

2010 ELECTRICAL

wiring systems and power management - component connector end views - A3 To B52B -
Equinox & Terrain

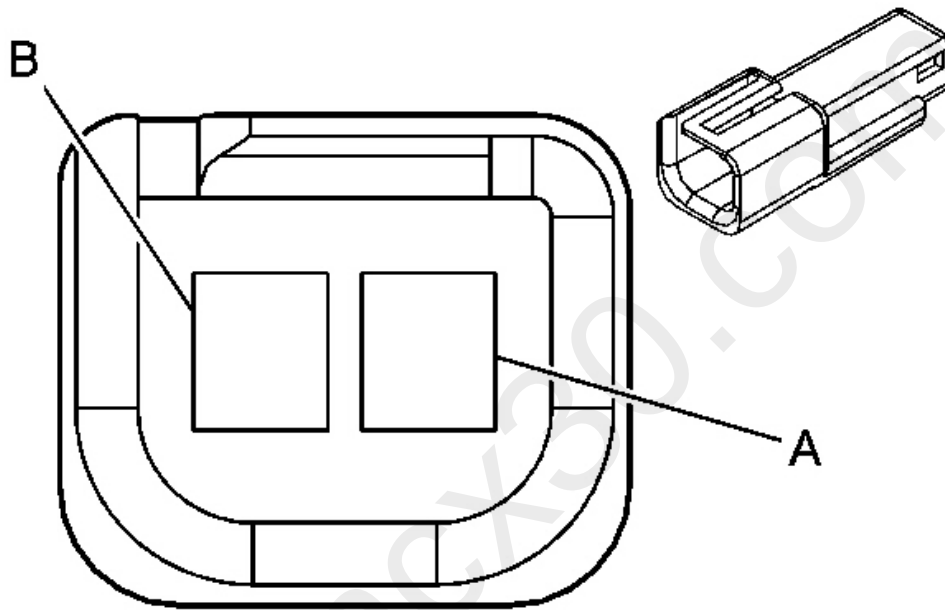
COMPONENT CONNECTOR END VIEWS - A3 TO B52B**A3L SUNSHADE - LEFT FRONT**

Fig. 1: A3L Sunshade - Left Front

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- 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

A3L Sunshade - Left Front

Pin	Wire	Circuit	Function
A	0.5 OG	6815	Inadvertent Power Supply Voltage
B	0.5 BK	550	Ground

A3R SUNSHADE - RIGHT FRONT

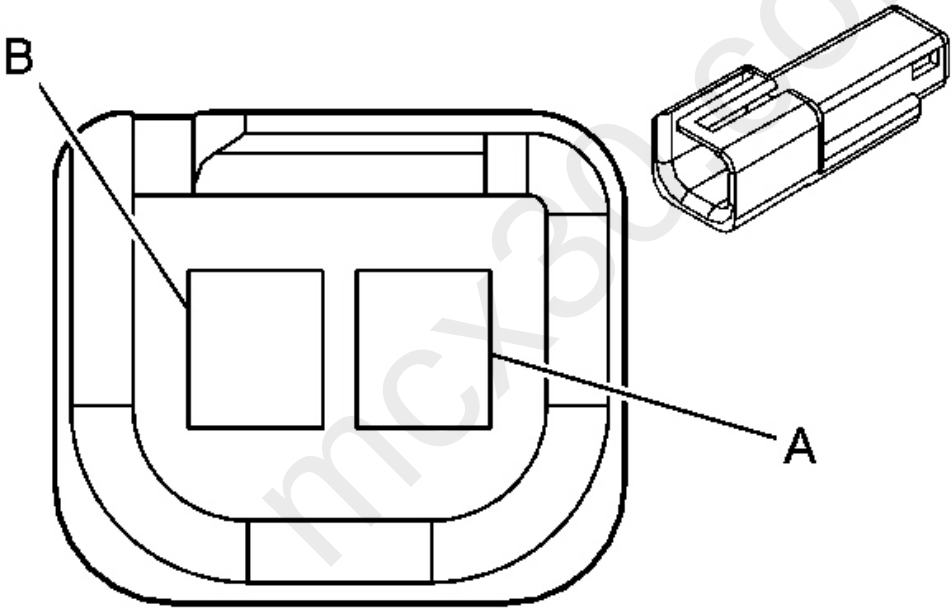


Fig. 2: A3R Sunshade - Right Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- 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

A3R Sunshade - Right Front

Pin	Wire	Circuit	Function
A	0.5 OG	6815	Inadvertent Power Supply Voltage
B	0.5 BK	550	Ground

A6C FUEL PUMP AND LEVEL SENSOR ASSEMBLY - PRIMARY

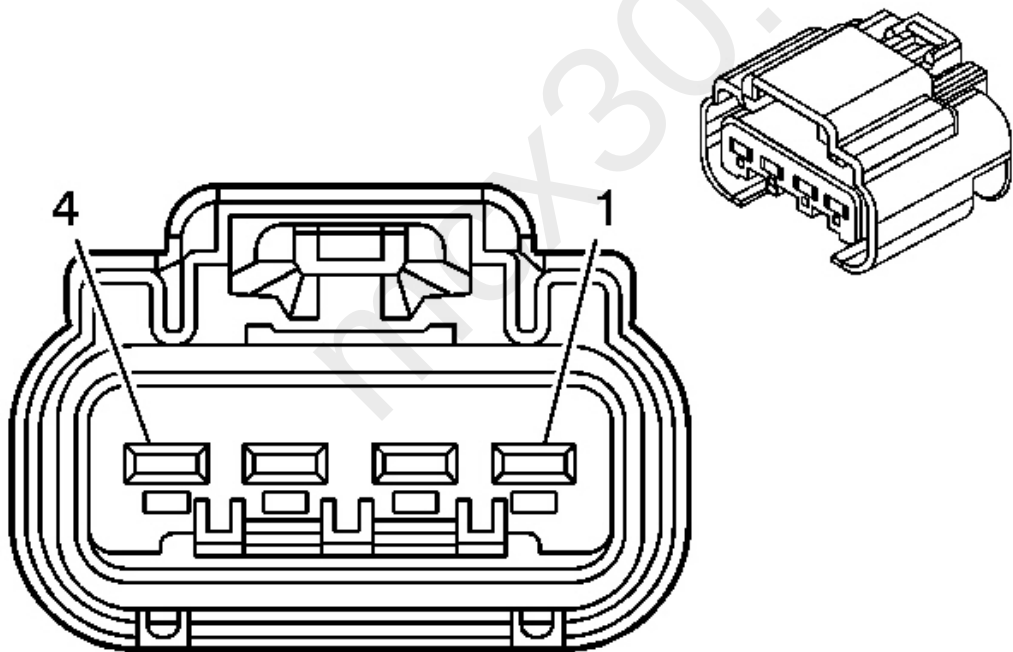


Fig. 3: A6C Fuel Pump and Level Sensor Assembly - Primary
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Tank
- OEM Connector: 88988992
- Service Connector: 19178173
- Description: 4-Way F GT 280 Series, Sealed (NA)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 88988992
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 88988992
- Core/Insulation Crimp: Not Available

A6C Fuel Pump and Level Sensor Assembly - Primary

Pin	Wire	Circuit	Function
1	2 GY	120	Fuel Pump Supply Voltage
2	2 PK	1580	Fuel Pump Motor Low Reference
3	0.35 BN/WH	6281	Sensor Low Reference
4	0.35 D-BU	1936	Primary Fuel Level Sensor Signal

A9A OUTSIDE REARVIEW MIRROR - DRIVER

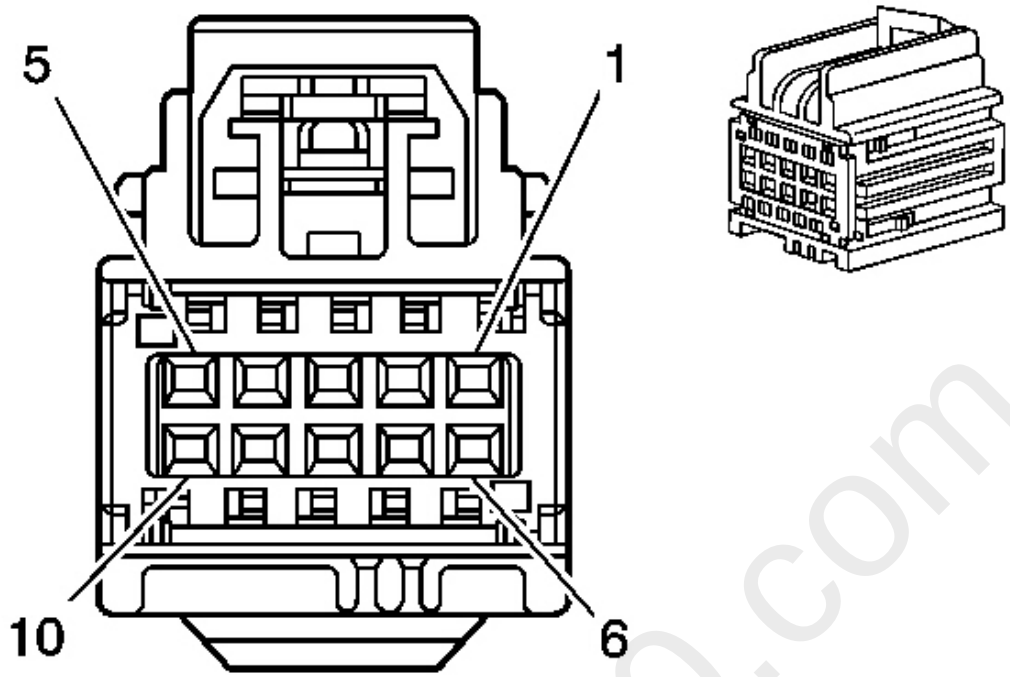


Fig. 4: A9A Outside Rearview Mirror - Driver
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door
- OEM: 15127042
- Service: 15127042
- Description: 10-Way F 0.64 YESC Kaizen Series (BK)

Terminal Part Information

- Terminated Lead: 15375826
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-65B (L-BU)
- Terminal/Tray: 7114-4618-02/27
- Core/Insulation Crimp: P/P

A9A Outside Rearview Mirror - Driver

Pin	Wire	Circuit	Function
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1	0.35 OG	2267	Mirror Heating Element Supply Voltage (DL8)
2	-	-	Not Used
3	0.5 D-GN/WH	6159	Left Mirror Horizontal Position Control (LTZ or SLT)
	0.5 D-GN/WH	3389	Outside Rearview Mirror Left/Right Control (without LTZ or SLT)
4	0.5 WH	7197	Outside Right Mirror Drive Motor Common (LTZ or SLT)
	0.5 TN	3391	Outside Rearview Mirror Control Switch Common (without LTZ or SLT)
5	0.5 D-BU/WH	6160	Left Mirror Horizontal Position Control (LTZ or SLT)
	0.5 BK	3390	Outside Rearview Mirror Up/Down Control (without LTZ or SLT)
6	0.5 BN	673	Low Reference (LTZ or SLT)
7	0.5 GY	786	Driver Mirror Horizontal Position Sensor Signal (LTZ or SLT)
8	0.5 D-GN	784	Driver Mirror Vertical Position Sensor Signal (LTZ or SLT)
9	0.5 D-BU	672	5-Volt Reference (LTZ or SLT)
10	0.5 BK	750	Ground (DL8)

A9B OUTSIDE REARVIEW MIRROR - PASSENGER

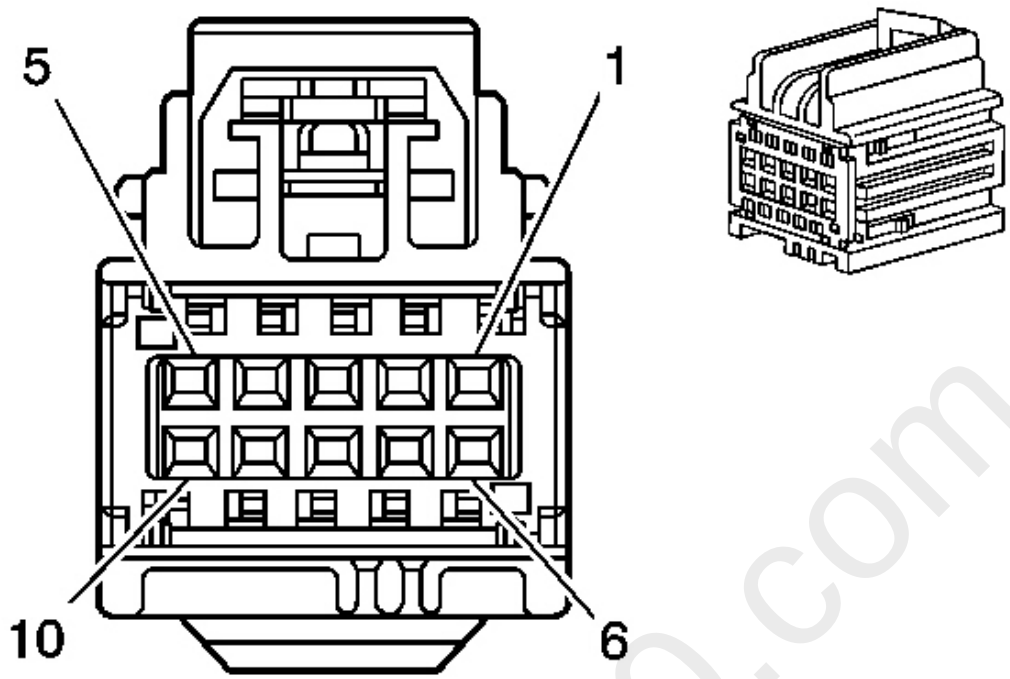


Fig. 5: A9B Outside Rearview Mirror - Passenger
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door
- OEM: 15127042
- Service: 15127042
- Description: 10-Way F 0.64 YESC Kaizen Series (BK)

Terminal Part Information

- Terminated Lead: 15375826
- Release Tool: J-38125-215A
- Diagnostic Test Probe: J-35616-65B (L-BU)
- Terminal/Tray: 7114-4618-02/27
- Core/Insulation Crimp: P/P

A9B Outside Rearview Mirror - Passenger

Pin	Wire	Circuit	Function
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1	0.35 OG	2267	Mirror Heating Element Supply Voltage (DL8)
2	-	-	Not Used
3	0.5 GY/BK	3396	Outside Rearview Mirror Left/Right Control (without LTZ or SLT)
	0.5 GY/BK	6161	Outside Right Mirror Horizontal Position Control (LTZ or SLT)
4	0.5 WH	3398	Outside Rearview Mirror Control Switch Common (without LTZ or SLT)
	0.5 WH	7196	Outside Right Mirror Drive Motor Common (LTZ or SLT)
5	0.5 OG/BK	3397	Outside Rearview Mirror Up/Down Control (without LTZ or SLT)
	0.5 OG/BK	6162	Outside Right Mirror Horizontal Position Control (LTZ or SLT)
6	0.5 L-GN	675	Low Reference (LTZ or SLT)
7	0.5 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal (LTZ or SLT)
8	0.5 BN	787	Passenger Mirror Vertical Position Sensor Signal (LTZ or SLT)
9	0.5 YE	674	5-Volt Reference (LTZ or SLT)
10	0.5 BK	750	Ground (DL8)

A10 INSIDE REARVIEW MIRROR (UVC WITH UYS OR PCJ OR WITHOUT UVC OR UYS OR PCJ)

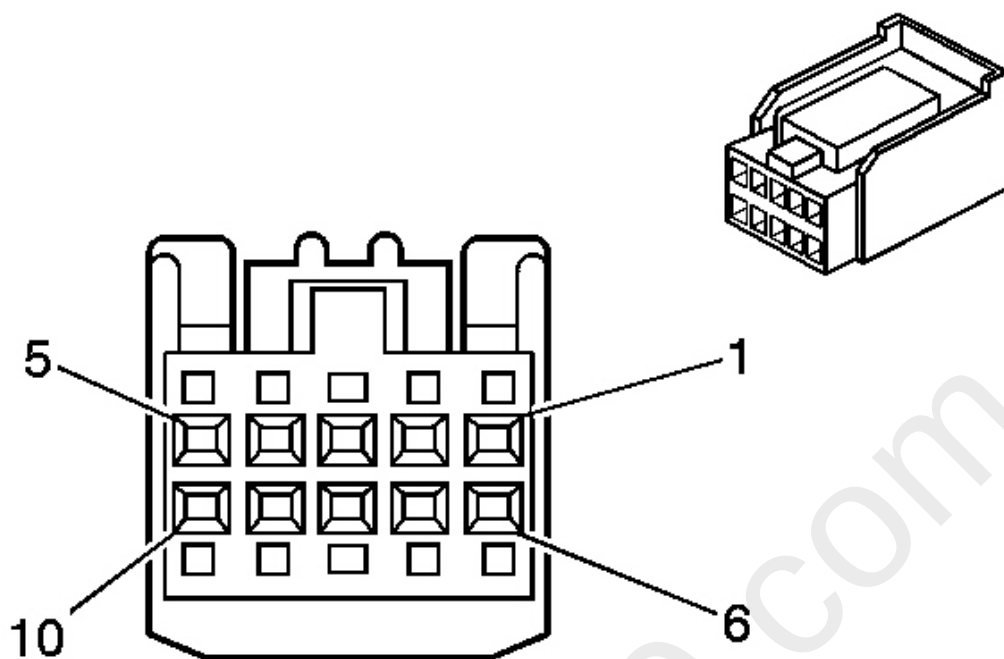


Fig. 6: A10 Inside Rearview Mirror (UVC with UYS or PCJ or without UVC or UYS or PCJ)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: AIT2PB-10A-2AK
- Service Connector: 19177676
- Description: 10-Way F Kaizen 0.64 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

A10 Inside Rearview Mirror (UVC with UYS or PCJ or without UVC or UYS or PCJ)

Pin	Wire	Circuit	Function

1	0.35 L-GN	24	Backup Lamp Supply Voltage (DD8)
2	0.35 PK	339	Ignition Voltage (DD8)
3	0.35 D-GN/WH	2514	Keypad Signal (UE1)
4	0.35 L-GN/BK	2515	Keypad Supply Voltage (UE1)
5	0.35 BK/WH	651	Ground (DD8)
6	0.35 YE/BK	2516	Keypad Green LED Signal (UE1)
7	0.35 BN/WH	2517	Keypad Red LED Signal (UE1)
8-10	-	-	Not Used

A10 INSIDE REARVIEW MIRROR (UVC WITHOUT UYS OR PCJ)

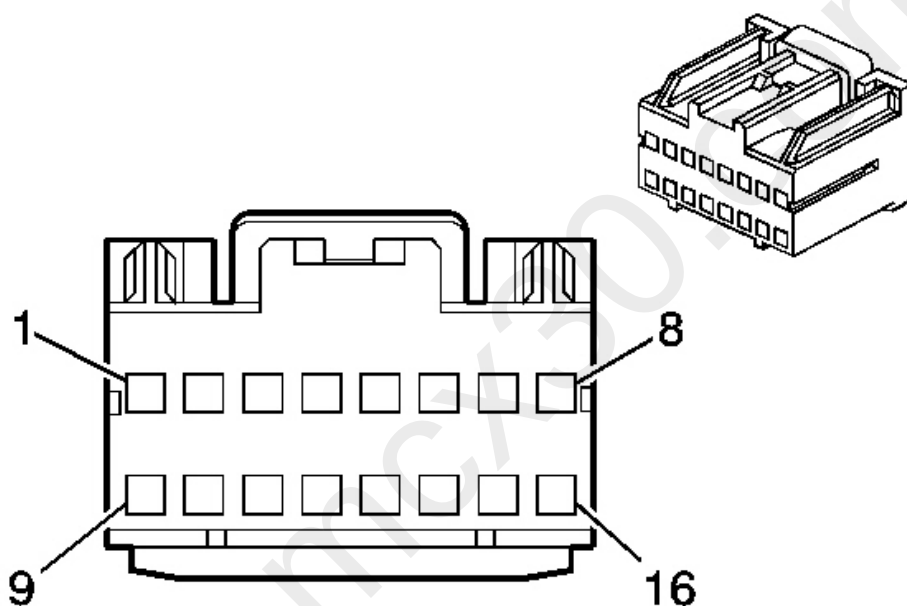


Fig. 7: A10 Inside Rearview Mirror (UVC without UYS or PCJ)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- OEM Connector: 917981-2
- Service Connector: 15306351
- Description: 16-Way F 040/070 Hybrid Series (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12180559
- Diagnostic Test Probe: J-35616-16 (L-GN)
- Terminal/Tray: 15445905/23
- Core/Insulation Crimp: J/J

A10 Inside Rearview Mirror (UVC without UYS or PCJ)

Pin	Wire	Circuit	Function
1-5	-	-	Not Used
6	0.35 PK	6972	Camera Signal +
7	0.35 L-BU	6973	Camera Signal -
8	0.35 BK/WH	651	Ground (DD8)
9	0.35 L-GN	24	Backup Lamp Supply Voltage (DD8)
10	-	-	Not Used
11	0.35 D-GN/WH	2514	Keypad Signal (UE1)
12	0.35 L-GN/BK	2515	Keypad Supply Voltage (UE1)
13	0.35 PK	339	Ignition Voltage (DD8)
14	0.35 YE/BK	2516	Keypad Green LED Signal (UE1)
15	0.35 BN/WH	2517	Keypad Red LED Signal (UE1)
16	-	-	Not Used

A11 RADIO X1

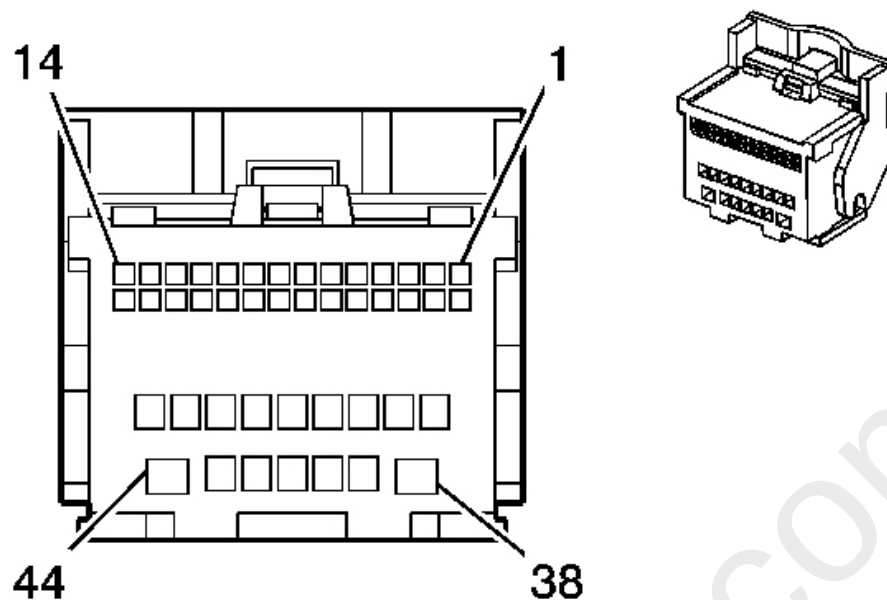


Fig. 8: A11 Radio X1

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: RADPB-44-1AK
- Service Connector: 88988902
- Description: 44-Way F GT 64 Series (BK)

Terminal Part Information

- Pins: 1-3, 6, 9-13, 16, 20, 23-34, 37, 39-43
- 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
- Pins: 38, 44
- Terminated Lead: Pending

- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: 2/A

A11 Radio X1

Pin	Wire	Circuit	Function
1	0.35 BARE	5332	Infra Red Audio Drain Wire (UWG)
2	0.35 YE	7459	CGI -
3	0.35 BARE	7460	Integrated Center Stack Serial Data Shield
4-5	-	-	Not Used
6	0.35 L-BU/BK	659	Cellular Telephone Voice Signal (UE1)
7-8	-	-	Not Used
9	0.35 BARE	5842	Auxiliary Audio Screen (2) (without KTA)
10	0.35 TN/WH	3378	Auxiliary Audio Jack Right + (KTA)
	0.35 D-GN/WH	5841	Video Mode Signal (without KTA)
11	0.35 PK	2060	Auxiliary Detection Signal (without KTA)
12	0.35 D-BU/WH	3360	Audio Common (UWG)
13	0.35 L-GN	3291	Center Stack Wake-Up Signal
14-15	-	-	Not Used
16	0.35 TN	7458	CGI +
17-19	-	-	Not Used
20	0.35 D-BU	658	Cellular Telephone Voice Signal (UE1)
21-22	-	-	Not Used
23	0.35 D-BU	5843	Auxiliary Audio Common Signal (without KTA)
	0.35 D-GN/WH	3376	Auxiliary Audio Common Signal (KTA)
24	0.35 YE	3377	Auxiliary Audio Jack Left + (KTA)
	0.35 L-GN	5839	Video Bright Signal (without KTA)
25	0.35 OG/BK	5329	Left Infrared Audio Signal (UWG)
26	0.35 PU/WH	5330	Right Infrared Audio Signal (UWG)
27	0.35 PK	3290	Center Stack Reset Signal
28	0.35 D-GN	5060	Low Speed GMLAN Serial Data
29	0.35 BARE	2011	Left Front Audio Drain Wire
30	0.35 BARE	2099	Left Rear Audio Drain Wire
31	0.35 OG/BK	1546	Front Low Level Audio Signal -
32	0.35 D-GN	1947	Left Front Low Level Audio Signal -
33	0.35 TN	1946	Right Rear Low Level Audio Signal -
34	0.35 BN	1999	Left Rear Low Level Audio Signal -
35-36	-	-	Not Used
37	0.35 OG	6978	DVD Audio Common (UZ8 or VQN)

38	0.8 BK/WH	1551	Ground
39	0.35 L-GN/WH	512	Right Front Low Level Audio Signal +
40	0.35 TN	511	Left Front Low Level Audio Signal +
41	0.35 D-BU	546	Right Rear Low Level Audio Signal +
42	0.35 BN/WH	599	Left Rear Low Level Audio Signal +
43	0.35 WH	7066	Remote Enable
44	0.8 RD/WH	340	Battery Positive Voltage

A11 RADIO X3 (UWG)

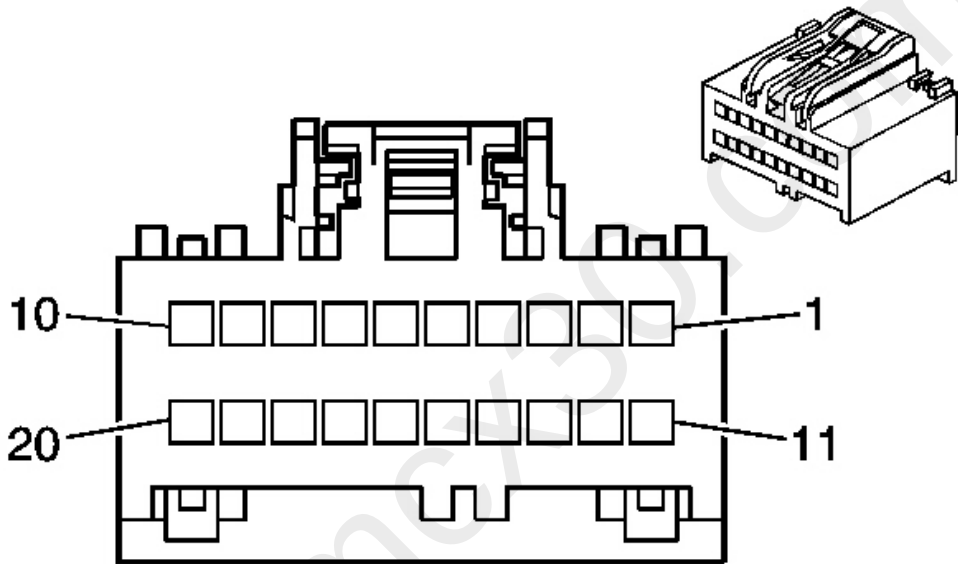


Fig. 9: A11 Radio X3 (UWG)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information • Harness: Instrument Panel • OEM Connector: 31410-1200 • Service Connector: 15126711 • Description: 20-Way F 64 Series, Sealed (BK) Terminal Part Information
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- 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

A11 Radio X3 (UWG)

Pin	Wire	Circuit	Function
1	0.35 L-BU	5826	Left DVD Audio Signal +
2	0.35 PU	6979	DVD Audio Common
3	0.35 YE	2059	Auxiliary Audio Left Signal
4	0.35 PK/BK	5844	Video Bright Signal
5	0.35 L-GN/BK	5845	Video Mode Signal
6	0.35 OG/BK	5831	Low Reference
7	0.35 PU	2056	Auxiliary Video High Signal
8	0.35 L-GN	7396	DVD Video Signal 2 +
9	0.35 BARE	6976	DVD Video Drain Wire
10	0.35 D-GN	6975	DVD Video Signal +
11	0.35 WH	5828	Right DVD Audio Signal +
12	0.35 BARE	6980	DVD Audio Shield
13	0.35 WH	2058	Auxiliary Audio Right Signal
14	0.35 BARE	5345	Auxiliary Audio Drain Wire (1)
15	0.35 D-GN/WH	7395	Video Mode 2 Signal
16	0.35 TN/WH	5830	Right Infrared Audio Signal
17	0.35 BARE	5346	Video Drain Wire
18	0.35 WH	7394	DVD Video Signal 2 -
19	0.35 BARE	5818	DVD Video Drain Wire
20	0.35 WH/BK	5335	DVD Video Signal -

A11 RADIO X4 (UYS OR PCJ)

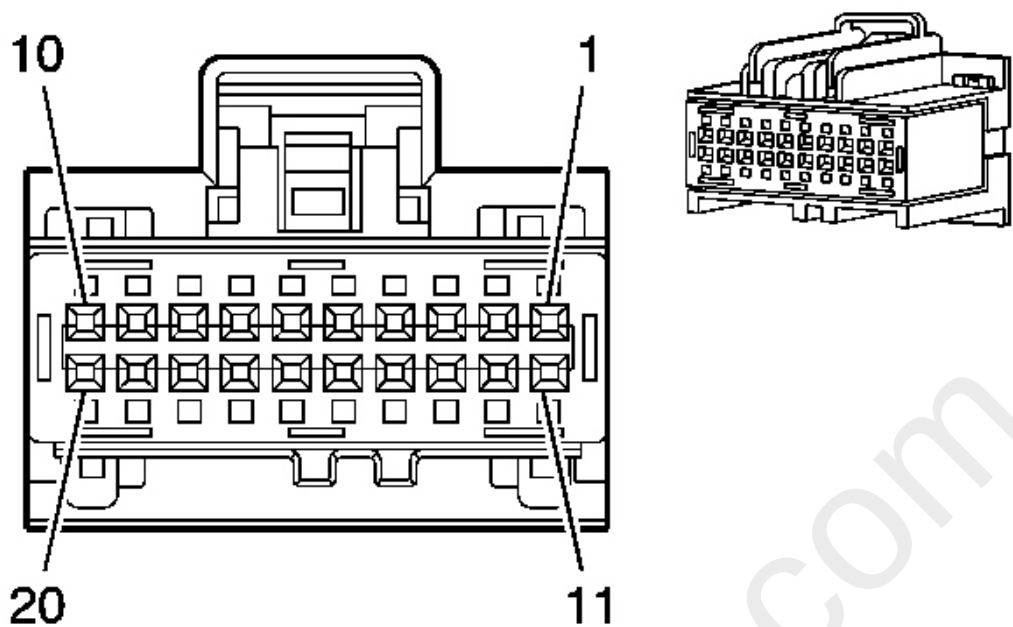


Fig. 10: A11 Radio X4 (UYS or PCJ)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 31410-1201
- Service Connector: 15126710
- Description: 20-Way F 64 Series, Sealed (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

A11 Radio X4 (UYS or PCJ)

Pin	Wire	Circuit	Function
1-4	-	-	Not Used

5	0.35 PK	6972	Camera Signal + (UVC)
6	0.35 GY	655	Cellular Microphone Signal (without UE1)
	0.35 PK	5149	Voice Recognition Audio Signal (UE1)
7	-	-	Not Used
8	0.35 BARE	3368	Touch Screen Display Drain Wire
9	0.35 PK	3369	Touch +
10	0.35 L-GN	3364	Navigation Reset Signal
11-14	-	-	Not Used
15	0.35 L-BU	6973	Camera Signal - (UVC)
16	0.35 PK/BK	5152	Voice Recognition Audio Low Reference (UE1)
	0.35 BARE	654	Cellular Microphone Signal (without UE1)
17-18	-	-	Not Used
19	0.35 PU	3370	Touch -
20	0.35 D-GN/WH	817	Vehicle Speed Signal

A20 RADIO/HVAC CONTROLS

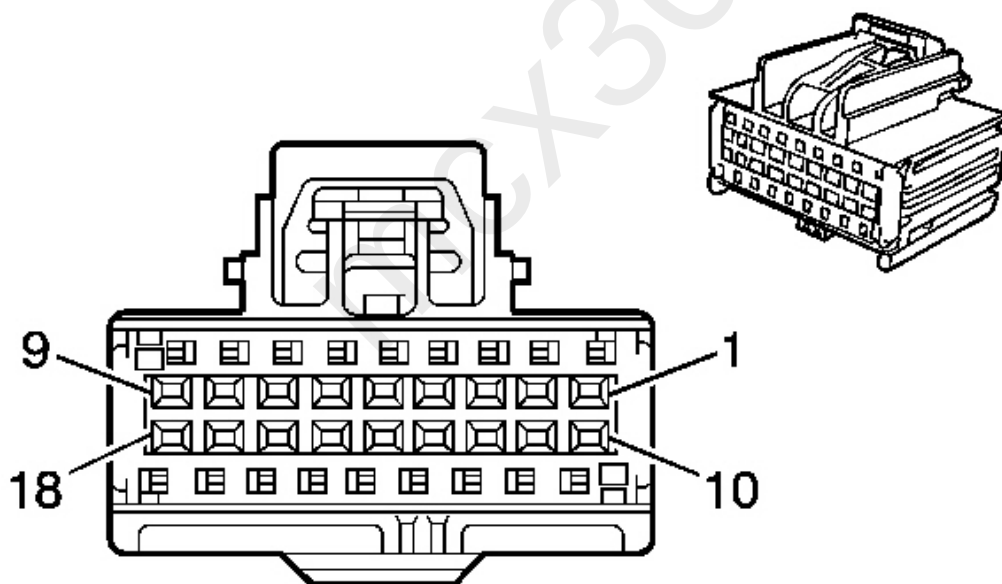


Fig. 11: A20 Radio/HVAC Controls
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 7283-4544-30
- Service Connector: 89047360
- Description: 18-Way F 0.64 Kaizen 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

A20 Radio/HVAC Controls

Pin	Wire	Circuit	Function
1	0.35 TN	7458	CGI + (UYS or PCJ)
2	0.35 YE	7459	CGI - (UYS or PCJ)
3	0.35 BARE	7460	Integrated Center Stack Serial Data Shield (UYS or PCJ)
4	0.35 L-GN	3291	Center Stack Wake-Up Signal (UYS or PCJ)
5	0.35 PK	893	DIC Select Menu Switch Signal
6	0.35 BN	897	DIC Switch Low Reference
7	0.35 L-BU	7532	Local Interconnect Network 10 (without UYS or PCJ)
8	0.35 YE	7531	Local Interconnect Network 9
9	-	-	Not Used
10	0.5 RD/WH	3240	Battery Positive Voltage
11	0.35 L-BU	3265	Child Security Switch Signal
12	0.35 PK/BK	780	Driver Door Lock Switch Lock Signal
13	0.35 OG/BK	781	Driver Door Lock Switch Unlock Signal
14	0.35 GY	5697	Child Security Indicator Control
15	0.35 PK	3290	Center Stack Reset Signal (UYS or PCJ)
16	0.35 WH	111	Hazard Switch Signal
17	0.35 BK/WH	1551	Ground
18	0.35 D-GN/WH	1358	DIC Switch Signal

A23C LIFTGATE LATCH ASSEMBLY (TB4)

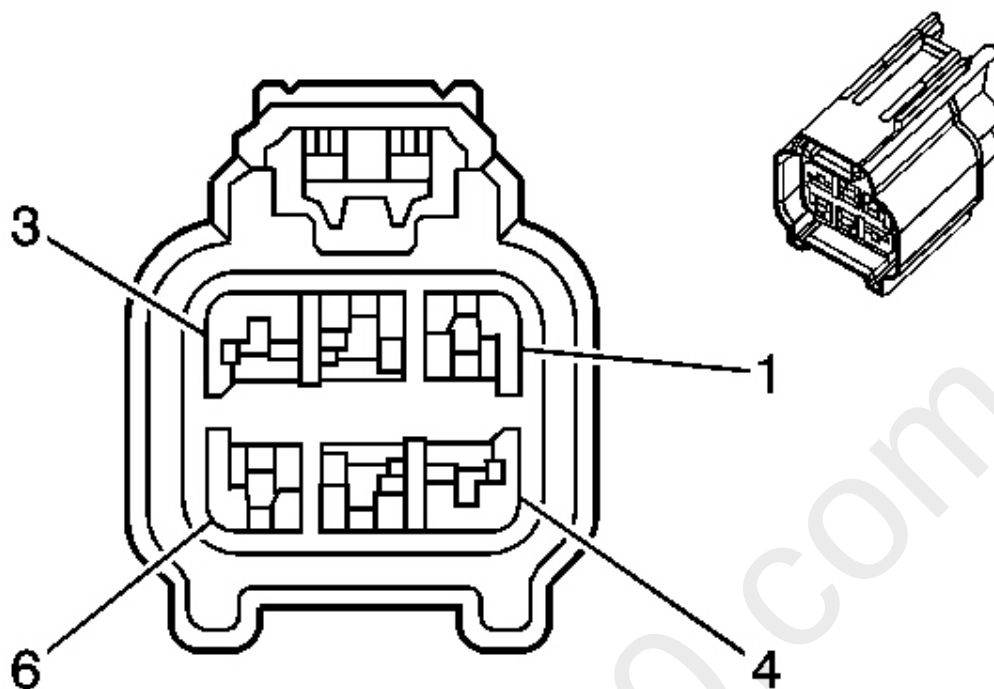


Fig. 12: A23C Liftgate Latch Assembly (TB4)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Liftgate
- OEM Connector: 15476199
- Service Connector: 88988358
- Description: 6-Way F GT 280 Series, Sealed (GN)

Terminal Part Information

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

A23C Liftgate Latch Assembly (TB4)

Pin	Wire	Circuit	Function
1	0.8 L-BU	6128	Rear Closure Unlatch Motor Unlatch Control
2	-	-	Not Used
3	0.5 BK	2550	Ground
4	-	-	Not Used
5	0.35 BK	2550	Ground
6	0.35 PK/BK	1303	Liftgate Ajar Switch Signal

A23C LIFTGATE LATCH ASSEMBLY (TB5)

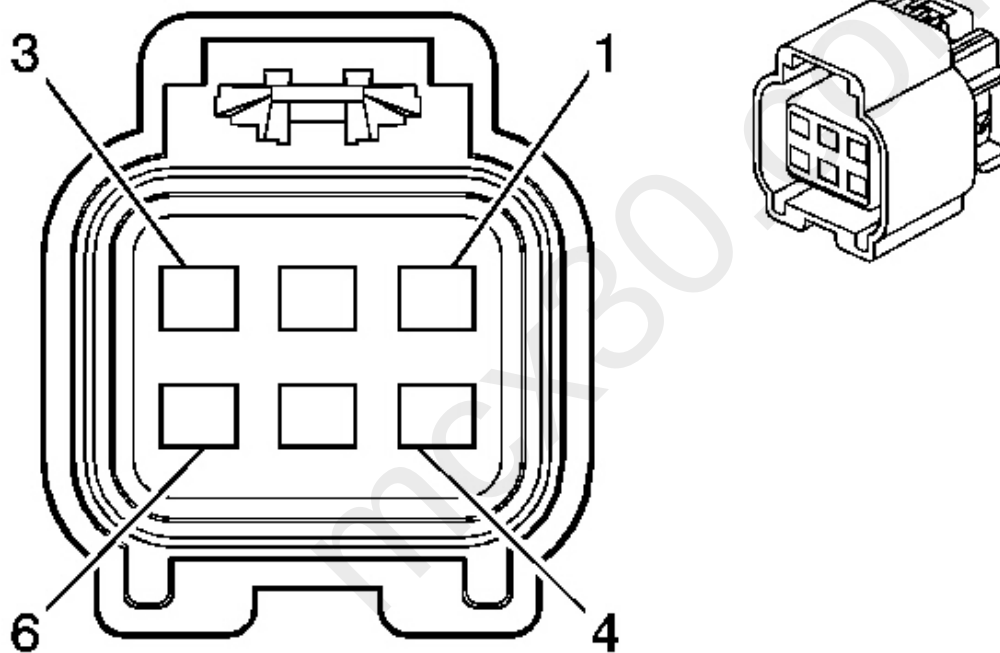


Fig. 13: A23C Liftgate Latch Assembly (TB5)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Liftgate
- OEM Connector: 15476196
- Service Connector: 88988498

- Description: 6-Way F GT 280 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pins 1, 3 - 15375404
- Terminated Lead: Pins 2, 4-6 - Pending
- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-4A (PU)
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: Pins 1, 3 - 2/5
- Core/Insulation Crimp: Pins 2, 4-6 - E/5

A23C Liftgate Latch Assembly (TB5)

Pin	Wire	Circuit	Function
1	1 BN	5790	Liftgate Latch Motor Open Control
2	0.35 PU/WH	5801	Low Reference
3	1 D-BU	5791	Liftgate Latch Motor Close Control
4	0.35 D-GN	5512	Liftgate Latch Sector Switch Signal
5	0.35 GY	7000	Liftgate Latch Pawl Switch Signal
6	0.35 PK/BK	6000	Liftgate Latch Ratchet Switch Signal

A23D DOOR LATCH ASSEMBLY - DRIVER

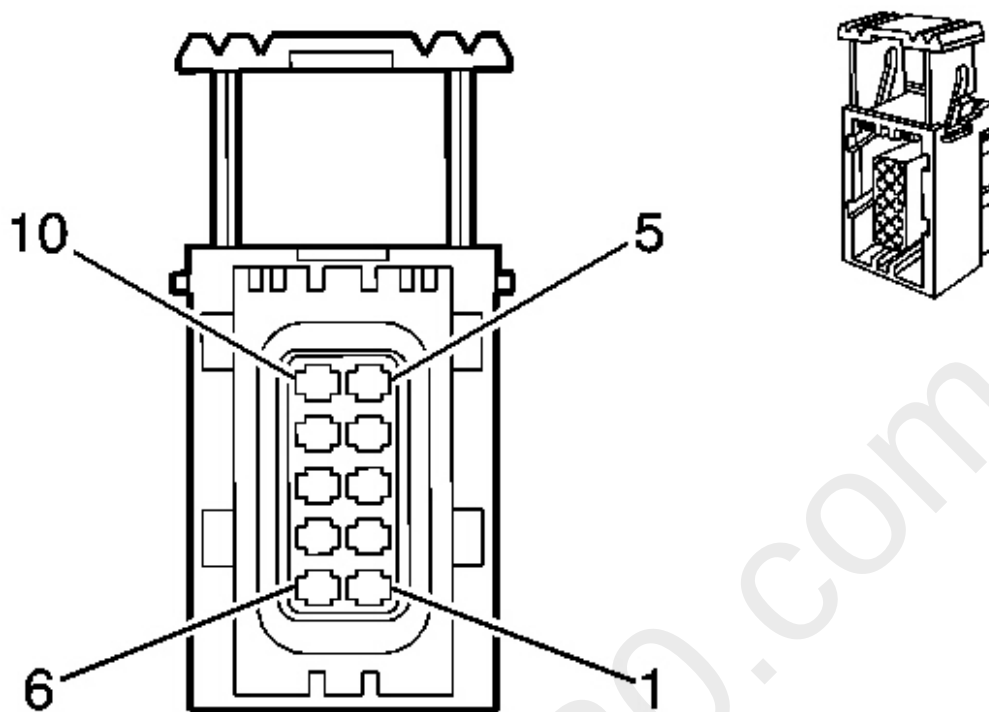


Fig. 14: A23D Door Latch Assembly - Driver
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Driver Door
- OEM Connector: 6-1355688-1
- Service Connector: 88952463
- Description: 10-Way F (BK)

Terminal Part Information

- Pins: 4, 6, 8
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1

- Pins: 2, 3
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1

A23D Door Latch Assembly - Driver

Pin	Wire	Circuit	Function
1	-	-	Not Used
2	0.8 TN	294	Door Lock Actuator Unlock Control
3	0.8 GY	5911	Driver Door Lock Motor Lock Control
4	0.35 D-GN	3270	Driver Door Lock Status Signal
5	-	-	Not Used
6	0.35 GY/BK	745	Left Front Door Ajar Switch Signal
7	-	-	Not Used
8	0.35 BK	750	Ground
9-10	-	-	Not Used

A23LR DOOR LATCH ASSEMBLY - LEFT REAR

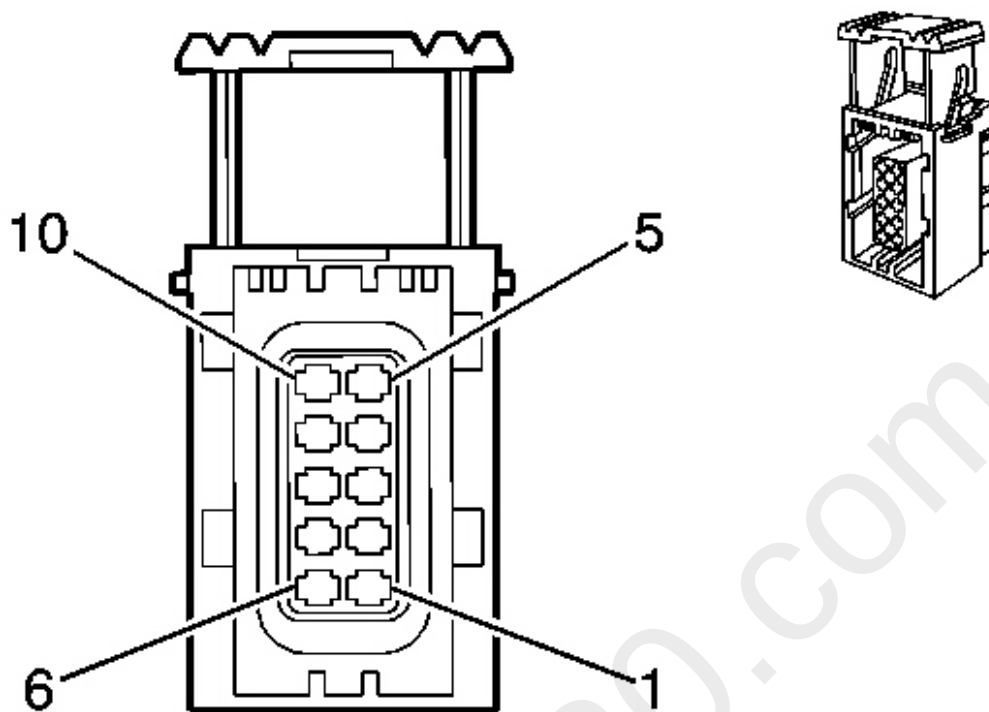


Fig. 15: A23LR Door Latch Assembly - Left Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Left Rear Door
- OEM Connector: 6-1355688-1
- Service Connector: 88952463
- Description: 10-Way F (BK)

Terminal Part Information

- Pins 6, 8, 9
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1

- Pins 2-4, 7
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1

A23LR Door Latch Assembly - Left Rear

Pin	Wire	Circuit	Function
1	-	-	Not Used
2	0.8 TN	294	Door Lock Actuator Unlock Control
3	0.8 GY	295	Door Lock Actuator Lock Control
4	0.8 TN	294	Door Lock Actuator Unlock Control
5	-	-	Not Used
6	0.35 L-BU/BK	747	Left Rear Door Ajar Switch Signal
7	0.8 D-BU/WH	3266	Rear Door Latch Control
8	0.35 BK	2550	Ground
9	0.35 BN/WH	3269	Left Rear Door Ajar Switch Signal
10	-	-	Not Used

A23P DOOR LATCH ASSEMBLY - PASSENGER

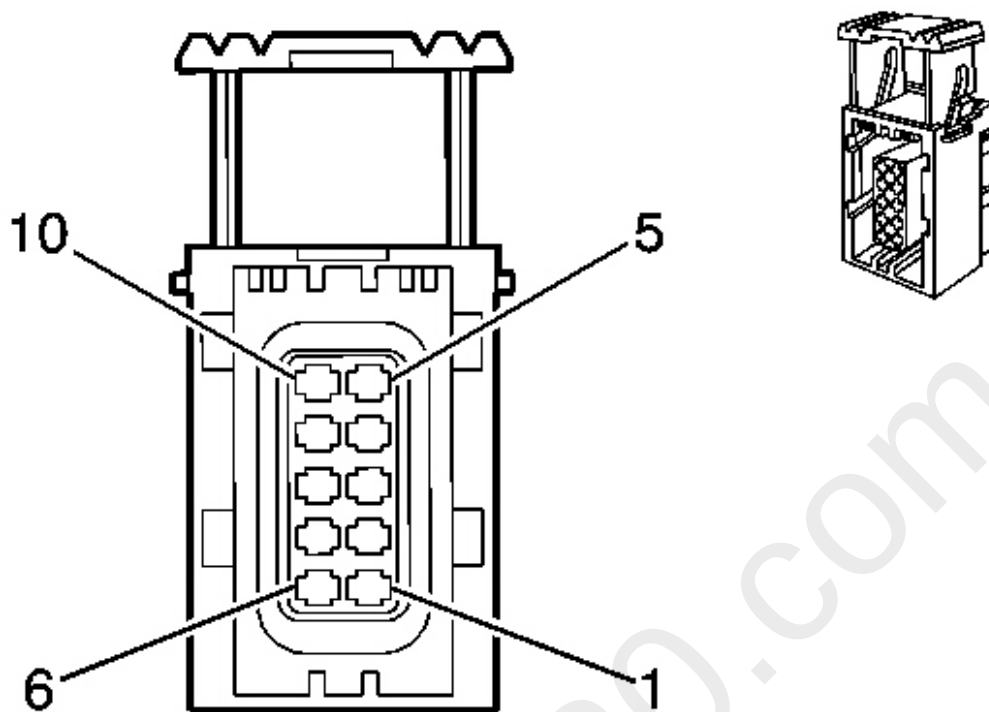


Fig. 16: A23P Door Latch Assembly - Passenger
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Passenger Door
- OEM Connector: 6-1355688-1
- Service Connector: 88952463
- Description: 10-Way F (BK)

Terminal Part Information

- Pins 1, 3
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1

- Pins 7, 8
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1

A23P Door Latch Assembly - Passenger

Pin	Wire	Circuit	Function
1	0.35 TN/WH	746	Right Front Door Ajar Switch Signal
2	-	-	Not Used
3	0.35 BK	750	Ground
4-6	-	-	Not Used
7	0.8 TN	294	Door Lock Actuator Unlock Control
8	0.8 GY	295	Door Lock Actuator Lock Control
9-10	-	-	Not Used

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR

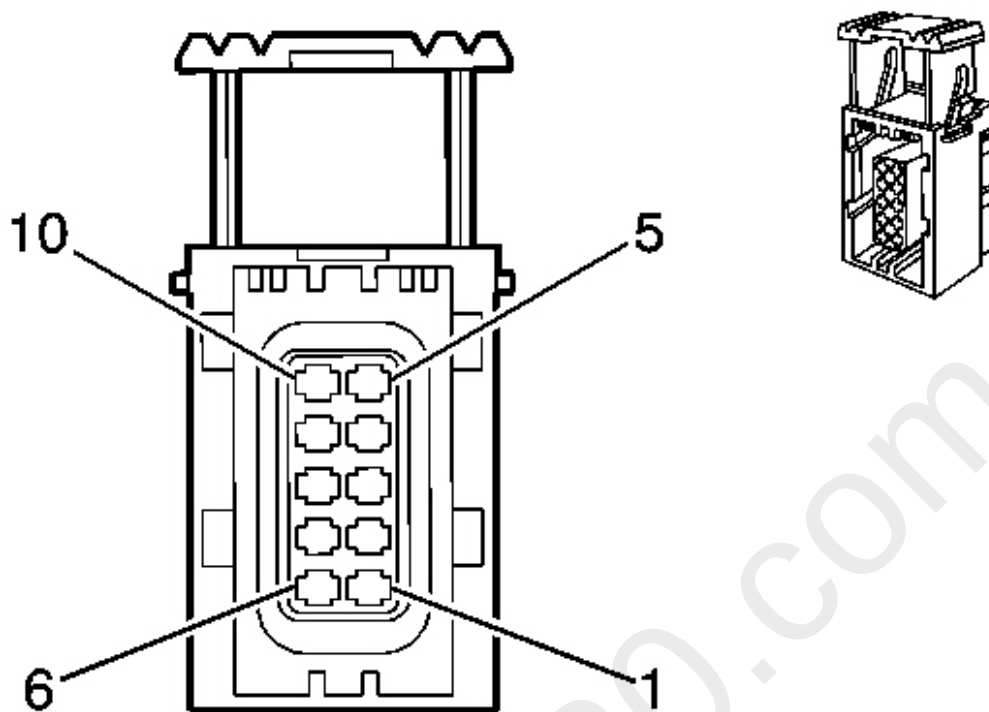


Fig. 17: A23RR Door Latch Assembly - Right Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Right Rear Door
- OEM Connector: 6-1355688-1
- Service Connector: 88952463
- Description: 10-Way F (BK)

Terminal Part Information

- Pins 1, 3, 4
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1

- Pins 2, 7-9
- Terminated Lead: Pending
- Release Tool: J-38125-560
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1

A23RR Door Latch Assembly - Right Rear

Pin	Wire	Circuit	Function
1	0.35 L-GN/BK	748	Right Rear Door Ajar Switch Signal
2	0.8 D-BU/WH	3266	Rear Door Latch Control
3	0.35 BK	550	Ground
4	0.35 GY/BK	3268	Right Rear Door Ajar Switch Signal
5-6	-	-	Not Used
7	0.8 TN	294	Door Lock Actuator Unlock Control
8	0.8 GY	295	Door Lock Actuator Lock Control
9	0.8 TN	294	Door Lock Actuator Unlock Control
10	-	-	Not Used

B1 A/C REFRIGERANT PRESSURE SENSOR

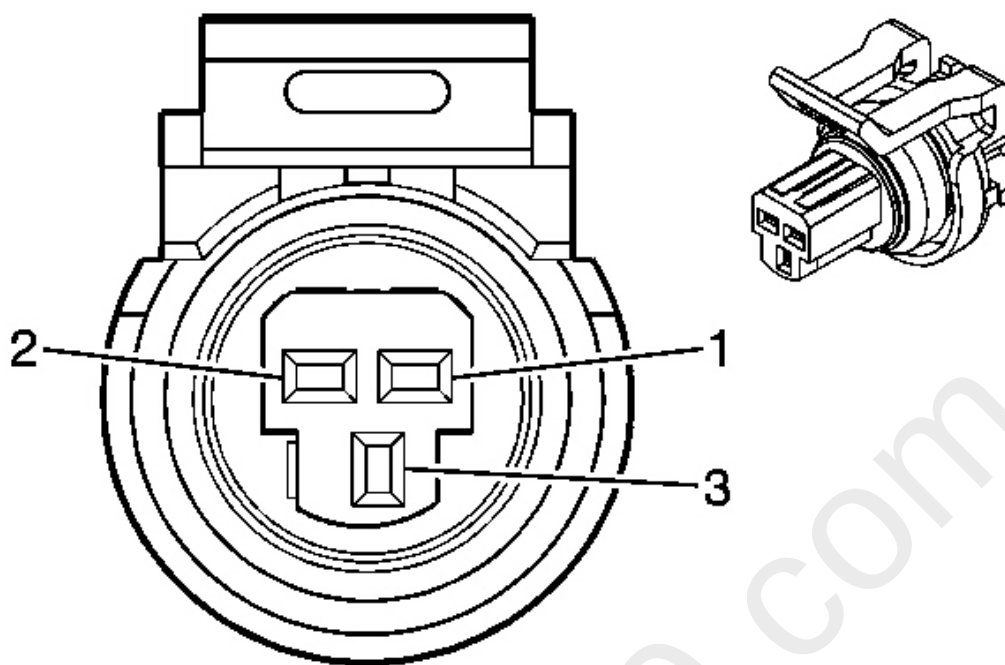


Fig. 18: B1 A/C Refrigerant Pressure Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15477863
- Service Connector: 88988301
- 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: 15326267/19
- Core/Insulation Crimp: E/4

B1 A/C Refrigerant Pressure Sensor

Pin	Wire	Circuit	Function

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

B5LF WHEEL SPEED SENSOR - LEFT FRONT

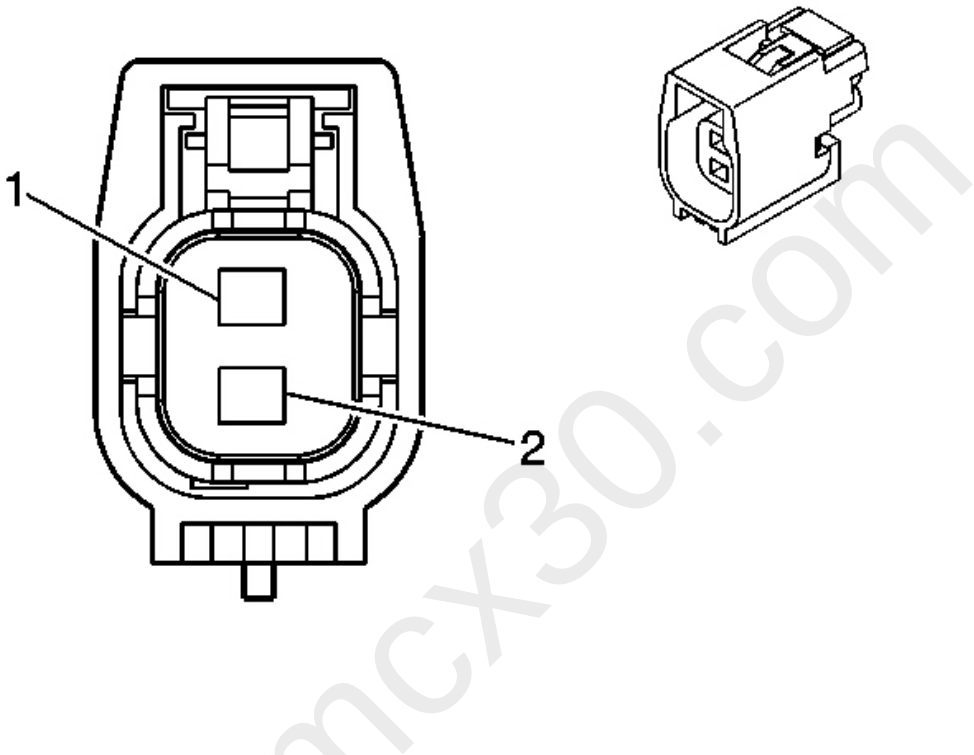


Fig. 19: B5LF Wheel Speed Sensor - Left Front
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 7287-0973-30
- Service Connector: 19178097
- Description: 2-Way F GT 1.5 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

B5LF Wheel Speed Sensor - Left Front

Pin	Wire	Circuit	Function
1	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
2	0.5 YE	873	Left Front Wheel Speed Sensor Low Reference

B5LR WHEEL SPEED SENSOR - LEFT REAR

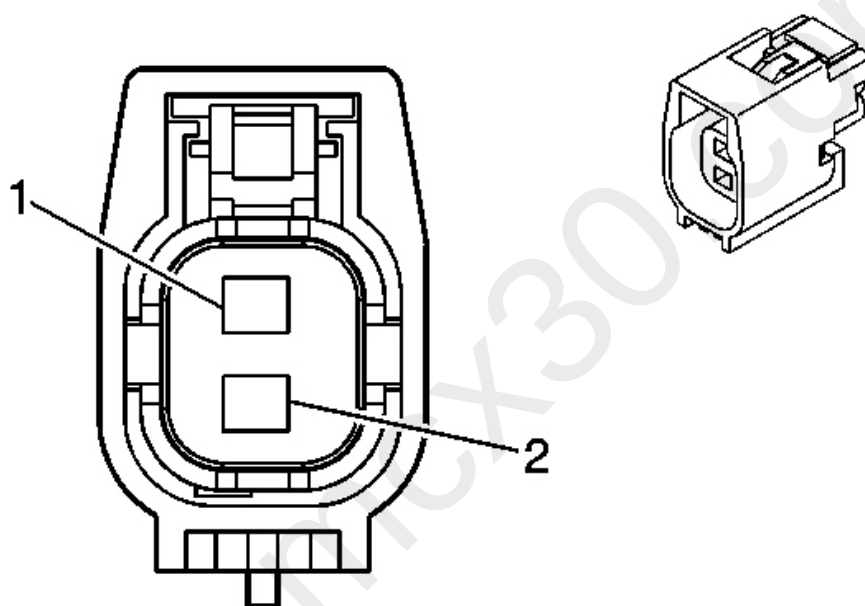


Fig. 20: B5LR Wheel Speed Sensor - Left Rear
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Left Rear Wheel Extension
- OEM Connector: 7287-0973-30
- Service Connector: 19178097
- Description: 2-Way F GT 1.5 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

B5LR Wheel Speed Sensor - Left Rear

Pin	Wire	Circuit	Function
1	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
2	0.5 OG	885	Left Rear Wheel Speed Sensor Low Reference

B5RF WHEEL SPEED SENSOR - RIGHT FRONT

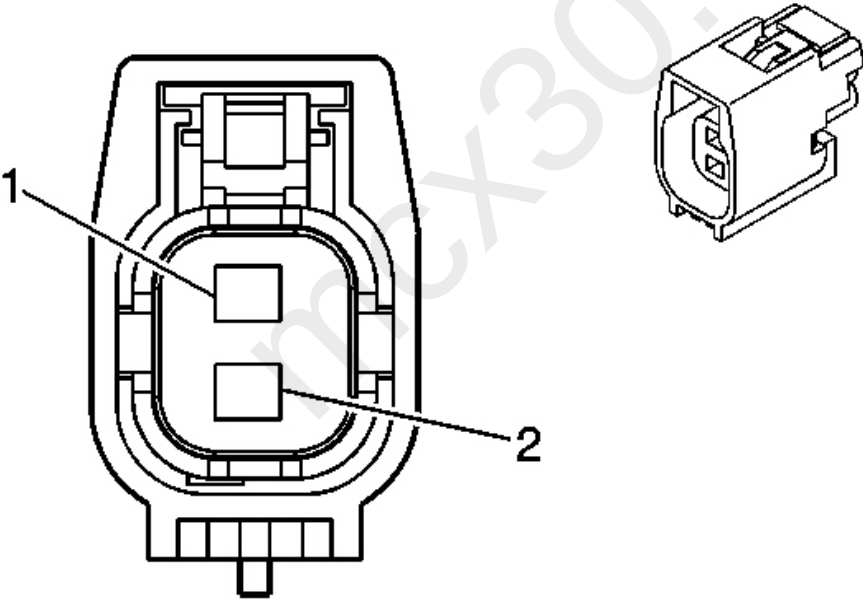


Fig. 21: B5RF Wheel Speed Sensor - Right Front
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 7287-0973-30
- Service Connector: 19178097
- Description: 2-Way F GT 1.5 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

B5RF Wheel Speed Sensor - Right Front

Pin	Wire	Circuit	Function
1	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
2	0.5 TN	833	Right Front Wheel Speed Sensor Low Reference

B5RR WHEEL SPEED SENSOR - RIGHT REAR

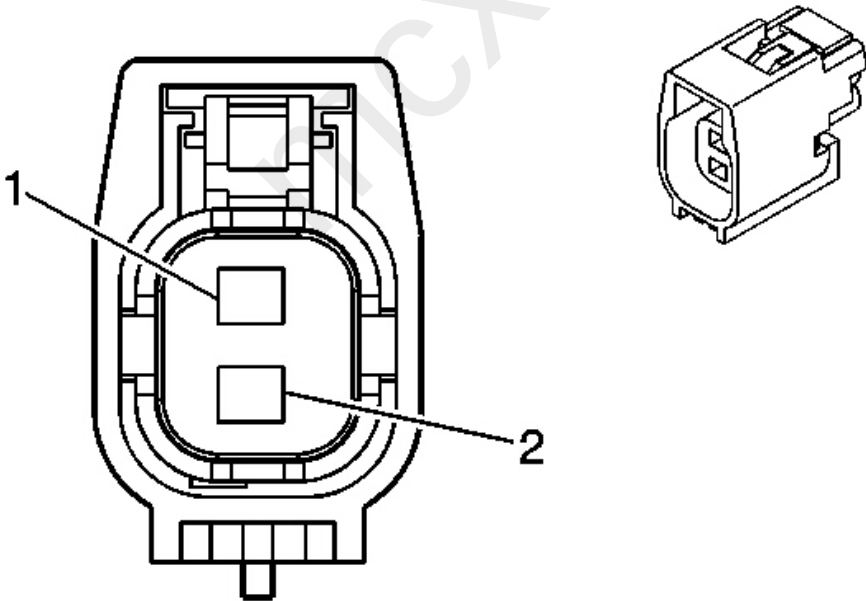


Fig. 22: B5RR Wheel Speed Sensor - Right Rear
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Right Rear Wheel Extension
- OEM Connector: 7287-0973-30
- Service Connector: 19178097
- Description: 2-Way F GT 1.5 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

B5RR Wheel Speed Sensor - Right Rear

Pin	Wire	Circuit	Function
1	0.5 BK	882	Right Rear Wheel Speed Sensor Signal
2	0.5 WH	883	Right Rear Wheel Speed Sensor Low Reference

B7E AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER (C68)

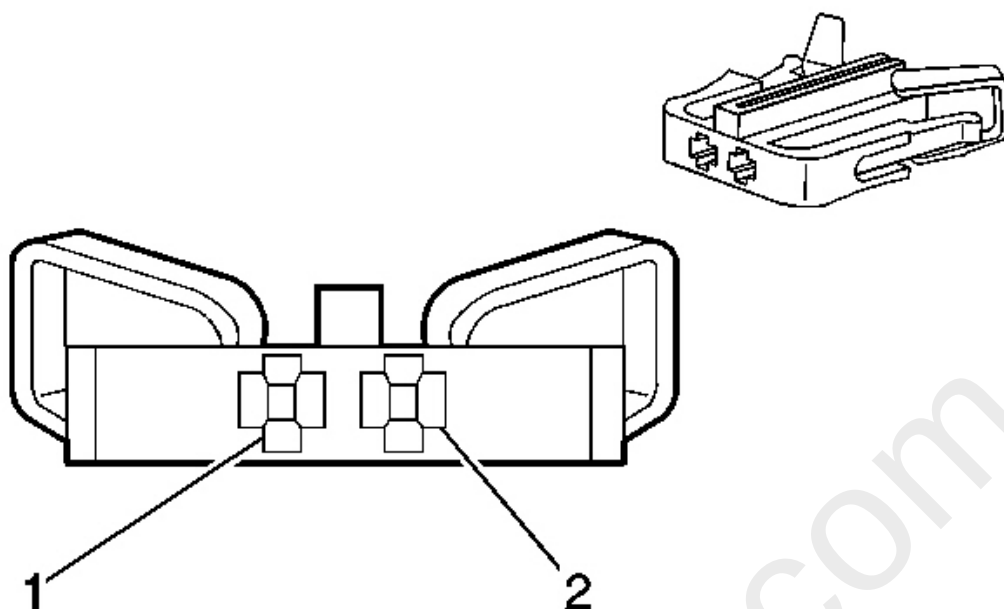


Fig. 23: B7E Air Temperature Sensor - Duct Right Lower (C68)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA HVAC
- OEM Connector: 13069669696
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F (BK)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 13069669696
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 13069669696
- Core/Insulation Crimp: Not Available

B7E Air Temperature Sensor - Duct Right Lower (C68)

Pin	Wire	Circuit	Function
1	0.35 TN	520	Lower Right Air Temperature Sensor Signal
2	0.35 TN	407	Low Reference

B7J AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER (C68)

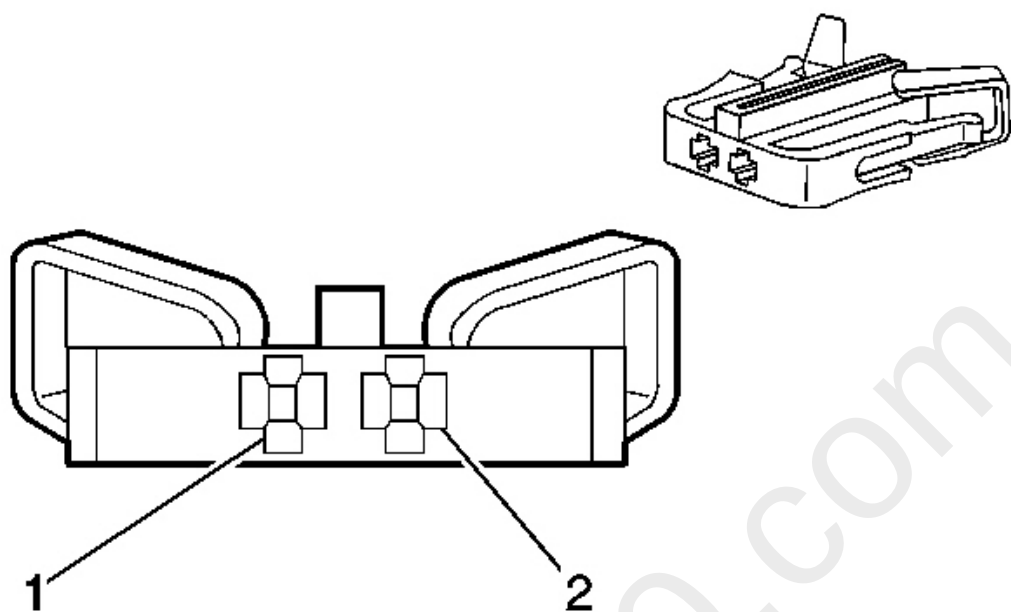


Fig. 24: B7J Air Temperature Sensor - Duct Right Upper (C68)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA HVAC
- OEM Connector: 13069669696
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F (BK)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 13069669696
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 13069669696
- Core/Insulation Crimp: Not Available

B7J Air Temperature Sensor - Duct Right Upper (C68)

Pin	Wire	Circuit	Function
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1	0.35 TN	517	Upper Right Air Temperature Sensor Signal
2	0.35 TN	407	Low Reference

B9 AMBIENT AIR TEMPERATURE SENSOR

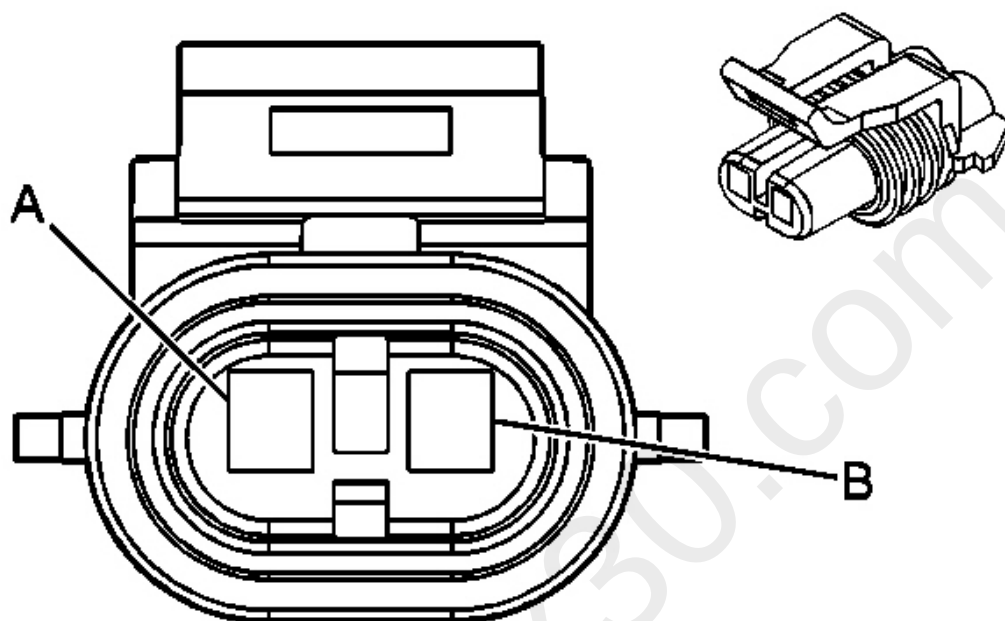


Fig. 25: B9 Ambient Air Temperature Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Forward Lamp
- OEM Connector: 13543521
- Service Connector: 12101856
- Description: 2-Way F Metri-Pack 150 Series, Sealed (BK)

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

B9 Ambient Air Temperature Sensor

Pin	Wire	Circuit	Function
A	0.35 D-GN/WH	636	Ambient Air Temperature Sensor Signal
B	0.35 YE	61	Low Reference

B10 AMBIENT LIGHT SENSOR (C67)

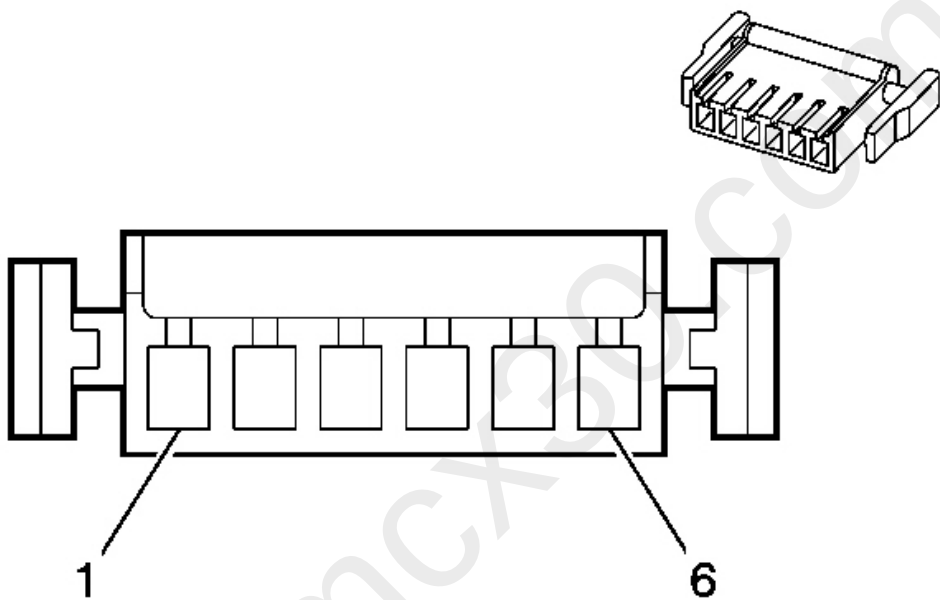


Fig. 26: B10 Ambient Light Sensor (C67)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 15344190
- Service Connector: 13316153
- Description: 6-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

B10 Ambient Light Sensor (C67)

Pin	Wire	Circuit	Function
1	0.35 GY	728	Security Indicator Control
2-4	-	-	Not Used
5	0.35 WH	278	Ambient Light Sensor Signal
6	0.35 BN	6102	Low Reference

B10B AMBIENT LIGHT/SUNLOAD SENSOR (C68)

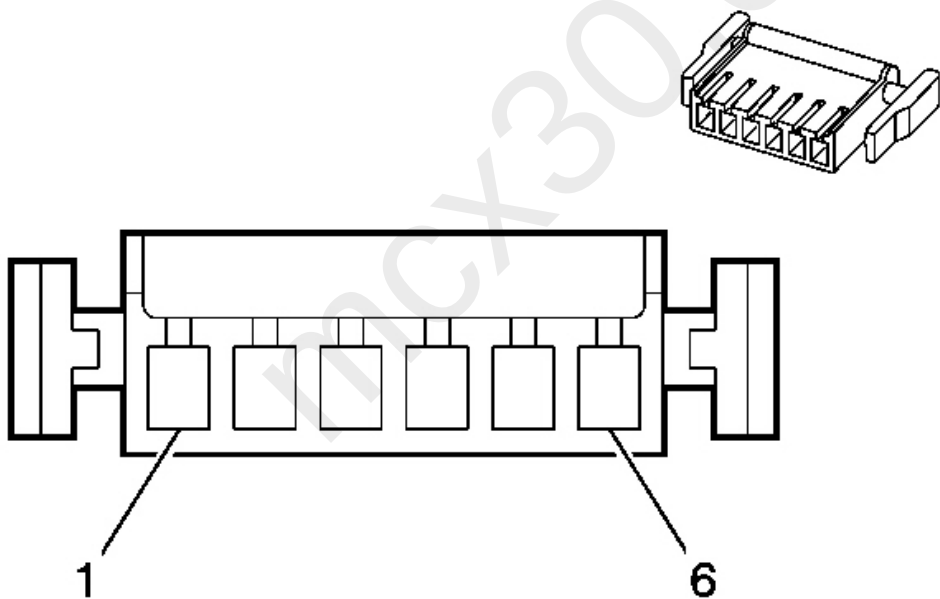


Fig. 27: B10B Ambient Light/Sunload Sensor (C68)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Instrument Panel
- OEM Connector: 15344190
- Service Connector: 13316153
- Description: 6-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

B10B Ambient Light/Sunload Sensor (C68)

Pin	Wire	Circuit	Function
1	0.35 GY	728	Security Indicator Control
2	-	-	Not Used
3	0.35 D-GN	734	Inside Air Temperature Control Signal
4	0.35 PU	1783	Twilight Sentinel Delay Signal
5	0.35 WH	278	Ambient Light Sensor Signal
6	0.35 BN	6102	Low Reference

B17 BAROMETRIC PRESSURE SENSOR (LF1)

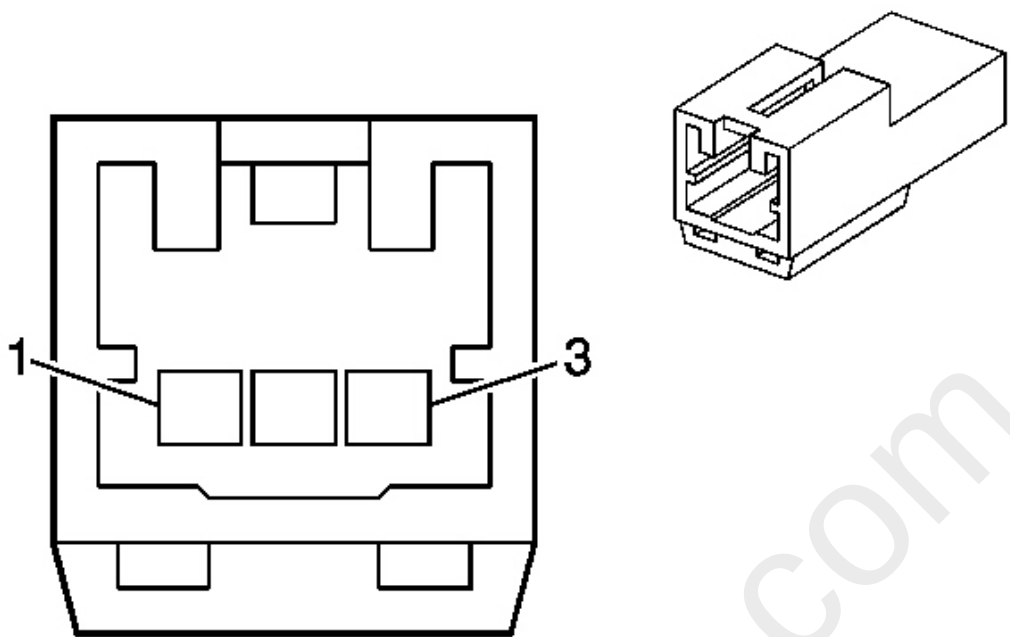


Fig. 28: B17 Barometric Pressure Sensor (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 13639747
- Service Connector: 19181248
- Description: 3-Way F 2.8 Timer Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: J-38125-36
- Diagnostic Test Probe: J-35616-35 (VT)
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1

B17 Barometric Pressure Sensor (LF1)

Pin	Wire	Circuit	Function
1	0.5 GY/WH	3201	5-Volt 1 Reference

2	0.5 TN/WH	3202	Low Reference
3	0.5 YE/WH	3200	Throttle Position Sensor Signal

B18 BATTERY CURRENT SENSOR

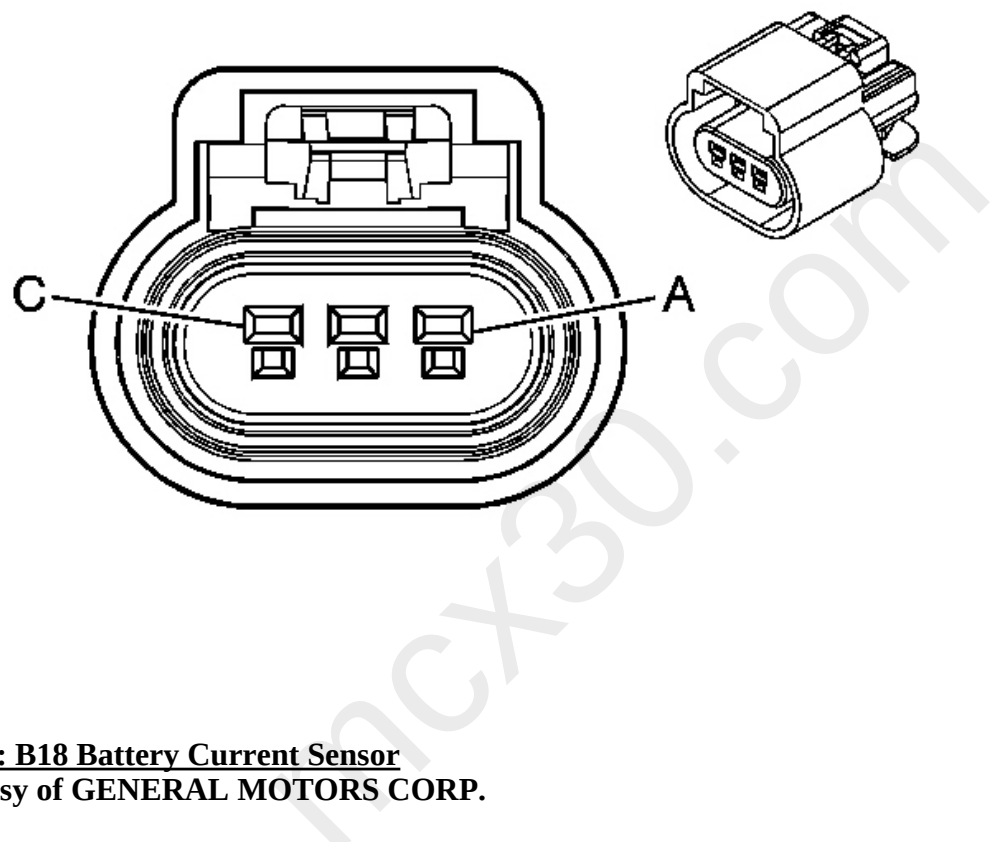


Fig. 29: B18 Battery Current Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 13519047
- 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

B18 Battery Current Sensor

Pin	Wire	Circuit	Function
A	0.5 PK	5076	Current Sensor Voltage
B	0.5 BN	5077	Low Reference
C	0.5 WH	5075	Current Sensor Signal

B19B BRAKE BOOSTER VACUUM SENSOR

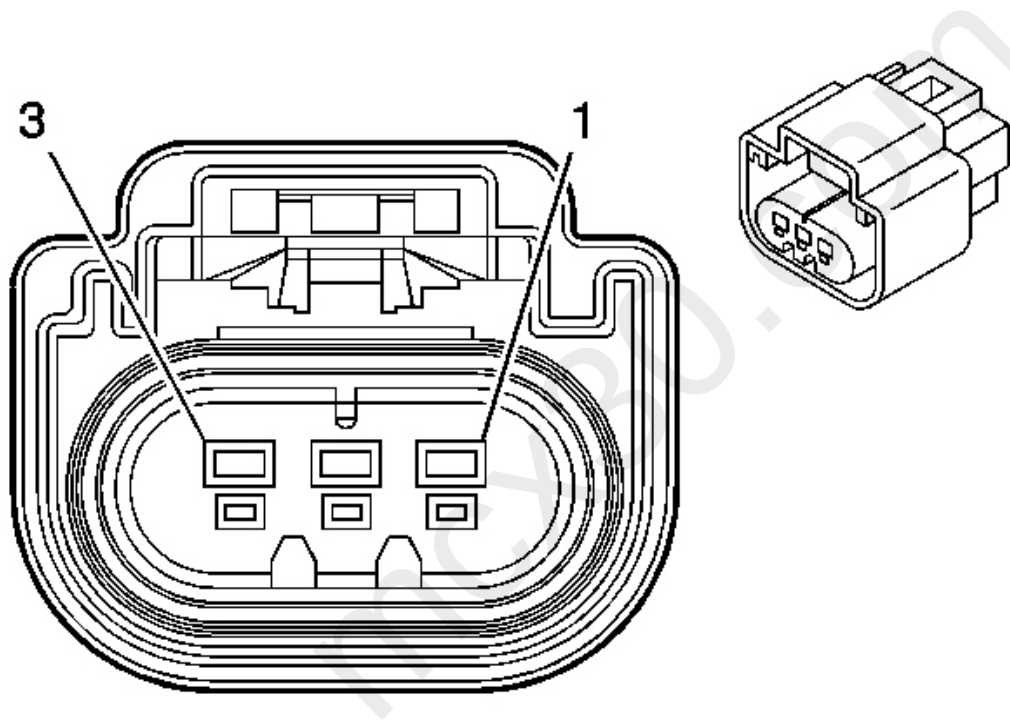


Fig. 30: B19B Brake Booster Vacuum Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 13511996
- Service Connector: 19149288
- Description: 3-Way F GT 150 Series, Sealed (GY)

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

B19B Brake Booster Vacuum Sensor

Pin	Wire	Circuit	Function
1	0.5 OG	6030	Brake Booster Vacuum Sensor Signal
2	0.5 YE/BK	6032	Low Reference
3	0.5 GY	6031	5-Volt Reference

B20 BRAKE FLUID LEVEL SWITCH

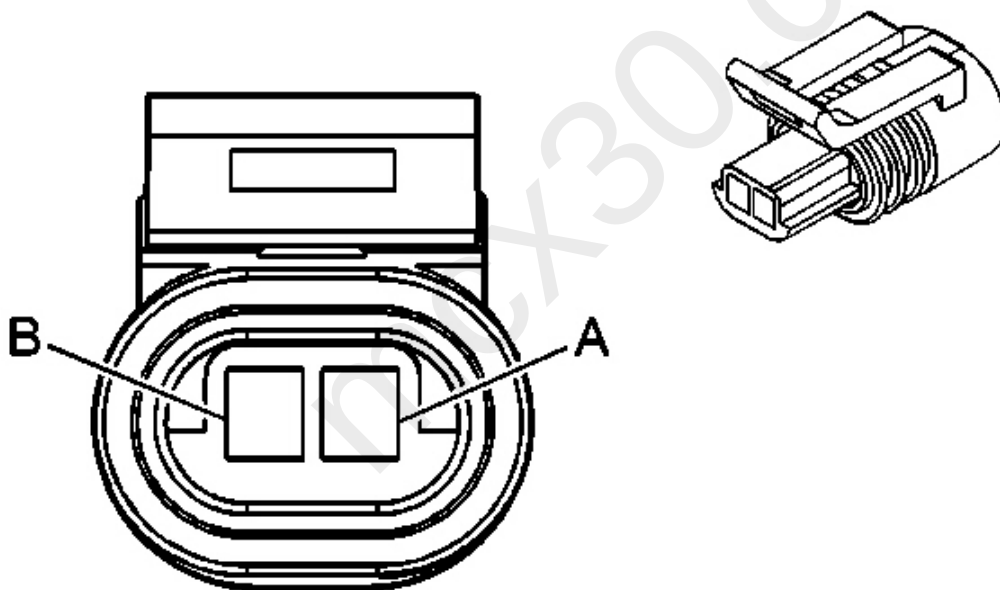


Fig. 31: B20 Brake Fluid Level Switch
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body

- OEM Connector: 12162195
- Service Connector: 88987993
- Description: 2-Way F Metri-Pack 150.2 Series, Sealed (BK)

Terminal Part Information

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

B20 Brake Fluid Level Switch

Pin	Wire	Circuit	Function
A	0.5 BK	750	Ground
B	0.5 PU	333	Brake Fluid Level Sensor Signal

B22 BRAKE PEDAL POSITION SENSOR

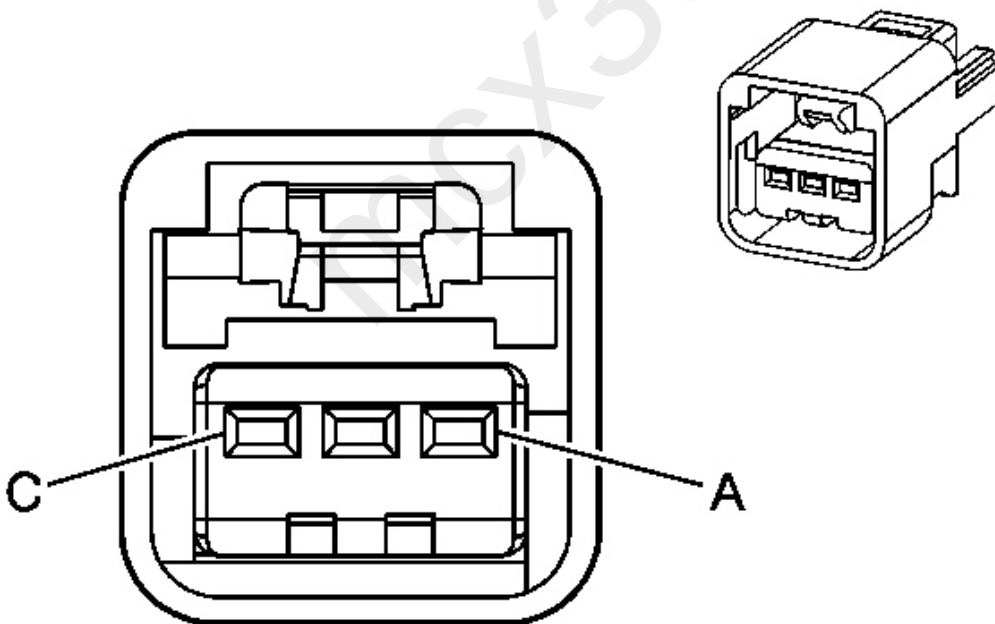


Fig. 32: B22 Brake Pedal Position Sensor
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

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

B22 Brake Pedal Position Sensor

Pin	Wire	Circuit	Function
A	0.35 BN	5360	Low Reference
B	0.35 YE	5361	Brake Pedal Position Sensor Signal
C	0.35 WH	5359	5-Volt Reference

B23A CAMSHAFT POSITION SENSOR - BANK 1 EXHAUST (LF1)

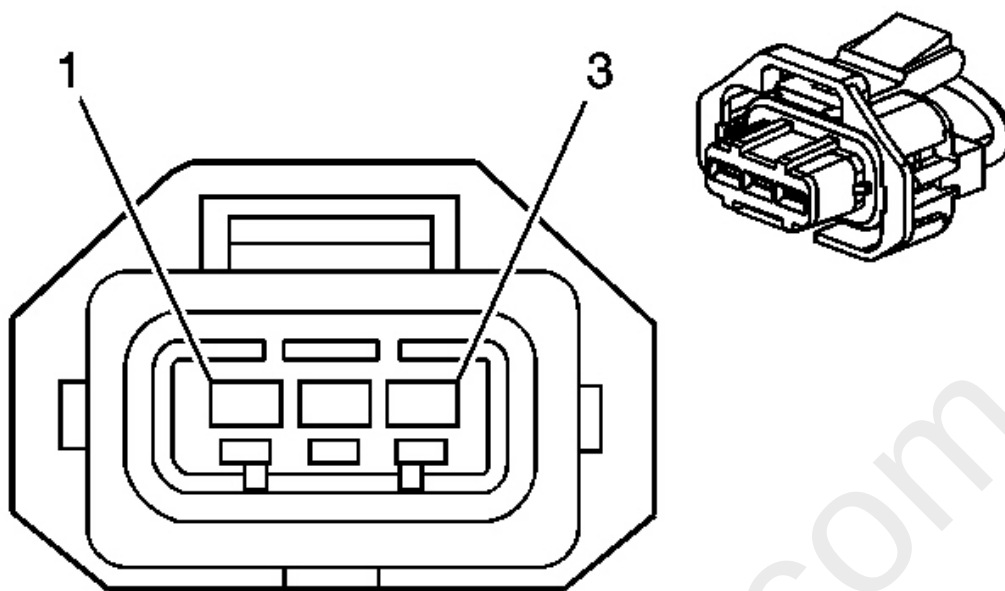


Fig. 33: B23A Camshaft Position Sensor - Bank 1 Exhaust (LF1)
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 1928403968
- Service Connector: 88988595
- 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

B23A Camshaft Position Sensor - Bank 1 Exhaust (LF1)

Pin	Wire	Circuit	Function
1	0.5 GY	5296	Low Reference
2	0.5 D-GN	5273	Camshaft Position Sensor - Exhaust Bank 1

			Signal
3	0.5 YE/BK	5297	5-Volt 1 Reference

B23B CAMSHAFT POSITION SENSOR - BANK 1 INTAKE (LF1)

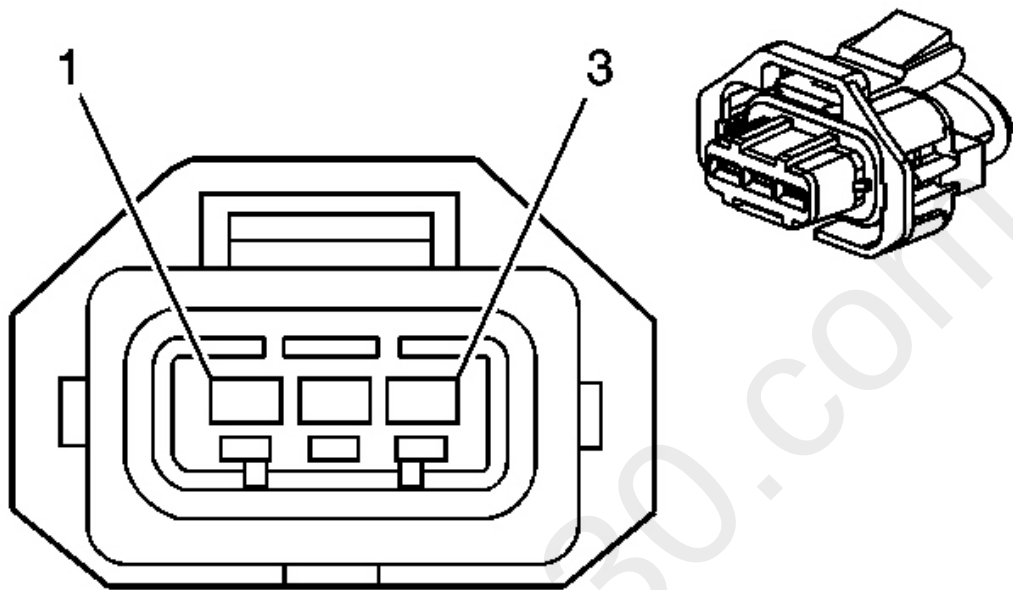


Fig. 34: B23B Camshaft Position Sensor - Bank 1 Intake (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 1928403968
- Service Connector: 88988595
- 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

B23B Camshaft Position Sensor - Bank 1 Intake (LF1)

Pin	Wire	Circuit	Function
1	0.5 TN	5301	Low Reference
2	0.5 OG	5275	Camshaft Position (CMP) Sensor - Intake Bank 1 Signal
3	0.5 D-BU	5300	5-Volt 1 Reference

B23C CAMSHAFT POSITION SENSOR - BANK 2 EXHAUST (LF1)

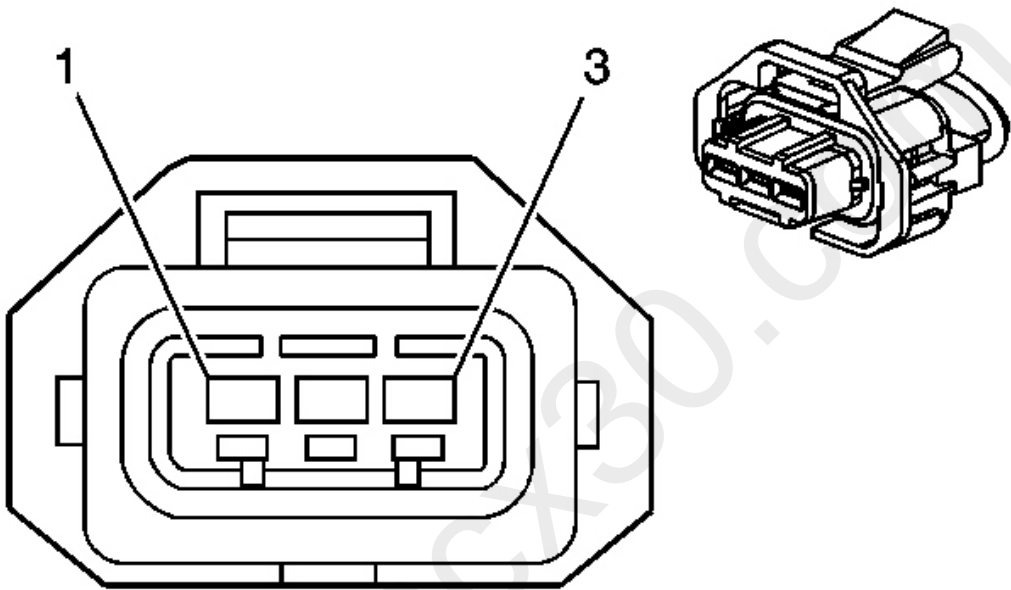


Fig. 35: B23C Camshaft Position Sensor - Bank 2 Exhaust (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 1928403968
- Service Connector: 88988595
- 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

B23C Camshaft Position Sensor - Bank 2 Exhaust (LF1)

Pin	Wire	Circuit	Function
1	0.5 BN	5299	Low Reference
2	0.5 PU	5274	Camshaft Position (CMP) Sensor - Exhaust Bank 2 Signal
3	0.5 L-GN	5298	5-Volt 1 Reference

B23D CAMSHAFT POSITION SENSOR - BANK 2 INTAKE (LF1)

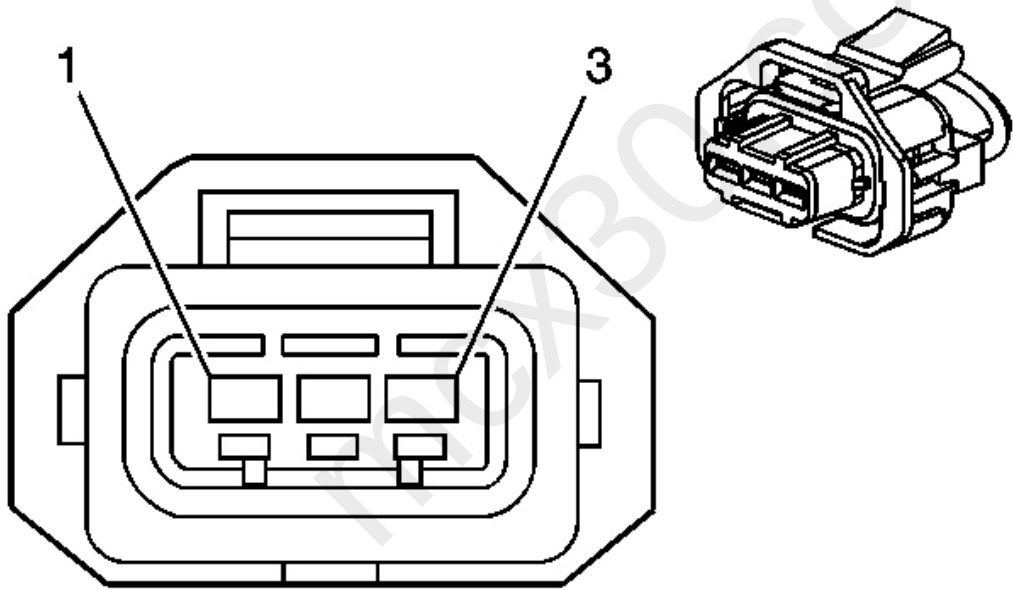


Fig. 36: B23D Camshaft Position Sensor - Bank 2 Intake (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 1928403968
- Service Connector: 88988595

- 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

B23D Camshaft Position Sensor - Bank 2 Intake (LF1)

Pin	Wire	Circuit	Function
1	0.5 BN/WH	5303	Low Reference
2	0.5 YE	5276	Camshaft Position (CMP) Sensor - Intake Bank 2 Signal
3	0.5 L-BU	5302	5-Volt 1 Reference

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LAF)

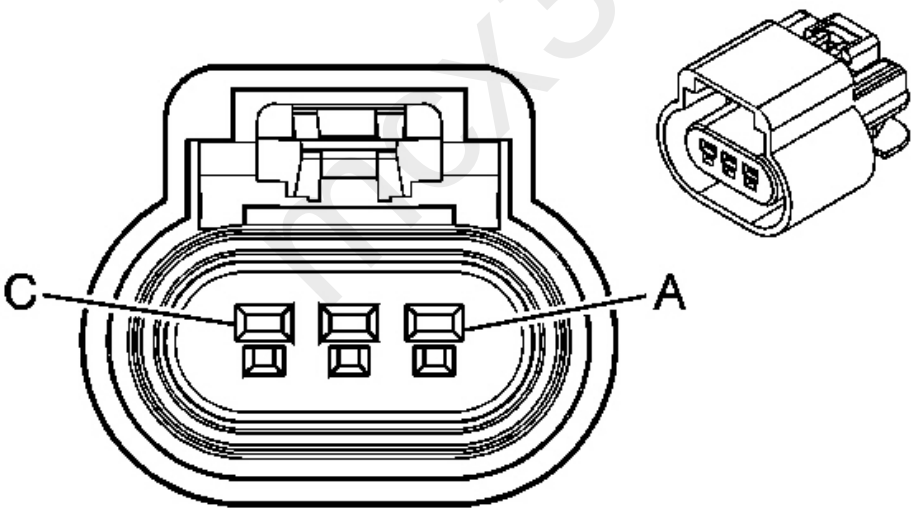


Fig. 37: B23E Camshaft Position Sensor - Exhaust (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- 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: 15326427/5
- Core/Insulation Crimp: E/A

B23E Camshaft Position Sensor - Exhaust (LAF)

Pin	Wire	Circuit	Function
A	0.5 YE/BK	5297	5-Volt 1 Reference
B	0.5 GY	5296	Low Reference
C	0.5 D-GN	5273	Camshaft Position (CMP) Sensor - Exhaust Bank 1 Signal

B23F CAMSHAFT POSITION SENSOR - INTAKE (LAF)

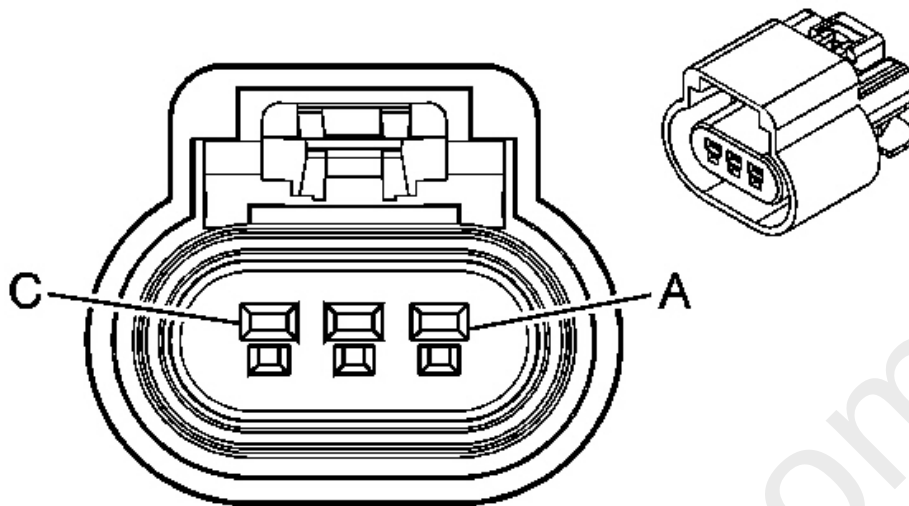


Fig. 38: B23F Camshaft Position Sensor - Intake (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- 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: 15326427/5
- Core/Insulation Crimp: E/A

B23F Camshaft Position Sensor - Intake (LAF)

Pin	Wire	Circuit	Function
A	0.5 D-BU	5300	5-Volt 1 Reference

& Terrain			
B	0.5 TN	5301	Low Reference
C	0.5 OG	5275	Camshaft Position (CMP) Sensor - Intake Bank 1 Signal

B24 CELLULAR PHONE MICROPHONE (UE1)

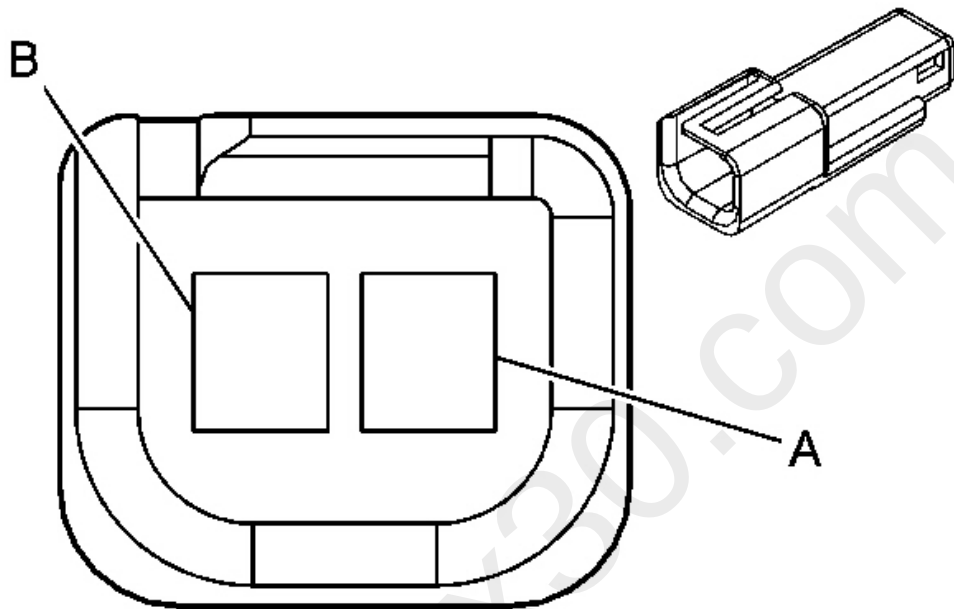


Fig. 39: B24 Cellular Phone Microphone (UE1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Headliner
- 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

B24 Cellular Phone Microphone (UE1)

Pin	Wire	Circuit	Function
A	0.35 BARE	654	Cellular Microphone Low Reference
B	0.35 GY	655	Cellular Microphone Signal

B26 CRANKSHAFT POSITION SENSOR

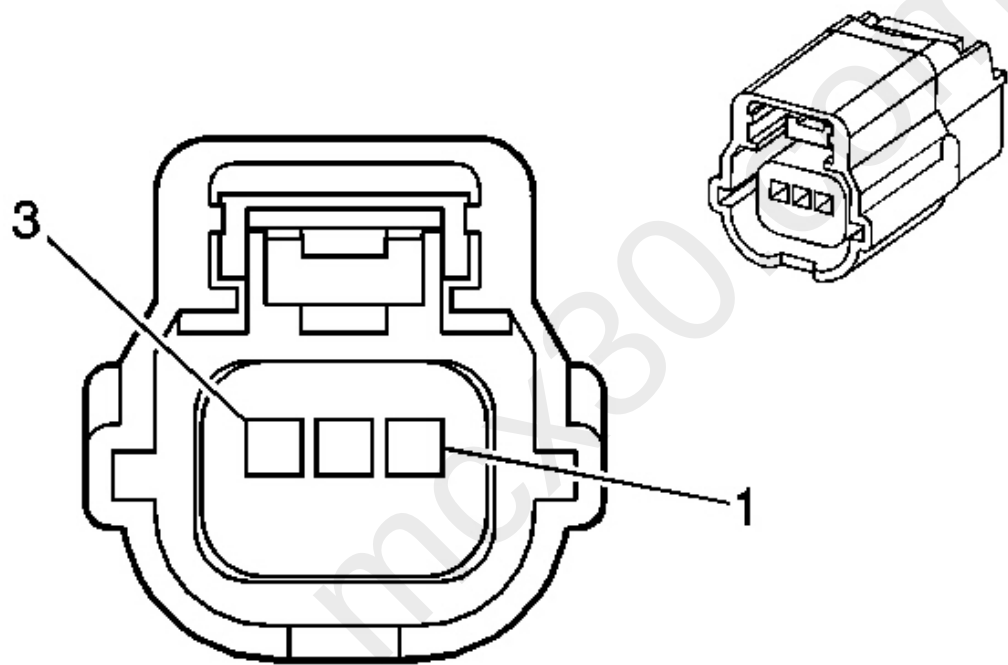


Fig. 40: B26 Crankshaft Position Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- 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: 33467-0005/23
- Core/Insulation Crimp: J/J

B26 Crankshaft Position Sensor

Pin	Wire	Circuit	Function
1	0.5 PU/WH	6270	5-Volt 2 Reference (LAF)
	0.5 GY/BK	6272	Low Reference (LF1)
2	0.5 GY/BK	6272	Low Reference (LAF)
	0.5 WH/BK	6271	Crankshaft Position Sensor Signal (LF1)
3	0.5 WH/BK	6271	Crankshaft Position Sensor Signal (LAF)
	0.5 PU/WH	6270	5-Volt 2 Reference (LF1)

B34 ENGINE COOLANT TEMPERATURE SENSOR (LAF)

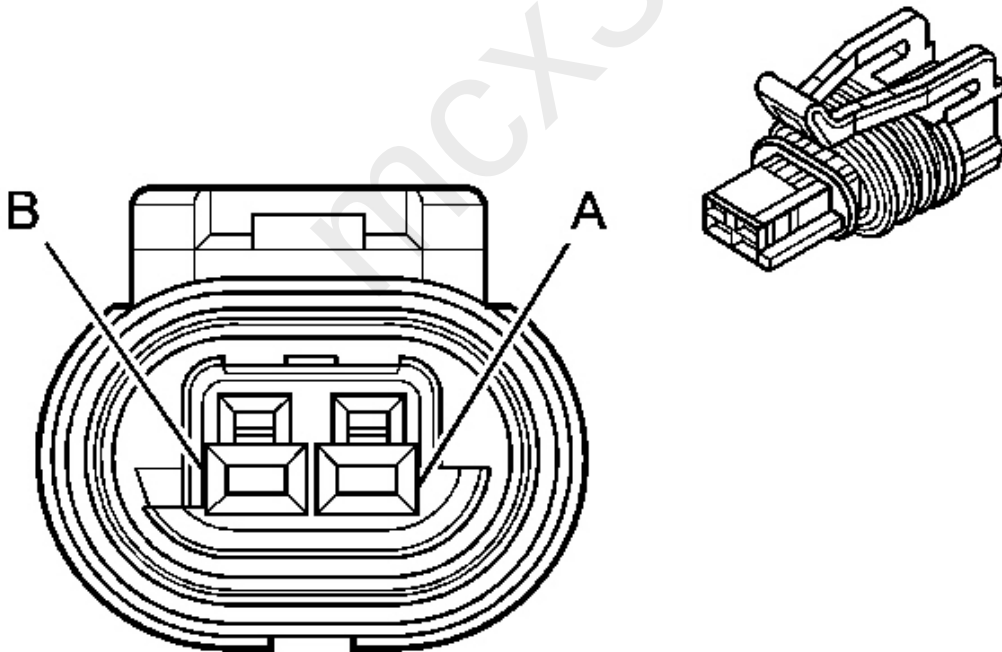


Fig. 41: B34 Engine Coolant Temperature Sensor (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 15449028
- Service Connector: 88987993
- 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

B34 Engine Coolant Temperature Sensor (LAF)

Pin	Wire	Circuit	Function
A	0.5 TN	2761	Low Reference
B	0.5 YE	410	ECT Sensor Signal

B34 ENGINE COOLANT TEMPERATURE SENSOR (LF1)

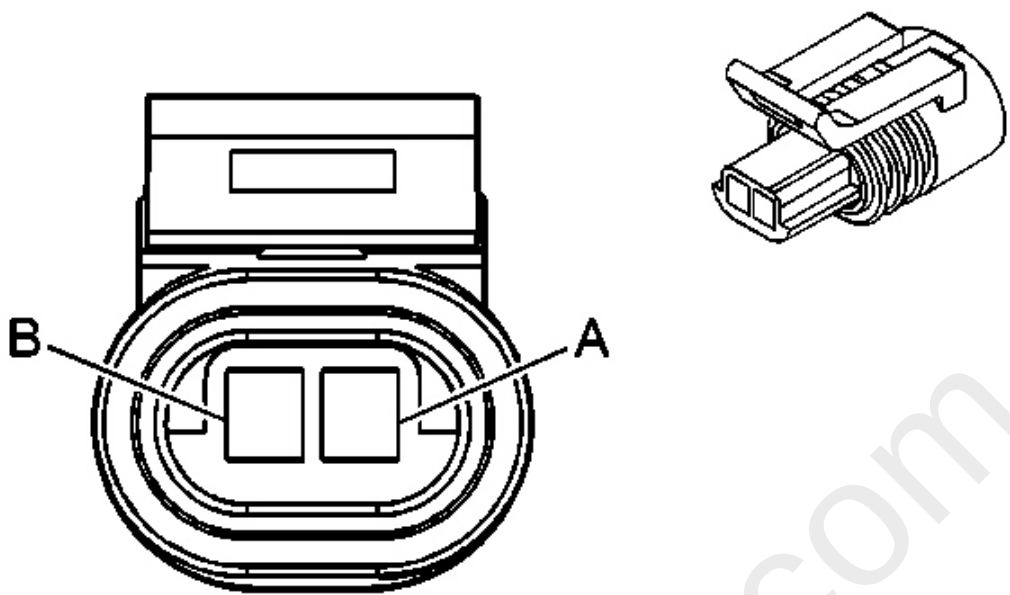


Fig. 42: B34 Engine Coolant Temperature Sensor (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 13584122
- Service Connector: 19181237
- Description: 2-Way F Metri-Pack 150.2 Series, Sealed (BK)

Terminal Part Information

- Terminated Lead: Pending
- Release Tool: 12180559-1
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 12176860/3
- Core/Insulation Crimp: E/C

B34 Engine Coolant Temperature Sensor (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN	476	Low Reference
B	0.5 YE	410	ECT Sensor Signal

B37 ENGINE OIL PRESSURE SWITCH (LAF)

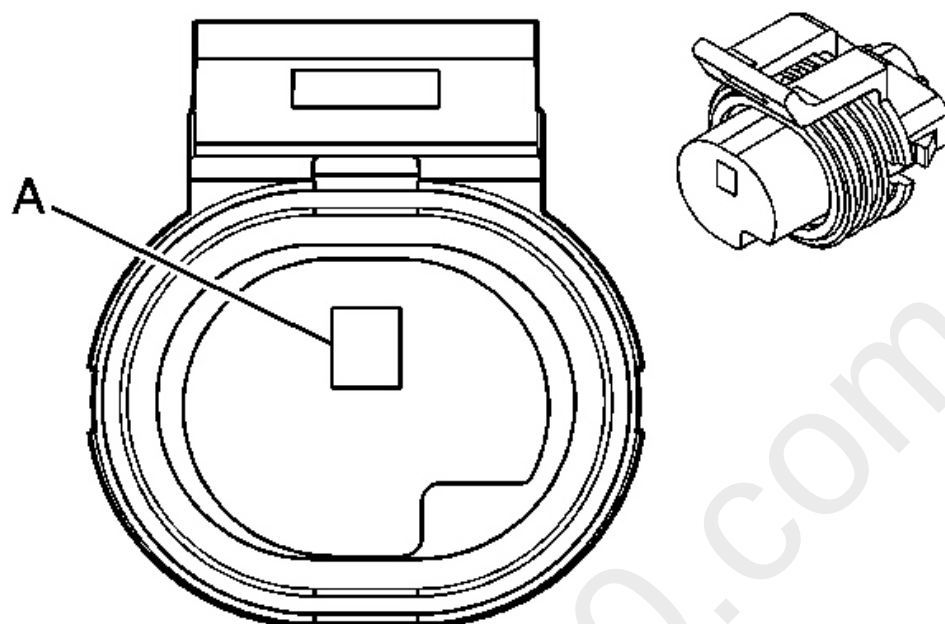


Fig. 43: B37 Engine Oil Pressure Switch (LAF)

Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12065299
- Service Connector: 12085500
- Description: 1-Way F Metri-Pack 150 Series, Sealed (L-GY)

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

B37 Engine Oil Pressure Switch (LAF)

Pin	Wire	Circuit	Function
A	0.5 TN/BK	231	Oil Pressure Switch Signal

B37 ENGINE OIL PRESSURE SWITCH (LF1)

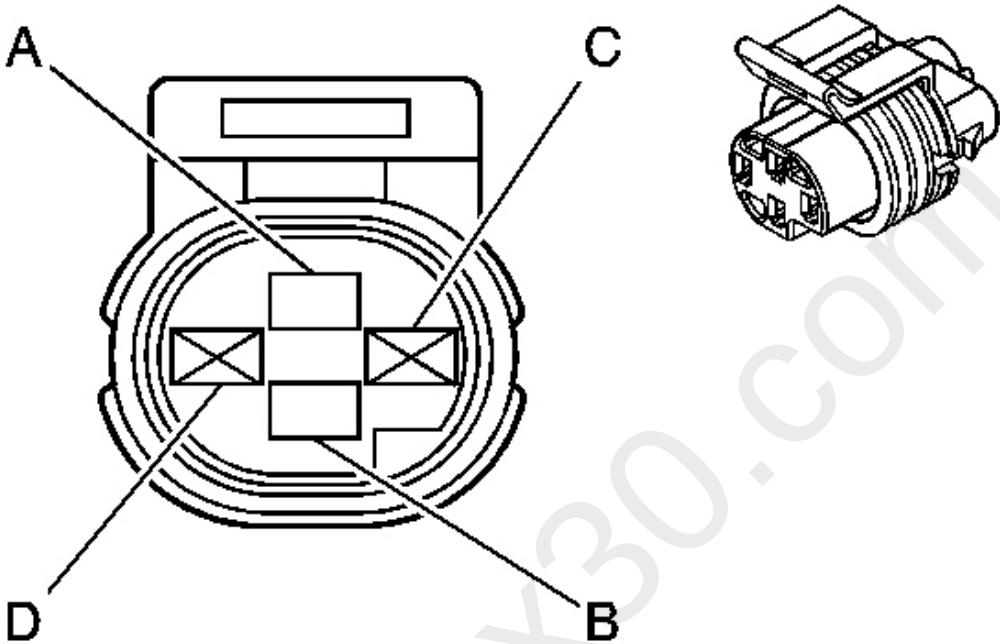


Fig. 44: B37 Engine Oil Pressure Switch (LF1)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information
• Harness: Engine • OEM Connector: 12065400 • Service Connector: 12126436 • Description: 4-Way F Metri-Pack 150 Series (GN)
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

B37 Engine Oil Pressure Switch (LF1)

Pin	Wire	Circuit	Function
A	0.5 TN/BK	231	Oil Pressure Switch Signal
B	0.5 TN	407	Low Reference
C-D	-	-	Not Available

B39 A/C EVAPORATOR TEMPERATURE SENSOR

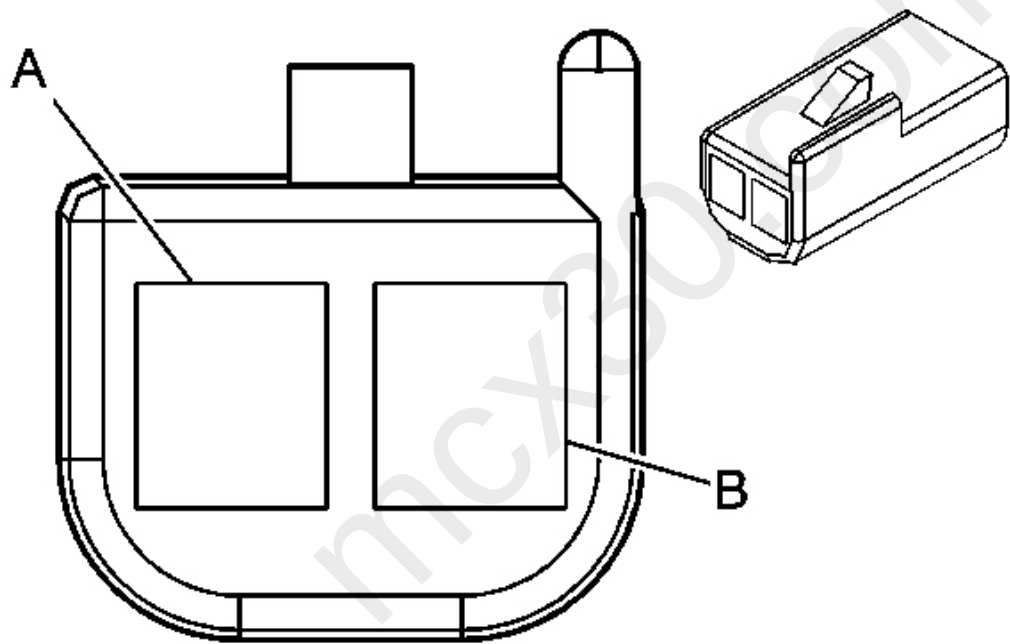


Fig. 45: B39 A/C Evaporator Temperature Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA HVAC
- 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

B39 A/C Evaporator Temperature Sensor

Pin	Wire	Circuit	Function
A	0.35 WH	2622	EVAP Core Temperature Sensor Signal
B	0.35 BK/WH	551	Low Reference

B46B FUEL LEVEL SENSOR - SECONDARY

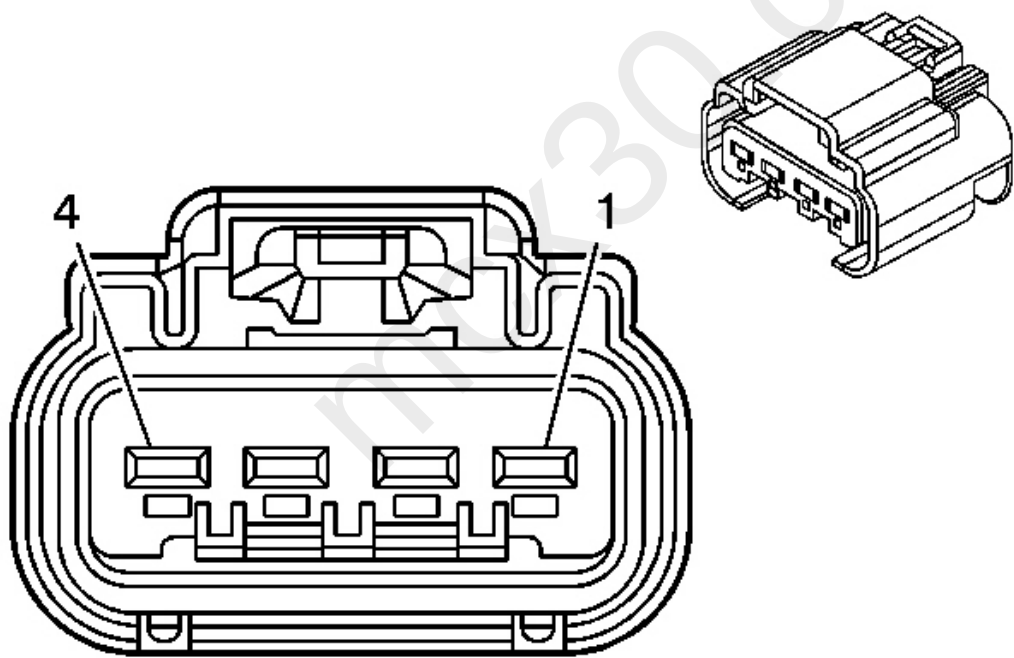


Fig. 46: B46B Fuel Level Sensor - Secondary
 Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: POA Fuel Tank
- OEM Connector: 88988992
- Service Connector: 19178173
- Description: 4-Way F GT 280 Series, Sealed (NA)

Terminal Part Information

- Terminated Lead: Service by Connector Assembly - 88988992
- Release Tool: Not Available
- Diagnostic Test Probe: Pending
- Terminal/Tray: Service by Connector Assembly - 88988992
- Core/Insulation Crimp: Not Available

B46B Fuel Level Sensor - Secondary

Pin	Wire	Circuit	Function
1-2	-	-	Not Used
3	0.35 BN/WH	6281	Sensor Low Reference
4	0.35 L-BU	1937	Secondary Fuel Level Sensor Signal

B47 FUEL PRESSURE SENSOR

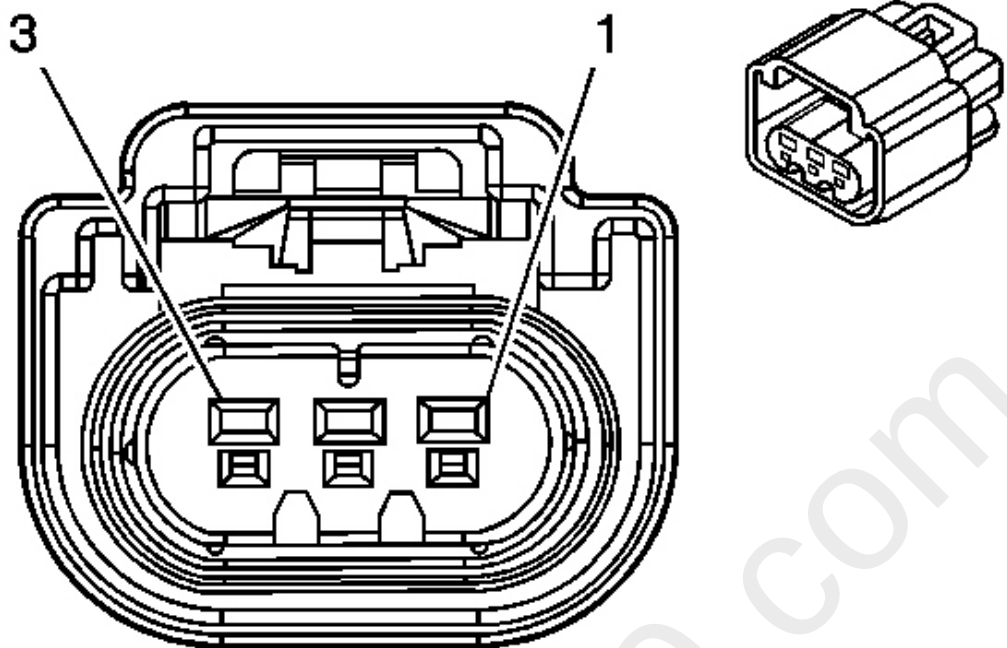


Fig. 47: B47 Fuel Pressure Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Body
- OEM Connector: 13511131
- Service Connector: 19168035
- 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

B47 Fuel Pressure Sensor

Pin	Wire	Circuit	Function
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1	0.35 PU	7446	Fuel Pressure Sensor Signal
2	0.35 GY	7447	Low Reference
3	0.35 BN	7445	5-Volt Reference

B47B FUEL RAIL PRESSURE SENSOR

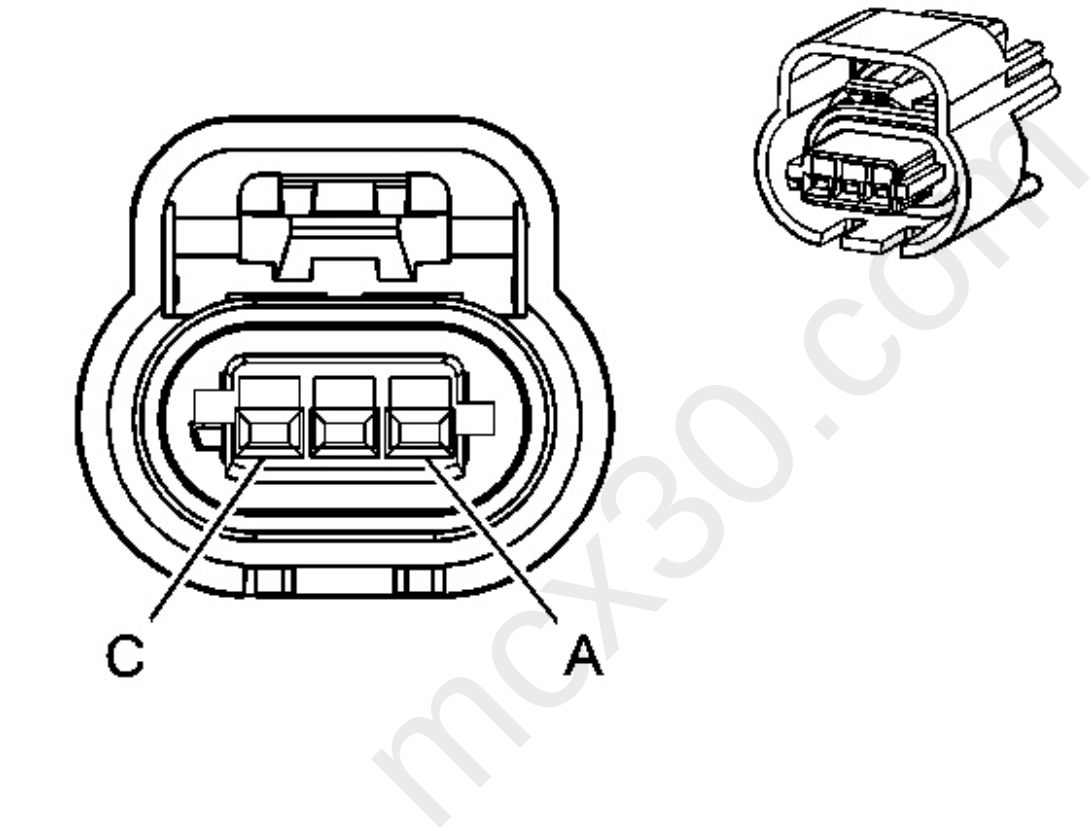


Fig. 48: B47B Fuel Rail Pressure Sensor
Courtesy of GENERAL MOTORS CORP.

Connector Part Information • Harness: POA Fuel Injector • OEM Connector: 15326556 • Service Connector: 88953359 • Description: 3-Way F GT 150 Series, Sealed (BK) Terminal Part Information • Terminated Lead: Pending
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- Release Tool: 15315247
- Diagnostic Test Probe: J-35616-2A (GY)
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4

B47B Fuel Rail Pressure Sensor

Pin	Wire	Circuit	Function
A	0.5 GY	598	5 Volt 1 Reference
B	0.5 YE	2918	Fuel Rail Pressure Sensor Signal
C	0.5 TN	808	Sensor Low Reference

B52A HEATED OXYGEN SENSOR 1 (LAF)

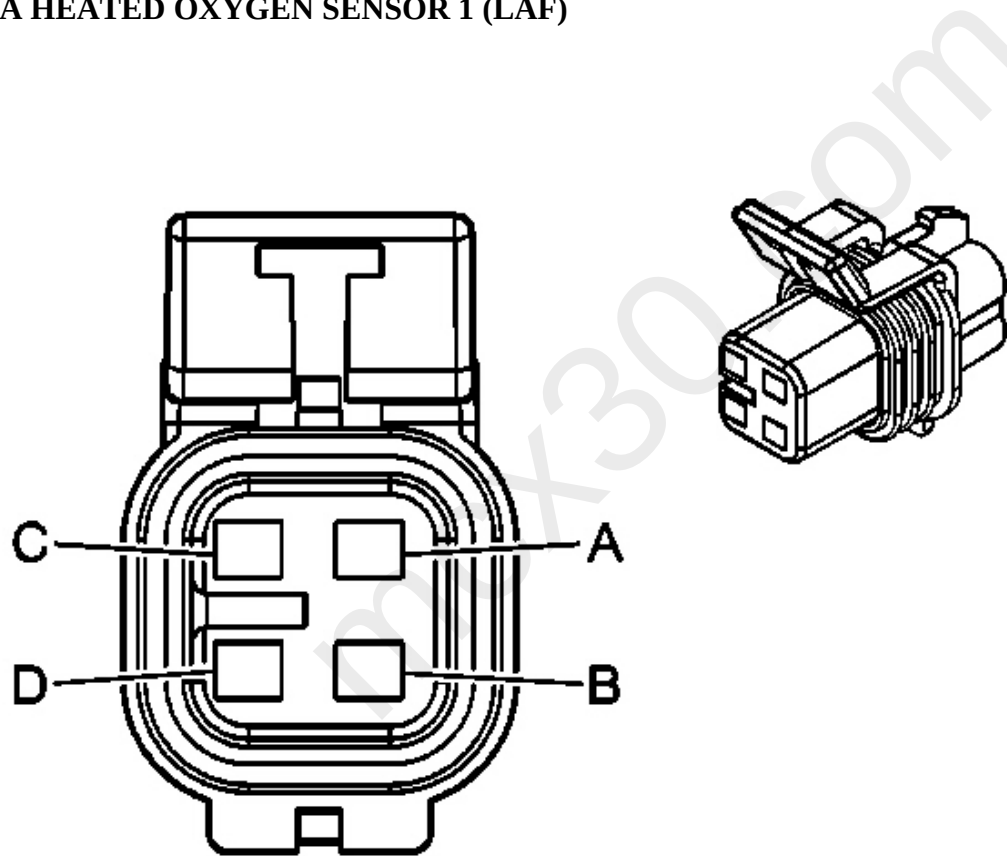


Fig. 49: B52A Heated Oxygen Sensor 1 (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine

- OEM Connector: 12160482
- Service Connector: 88988598
- Description: 4-Way F Metri-Pack 150 Series, Sealed (BK)

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

B52A Heated Oxygen Sensor 1 (LAF)

Pin	Wire	Circuit	Function
A	0.5 TN/WH	3111	HO2S Low Reference (Bank 1 Sensor 1)
B	0.5 PU/WH	3110	HO2S Reference Voltage (Bank 1 Sensor 1)
C	0.5 GY/WH	3113	HO2S Heater Low Control (Bank 1 Sensor 1)
D	0.5 PK/BK	5293	Ignition Voltage

B52B HEATED OXYGEN SENSOR 2 (LAF)

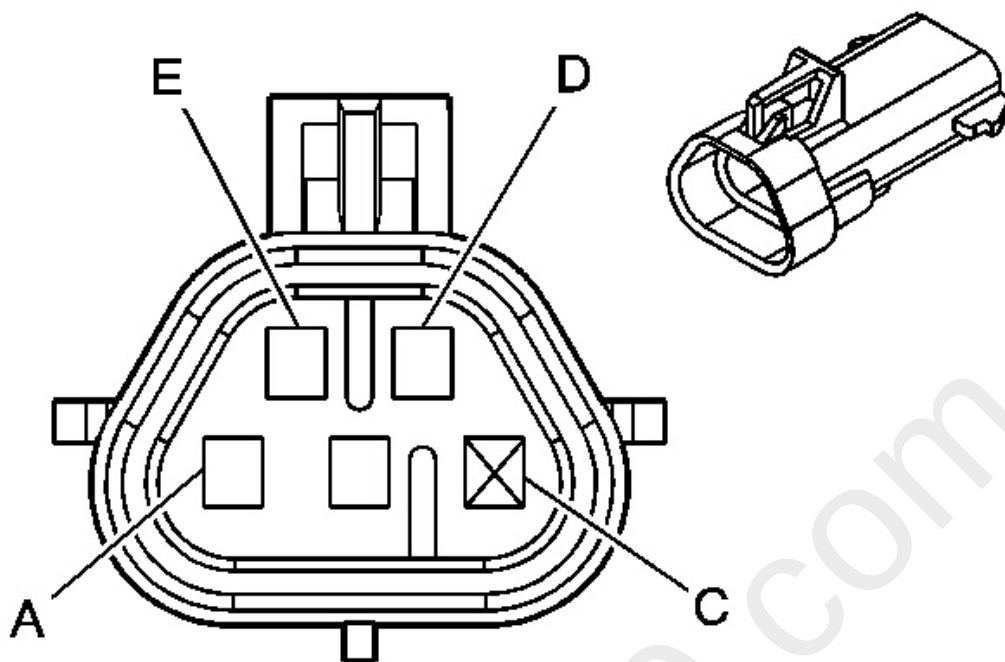


Fig. 50: B52B Heated Oxygen Sensor 2 (LAF)
Courtesy of GENERAL MOTORS CORP.

Connector Part Information

- Harness: Engine
- OEM Connector: 12092840
- Service Connector: 15306311
- Description: 5-Way M Metri-Pack 150 Series, Sealed (GY)

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

B52B Heated Oxygen Sensor 2 (LAF)

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	5293	Ignition Voltage
E	0.5 GY/WH	3122	HO2S Heater Low Control (Bank 2 Sensor 1)

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