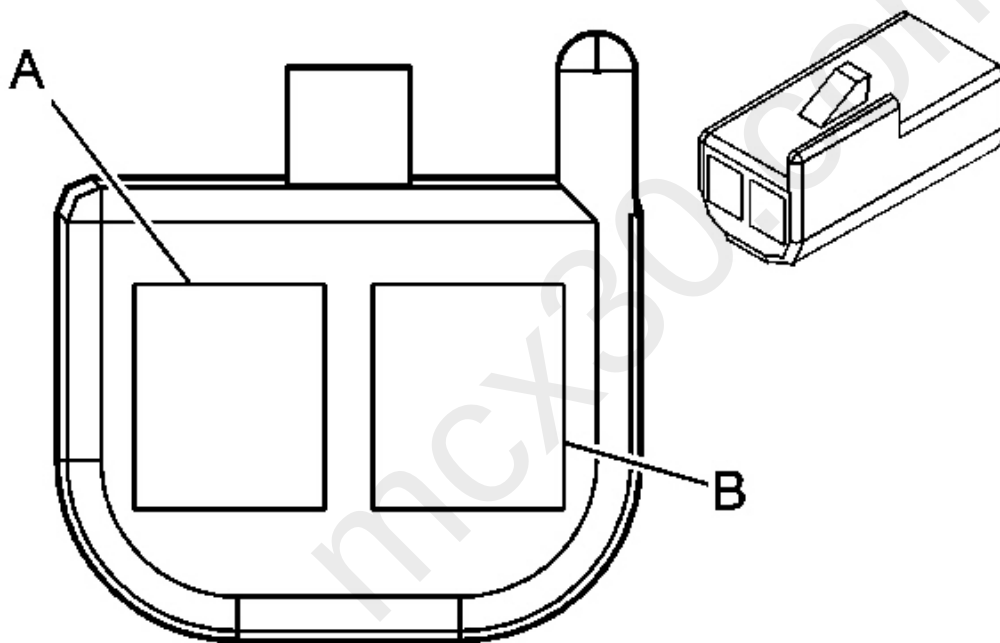
E1P ACCENT LAMP - PASSENGER DOOR (TSQ)

Fig. 41: E1P Accent Lamp - Passenger Door (TSQ)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door Trim
- 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

E1P Accent Lamp - Passenger Door (TSQ)

Pin	Wire	Circuit	Function
A	0.35 PK	7557	Lamp Illumination
B	0.35 BK	750	Ground

E1S ACCENT LAMP - CONSOLE CUPHOLDER RIGHT

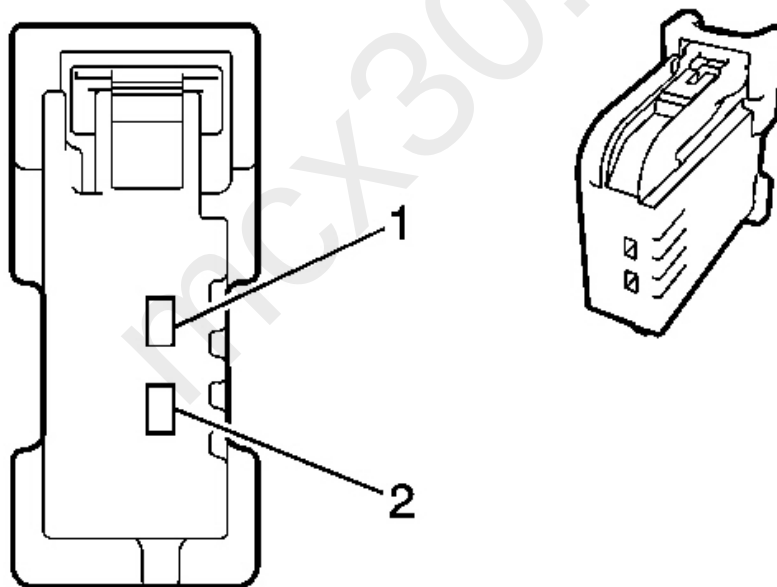


Fig. 42: E1S Accent Lamp - Console Cupholder Right
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Console
- OEM: 19115613
- Service: 19179373
- Description: 2-Way F 1.5/0.64 Series (BK)

Terminal Part Information

- Terminated Lead: 13575855
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C

E1S Accent Lamp - Console Cupholder Right

Pin	Wire	Circuit	Function
1	0.35 BK	1550	Ground
2	0.35 PU	7558	Accent Lamps Control

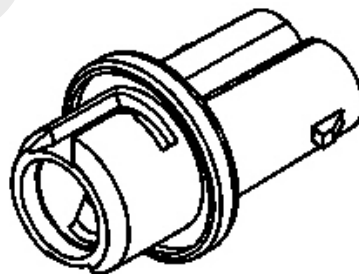
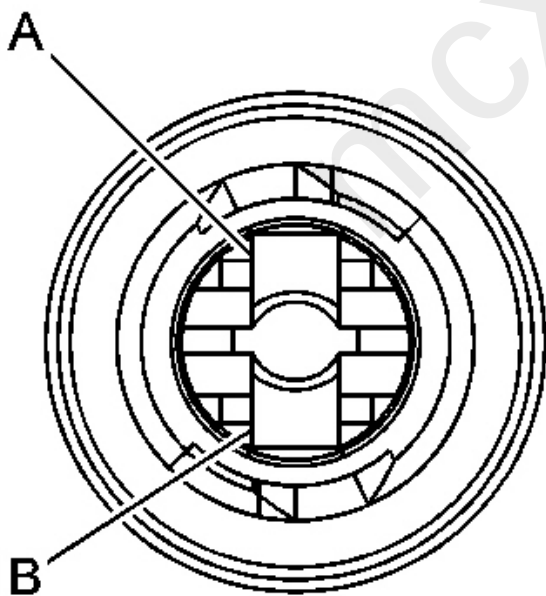
E2LF SIDE MARKER LAMP - LEFT FRONT

Fig. 43: E2LF Side Marker Lamp - Left Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Lamp Left Front
- OEM: 15317651
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F LP Socket WGE BSE W2 (GY)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 15317651
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 15317651
- Core/Insulation Crimp: Not Available

E2LF Side Marker Lamp - Left Front

Pin	Wire	Circuit	Function
A	0.5 BN	709	Left Front Turn Signal Lamp Supply Voltage
B	1 BK	1150	Ground

E2LR SIDE MARKER LAMP - LEFT REAR

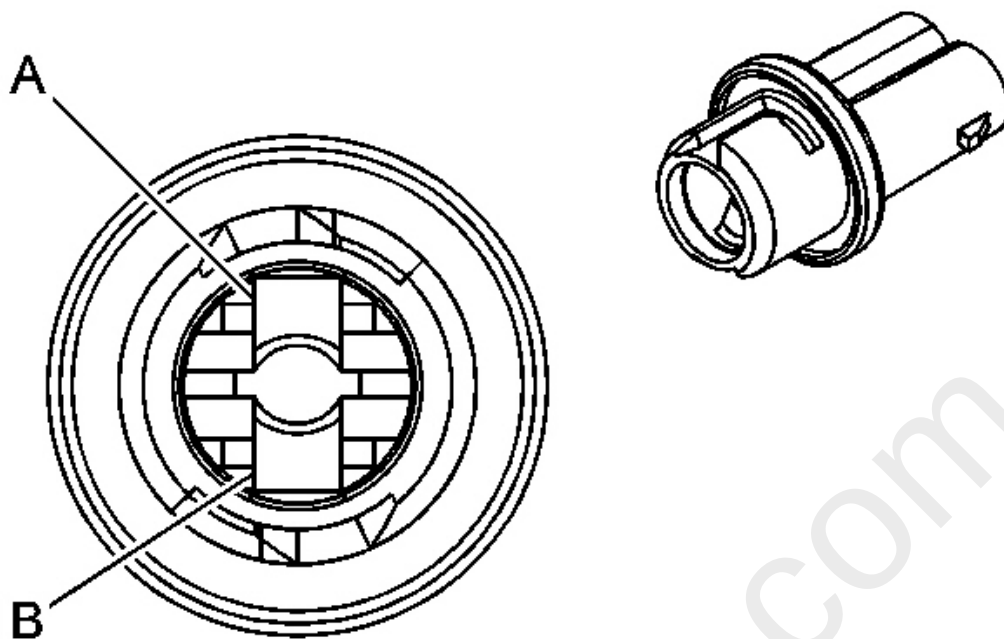


Fig. 44: E2LR Side Marker Lamp - Left Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Lamp Left Rear
- OEM: 15317651
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F LP Socket WGE BSE W2 (GY)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 15317651
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 15317651
- Core/Insulation Crimp: Not Available

E2LR Side Marker Lamp - Left Rear

Pin	Wire	Circuit	Function
A	0.5 RD	2509	Left Tail Lamp Supply Voltage

B

0.8 BK

2550

Ground

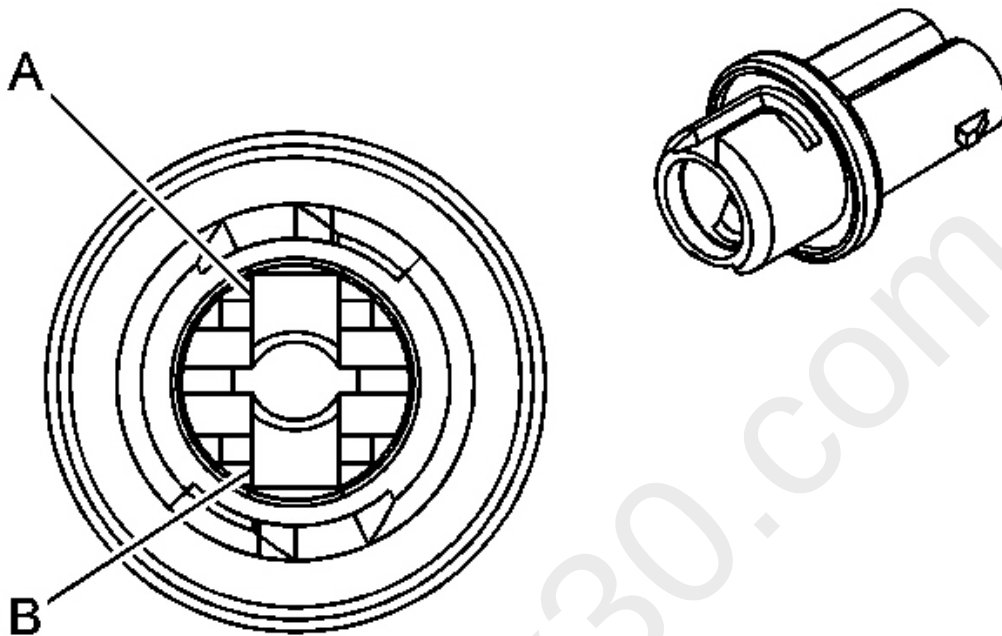
E2RF SIDE MARKER LAMP - RIGHT FRONT

Fig. 45: E2RF Side Marker Lamp - Right Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Lamp Right Front
- OEM: 15317651
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F LP Socket WGE BSE W2 (GY)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 15317651
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 15317651
- Core/Insulation Crimp: Not Available

E2RF Side Marker Lamp - Right Front

Pin	Wire	Circuit	Function
A	0.5 BN	309	Right Front Park Lamp Supply Voltage
B	1 BK	1050	Ground

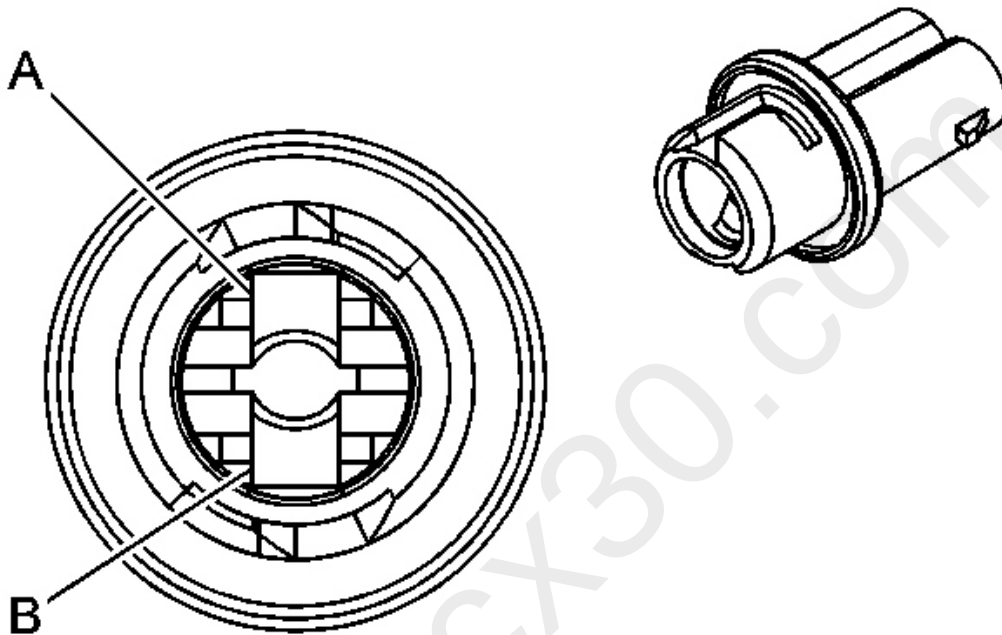
E2RR SIDE MARKER LAMP - RIGHT REAR

Fig. 46: E2RR Side Marker Lamp - Right Rear
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Lamp Right Rear
- OEM: 15317651
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F LP Socket WGE BSE W2 (GY)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 15317651
- Release Tool: Not Available

- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 15317651
- Core/Insulation Crimp: Not Available

E2RR Side Marker Lamp - Right Rear

Pin	Wire	Circuit	Function
A	0.5 RD	2609	Right Tail Lamp Supply Voltage
B	0.8 BK	550	Ground

E4E HEAD LAMP - LEFT HIGH BEAM

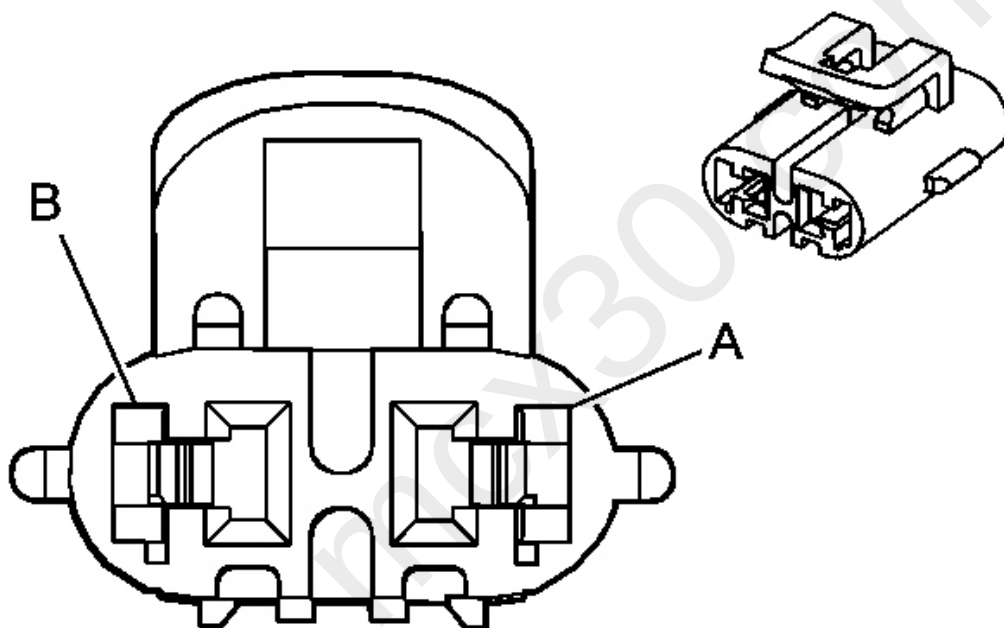


Fig. 47: E4E Head Lamp - Left High Beam
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Lamp Left Front
- OEM Connector: H9
- Service Connector: Service by Component Assembly - See Part Catalog
- Description: 2-Way F Bulb Connector (GY)

Terminal Part Information

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

E4E Head Lamp - Left High Beam

Pin	Wire	Circuit	Function
A	0.8 D-GN/WH	711	Left Headlamp High Beam Supply Voltage
B	0.8 BK	1150	Ground