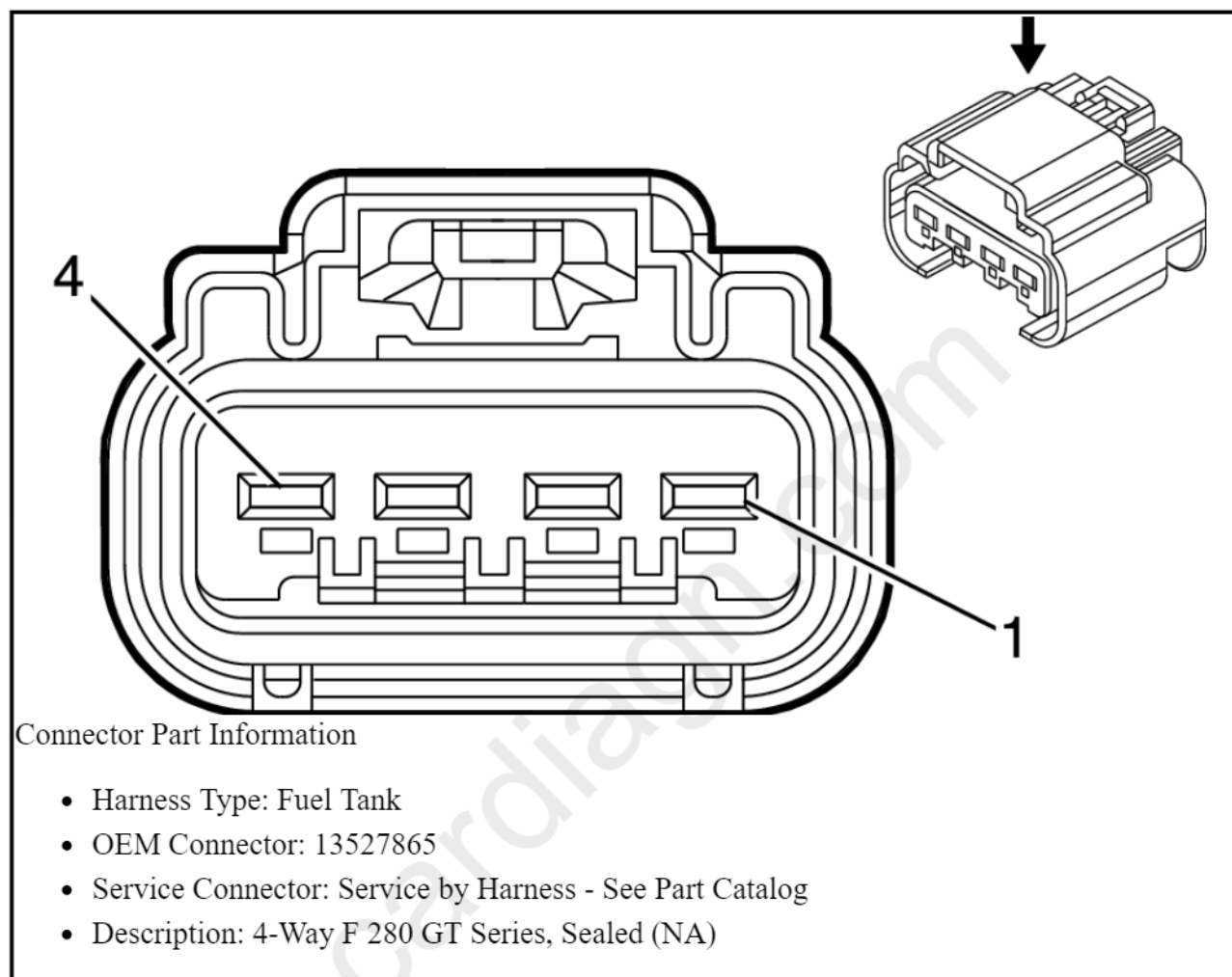


2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY

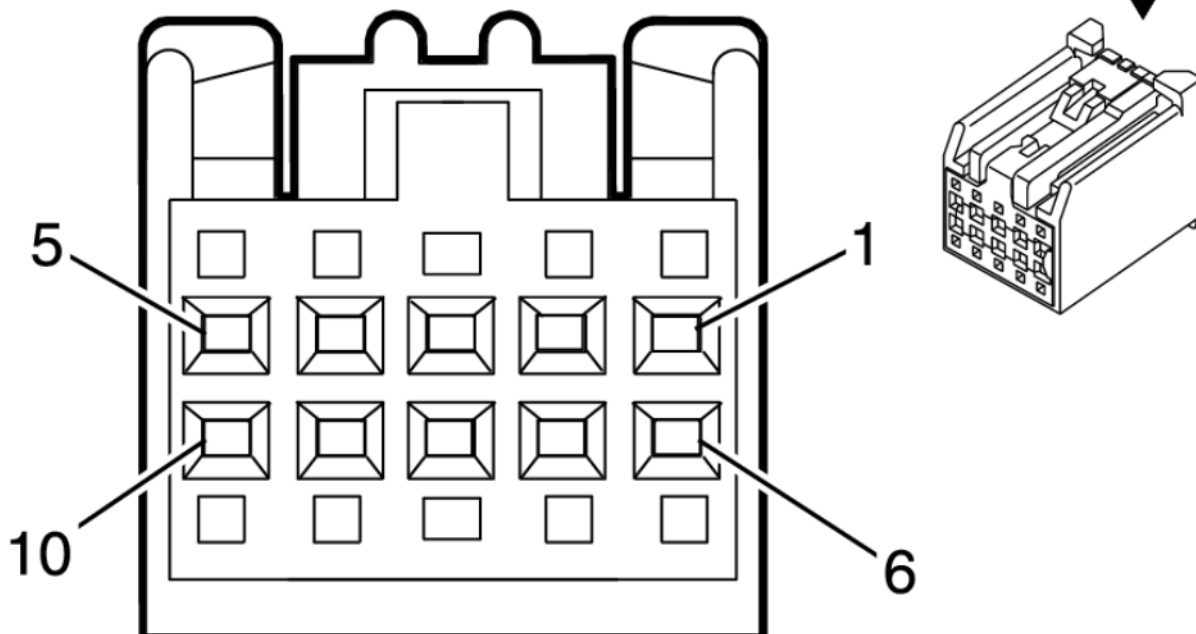


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	GY	120	Fuel Pump Control	I	-
2	2	BK/GN	1580	Fuel Pump Low Reference	I	-
3	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
4	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-

A10 INSIDE REARVIEW MIRROR



Connector Part Information

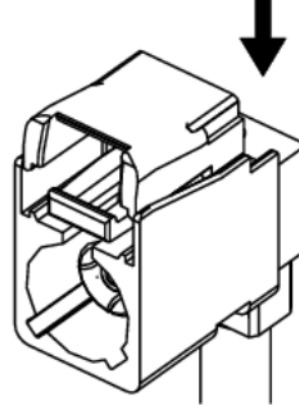
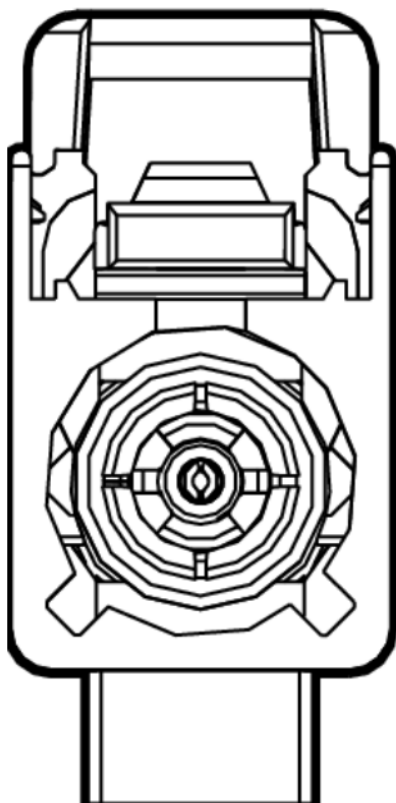
- Harness Type: Body
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
III	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	24	Backup Lamp Control	III	-
2	0.35	VT/BK	339	Run/Crank Ignition 1 Voltage	III	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	850	Ground	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.13	BK	1691	Automatic Day/Night Mirror Low Reference	II	-
9	0.13	YE	1690	Automatic Day/Night Mirror Signal	II	-
10	-	-	-	Not Occupied	-	-

A11 RADIO X7



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13787218
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (CU)

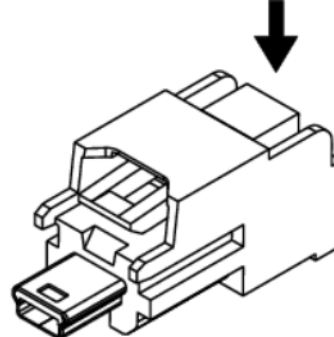
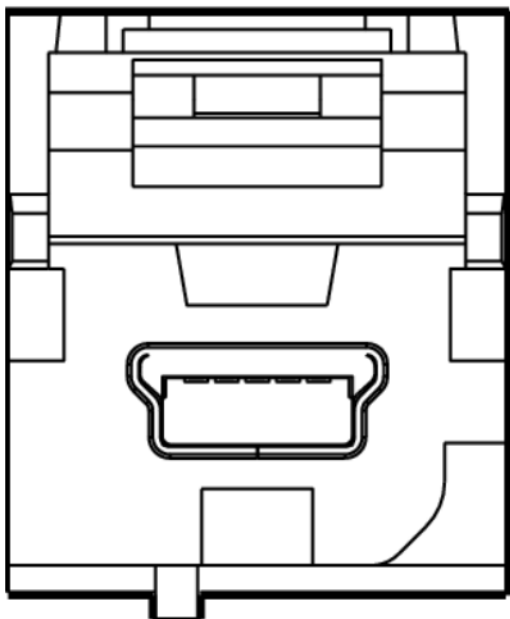
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

A11 RADIO X8





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13584771
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BN)

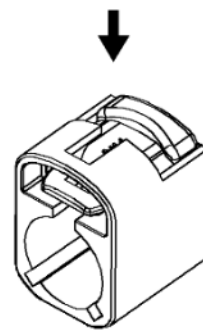
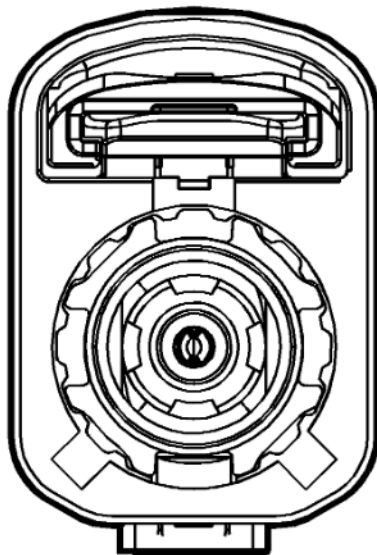
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

A11 RADIO X6





Connector Part Information

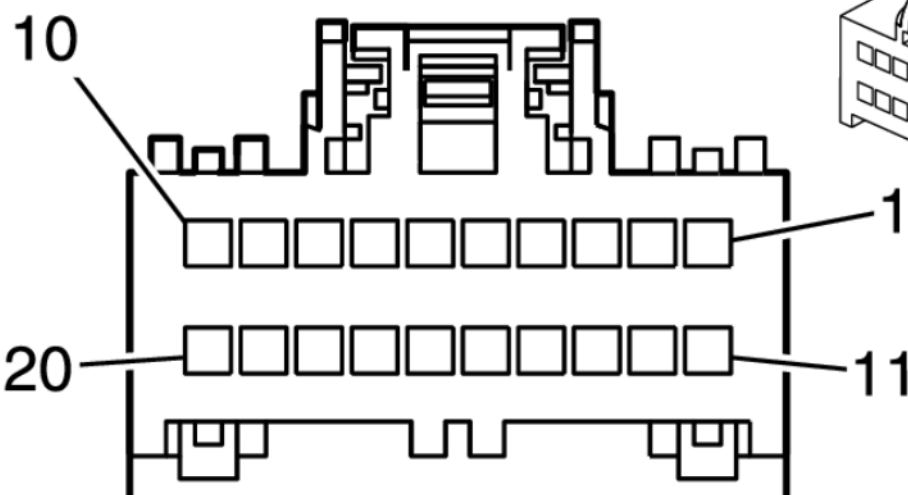
- Harness Type: Antenna COAX
- OEM Connector: 12784961
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (YE)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

A11 RADIO X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13859758
- Service Connector: 15126710
- Description: 20-Way F USCAR 64 Series (GY)

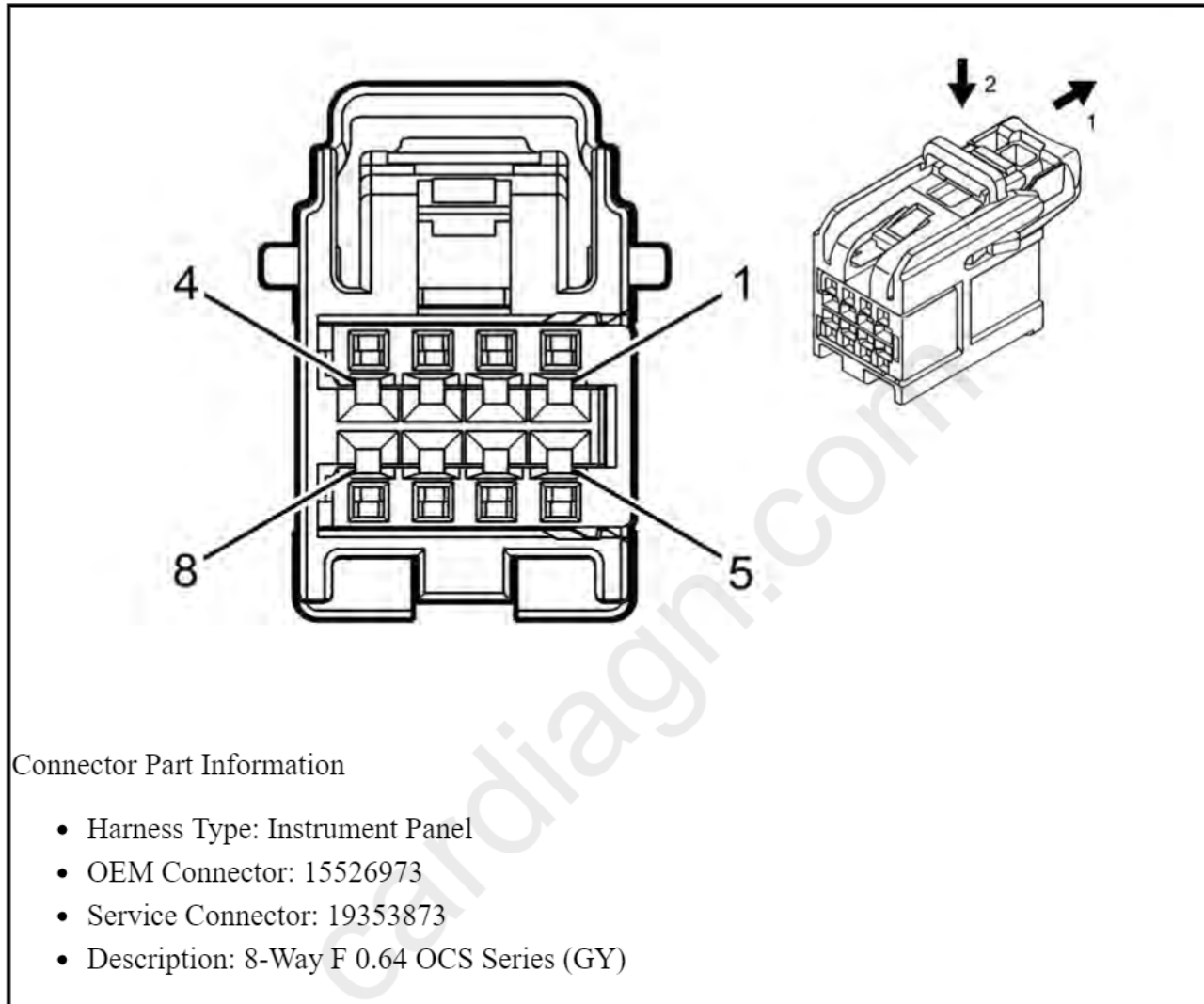
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13579945	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/VT	340	Battery Positive Voltage	II	-
2	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3 - 5	-	-	-	Not Occupied	-	-
6	0.35	BARE	5842	Auxiliary Audio Screen 2	I	-
7	0.35	BU	2060	Auxiliary Detection Signal	I	-
8	0.35	VT/WH	5843	Auxiliary Audio Common Signal	I	-
9	0.35	GY/WH	5839	Left Auxiliary Audio Signal 2	I	-
10	0.35	GN/WH	5841	Right Auxiliary Audio Signal 2	I	-
11	0.5	BK	1750	Ground	I	-
12	-	-	-	Not Occupied	-	-
13	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
14	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	GN/WH	6764	Display Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
17	0.35	YE/WH	7001	Remote Radio Audio Ground	I	-
18	-	-	-	Not Occupied	-	-
19	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	-
20	0.35	YE	658	Cellular Telephone Voice Signal	I	-

A11 RADIO X2

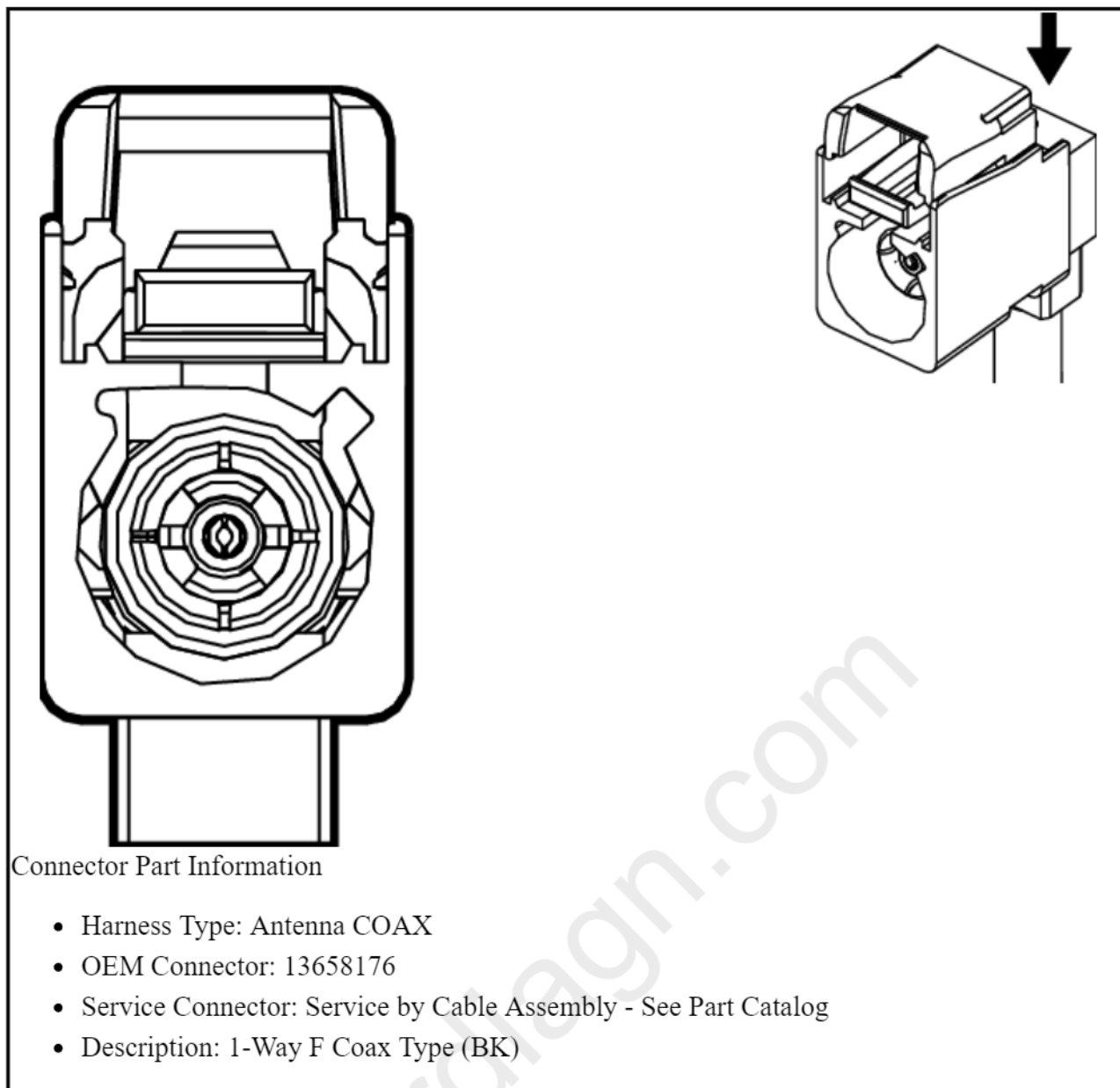


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
2	0.35	GY	3998	MOST Serial Data (+)	I	-
3	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
4	0.35	GY	3998	MOST Serial Data (+)	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	WH/VT	3999	MOST Control	I	-
8	-	-	-	Not Occupied	-	-

A11 RADIO X4



Connector Part Information

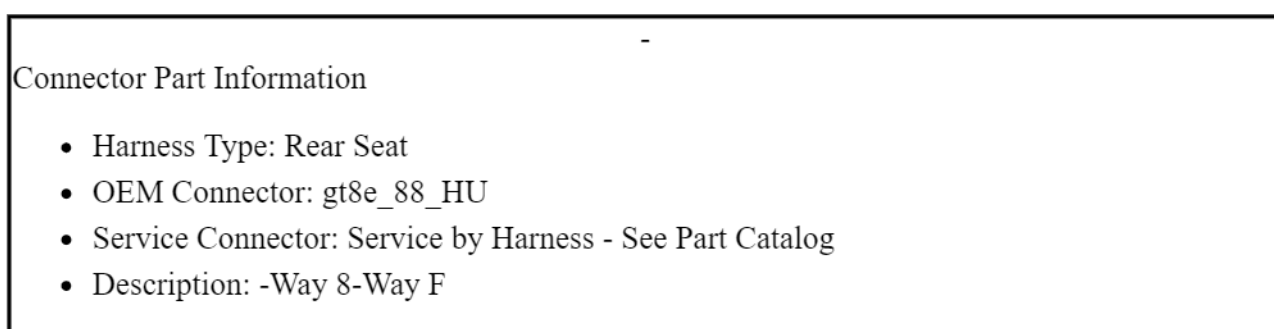
- Harness Type: Antenna COAX
- OEM Connector: 13658176
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

A13 REAR AUDIO CONTROL MODULE



Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: gt8e_88_HU
- Service Connector: Service by Harness - See Part Catalog
- Description: -Way 8-Way F

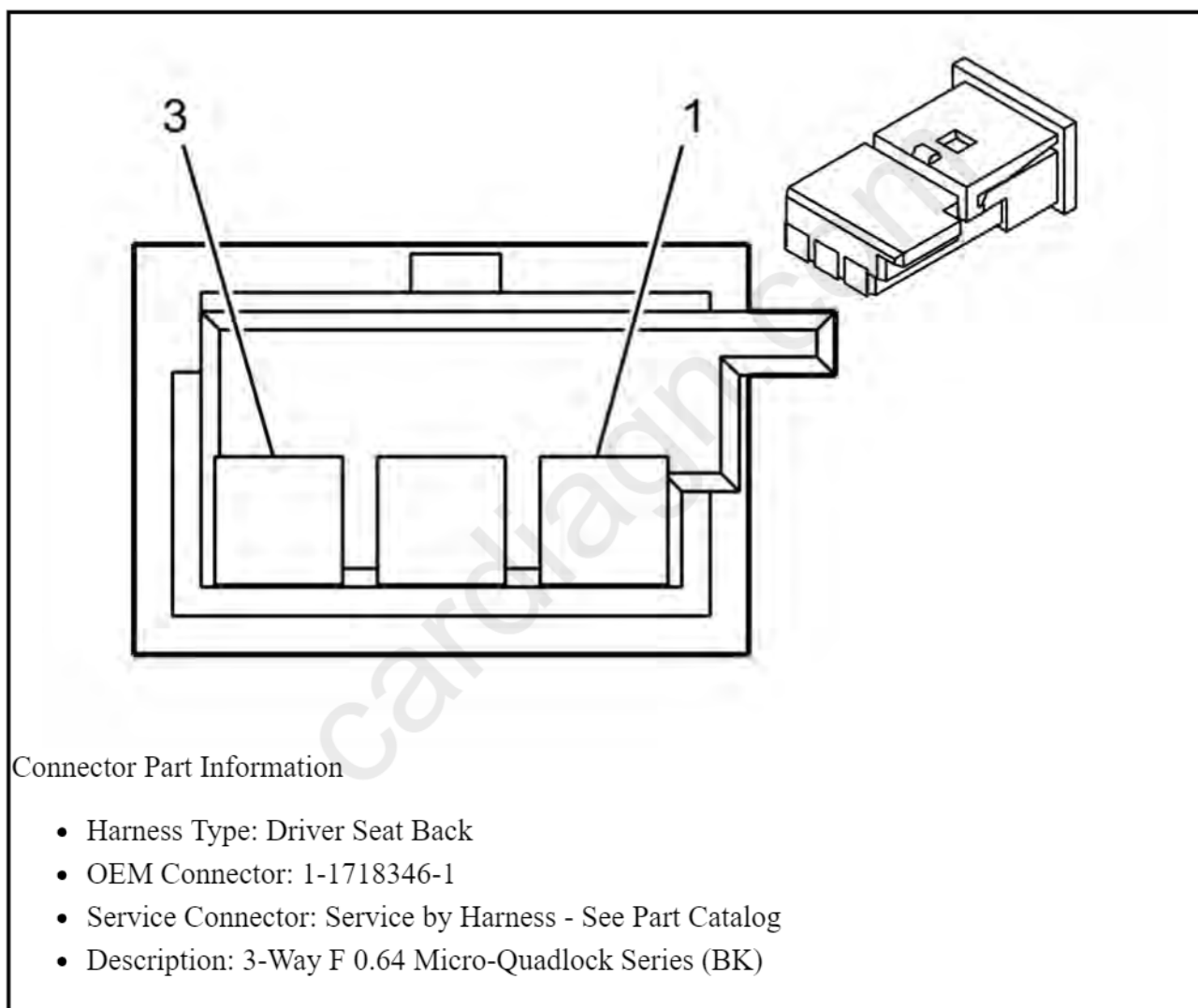
Terminal Part Information

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GN	1540	Battery Positive Voltage	I	-
2 - 5	-	-	-	Not Occupied	-	-
6	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	BK	2550	Ground	I	-

A14D SEAT LUMBAR SUPPORT PUMP - DRIVER



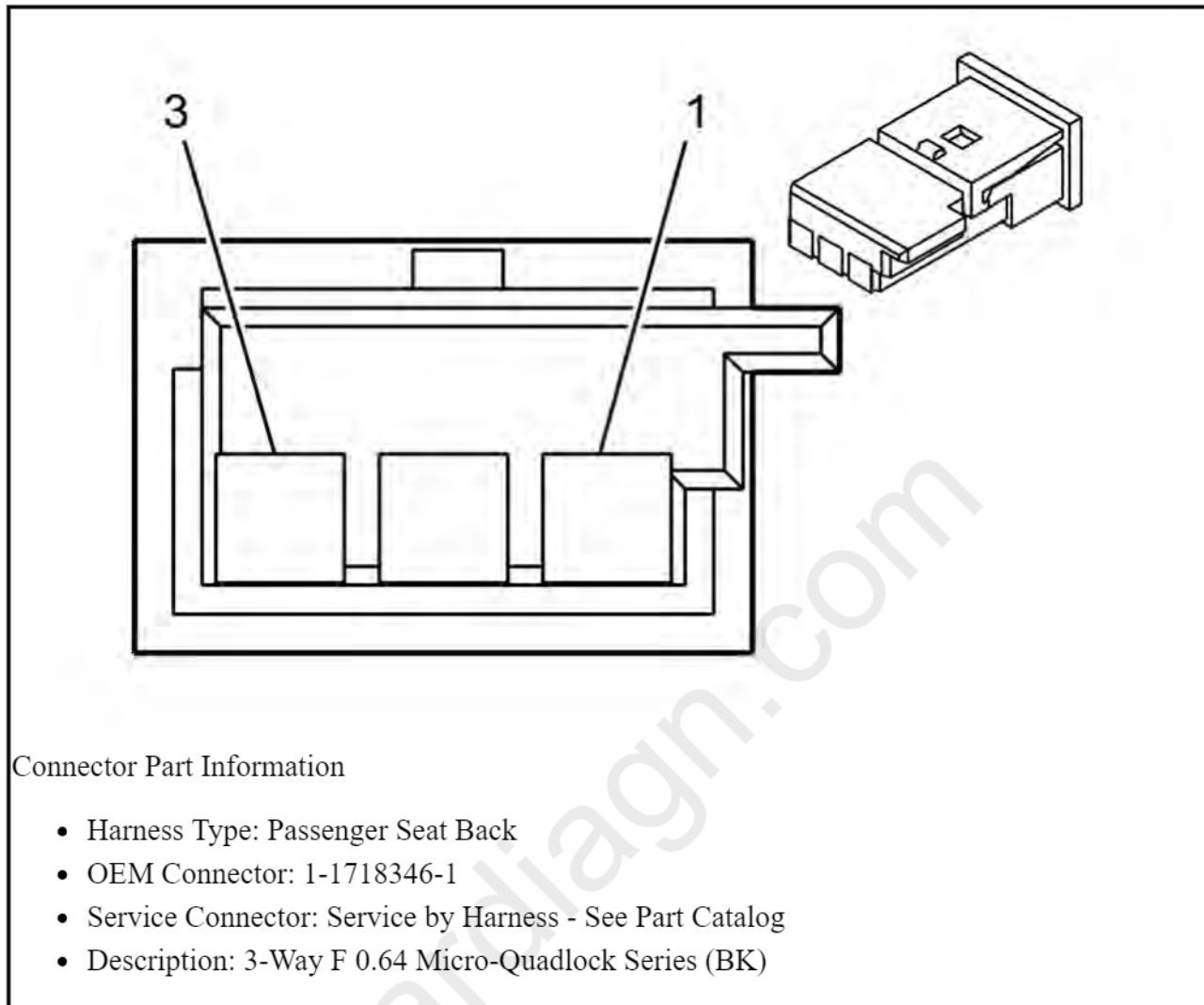
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.75	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-
3	0.75	BK	150	Ground	I	-

A14P SEAT LUMBAR SUPPORT PUMP - PASSENGER

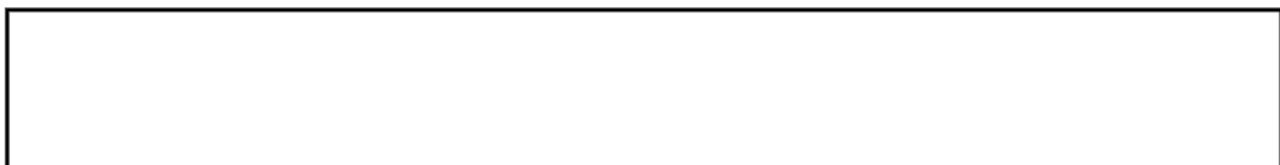


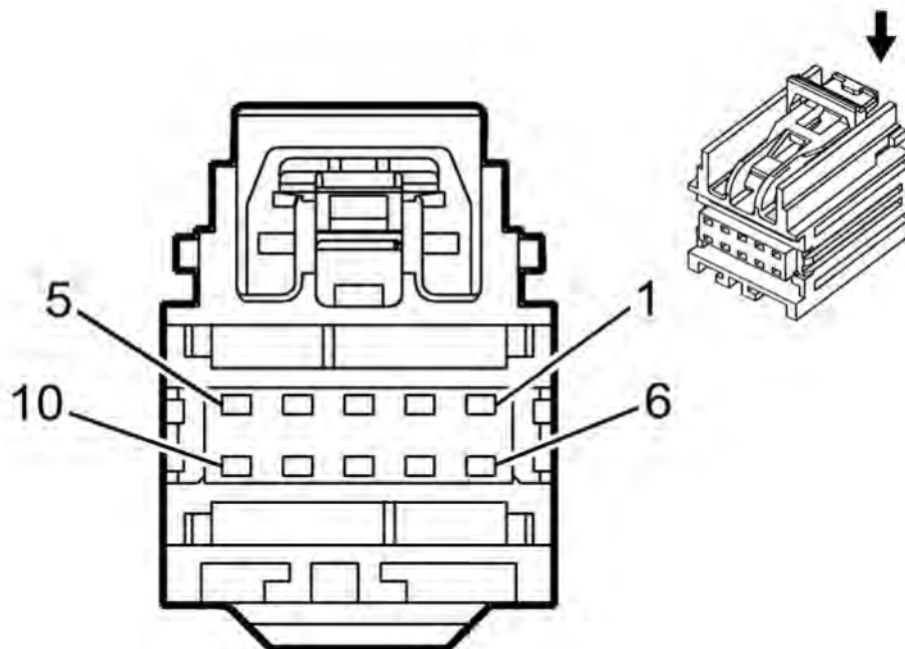
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-
2	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
3	0.75	BK	2050	Ground	I	-

A23D DOOR LATCH ASSEMBLY - DRIVER





Connector Part Information

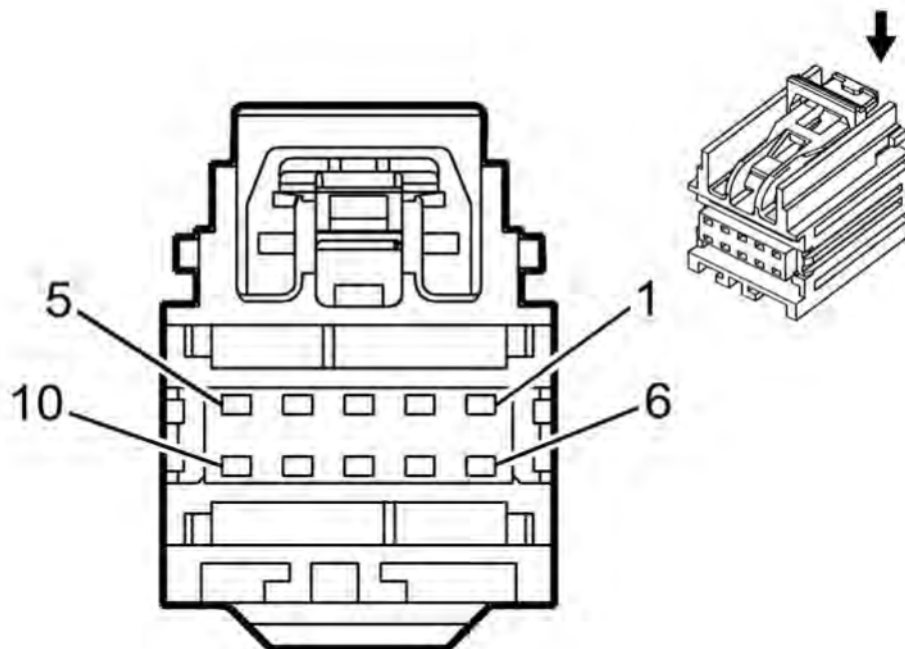
- Harness Type: Driver Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	745	Left Front Door Ajar Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BK	850	Ground	I	-
4	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
5	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.75	GY	5911	Door Lock Actuator Lock Control 2	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23LR DOOR LATCH ASSEMBLY - LEFT REAR



Connector Part Information

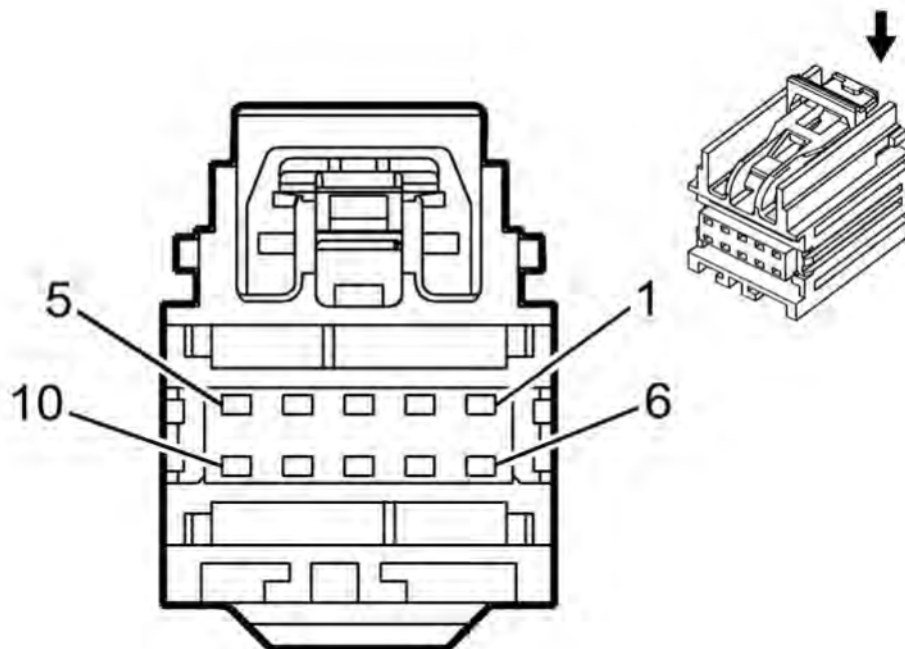
- Harness Type: Left Rear Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
2	0.35	BN/WH	3269	Child Security Lock Motor Status Signal Left Rear	I	-
3	0.35	BK	850	Ground	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.75	GY	295	Door Lock Actuator Lock Control	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	WH/BU	3266	Child Security Lock Motor Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A23P DOOR LATCH ASSEMBLY - PASSENGER



Connector Part Information

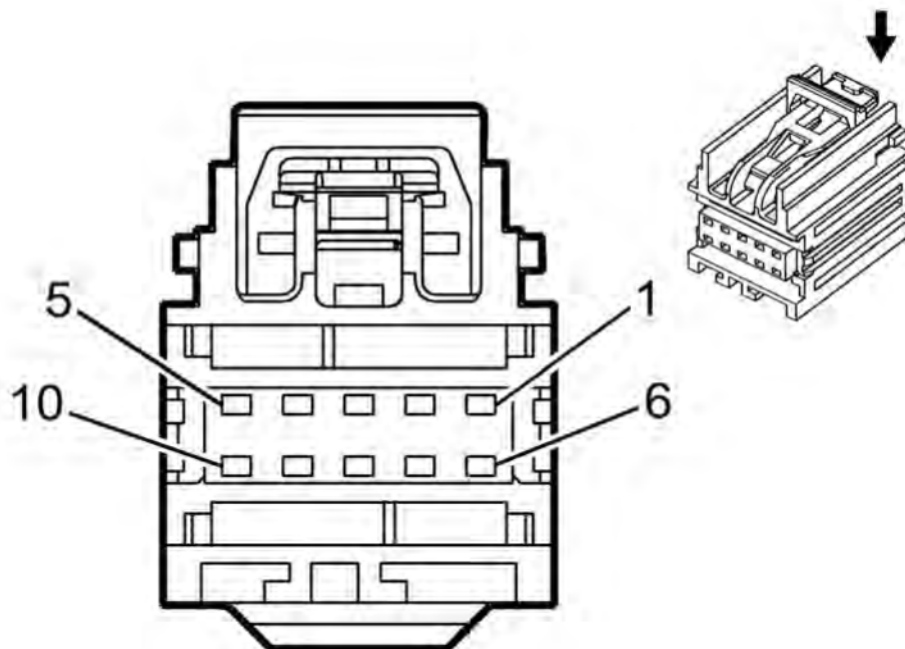
- Harness Type: Passenger Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK	2050	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	746	Right Front Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY/BN	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR



Connector Part Information

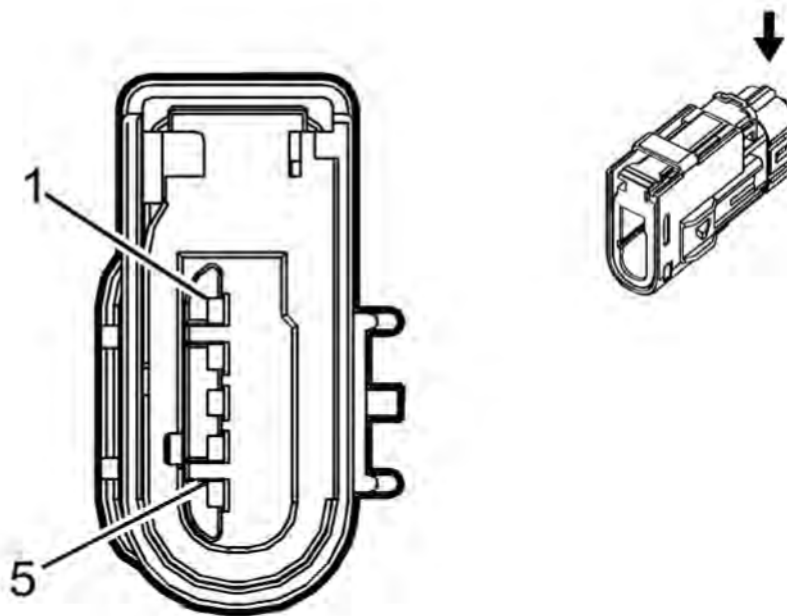
- Harness Type: Right Rear Door
- OEM Connector: 13576047
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK	2050	Ground	I	-
4	0.35	GY/BK	3268	Child Security Lock Motor Status Signal Right Rear	I	-
5	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.75	WH/BU	3266	Child Security Lock Motor Lock Control	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR



Connector Part Information

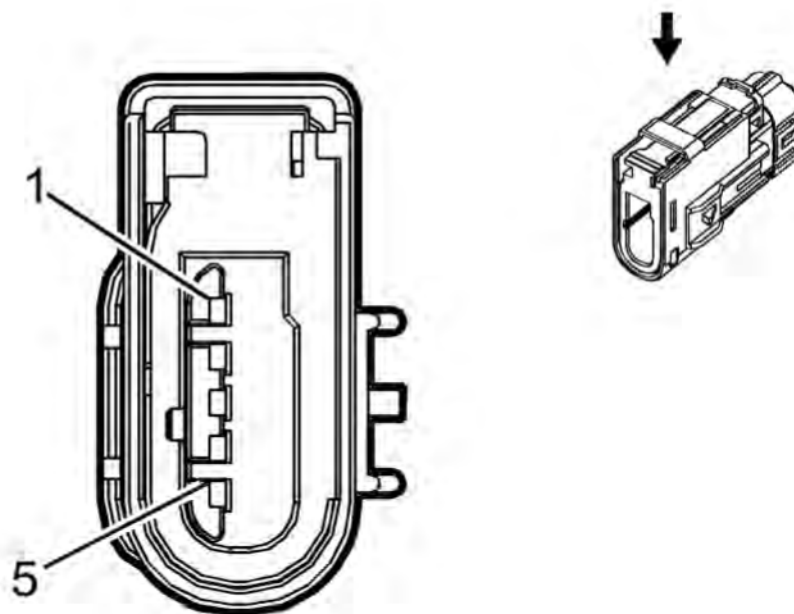
- Harness Type: Driver Door
- OEM Connector: 13915624
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	3570	Driver Door Handle Switch Signal	I	-
2	0.5	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
5	0.5	BK	850	Ground	I	-

A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

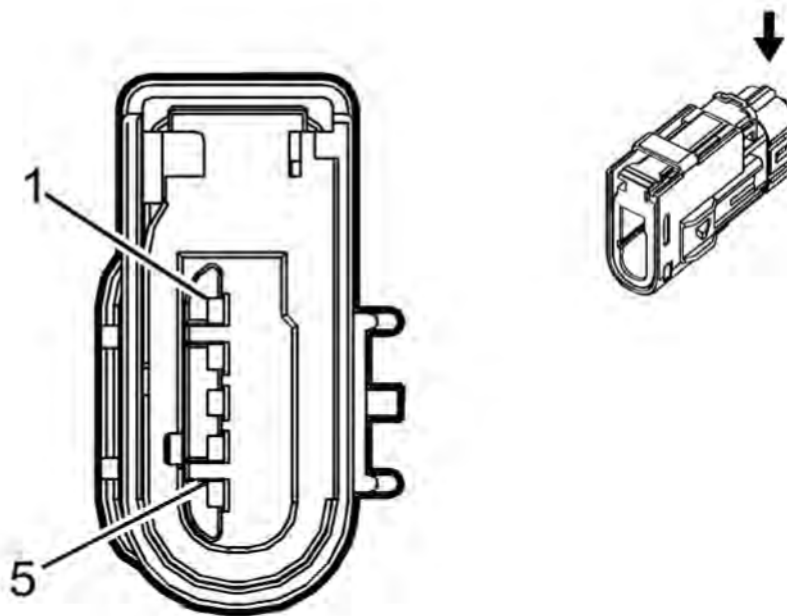
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	850	Ground	I	-

A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13915624
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

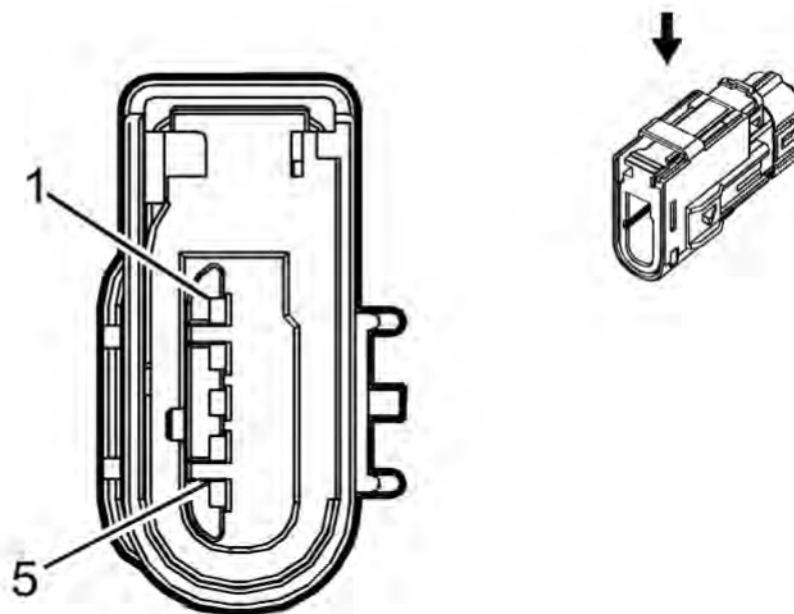
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2	0.5	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
5	0.5	BK	2050	Ground	I	-

A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR





Connector Part Information

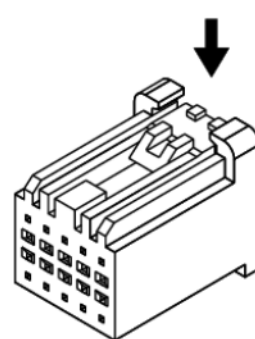
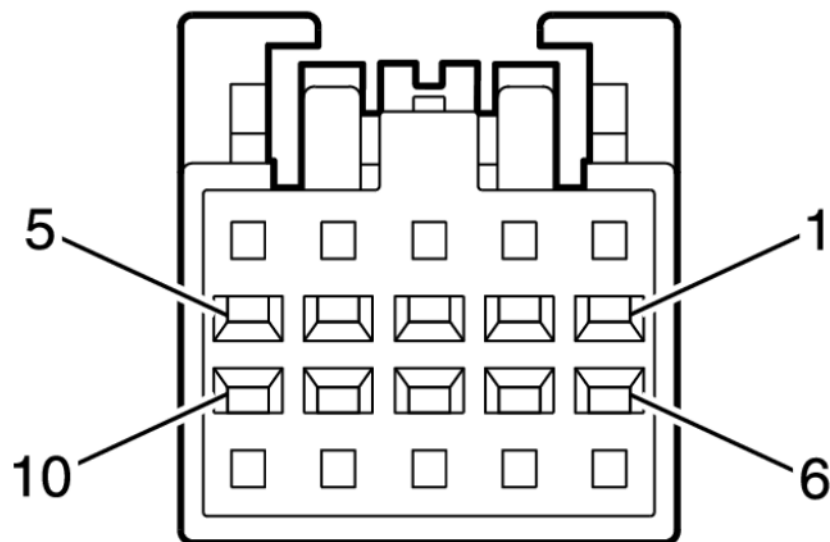
- Harness Type: Right Rear Door
- OEM Connector: 13915623
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	2050	Ground	I	-

A26 HVAC CONTROLS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13876499
- Service Connector: 13581139
- Description: 10-Way F 0.64 Kaizen Series (GY)

Terminal Part Information

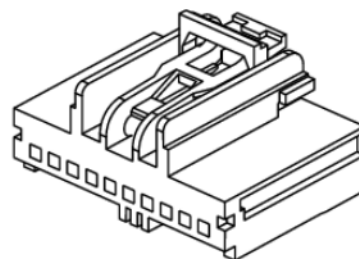
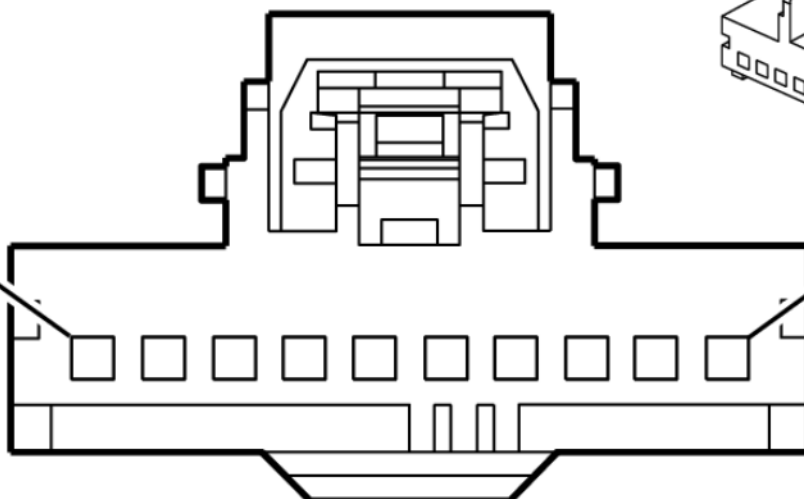
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3240	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4 - 8	-	-	-	Not Occupied	-	-
9	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
10	0.35	BK	1650	Ground	I	-

A33 MEDIA DISC PLAYER



10



Connector Part Information

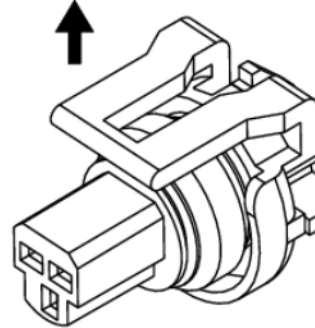
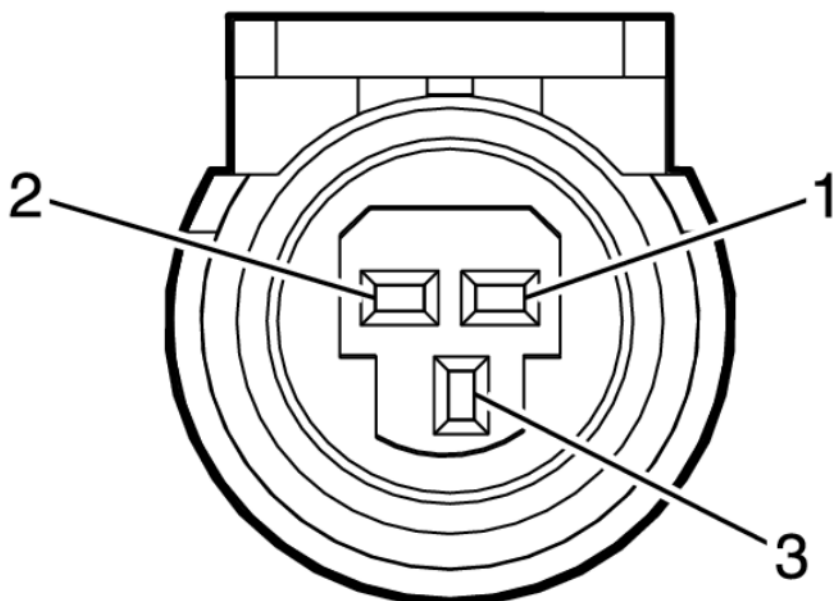
- Harness Type: Instrument Panel
- OEM Connector: 15490628
- Service Connector: 89047355
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	3999	MOST Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
4	0.35	GY	3998	MOST Serial Data (+)	I	-
5	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
6	0.35	GY	3998	MOST Serial Data (+)	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	BK	1750	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	RD/BU	3240	Battery Positive Voltage	I	-

B1 A/C REFRIGERANT PRESSURE SENSOR



Connector Part Information

- Harness Type: Cooling Fan
- OEM Connector: 13846842
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 GT Series, Sealed (BK)

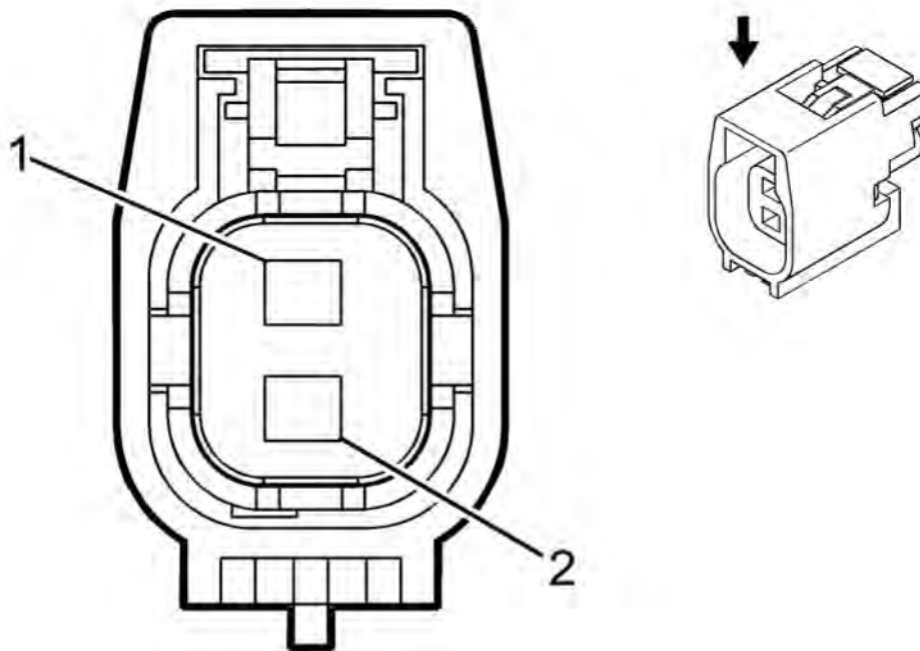
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B5LF WHEEL SPEED SENSOR - LEFT FRONT





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33211272
- Service Connector: 19333037
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

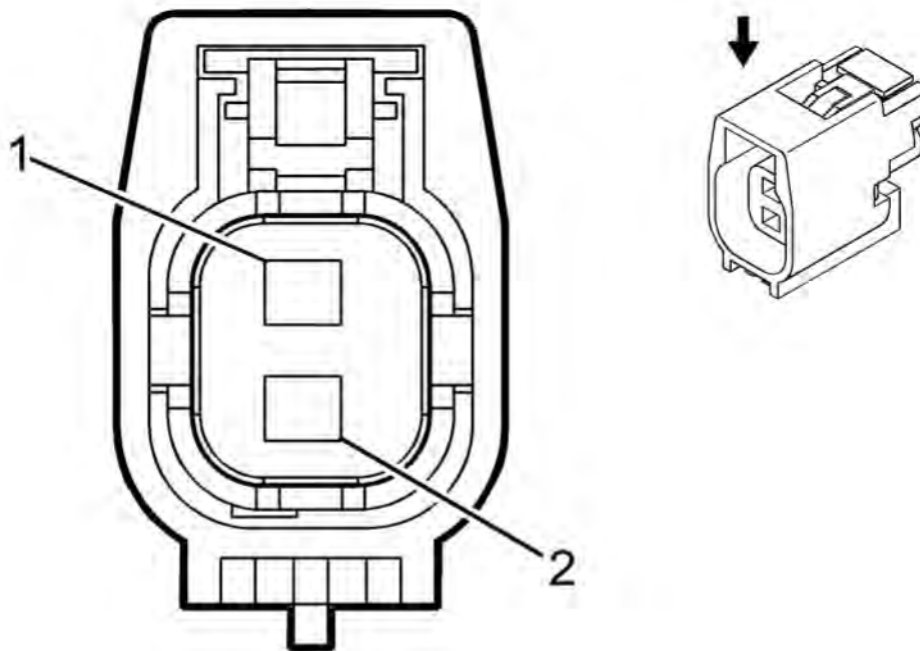
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B5LR WHEEL SPEED SENSOR - LEFT REAR

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Connector Part Information

- Harness Type: Body
- OEM Connector: 33211272
- Service Connector: 19333037
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

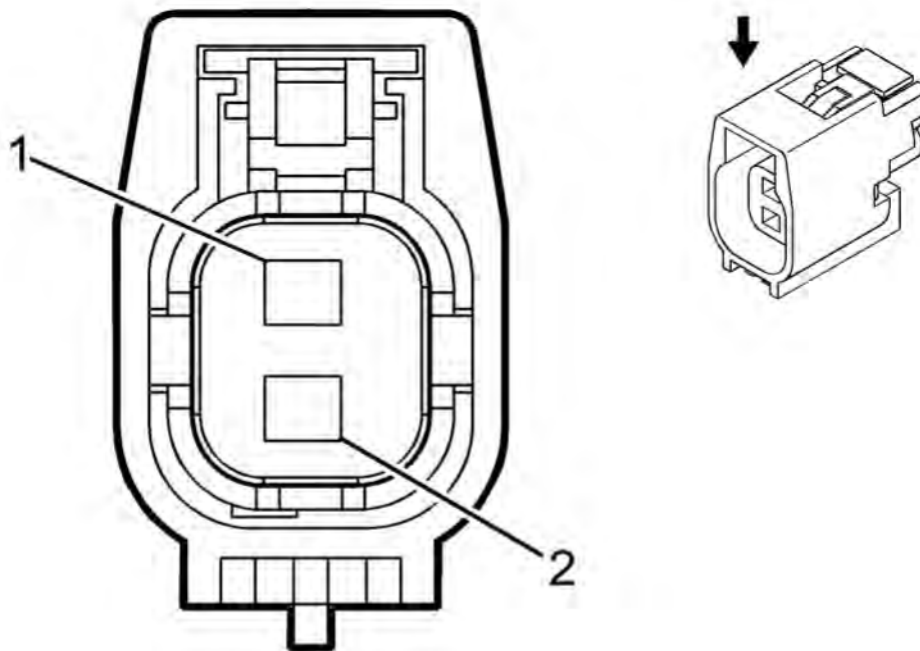
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B5RF WHEEL SPEED SENSOR - RIGHT FRONT





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33211272
- Service Connector: 19333037
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

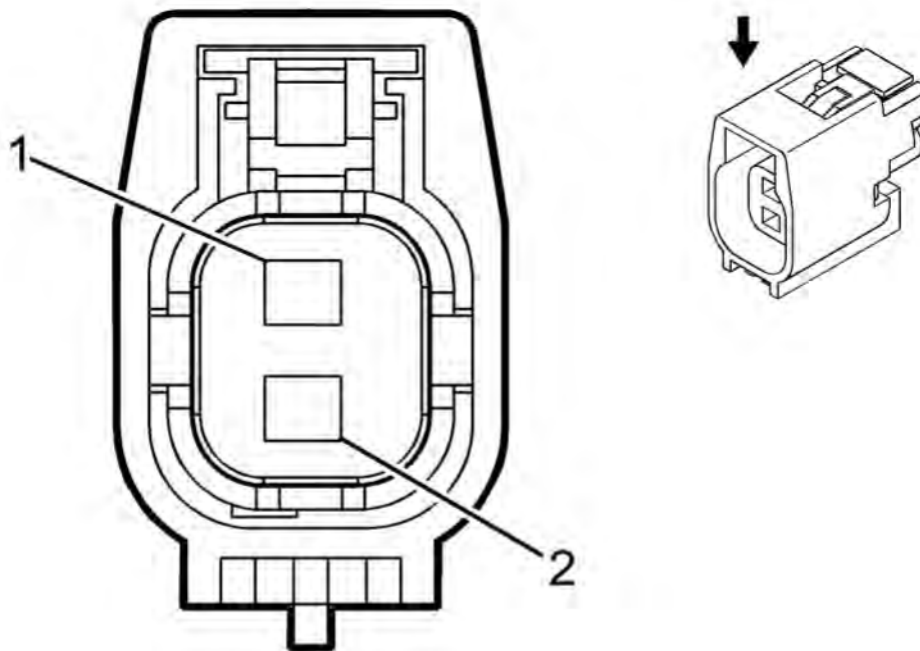
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	I	-
2	0.5	YE	872	Wheel Speed Sensor Signal Right Front	I	-

B5RR WHEEL SPEED SENSOR - RIGHT REAR

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Connector Part Information

- Harness Type: Body
- OEM Connector: 33211272
- Service Connector: 19333037
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

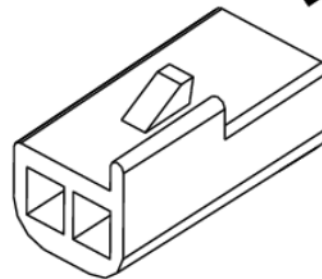
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	I	-
2	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	I	-

B7D AIR TEMPERATURE SENSOR - DUCT LEFT LOWER



A

B



Connector Part Information

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

Terminal Part Information

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

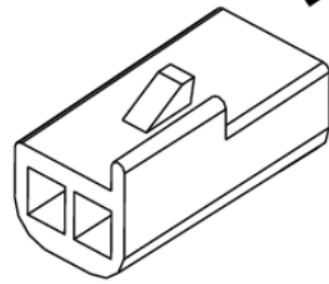
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	518	Lower Left Air Temperature Sensor Signal	I	-
B	0.35	BK/YE	407	Sensor Low Reference	I	-

B7E AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER



A

B



Connector Part Information

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

Terminal Part Information

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

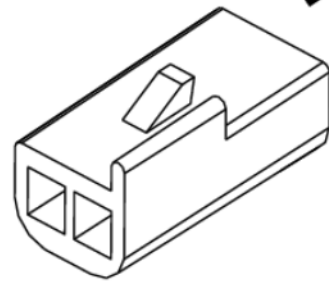
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	520	Lower Right Air Temperature Sensor Signal	I	-
B	0.35	BK	407	Sensor Low Reference	I	-

B7H AIR TEMPERATURE SENSOR - DUCT LEFT UPPER



A

B



Connector Part Information

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

Terminal Part Information

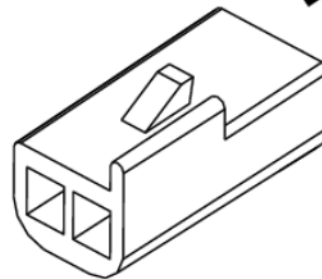
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	516	Upper Left Air Temperature Sensor Signal	I	-
B	0.35	BK/YE	407	Sensor Low Reference	I	-

B7J AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER

A

B



Connector Part Information

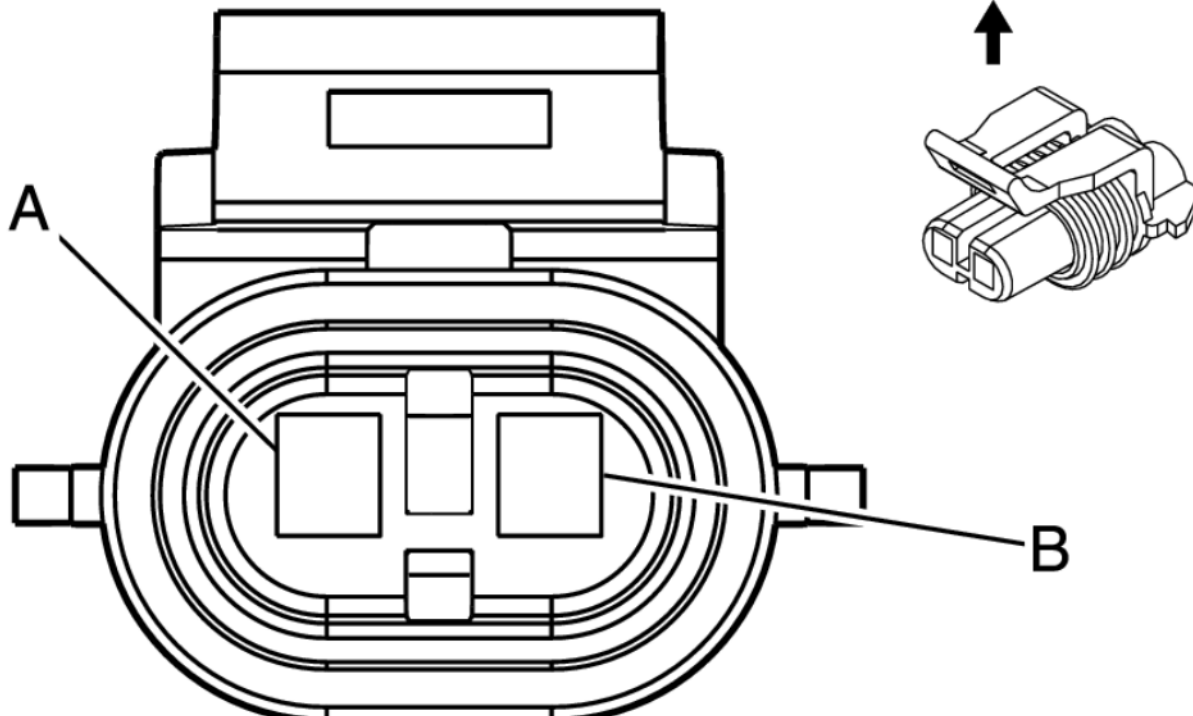
- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	517	Upper Right Air Temperature Sensor Signal	I	-
B	0.35	BK	407	Sensor Low Reference	I	-

B9 AMBIENT AIR TEMPERATURE SENSOR



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13543521
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series, Sealed (BK)

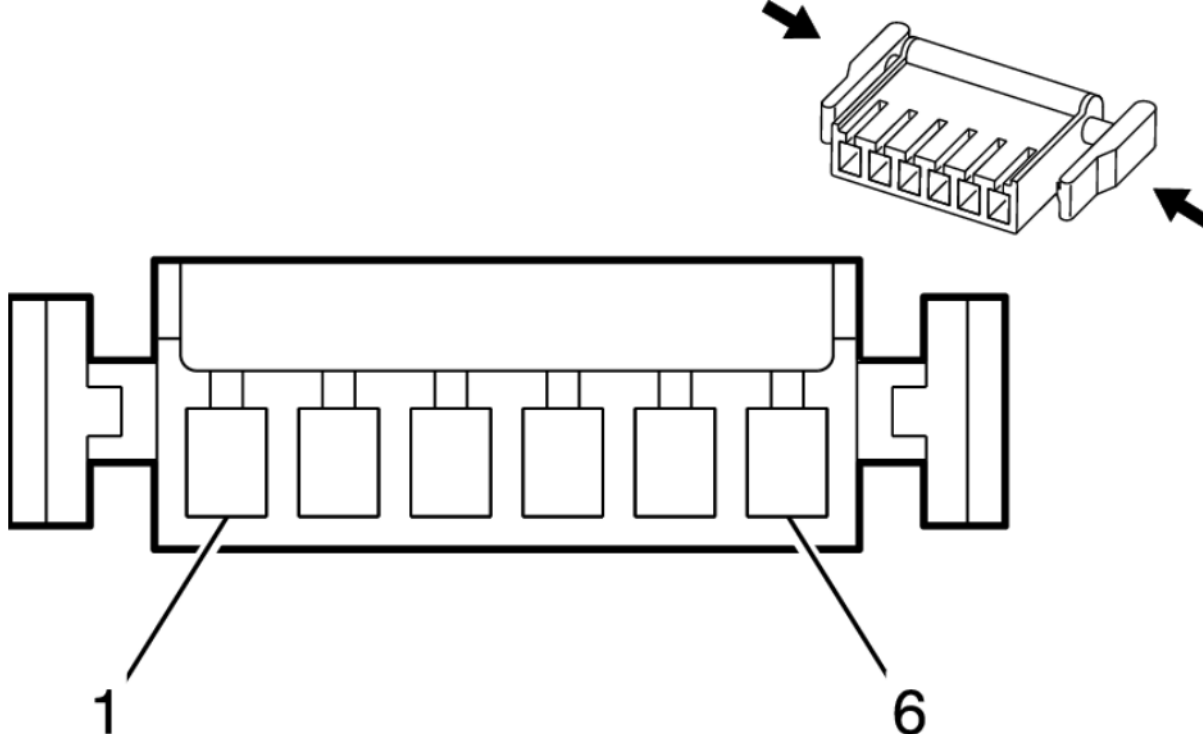
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
B	0.5	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-

B10B AMBIENT LIGHT/SUNLOAD SENSOR





Connector Part Information

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

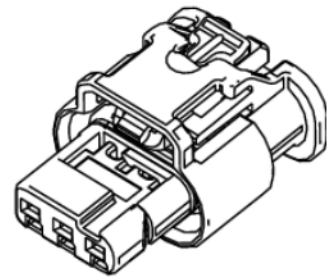
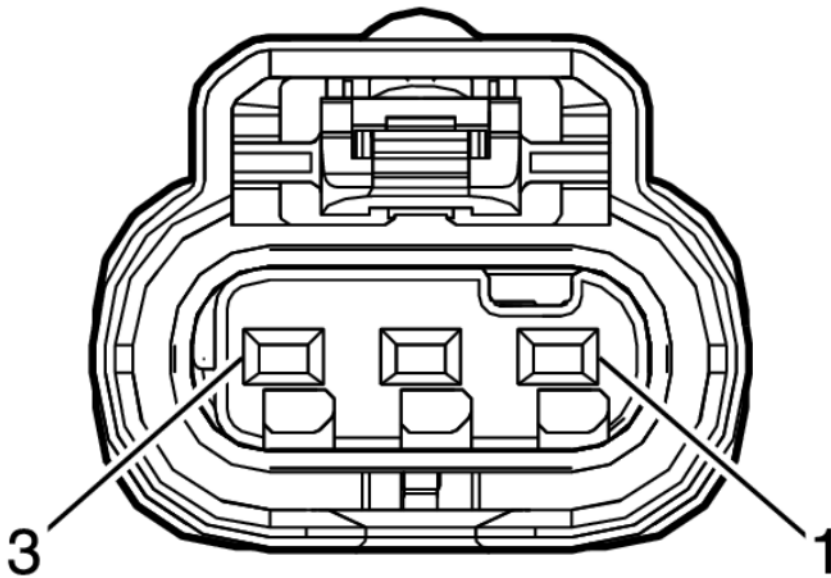
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	728	Security Indicator Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.13	WH	734	Inside Air Temperature Sensor Signal	I	-
4	0.13	GY	590	Solar Sensor Driver Signal	I	-
5	0.13	WH	278	Ambient Light Sensor Signal	I	-
6	0.35	BK/BN	6102	Inside Air Temperature Sensor Low Reference	I	-

B18 BATTERY CURRENT SENSOR (LCV)





Connector Part Information

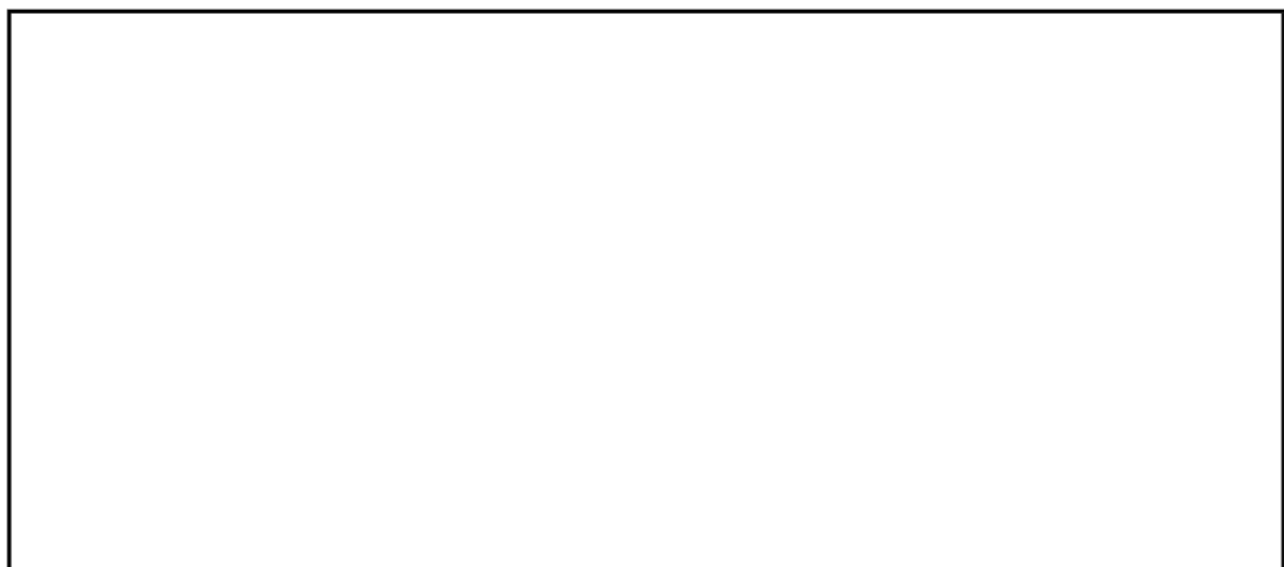
- Harness Type: Engine
- OEM Connector: 13884759
- Service Connector: 19330668
- Description: 3-Way F 1.2 MCP Series, Sealed (BK)

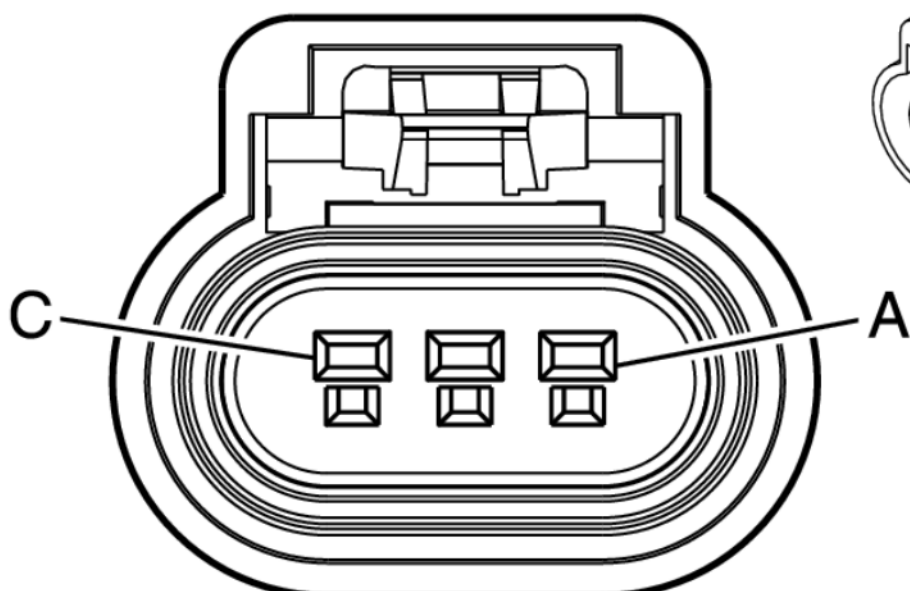
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/RD	2965	High Voltage Battery Current Sensor Voltage Reference	I	-
2	0.5	BK/GY	2963	High Voltage Battery Current Sensor Low Reference	I	-
3	0.5	BU/YE	2962	High Voltage Battery Current Sensor Course Signal	I	-

B18 BATTERY CURRENT SENSOR (LFX/LFR)





Connector Part Information

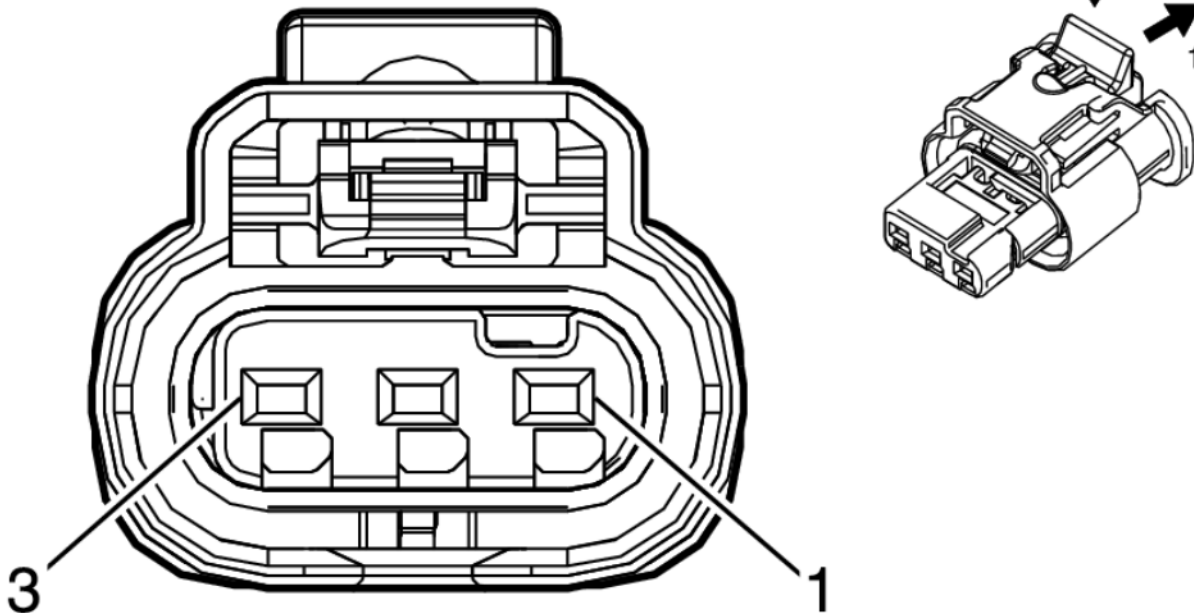
- Harness Type: Body
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/VT	5076	Current Sensor Control	I	-
B	0.35	BK/VT	5077	Current Sensor Low Reference	I	-
C	0.35	WH/YE	5075	Current Sensor Signal	I	-

B19B BRAKE BOOSTER VACUUM SENSOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 33176362
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

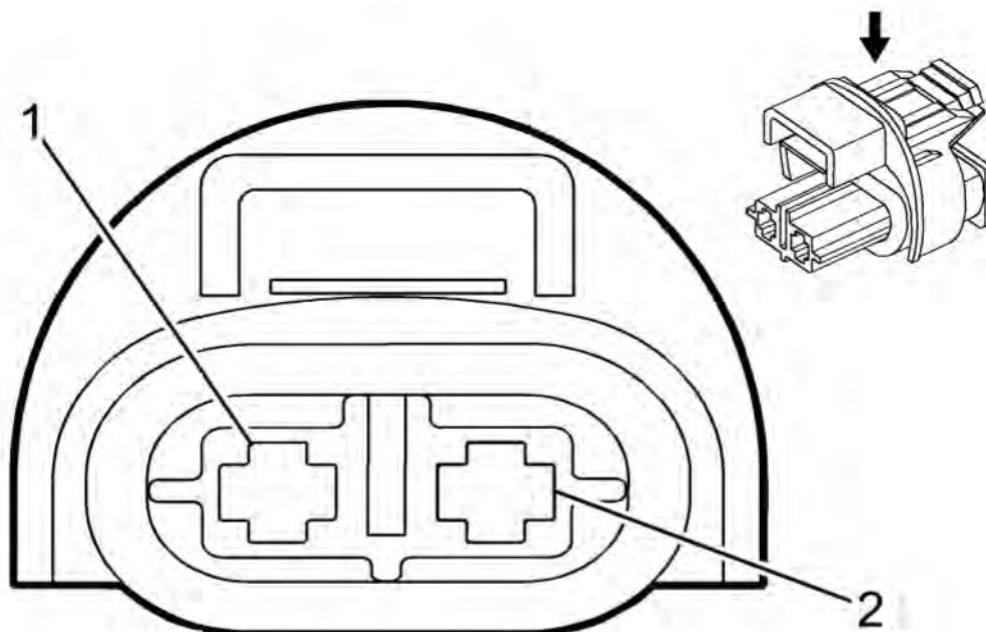
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B20 BRAKE FLUID LEVEL SWITCH





Connector Part Information

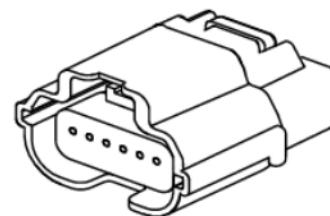
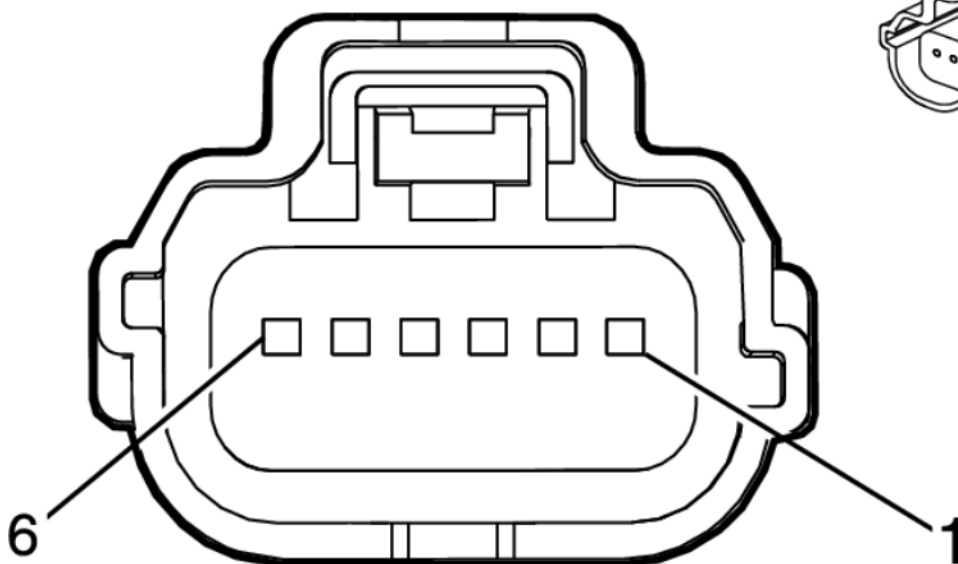
- Harness Type: Body
- OEM Connector: 13548105
- Service Connector: 13585855
- Description: 2-Way F 1.2 Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	I	-
2	0.5	BK	2150	Ground	I	-

B22 BRAKE PEDAL POSITION SENSOR



Connector Part Information

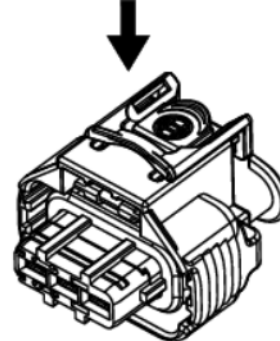
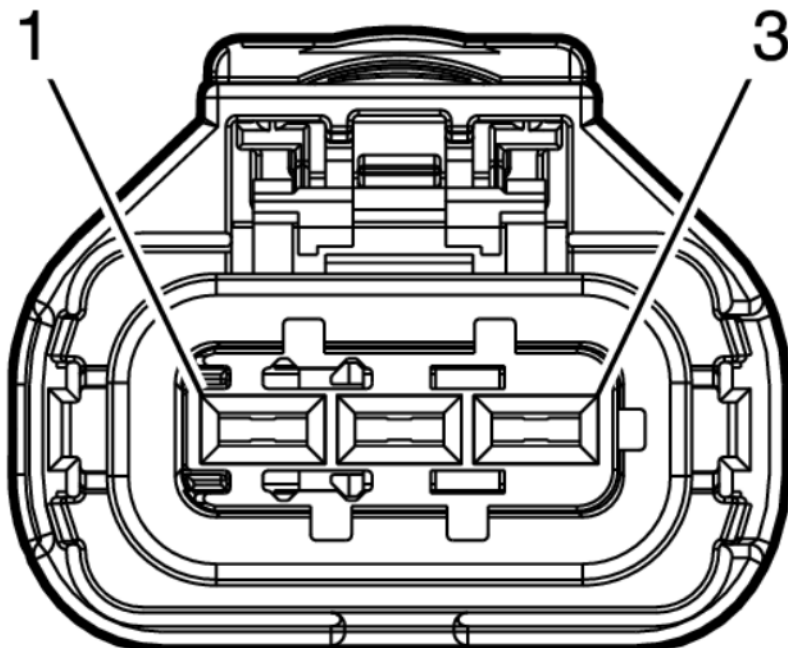
- Harness Type: Instrument Panel
- OEM Connector: 13893502
- Service Connector: 19356496
- Description: 6-Way F 64 Series, Sealed (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
2	0.5	WH	5359	Brake Apply Sensor Control	I	-
3	0.5	BU/YE	5361	Brake Apply Sensor Signal	I	-
4	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-
5	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-
6	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-

B23A CAMSHAFT POSITION SENSOR - BANK 1 EXHAUST (LFR/LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13931682
- Service Connector: 19330817
- Description: 3-Way F 2.8 Series, Sealed (BK)

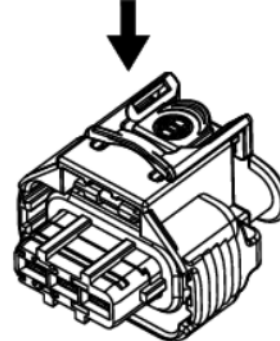
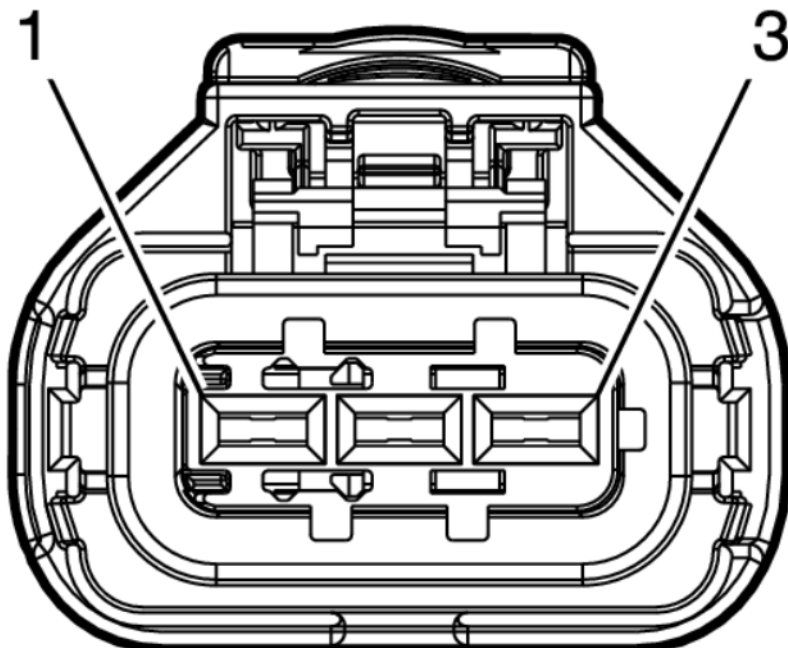
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B23B CAMSHAFT POSITION SENSOR - BANK 1 INTAKE





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13931682
- Service Connector: 19330817
- Description: 3-Way F 2.8 Series, Sealed (BK)

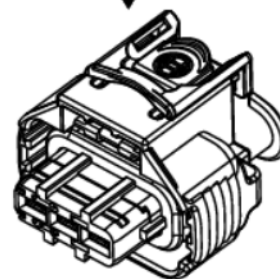
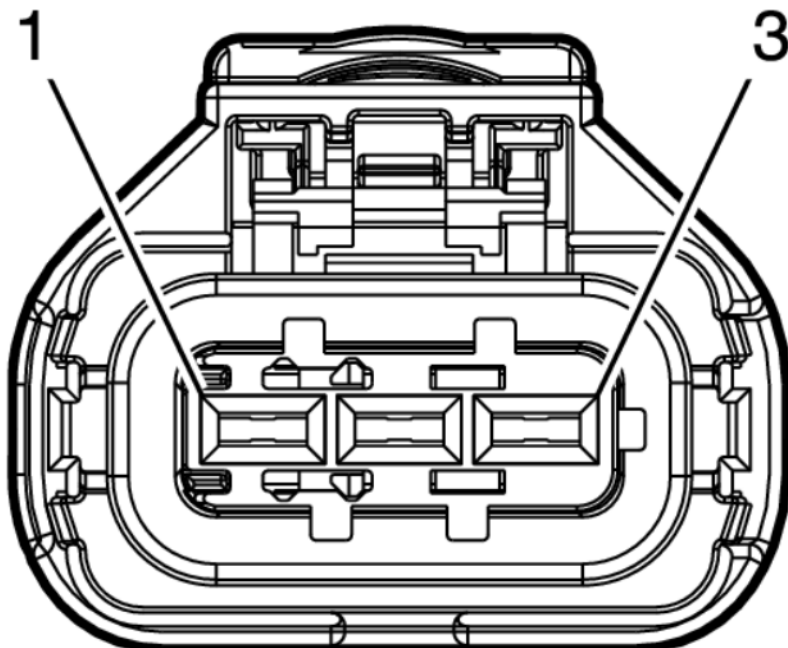
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
2	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
3	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-

B23C CAMSHAFT POSITION SENSOR - BANK 2 EXHAUST





Connector Part Information

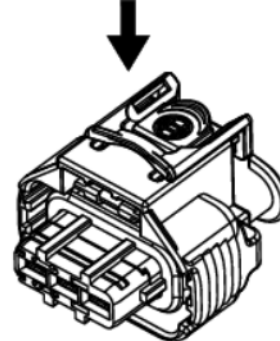
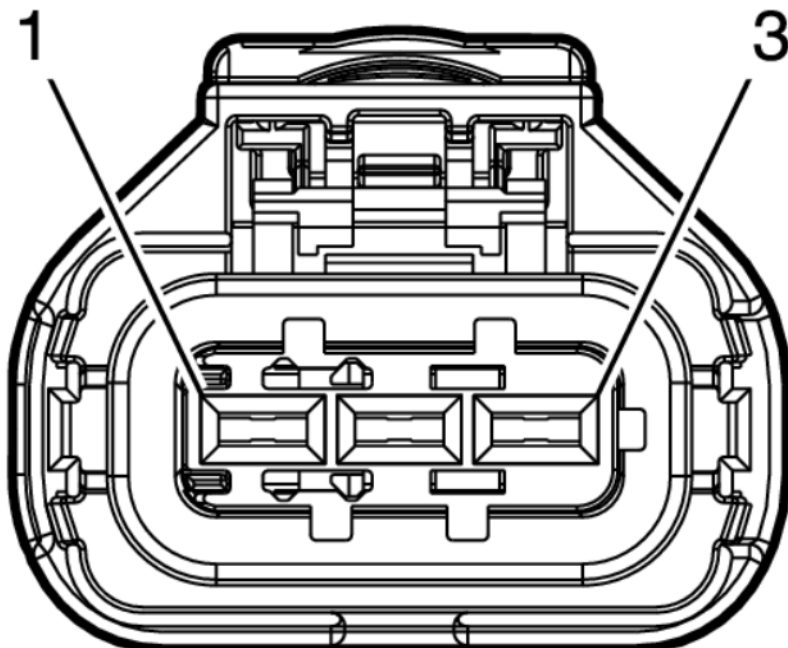
- Harness Type: Engine
- OEM Connector: 13931682
- Service Connector: 19330817
- Description: 3-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	I	-
2	0.5	VT/BU	5274	Camshaft Position Exhaust Sensor 2	I	-
3	0.5 0.5	GY/BU GN/BN	5300 5298	Camshaft Position Intake Sensor Control 1 Camshaft Position Exhaust Sensor Control 2	I I	LFR LFX

B23D CAMSHAFT POSITION SENSOR - BANK 2 INTAKE (LFR/LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13931682
- Service Connector: 19330817
- Description: 3-Way F 2.8 Series, Sealed (BK)

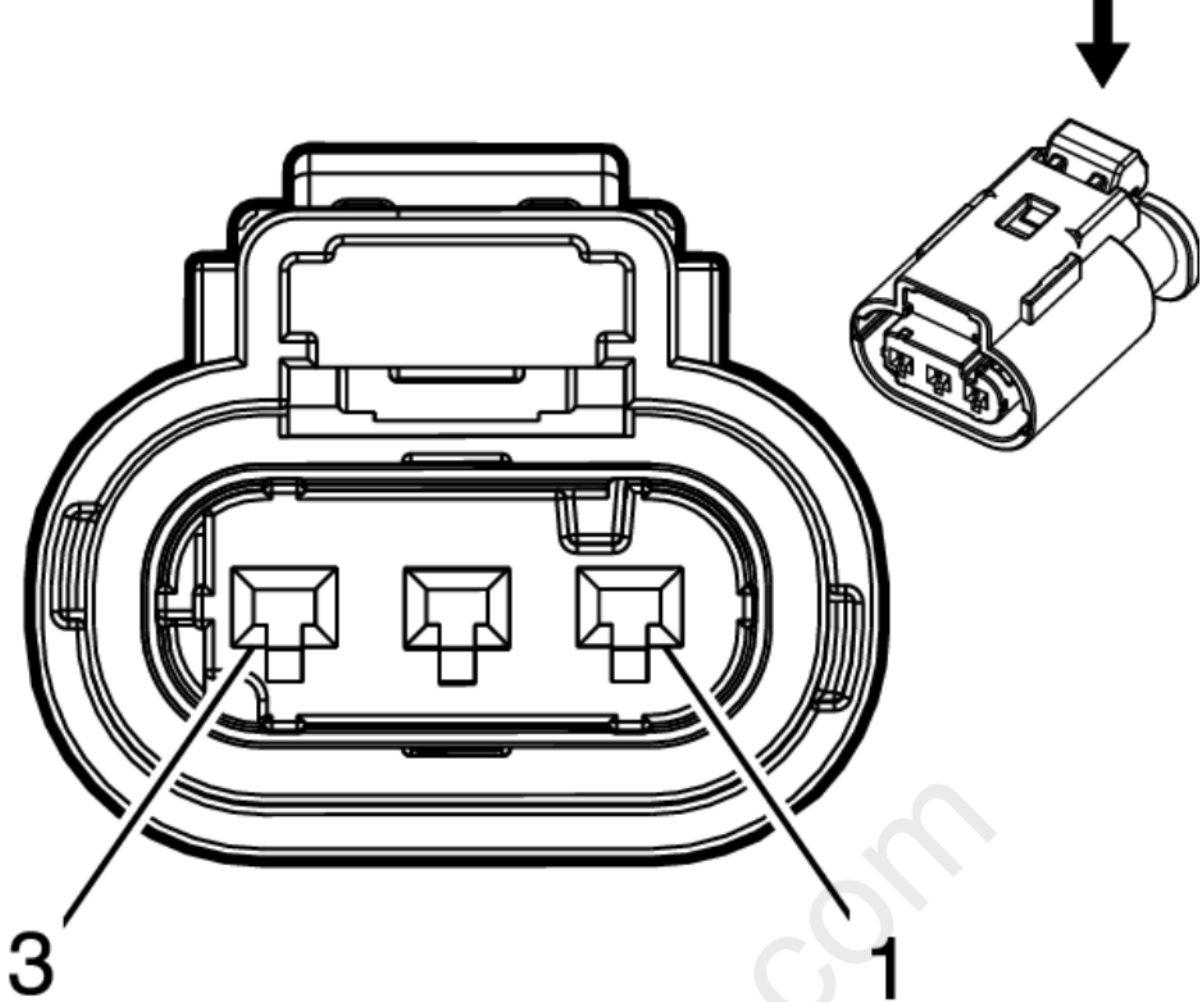
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	I	-
2	0.5	YE	5276	Camshaft Position Intake Sensor 2	I	-
3	0.5	WH/BU	5302	Camshaft Position Intake Sensor Control 2	I	-

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LCV)





Connector Part Information

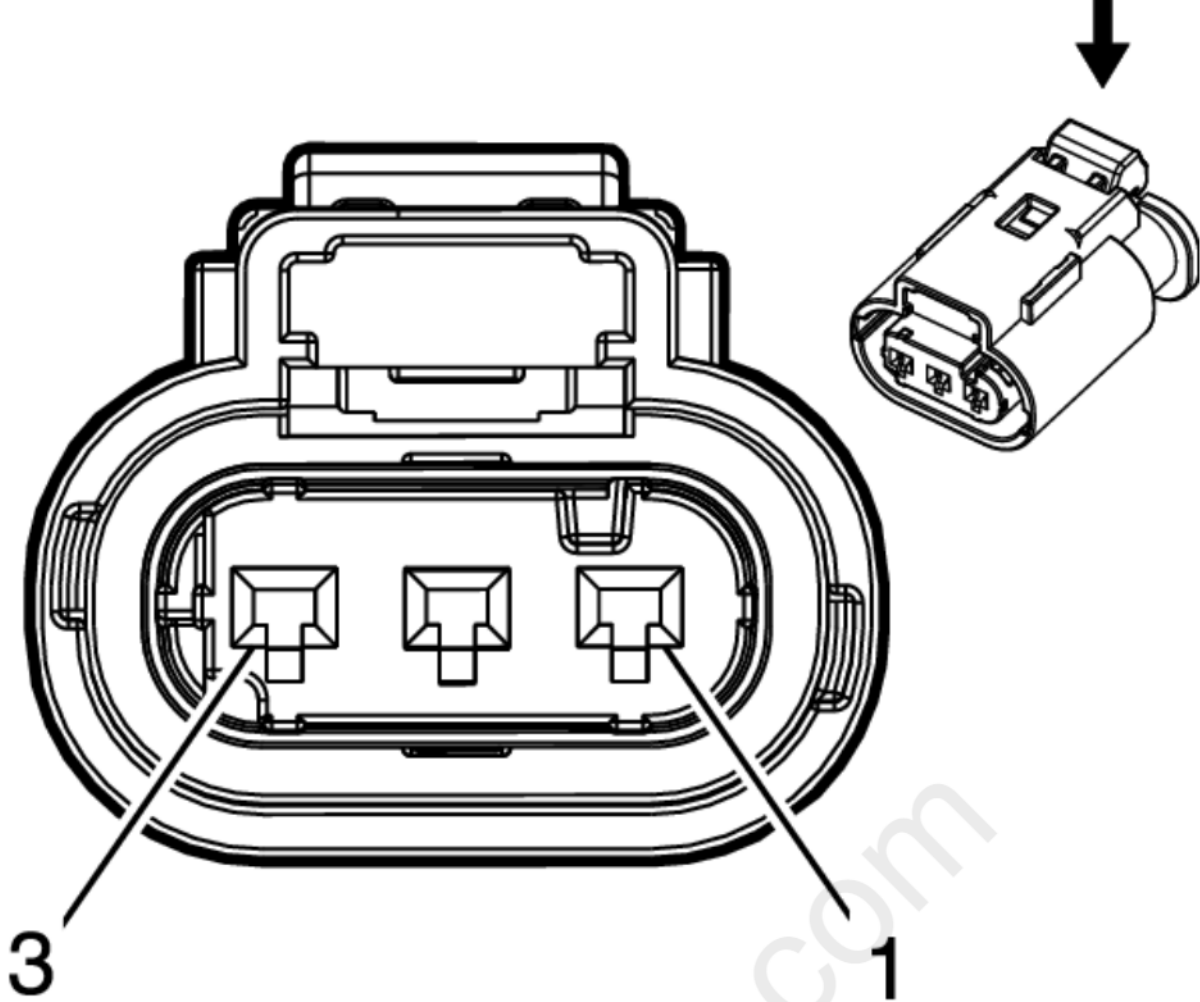
- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B23F CAMSHAFT POSITION SENSOR - INTAKE (LCV)



Connector Part Information

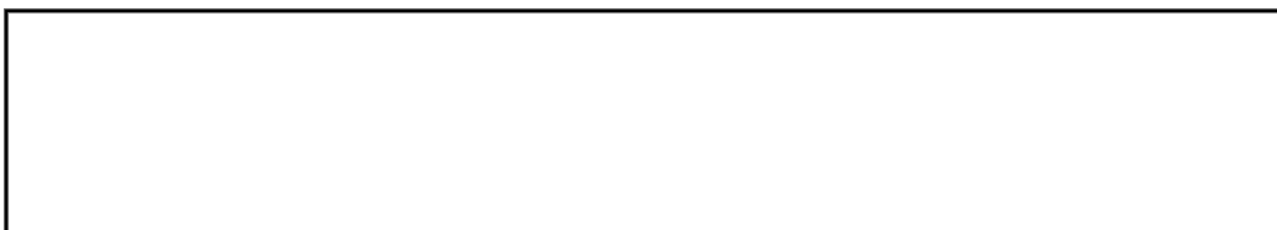
- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

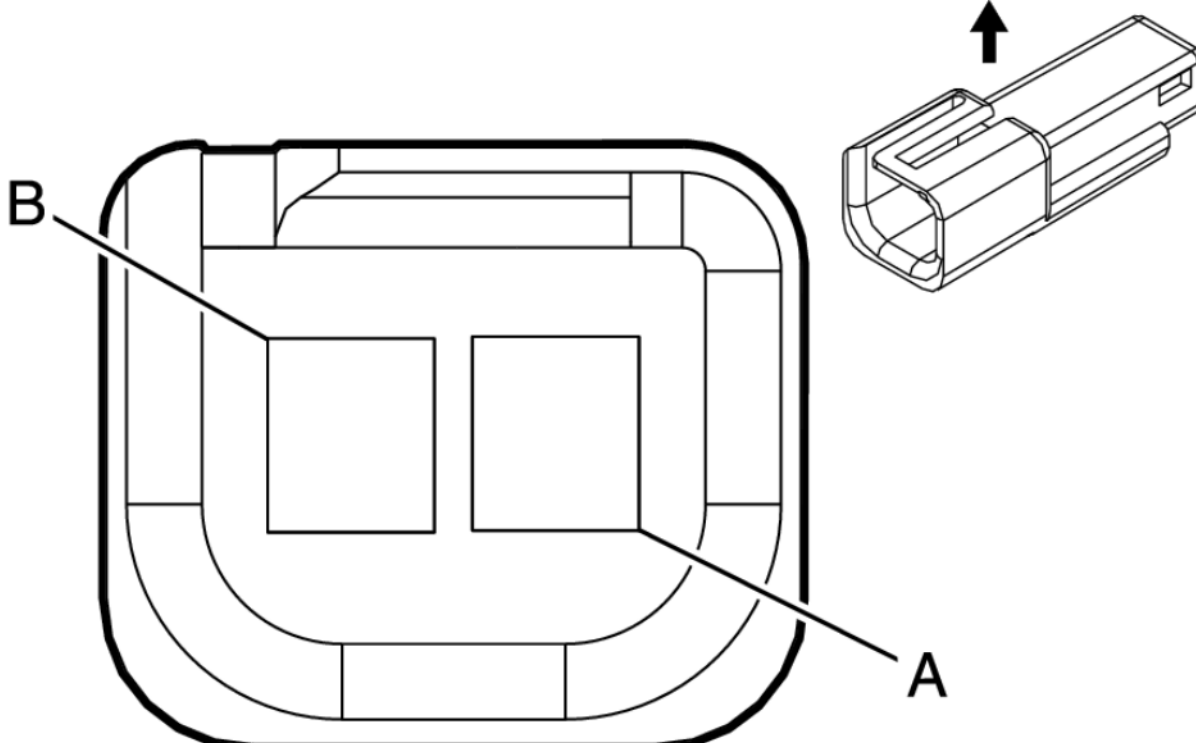
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
2	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
3	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-

B24 MOBILE TELEPHONE MICROPHONE





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13649649
- Service Connector: 13395383
- Description: 2-Way M 150 Metri-Pack Series (BK)

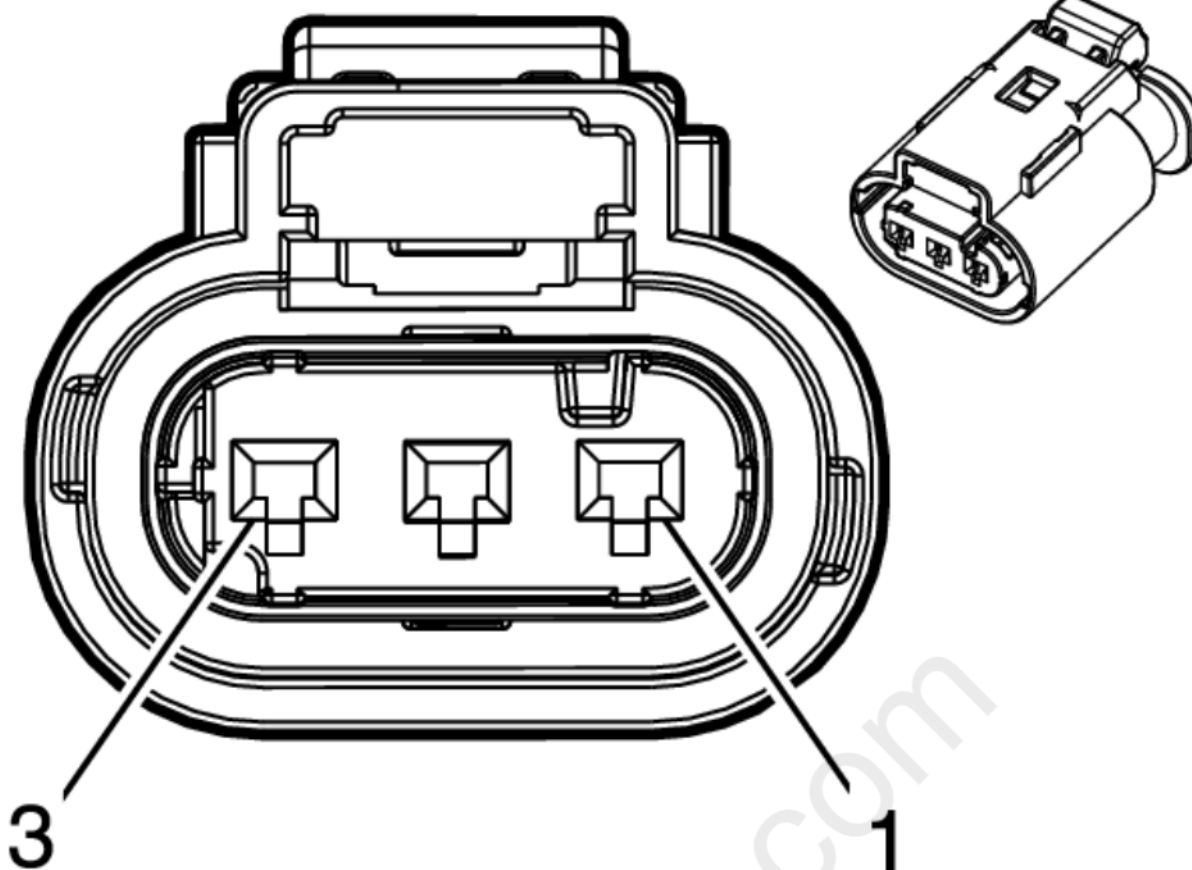
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
B	0.35	BU	655	Cellular Telephone Microphone Signal	I	-

B26 CRANKSHAFT POSITION SENSOR (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

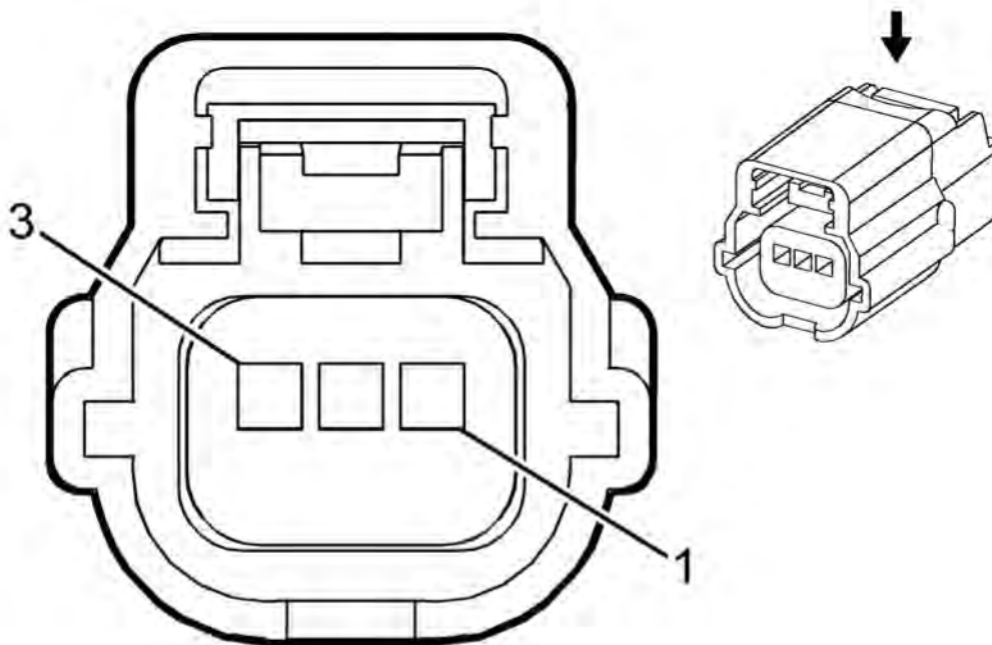
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
2	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
3	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-

B26 CRANKSHAFT POSITION SENSOR (LFR/LFX)





Connector Part Information

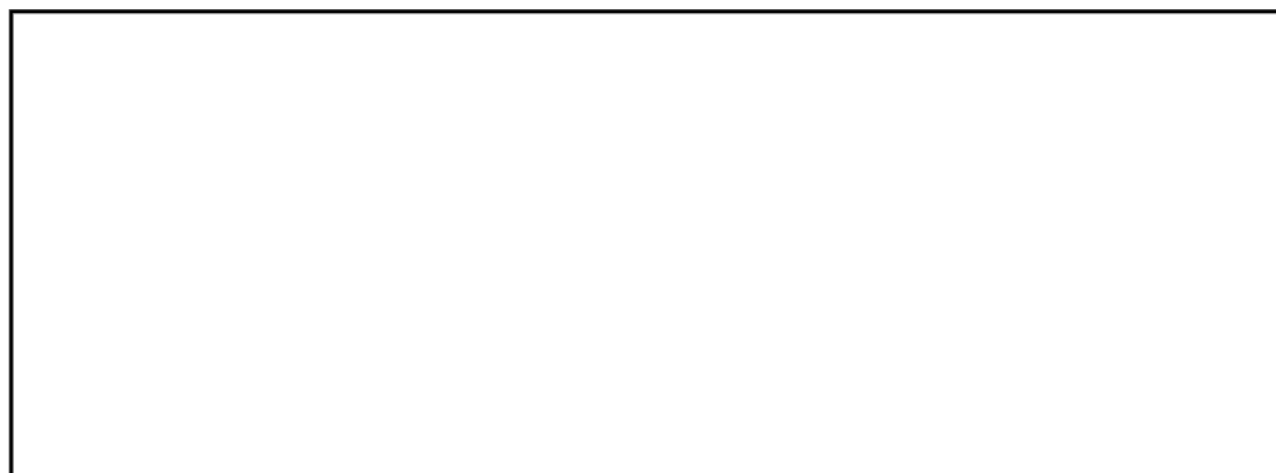
- Harness Type: Engine
- OEM Connector: 13525738
- Service Connector: 88988337
- Description: 3-Way F 0.64 Series, Sealed (BK)

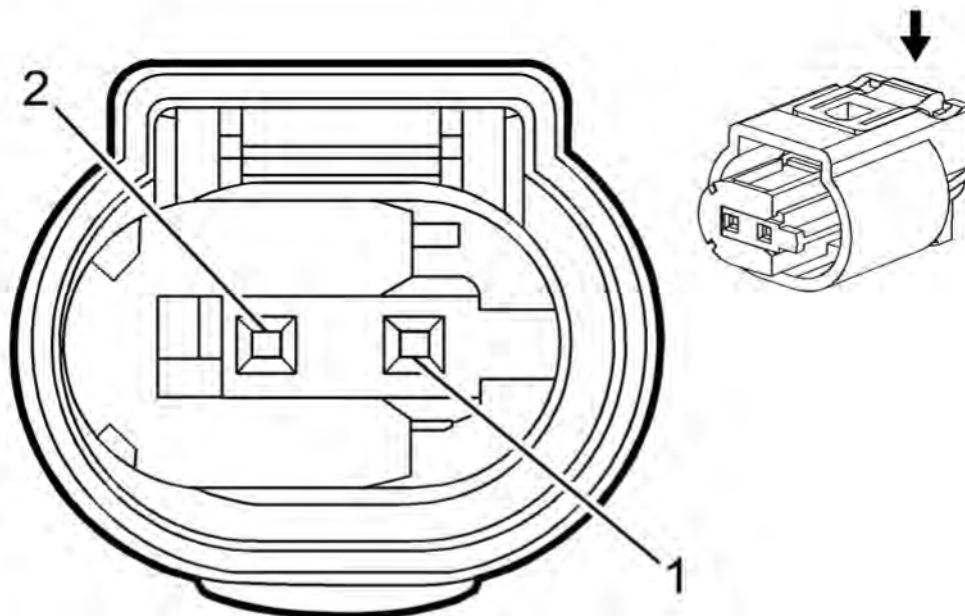
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
2	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-
3	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-

B34 ENGINE COOLANT TEMPERATURE SENSOR (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15365708
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

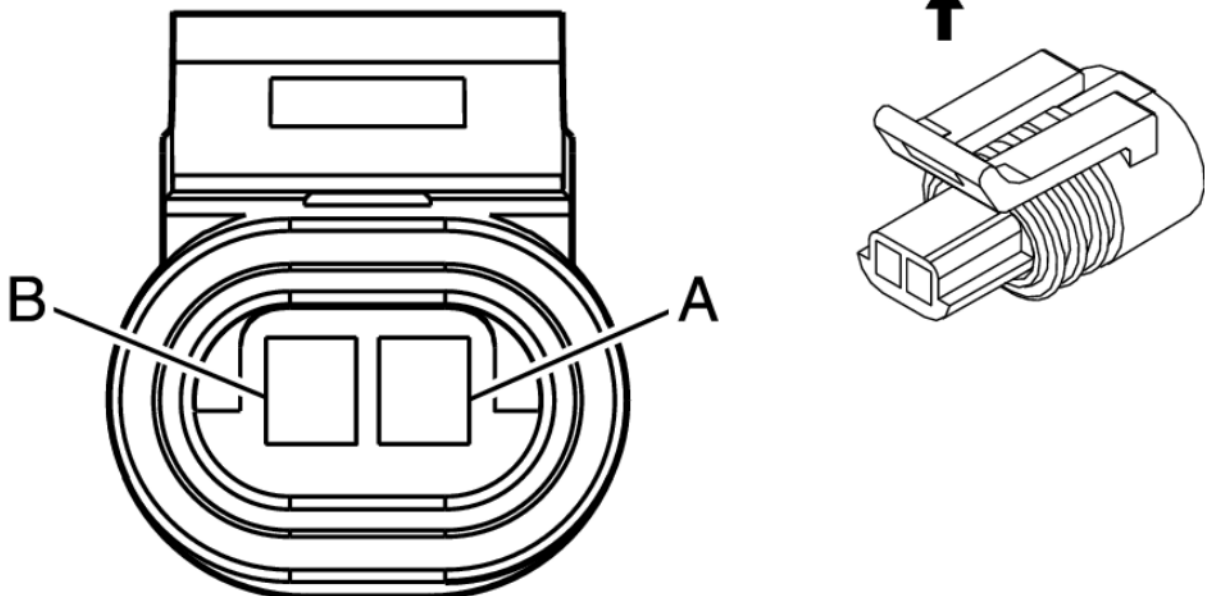
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
2	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-

B34 ENGINE COOLANT TEMPERATURE SENSOR (LFR/LFX)





Connector Part Information

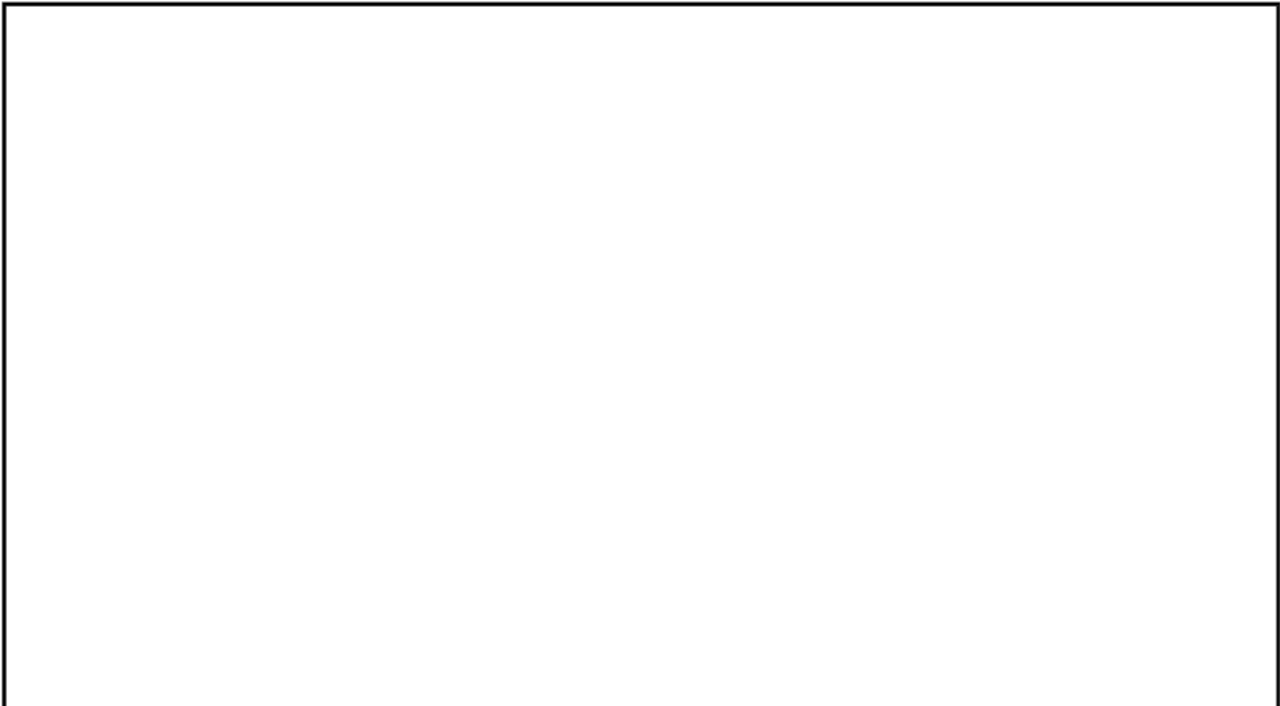
- Harness Type: Engine
- OEM Connector: 13584122
- Service Connector: 13585857
- Description: 2-Way F 150.2 Metri-Pack Series, Sealed (GY)

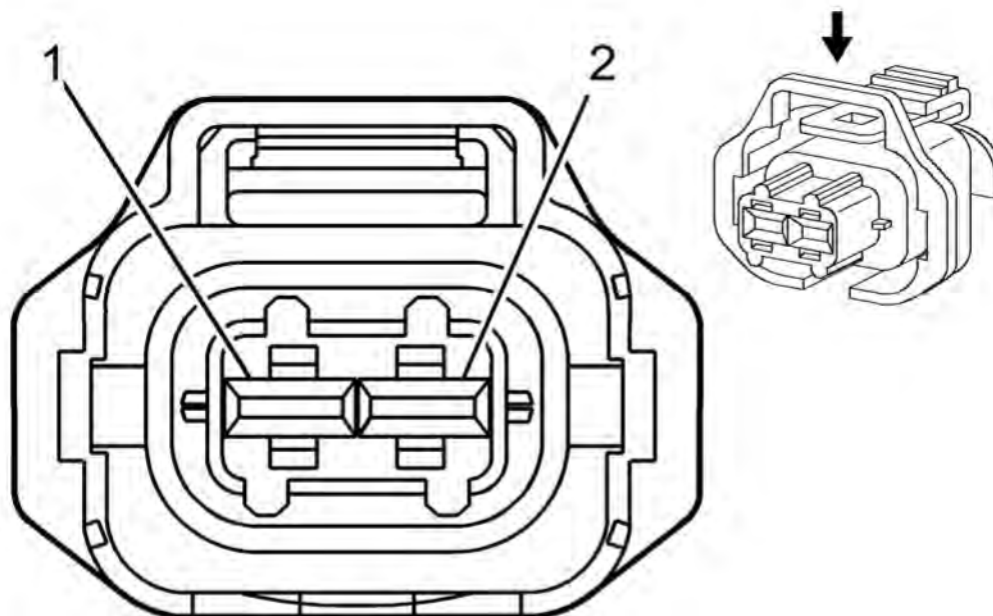
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-
B	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-

B35 ENGINE OIL LEVEL SWITCH (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15339756
- Service Connector: 88988963
- Description: 2-Way F 2.8 Kompakt Series, Sealed (BK)

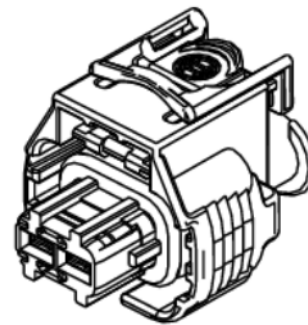
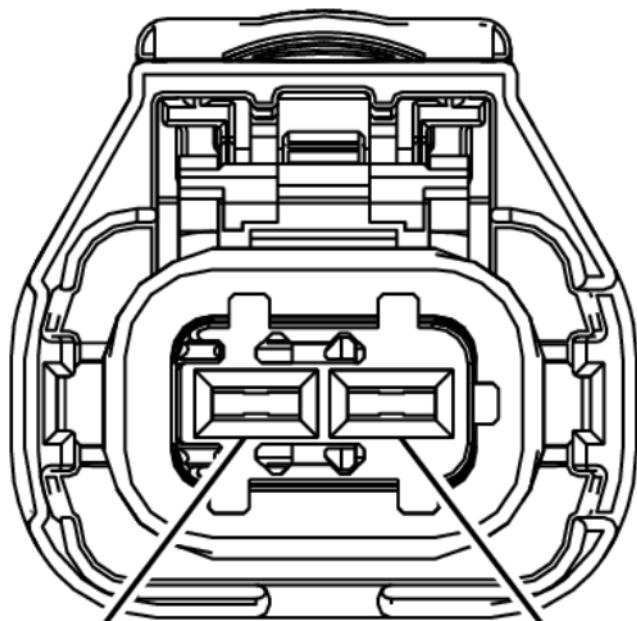
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2650	Ground	I	-
2	0.5	BN/GN	1174	Oil Level Switch Signal	I	-

B35 ENGINE OIL LEVEL SWITCH (LFR/LFX)





1

2

Connector Part Information

- Harness Type: Engine
- OEM Connector: 13930085
- Service Connector: 19367529
- Description: 2-Way F 2.8 Series, Sealed (BK)

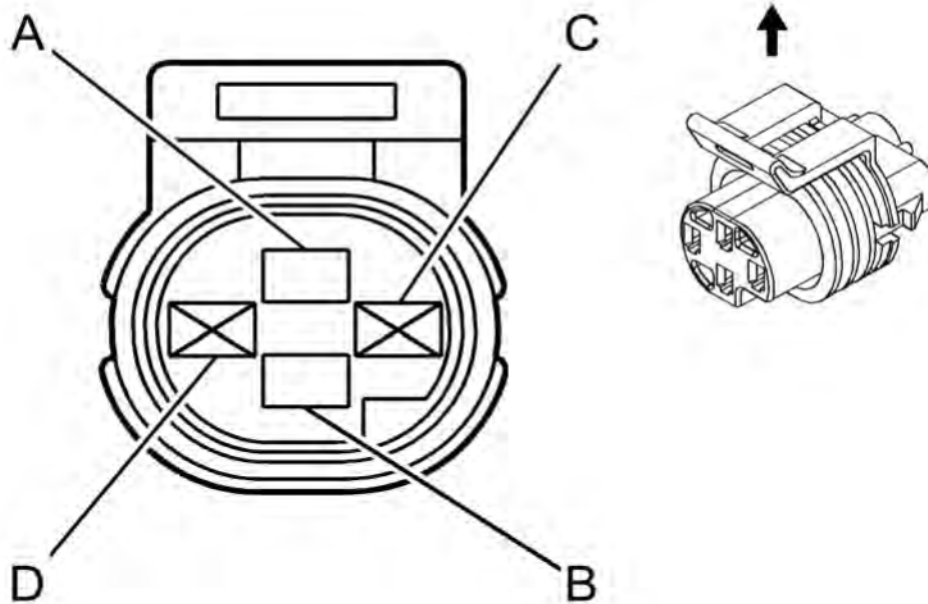
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2650	Ground	I	-
2	0.5	BN/GN	1174	Oil Level Switch Signal	I	-

B37 ENGINE OIL PRESSURE SWITCH (LFR/LFX)





Connector Part Information

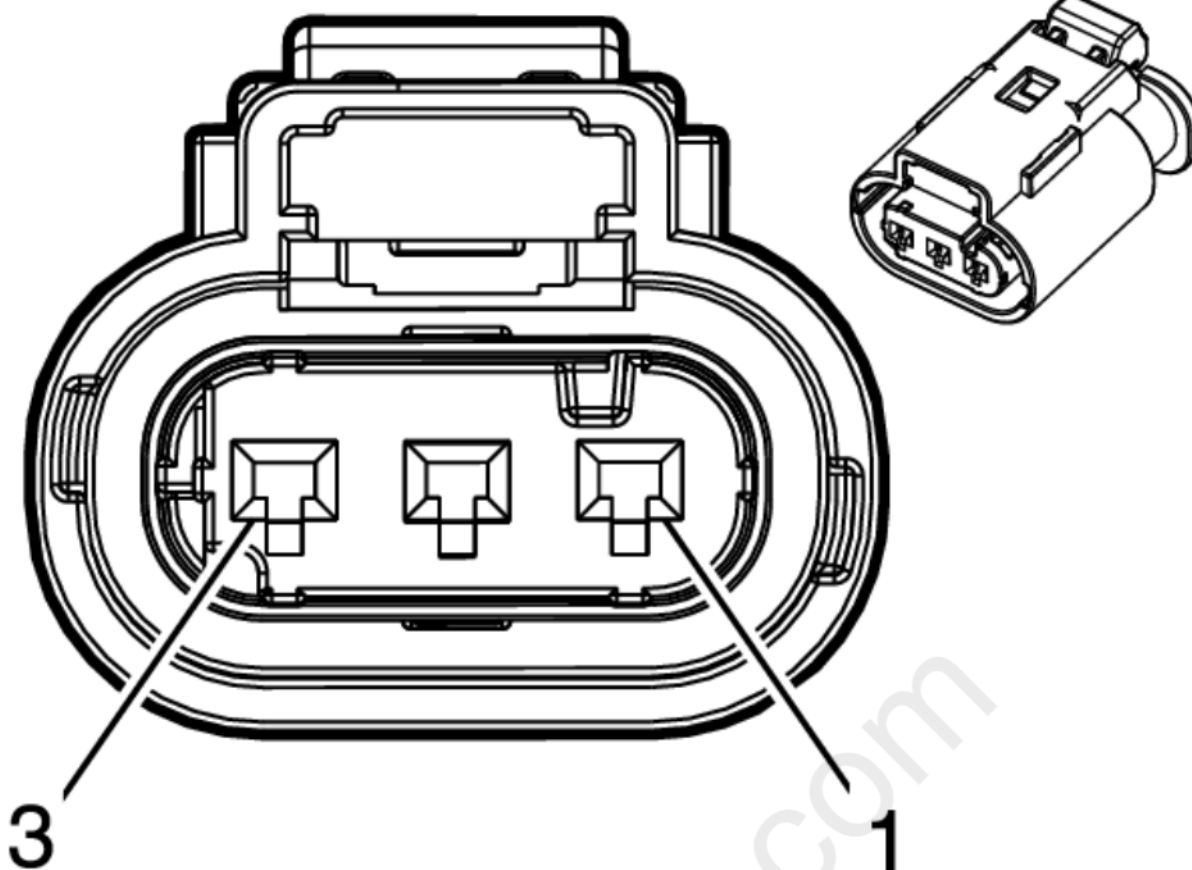
- Harness Type: Engine
- OEM Connector: 12065400
- Service Connector: 13585859
- Description: 4-Way F 150 Metri-Pack Series (L-GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	YE/BU	231	Oil Pressure Switch Signal	I	-
B	0.5	BK	2650	Ground	I	-
C - D	-	-	-	Not Occupied	-	-

B37B ENGINE OIL PRESSURE SENSOR (LCV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13763990
- Service Connector: 19299690
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	331	Oil Pressure Sensor Signal	I	-
2	0.5	BK/VT	470	Sensor Low Reference	I	-
3	0.5	WH/RD	596	5V Reference	I	-

B39 A/C EVAPORATOR TEMPERATURE SENSOR

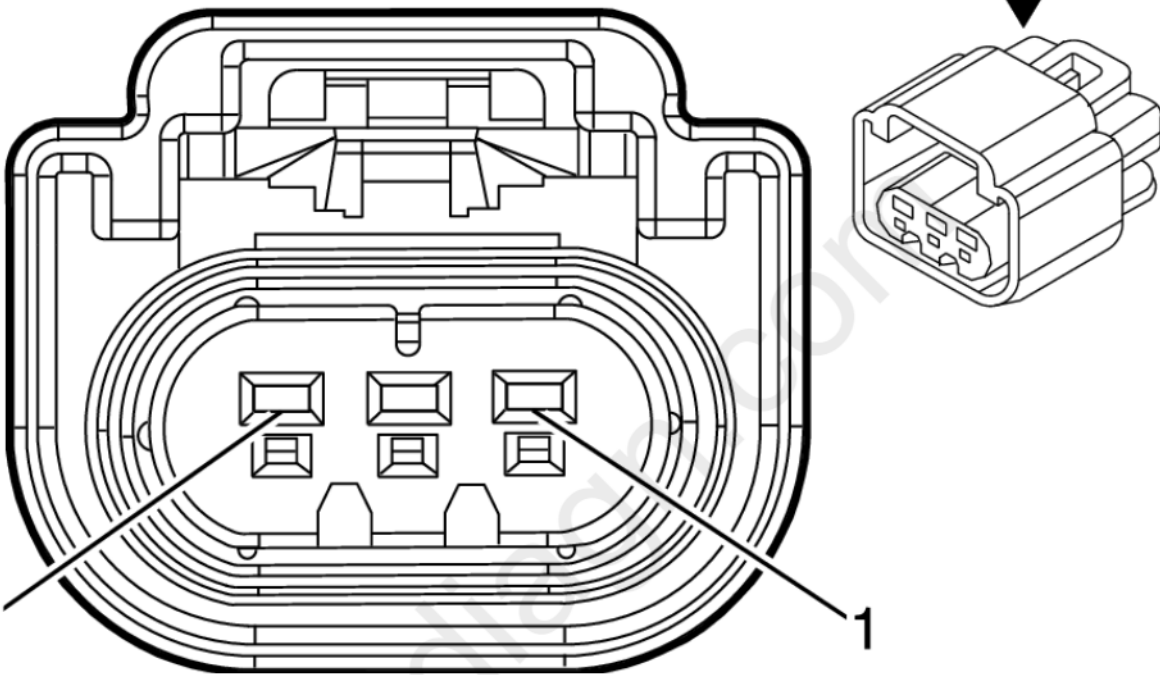
Connector Part Information

- Harness Type: HVAC
- OEM Connector: x-1718333-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	GY	6137	EVAP Core Temperature Sensor Signal	I	-
B	0.35	BK/YE	407	Sensor Low Reference	I	-

B47 FUEL PRESSURE SENSOR

Connector Part Information

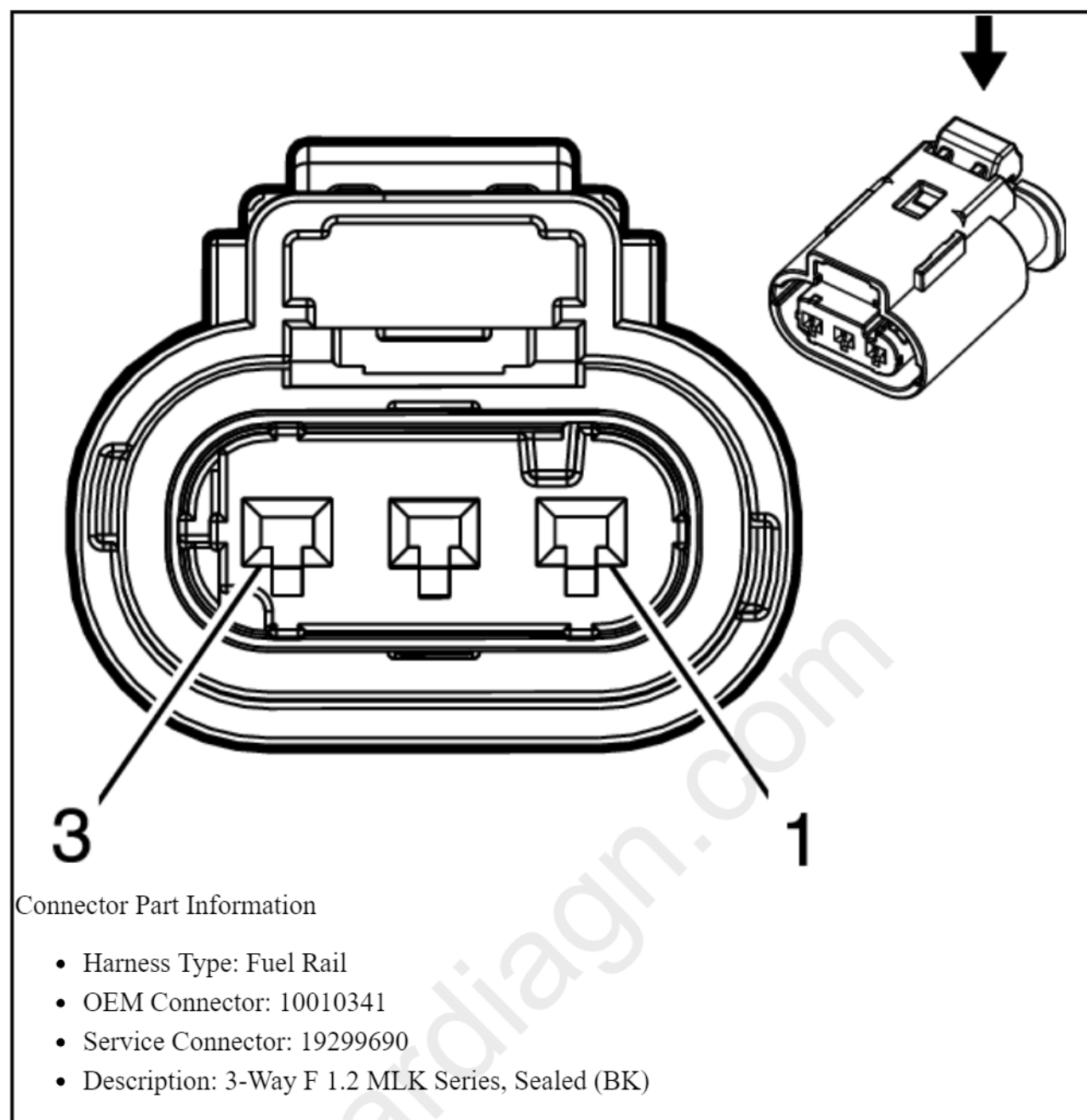
- Harness Type: Fuel Tank
- OEM Connector: 13511131
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B47B FUEL RAIL PRESSURE SENSOR (LCV)

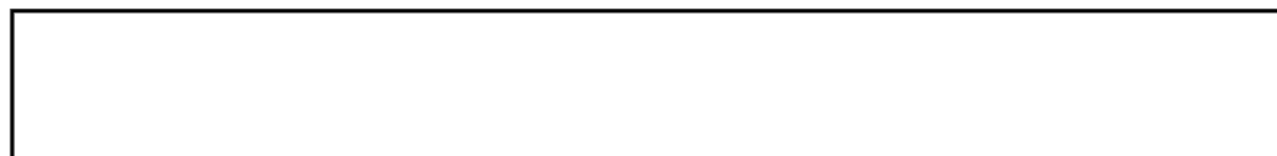


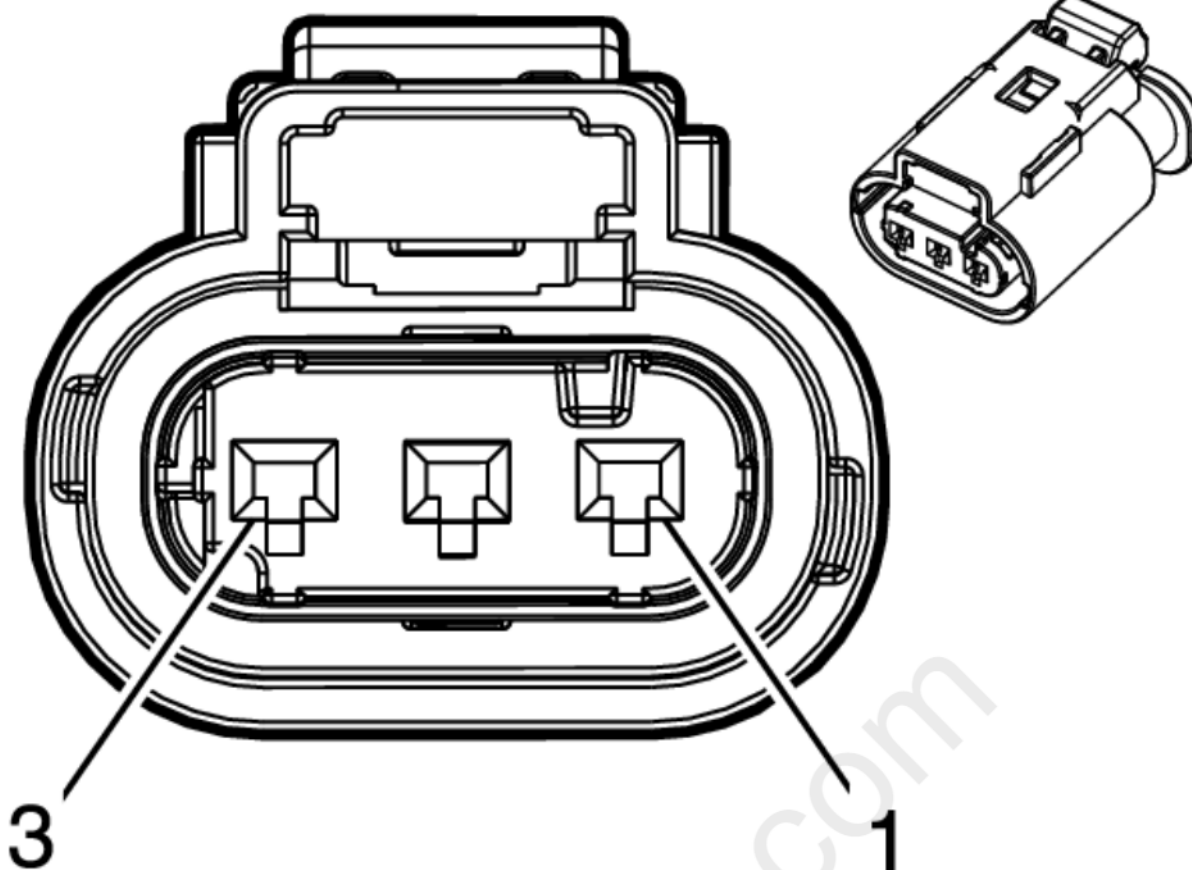
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
2	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
3	0.5	BN/RD	2917	Fuel Rail Pressure Sensor (5) Volt Reference	I	-

B47B FUEL RAIL PRESSURE SENSOR





Connector Part Information

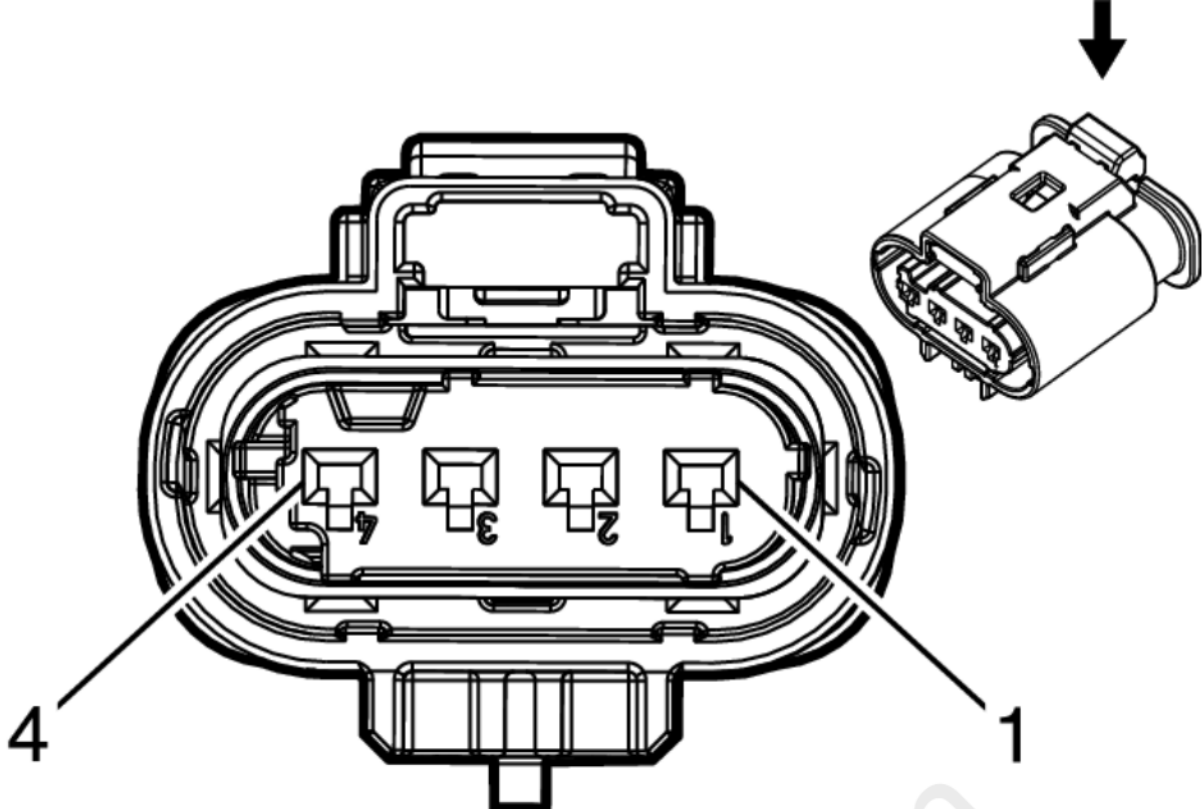
- Harness Type: Fuel Injector
- OEM Connector: 13503570
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	LCV
2	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	LCV
3	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	LCV

B52A HEATED OXYGEN SENSOR 1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13815341
- Service Connector: 13587299
- Description: 4-Way F 1.2 Multilock Series, Sealed (BK)

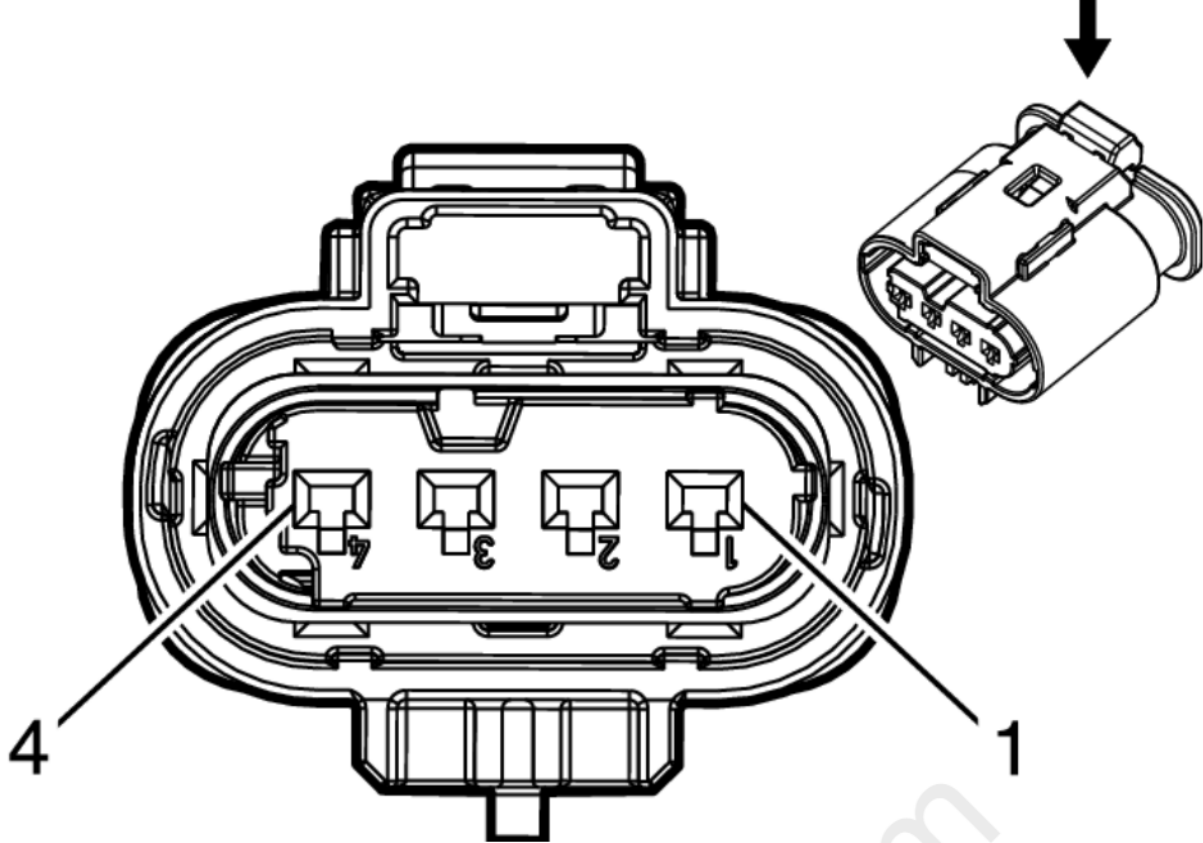
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
4	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-

B52B HEATED OXYGEN SENSOR 2





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13815348
- Service Connector: 13587298
- Description: 4-Way F 1.2 Multilock Series, Sealed (L-GY)

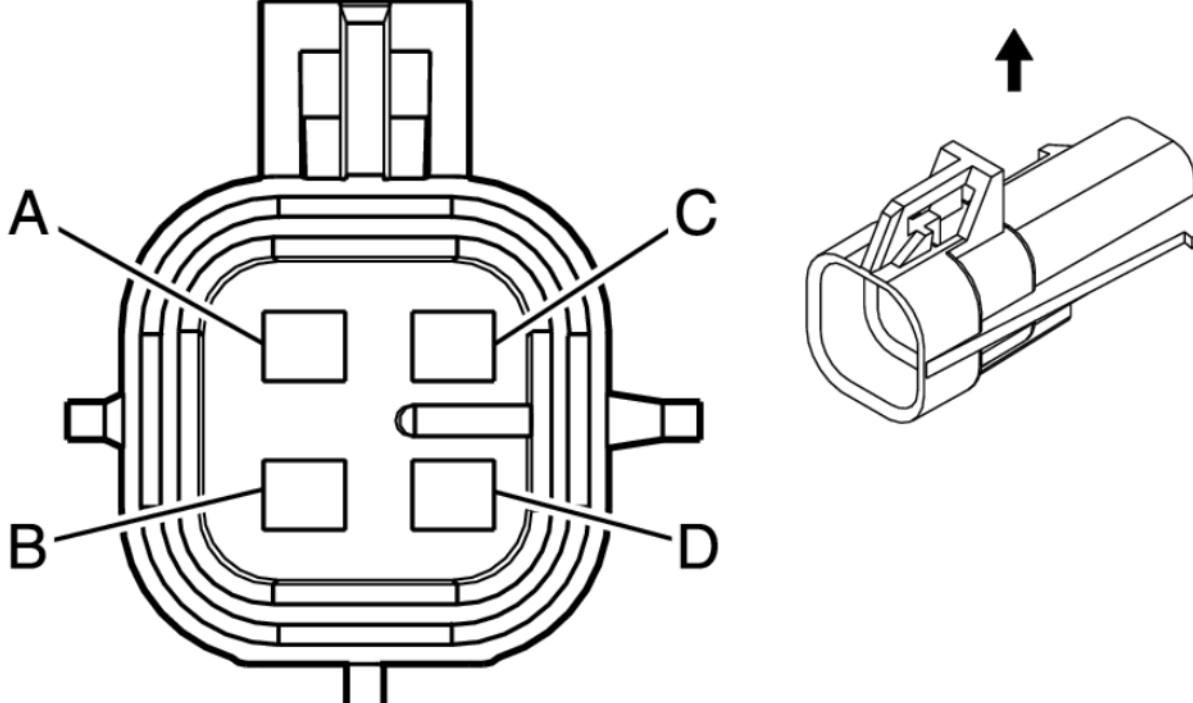
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
2	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
3	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
4	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-

B52C HEATED OXYGEN SENSOR - BANK 1 SENSOR 1





Connector Part Information

- Harness Type: Engine
- OEM Connector: 12160825
- Service Connector: 15305801
- Description: 4-Way M 150 Metri-Pack Series, Sealed (BK)

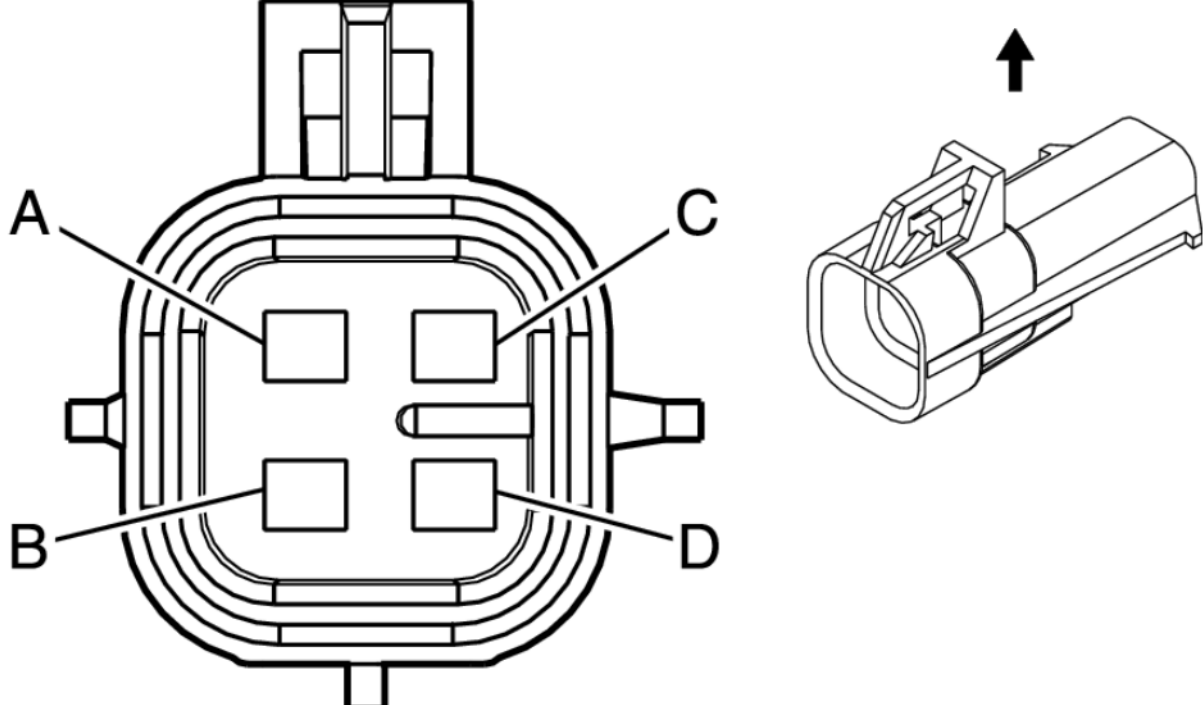
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
B	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-
C	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
D	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-

B52E HEATED OXYGEN SENSOR - BANK 2 SENSOR 1





Connector Part Information

- Harness Type: Engine
- OEM Connector: 12160825
- Service Connector: 15305801
- Description: 4-Way M 150 Metri-Pack Series, Sealed (BK)

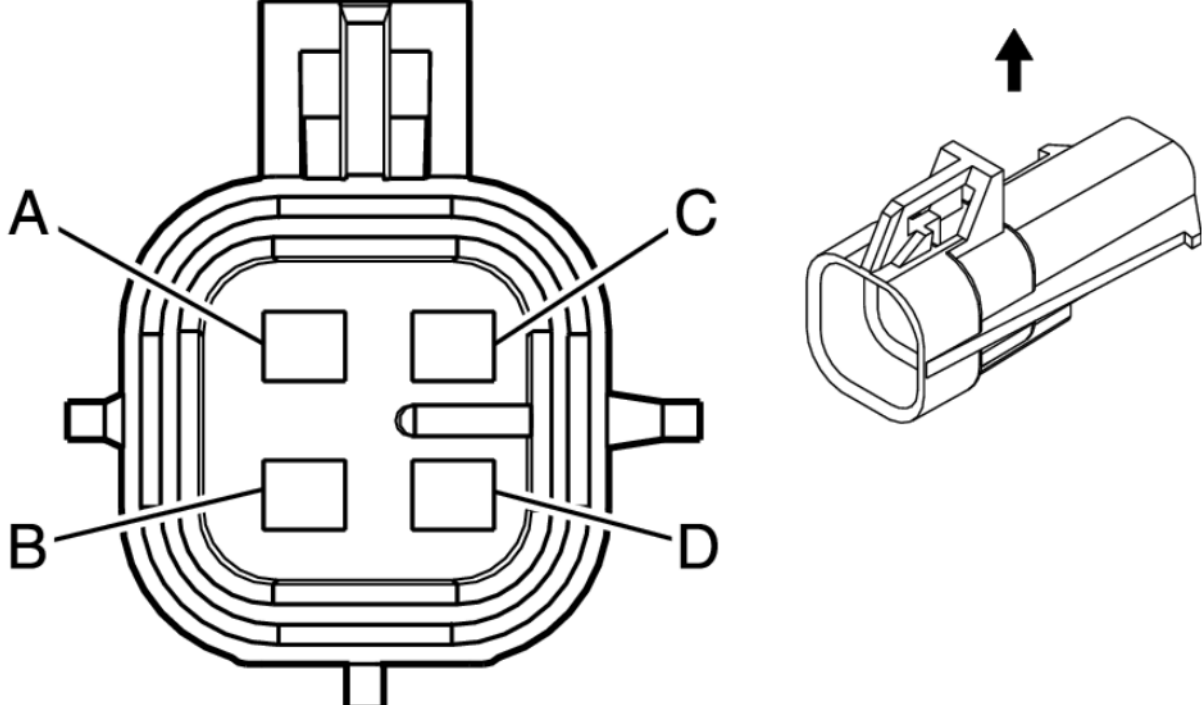
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	I	-
B	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	I	-
C	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	I	-
D	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-

B52F HEATED OXYGEN SENSOR - BANK 2 SENSOR 2





Connector Part Information

- Harness Type: Engine
- OEM Connector: 12160825
- Service Connector: 15305801
- Description: 4-Way M 150 Metri-Pack Series, Sealed (BK)

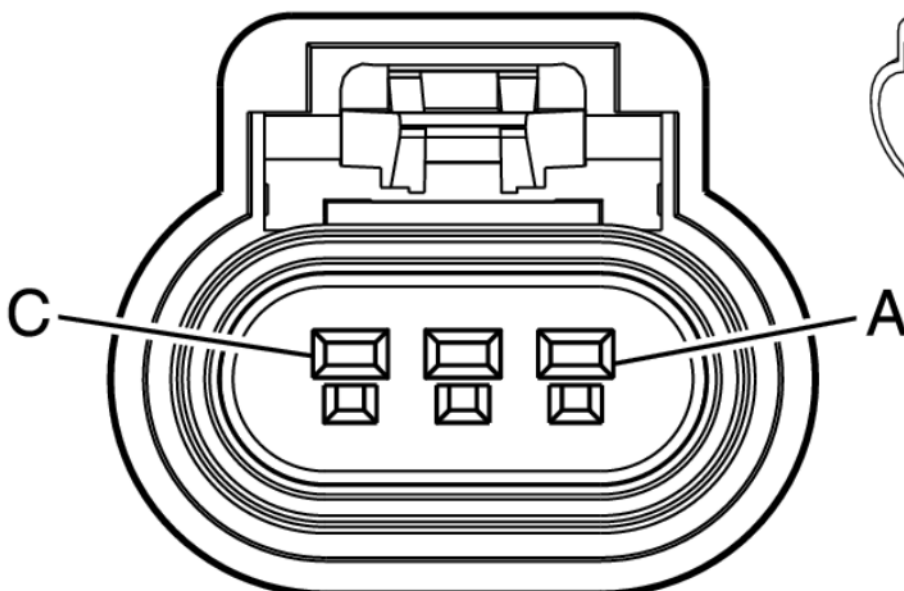
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	LCV
	0.5	YE/BU	3221	Heated Oxygen Sensor Low Signal Bank 2 Sensor 2	I	LFX
B	0.5	VT/GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	I	-
C	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	I	-
D	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-

B55 ENGINE HOOD SWITCH





Connector Part Information

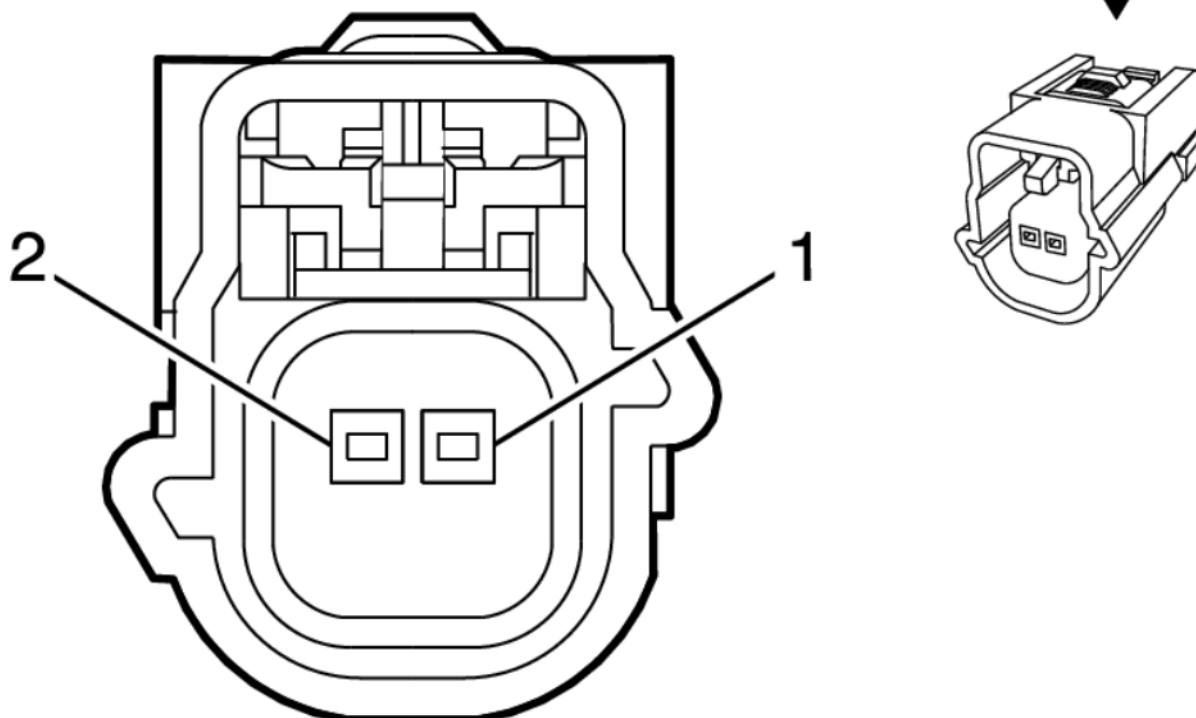
- Harness Type: Forward Lamp
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	YE	5530	Hood Open Switch Signal	I	-
B	0.5	BN/GN	4064	Hood Status B Signal	I	-
C	0.5	BK/VT	470	Sensor Low Reference	I	KL9
	0.5	BK	1150	Ground	I	-KL9

B59L FRONT IMPACT SENSOR - LEFT



Connector Part Information

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

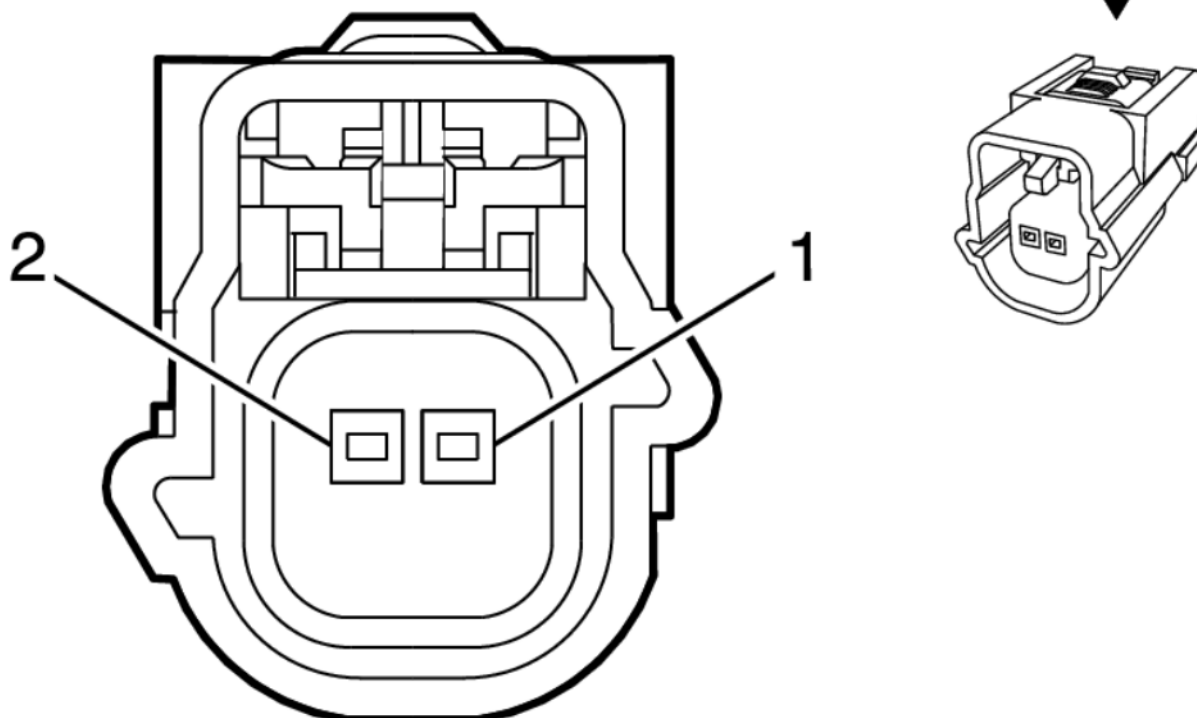
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B59R FRONT IMPACT SENSOR - RIGHT





Connector Part Information

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

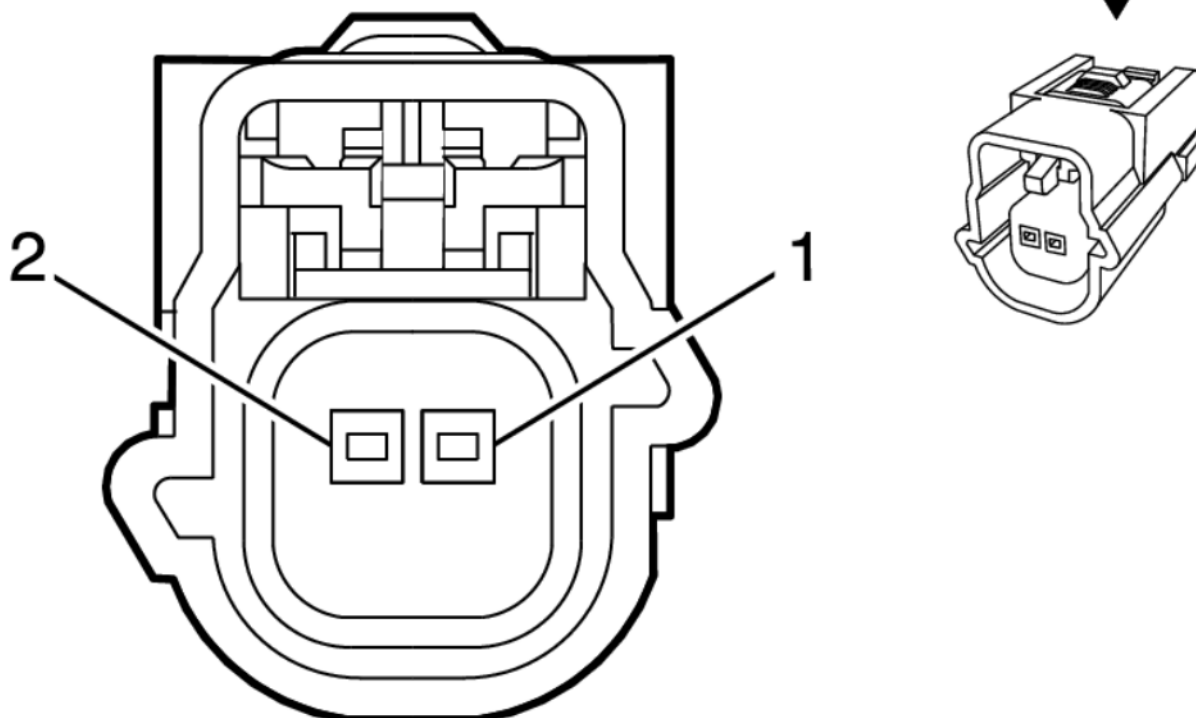
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B63LF SIDE IMPACT SENSOR - LEFT FRONT





Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13593078
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

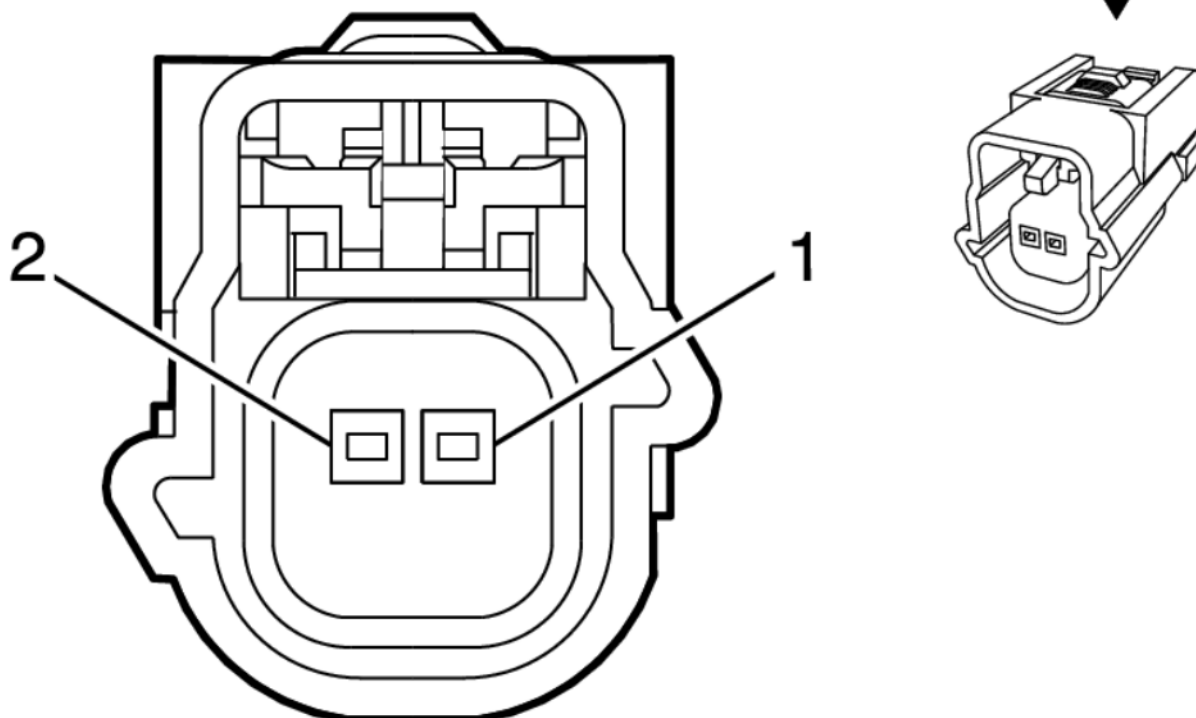
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B63LR SIDE IMPACT SENSOR - LEFT REAR





Connector Part Information

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

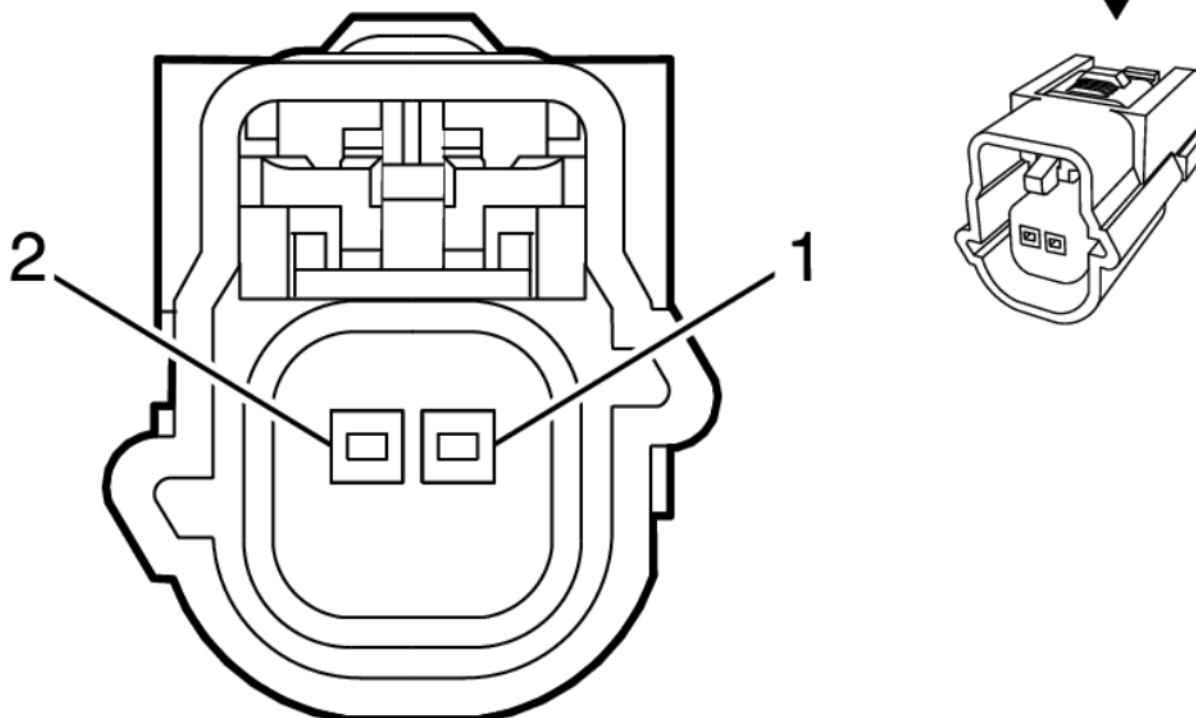
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B63RF SIDE IMPACT SENSOR - RIGHT FRONT





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13593078
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

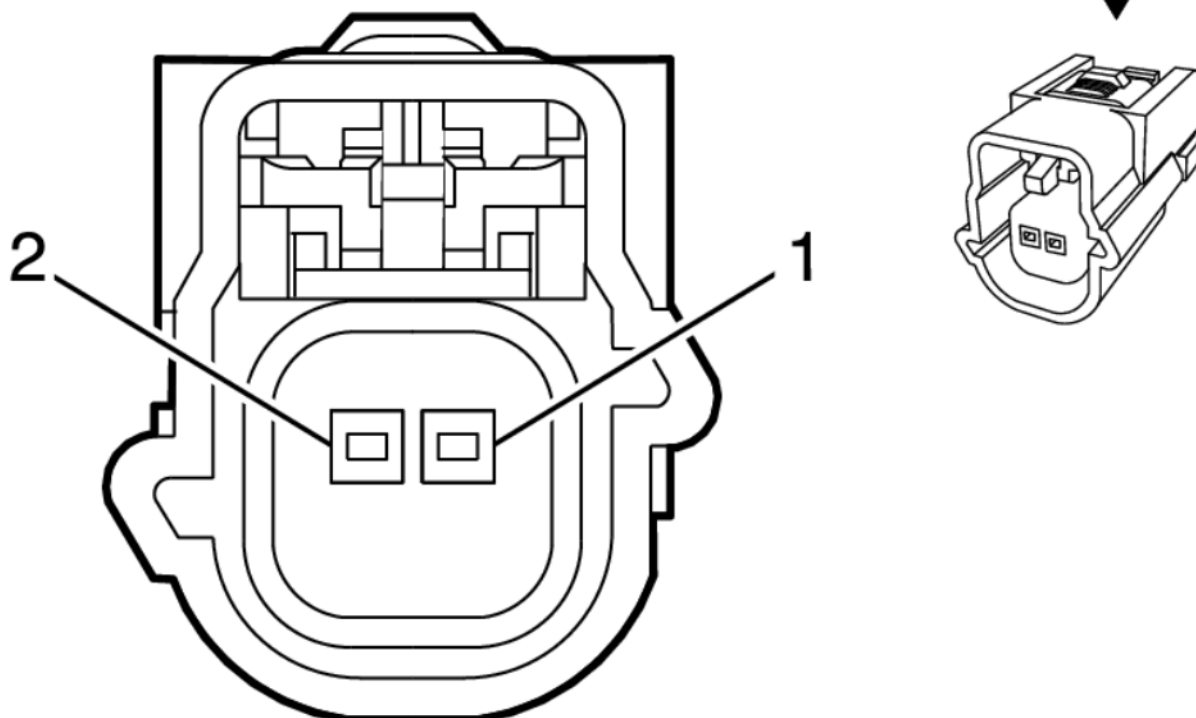
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B63RR SIDE IMPACT SENSOR - RIGHT REAR





Connector Part Information

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

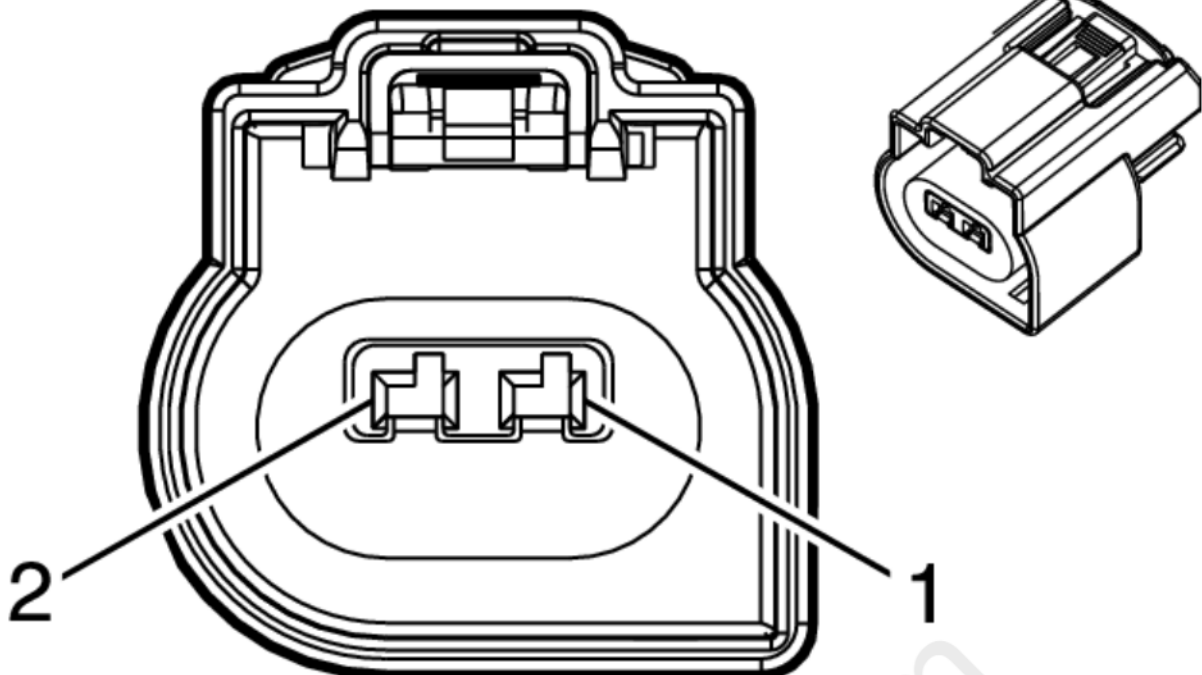
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B68A KNOCK SENSOR 1 (LCV)





Connector Part Information

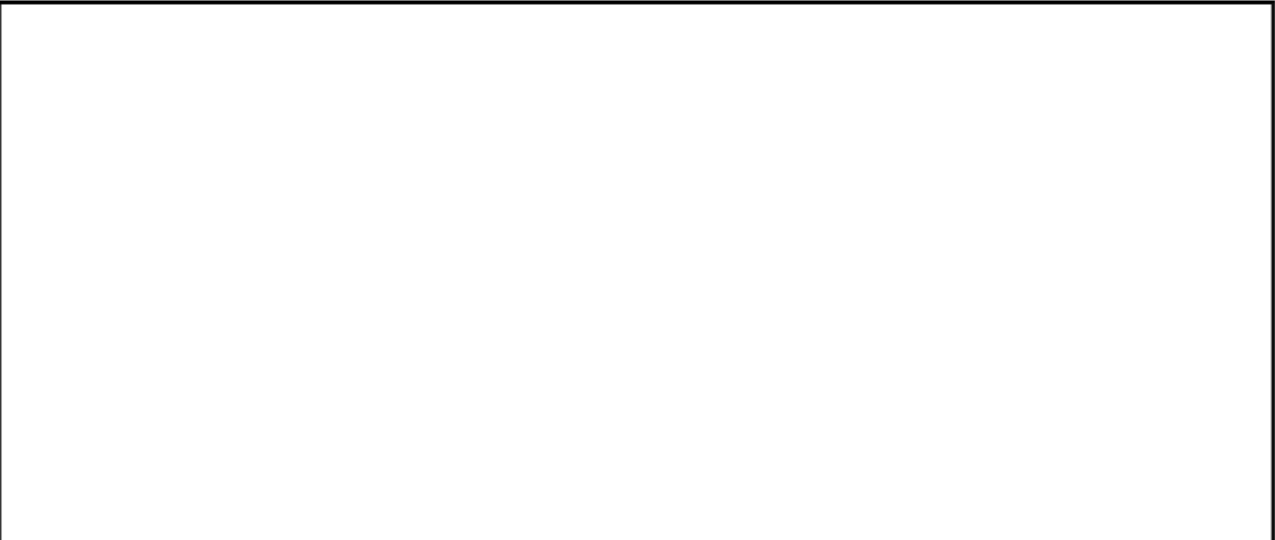
- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

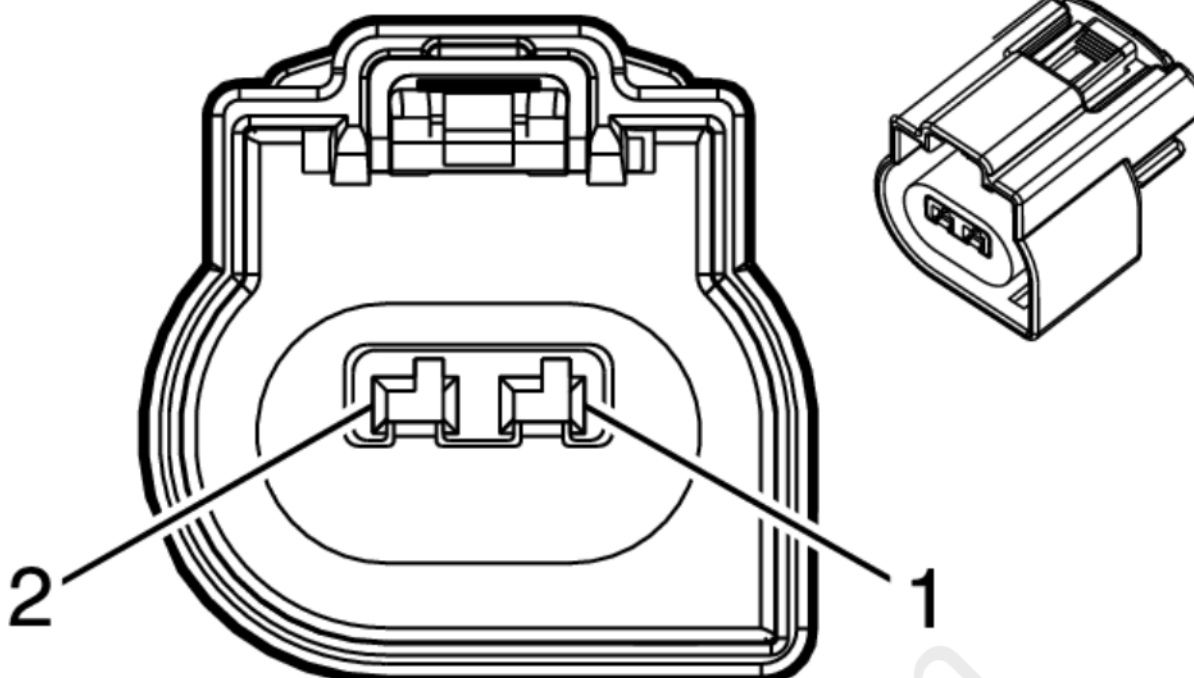
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/GY	496	Knock Sensor Signal 1	I	-
2	0.75	BK/YE	1716	Knock Sensor Low Reference 1	I	-

B68A KNOCK SENSOR 1 (LFX)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

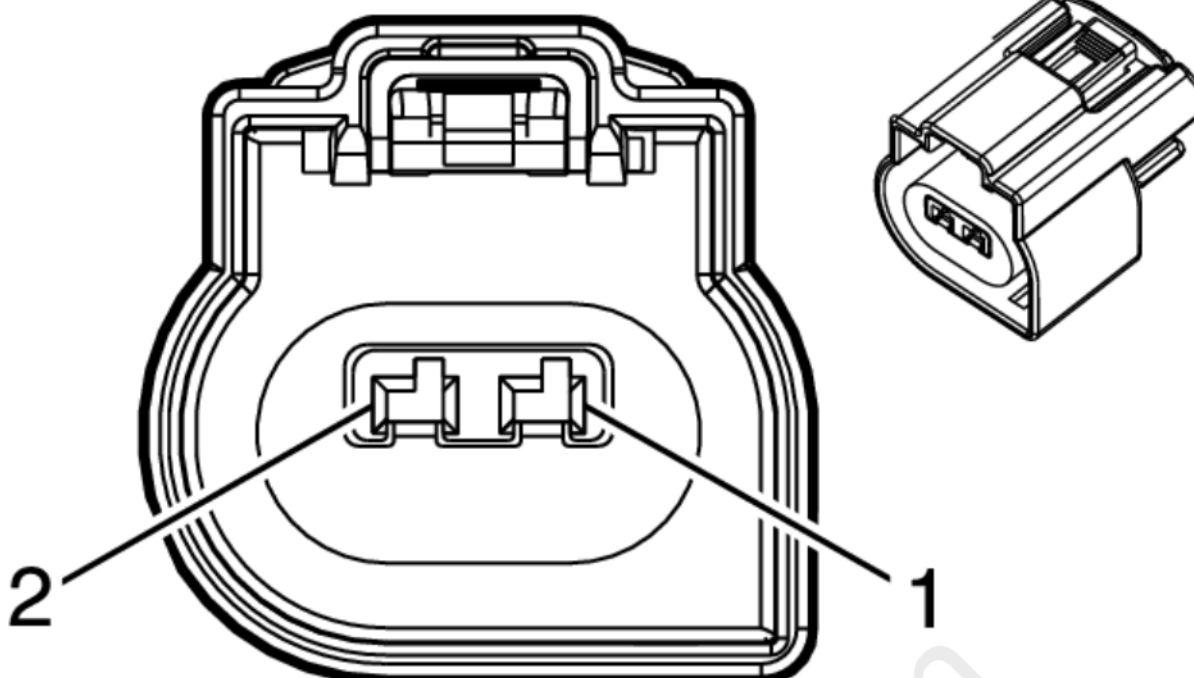
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.5	VT/GY VT/GY	496 496	Knock Sensor Signal 1 Knock Sensor Signal 1	II II	LCV LFX
2	0.75 0.5	BK/YE BK/YE	1716 1716	Knock Sensor Low Reference 1 Knock Sensor Low Reference 1	II I	LCV LFX

B68B KNOCK SENSOR 2 (LCV)





Connector Part Information

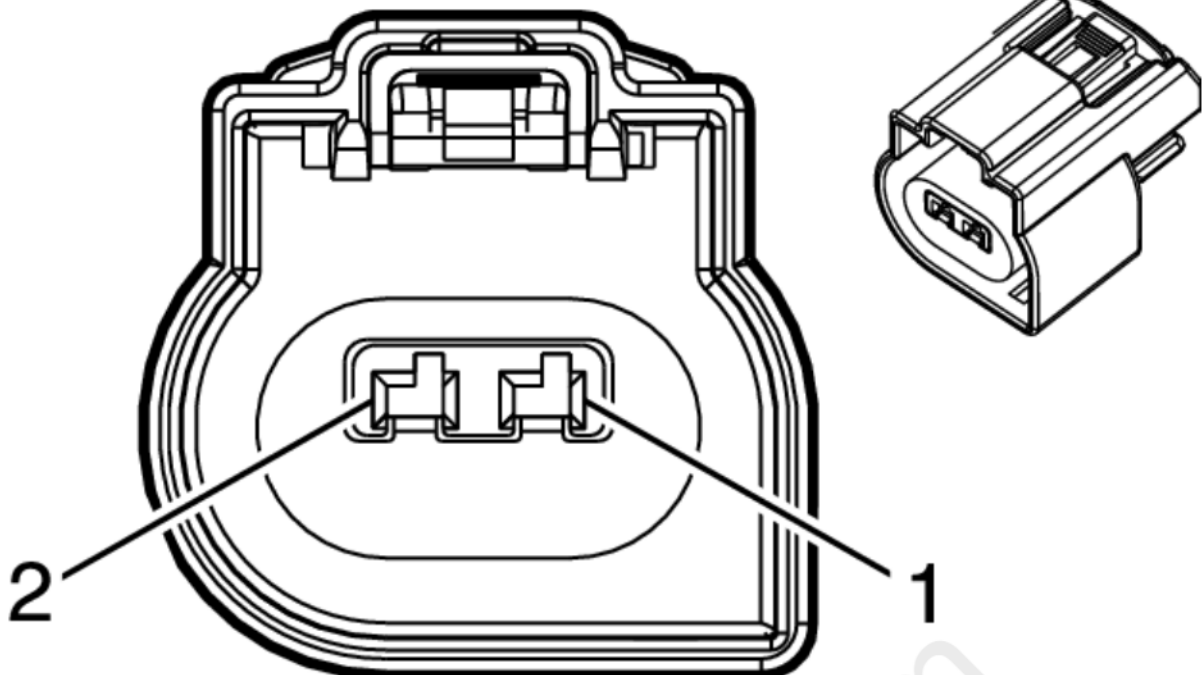
- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/GY	1876	Knock Sensor Signal 2	I	-
2	0.75	BK/GY	2303	Knock Sensor Low Reference 2	I	-

B68B KNOCK SENSOR 2 (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13814755
- Service Connector: 19301207
- Description: 2-Way F 150 MX Series, Sealed (BK)

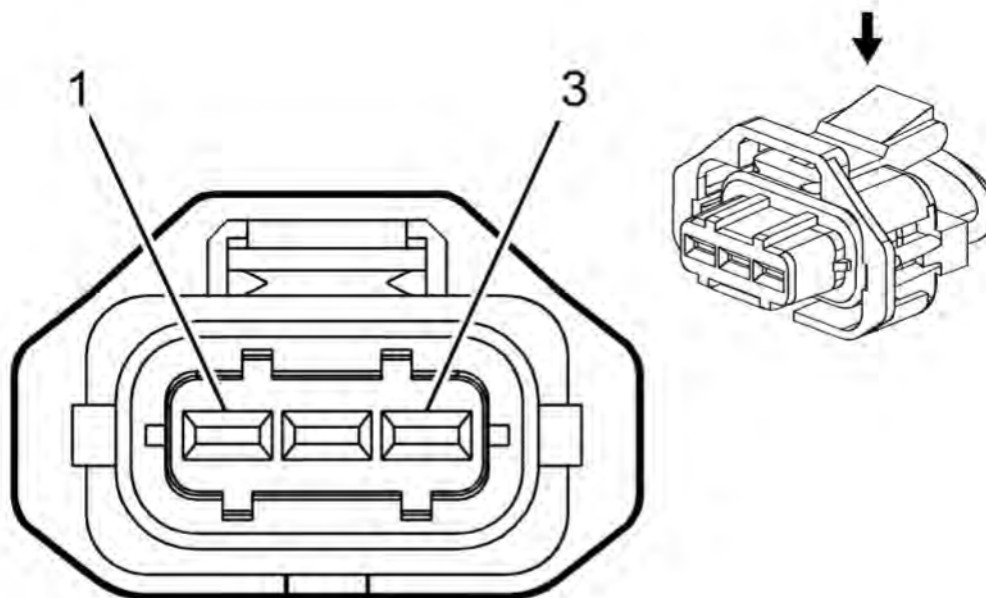
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.5	WH/GY WH/GY	1876 1876	Knock Sensor Signal 2 Knock Sensor Signal 2	II I	LCV LFX
2	0.75 0.5	BK/GY BK/GY	2303 2303	Knock Sensor Low Reference 2 Knock Sensor Low Reference 2	II II	LCV LFX

B74 MANIFOLD ABSOLUTE PRESSURE SENSOR





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15365614
- Service Connector: 13585850
- Description: 3-Way F 2.8 Series, Sealed (BK)

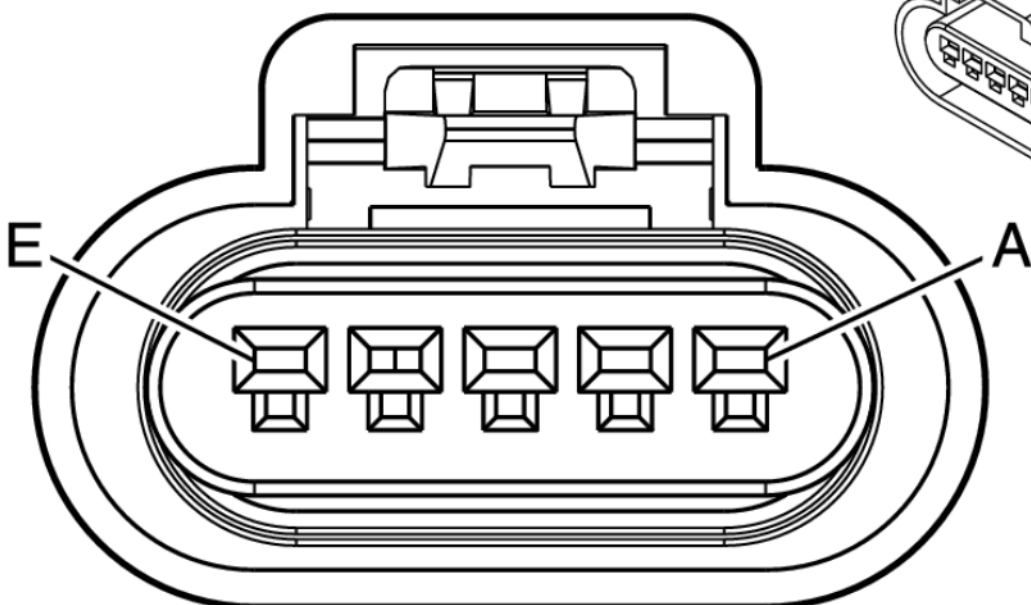
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/RD WH	2704	Manifold Absolute Pressure Sensor 5V Reference	I	LCV
	0.5		2704	Manifold Absolute Pressure Sensor 5V Reference	I	LFR
2	0.5	BK/GN WH	469	Manifold Absolute Pressure Sensor Low Reference	I	LCV
	0.5		469	Manifold Absolute Pressure Sensor Low Reference	I	LFR
3	0.5	GN/WH WH	432	Manifold Absolute Pressure Sensor Signal	I	LCV
	0.5		432	Manifold Absolute Pressure Sensor Signal	I	LFR

B75B MASS AIR FLOW/INTAKE AIR TEMPERATURE SENSOR





Connector Part Information

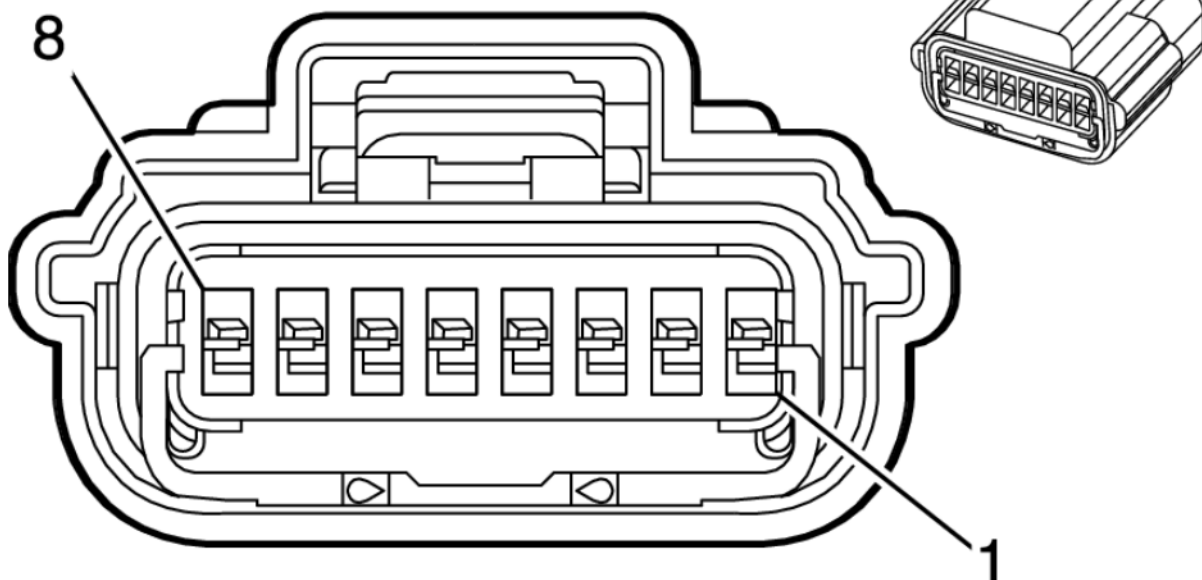
- Harness Type: Engine
- OEM Connector: 13519051
- Service Connector: 13585858
- Description: 5-Way F 150 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-
B	0.5	BK/WH	451	Signal Ground	I	-
C	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
D	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	-
E	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-

B75C MULTIFUNCTION INTAKE AIR SENSOR



Connector Part Information

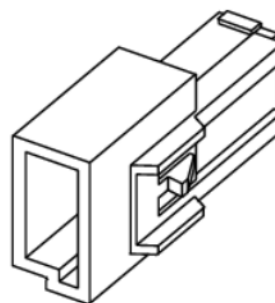
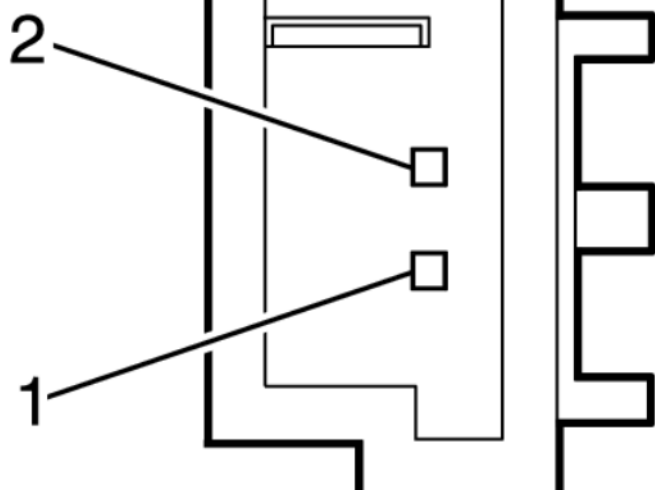
- Harness Type: Engine
- OEM Connector: 13774439
- Service Connector: 13583440
- Description: 8-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
2	0.5	WH/RD	3201	Throttle Inlet Absolute Pressure Sensor 5V Reference	I	-
3	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	-
4	0.5	YE/WH	3200	Throttle Inlet Absolute Pressure Sensor Signal	I	-
5	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
6	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-
7	0.5	BK/WH	451	Signal Ground	I	-
8	0.5	BN/GY	4008	Humidity Sensor Signal	I	-

B77LF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - LEFT FRONT



Connector Part Information

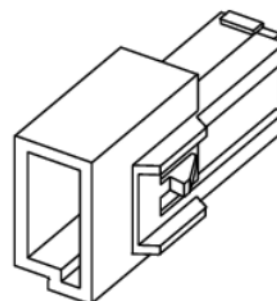
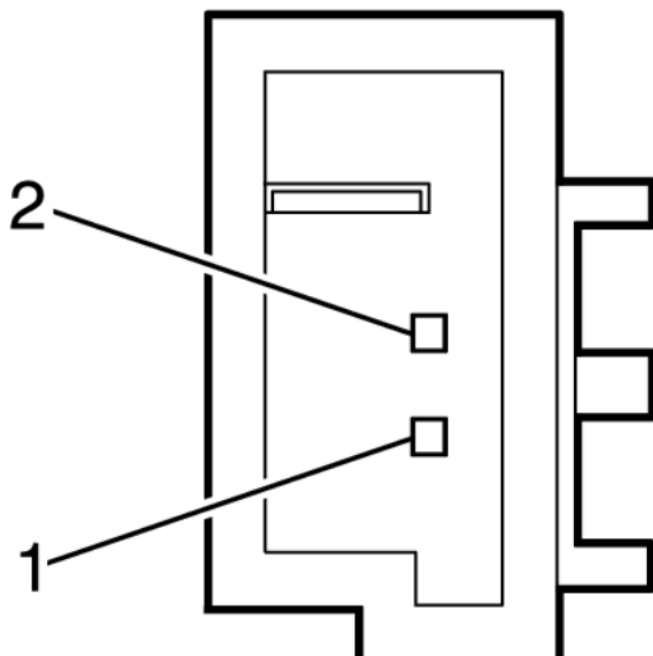
- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-
2	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-

B77R RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - REAR



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

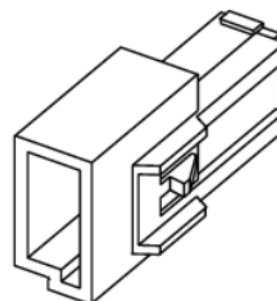
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
2	0.35	GY/D-BU	3007	Noise Reduction Microphone 3 Signal	I	-

B77RF RADIO VOLUME COMPENSATOR INTERIOR NOISE MICROPHONE - RIGHT FRONT



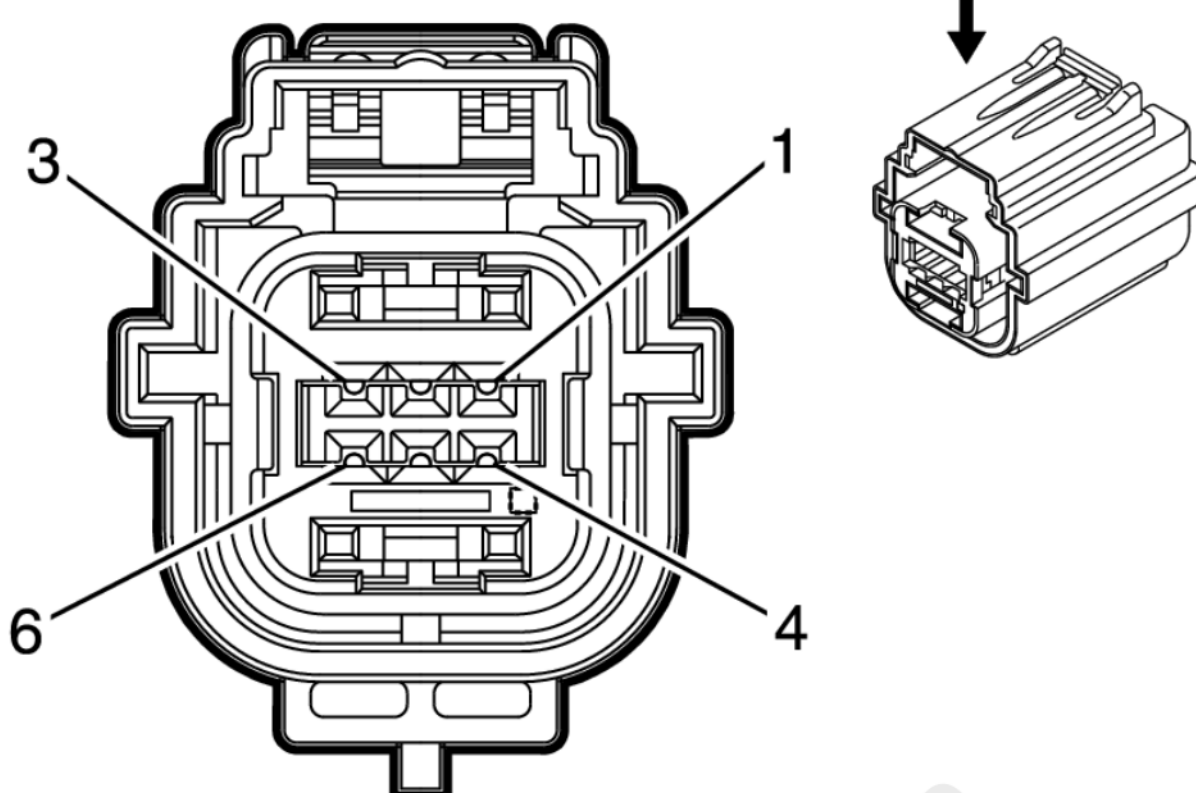


- Harness Type: Headliner
- OEM Connector: 13676029
- Service Connector: 19260825
- Description: 2-Way M 0.64 Series (BK)

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
2	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-

B87 REARVIEW CAMERA



Connector Part Information

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

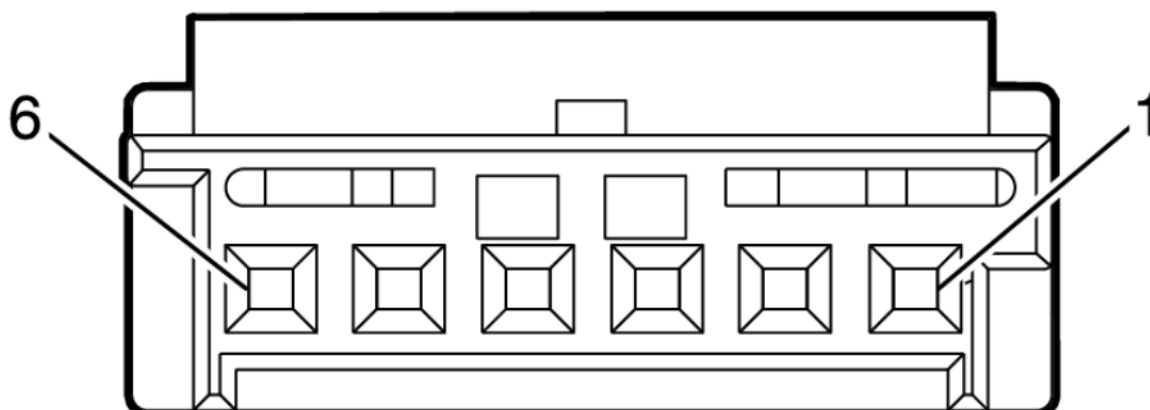
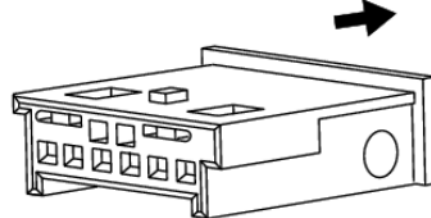
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B99 STEERING WHEEL ANGLE SENSOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10820415
- Service Connector: 13505903
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

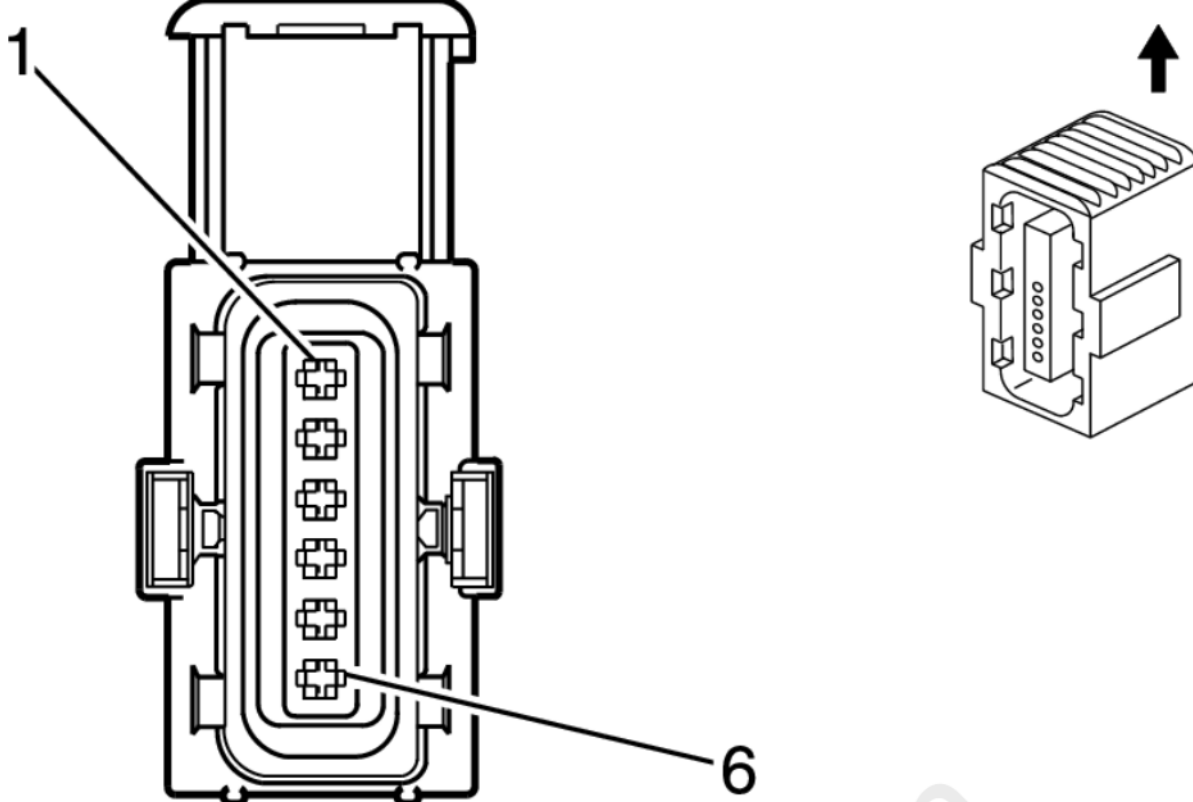
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
2	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
4	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
5	0.35	BK/BN	6045	Steering Angle Sensor Low Reference	I	-
6	0.35	BK	1650	Ground	I	-

B107 ACCELERATOR PEDAL POSITION SENSOR





Connector Part Information

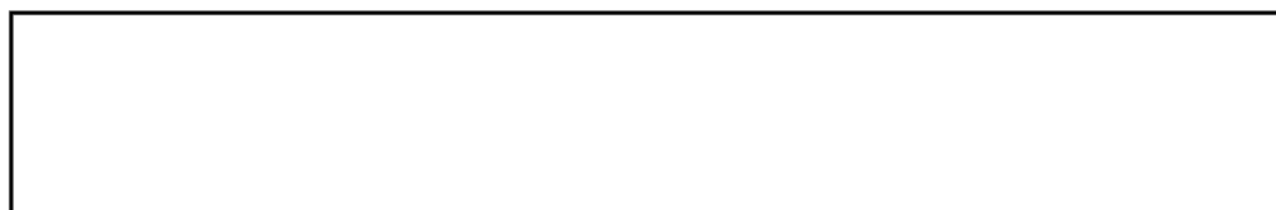
- Harness Type: Instrument Panel
- OEM Connector: 15383136
- Service Connector: 13580116
- Description: 6-Way F 1.2 Micro-Timer Series, Sealed (BK)

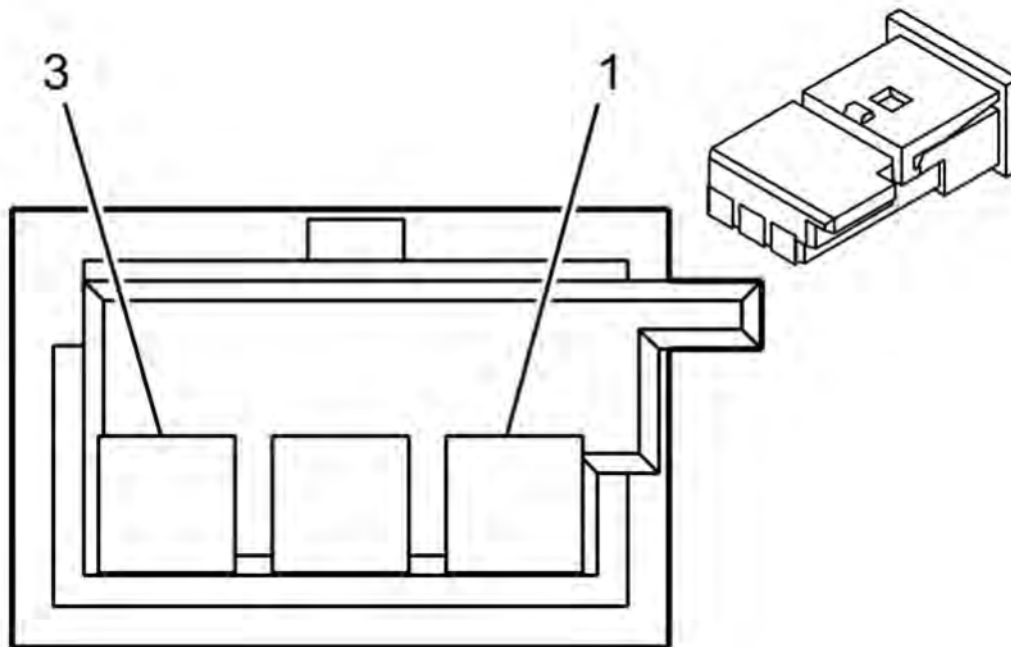
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B110 BATTERY SENSOR MODULE X1





Connector Part Information

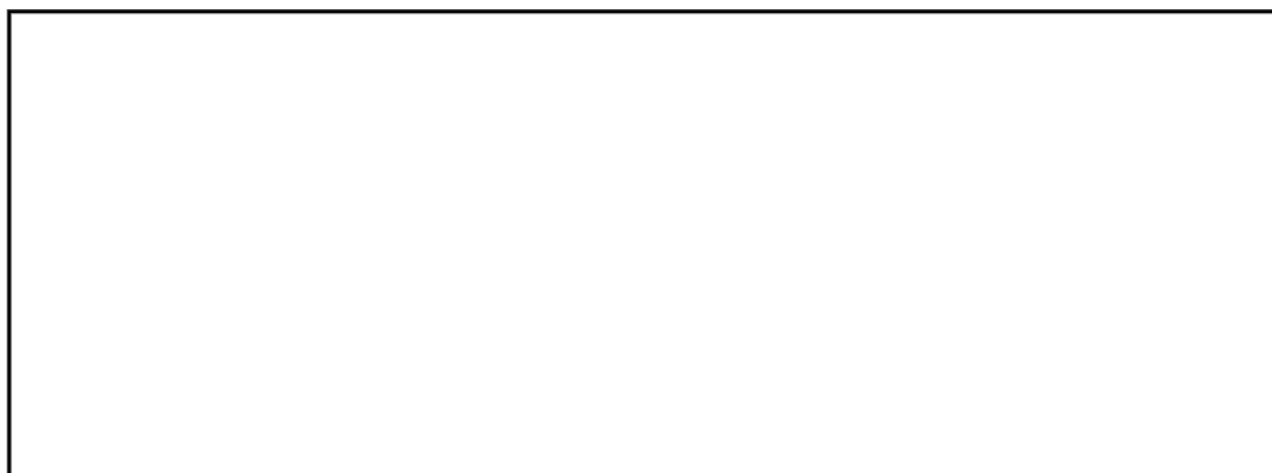
- Harness Type: Rain Sensor Jumper Harness
- OEM Connector: 13153088
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Micro-Quadlock Series (BK)

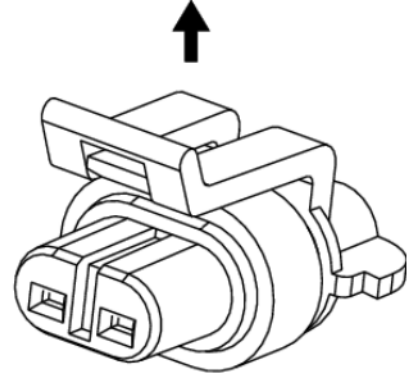
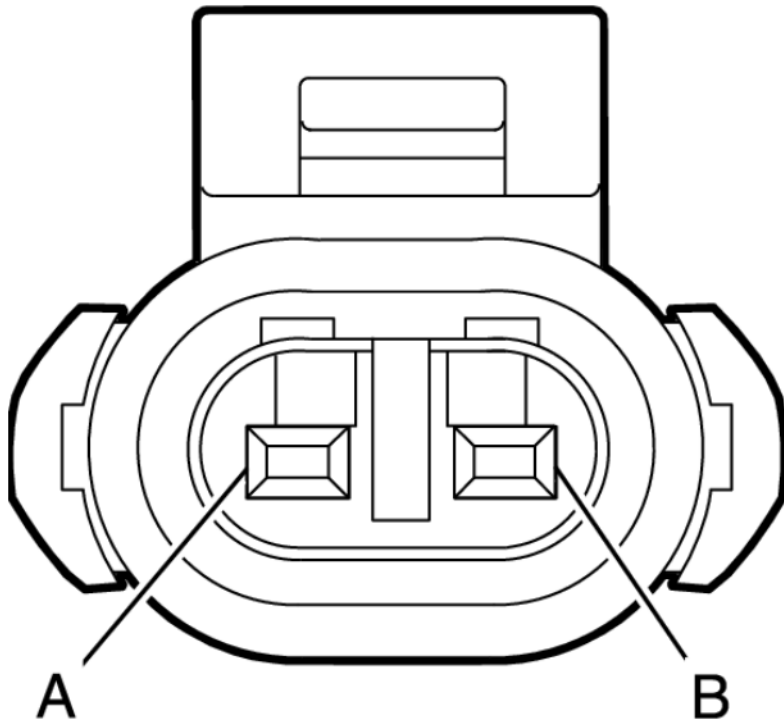
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	GN/BN RD/GN	6132 1540	Local Interconnect Network Serial Data Bus 1 Battery Positive Voltage	I I	CE1+C3U CE1+ULG
2	0.5	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	I	-
3	0.5	BK	450	Ground	I	-

B118B WINDSHIELD WASHER FLUID LEVEL SWITCH





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 12158214
- Service Connector: 13580106
- Description: 2-Way F 150 Metri-Pack Series, Sealed (BK)

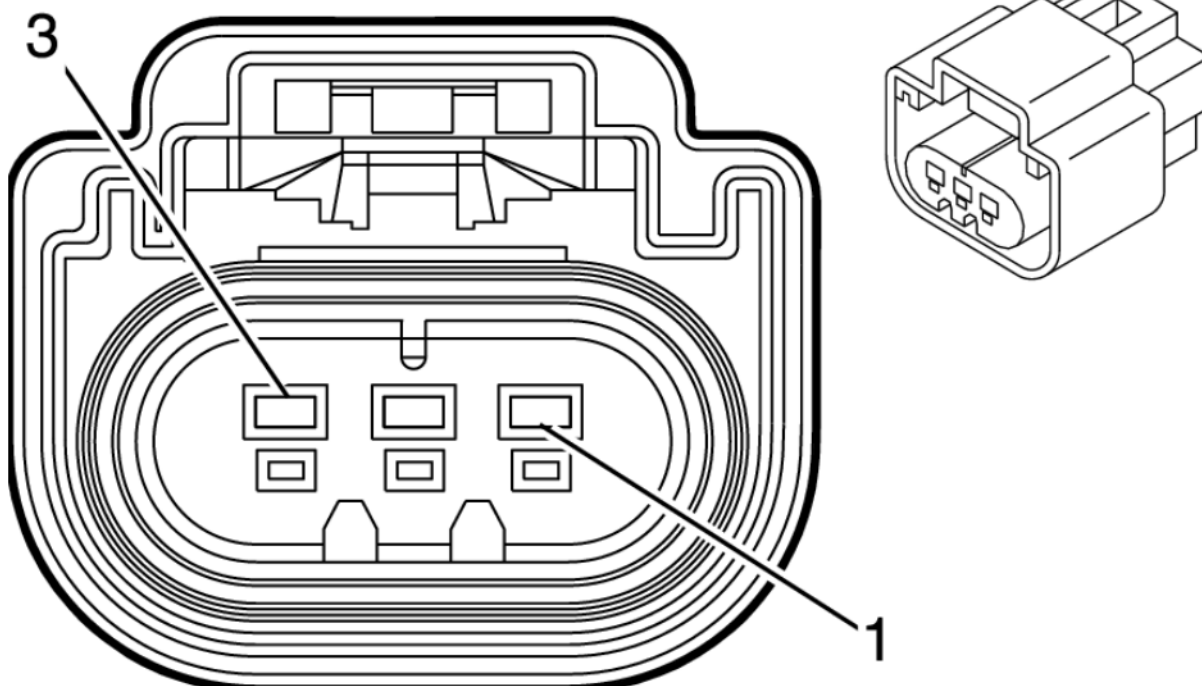
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	VT	185	Low Washer Fluid Indicator Control	I	-
B	0.5	BK	1150	Ground	I	-

B150 FUEL TANK PRESSURE SENSOR





Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13511996
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 GT Series, Sealed (GY)

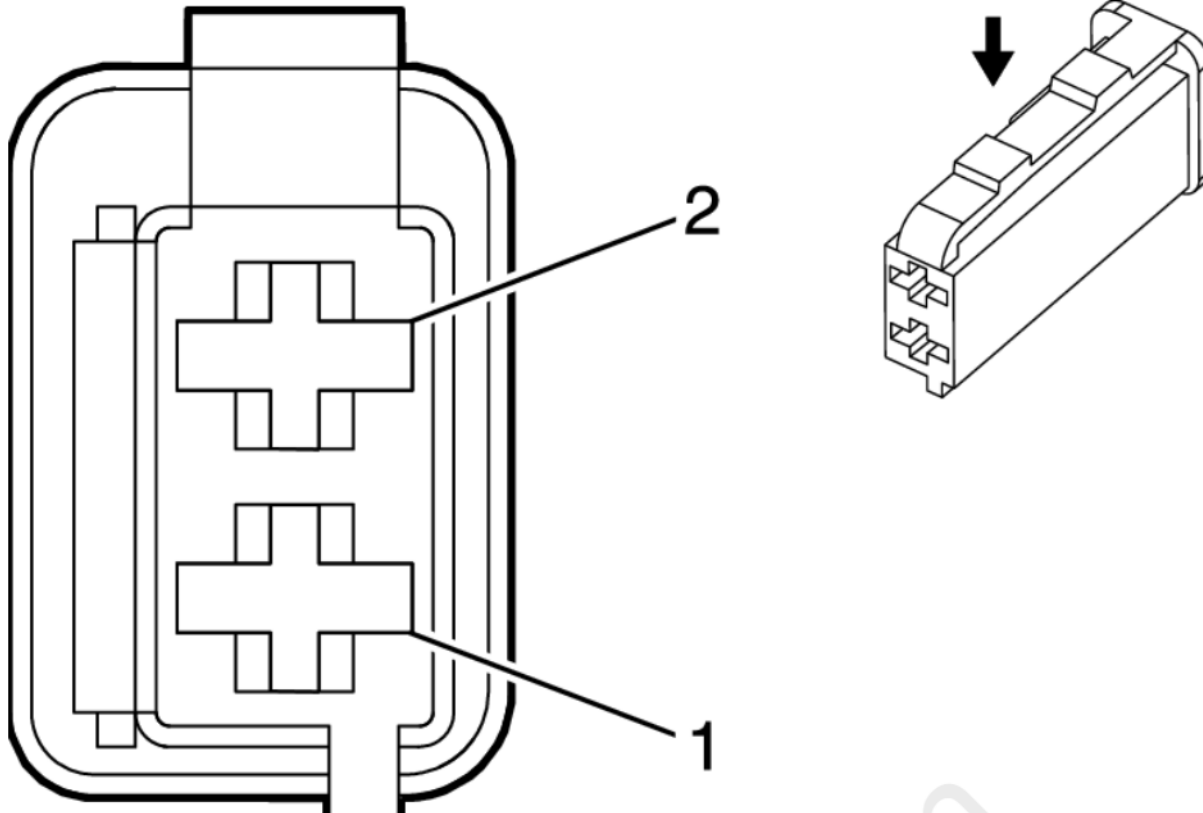
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B153D SEAT BELT BUCKLE - DRIVER





Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

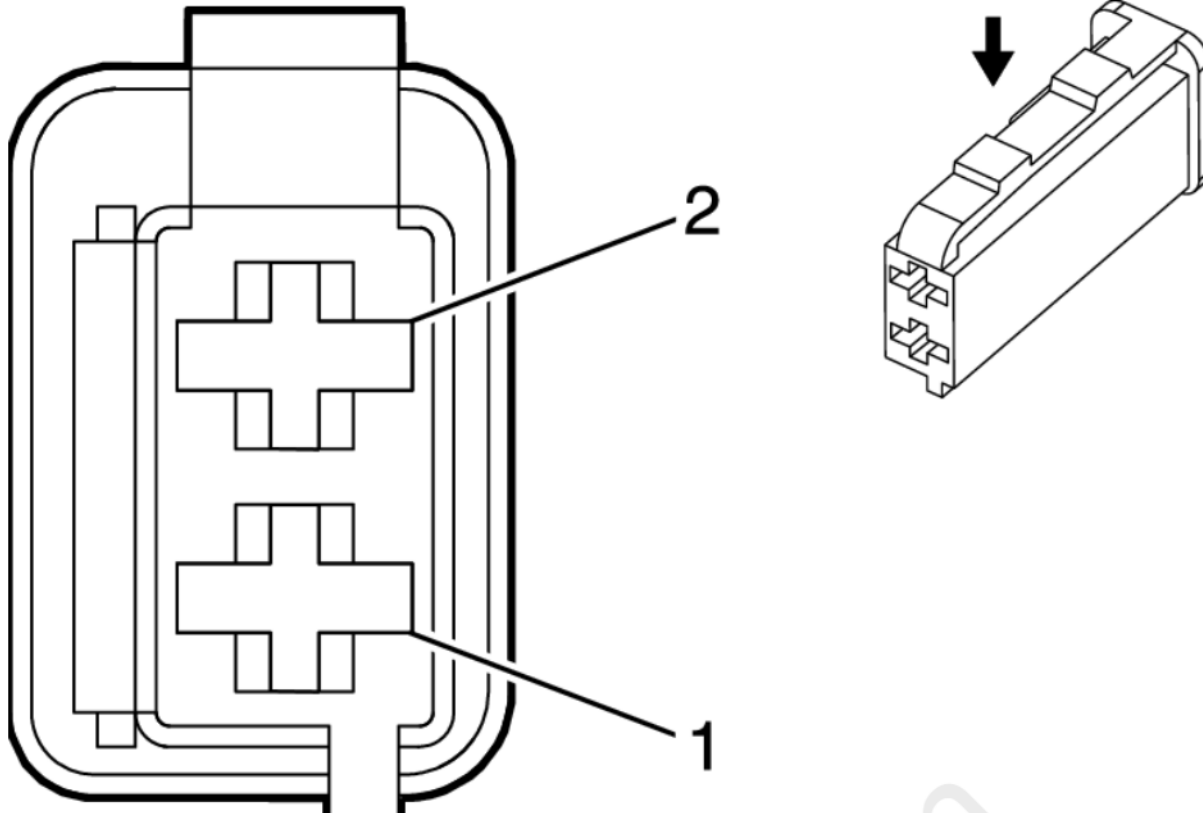
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	OG/BN	238	Driver Seat Belt Switch Signal	I	-

B153P SEAT BELT BUCKLE - PASSENGER





Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 19179871
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-

B160 WINDSHIELD TEMPERATURE AND INSIDE MOISTURE SENSOR

Connector Part Information

- Harness Type: Rain Sensor Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F

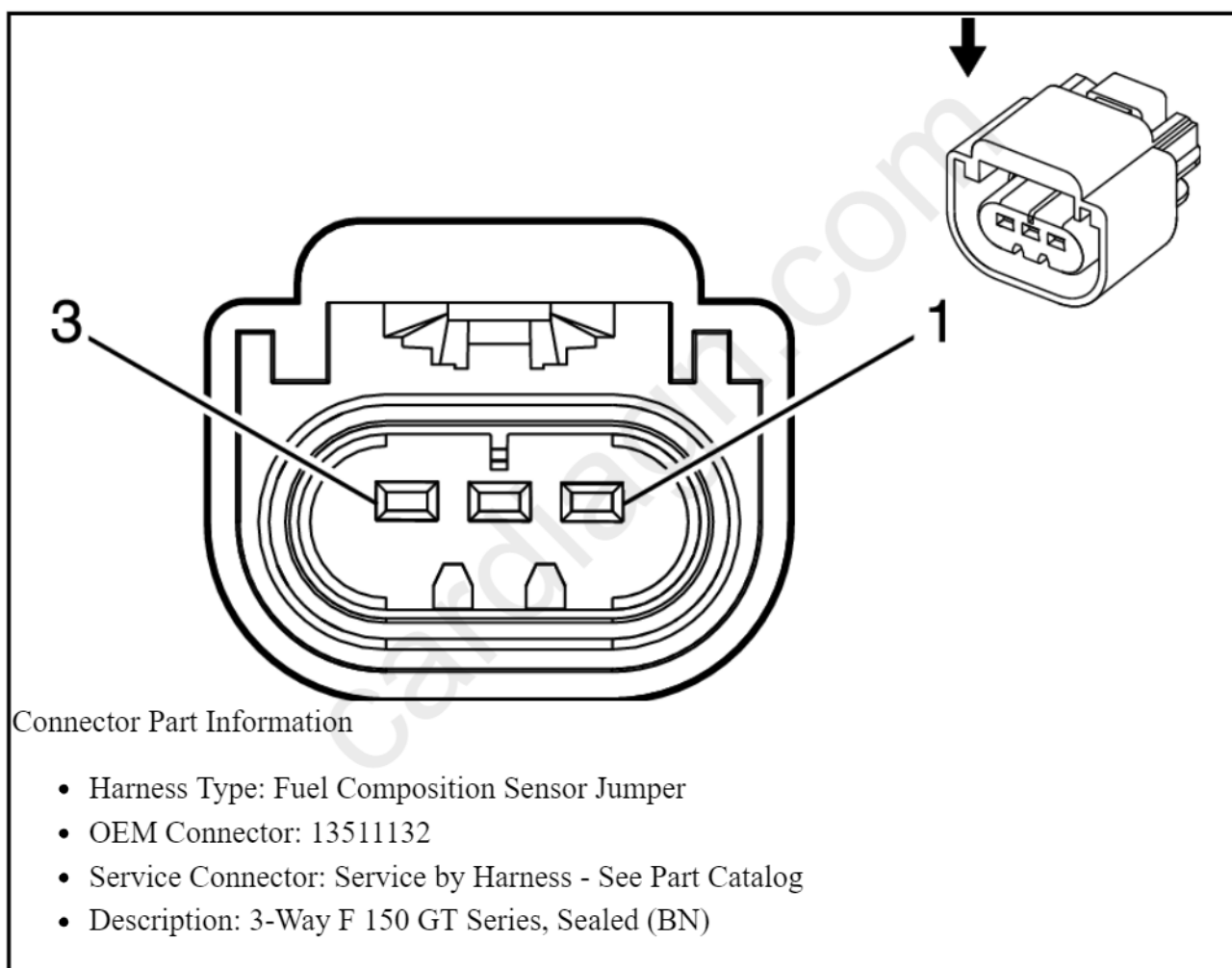
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/RD	597	5V Reference	I	-
2	0.35	GY/BU	7564	Humidity Sensor Signal	I	-
3	0.35	BK/BU	7566	Humidity/Windscreen Temp Sensor Low Reference	I	-
4	0.35	GY/GN	7565	Windscreen Temp Sensor Signal	I	-
5	0.35	YE/BU	3197	Humidity Temperature Sensor Signal	I	-

B198 FUEL COMPOSITION SENSOR



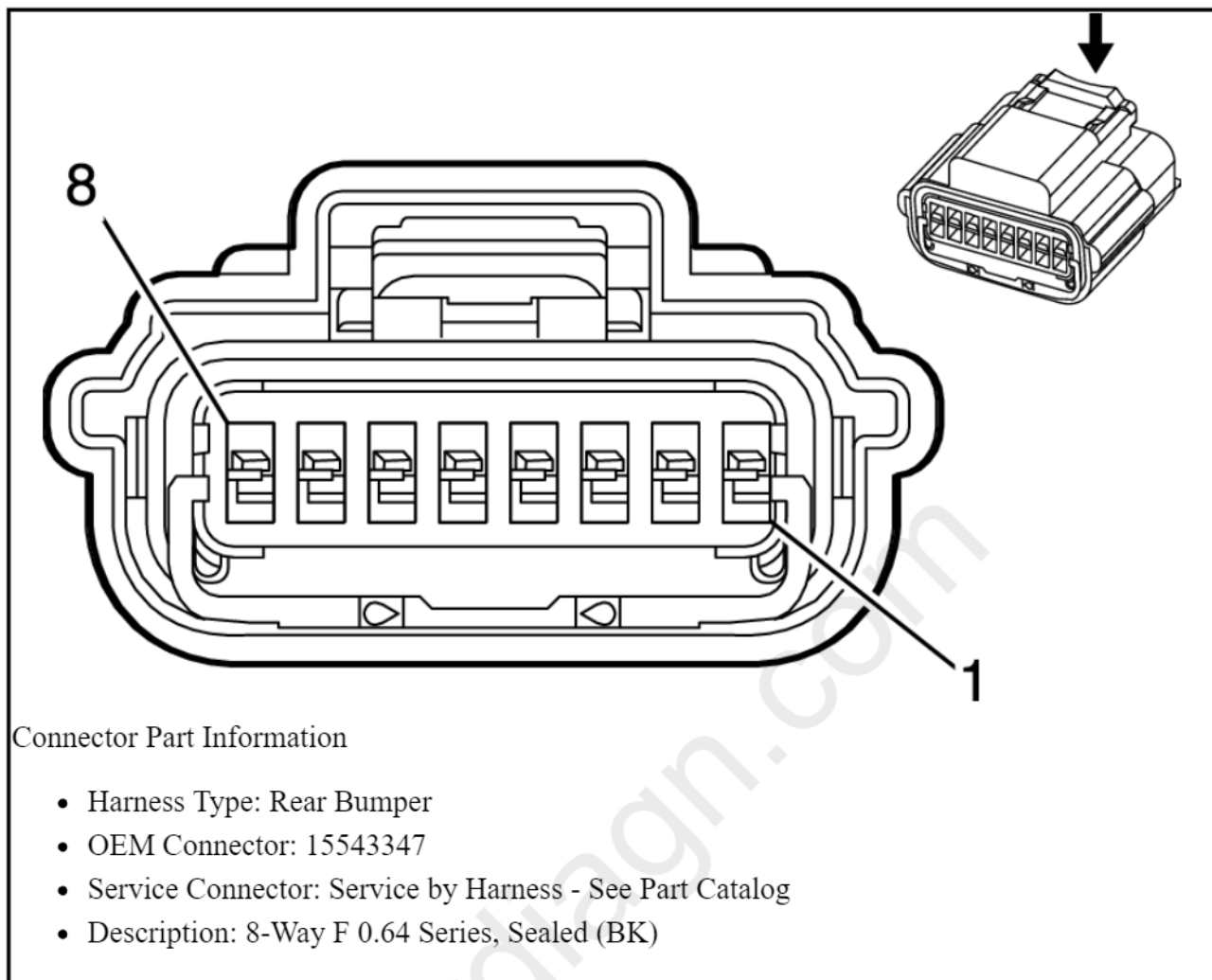
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	5294	Powertrain Main Relay Fused Supply	I	-
2	0.5	BK	1350	Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.5	WH	1579	Fuel Temperature/Composition Signal	I	-

B218L SIDE OBJECT SENSOR MODULE - LEFT

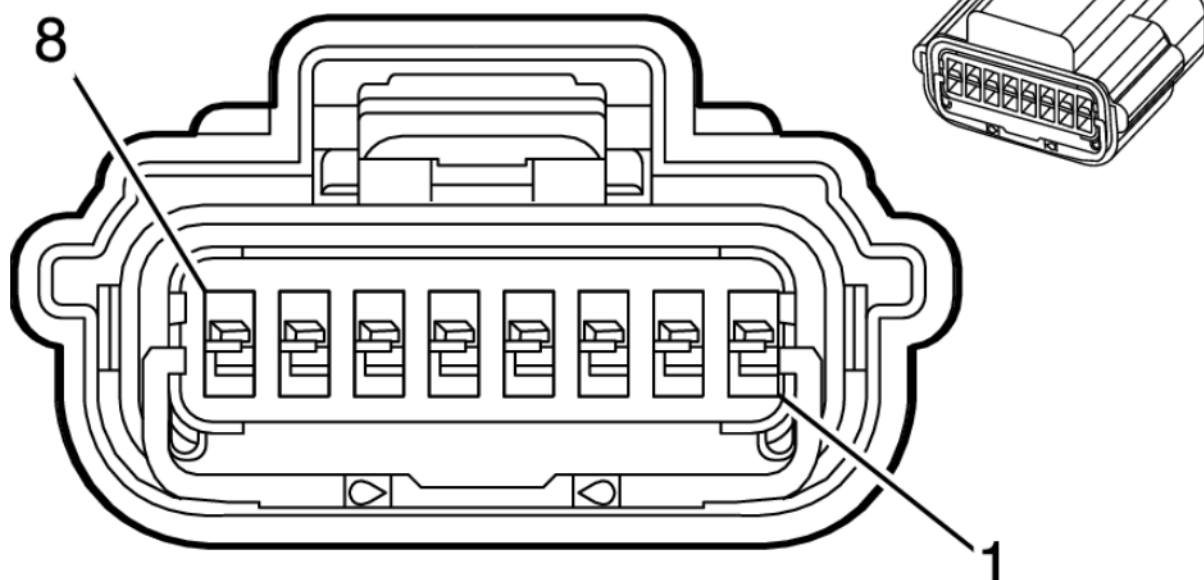


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GN/BK	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GY/YE	5853	Driver Side Object Detection LED Signal 1	I	-
5	0.35	RD/GN	3140	Battery Positive Voltage	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8	0.35	BK	2350	Ground	I	-

B218R SIDE OBJECT SENSOR MODULE - RIGHT



Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 15543346
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series, Sealed (BK)

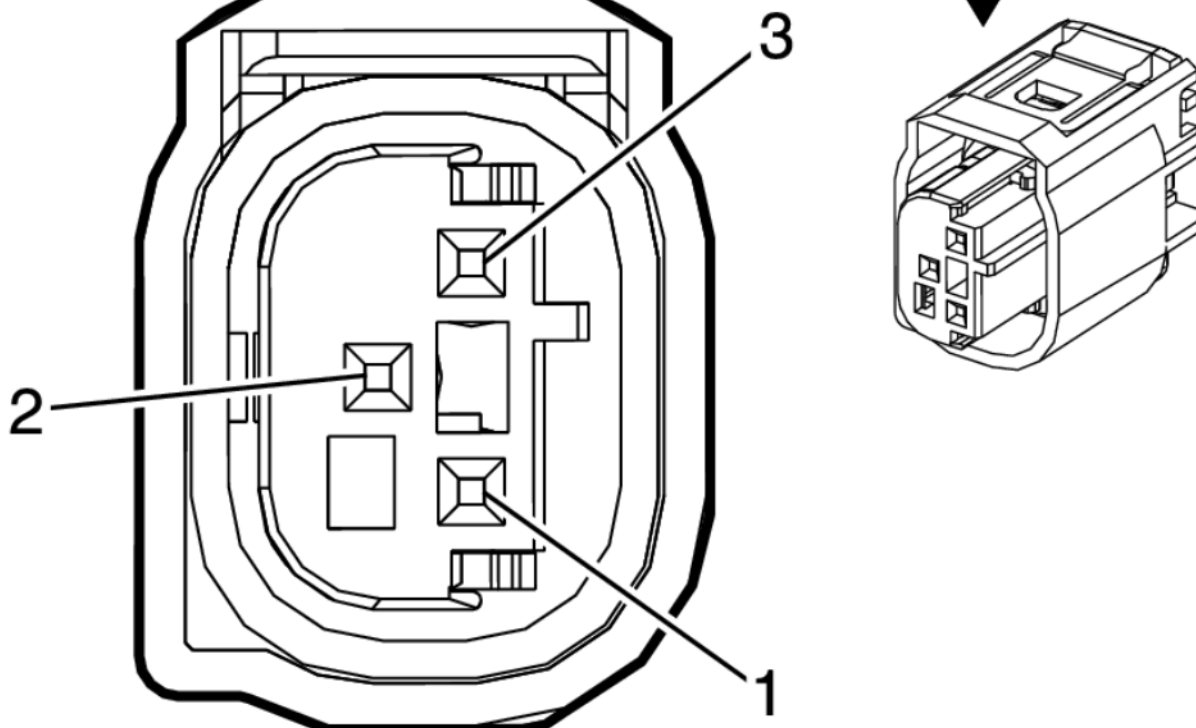
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK	2350	Ground	I	-
4	0.35	GY	5861	Passenger Side Object Detection LED Signal 1	I	-
5	0.35	RD/GN	3140	Battery Positive Voltage	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8	0.35	BK	2350	Ground	I	-

B221 ALTERNATIVE FUEL TANK PRESSURE SENSOR





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15324236
- Service Connector: 13584422
- Description: 3-Way F MQS Socket Housing, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/BU	5631	Alternative Fuel Tank Sensor Low Reference	I	-
2	0.5	GN/GY	5633	Alternative Fuel Tank Pressure Signal	I	-
3	0.5	VT/RD	5634	Alternative Fuel Tank Sensor 5V Reference	I	-

B229 ALTERNATIVE FUEL RAIL PRESSURE/TEMPERATURE SENSOR

Connector Part Information

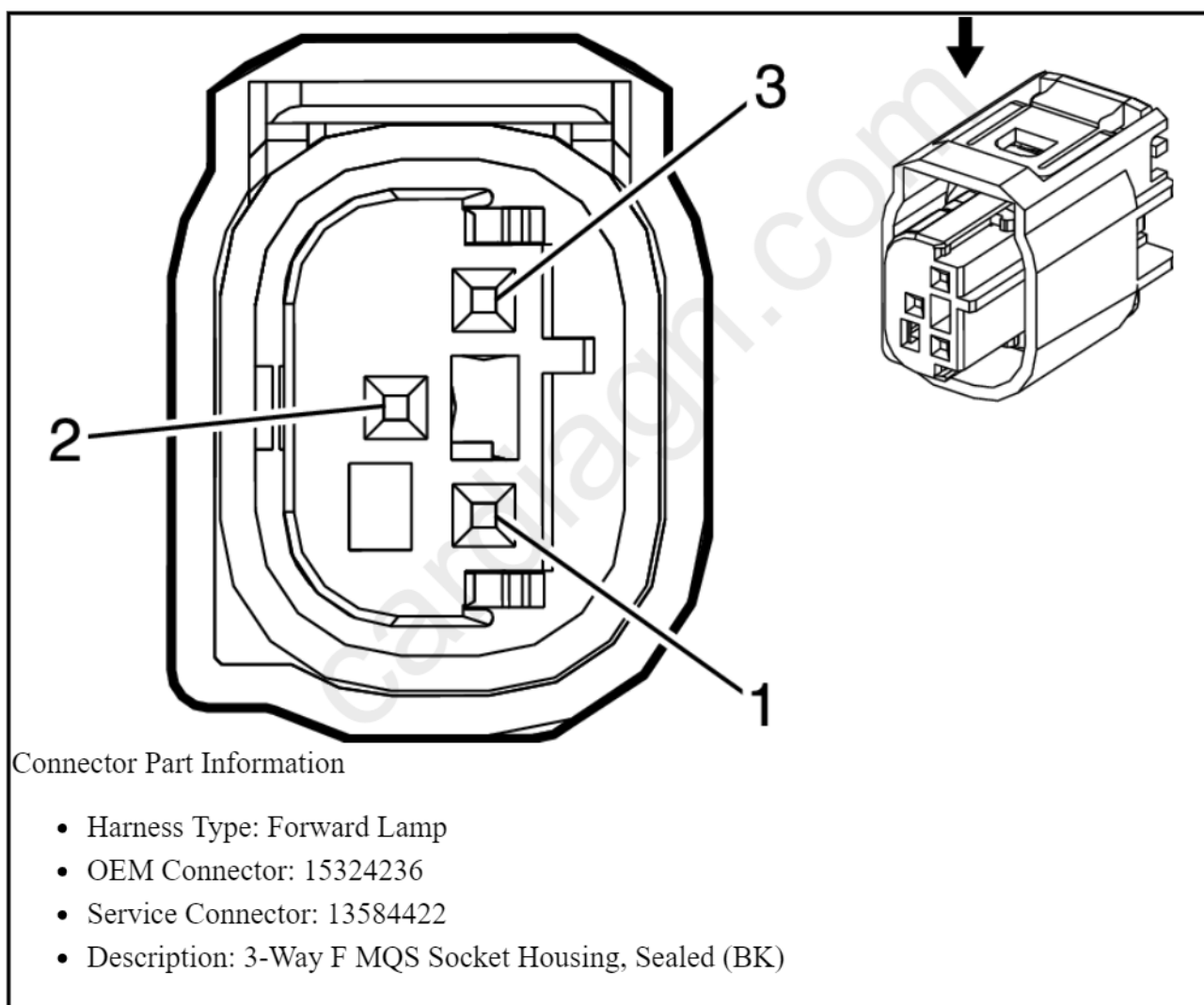
- Harness Type: Fuel Injector Rail
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-
B	0.5	BK/GN	2162	Fuel Rail Pressure Sensor 2 Low Reference	I	-
C	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-
D	0.5	BN/YE	2161	Fuel Rail Pressure Sensor 2 Signal	I	-

B221 ALTERNATIVE FUEL TANK PRESSURE SENSOR



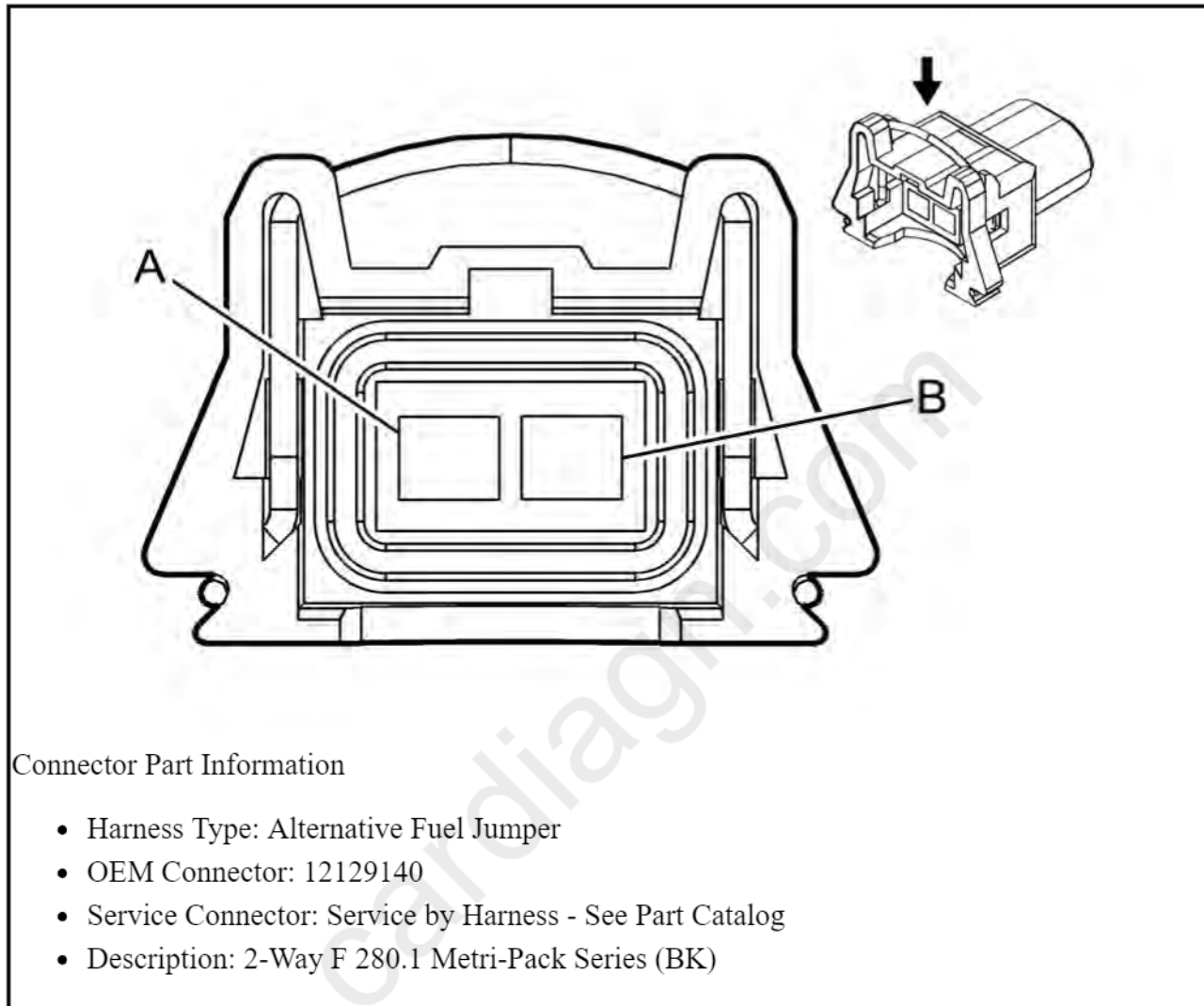
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/D-BU	5631	Alternative Fuel Tank Sensor Low Reference	I	-
2	0.5	L-GN/GY	5633	Alternative Fuel Tank Pressure Signal	I	-
3	0.5	VT/RD	5634	Alternative Fuel Tank Sensor 5 Volt Reference	I	-

B263 ALTERNATIVE FUEL TANK TEMPERATURE SENSOR

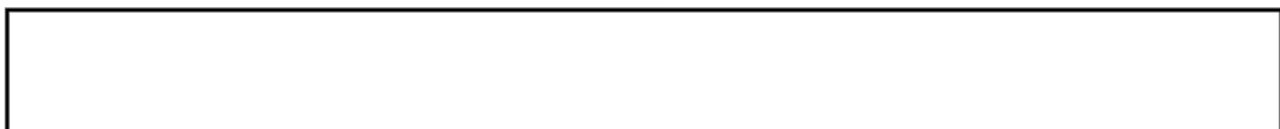


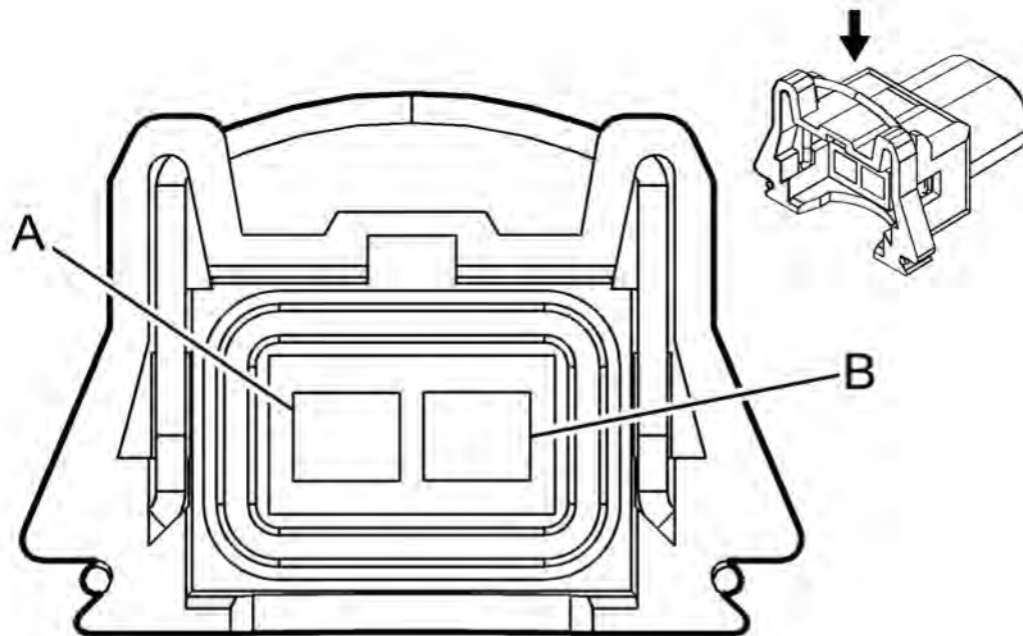
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK/GN	4392	Alternative Fuel Tank Temperature Sensor Reference	I	-
B	0.5	BU/BN	5632	Alternative Fuel Tank Temperature Signal	I	-

B263 ALTERNATIVE FUEL TANK TEMPERATURE SENSOR (LFR)





Connector Part Information

- Harness Type: Alternative Fuel Jumper
- OEM Connector: 12129140
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280.1 Metri-Pack Series (BK)

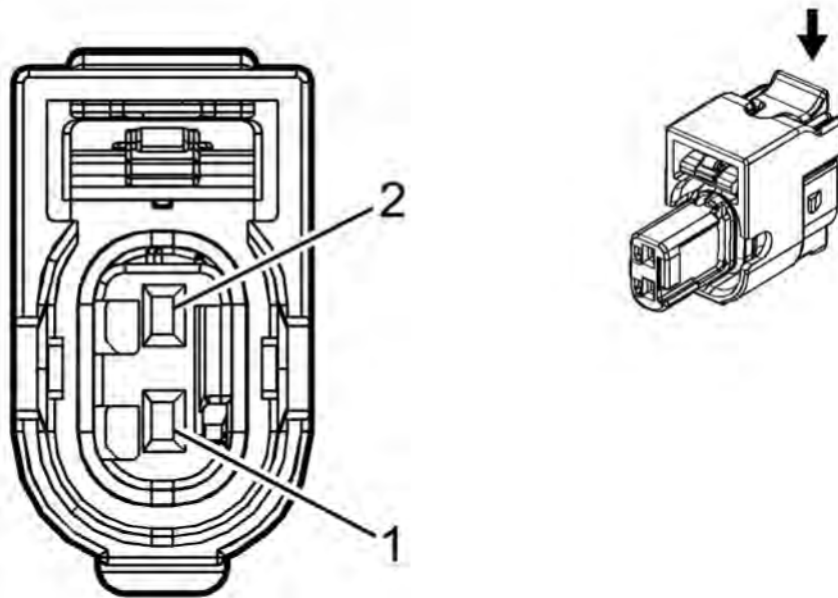
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK/GN	4392	Alternative Fuel Tank Temperature Sensor Reference	I	-
B	0.5	BU/BN	5632	Alternative Fuel Tank Temperature Signal	I	-

B280 AUTOMATIC TRANSMISSION ACCUMULATOR SOLENOID VALVE





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13991716
- Service Connector: 19332597
- Description: 2-Way F 1.2 MCP Series, Sealed (BN)

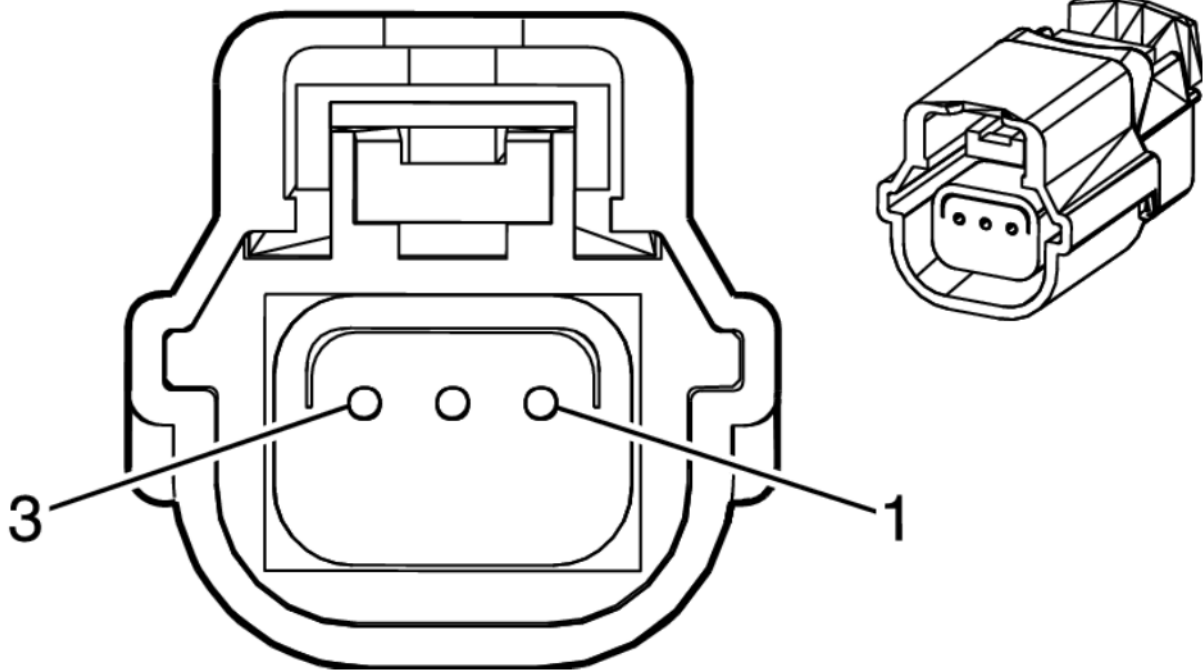
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5294	Powertrain Main Relay Fused Supply 5	I	-
2	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	I	-

B306E PARKING ASSIST SENSOR - REAR LEFT OUTER





Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

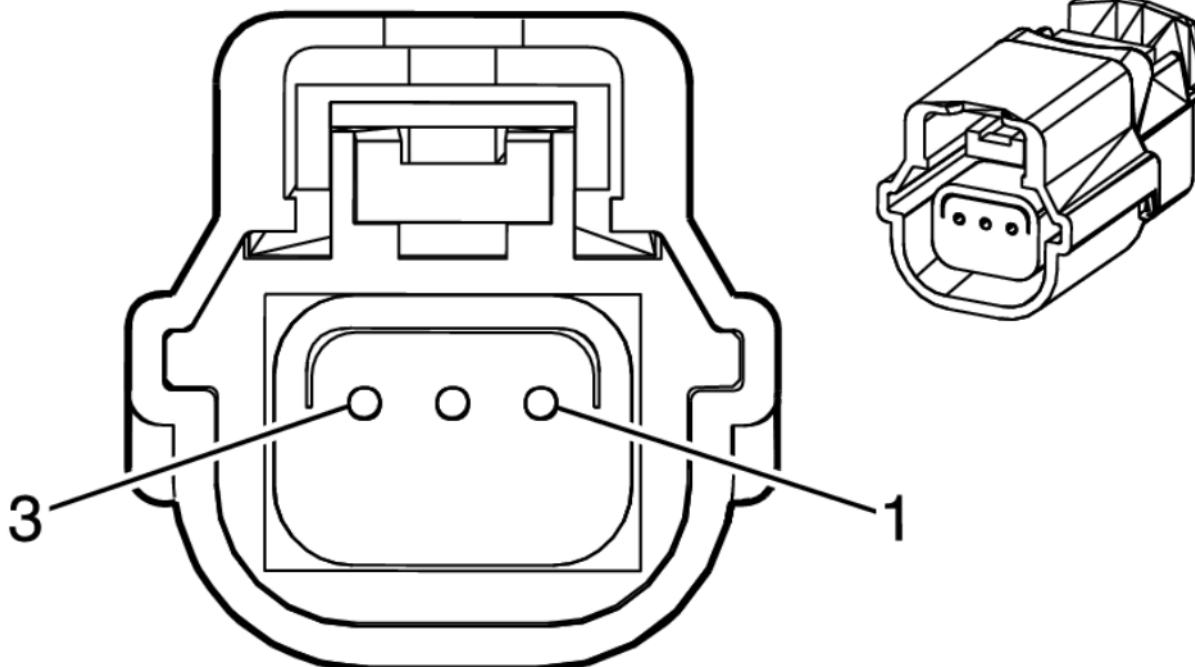
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B306F PARKING ASSIST SENSOR - REAR LEFT MIDDLE





Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

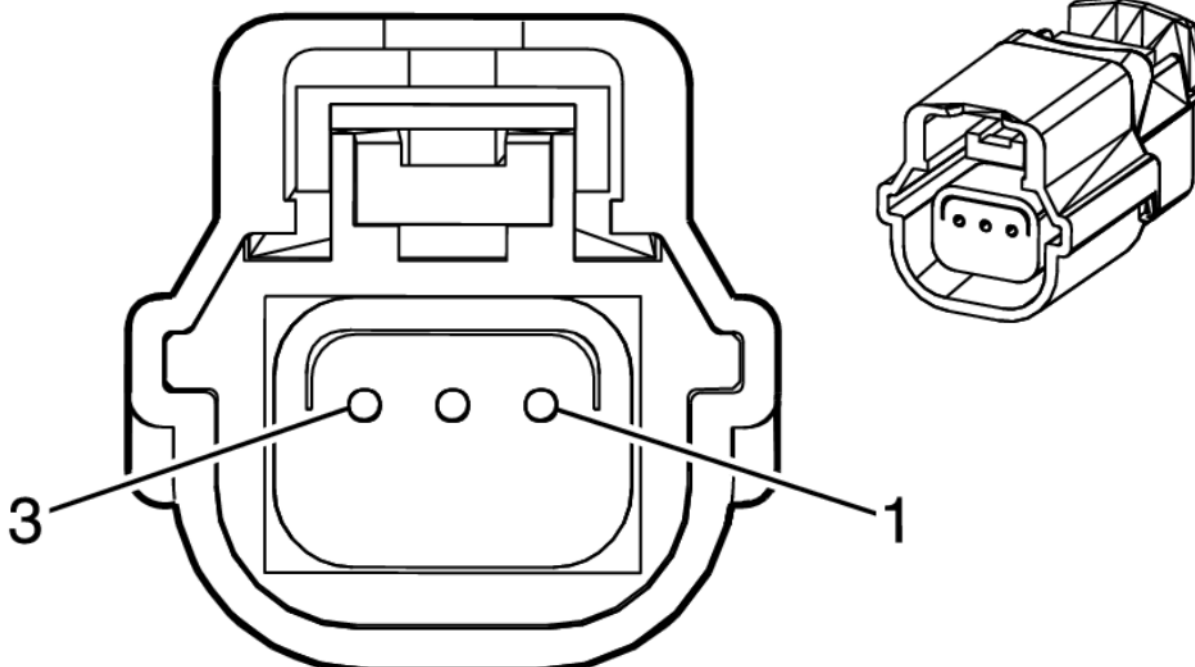
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

B306G PARKING ASSIST SENSOR - REAR RIGHT MIDDLE





Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 13512481
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

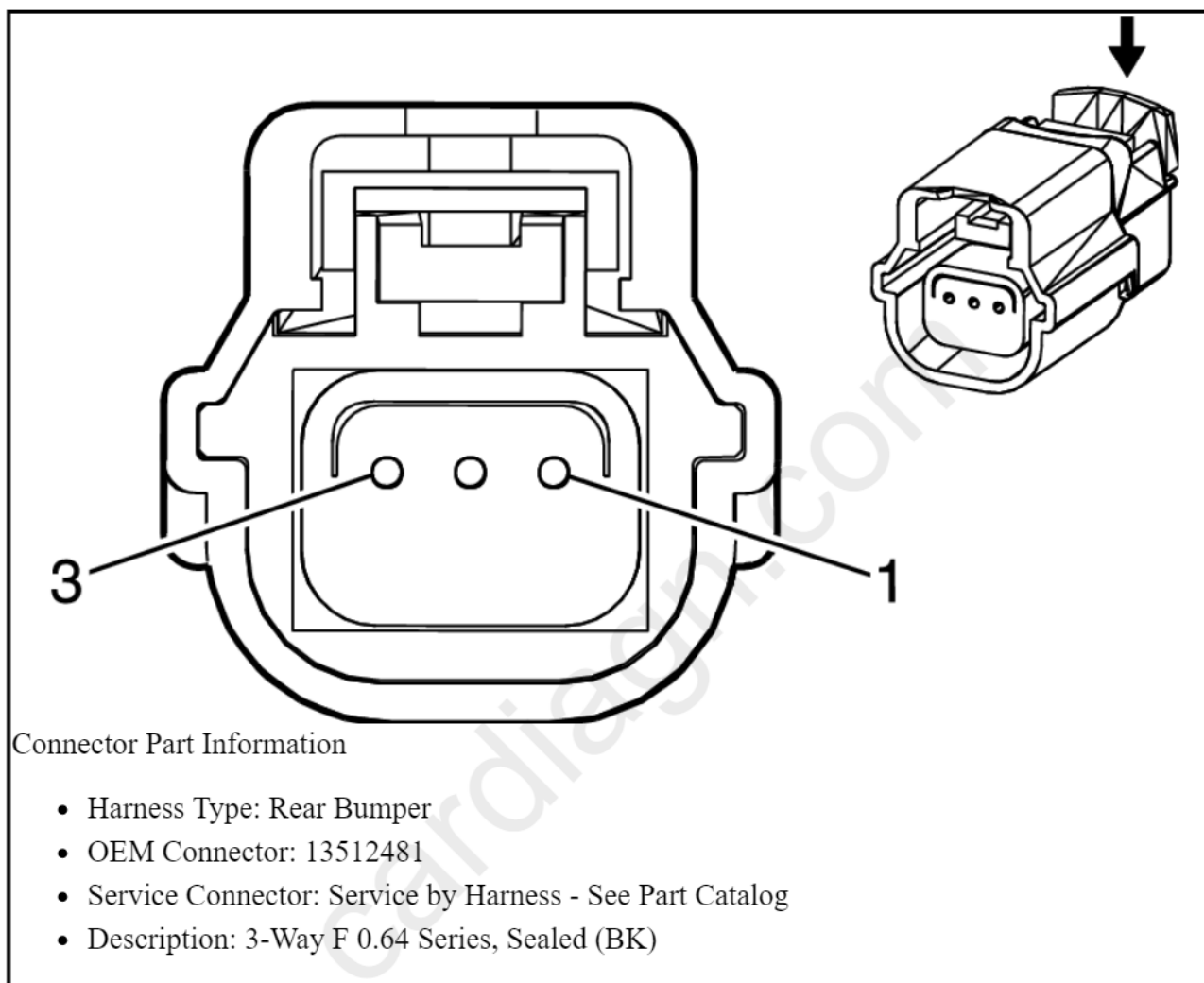
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/WH	2374	Object Sensor Control	I	-
2	0.5	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
3	0.5	BK/GY	2379	Object Sensor Low Reference	I	-

2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

B306H PARKING ASSIST SENSOR - REAR RIGHT OUTER



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

C1 BATTERY (-) (BATTERY NEGATIVE)

Connector Part Information

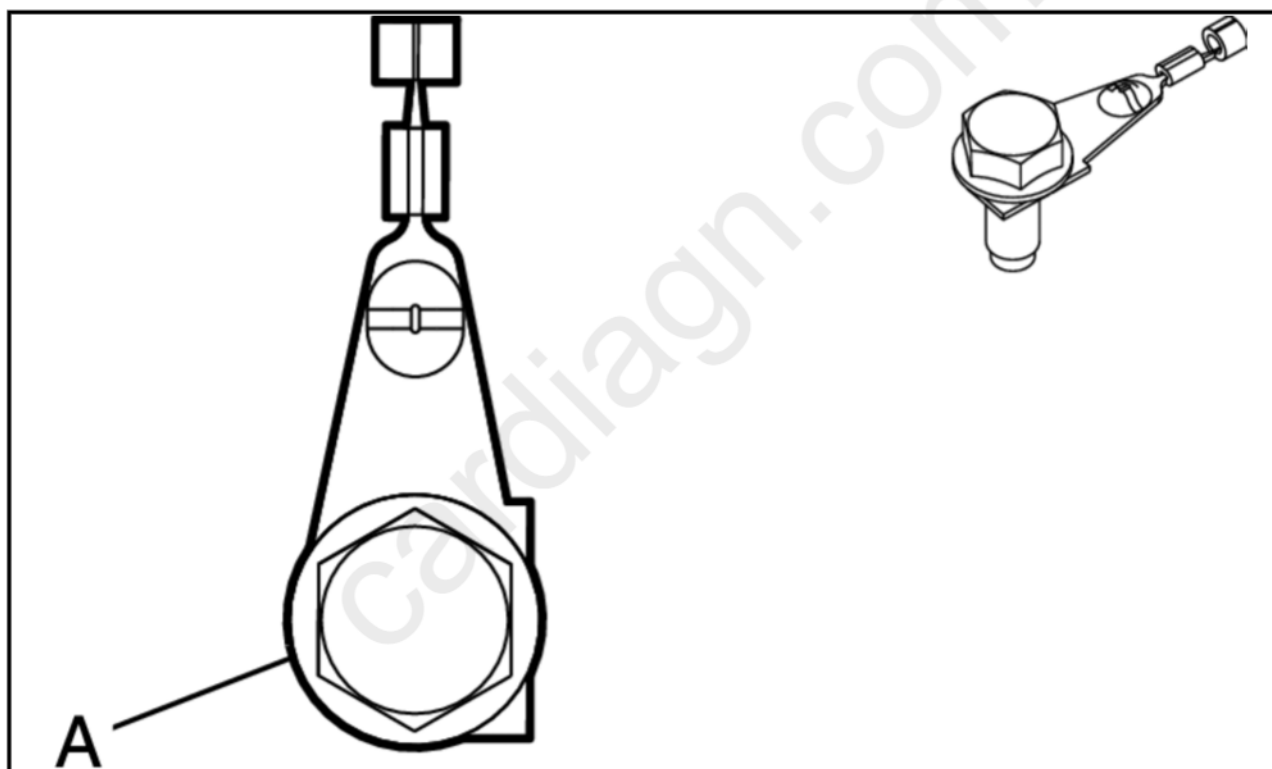
- Harness Type: Battery Negative Cable
- OEM Connector: 13260848
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	35	BK	150	Ground	I	-

C1 BATTERY (-) (BODY HARNESS)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13743391
- Service Connector: Not Available
- Description: Ring Terminal

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.75	BK	150	Ground	I	-

C1 BATTERY (+)

-

Connector Part Information

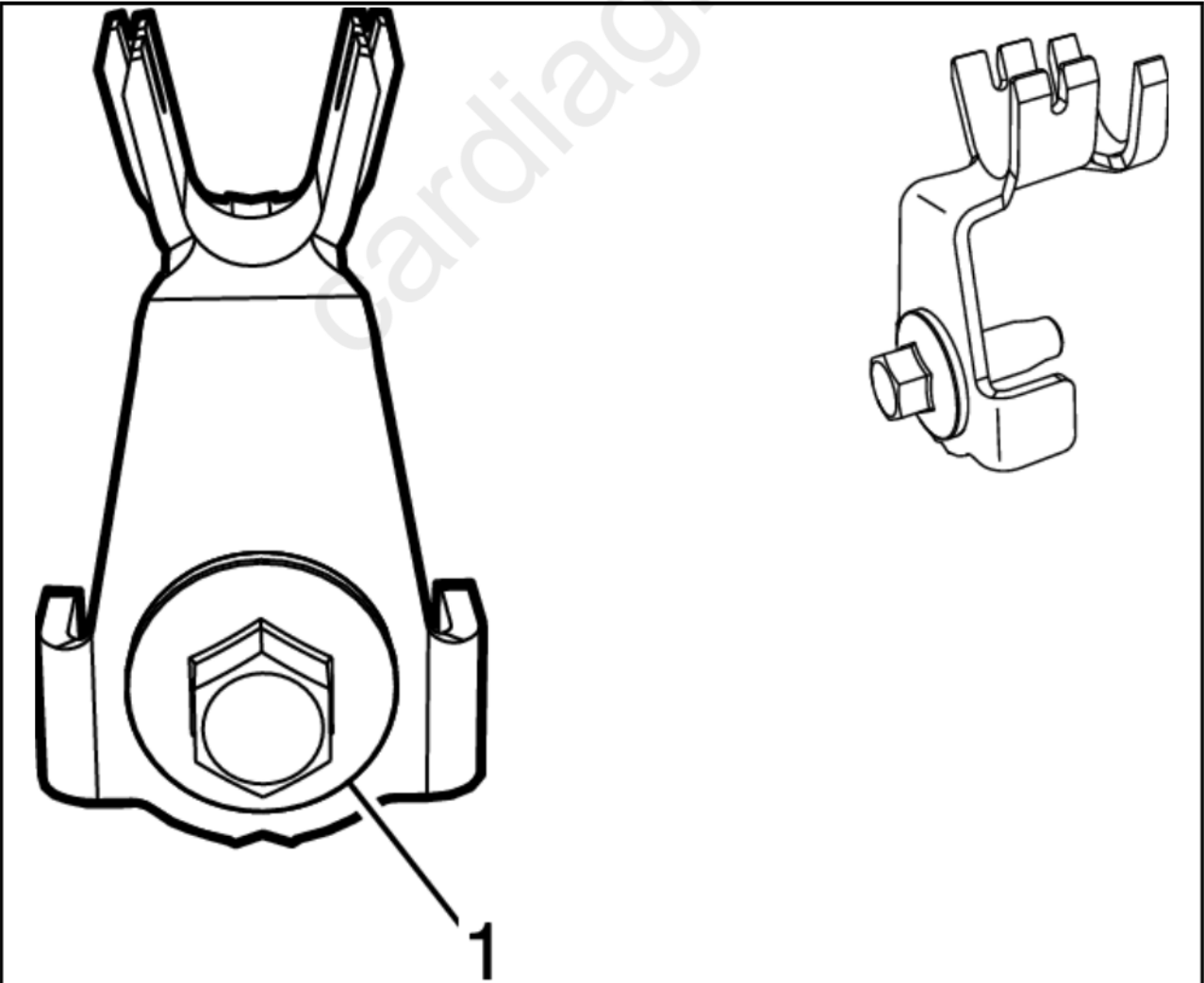
- Harness Type: Fuse Block - Battery
- OEM Connector: 13596106
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Ring Terminal

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	35	RD	1	Unfused Battery Positive Voltage	I	-

C1B BATTERY - AUXILIARY (+) (KL9)



Connector Part Information

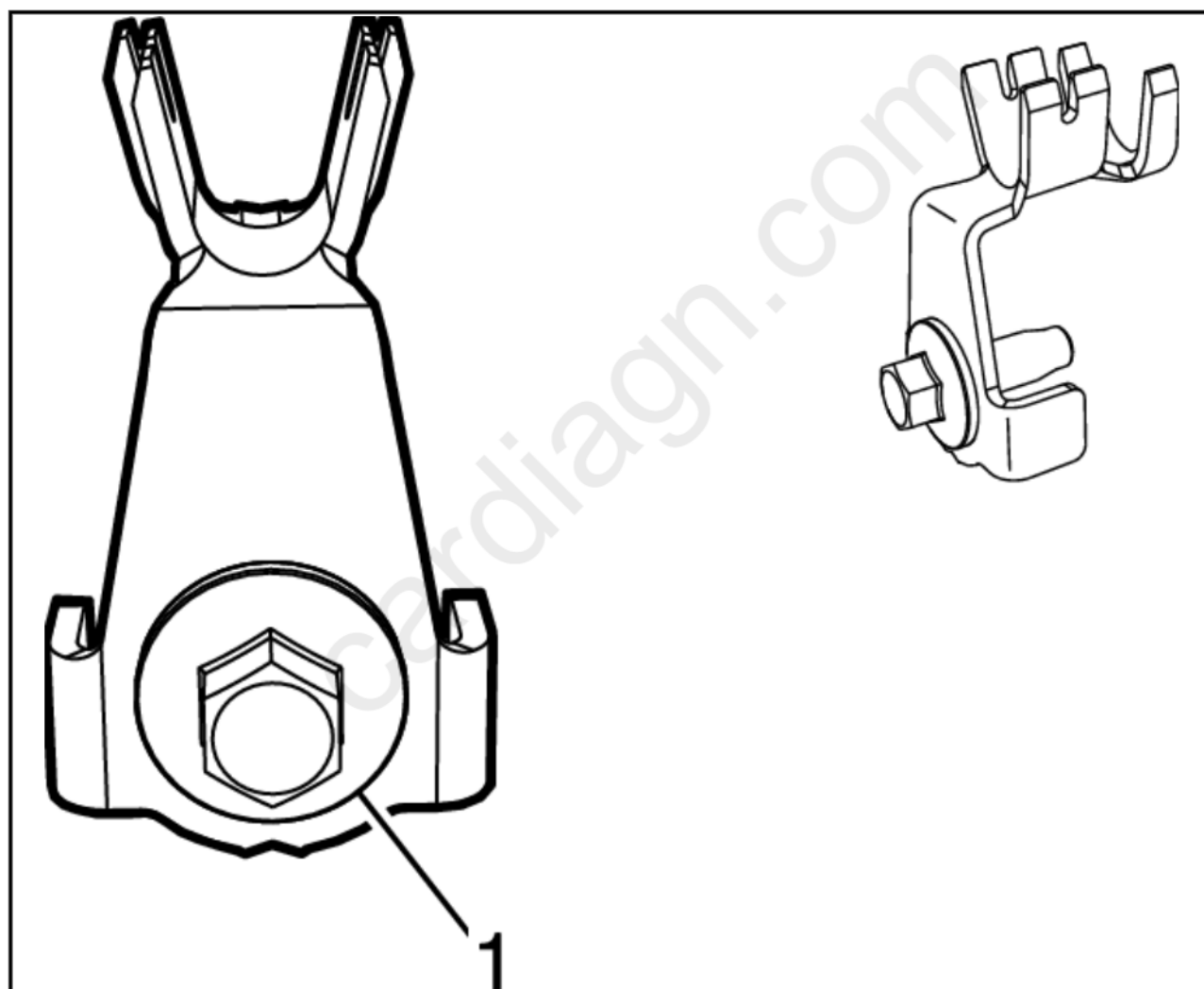
- Harness Type: Body
- OEM Connector: 13982198
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	25	RD/GN	1202	Battery Positive Voltage	I	-

C1B BATTERY - AUXILIARY (-) (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13982198
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

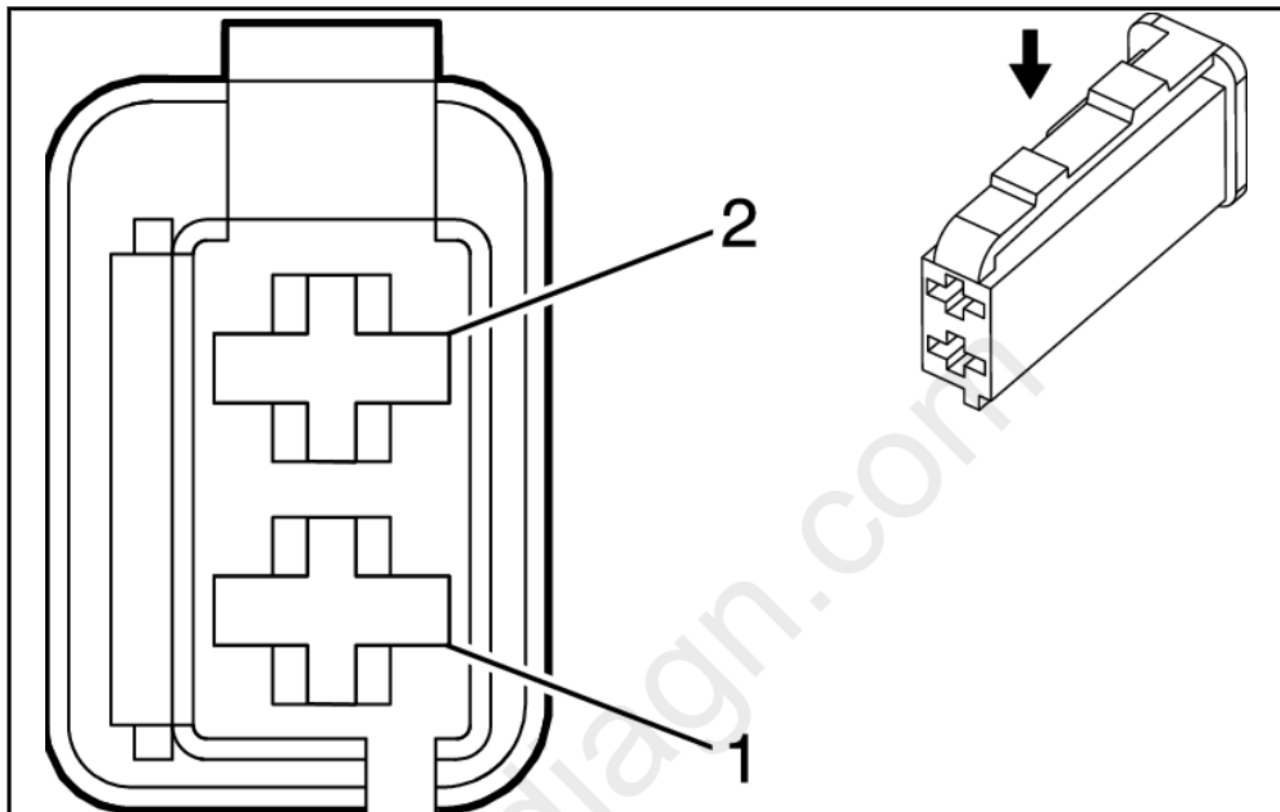
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	25	RD/GN	1202	Battery Positive Voltage	I	-

E1C ACCENT LAMP - DRIVER DOOR HANDLE



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

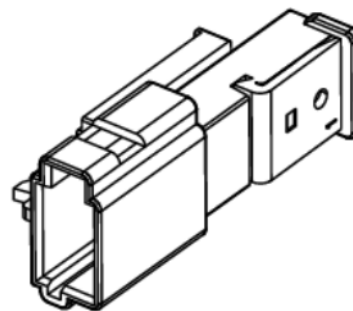
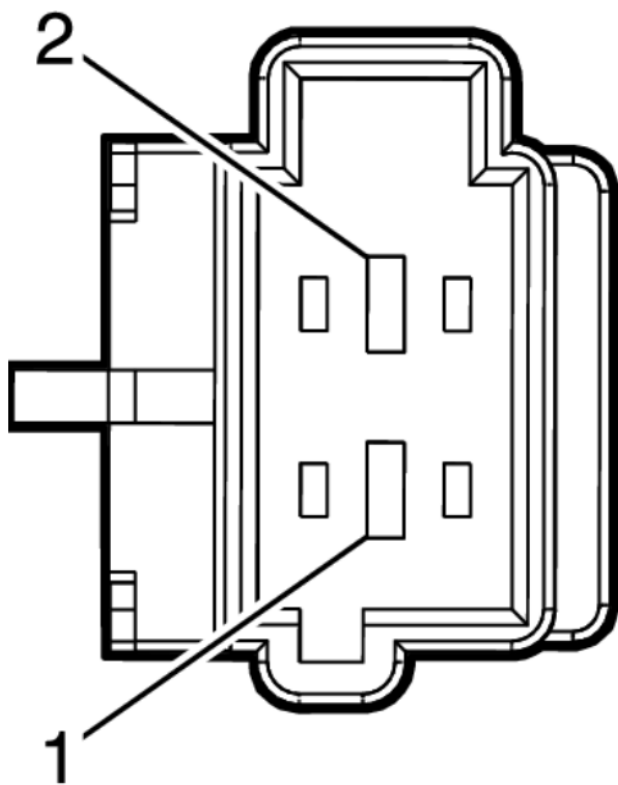
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	850	Ground	I	-

E1D ACCENT LAMP - DRIVER DOOR X1

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

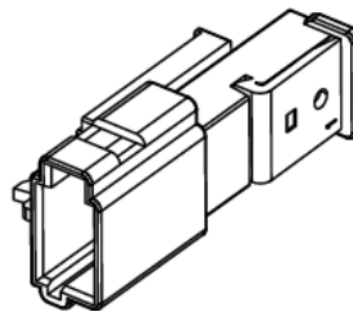
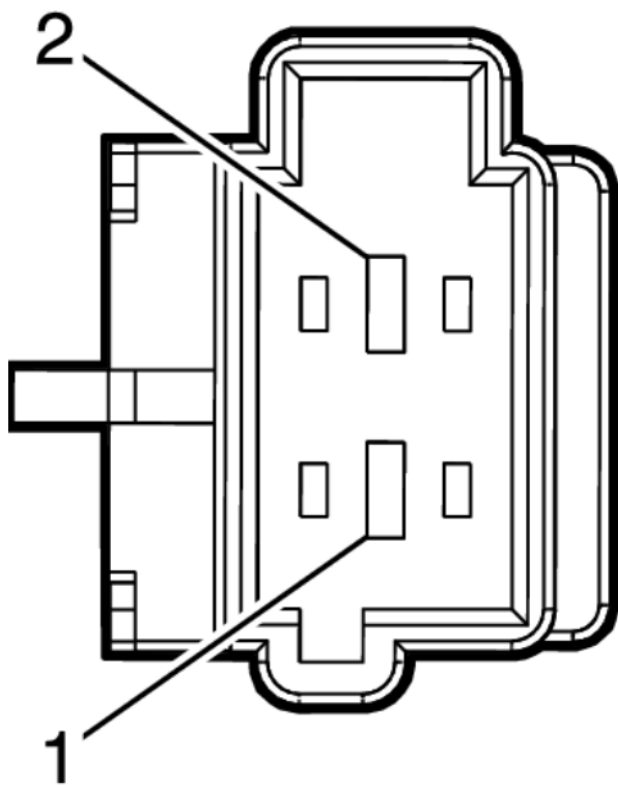
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	850	Ground	I	-

E1D ACCENT LAMP - DRIVER DOOR





Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

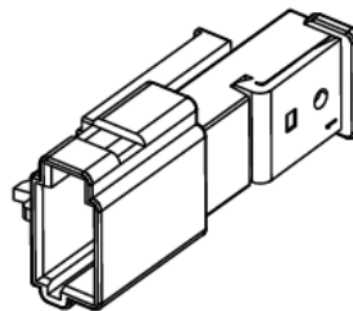
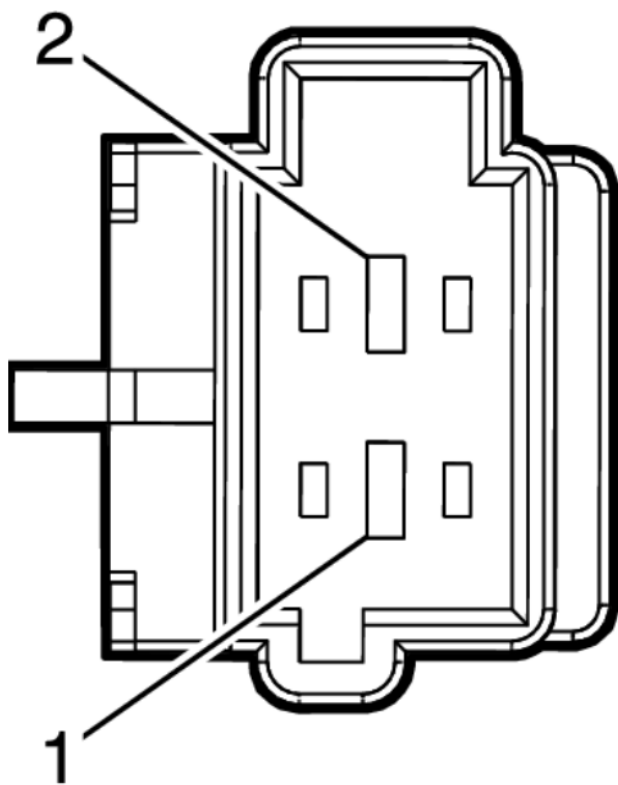
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	850	Ground	I	-

E1F ACCENT LAMP - RIGHT REAR DOOR HANDLE





Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 0-1563190-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

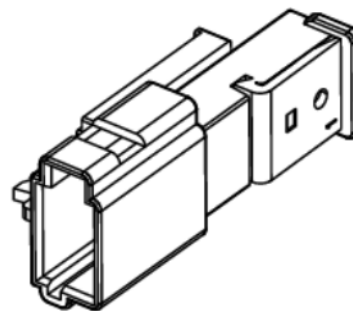
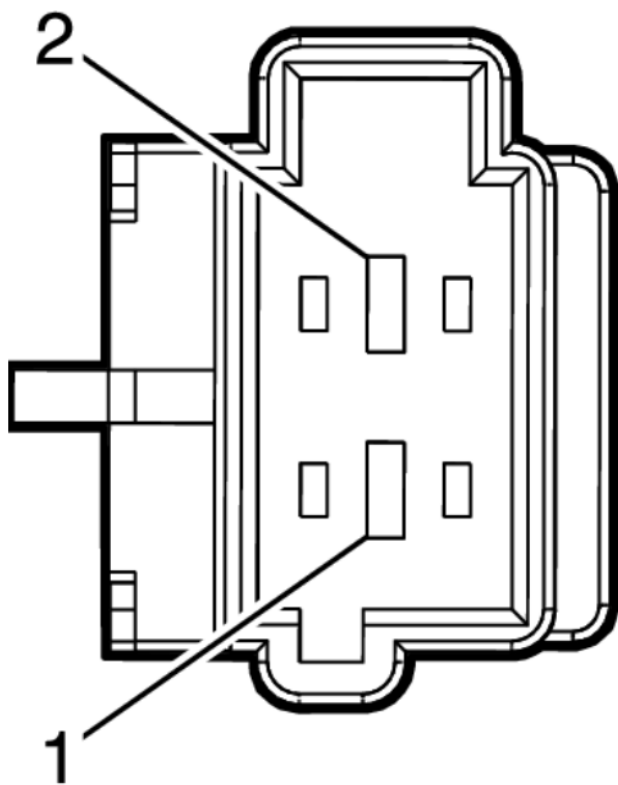
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2050	Ground	I	-

E1G ACCENT LAMP - LEFT INSTRUMENT PANEL





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

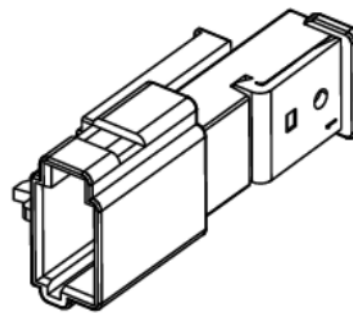
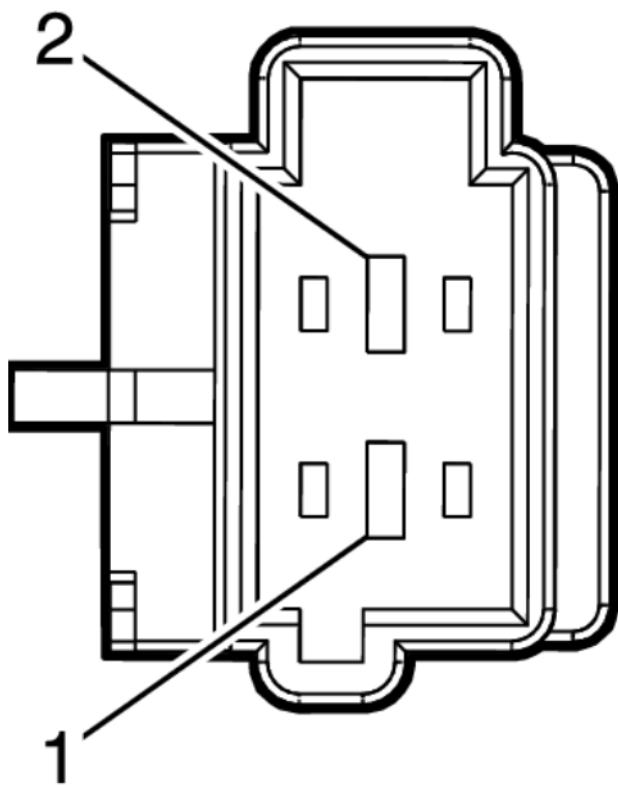
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	1550	Ground	I	-

E1GA ACCENT LAMP - LEFT MIDDLE INSTRUMENT PANEL





Connector Part Information

- Harness Type: Accent Lamp
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

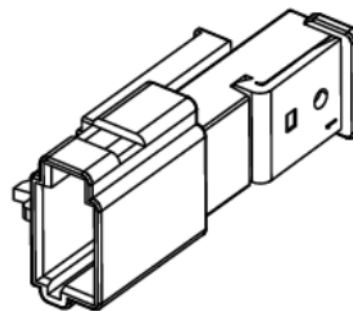
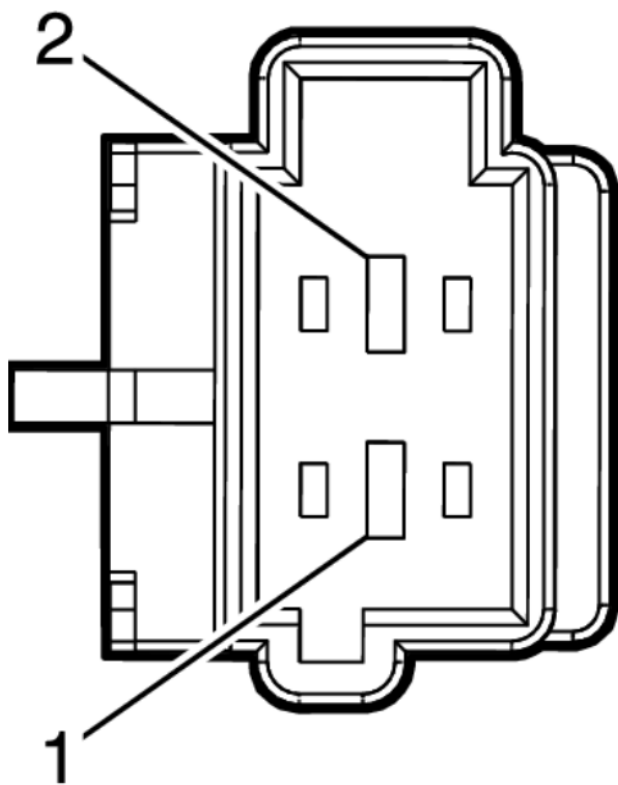
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	1550	Ground	I	-

E1H ACCENT LAMP - RIGHT INSTRUMENT PANEL





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

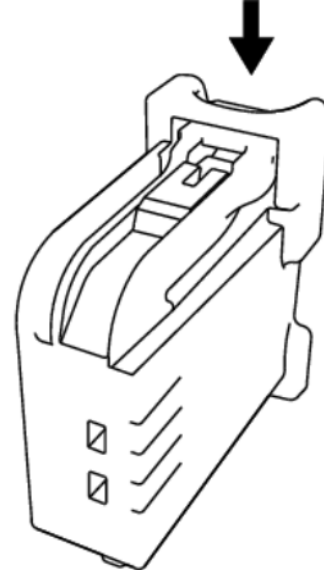
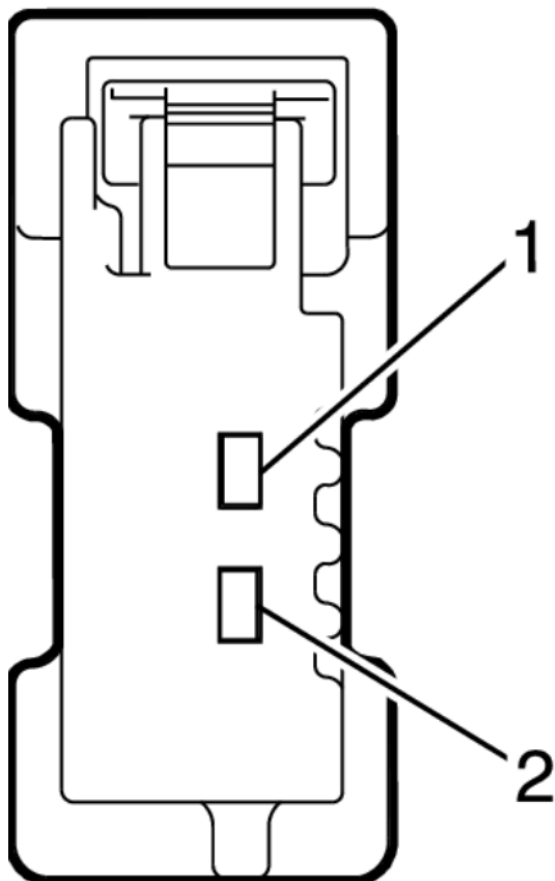
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	1550	Ground	I	-

E1L ACCENT LAMP - OVERHEAD CONSOLE





Connector Part Information

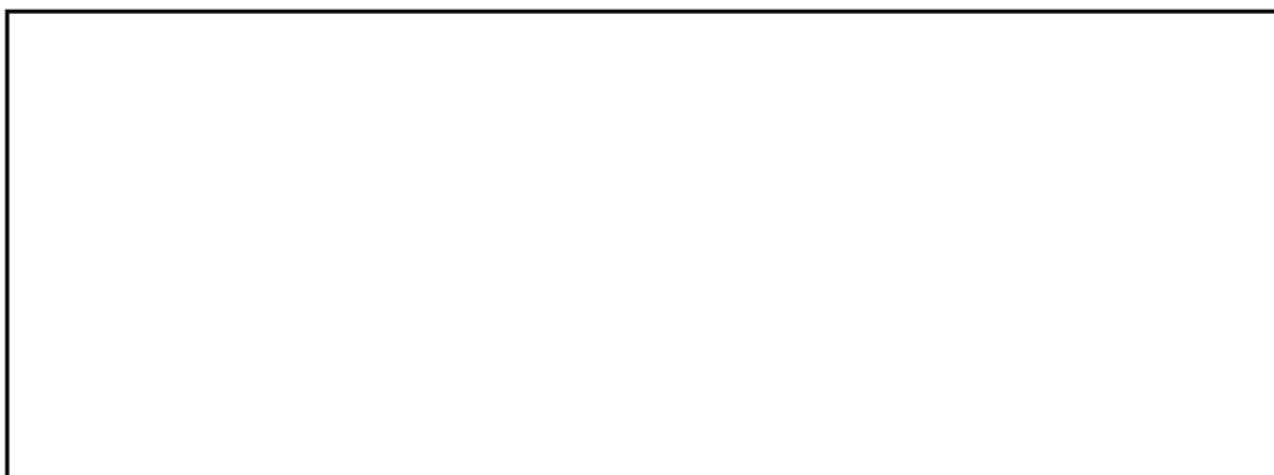
- Harness Type: Headliner
- OEM Connector: 13595207
- Service Connector: 13584097
- Description: 2-Way F 1.5 Series (BK)

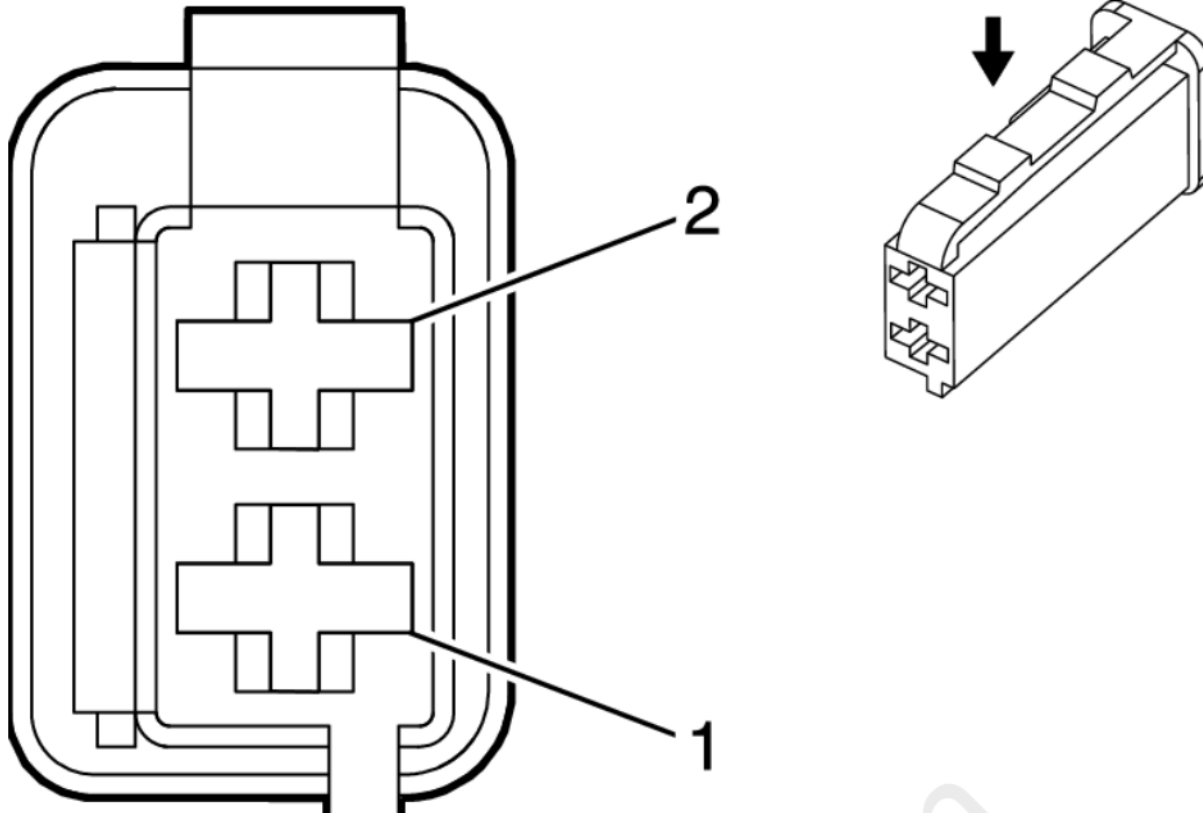
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2550	Ground	I	-

E1M ACCENT LAMP - PASSENGER DOOR HANDLE





Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

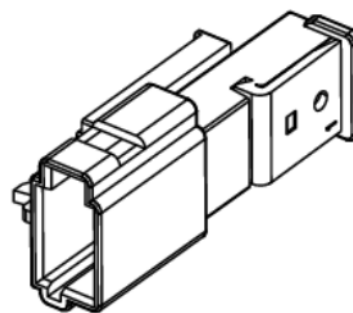
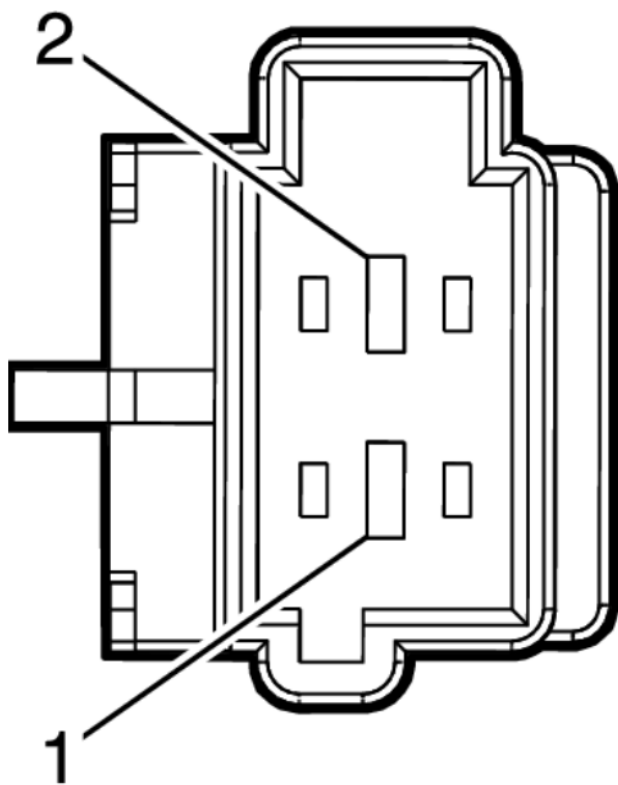
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2050	Ground	I	-

E1P ACCENT LAMP - PASSENGER DOOR X1





Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

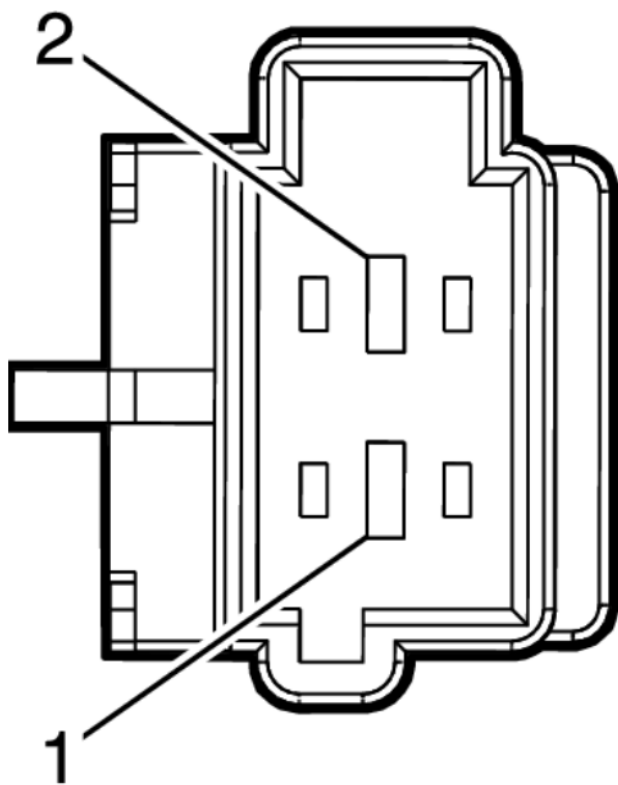
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2050	Ground	I	-

E1P ACCENT LAMP - PASSENGER DOOR X2





Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2050	Ground	I	-

E2LF SIDE MARKER LAMP - LEFT FRONT (T4A)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F (NA)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	1150	Ground	I	-
2	0.5	RD	709	Left Park Lamp Supply Voltage	I	-
3	-	-	-	Not Occupied	-	-

E2LF SIDE MARKER LAMP - LEFT FRONT (T4F)

Connector Part Information • Harness Type: Left Headlamp • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 2 - Way F Lampsocket (BK)						
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Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BK	1150	Ground	I	-
2	1.0	RD	709	Left Park Lamp Supply Voltage	I	-

E2RF SIDE MARKER LAMP - RIGHT FRONT (T4A)

Connector Part Information • Harness Type: Forward Lamp • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 3-Way F (NA)						
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Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	1050	Ground	I	-
2	0.5	GY/BN	309	Right Park Lamp Supply Voltage	I	-
3	-	-	-	Not Occupied	-	-

E2RF SIDE MARKER LAMP - RIGHT FRONT

Connector Part Information

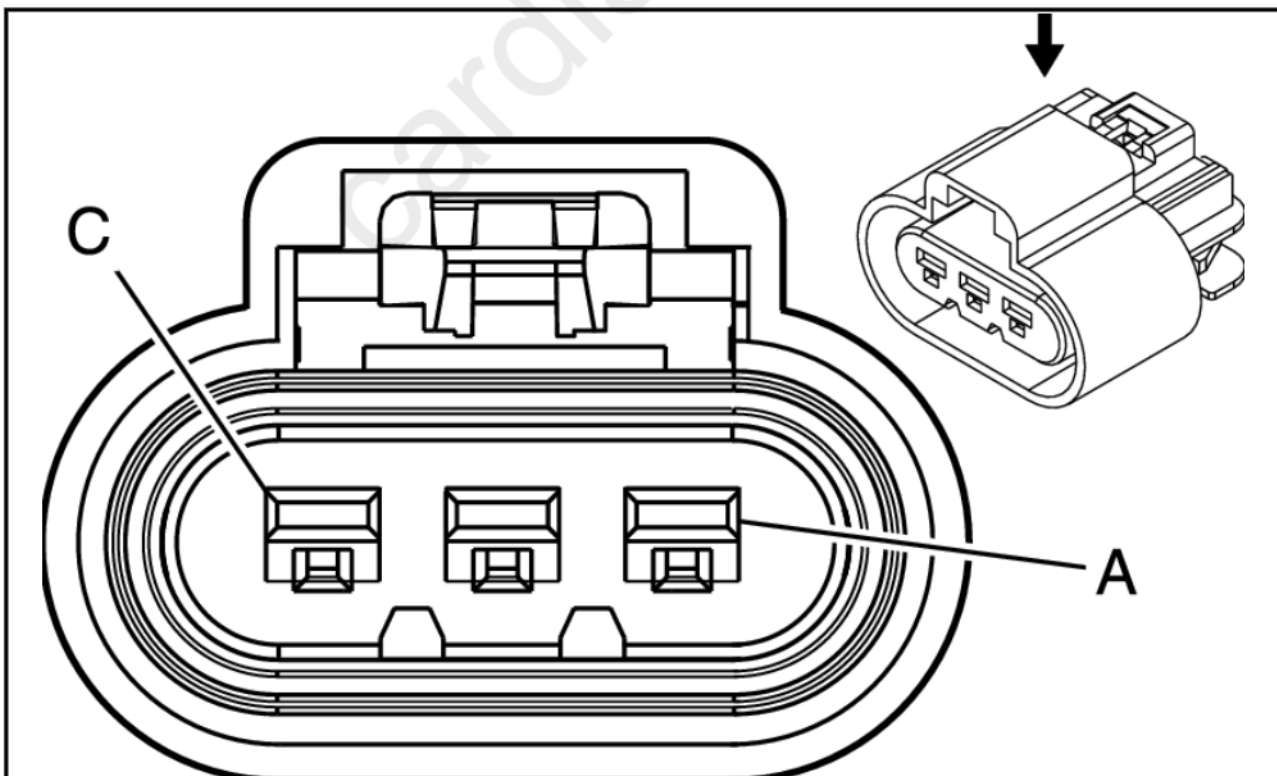
- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BK	1050	Ground	I	-
2	1.0	GY/BN	309	Right Park Lamp Control	I	-

E4AC PARK/DAYTIME RUNNING LAMP - LEFT



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 15326614
- Service Connector: Service by Harness - See Part Catalog

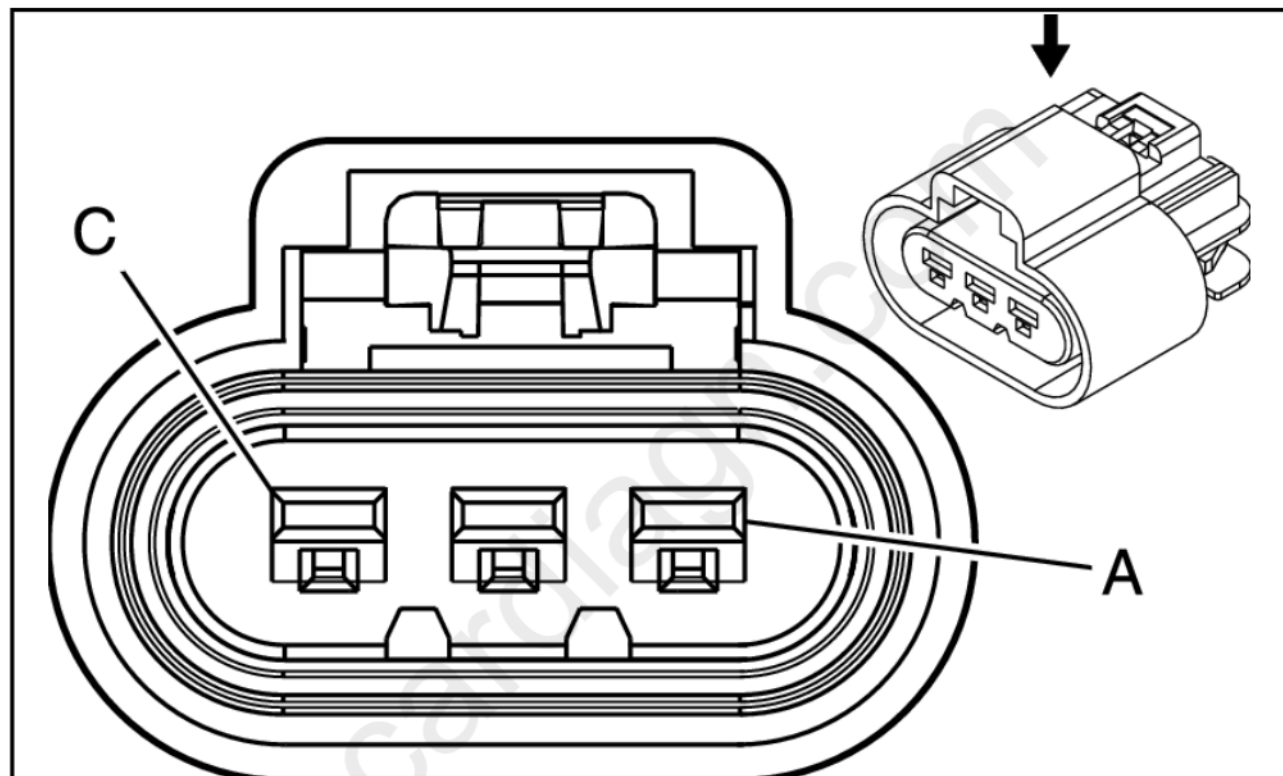
- Description: 3-Way F 280 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GY/BU	7538	Left Front DRL Control	I	-
B	0.5	VT/GY	709	Left Park Lamp Control	I	-
C	0.5	BK	1150	Ground	I	-

E4AD PARK/DAYTIME RUNNING LAMP - RIGHT



Connector Part Information

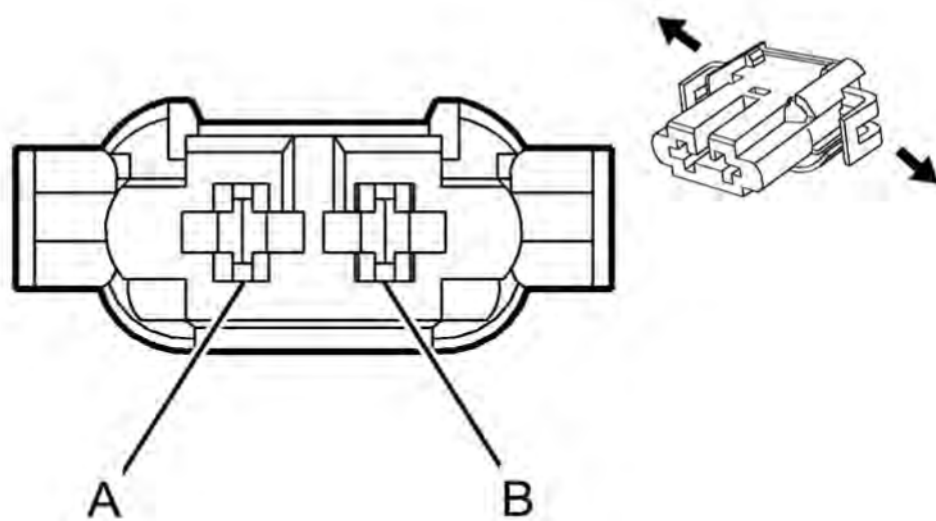
- Harness Type: Front Fascia
- OEM Connector: 15326614
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 280 GT Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/BN	7539	Right Front DRL Control	I	-
B	0.5	GY/BN	309	Right Park Lamp Control	I	-
C	0.5	BK	1150	Ground	I	-

E4G HEADLAMP - LEFT LOW BEAM (T4A)



Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Not Available
- Description: 2-Way F (NA)

Terminal Part Information

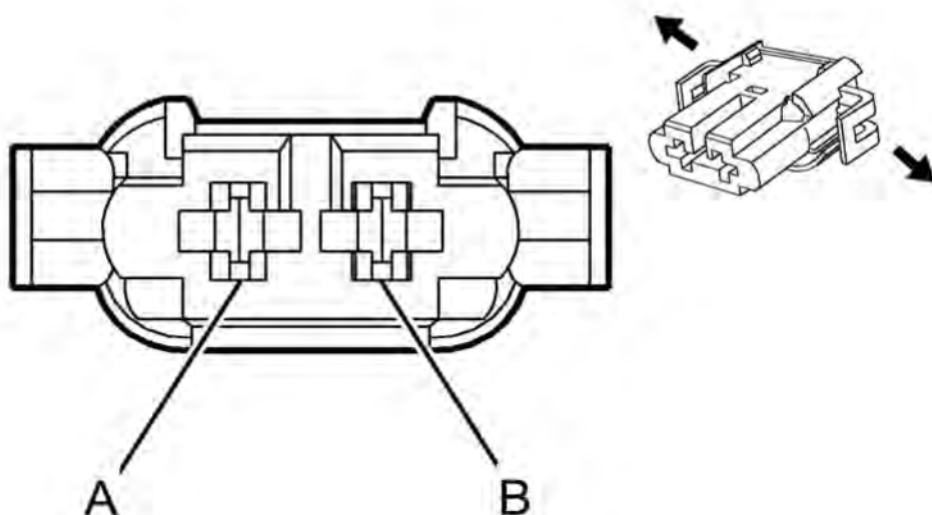
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	YE	712	Left Headlamp Low Beam Supply Voltage	I	-
B	1	BK	1150	Ground	I	-

E4G HEADLAMP - LEFT LOW BEAM (T4F)



E4H HEADLAMP - RIGHT LOW BEAM (T4A)



Connector Part Information

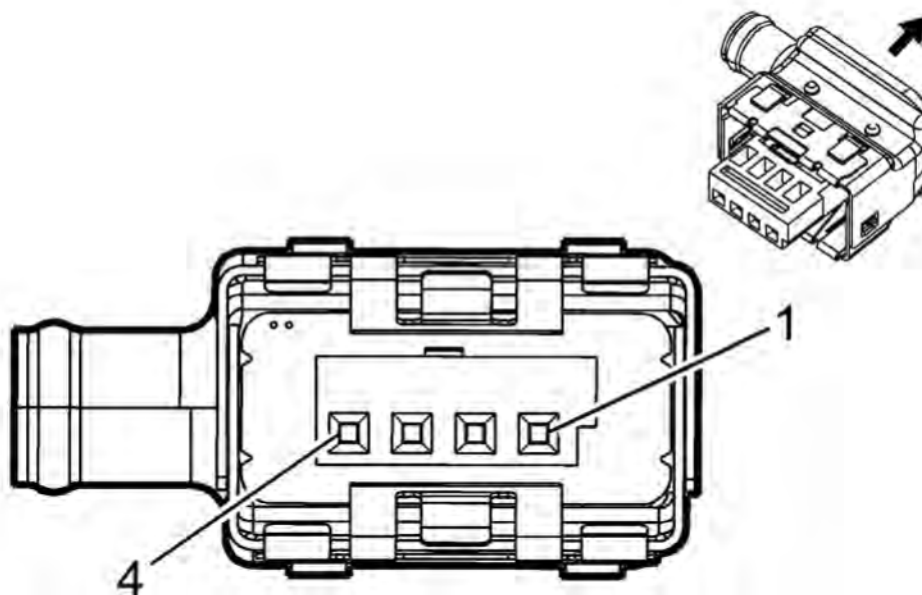
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Not Available
- Description: 2-Way F (NA)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	YE	312	Right Headlamp Low Beam Supply Voltage	I	-
B	1	BK	1050	Ground	I	-

E4H HEADLAMP - RIGHT LOW BEAM (T4F)



Connector Part Information

- Harness Type: Right Headlamp HID COAX
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 4-Way F (BK) with (SR) Shield

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	HID COAX	I	-
2	-	-	-	HID COAX	I	-
3	-	-	-	Not Occupied	-	-
4	-	-	-	HID COAX	I	-

E4J PARK LAMP - LEFT FRONT (T4F)

Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2 - Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	709	Left Park Lamp Supply Voltage	I	-
2	0.5	BK	1150	Ground	I	-

E4K PARK LAMP - RIGHT FRONT (T4F)

Connector Part Information

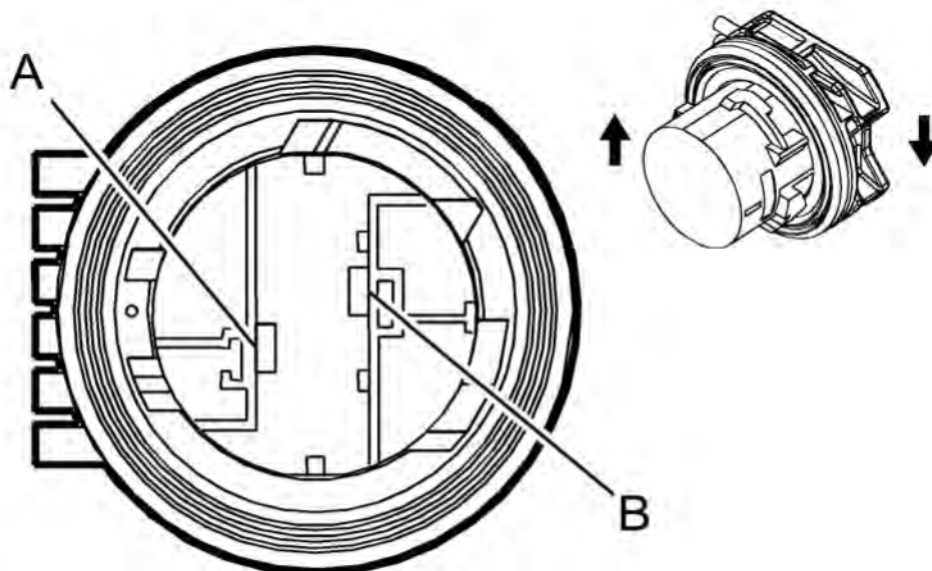
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2 - Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	309	Right Park Lamp Supply Voltage	I	-
2	0.5	BK	1050	Ground	I	-

E4LF TURN SIGNAL LAMP - LEFT FRONT (T4F)



Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: GF15
- Service Connector: Not Available
- Description: 2-Way F Lamp Socket (GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage	I	-
B	0.5	BK	1150	Ground	I	-

E4N PARK/TURN SIGNAL LAMP - LEFT (T4A)**Connector Part Information**

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Holder

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/WH	1314	Left Front Turn Signal Lamp Control	I	-
2	0.5	BK	1150	Ground	I	-

E4P PARK/TURN SIGNAL LAMP - RIGHT (T4A)**Connector Part Information**

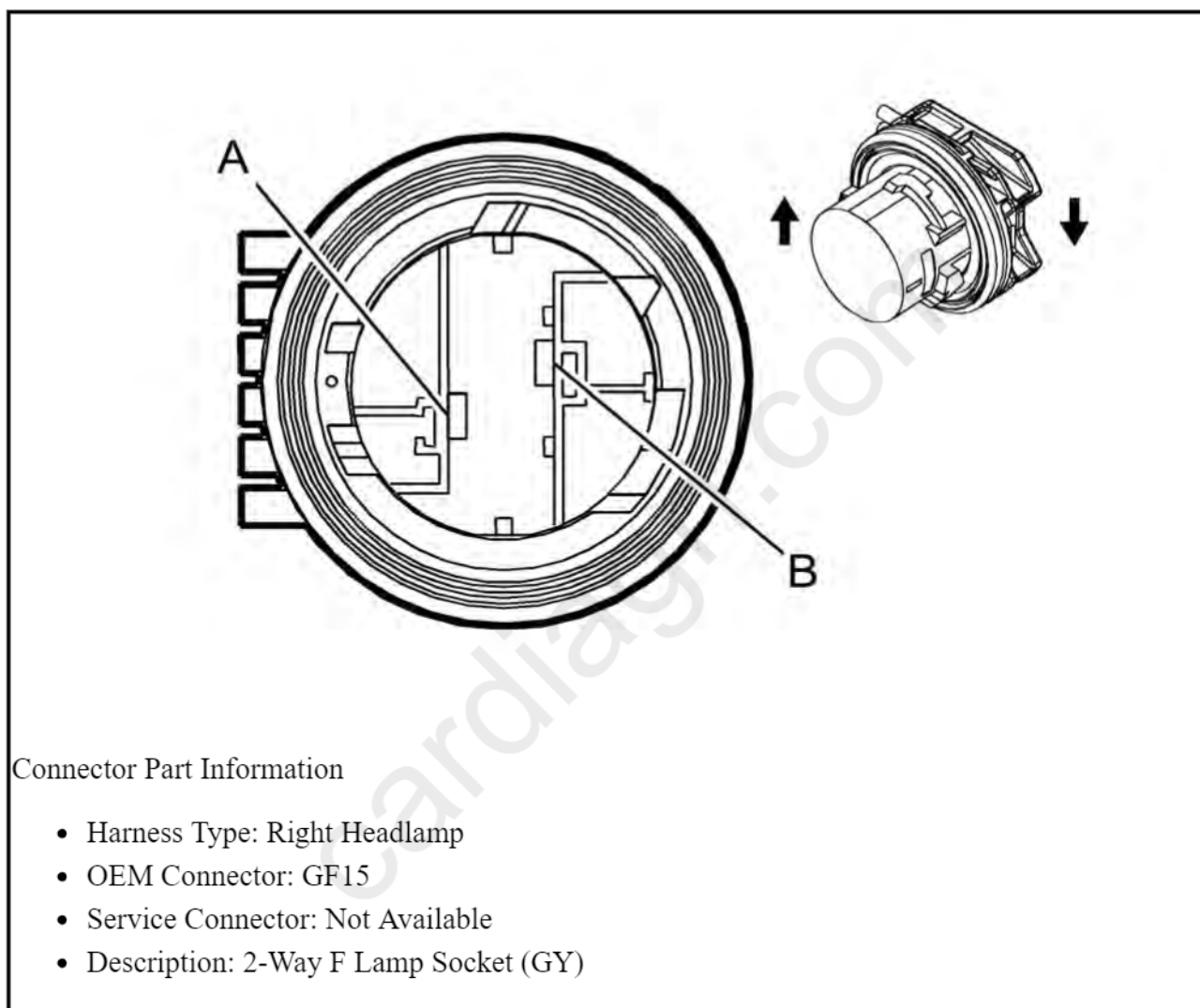
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Holder

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/VT	1315	Right Front Turn Signal Lamp Control	I	-
2	0.5	BK	1050	Ground	I	-

E4RF TURN SIGNAL LAMP - RIGHT FRONT (T4F)



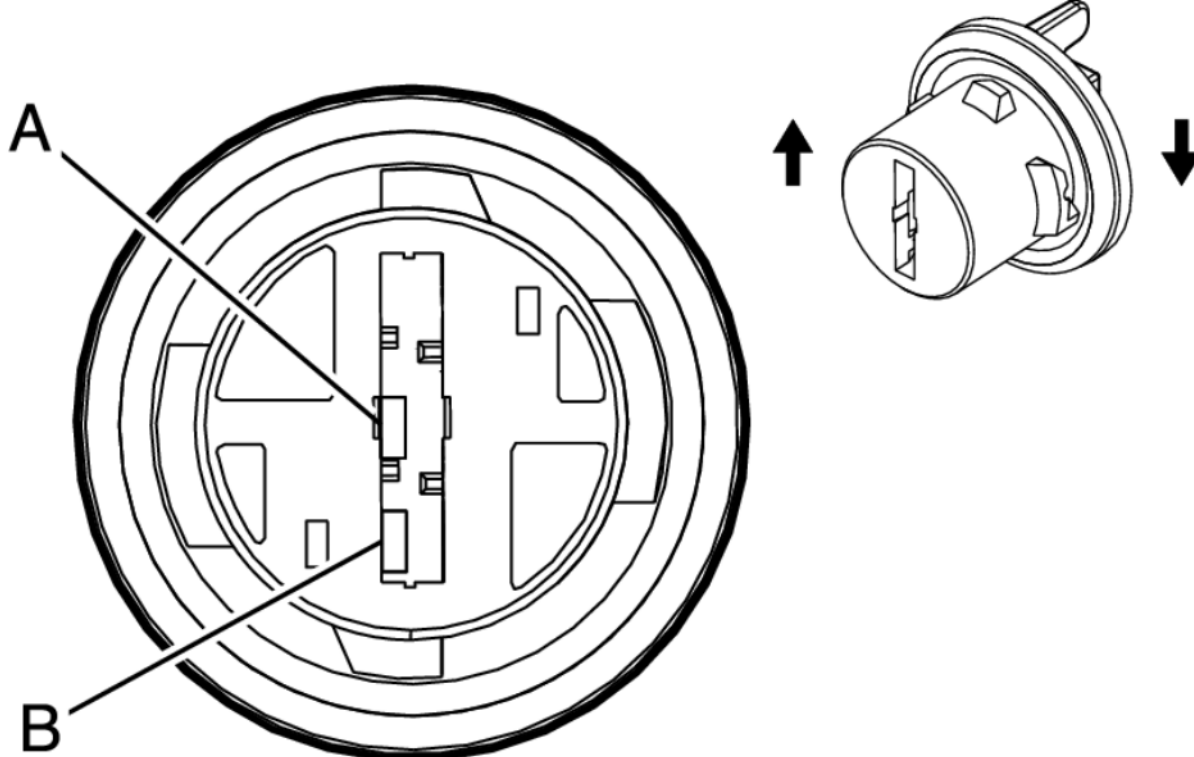
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/VT	1315	Right Front Turn Signal Lamp Supply Voltage	I	-
B	0.5	BK	1050	Ground	I	-

E5A BACKUP LAMP - LEFT

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Connector Part Information

- Harness Type: Tail Lamp - Left
- OEM Connector: 35 FL C1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket (GY)

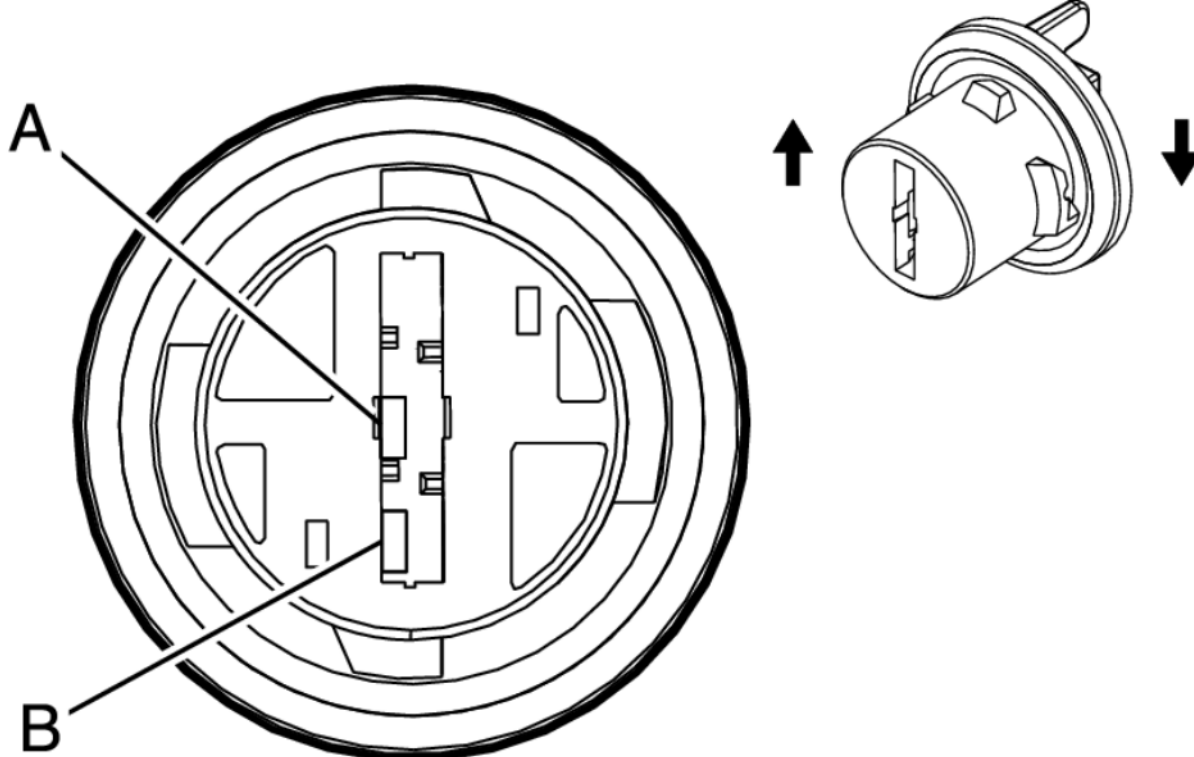
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/WH	24	Backup Lamp Control	I	-
B	0.5	BK	2550	Ground	I	-

E5B BACKUP LAMP - RIGHT





Connector Part Information

- Harness Type: Tail Lamp - Right
- OEM Connector: 35 FL C1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket (GY)

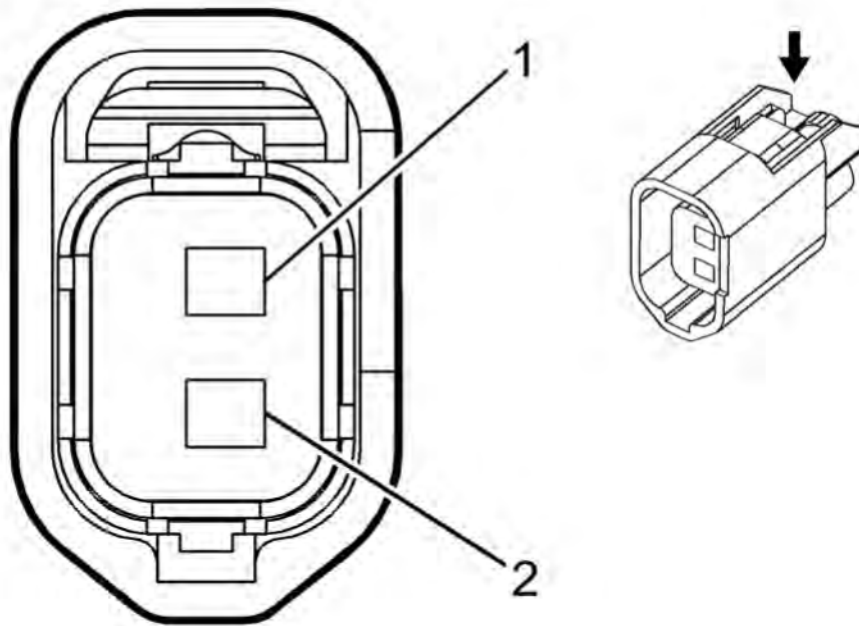
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/WH	24	Backup Lamp Control	I	-
B	0.5	BK	550	Ground	I	-

E5E TAIL LAMP - LEFT





Connector Part Information

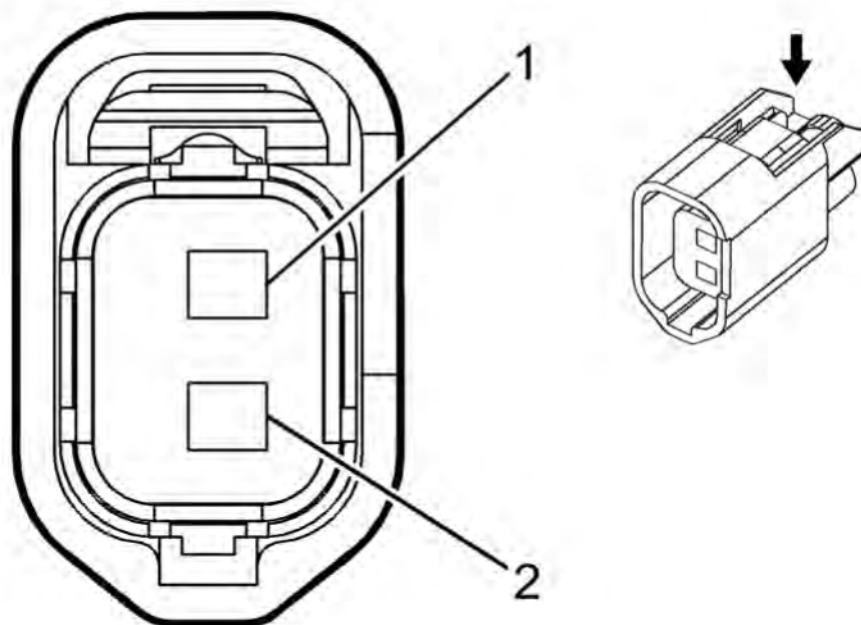
- Harness Type: Rear Compartment Lid
- OEM Connector: 13572583
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GY	709	Left Park Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-

E5F TAIL LAMP - RIGHT



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 13572583
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (GY)

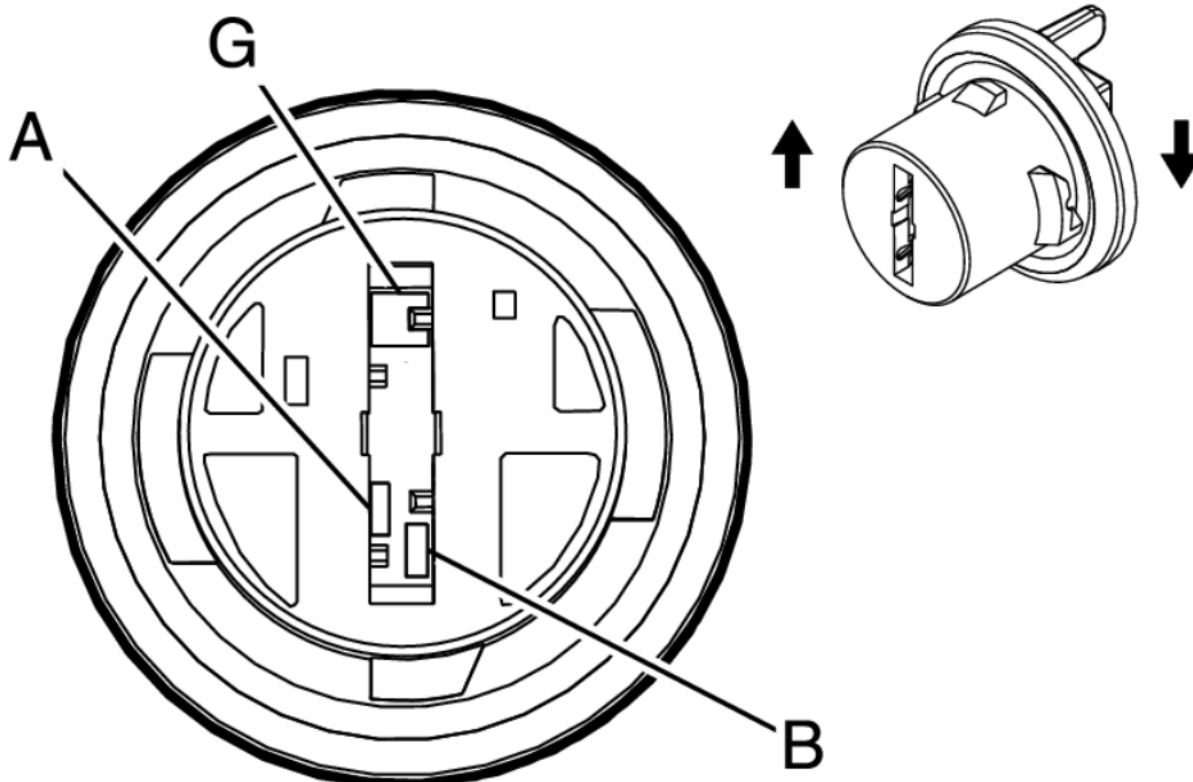
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BN	309	Right Park Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-

E5S TAIL/STOP AND TURN SIGNAL LAMP - LEFT





Connector Part Information

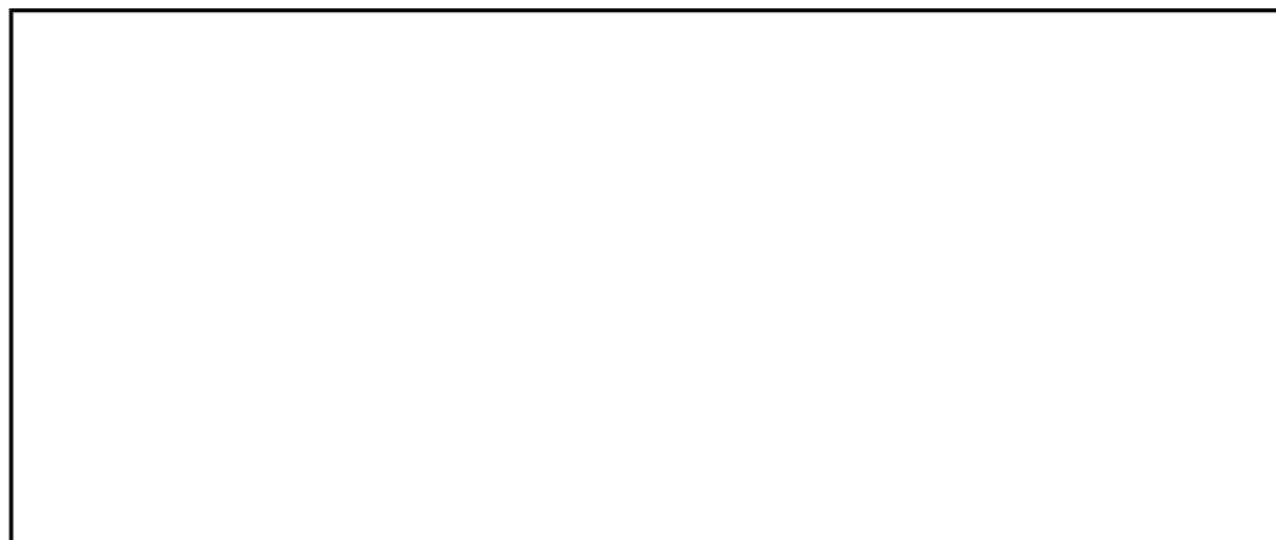
- Harness Type: Tail Lamp - Left
- OEM Connector: 35 FL C2
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Lamp Socket, Sealed (GY)

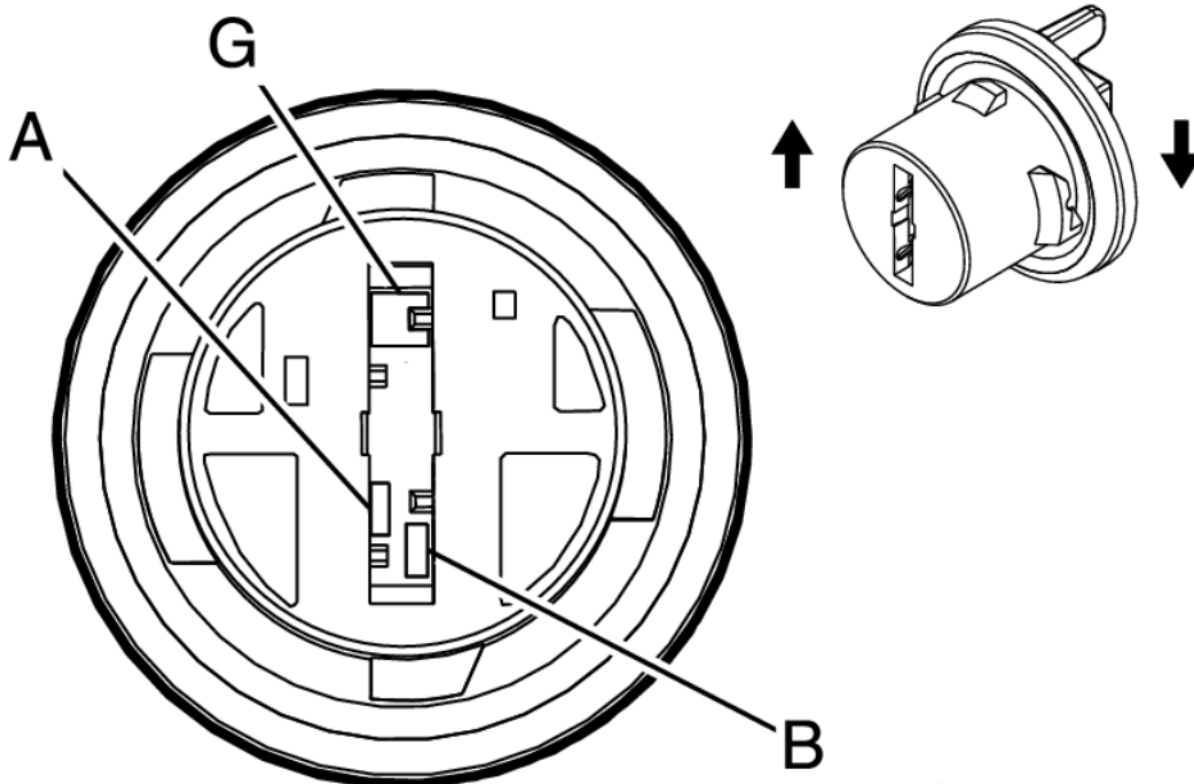
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN/GN	18	Left Rear Stop/Turn Lamp Control	I	-
B	0.5	VT/GY	709	Left Park Lamp Control	I	-
G	0.5	BK	2550	Ground	I	-

E5T TAIL/STOP AND TURN SIGNAL LAMP - RIGHT





Connector Part Information

- Harness Type: Tail Lamp - Right
- OEM Connector: 35 FL C2
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F Lamp Socket, Sealed (GY)

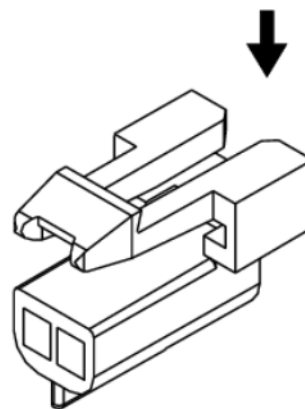
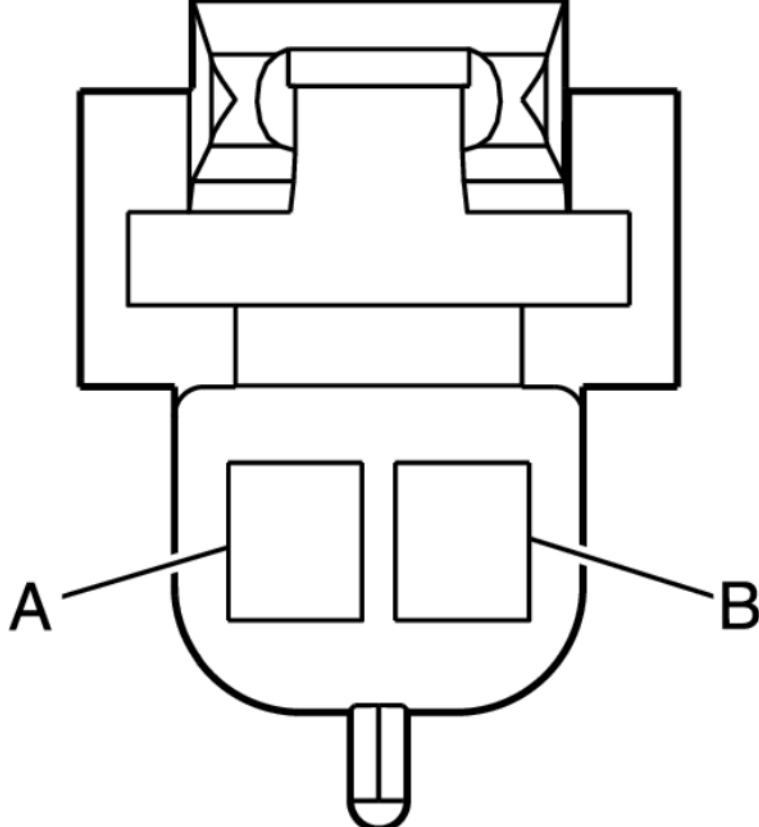
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN/GN	19	Right Rear Stop/Turn Lamp Control	I	-
B	0.5	GY/BN	309	Right Park Lamp Control	I	-
G	0.5	BK	550	Ground	I	-

E6 CENTER HIGH MOUNTED STOP LAMP





Connector Part Information

- Harness Type: Body
- OEM Connector: 12052832
- Service Connector: 13583033
- Description: 2-Way F 150 Metri-Pack Series (BK)

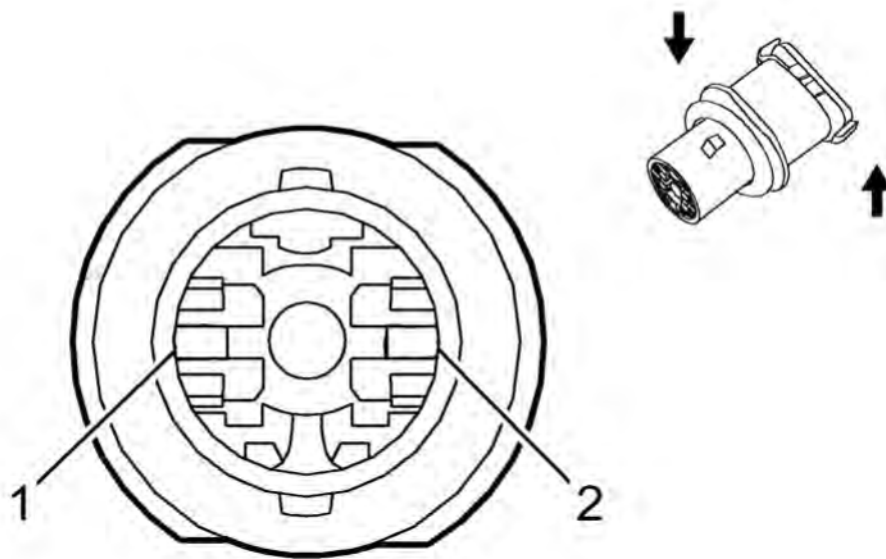
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
B	0.5	BK	2350	Ground	I	-

E7L LICENSE PLATE LAMP - LEFT





Connector Part Information

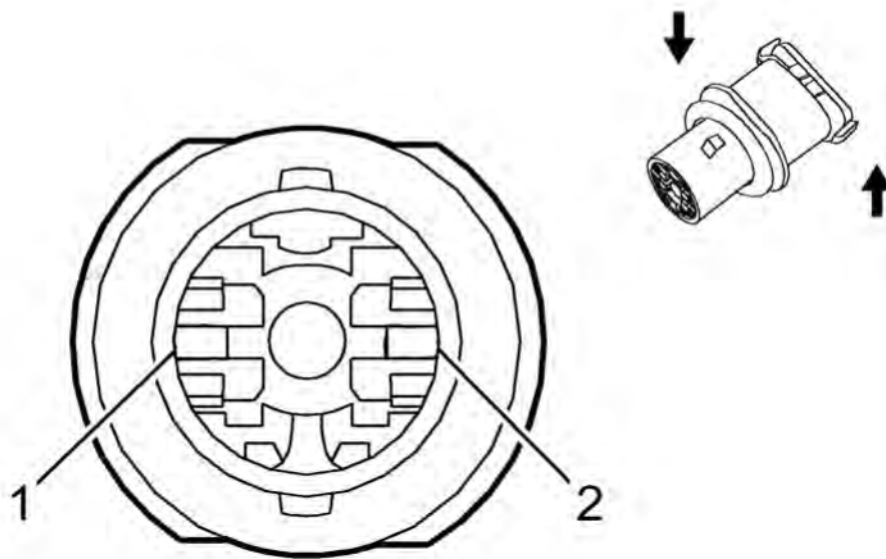
- Harness Type: License Lamp
- OEM Connector: 13698133
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket Wedge Base, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-

E7R LICENSE PLATE LAMP - RIGHT



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: 13698133
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket Wedge Base, Sealed (BK)

Terminal Part Information

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

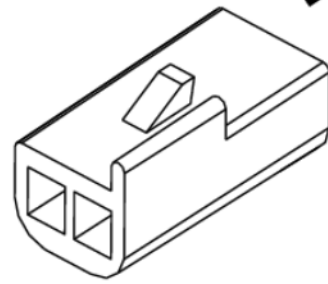
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6846	Rear License Lamp Control	I	-
2	0.5	BK	2350	Ground	I	-

E8J INSTRUMENT PANEL COURTESY LAMP - LEFT



A

B



Connector Part Information

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

Terminal Part Information

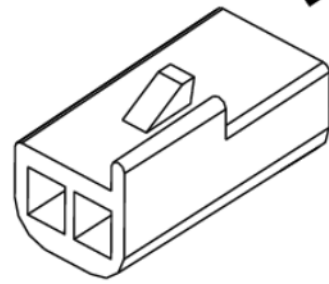
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GY	157	Interior Lamp Control	I	-
B	0.5	BK	1550	Ground	I	-

E8K INSTRUMENT PANEL COURTESY LAMP - RIGHT

A

B



Connector Part Information

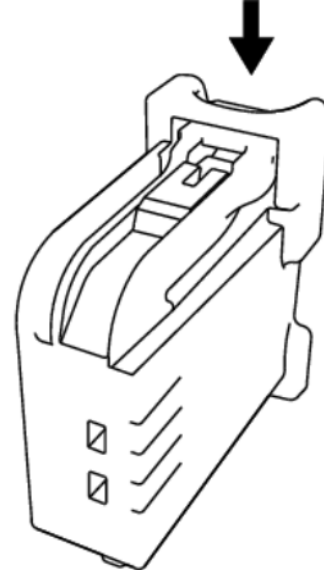
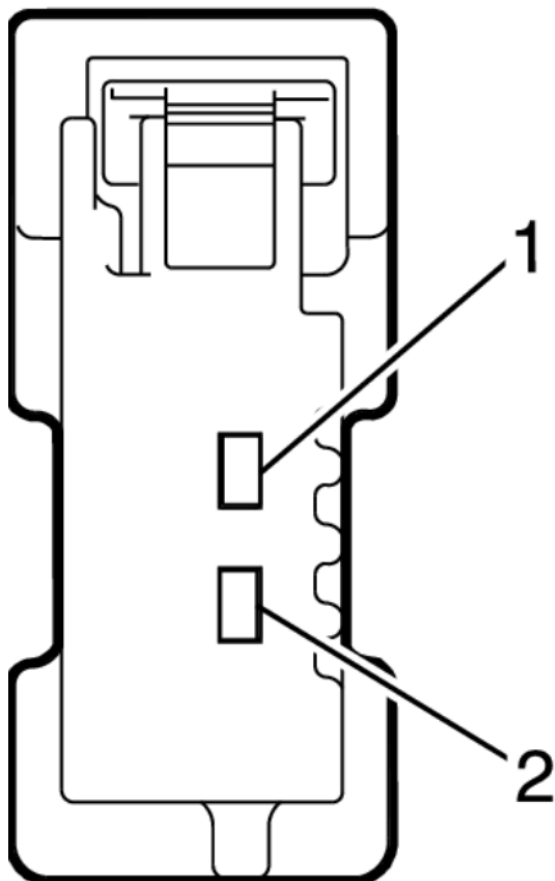
- Harness Type: Instrument Panel
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GY	157	Interior Lamp Control	I	-
B	0.5	BK	1550	Ground	I	-

E8S REAR COMPARTMENT COURTESY LAMP



Connector Part Information

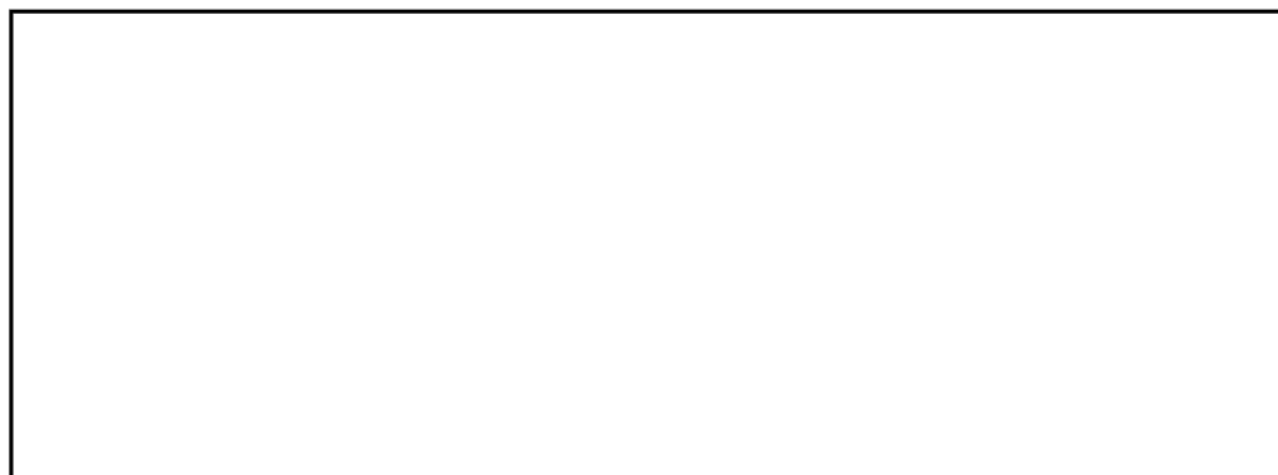
- Harness Type: Body
- OEM Connector: 13595207
- Service Connector: 13584097
- Description: 2-Way F 1.5 Series (BK)

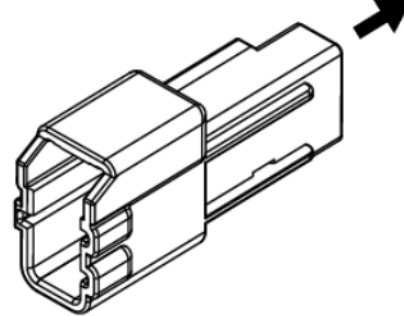
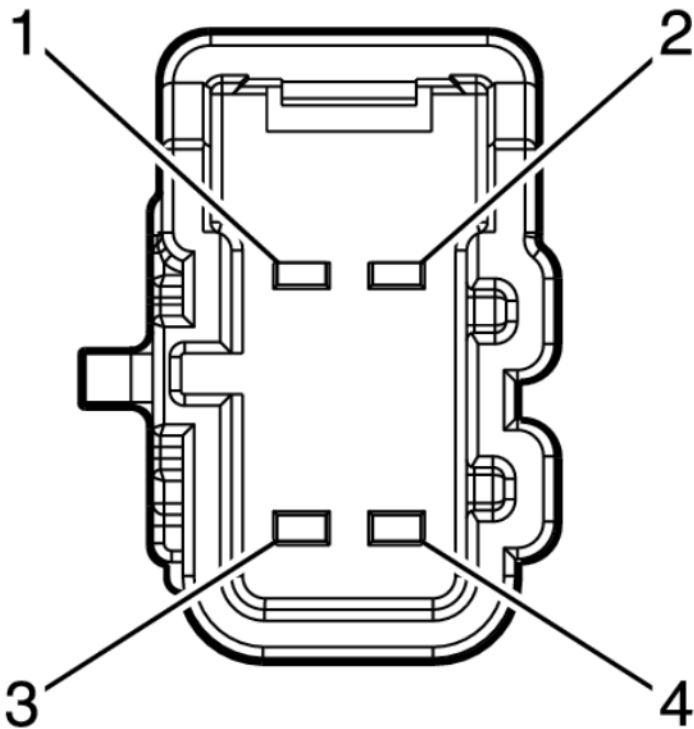
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	0.5	BK	550	Ground	I	-

E14A SEAT HEATING ELEMENT - DRIVER BACK





Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 6098-7781
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (GY)

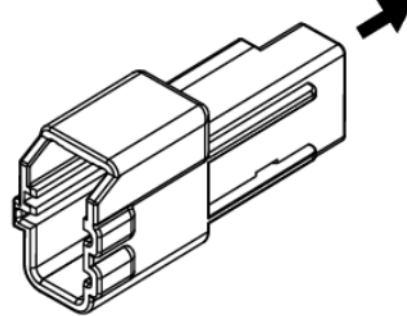
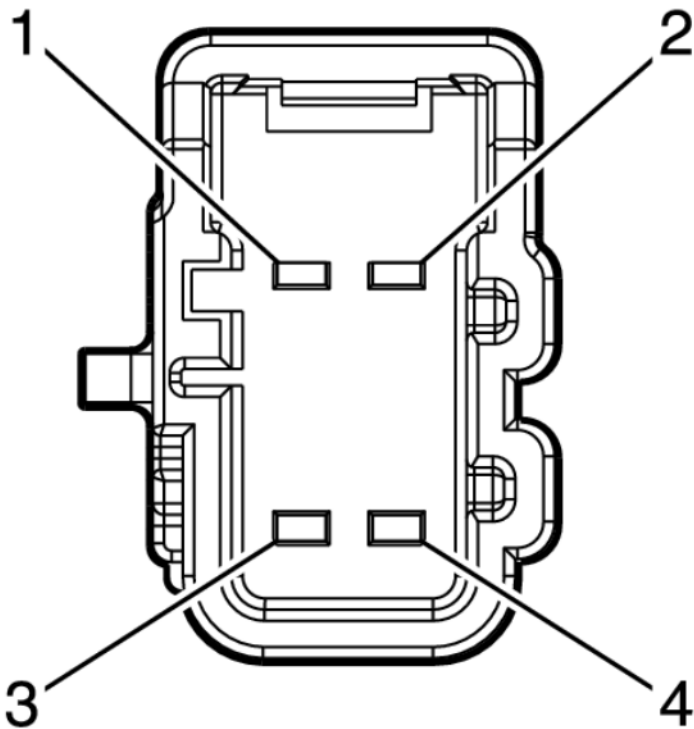
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/VT	2077	Driver Heated Seat Element Control	I	-
2	0.5	BU	2425	Driver Heated Back NTC Signal	I	-
3	0.5	BK/VT	2426	Driver Heated Back NTC Low Reference	I	-
4	0.75	VT/BK	2424	Driver Heated Back Element Low Reference	I	-

E14B SEAT HEATING ELEMENT - DRIVER CUSHION





Connector Part Information

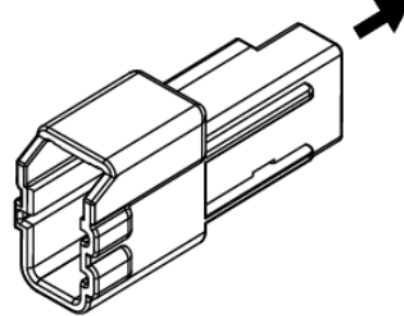
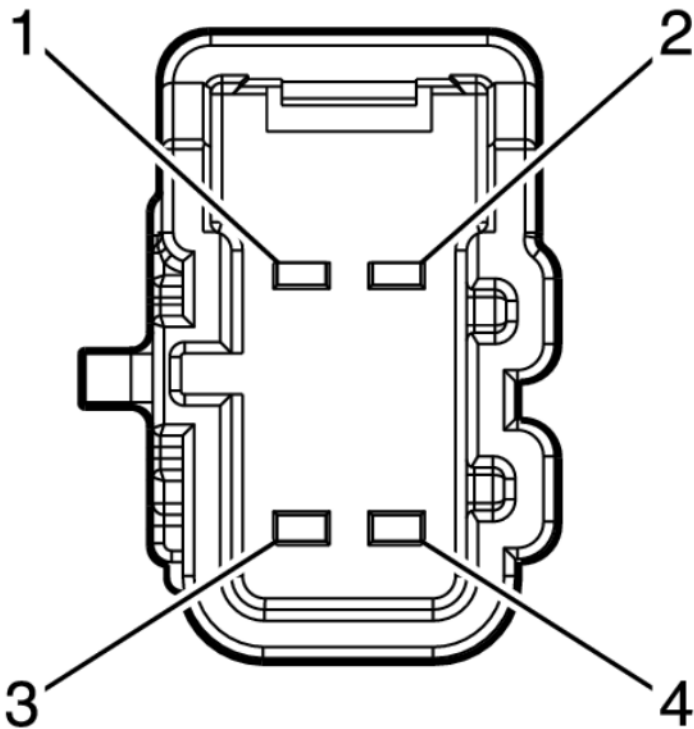
- Harness Type: Driver Seat
- OEM Connector: 13595572
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD BN/VT	2077	Driver Heated Seat Element Control	I	KU1
	0.75		2077	Driver Heated Seat Element Control	I	-KU1
2	0.35	BK/RD YE/GY	2079	Driver Heated Seat NTC Signal	I	KU1
	0.5		2079	Driver Heated Seat NTC Signal	I	-KU1
3	0.35	BK/RD BK/YE	2080	Driver Heated Seat NTC Low Reference	I	KU1
	0.5		2080	Driver Heated Seat NTC Low Reference	I	-KU1
4	0.75	BK VT/BK	2424	Driver Heated Back Element Low Reference	I	KU1
	0.75		2424	Driver Heated Back Element Low Reference	I	-KU1

E14C SEAT HEATING ELEMENT - PASSENGER BACK



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 6098-7781
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (GY)

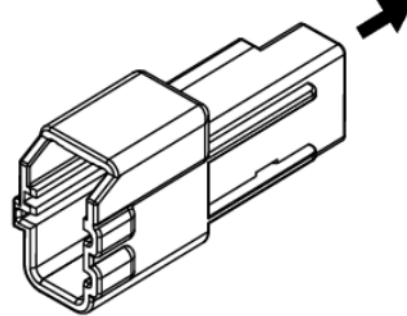
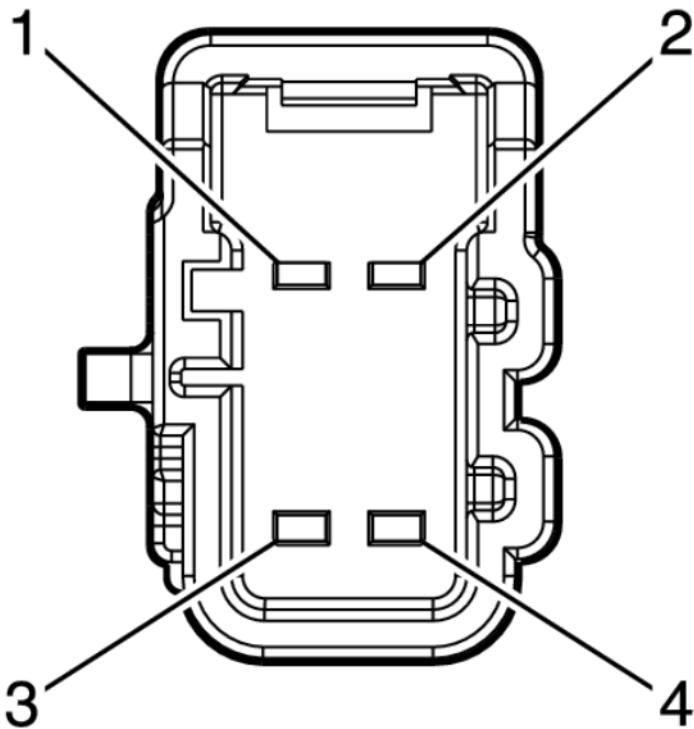
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
2	0.5	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
3	0.5	BK/GY	2482	Passenger Heated Back NTC Low Reference	I	-
4	0.75	BU/BK	2433	Passenger Heated Back Element Low Reference	I	-

E14D SEAT HEATING ELEMENT - PASSENGER CUSHION





Connector Part Information

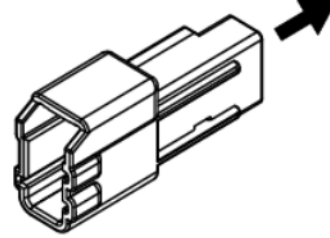
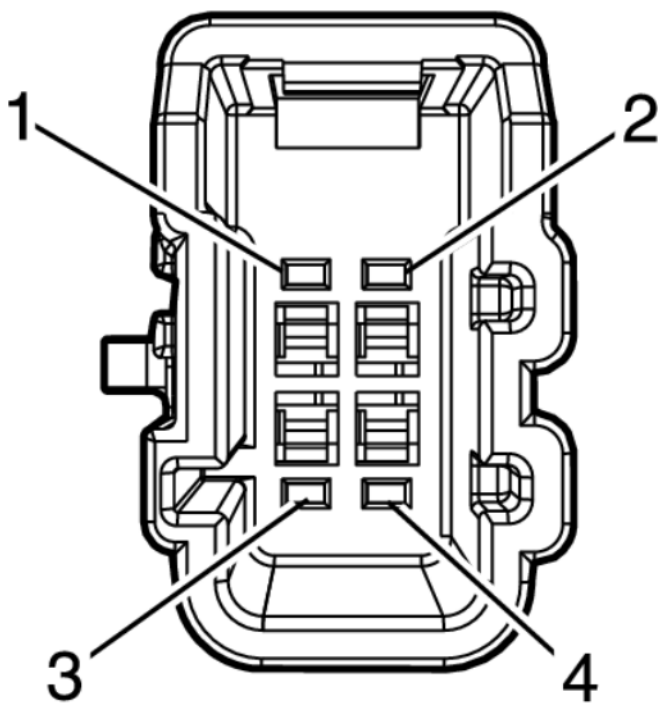
- Harness Type: Passenger Seat
- OEM Connector: 13595572
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD	2479	Passenger Heated Seat Element Control	I	KU3
	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-KU3
2	0.35	BK/RD	2434	Passenger Heated Seat NTC Signal	I	KU3
	0.5	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-KU3
3	0.5	BK/RD	2482	Passenger Heated Back NTC Low Reference	I	KU3
	0.35	BK/GY	2482	Passenger Heated Back NTC Low Reference	I	-KU3
4	0.75	BK	2433	Passenger Heated Back Element Low Reference	I	KU3
	0.75	BU/BK	2433	Passenger Heated Back Element Low Reference	I	-KU3

E14E SEAT HEATING ELEMENT - LEFT REAR BACK



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13591369
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

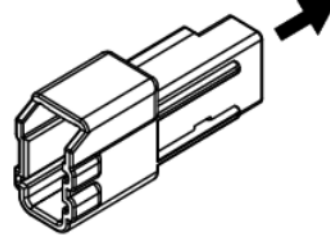
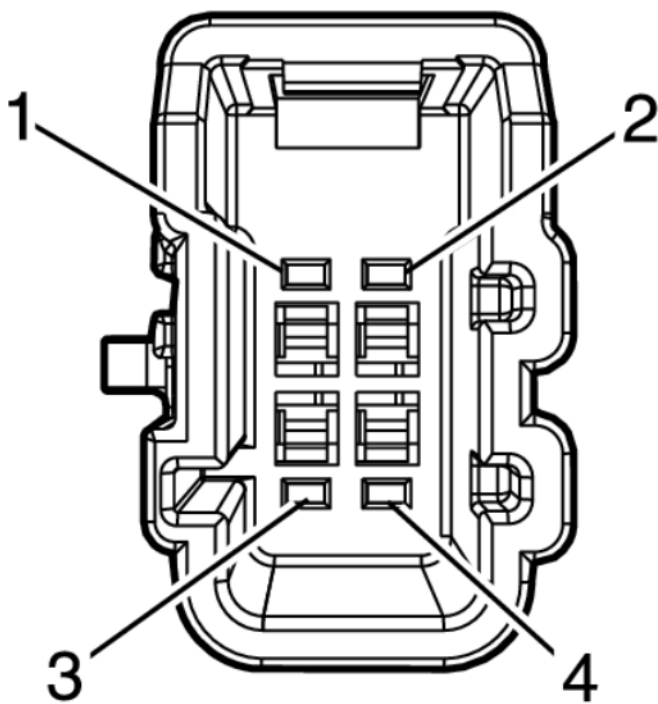
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
2	0.35	YE	7680	Right Rear Heated Back NTC Signal	I	-
3	0.35	BK/YE	7679	Right Rear Heated Back NTC Low Reference	I	-
4	0.75	GN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-

E14F SEAT HEATING ELEMENT - LEFT REAR CUSHION





Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 13591369
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

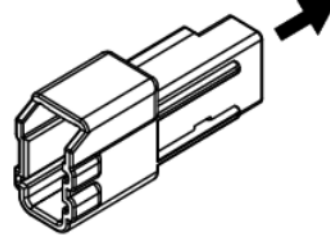
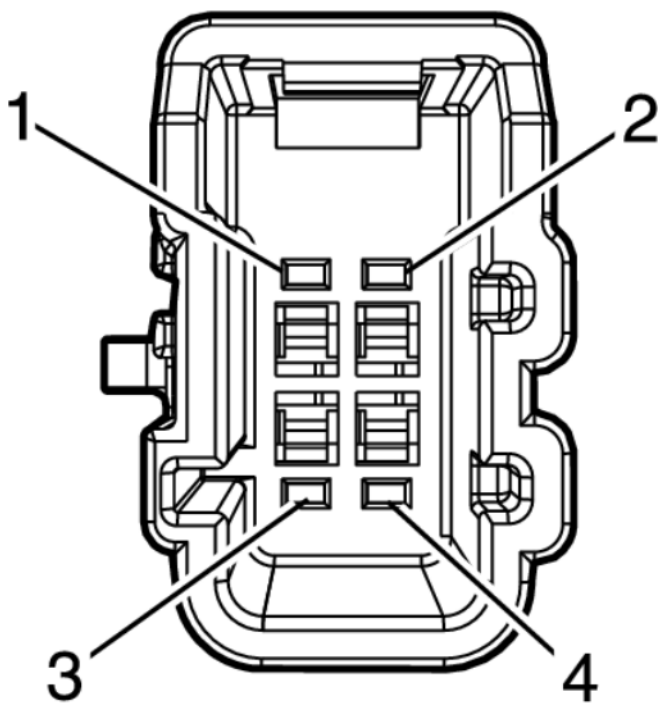
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
2	0.35	GY	7663	Left Rear Heated Seat NTC Signal	I	-
3	0.35	VT/RD	7662	Left Rear Heated Seat NTC Low Reference	I	-
4	0.75	GN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-

E14G SEAT HEATING ELEMENT - RIGHT REAR BACK





Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 13591369
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

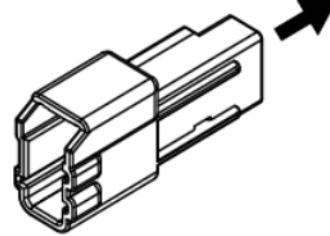
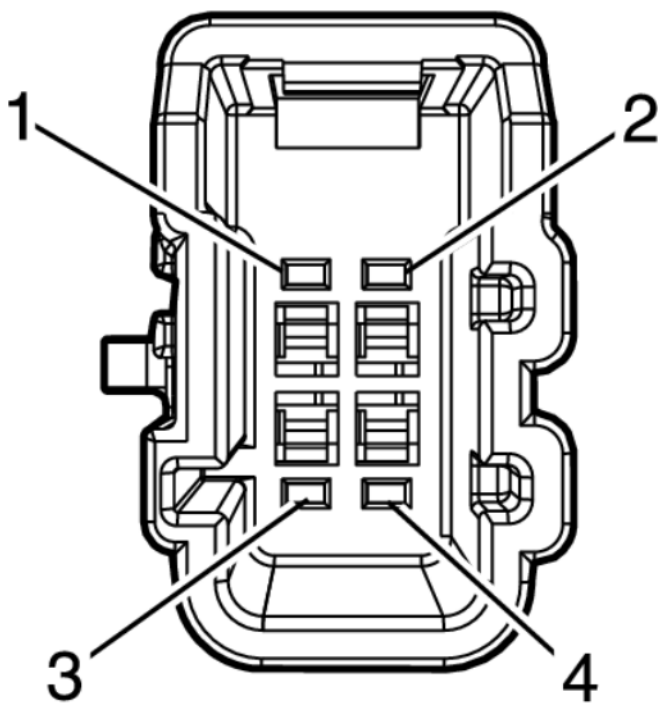
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	2296	Right Rear Heated Seat Cushion Element Control	I	-
2	0.35	YE	7680	Right Rear Heated Back NTC Signal	I	-
3	0.35	BK/YE	7679	Right Rear Heated Back NTC Low Reference	I	-
4	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-

E14H SEAT HEATING ELEMENT - RIGHT REAR CUSHION





Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 13591369
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

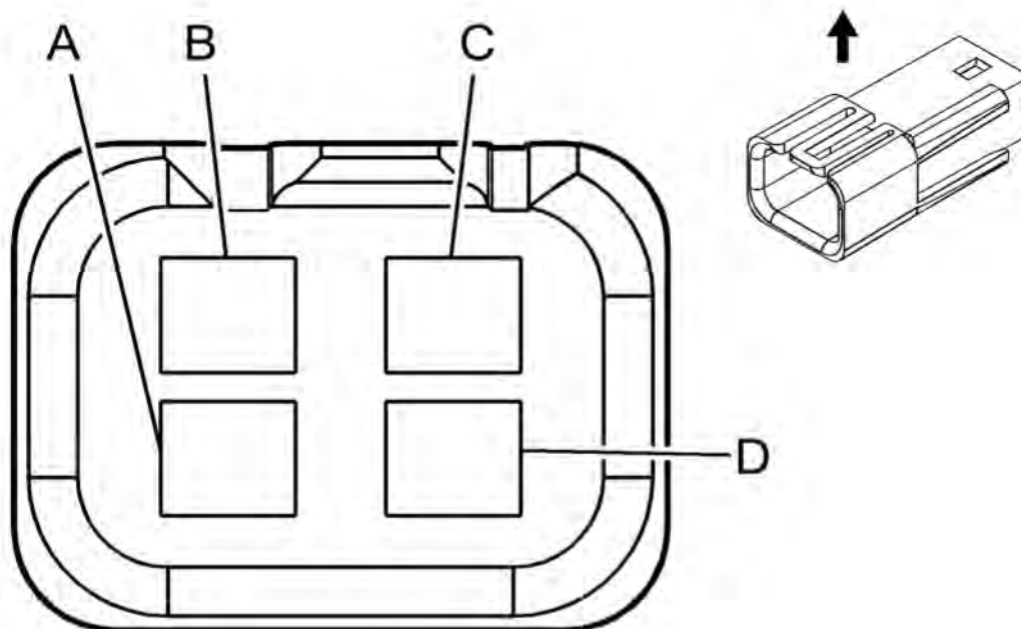
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	2296	Right Rear Heated Seat Cushion Element Control	I	-
2	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
3	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
4	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-

E15 STEERING WHEEL HEATER





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 12047786
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 150 Metri-Pack Series (BK)

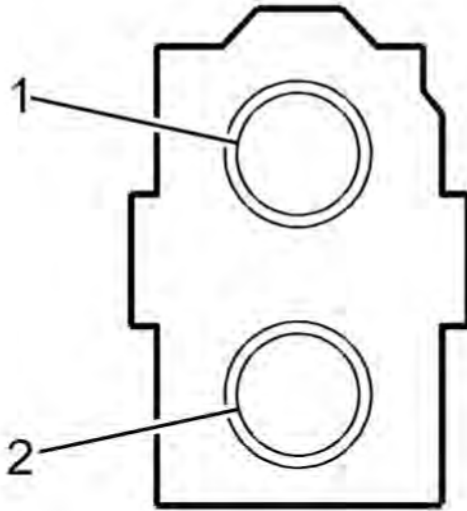
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.8	BK	1550	Ground	I	-
B	0.8	BK/YE	5888	Heated Steering Wheel High Control	I	-
C	0.5	YE/RD	5885	Heated Steering Wheel Voltage Reference	I	-
D	0.5	VT/BU	5886	Heated Steering Wheel Sensor Signal	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - DRIVER X4





Connector Part Information

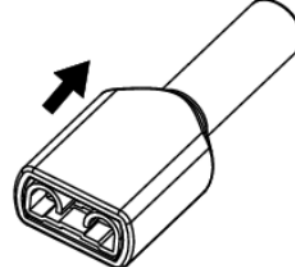
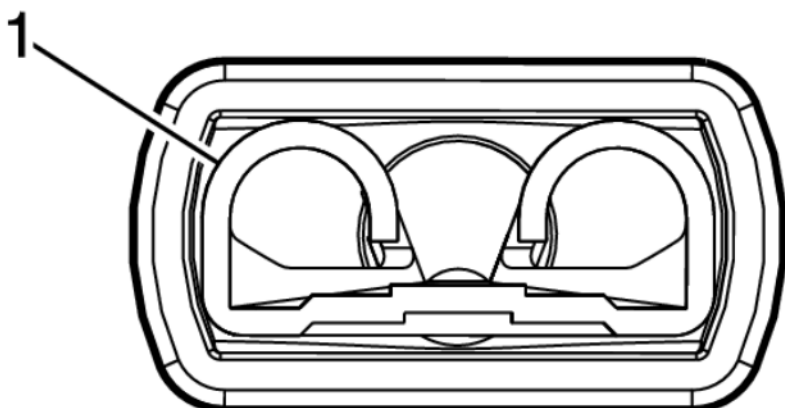
- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 2-Way F (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	D-GY	1690	Automatic Day/Night Mirror Signal	I	-
2	0.5	PU	1691	Low Reference	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - DRIVER X1



Connector Part Information

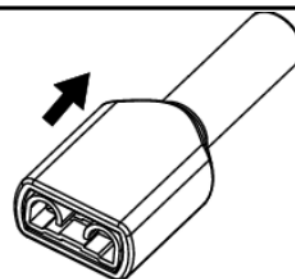
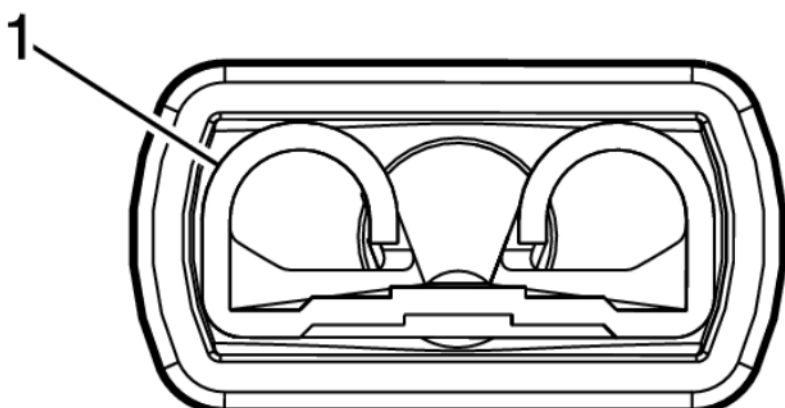
- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 1-Way F Slide Terminal (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.35	BK	2267	Mirror Heating Element Supply Voltage	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - DRIVER X2



Connector Part Information

- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available

- Service Connector: Service by Component - See Part Catalog
- Description: 1-Way F Slide Terminal (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.35	BK	850	Ground	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - DRIVER X3 (UFG OR UFT)

Connector Part Information

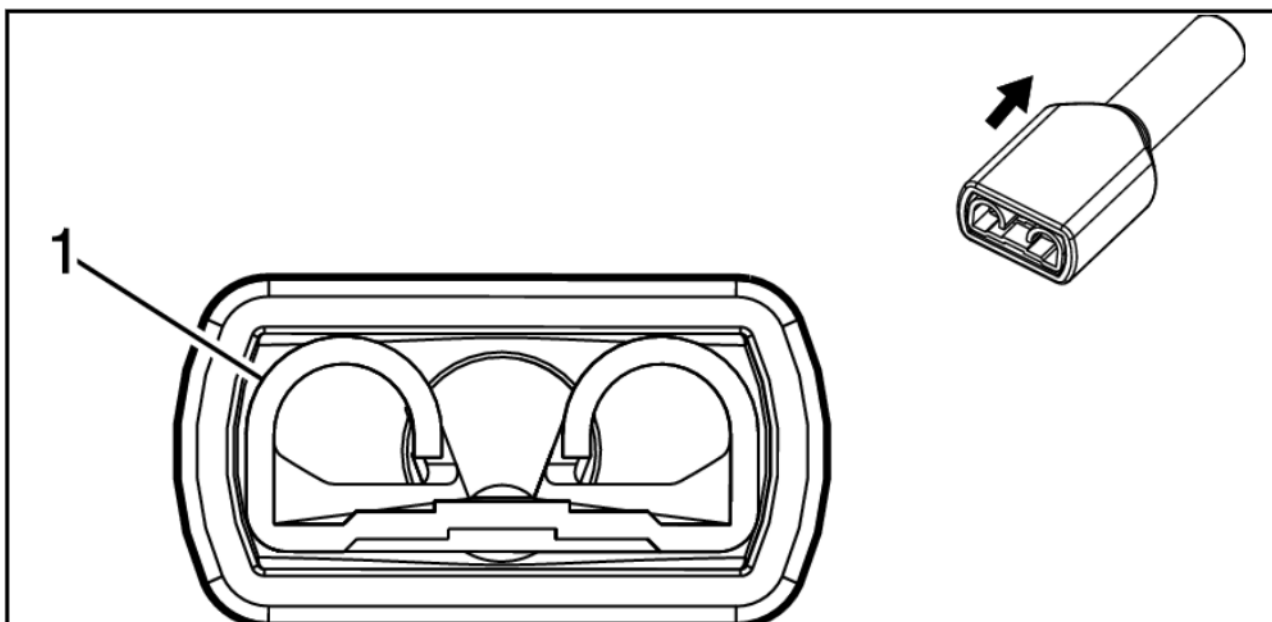
- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 2-Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	PU	5853	Driver Side Object Detection LED Signal (1)	I	-
2	0.5	GN	850	Ground	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - PASSENGER X1



Connector Part Information

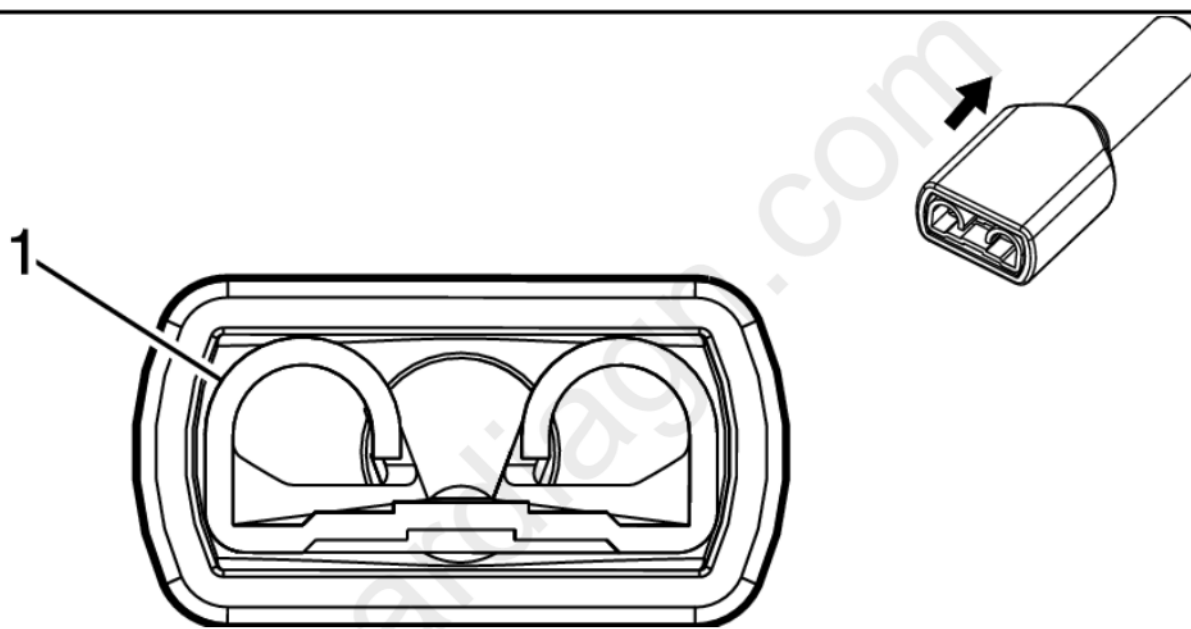
- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 1-Way F Slide Terminal (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.35	BK	2267	Mirror Heating Element Supply Voltage	I	-

E17D OUTSIDE REARVIEW MIRROR GLASS - PASSENGER X2



Connector Part Information

- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 1-Way F Slide Terminal (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.35	BK	2050	Ground	I	-

E17P OUTSIDE REARVIEW MIRROR GLASS - PASSENGER X3 (UFG OR UFT)

-

Connector Part Information

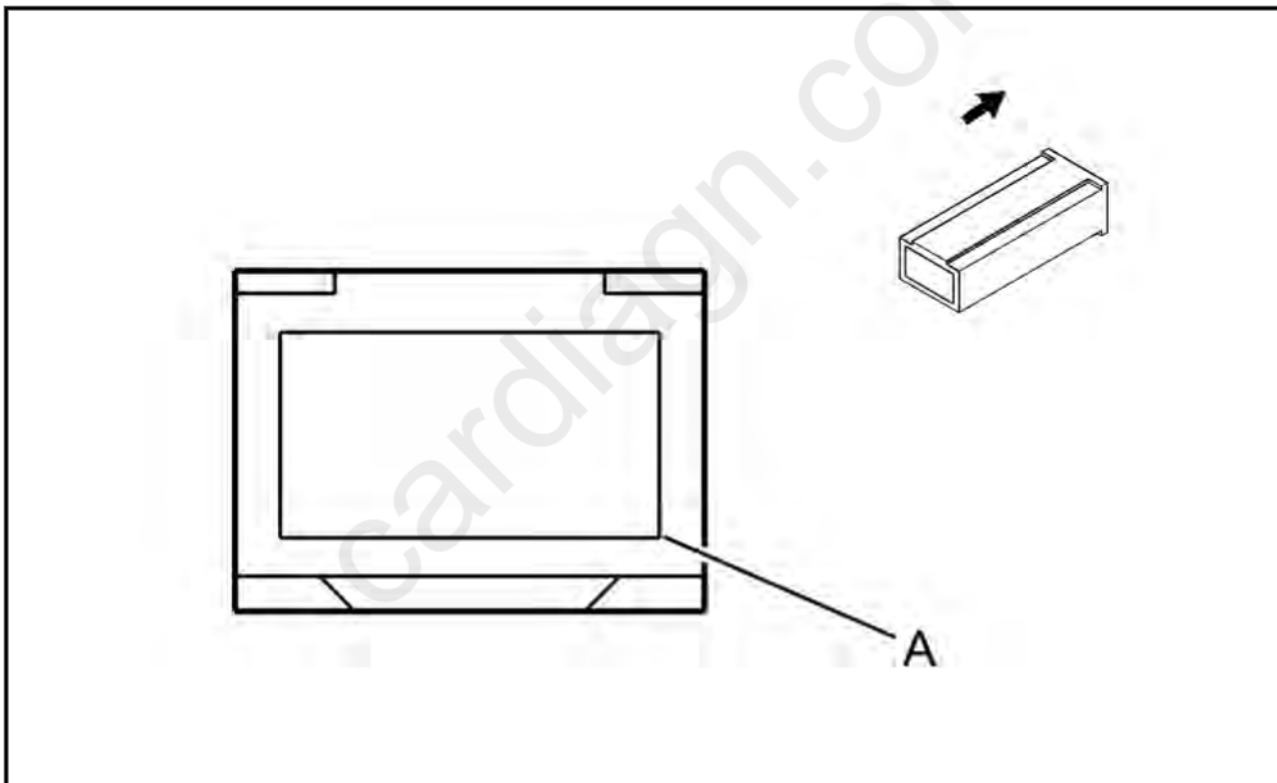
- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 2-Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	5861	Passenger Side Object Detection LED Signal (1)	I	-
2	0.5	BK	2050	Ground	I	-

E18 REAR DEFOGGER GRID X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13129191
- Service Connector: 13580102
- Description: 1-Way F 6.3 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	BK	293	Rear Defog Element Control	I	-

E18 REAR DEFOGGER GRID X2

Connector Part Information

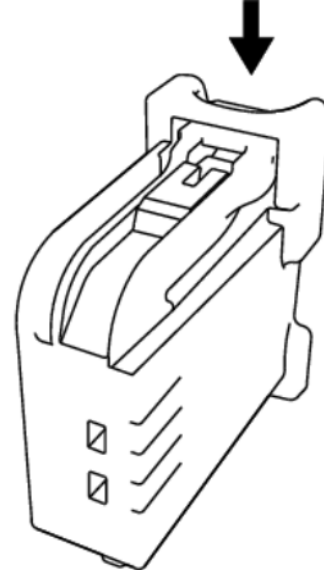
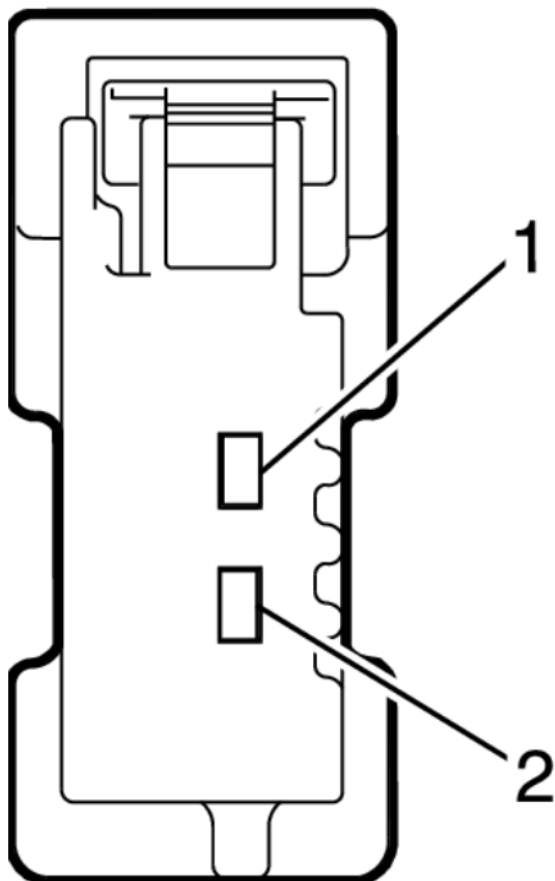
- Harness Type: Body
- OEM Connector: 13129191
- Service Connector: 13580102
- Description: 1-Way F 6.3 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	BK	650	Ground	I	-

E27 INSTRUMENT PANEL COMPARTMENT LAMP



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595207
- Service Connector: 13584097
- Description: 2-Way F 1.5 Series (BK)

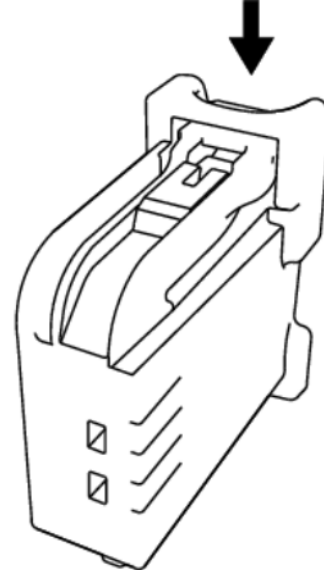
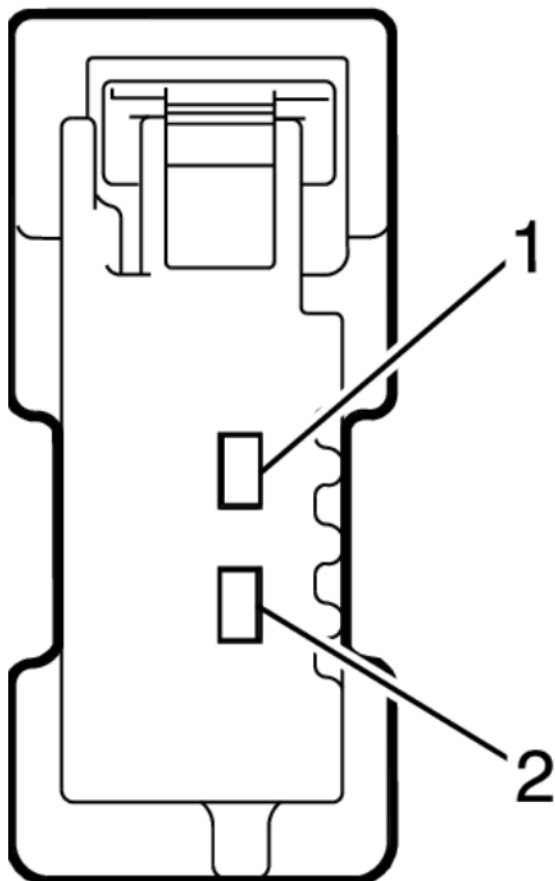
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	6815	Inadvertent Power Control	I	-
2	0.5	BK	2250	Ground	I	-

E28 CENTER CONSOLE COMPARTMENT LAMP





Connector Part Information

- Harness Type: Console
- OEM Connector: 13595207
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (BK)

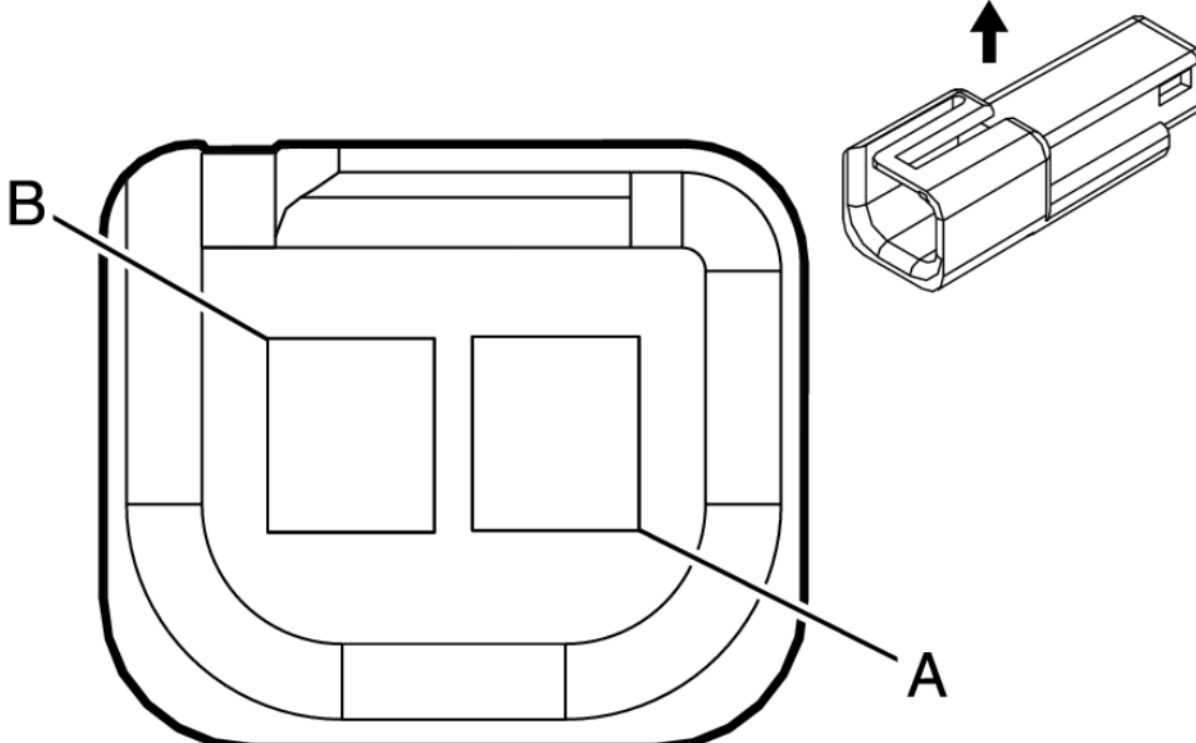
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BN	6815	Inadvertent Power Control	I	-
2	0.5	BK	2250	Ground	I	-

E31L SUNSHADE MIRROR LAMP - LEFT





Connector Part Information

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

Terminal Part Information

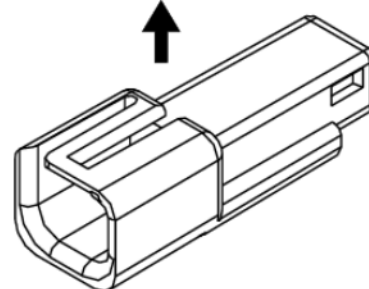
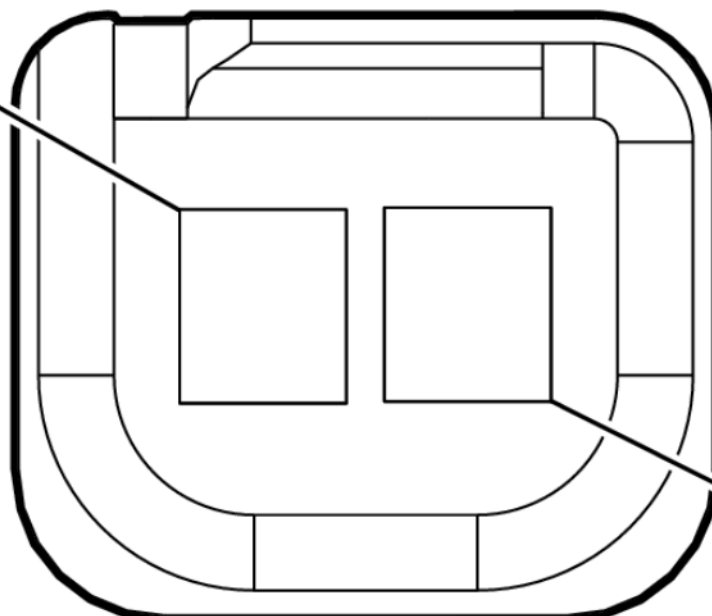
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/BN	6815	Inadvertent Power Control	I	-
B	0.5	BK	2550	Ground	I	-

E31R SUNSHADE MIRROR LAMP - RIGHT



B



A

Connector Part Information

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

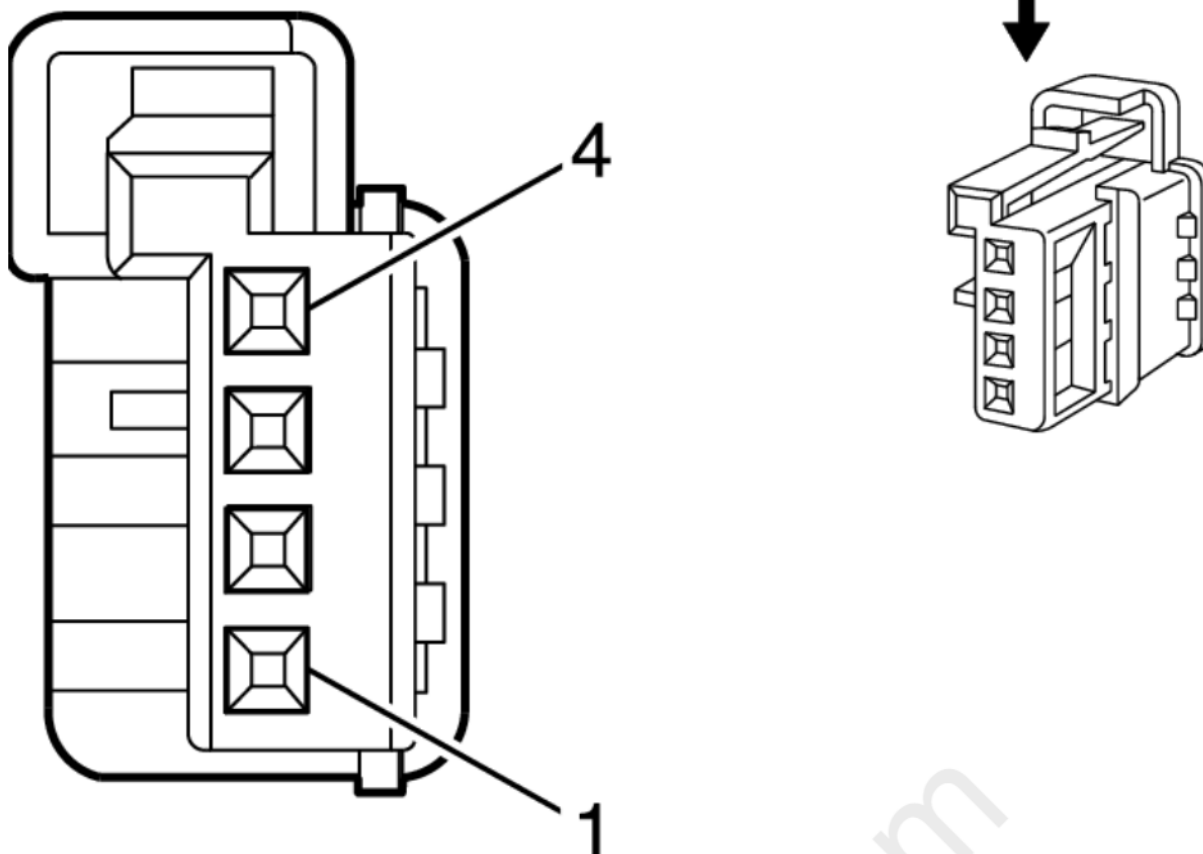
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	WH/BN	6815	Inadvertent Power Control	I	-
B	0.5	BK	2550	Ground	I	-

E37LF DOME/READING LAMPS - LEFT FRONT





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10812166
- Service Connector: 19119349
- Description: 4-Way F 0.64 Micro-Quadlock Series (GY)

Terminal Part Information

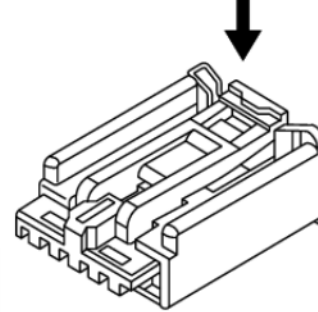
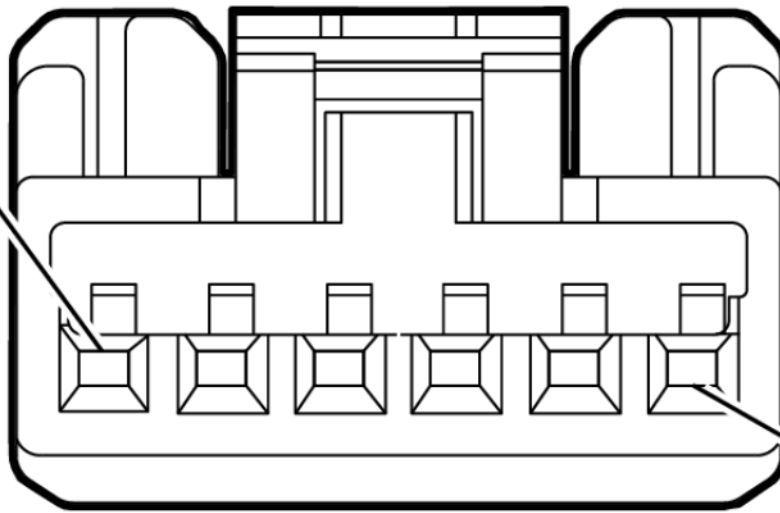
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BN	6815	Inadvertent Power Control	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	BK	2550	Ground	I	-
4	0.35	GY	157	Interior Lamp Control	I	-

E37R DOME/READING LAMPS - REAR



6



1

Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

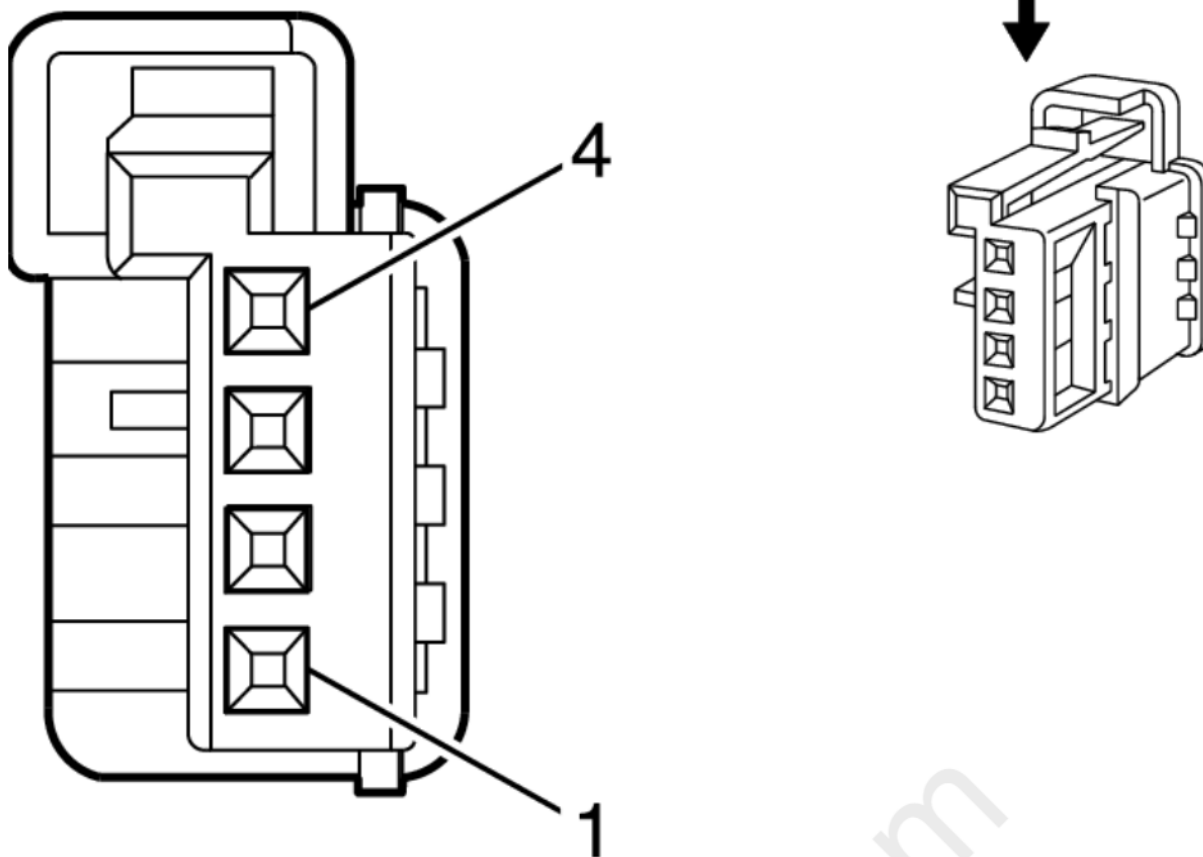
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BN	6815	Inadvertent Power Control	I	-
2	0.35	GY	157	Interior Lamp Control	I	-
3	0.35	BK	2550	Ground	I	-
4	0.35	YE	6817	LED Backlight Dimming Control	I	-
5 - 6	-	-	-	Not Occupied	-	-

E37RF DOME/READING LAMPS - RIGHT FRONT





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10812166
- Service Connector: 19119349
- Description: 4-Way F 0.64 Micro-Quadlock Series (GY)

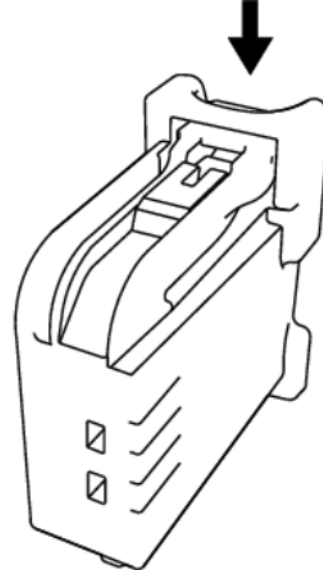
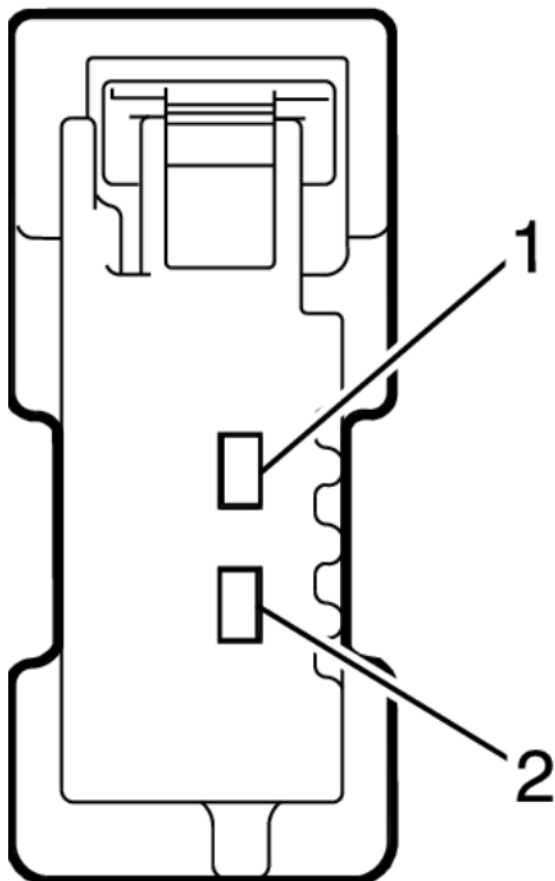
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BN	6815	Inadvertent Power Control	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	BK	2550	Ground	I	-
4	0.35	GY	157	Interior Lamp Control	I	-

E38 FLOOD LAMP - CENTER CONSOLE





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13595207
- Service Connector: 13584097
- Description: 2-Way F 1.5 Series (BK)

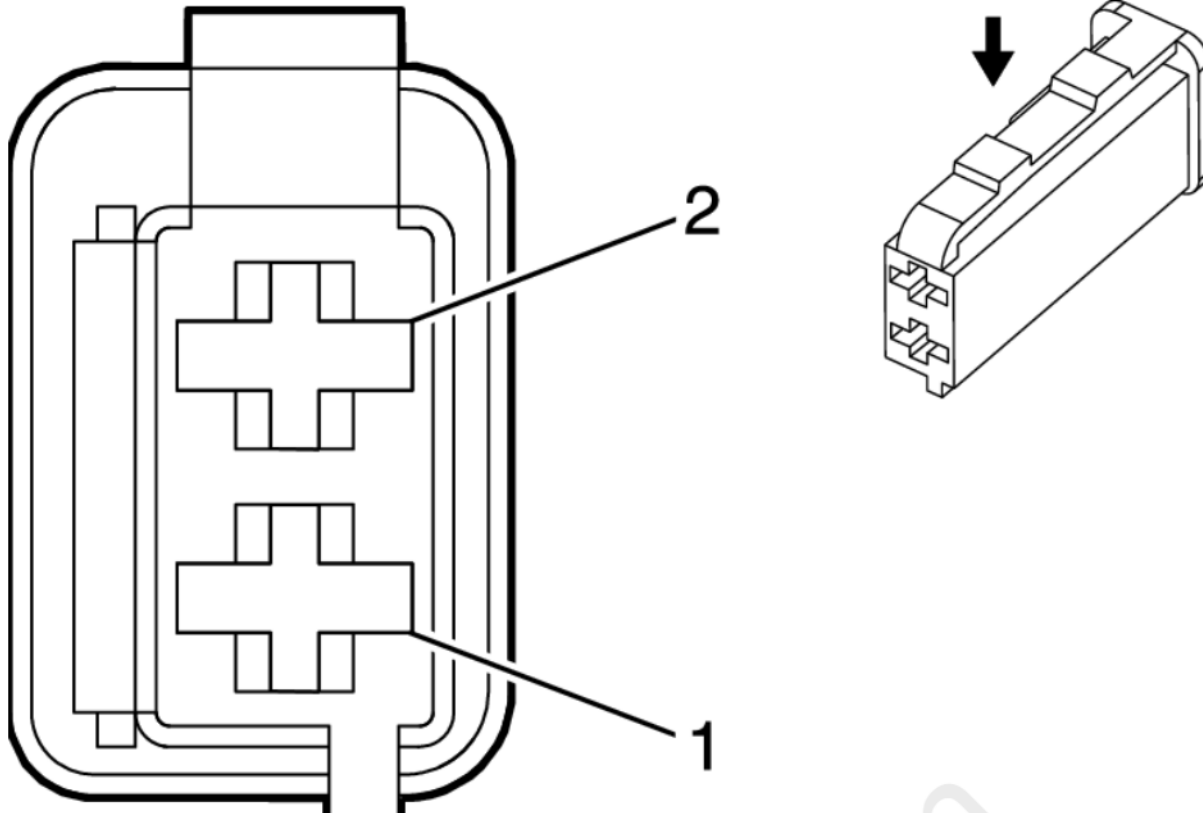
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2550	Ground	I	-

E63D FLOOD LAMP - DRIVER DOOR HANDLE





Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

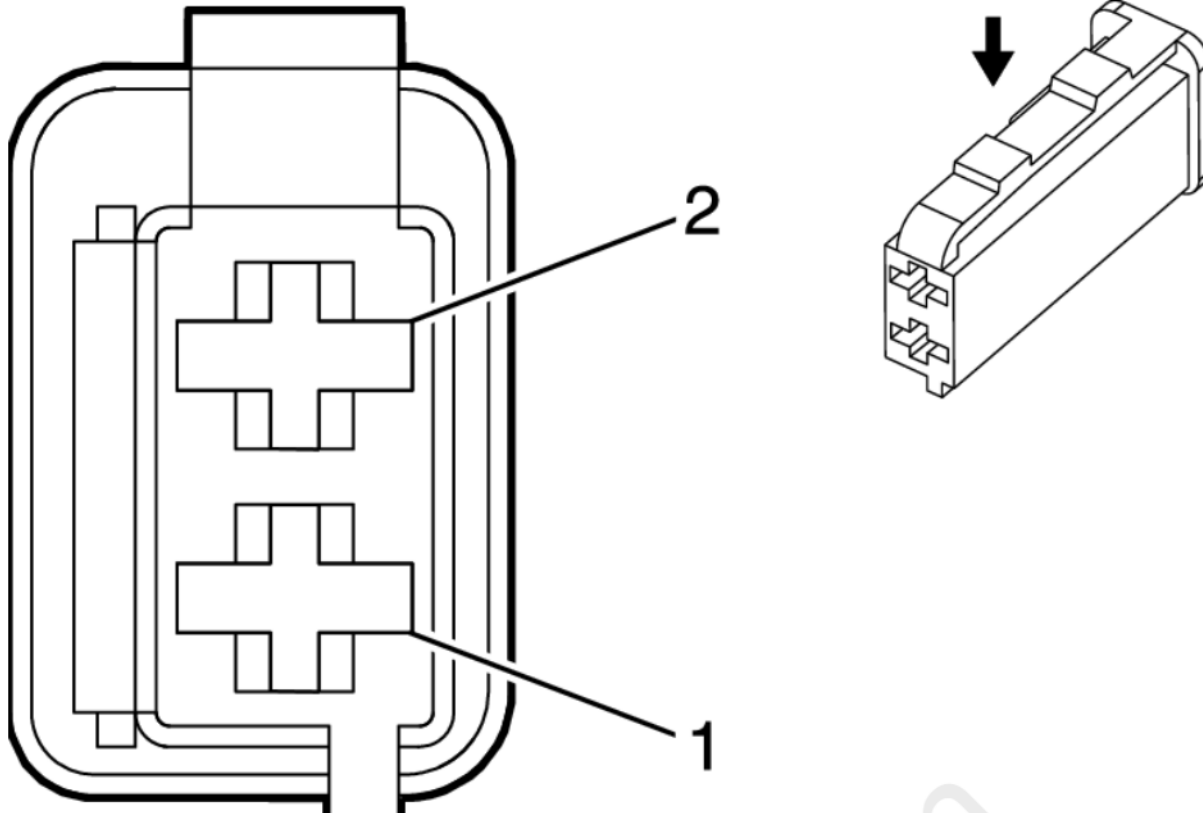
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	850	Ground	I	-

E63P FLOOD LAMP - PASSENGER DOOR HANDLE





Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13670097
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.6 Timer Series (BK)

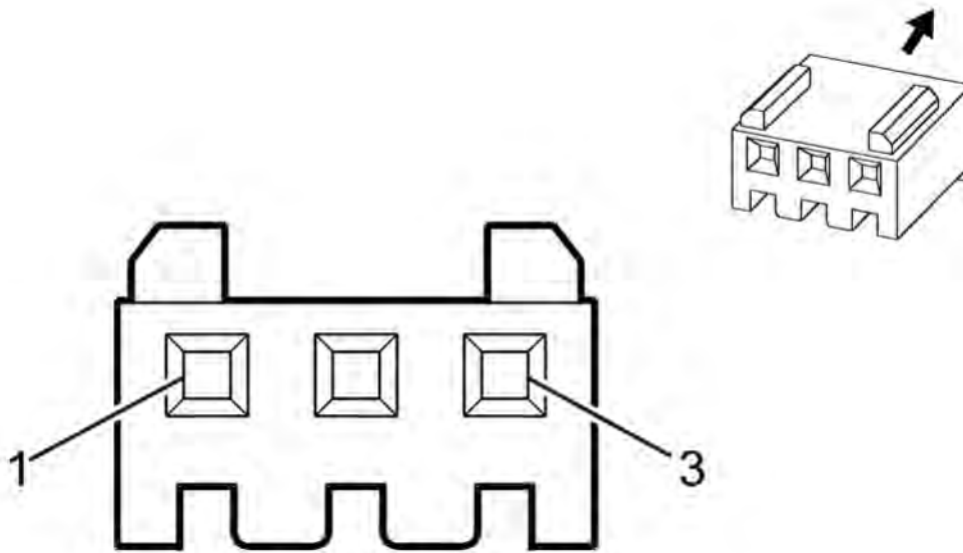
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	7557	LED Ambient Lighting Control 1	I	-
2	0.5	BK	2050	Ground	I	-

E66D OUTSIDE REARVIEW MIRROR LAMPS ASSEMBLY - DRIVER





Connector Part Information

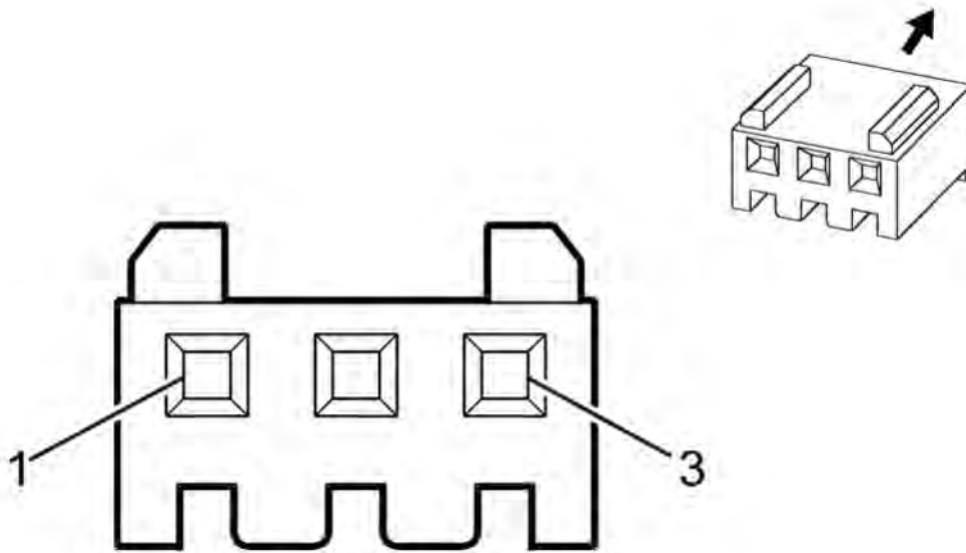
- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: HL203
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
A	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
B	0.35	BK	850	Ground	I	-

E66P OUTSIDE REARVIEW MIRROR LAMPS ASSEMBLY - PASSENGER



Connector Part Information

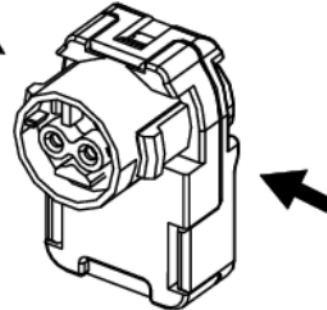
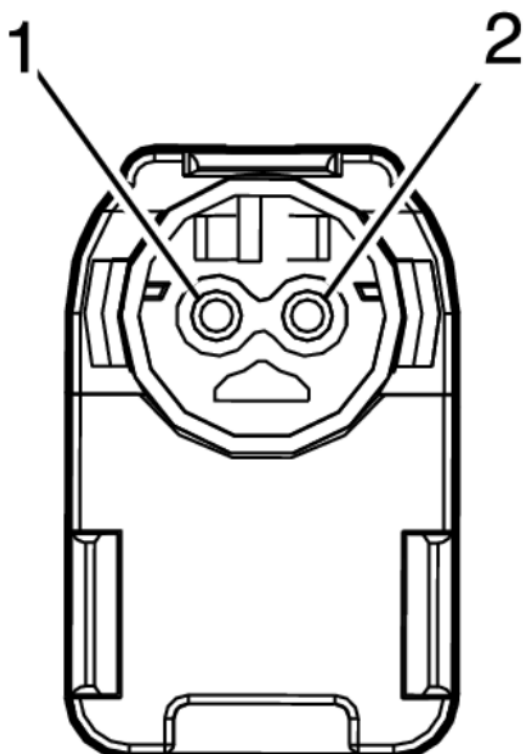
- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: HL203
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F (WH)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
A	0.35	GN/VT	5996	Driver Outside Rear View Mirror Puddle Lamp Control	I	-
B	0.35	BK	2050	Ground	I	-

F101 PASSENGER INSTRUMENT PANEL AIR BAG X1



Connector Part Information

- Harness Type: Passenger Airbag Jumper
- OEM Connector: 19178106
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GN with YE Cover)

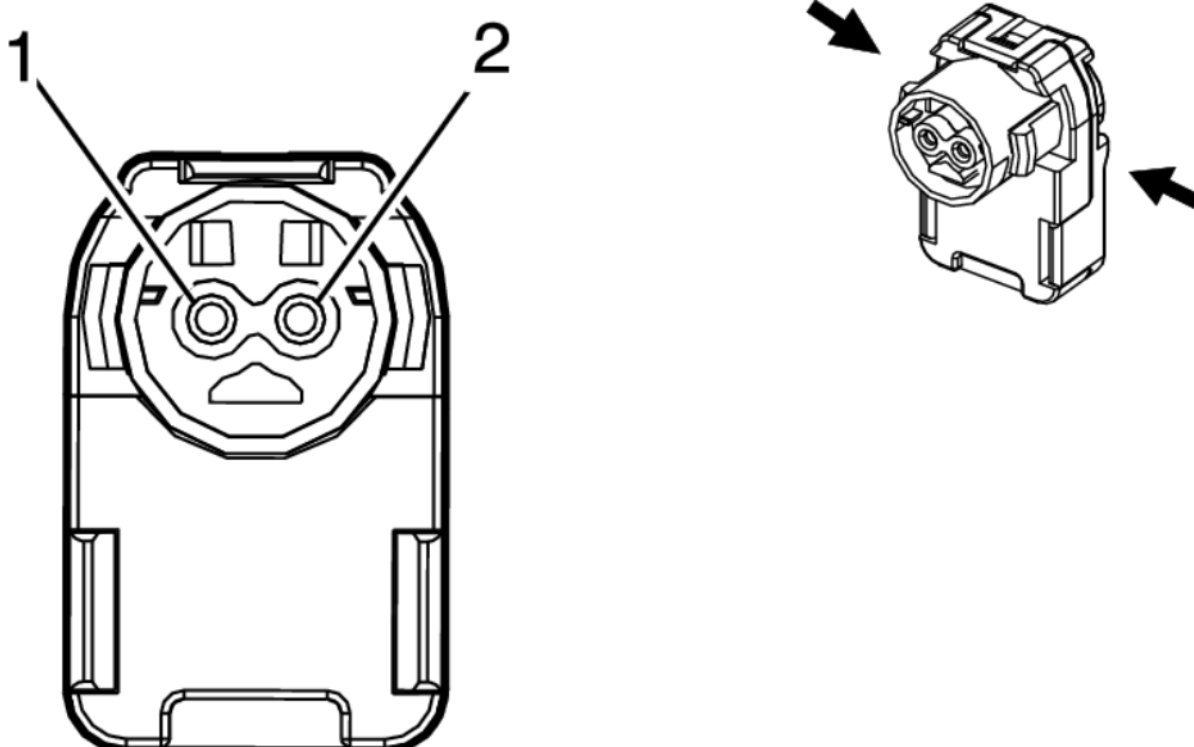
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	3025	Passenger IP Module Stage 1 High Control	I	-
2	0.5	OG	3024	Passenger IP Module Stage 1 Low Control	I	-

F101 PASSENGER INSTRUMENT PANEL AIR BAG X2





Connector Part Information

- Harness Type: Passenger Airbag Jumper
- OEM Connector: 19178107
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

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

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

F101 PASSENGER INSTRUMENT PANEL AIR BAG X3

Connector Part Information

- Harness Type: Passenger Airbag Jumper
- OEM Connector: 1557.123.211
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: Ring Terminal

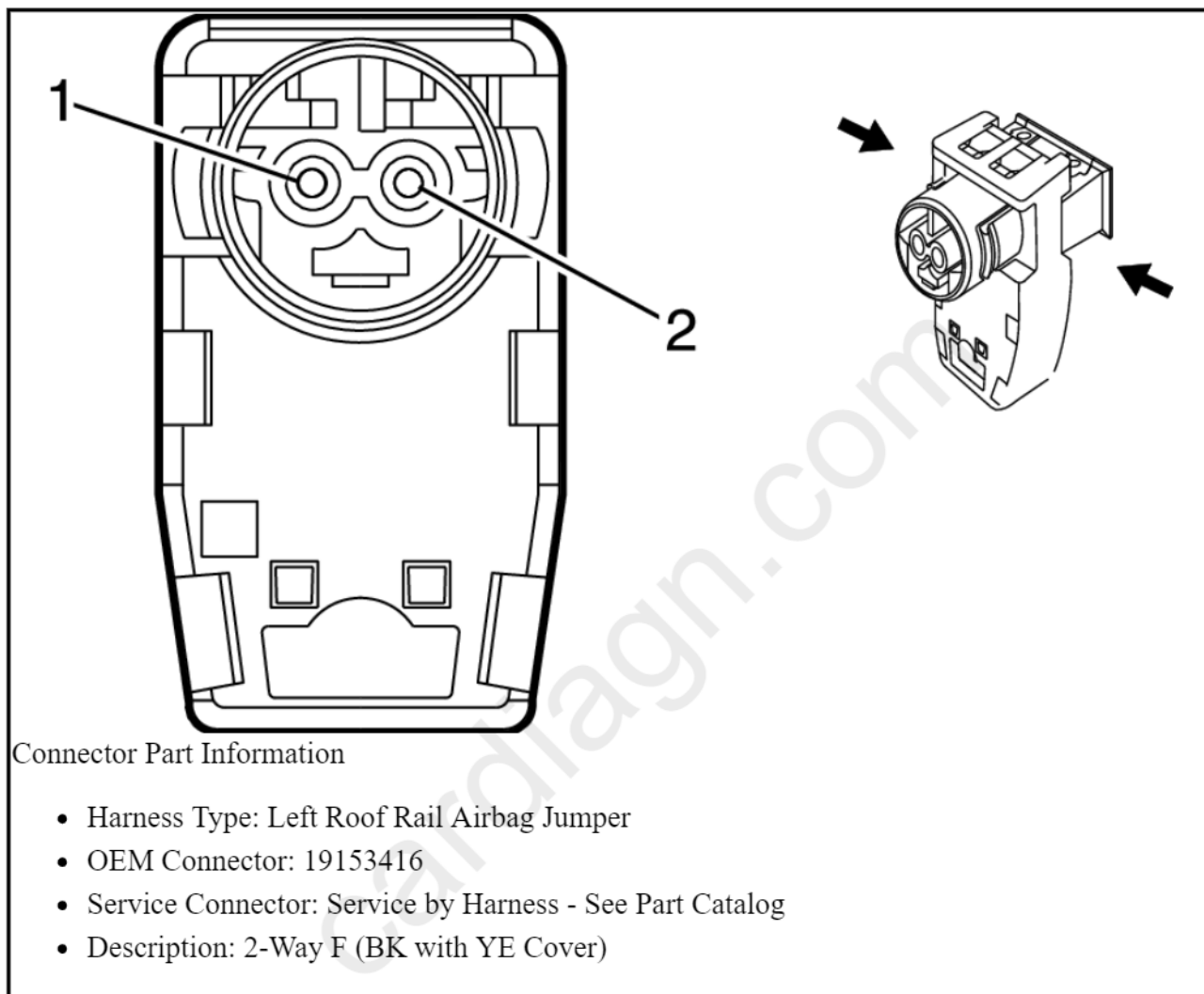
Terminal Part Information

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

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	1550	Ground	I	-

F105L ROOF RAIL AIR BAG - LEFT

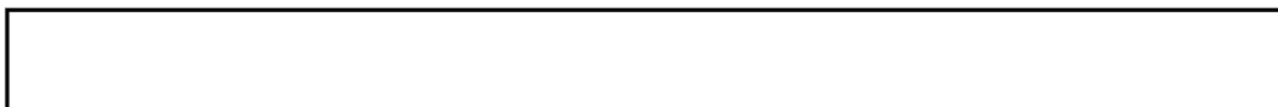


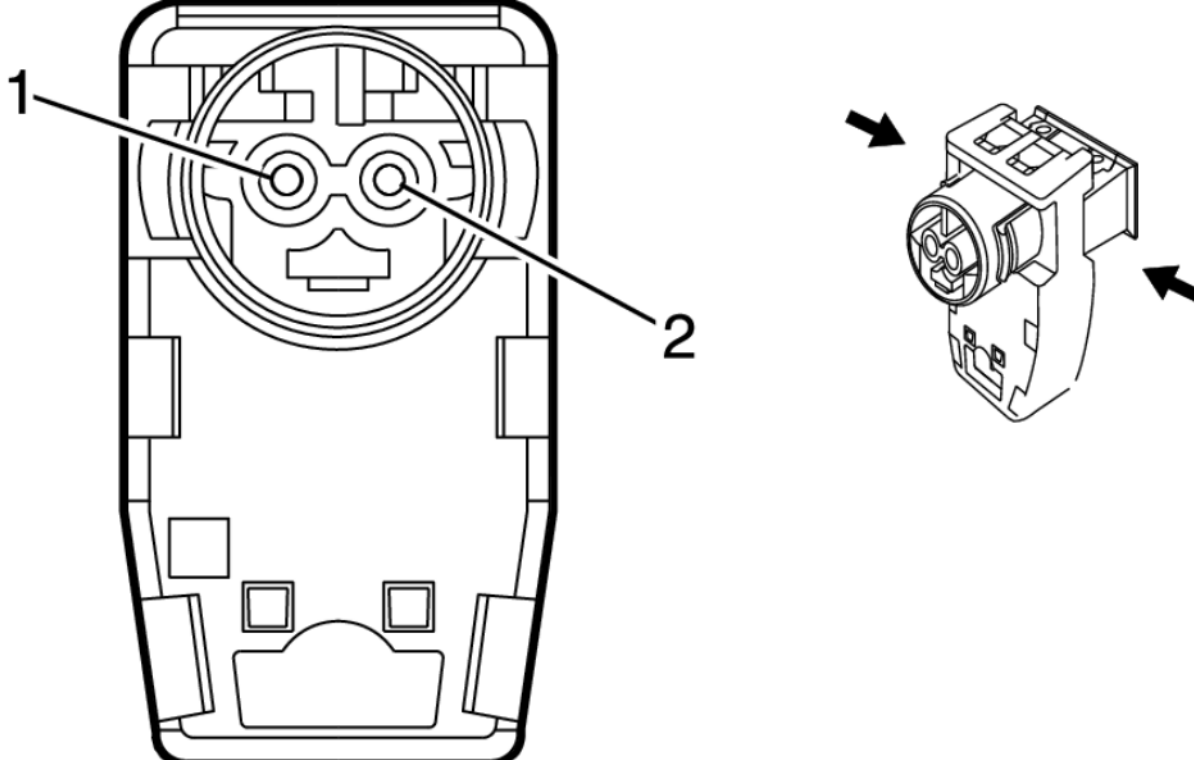
Terminal Part Information

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

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

F105R ROOF RAIL AIR BAG - RIGHT





Connector Part Information

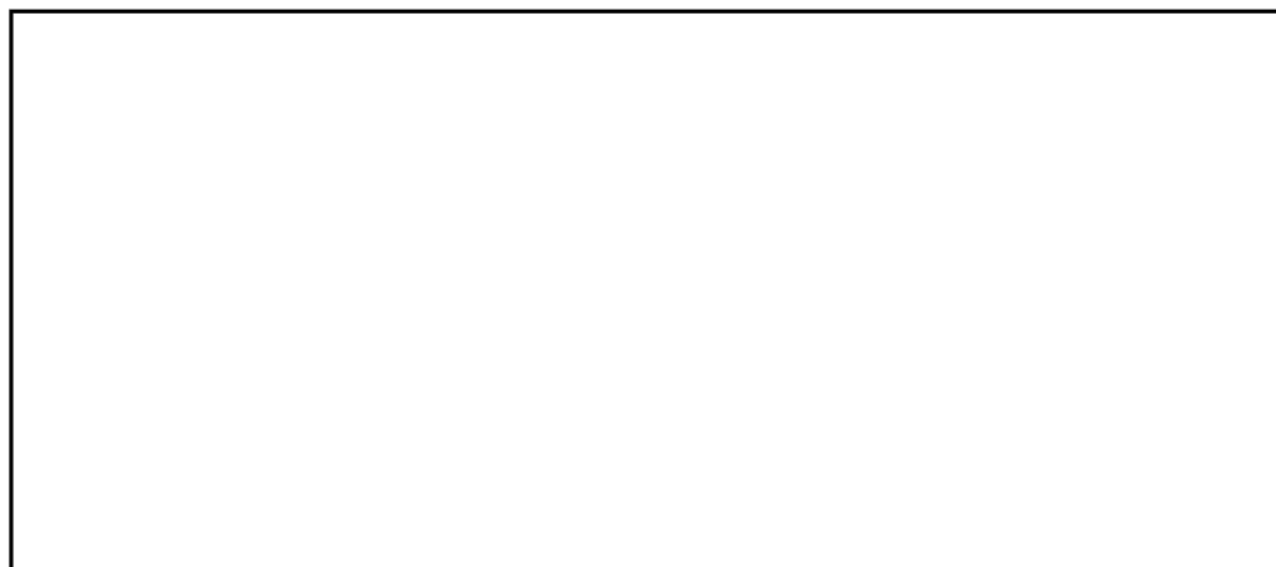
- Harness Type: Right Roof Rail Airbag Jumper
- OEM Connector: 19153416
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F (BK with YE Cover)

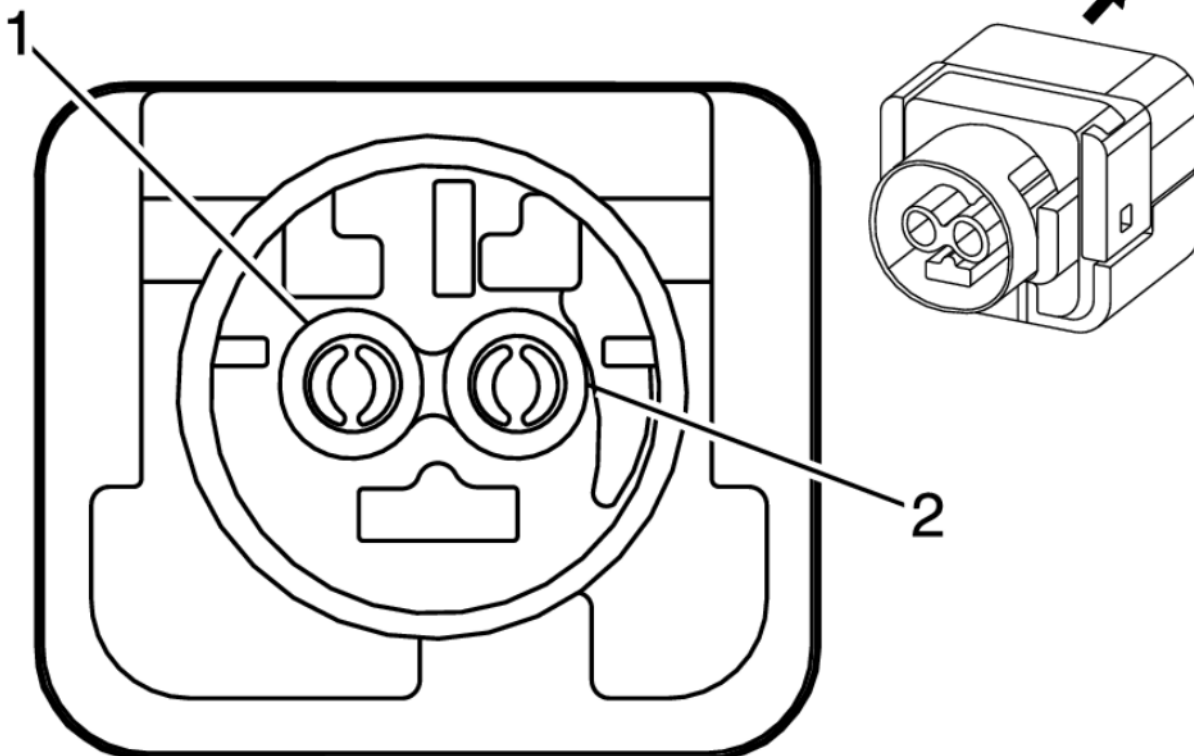
Terminal Part Information

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

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

F106LF SEAT SIDE AIR BAG - LEFT FRONT





Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: PPI0001142
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

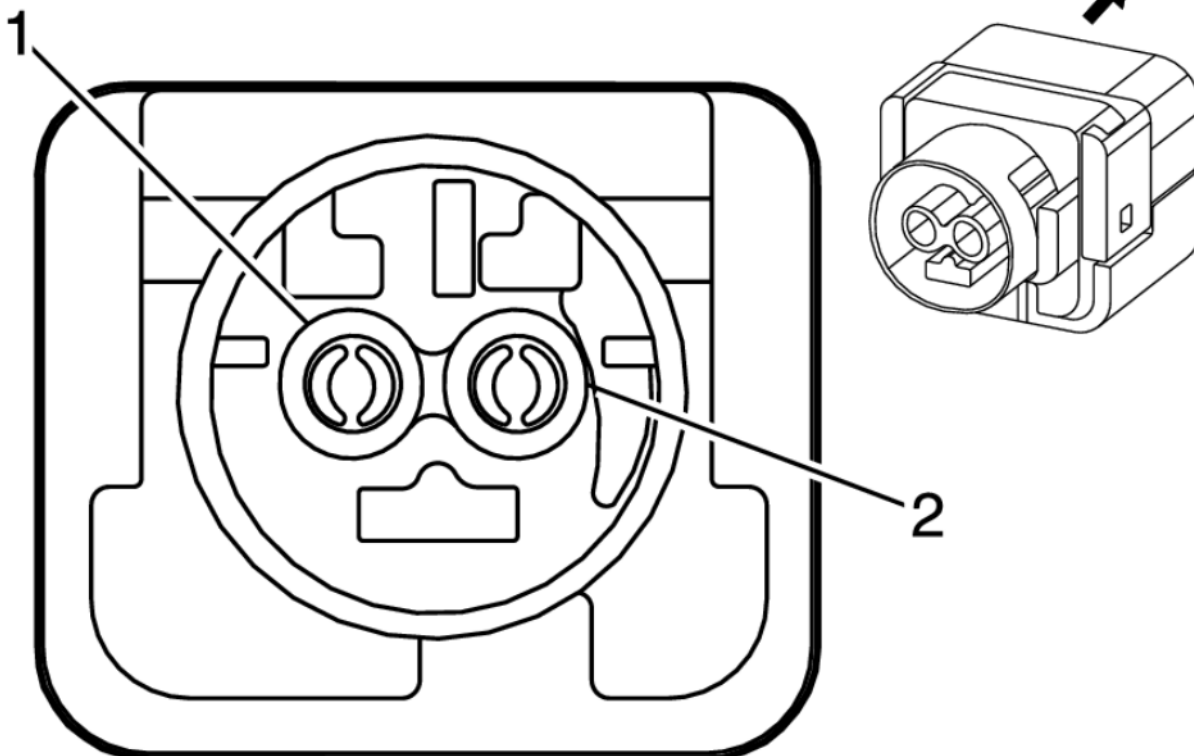
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	3068	Driver Side Impact Module High Control	I	-
2	0.5	GN/OG	3069	Driver Side Impact Module Low Control	I	-

F106LR SEAT SIDE AIR BAG - LEFT REAR X1

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Connector Part Information

- Harness Type: Left Rear Seat Airbag Jumper
- OEM Connector: 19178108
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

Terminal Part Information

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

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

F106LR SEAT SIDE AIR BAG - LEFT REAR X2

Connector Part Information

- Harness Type: Left Rear Seat Airbag Jumper
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

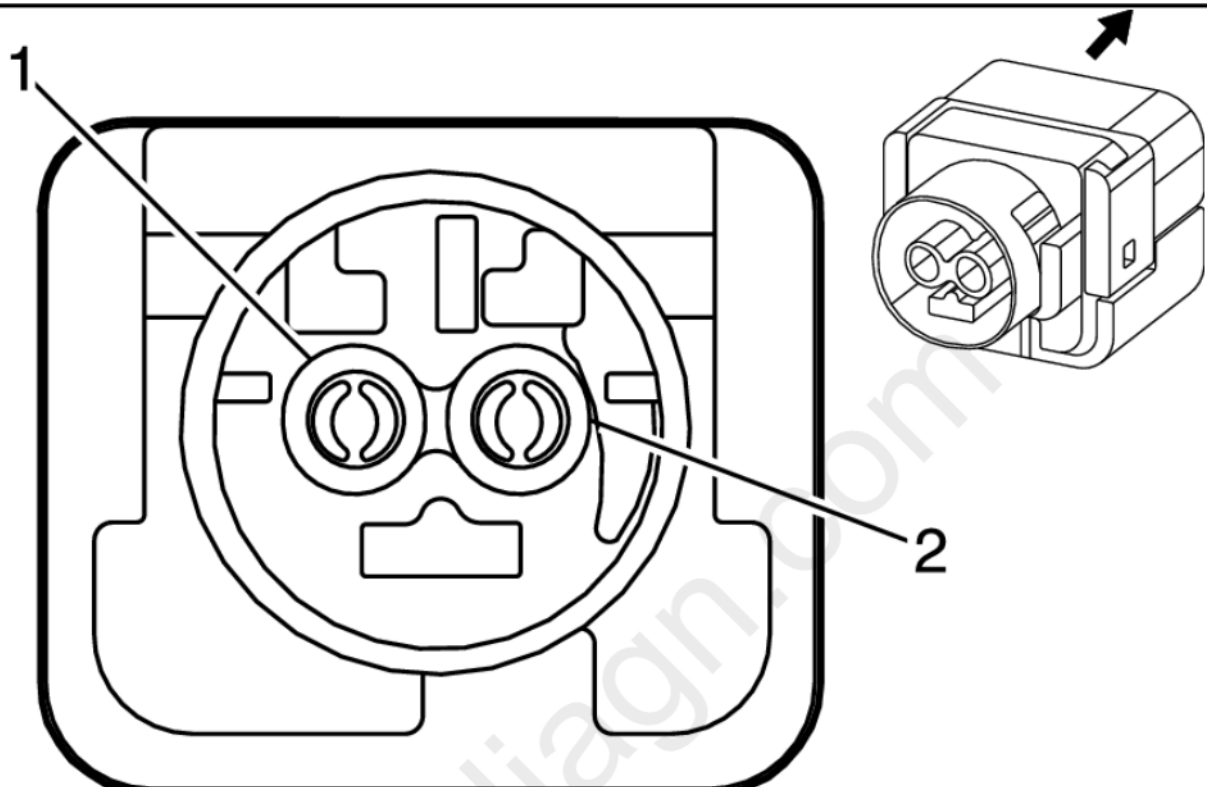
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK	2350	Ground	I	-

F106RF SEAT SIDE AIR BAG - RIGHT FRONT



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: PPI0001142
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F FPB 180-1 Series (BK with YE Cover)

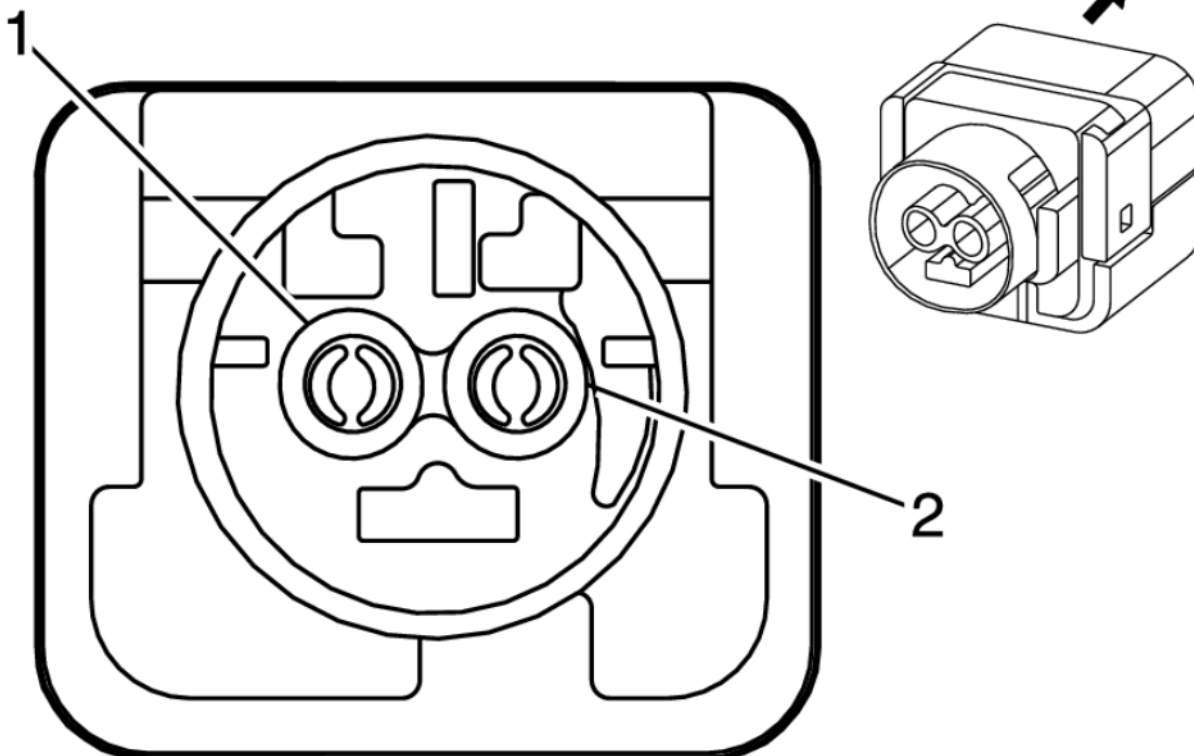
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
2	0.5	BN/OG	3067	Passenger Side Impact Module Low Control	I	-

F106RR SEAT SIDE AIR BAG - RIGHT REAR X1

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Connector Part Information

- Harness Type: Right Rear Seat Airbag Jumper
- OEM Connector: 19178108
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG	5225	Right Rear Side Impact SIR Inflator Control	I	-
2	0.5	GN	5226	Right Rear Side Impact SIR Inflator Control	I	-

F106RR SEAT SIDE AIR BAG - RIGHT REAR X2

Connector Part Information

- Harness Type: Right Rear Seat Airbag Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

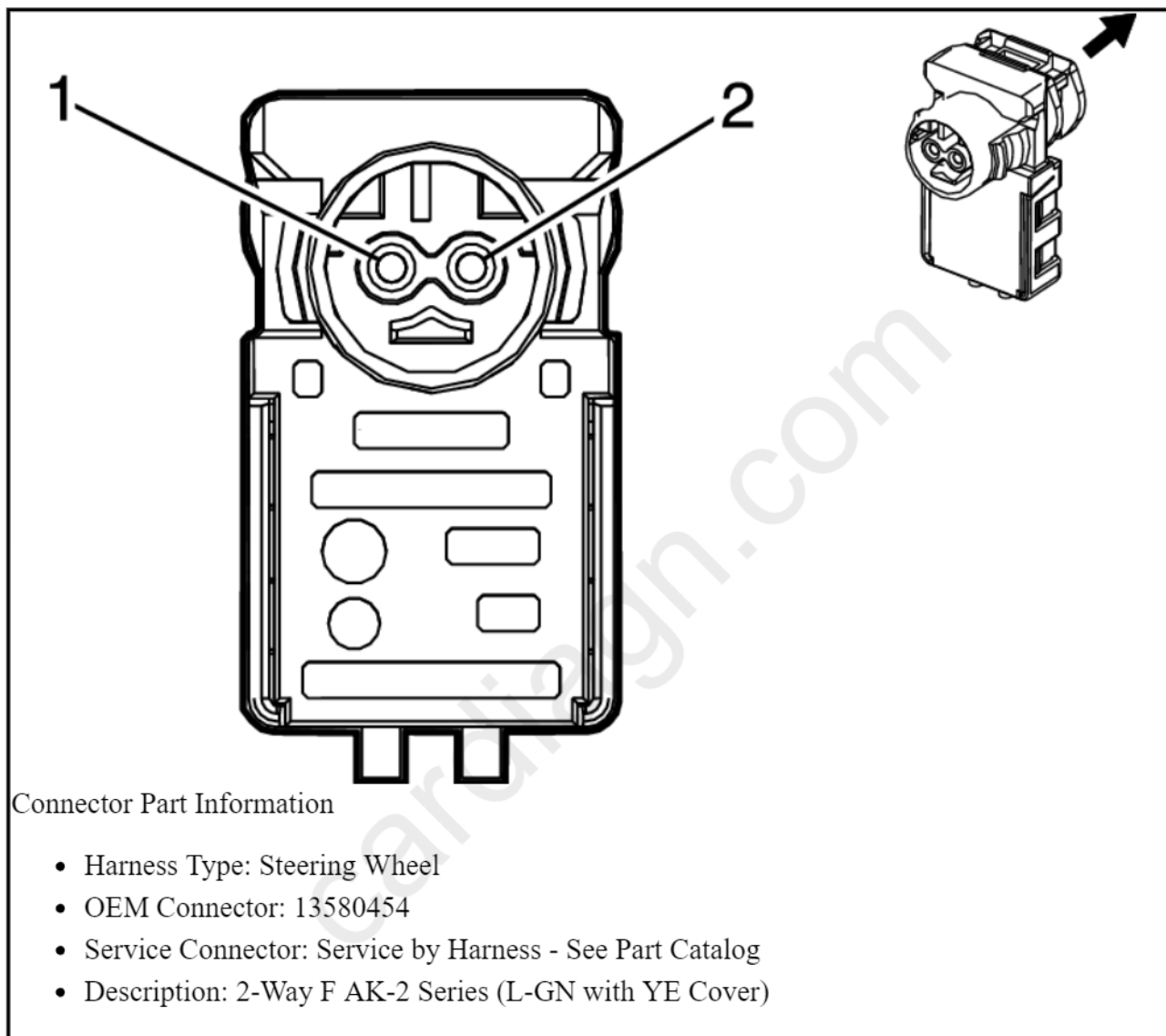
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK	2050	Ground	I	-

F107 STEERING WHEEL AIR BAG X1

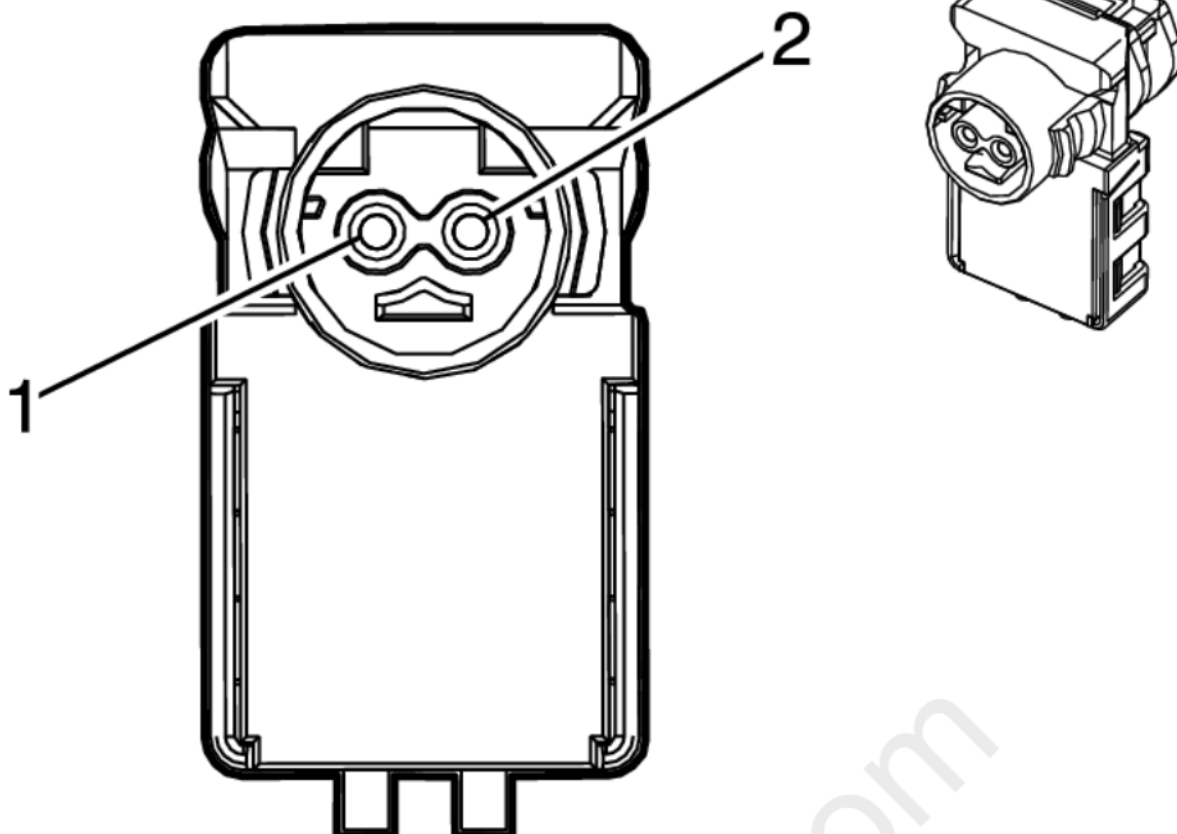


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	TN	3021	Steering Wheel Module Stage 1 High Control	I	-
2	0.35	BN	3020	Steering Wheel Module Stage 1 Low Control	I	-

F107 STEERING WHEEL AIR BAG X2



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 13580453
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F AK-2 Series (YE with YE Cover)

Terminal Part Information

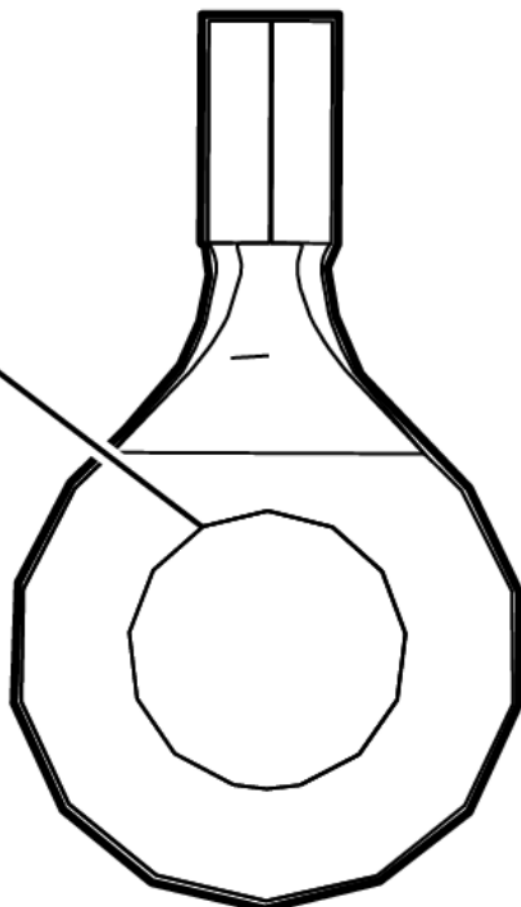
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH	3023	Steering Wheel Module Stage 2 High Control	I	-
2	0.35	PK	3022	Steering Wheel Module Stage 2 Low Control	I	-

F107 STEERING WHEEL AIR BAG X3



A



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 62718
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Ring Terminal

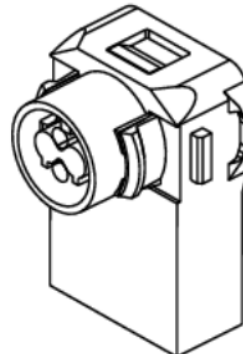
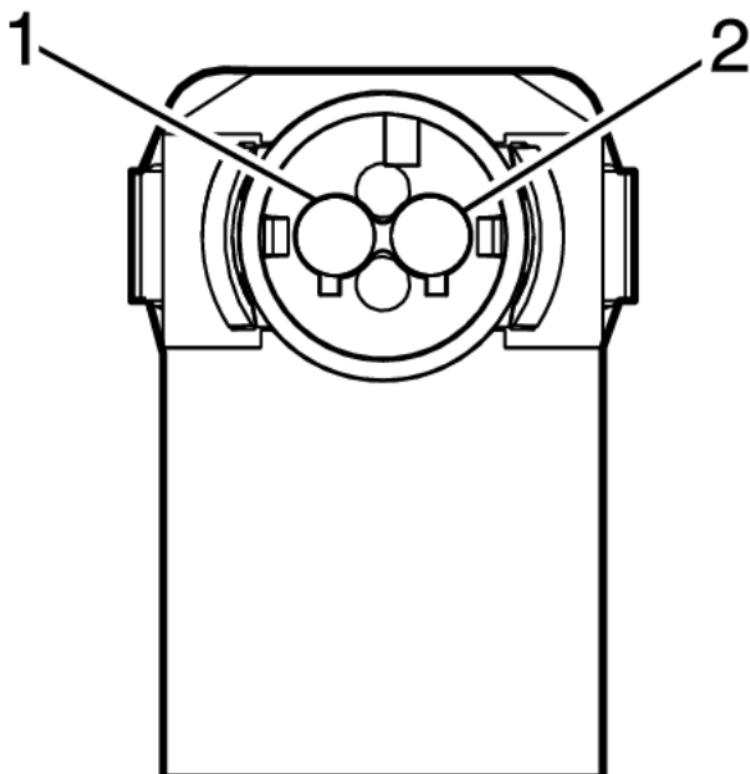
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	1550	Ground	I	-

F112D SEAT BELT RETRACTOR PRETENSIONER - DRIVER





Connector Part Information

- Harness Type: Body
- OEM Connector: 33345778
- Service Connector: 19355490
- Description: 2-Way F ABX-5 Series (PU with YE Cover)

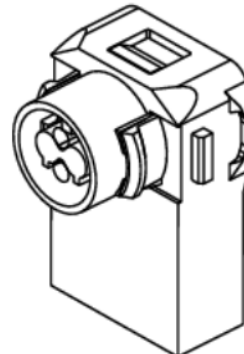
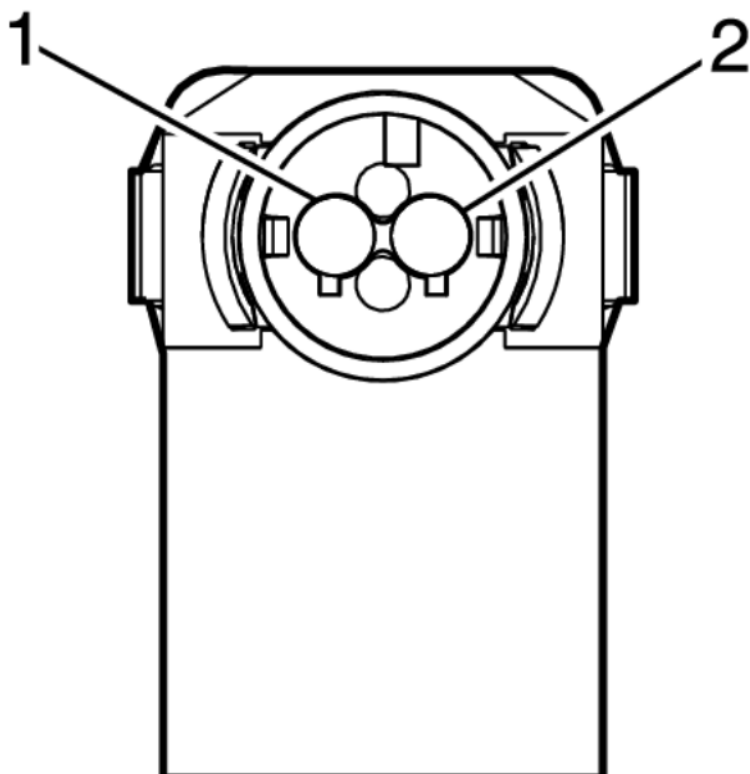
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-

F112P SEAT BELT RETRACTOR PRETENSIONER - PASSENGER





Connector Part Information

- Harness Type: Body
- OEM Connector: 33345778
- Service Connector: 19355490
- Description: 2-Way F ABX-5 Series (PU with YE Cover)

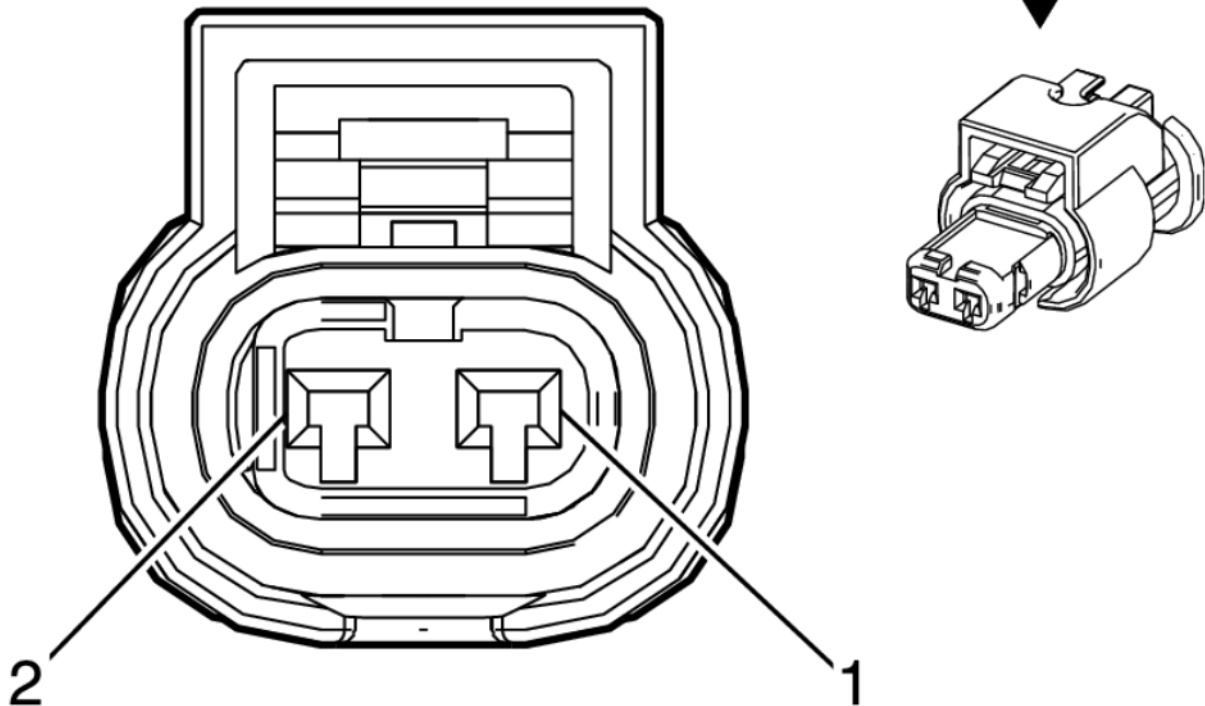
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-

F113D SEAT BELT ANCHOR PRETENSIONER - DRIVER





Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 13580145
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (YE with NA Inner Connector)

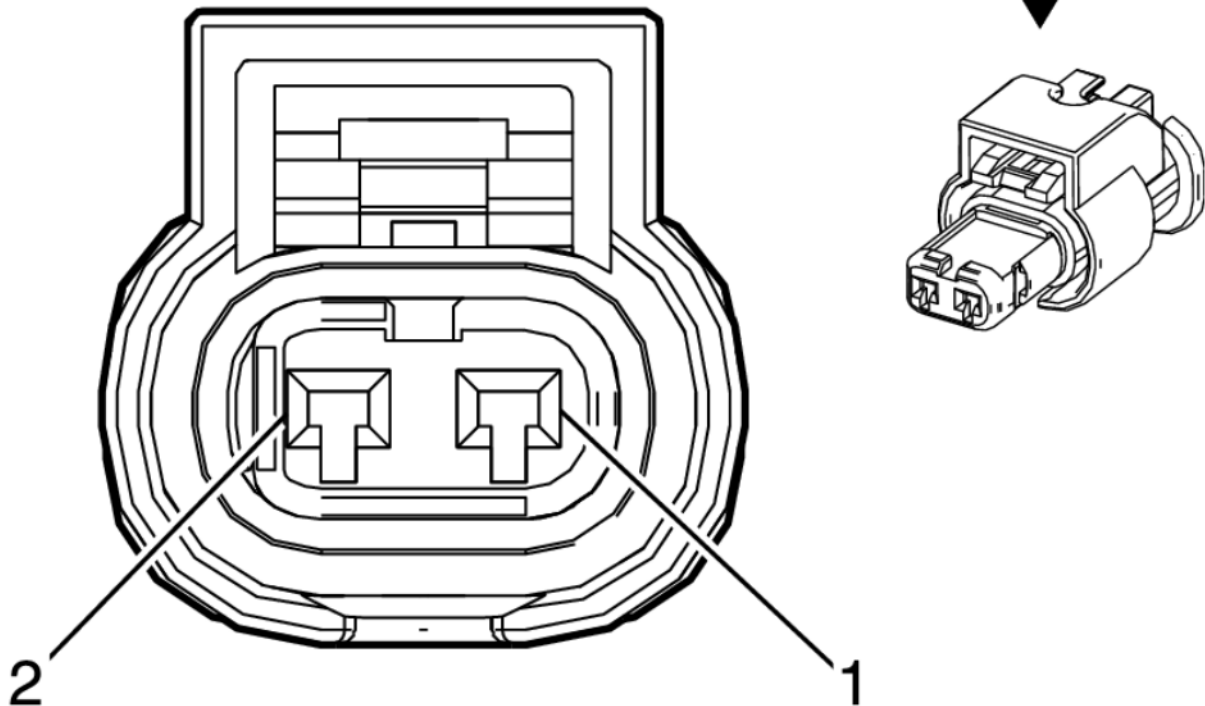
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
2	0.5	OG/BK	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-

F113P SEAT BELT ANCHOR PRETENSIONER - PASSENGER





Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 13580145
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (YE with NA Inner Connector)

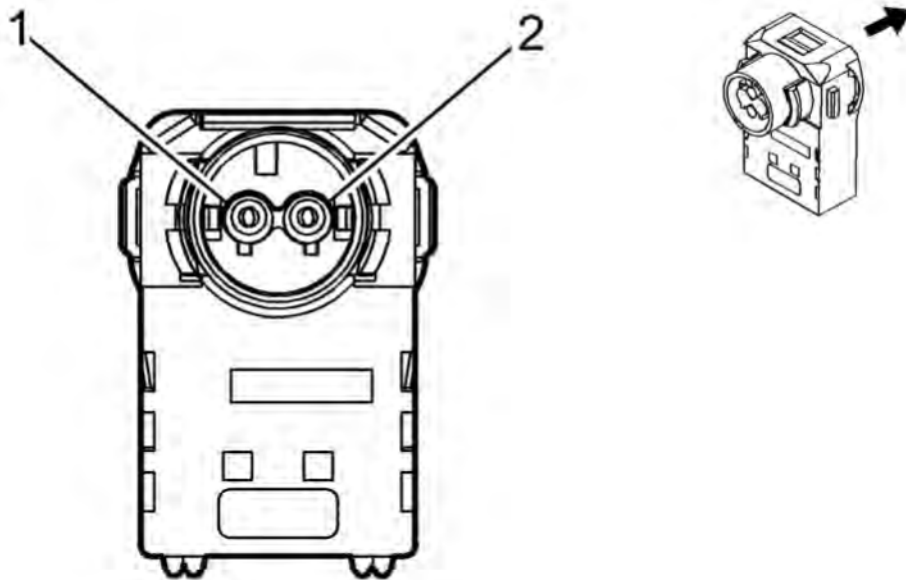
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
2	0.5	GY/BK	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-

F114D KNEE AIR BAG - DRIVER





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33345777
- Service Connector: 19355489
- Description: 2-Way F ABX-5 Series (PK with YE Cover)

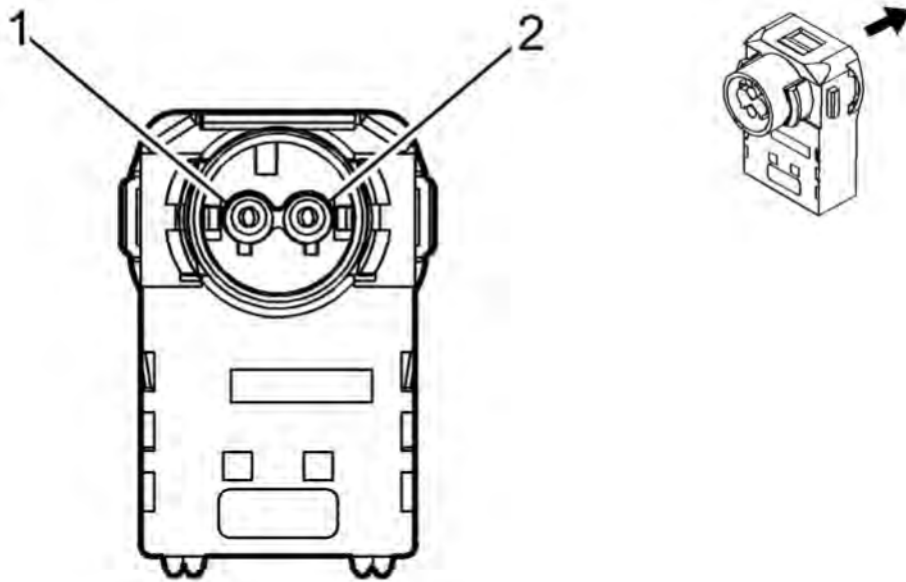
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

F114P KNEE AIR BAG - PASSENGER





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33345777
- Service Connector: 19355489
- Description: 2-Way F ABX-5 Series (PK with YE Cover)

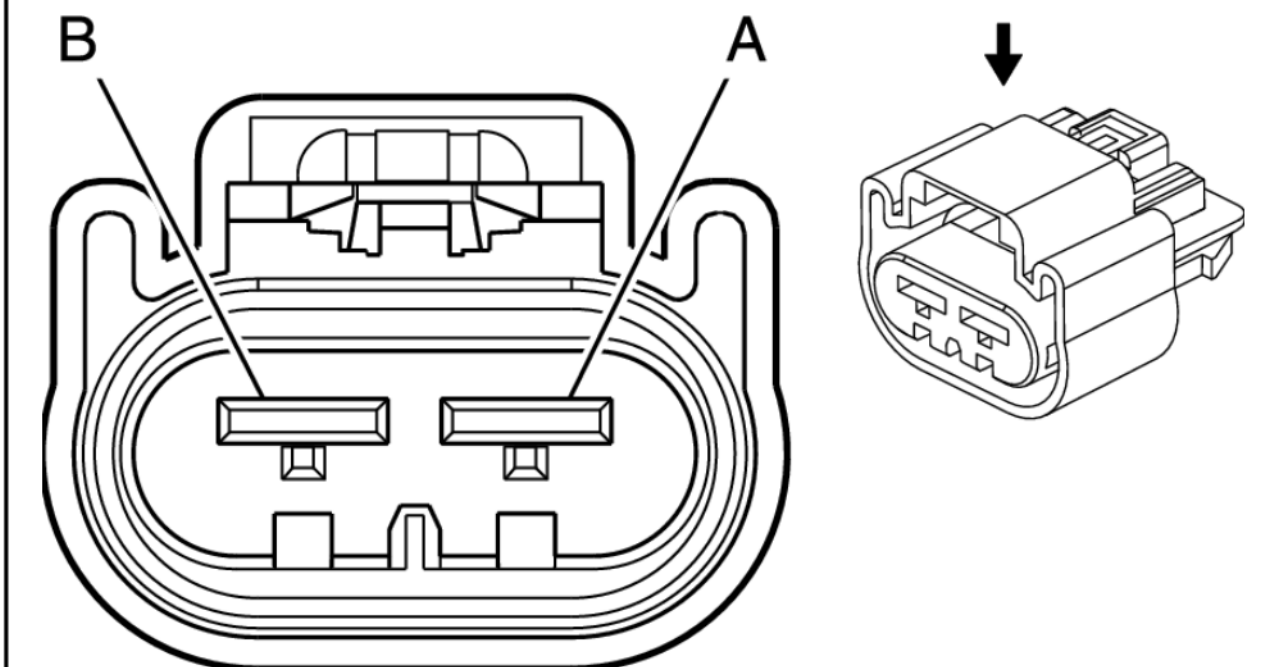
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

G10L COOLING FAN MOTOR - LEFT





Connector Part Information

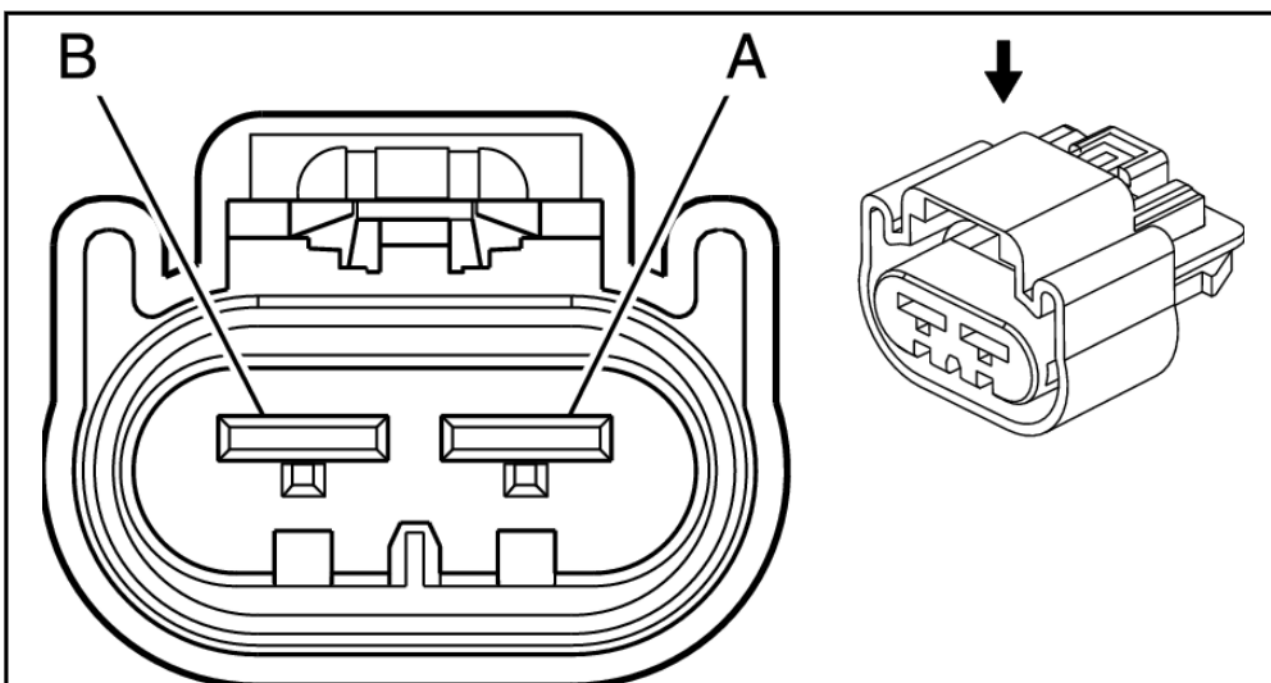
- Harness Type: Cooling Fan
- OEM Connector: 15454358
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 630 GT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	4	BK	1250	Ground	I	LFR
	6	BK	1250	Ground	I	LFX
B	6	GY	532	Cooling Fan Motor Control 2	I	-

G10R COOLING FAN MOTOR - RIGHT



Connector Part Information

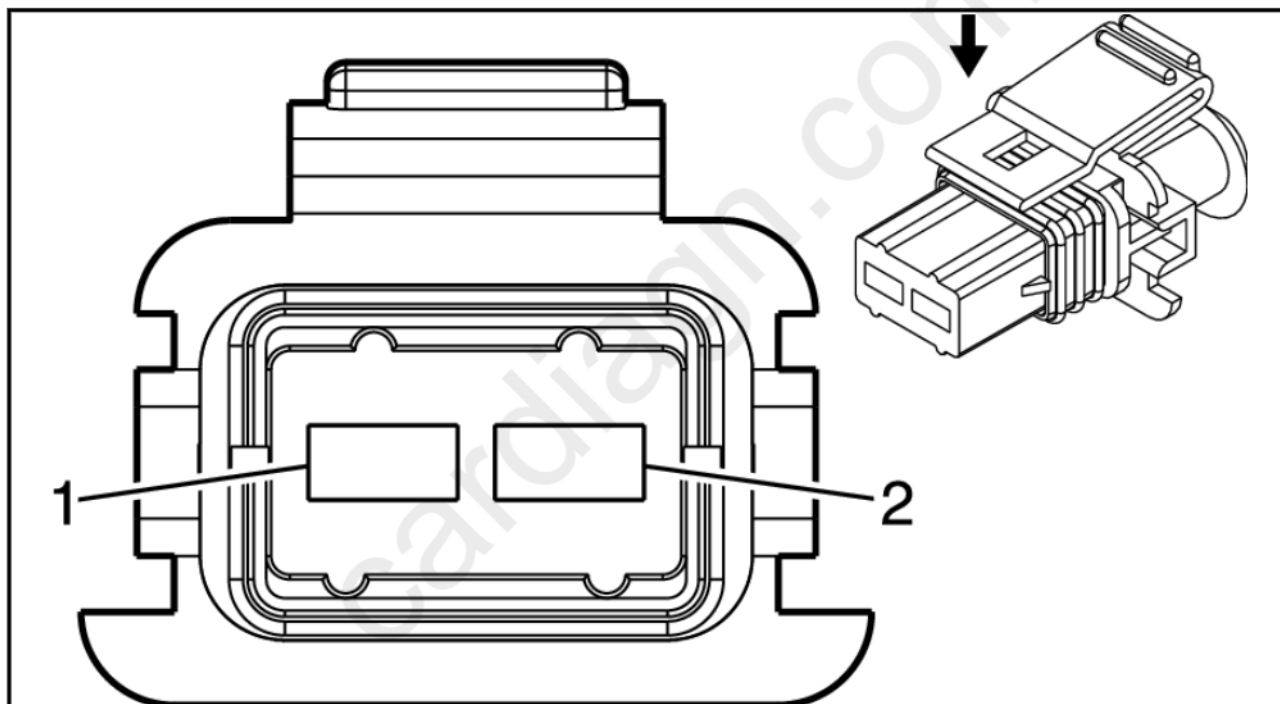
- Harness Type: Cooling Fan
- OEM Connector: 15454358
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 630 GT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	6	YE	5358	Cooling Fan Motor Control 3	I	-
B	6	WH/BU	409	Cooling Fan Motor Control 1	I	-

G13 GENERATOR X1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12186308
- Service Connector: 13585849
- Description: 2-Way F Junior Power Timer Series, Sealed (BK)

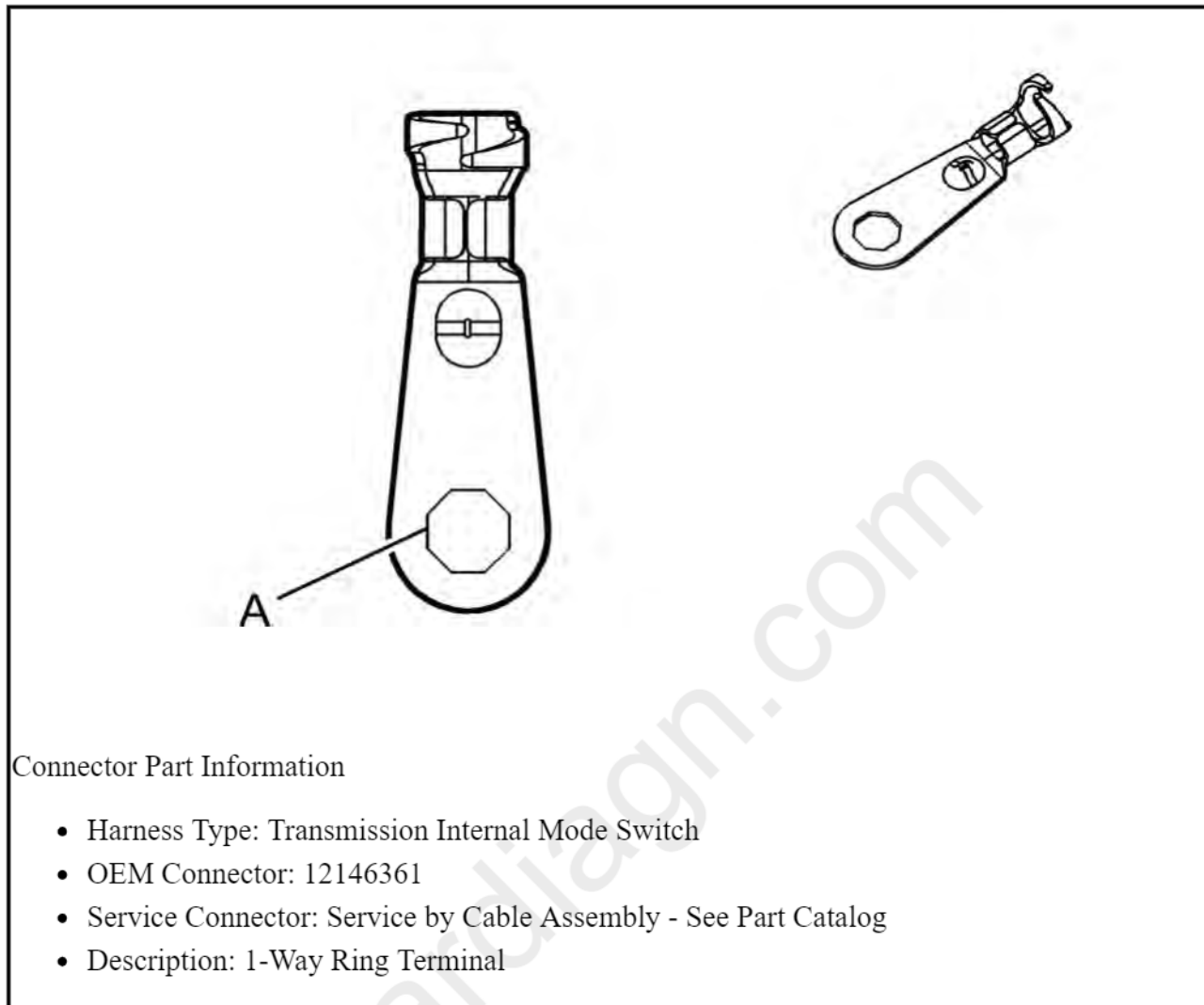
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-----	------	-------	---------	----------	------------------	--------

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	25	Charge Indicator Control	I	-
2	0.5	GY	23	Generator Field Duty Cycle Signal	I	-

G13 GENERATOR X2



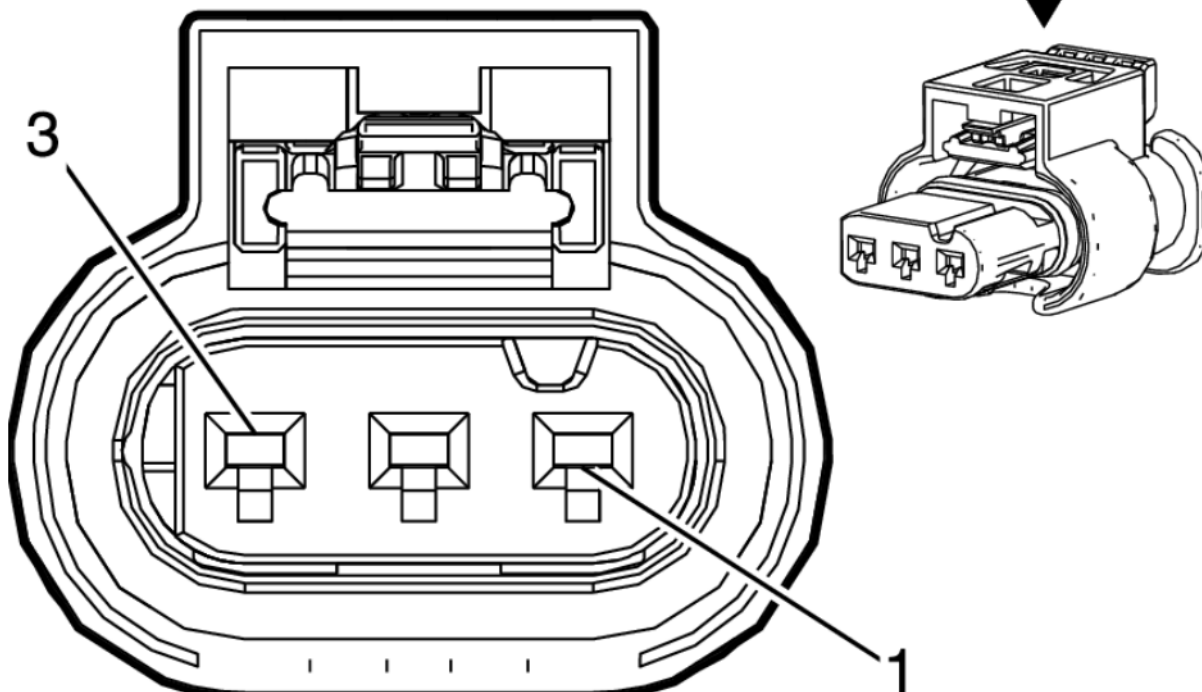
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	35	RD	2	Battery Positive Voltage	I	-

G17 HEATER COOLANT PUMP





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13663390
- Service Connector: 13574937
- Description: 3-Way F 1.2 Multilock Series, Sealed (BK)

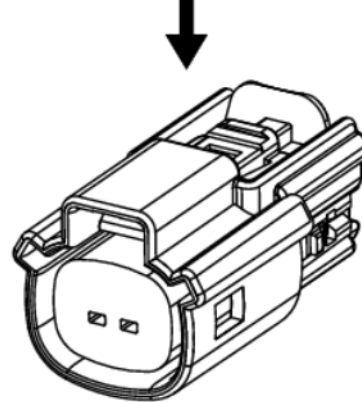
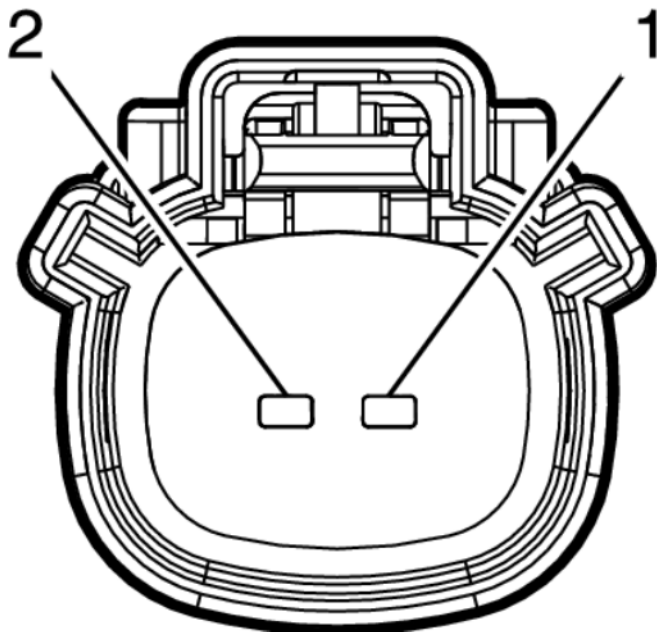
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-12 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2650	Ground	I	-
2	0.5	YE/BU	5126	After Boil Heater Pump Control	I	-
3	-	-	-	Not Occupied	-	-

G18 HIGH PRESSURE FUEL PUMP (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13782480
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

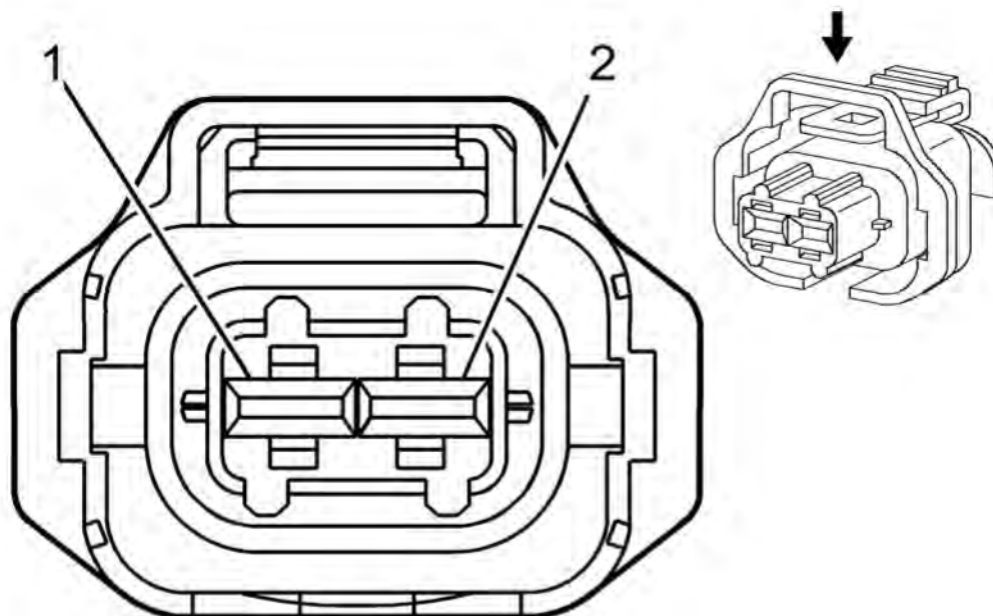
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-
2	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-

G18 HIGH PRESSURE FUEL PUMP (LFX)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15339756
- Service Connector: 88988963
- Description: 2-Way F 2.8 Kompakt Series, Sealed (BK)

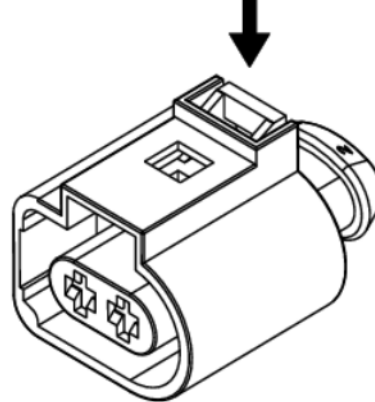
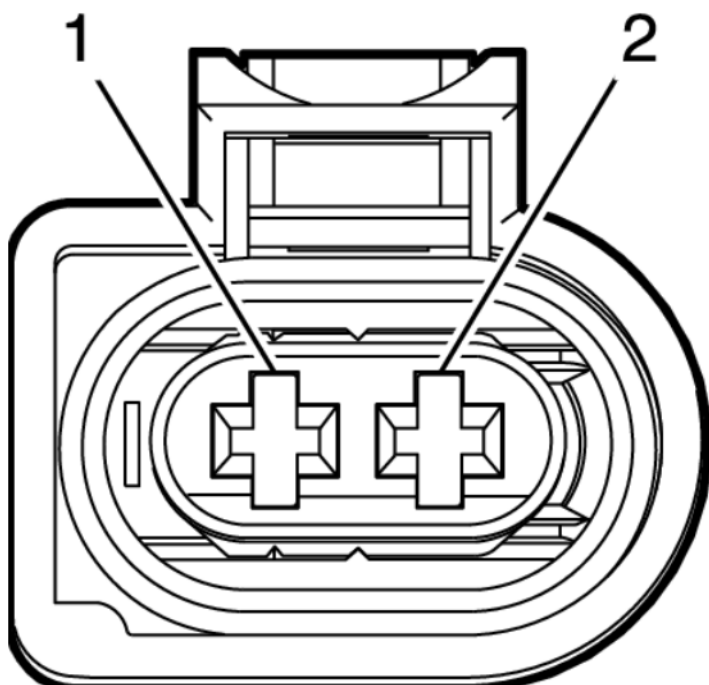
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-
2	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-

G24 WINDSHIELD WASHER PUMP





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 10863916
- Service Connector: 13576532
- Description: 2-Way F 2.8 MDK5 Series, Sealed (BK)

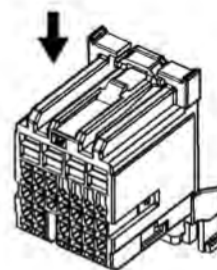
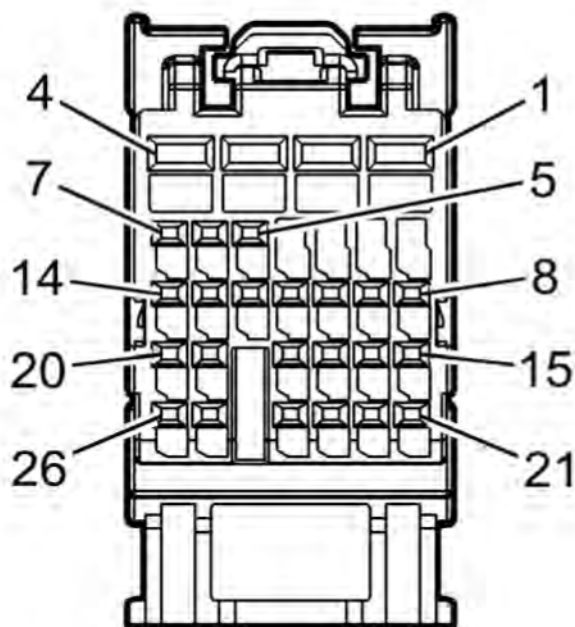
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/VT	228	Windshield Washer Pump Control	I	-
2	0.5	BK	1150	Ground	I	-

K9 BODY CONTROL MODULE X1





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13882856
- Service Connector: 13581573
- Description: 26-Way F 0.64, 2.8 Series (NA)

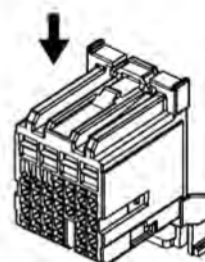
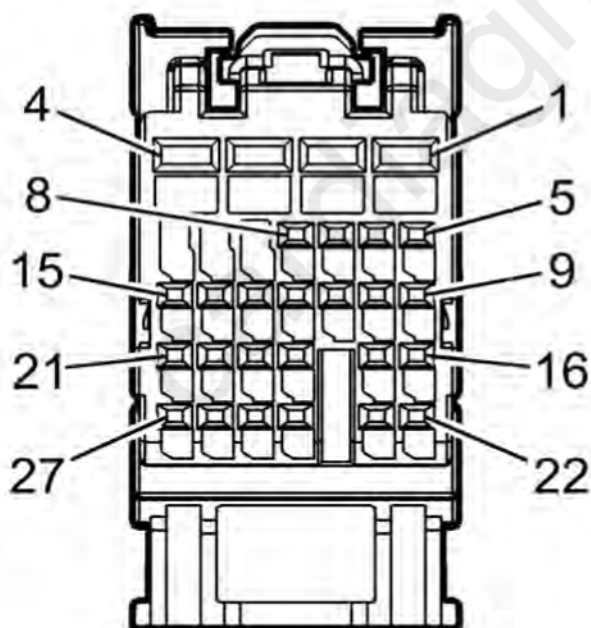
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	1650	Ground	III	-
2	0.5	RD/BK	2540	Battery Positive Voltage	I	-
3	0.5	RD/GN	2140	Battery Positive Voltage	I	-
4	0.5	RD/YE	2240	Battery Positive Voltage	I	-
5	0.35	WH	6816	Indicator Dimming Control	II	-
6	0.35	GY/GN	4083	RAP Relay 2 Coil Control	II	-
7	0.35	BK/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	II	-
8	0.13	BN	5720	Ignition Mode Switch Accessory LED Signal	II	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN/BN	306	Headlamp Switch Headlamps Off Signal Control	II	-
12	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.35	BU/RD	1688	5V Reference	II	-
14	0.35	GY/GN	328	Interior Lamp Defeat Switch Signal	II	-
15	-	-	-	Not Occupied	-	-
16	0.35	WH/VT	103	Headlamp Switch On Signal	II	-
17	0.35	GY	7543	Hazard LED Dimming Signal	II	-
18	-	-	-	Not Occupied	-	-
19	0.5	BK/BN	5360	Brake Apply Sensor Low Reference	II	-
20	0.35	BU/BK	5719	Ignition Mode Switch Start LED Signal	II	-
21	0.35	GY	728	Security Indicator Control	II	-
22	0.35	GN/GY	13	Headlamp Switch Park Lamp Signal	II	-
23	-	-	-	Not Occupied	-	-
24	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
25	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
26	0.35	BU/WH	3275	Remote Function Actuator Receive Signal	II	-

K9 BODY CONTROL MODULE X2



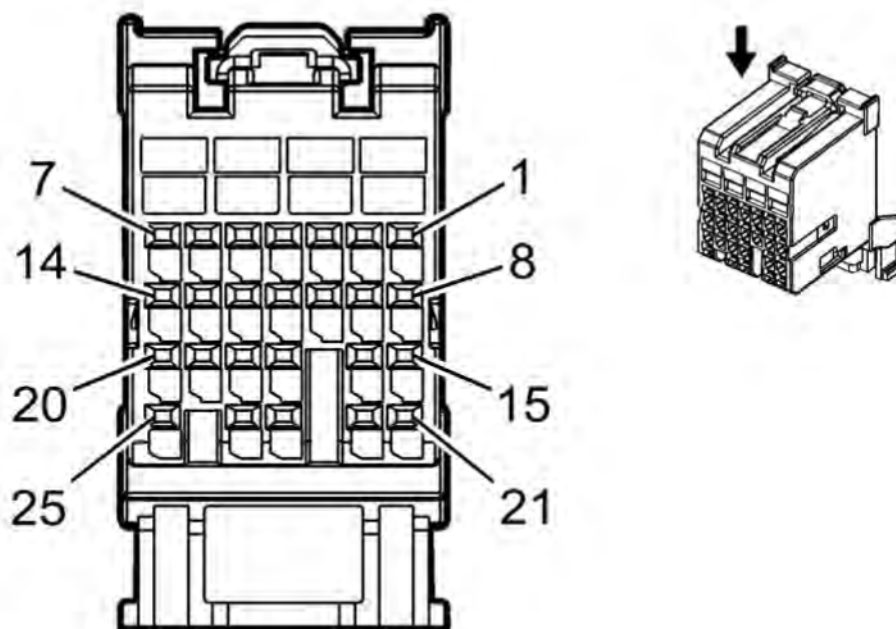
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13882850
- Service Connector: 13581574
- Description: 27-Way F 0.64, 2.8 Series (BU)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13575578	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
IV	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	2740	Battery Positive Voltage	I	-
2	0.75	BK	1650	Ground	IV	-
3	0.5	RD	2940	Battery Positive Voltage	I	-
4	1.5	RD/VT	4040	Battery Positive Voltage	II	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	BU/YE	5361	Brake Apply Sensor Signal	III	-
8	0.35	YE	6817	LED Backlight Dimming Control	III	-
9	0.35	YE/GY	44	Instrument Panel Lamp Dimmer Switch Signal	III	-
10	0.13	WH	278	Ambient Light Sensor Signal	III	-
11	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	III	-
12	0.35	YE/BU	1505	Passenger Heated Seat Switch Signal	III	-
13	0.5	WH	5359	Brake Apply Sensor Control	III	-
14	0.13	BU	1788	Traction Control Switch Signal 1	III	-
15	0.35	GN	4512	Wireless Charging System Charge Indicator Control	III	-
16	0.35	GY	3273	Remote Function Actuator Low Reference	III	-
17	0.13	BU	5723	Ignition Mode Switch Mode Voltage	III	-
18	0.35	VT/BU	6189	Lift Glass/Rear Compartment Lid Interior Release Signal	III	-
19 - 20	-	-	-	Not Occupied	-	-
21	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	III	-
22	0.35	GN	5060	Low Speed GMLAN Serial Data	III	-
23	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
25	0.35	GY/YE	3272	Remote Function Actuator Control	III	-
26	0.35	GN/WH	111	Hazard Switch Signal	III	-
27	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	III	-



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13882855
- Service Connector: 13581579
- Description: 25-Way F 0.64, 2.8 Series (GN)

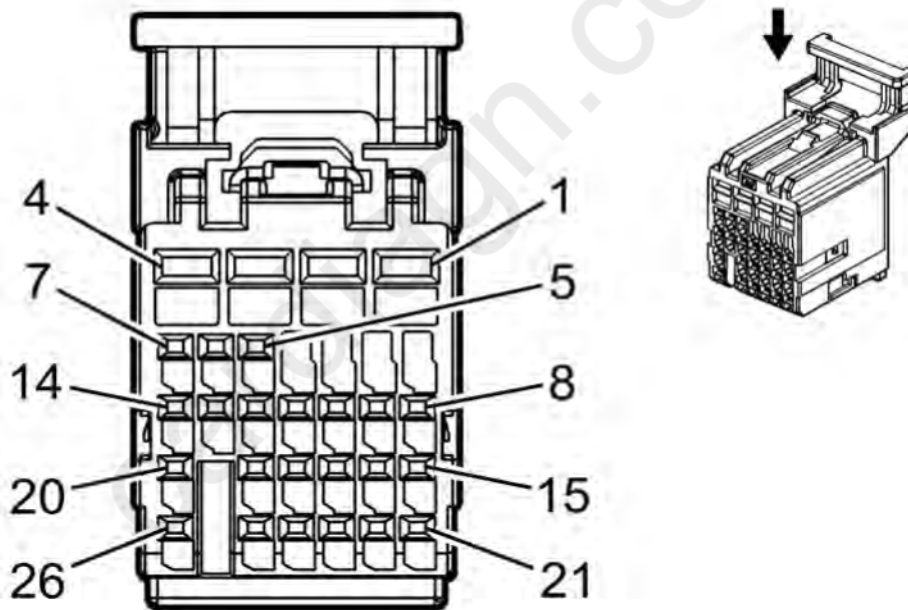
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/VT	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-
4	0.35	YE	7556	Lighting Control Switch Reference	I	-
5	0.13	YE	4	Accessory Ignition Voltage	I	BTM
	0.35	VT/YE	4	Accessory Ignition Voltage	I	-BTM
6	0.13	VT	3	Run/Crank Ignition 1 Voltage	I	BTM
	0.35	VT/BK	3	Run/Crank Ignition 1 Voltage	I	-BTM
7	0.5	VT/YE	143	Accessory Ignition Voltage	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
10	0.13	BK	6009	Windshield Wiper Switch Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-
12	0.13	GN	663	Hazard Switch Left Turn Signal	I	-
13	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	I	-
14	-	-	-	Not Occupied	-	-
15	0.13	WH	1020	Off/Run/Crank Ignition Voltage	I	-
16	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-
17	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-
18	0.35	GN	3287	Horn Switch Signal	I	-
19	-	-	-	Not Occupied	-	-
20	0.13	GY	1715	Windshield Wiper Switch High Signal	I	-
21	0.35	BN/GY	1462	Heated Seat Switch Signal	I	-
22	0.13	BN	1073	Ignition Key Resistor Signal	I	-
23	-	-	-	Not Occupied	-	-
24	0.13	BU	664	Hazard Switch Right Turn Signal	I	-
25	0.35	WH/BK	94	Windshield Washer Switch Signal	I	-

K9 BODY CONTROL MODULE X4



Connector Part Information

- Harness Type: Body
- OEM Connector: 13882852
- Service Connector: 13581575
- Description: 26-Way F 0.64, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A
IV	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	E	A

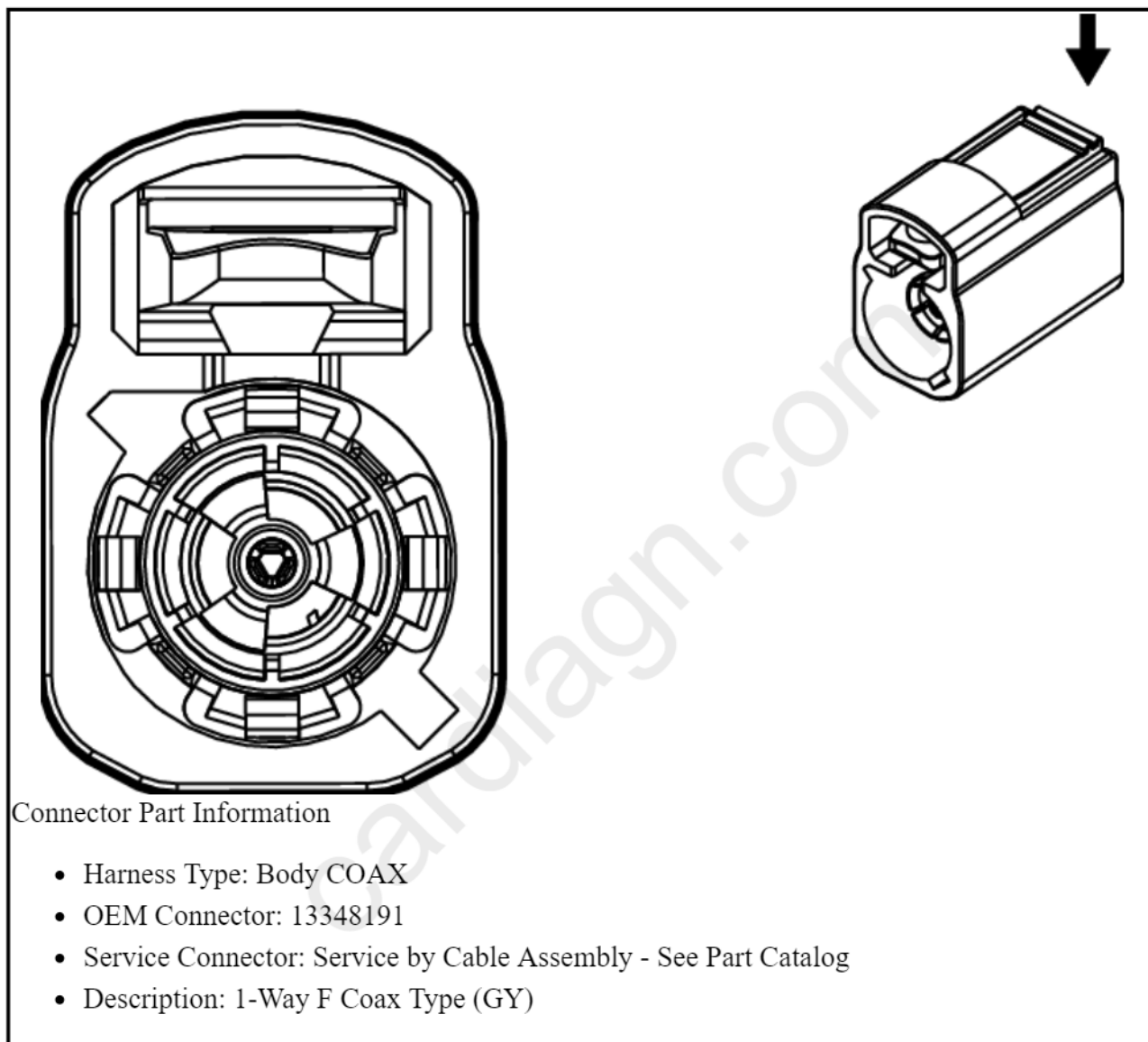
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.75	BU/BN YE	7539 312	Right Front DRL Control Right Headlamp Low Beam Control	III III	T4F TA4
2	0.75 0.75	GY/BU YE	7538 712	Left Front DRL Control Left Headlamp Low Beam Control	III III	T4F TA4
3	0.5	GN/VT	1315	Right Front Turn Signal Lamp Control	IV	-
4	0.5	BN/GN	19	Right Rear Stop/Turn Lamp Control	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	VT/GY	709	Left Park Lamp Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	GY/VT	3264	Logistic Mode Relay Close Control	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	II	-
12	0.13	GY	755	RAP Relay Coil Control	II	-
13	0.5	GN/YE	6846	Rear License Lamp Control	II	-
14	0.5	BN/GY	2268	Windshield Washer Relay Control	II	-
15	0.35	GN/VT	5199	Run/Crank Relay Coil Control	II	-
16	0.35	GY	91	Windshield Wiper Motor Relay Coil Control	II	-
17	0.35	BN/GN	196	Windshield Wiper Motor Park Switch Signal	II	-
18	0.35	WH/YE	5075	Current Sensor Signal	II	-
19	-	-	-	Not Occupied	-	-
20	0.5	RD/YE	2340	Battery Positive Voltage	II	-
21	0.35	BU/VT	5076	Current Sensor Control	II	-
22	0.35	VT/YE	5985	Accessory Wakeup Serial Data	II	-
23	0.35	WH/BU	5986	Serial Data Communication Enable	II	-
24	0.35	BN/GN	4064	Hood Status B Signal	II	-
25	-	-	-	Not Occupied	-	-
26	0.5	BK	150	Ground	II	-

2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

K31 NAVIGATION CONTROL MODULE X7



Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

K32 STEERING WHEEL HEATING CONTROL MODULE

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Connector Part Information

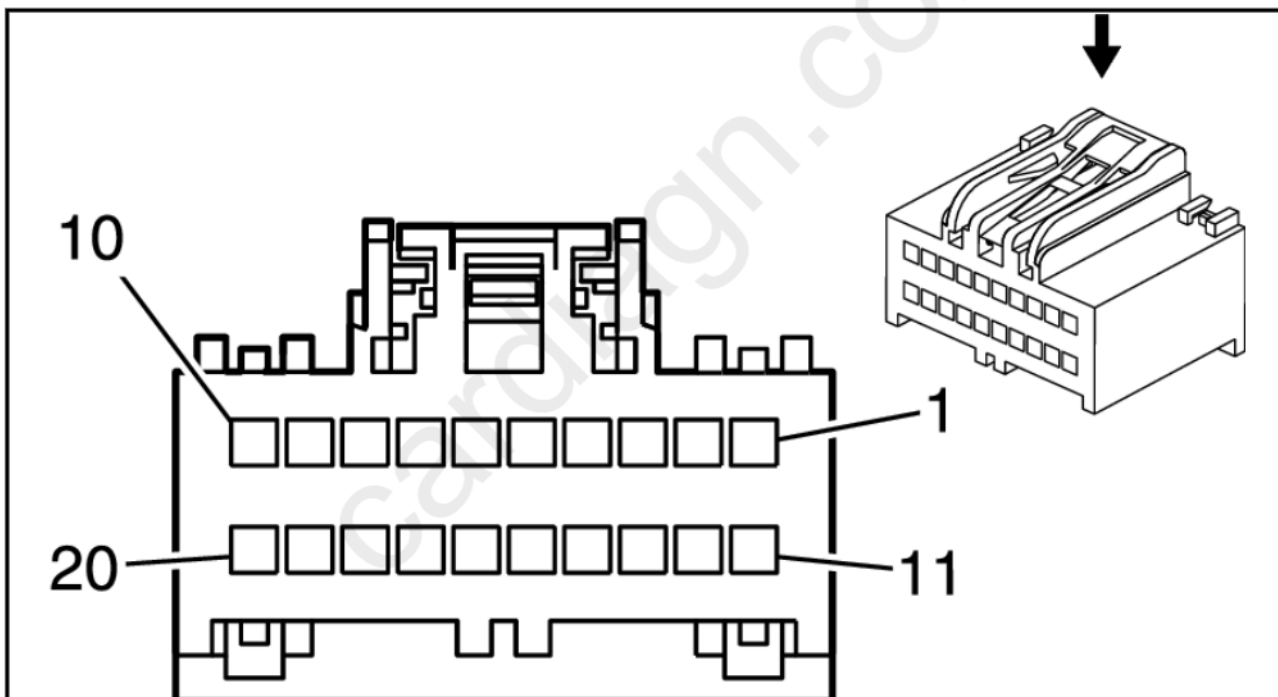
- Harness Type: Steering Wheel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	5883	Heated Steering Wheel Switch Signal	I	-
2	0.5	GN	5884	Heated Steering Wheel Switch LED Control	I	-

K33 HVAC CONTROL MODULE X4



Connector Part Information

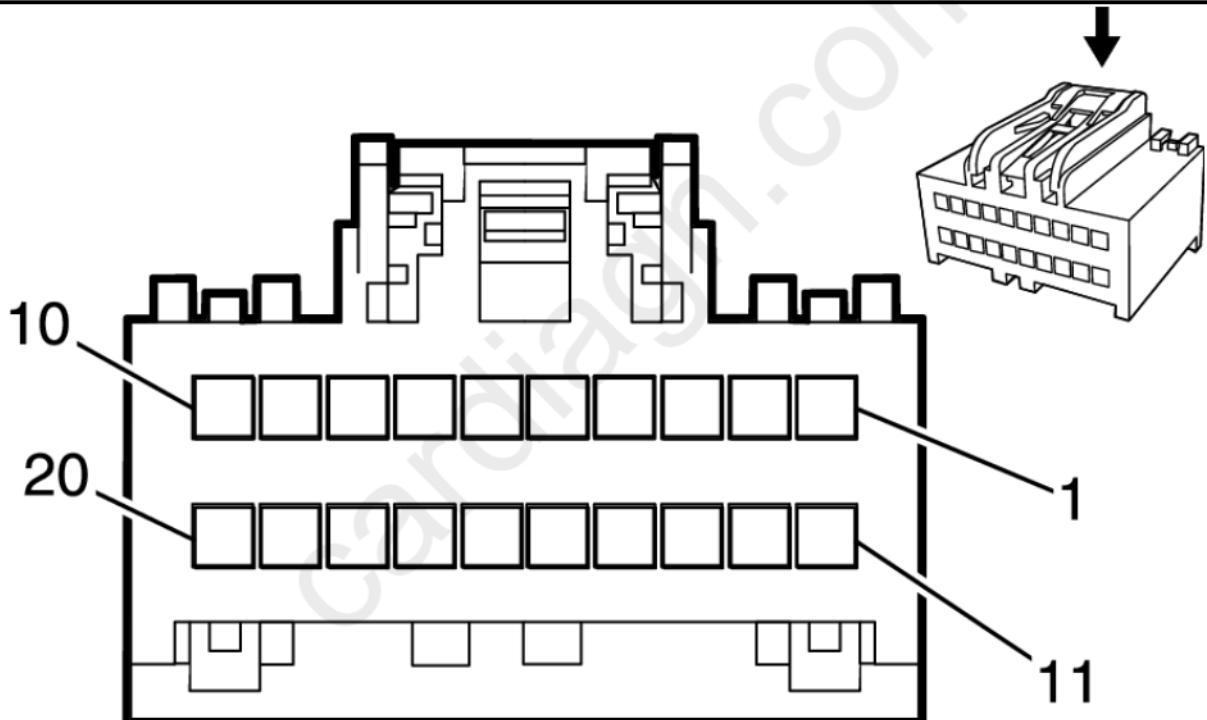
- Harness Type: HVAC
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 4	-	-	-	Not Occupied	-	-
5	0.35	YE/BK	3181	Temp Door Stepper Motor Passenger Control 1	I	-
6	0.35	WH/BK	3182	Temp Door Stepper Motor Passenger Control 2	I	-
7	0.35	WH/YE	3183	Temp Door Stepper Motor Passenger Control 3	I	-
8	0.35	VT/GY	3184	Temp Door Stepper Motor Passenger Control 4	I	-
9	0.35	BK	517	Upper Right Air Temperature Sensor Signal	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	BK	518	Lower Left Air Temperature Sensor Signal	I	-
12	0.35	BK	520	Lower Right Air Temperature Sensor Signal	I	-
13 - 20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X1



Connector Part Information

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

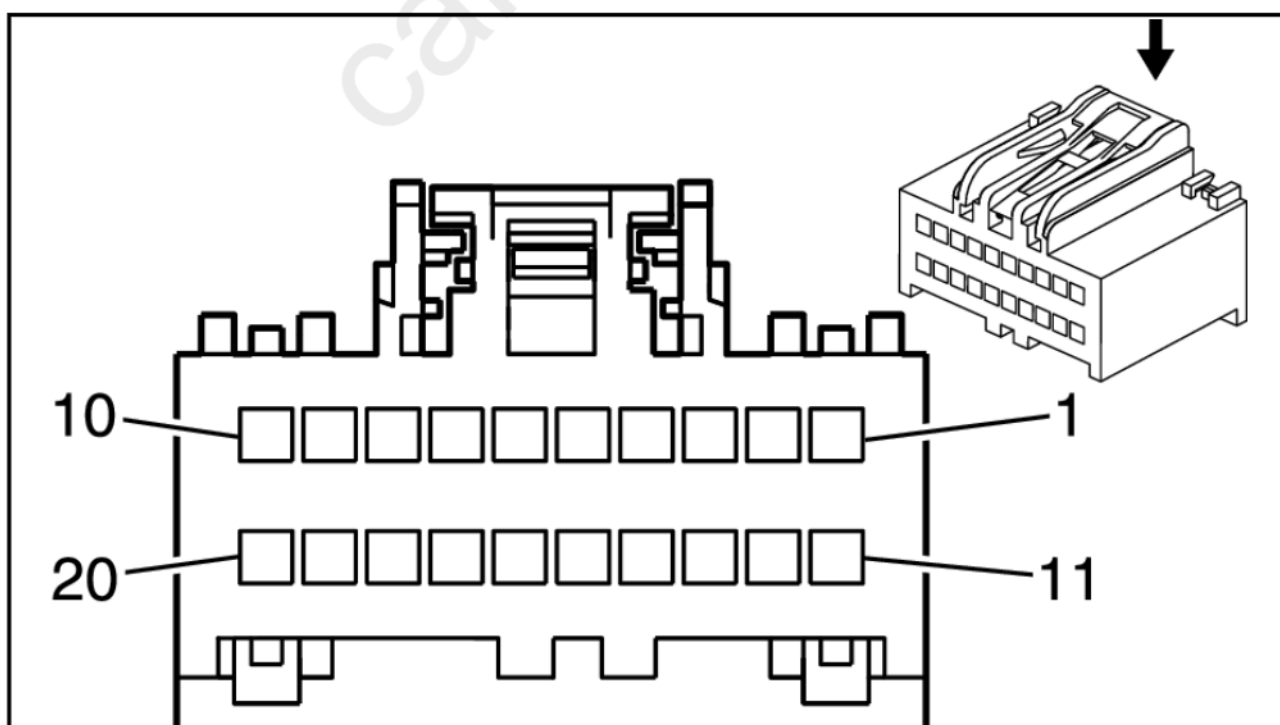
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
II	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
III	13579945	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GY/GN	7565	Windscreen Temp Sensor Signal	II	-
3	-	-	-	Not Occupied	-	-
4	0.13	WH	734	Inside Air Temperature Sensor Signal	I	-
5	0.35	YE/BU	3197	Humidity Temperature Sensor Signal	II	-
6	0.35	YE/RD	597	5V Reference	II	-
7	0.35	BK/BU	7566	Humidity/Windscreen Temp Sensor Low Reference	II	-
8 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BU	7564	Humidity Sensor Signal	II	-
13	-	-	-	Not Occupied	-	-
14	0.13	GY	590	Solar Sensor Driver Signal	I	-
15 - 17	-	-	-	Not Occupied	-	-
18	0.75	BN	518	Lower Left Air Temperature Sensor Signal	III	-
19 - 20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15491305

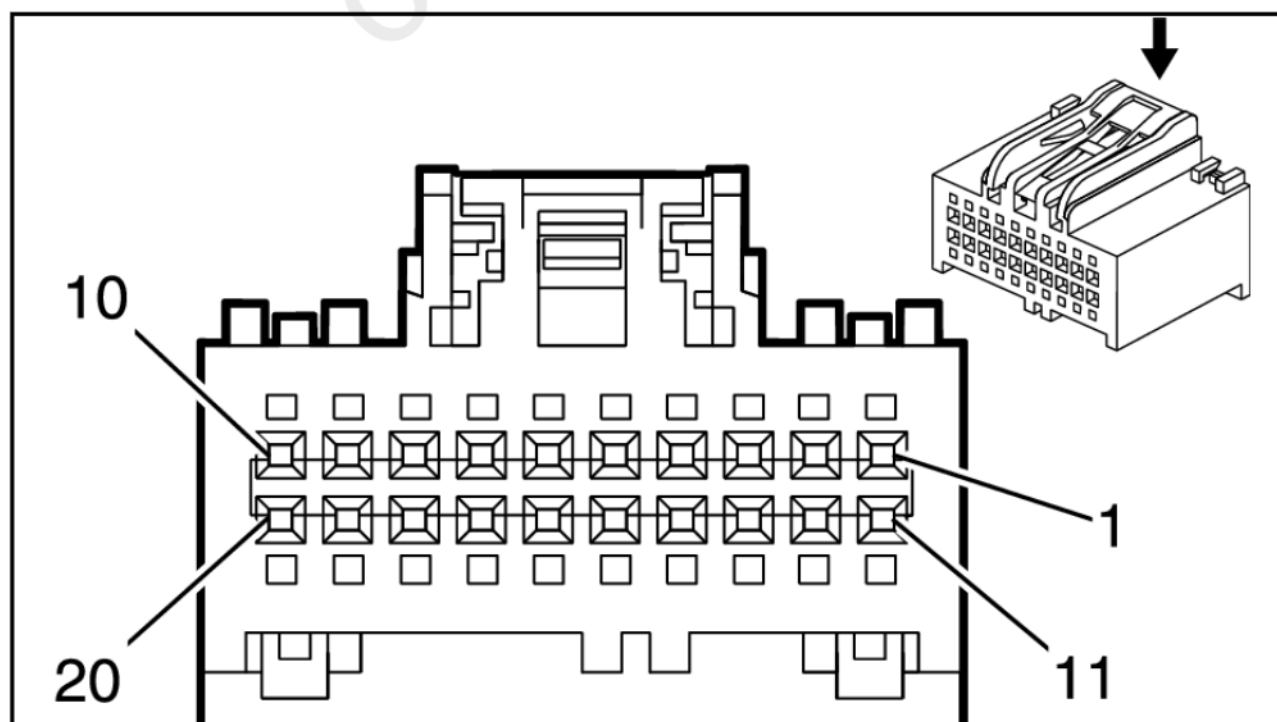
- Service Connector: 15126709
- Description: 20-Way F USCAR 64 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/VT	3340	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
5 - 7	-	-	-	Not Occupied	-	-
8	0.5	BK	1650	Ground	I	-
9	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
10	0.35	BU/GN	7574	Electric Variable Displacement Control	I	-
11	0.35	BU	7573	Electric Variable Displacement Supply	I	-
12 - 14	-	-	-	Not Occupied	-	-
15	0.5	BU/GY	754	Blower Motor Speed Control	I	-
16 - 17	-	-	-	Not Occupied	-	-
18	0.35	BK/BN	6102	Inside Air Temperature Sensor Low Reference	I	-
19	0.35	BN/VT	193	Rear Defog Relay Control	I	-
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X3



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15126711
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 0.64 Series (BK)

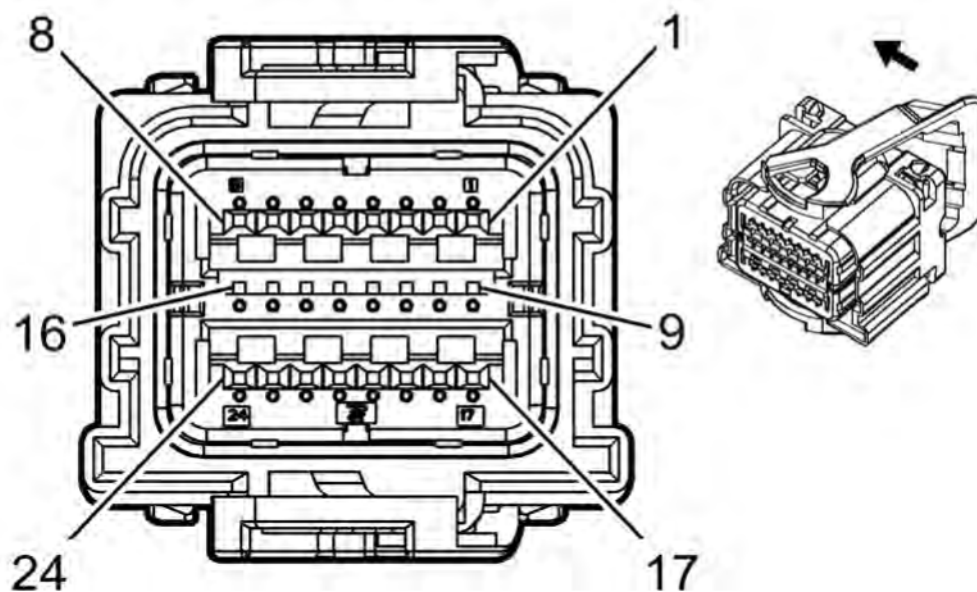
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	516	Upper Left Air Temperature Sensor Signal	I	-
2	0.35	GY	3165	Mode Door Stepper Motor Control 1	I	-
3	0.35	BN/GN	3166	Mode Door Stepper Motor Control 2	I	-
4	0.35	BU/BN	3167	Mode Door Stepper Motor Control 3	I	-
5	0.35	BN	3168	Mode Door Stepper Motor Control 4	I	-
6 - 8	-	-	-	Not Occupied	-	-
9	0.35	BK/YE	407	Sensor Low Reference	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
12	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
13	0.35	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
14	0.35	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-
15	0.35	BN/VT	7572	HVAC Motor Control	I	-
16	0.35	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
17	0.35	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
18	0.35	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
19	0.35	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-
20	0.35	GY	6137	EVAP Core Temperature Sensor Signal	I	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13888675
- Service Connector: 19299778
- Description: 24-Way F 0.64 Series, Sealed (YE)

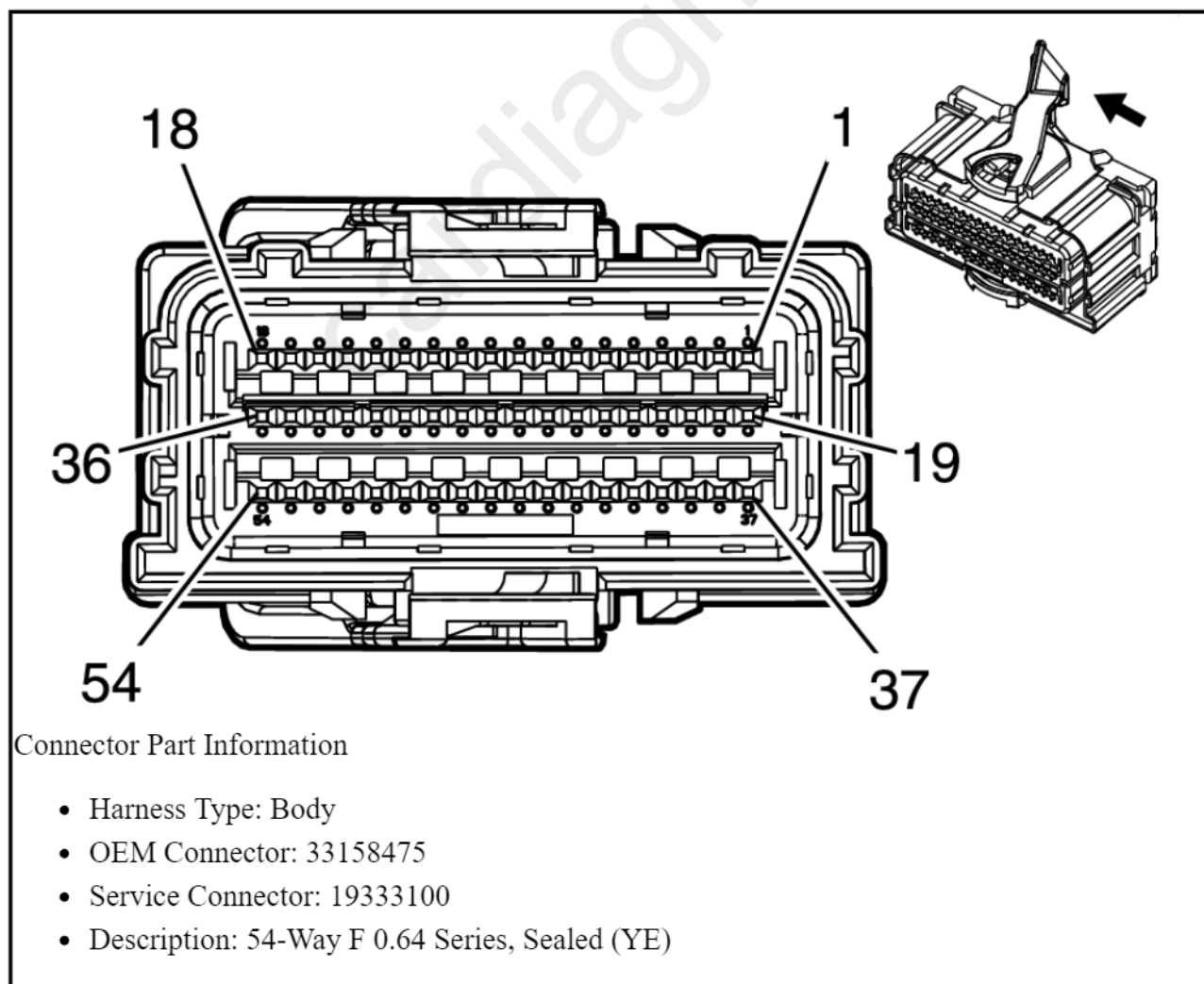
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/GN	3023	Steering Wheel Module Stage 2 High Control	I	-
2	0.35	WH/OG	3022	Steering Wheel Module Stage 2 Low Control	I	-
3	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
4	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
5	0.35	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	-
6	0.35	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	-
7	0.35	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	-
8	0.35	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	-
9	0.35	RD/WH	4440	Battery Positive Voltage	I	-
10	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BU	2307	Passenger Air Bag On Indicator Control	I	-
12	0.35	GN	2308	Passenger Air Bag Off Indicator Control	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-
17	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
18	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	0.5	BK	2450	Ground	I	-
20	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
21	0.5	OG/BU	3078	Driver Knee Module High Control	I	-
22	0.5	GY/OG	3079	Driver Knee Module Low Control	I	-
23	0.5	WH/OG	3077	Passenger Knee Module Low Control	I	-
24	0.5	OG/BU	3076	Passenger Knee Module High Control	I	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2



Terminal Part Information

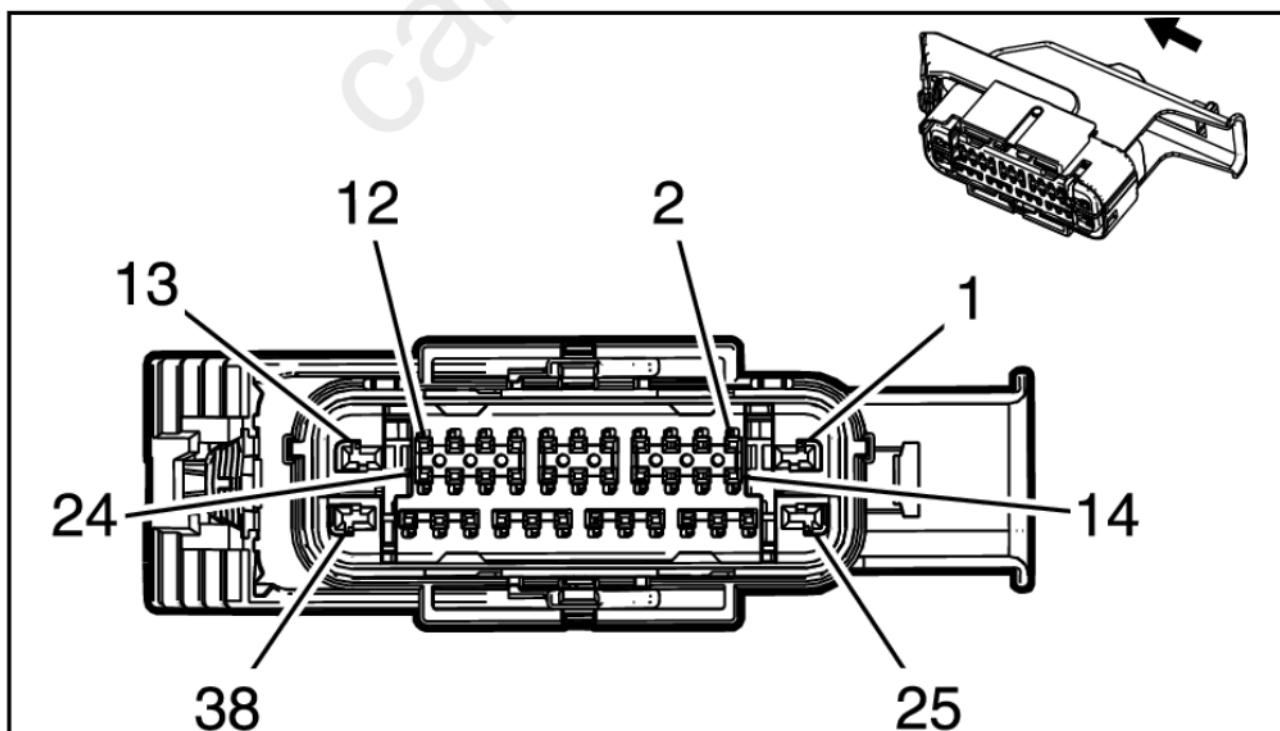
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/GY	5223	Left Rear Side Impact SIR Inflator Control	I	-
2	0.35	BN/OG	5224	Left Rear Side Impact SIR Inflator Control	I	-
3	0.35	OG/GY	5226	Right Rear Side Impact SIR Inflator Control	I	-
4	0.35	VT/OG	5225	Right Rear Side Impact SIR Inflator Control	I	-
5 - 8	-	-	-	Not Occupied	-	-
9	0.35	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
10	0.35	YE/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-
11	0.35	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-
12	0.35	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
13	0.35	OG/BU	3068	Driver Side Impact Module High Control	I	-
14	0.35	GN/OG	3069	Driver Side Impact Module Low Control	I	-
15	0.35	BN/OG	3067	Passenger Side Impact Module Low Control	I	-
16	0.35	OG/GY	3066	Passenger Side Impact Module High Control	I	-
17	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
18	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-
19	0.35	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	-
20	0.35	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	-
21	0.35	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	-
22	0.35	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	-
23	0.35	OG/YE	354	Left Front Discriminating Sensor Signal	I	-
24	0.35	BK/OG	5045	Left Front Discriminating Sensor Low Reference	I	-
25	0.35	BK/OG	5600	Right Front Discriminating Sensor Low Reference	I	-
26	0.35	OG/GN	1409	Right Front Discriminating Sensor Signal	I	-
27	0.5	OG/BU	6620	Left Middle Side Impact Sensing Module Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
28	0.5	BK/OG	6621	Left Middle Side Impact Sensing Module Low Reference	I	-
29	0.5	BK/OG	6625	Right Middle Side Impact Sensing Module Low Reference	I	-
30	0.5	OG/VT	6624	Right Middle Side Impact Sensing Module Signal	I	-
31 - 36	-	-	-	Not Occupied	-	-
37	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
38	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-
39	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-
40	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
41	0.35	OG/BN	238	Driver Seat Belt Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.35	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
44	0.35	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
45	0.35	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
46 - 52	-	-	-	Not Occupied	-	-
53	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
54	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

K38 CHASSIS CONTROL MODULE



Connector Part Information

- Harness Type: Body
- OEM Connector: 15522088

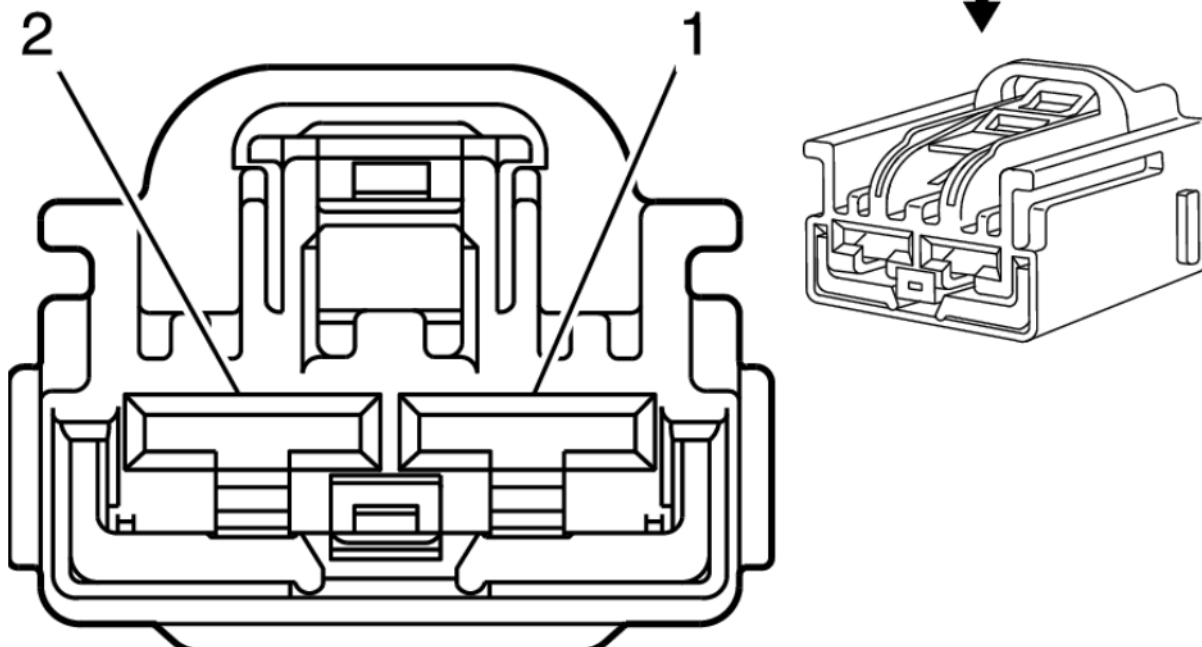
- Service Connector: 19178089
- Description: 38-Way F 0.64, 2.8, 6.3 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575408	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13579774	J-35616-64B (LT BU)	J-38125-215A	SAITS-A03T-M064	Yazaki 14	9	9

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/VT	2640	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/BK	3437	Shutter Valve Solenoid Control	II	-
4	-	-	-	Not Occupied	-	-
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
7	-	-	-	Not Occupied	-	-
8	0.35	VT/YE	5985	Accessory Wakeup Serial Data	II	-
9	-	-	-	Not Occupied	-	-
10	0.35	BU/WH	7446	Fuel Line Pressure Sensor Signal	II	-
11	-	-	-	Not Occupied	-	-
12	0.35	GY/BK	3437	Shutter Valve Solenoid Control	II	-
13	2.5	GY	120	Fuel Pump Control	I	-
14 - 16	-	-	-	Not Occupied	-	-
17	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
18	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
19	-	-	-	Not Occupied	-	-
20	0.35	GN/GY	465	Fuel Pump Primary Relay Control	II	-
21	0.35	VT/BK	2139	Run/Crank Ignition 1 Voltage	II	-
22	0.35	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	II	-
23	0.35	BK/YE	7447	Fuel Line Pressure Sensor Low Reference	II	-
24	0.5	BU	7443	Fuel System Control Module Shield Ground Extension	II	-
25	2.5	BK	2850	Ground	I	-
26 - 37	-	-	-	Not Occupied	-	-
38	2.5	BK/GN	1580	Fuel Pump Low Reference	I	-

K40 SEAT MEMORY CONTROL MODULE X1



Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 15226103
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 6.3 Series (L-GY)

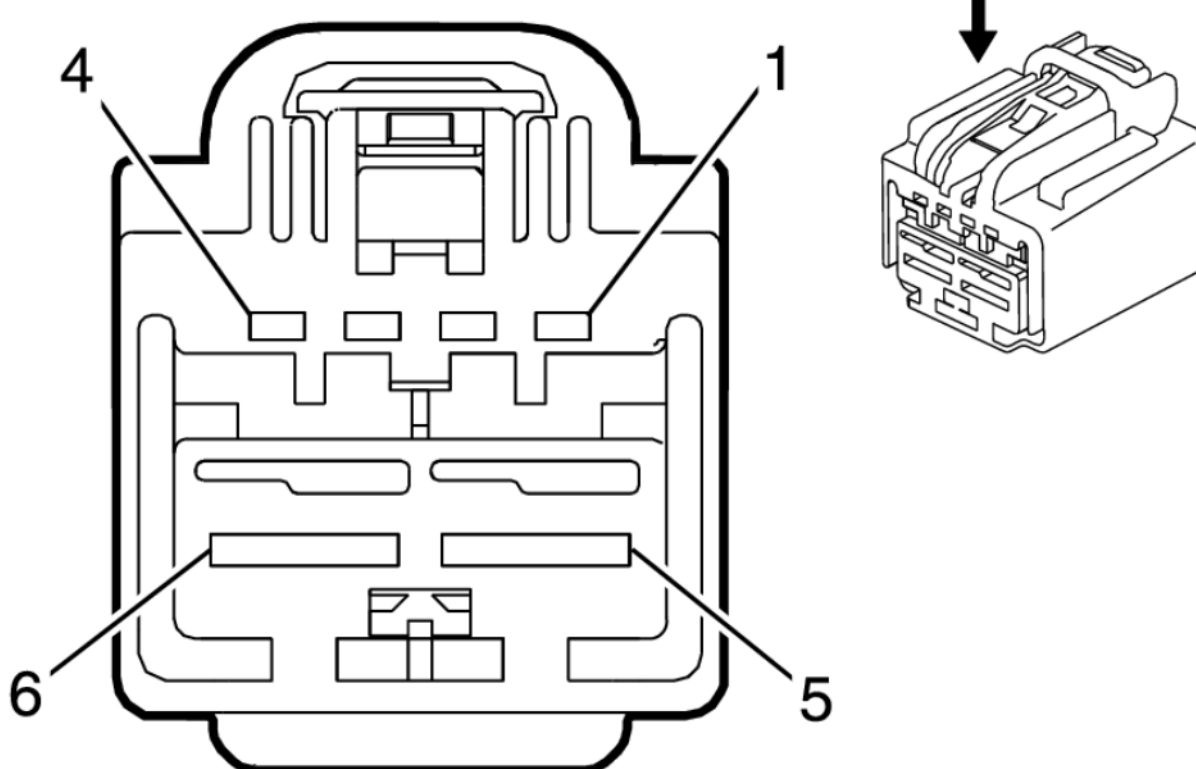
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/VT	5140	Battery Positive Voltage	I	A45-CW1
2	1.5	RD/YE	5040	Battery Positive Voltage	I	-

K40 SEAT MEMORY CONTROL MODULE X2





Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 15226104
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

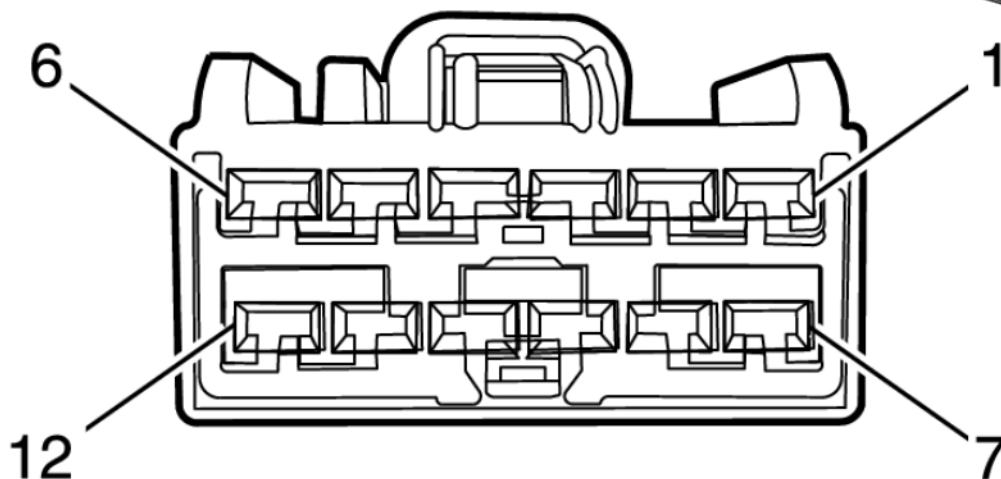
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	WH/RD	7530	Local Interconnect Network Serial Data Bus 8	I	-
4	-	-	-	Not Occupied	-	-
5	1.5	BK	2150	Ground	I	-
6	-	-	-	Not Occupied	-	-

K40 SEAT MEMORY CONTROL MODULE X3





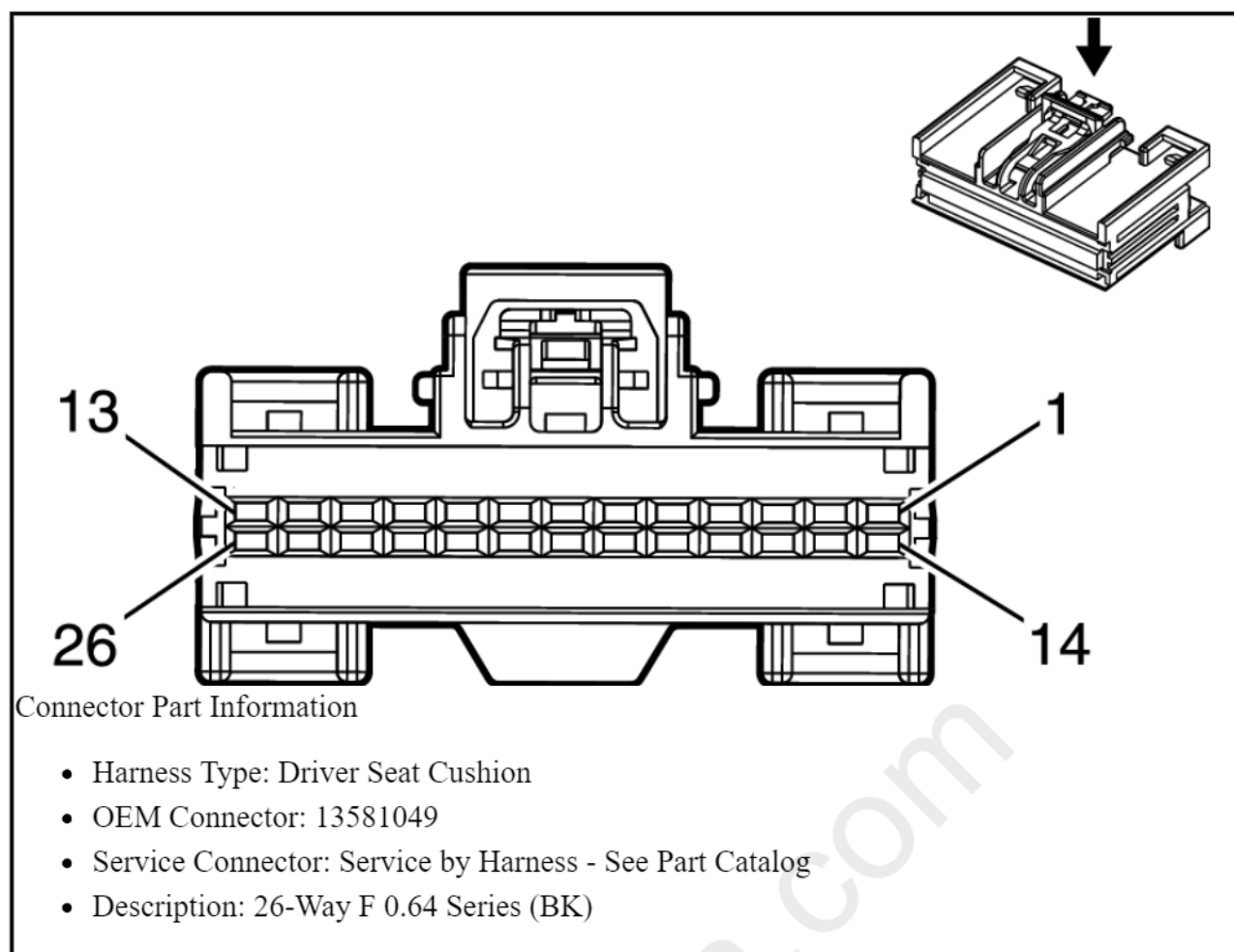
Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 19178907
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BN/VT	276	Driver Power Seat Recline Motor Forward Control	I	-
2	1.0	BU/YE	277	Driver Power Seat Recline Motor Rearward Control	I	-
3	1.0	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	-
4	1.0	GN/BN	287	Driver Power Seat Front Vertical Motor Down Control	I	-
5	1.0	YE	282	Driver Power Seat Rear Vertical Motor Up Control	I	-
6	1.0	GY/BU	283	Driver Power Seat Rear Vertical Motor Down Control	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.75	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-
10	0.75	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-
11	1.0	YE/BU	285	Driver Power Seat Horizontal Motor Forward Control	I	-
12	1.0	GY/GN	284	Driver Power Seat Horizontal Motor Rearward Control	I	-



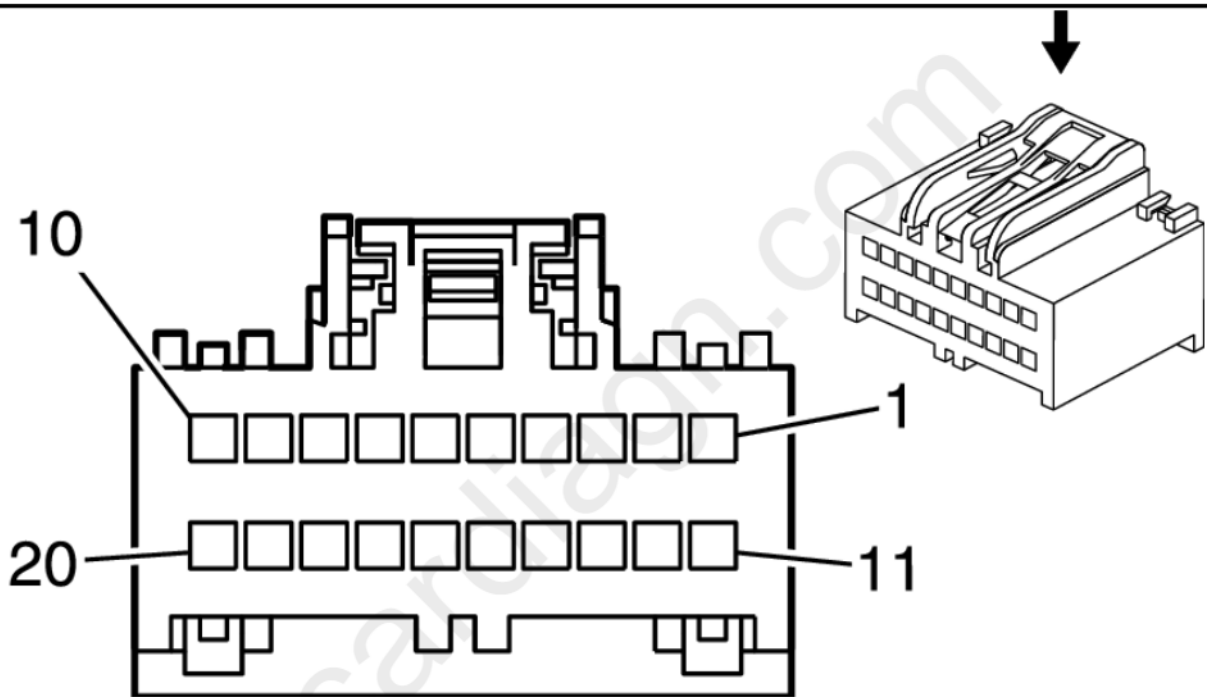
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/RD	3298	Memory Sensor High Reference 2	I	-
2 - 6	-	-	-	Not Occupied	-	-
7	0.5	YE/BN	1522	Power Seat Horizontal Forward Switch Signal	I	-
8	0.5	GY/GN	1523	Power Seat Horizontal Rearward Switch Signal	I	-
9	0.5	GN/BN	1518	Power Seat Front Vertical Up Switch Signal	I	-
10	0.5	BU/VT	1520	Power Seat Front Vertical Down Switch Signal	I	-
11	0.5	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
12	0.5	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	-
13	-	-	-	Not Occupied	-	-
14	0.5	YE	1065	Driver Seat Lumbar Forward Switch Signal	I	-
15	0.5	BU/VT	1064	Driver Seat Lumbar Rearward Switch Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16 - 18	-	-	-	Not Occupied	-	-
19	0.5	YE	1519	Power Seat Rear Vertical Up Switch Signal	I	-
20	0.5	YE/BU	1521	Power Seat Rear Vertical Down Switch Signal	I	-
21	0.5	GY/BK	1269	Power Seat Recline Forward Switch Signal	I	-
22	0.5	GN/GY	1270	Power Seat Recline Rearward Switch Signal	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.5	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	-
26	0.5	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	I	-

K40 SEAT MEMORY CONTROL MODULE X6



Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 15126710
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F USCAR 64 Series (GY)

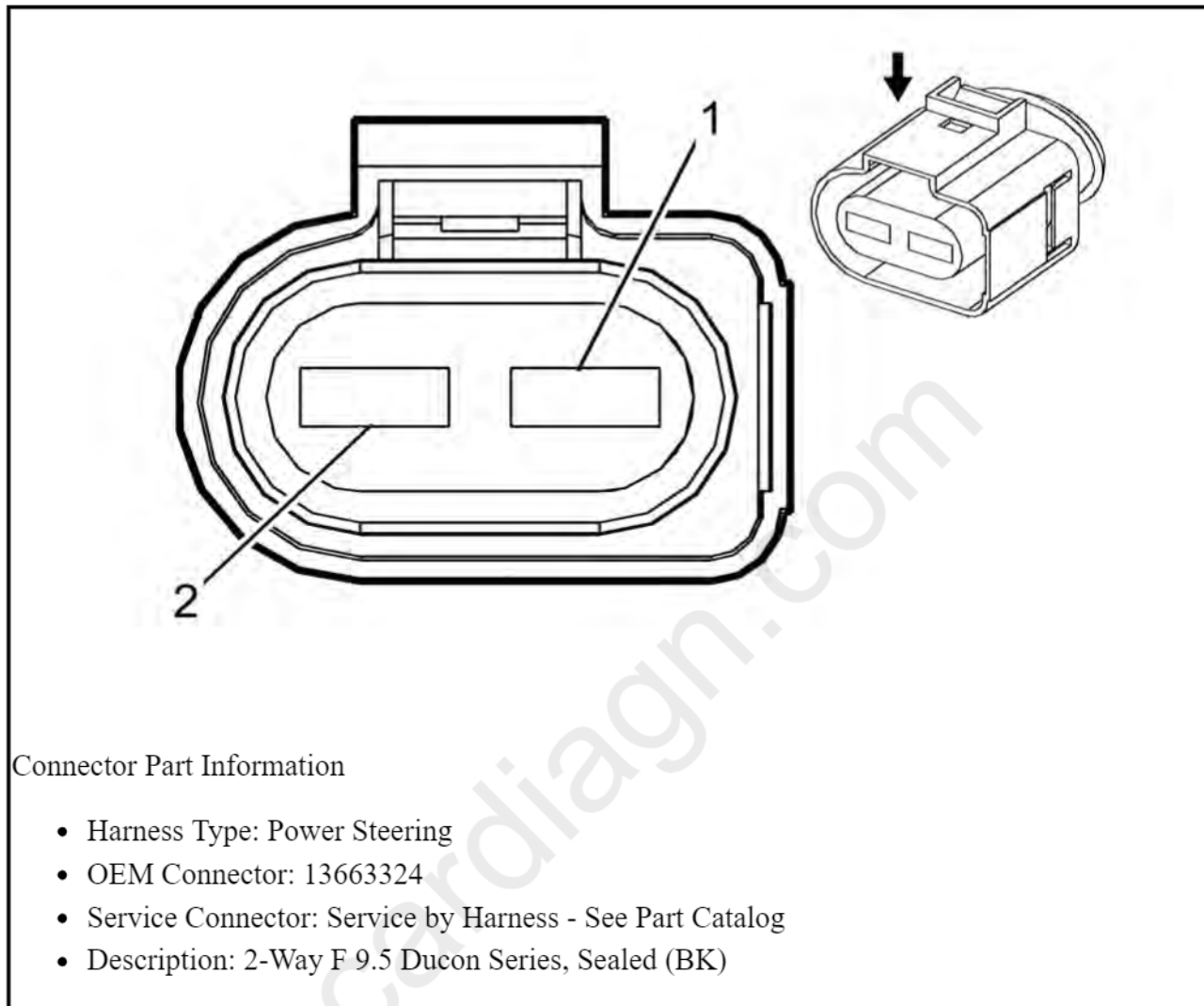
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/BU	5978	Memory Switch Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	WH	615	Memory Seat Switch Signal 1	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
16 - 20	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X1 (LCV)



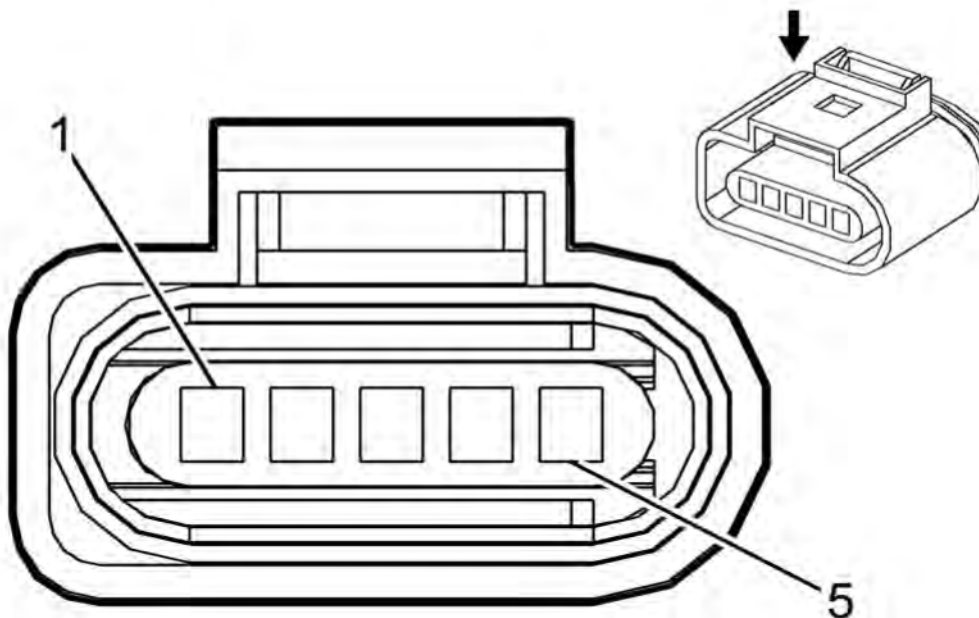
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-22 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	BK	750	Ground	I	-
2	10	RD/YE	1142	Battery Positive Voltage	I	-

K43 POWER STEERING CONTROL MODULE X2 (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13607238
- Service Connector: 13583122
- Description: 5-Way F Micro-Timer II Series, Sealed (BK)

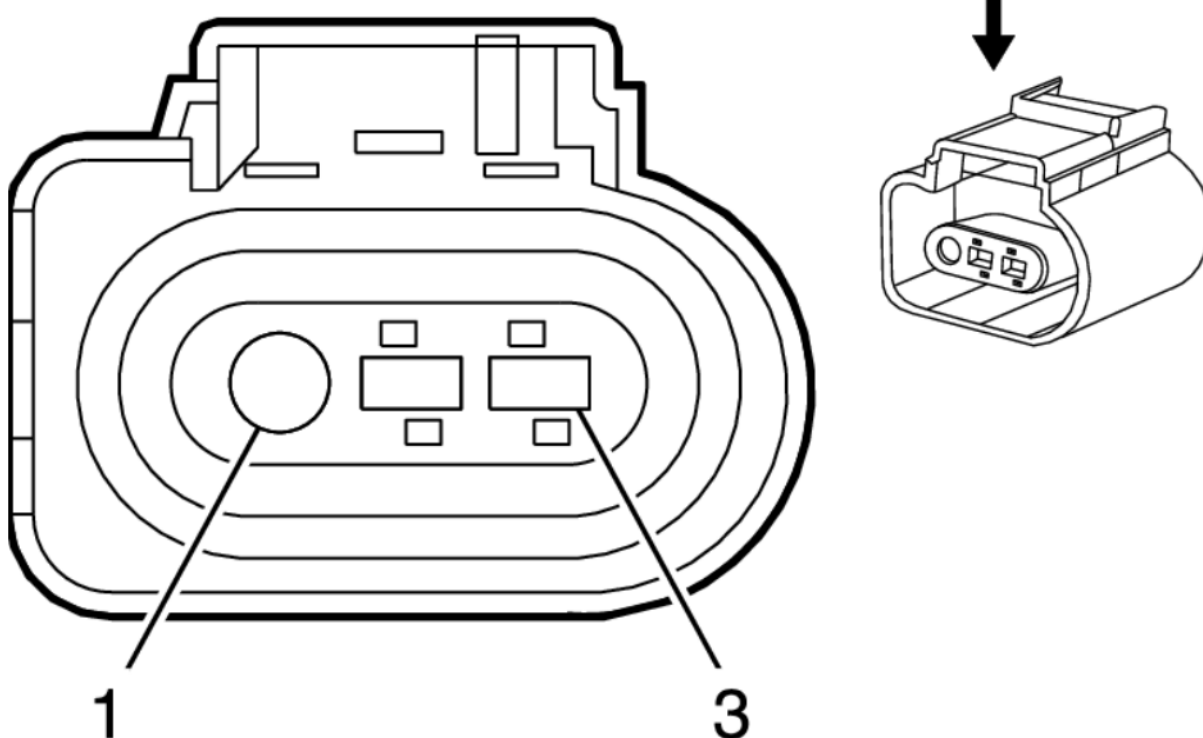
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

K43 POWER STEERING CONTROL MODULE X3 (NJ1)





Connector Part Information

- Harness Type: Steering Gear Torque Sensor
- OEM Connector: 2-1563453-1
- Service Connector: Service by Component - See Part Catalog
- Description: 3-Way F (BK)

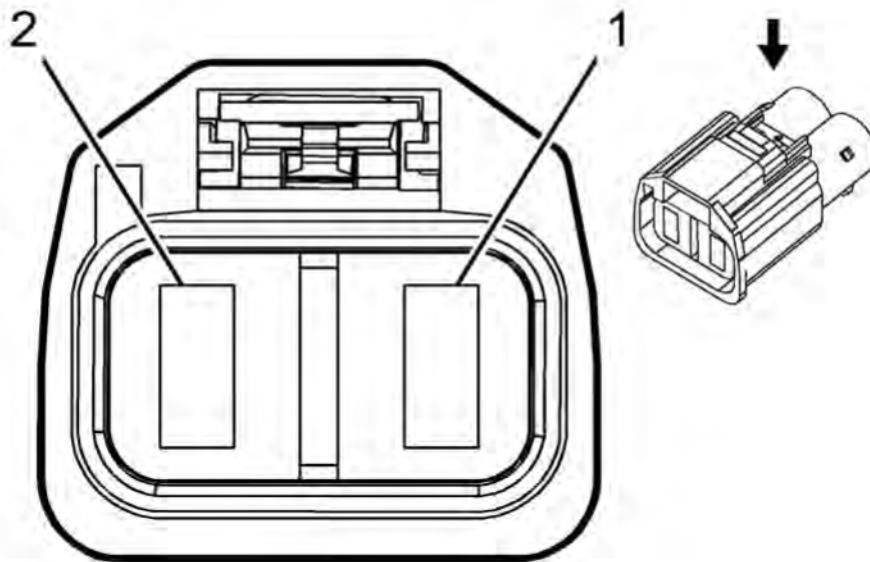
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	L-GN	Not Available	Torque Sensor High Signal	I	-
3	0.35	BN	Not Available	Torque Sensor Low Signal	I	-

K43 POWER STEERING CONTROL MODULE X1 (LFR/LFX)





Connector Part Information

- Harness Type: Power Steering
- OEM Connector: 13741946
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 9.5 Series, Sealed (BK)

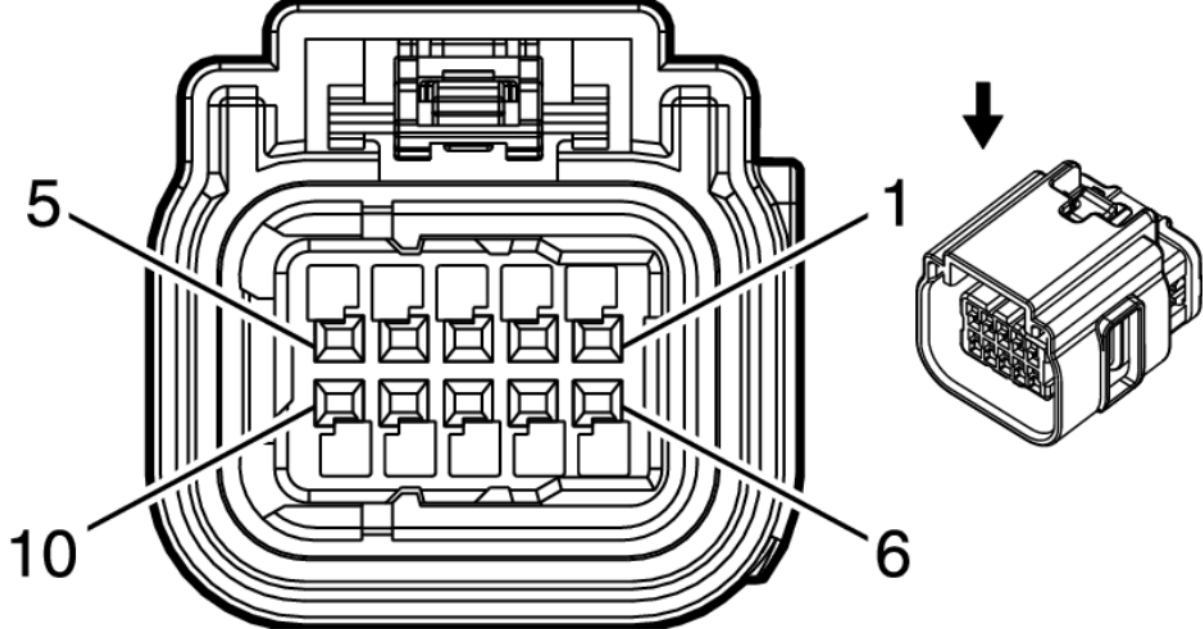
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/YE	1142	Battery Positive Voltage	I	-
2	10	BK	750	Ground	I	-

K43 POWER STEERING CONTROL MODULE X2 (LFR/LFX)





Connector Part Information

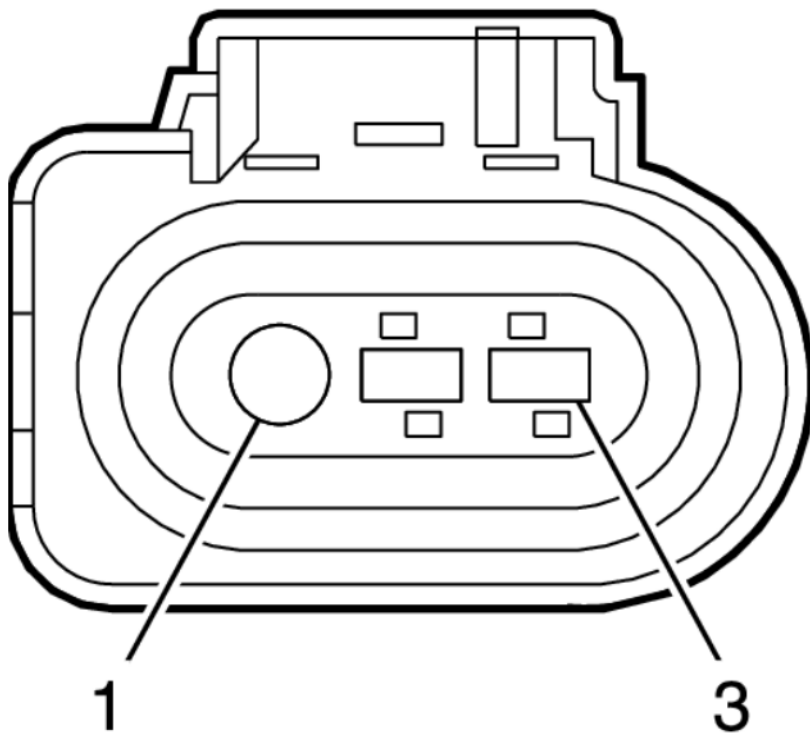
- Harness Type: Engine
- OEM Connector: 13848872
- Service Connector: 19299774
- Description: 10-Way F 0.64 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/RD	6105	High Speed GMLAN Serial Data (+) 2	I	-
2	0.5	WH/YE	6106	High Speed GMLAN Serial Data (-) 2	I	-
3	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
5	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
6	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH/RD	6106	High Speed GMLAN Serial Data (-) 2	I	-
8	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
10	-	-	-	Not Occupied	-	-

K43 POWER STEERING CONTROL MODULE X3 (NJ2)



Connector Part Information

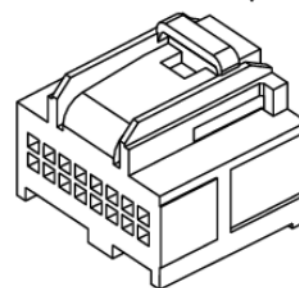
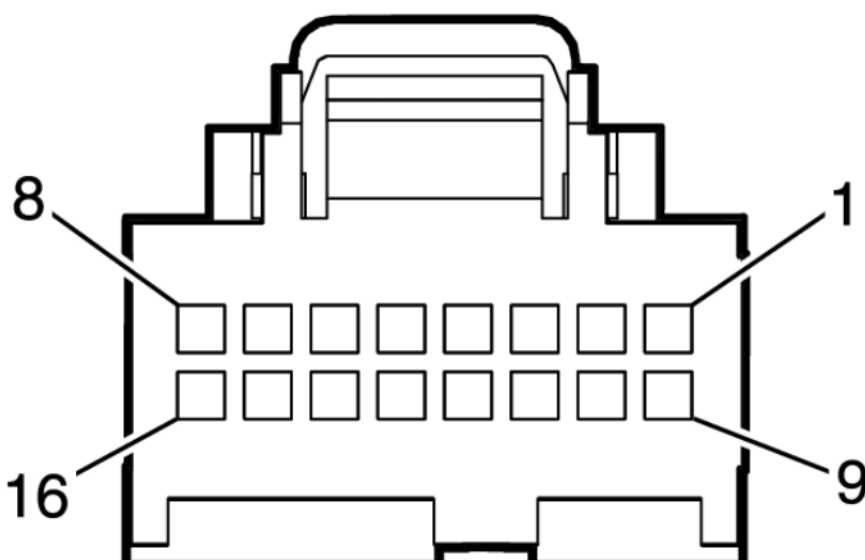
- Harness Type: Steering Gear Torque Sensor
- OEM Connector: 2-1563453-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	GN	-	Torque Sensor Signal	I	-
3	-	BN	-	Low Reference	I	-

K56 SERIAL DATA GATEWAY MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104224
- Service Connector: 13594065
- Description: 16-Way F 0.64 OCS Series (BK)

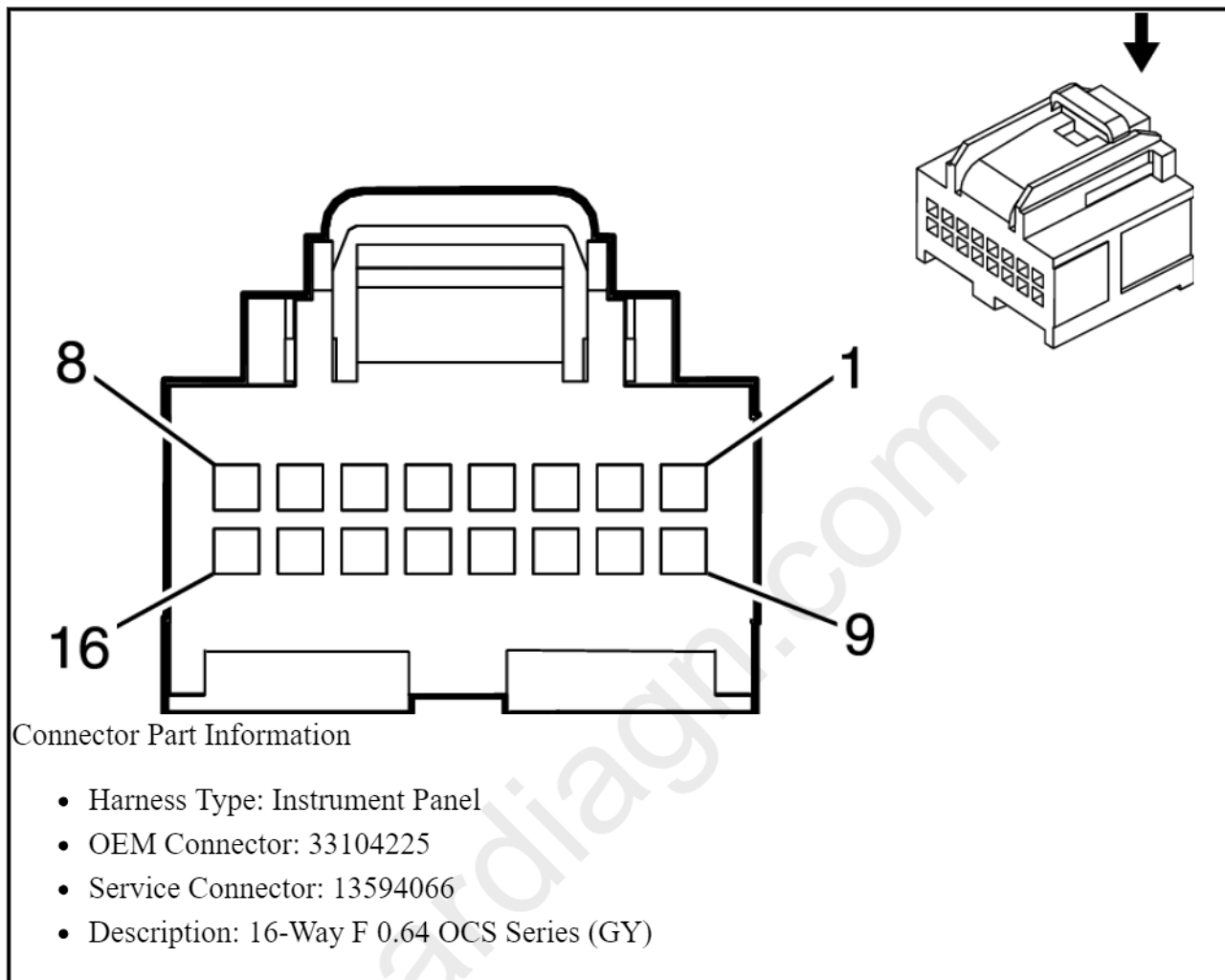
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/VT	3340	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	BK	1650	Ground	I	-
7	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-

K56 SERIAL DATA GATEWAY MODULE X2



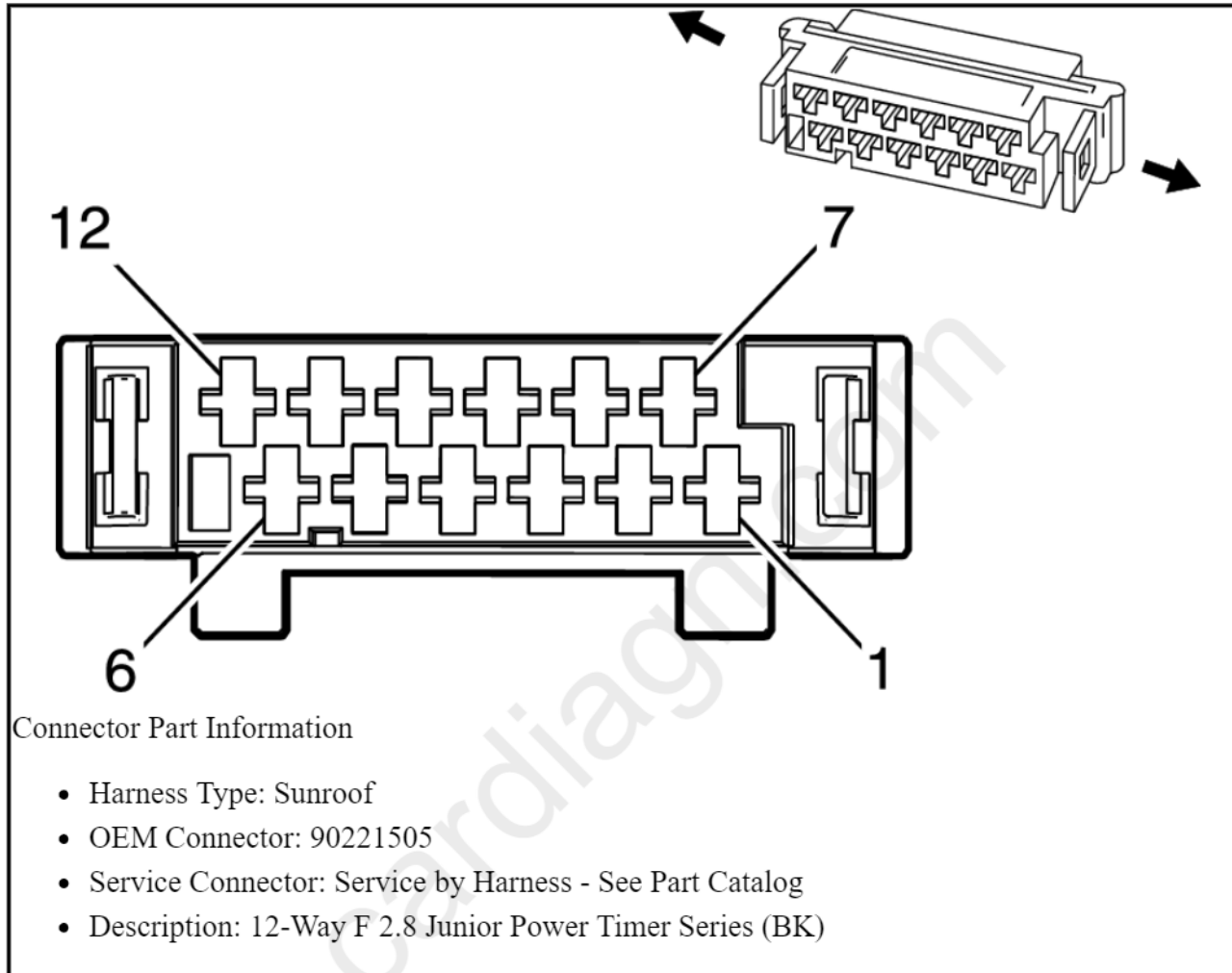
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
2	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
5 - 9	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13 - 16	-	-	-	Not Occupied	-	-

K62 SUNROOF SUNSHADE MOTOR MODULE



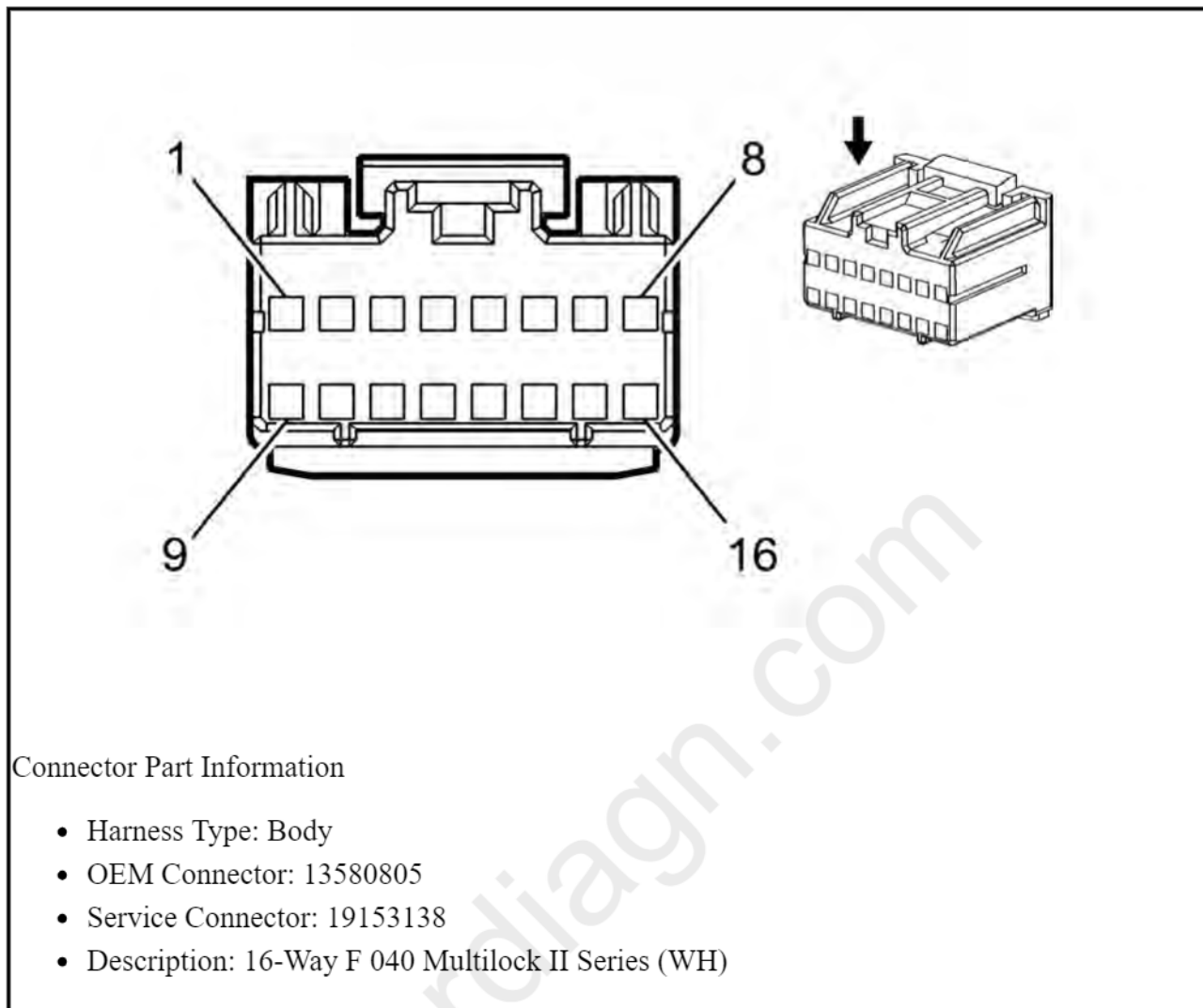
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5 1.5	RD/WH RD/GY	3540 3540	Battery Positive Voltage Battery Positive Voltage	I I	C3U -C3U
2	2.5	BK	2350	Ground	I	-
3	0.5	GY	5307	Front Sunshade Switch Low Reference	I	-
4	0.5	BN	6132	Local Interconnect Network Serial Data Bus 1	I	-
5	0.5	GN	3032	Front Sunshade Switch Signal	I	-
6 - 8	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	BK	2350	Ground	I	-
10 - 12	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X1



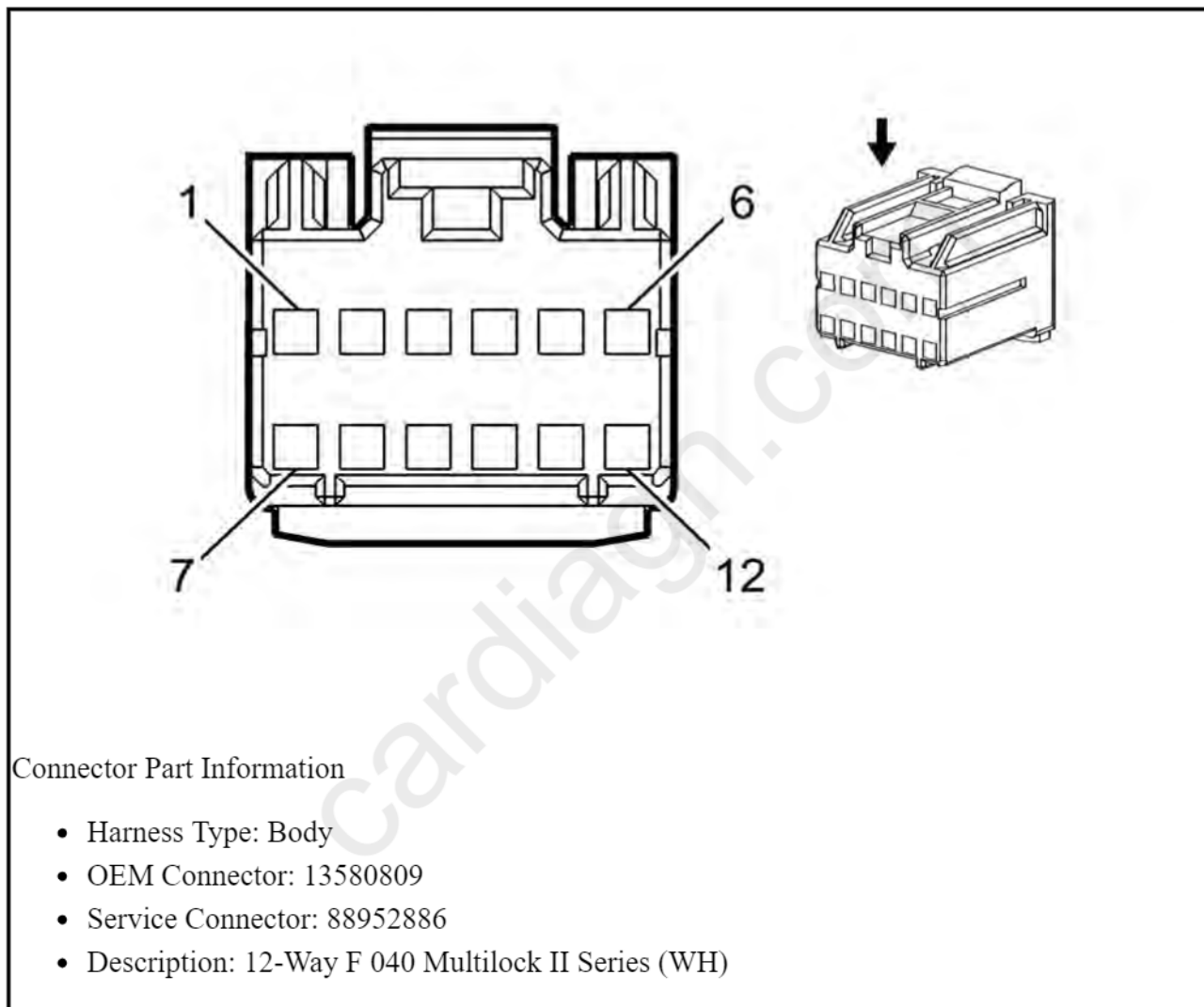
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575546	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J
II	13579951	J-35616-4A (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
2	0.13	BN	2517	Keypad Red LED Control	II	-
3	0.13	YE	2516	Keypad Green LED Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.13	GN	2515	Keypad Control	II	-
7	0.5	BK	450	Ground	I	-
8 - 9	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.35 0.5	BU/GN BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	IO3 -IO3
			1304	High Speed GMLAN Serial Data (+)9	I	
11	0.13	WH	2514	Keypad Signal	II	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.5	RD/BU	4540	Battery Positive Voltage	I	-
16	-	-	-	Not Occupied	-	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X2



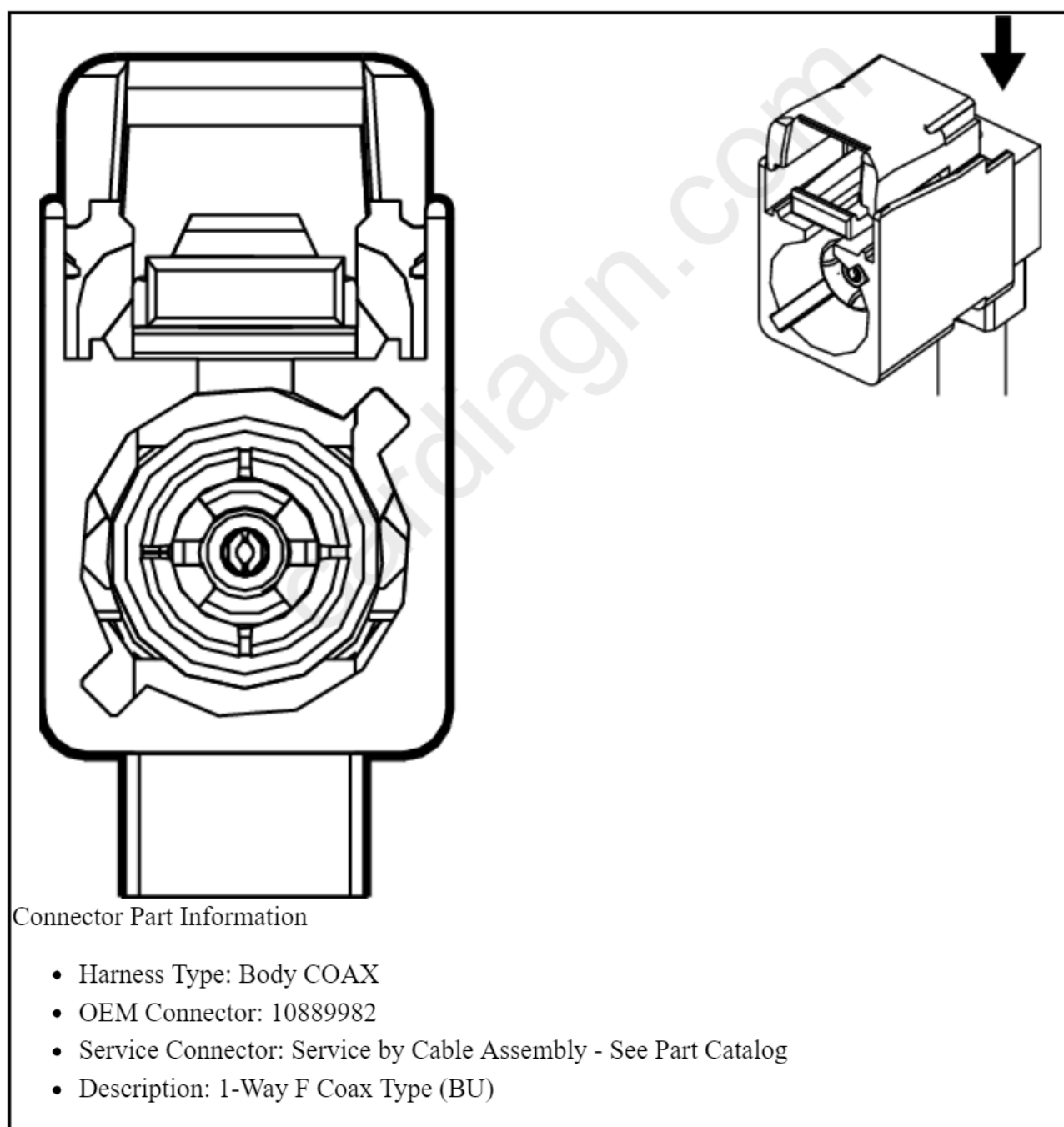
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575546	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	658	Cellular Telephone Voice Signal	I	-
2	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
5	0.35	BARE	1792	Low Reference	I	-
6	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	-
7	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
8	0.35	BARE	1782	Low Reference	I	-
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	-
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
11	-	-	-	Not Occupied	-	-
12	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X8



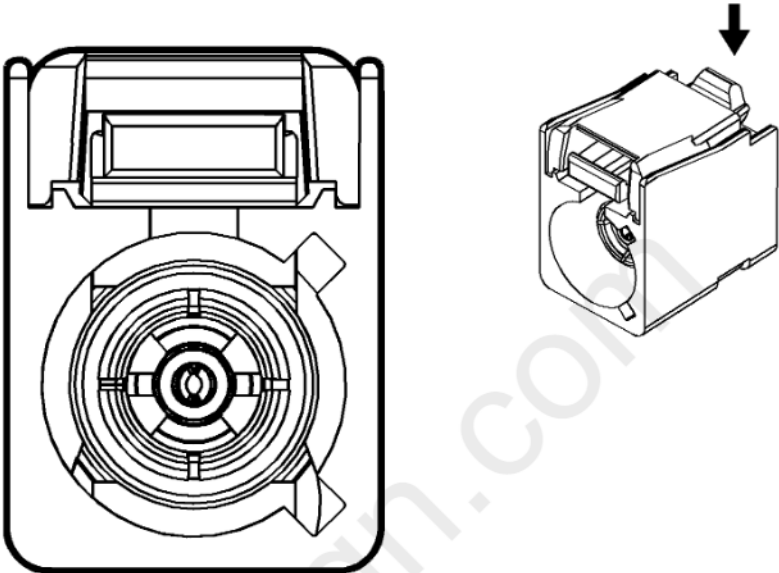
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X6



Connector Part Information

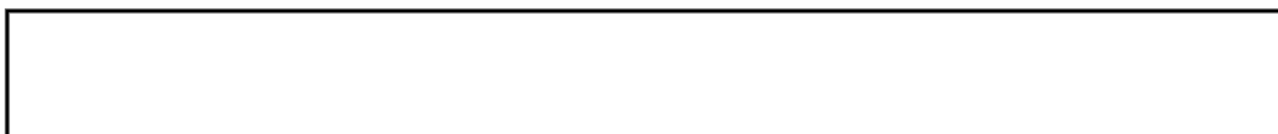
- Harness Type: Body COAX
- OEM Connector: 13630369
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (VT)

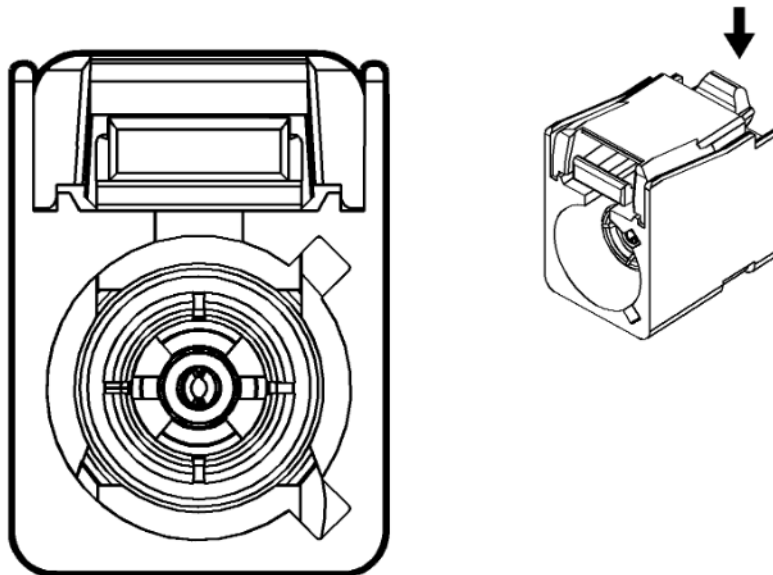
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X5





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13630369
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (VT)

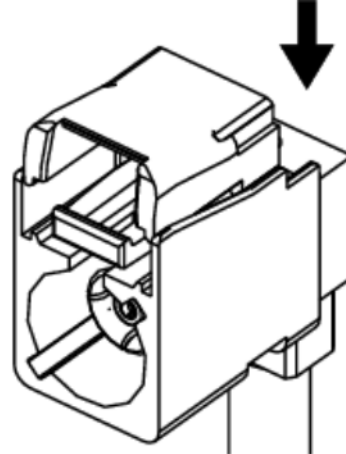
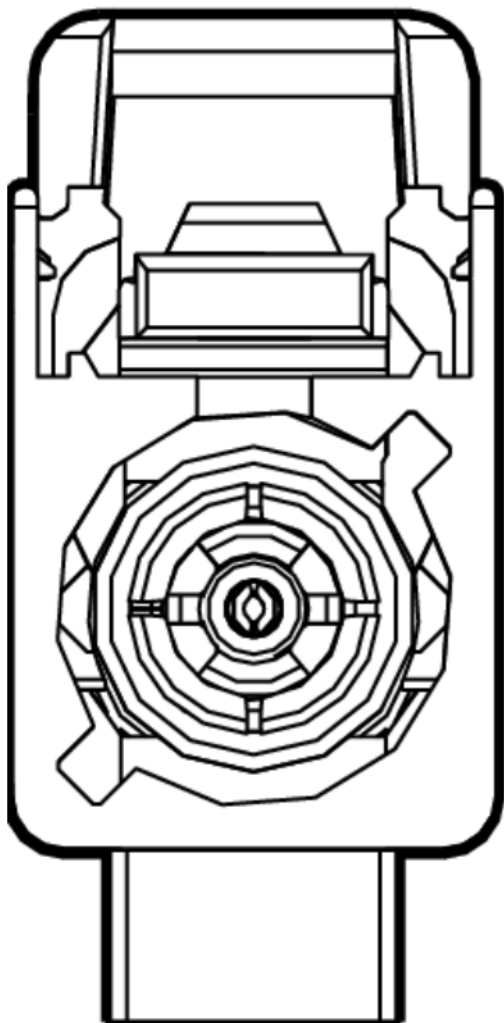
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X9





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 10889982
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

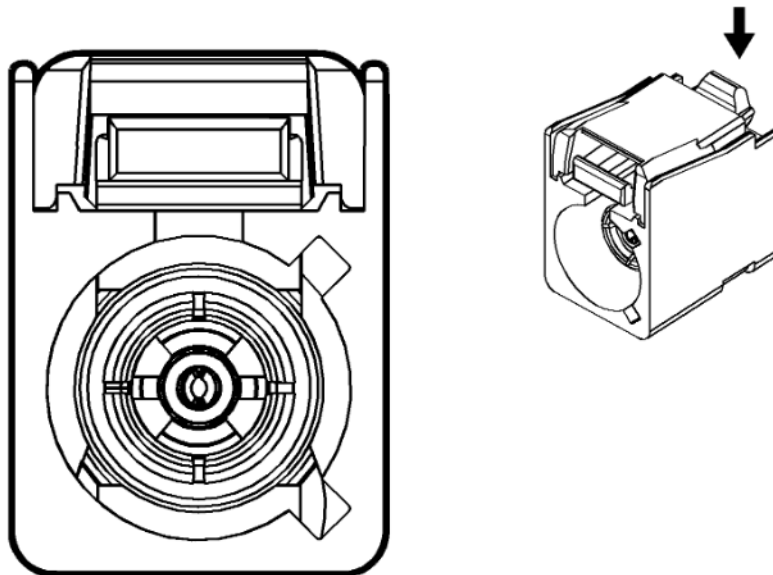
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X7





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13630369
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (VT)

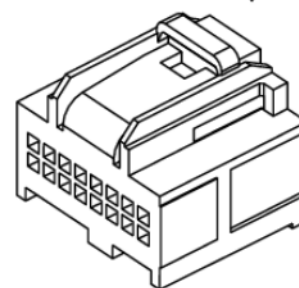
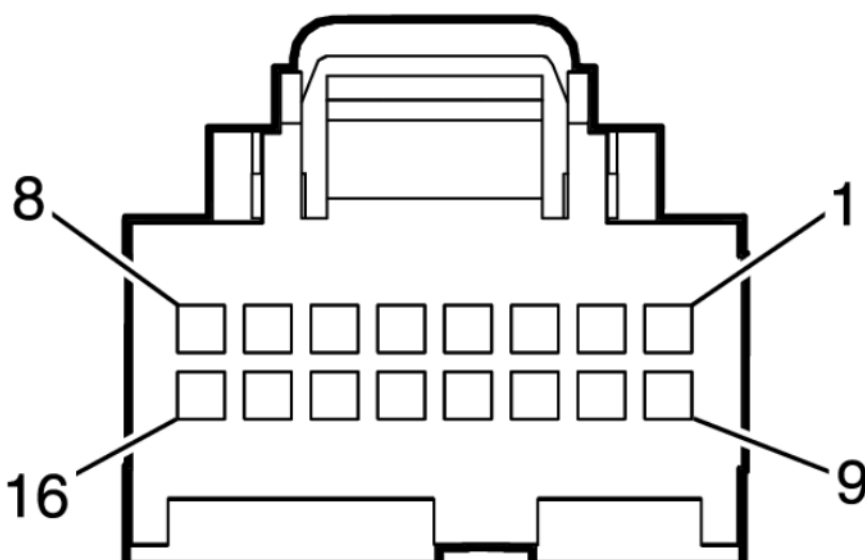
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X1





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104224
- Service Connector: 13594065
- Description: 16-Way F 0.64 OCS Series (BK)

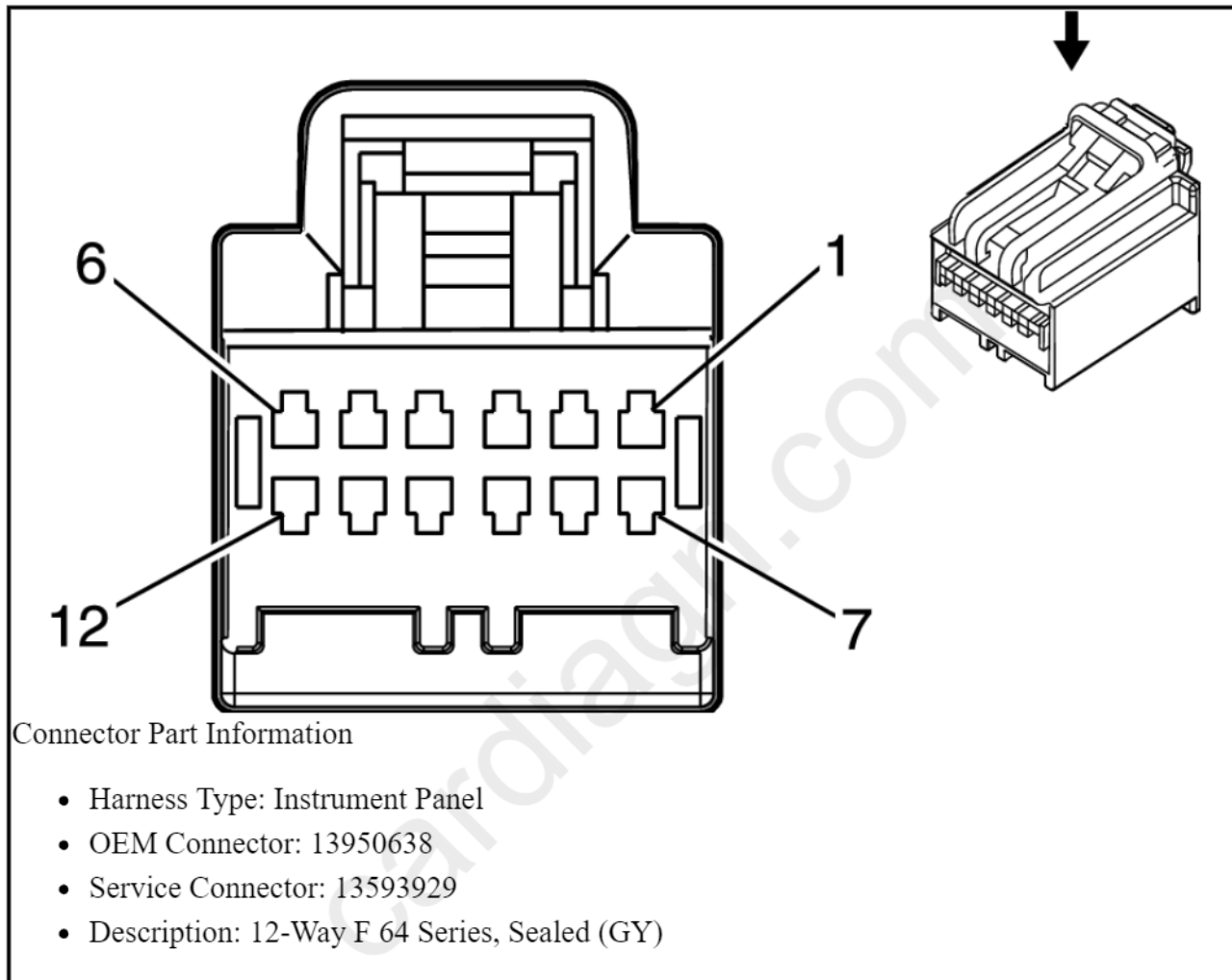
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	I I	IO5/IO6+UE1 UE1
2	0.35 0.35	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	I I	IO5/IO6+UE1 UE1
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	RD/BU	3240	Battery Positive Voltage	I	-
8	0.5	BK	1750	Ground	I	-
9	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
10	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	-
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	-
15 - 16	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X2



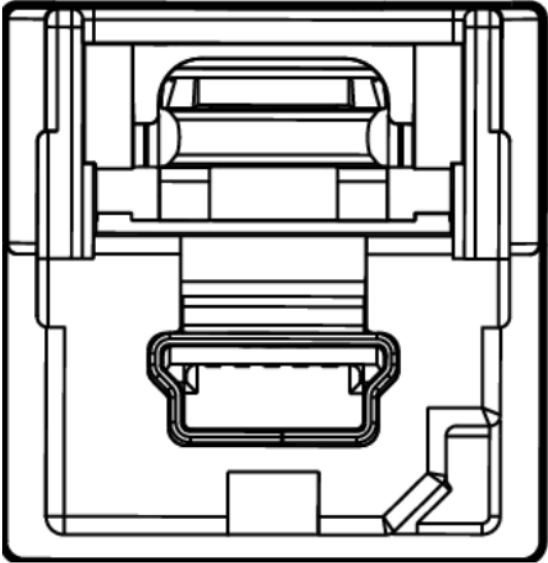
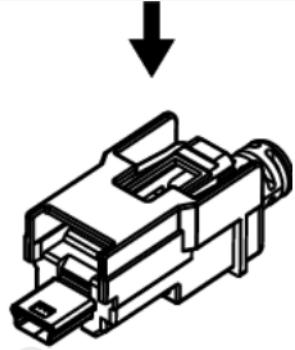
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	3999	MOST Control	II	-
2	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
3	0.35	GY	3998	MOST Serial Data (+)	I	-
4	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	GY/YE	6972	Camera Signal 2 +	II	-
6	0.35	WH/BU	6973	Camera Signal 2	II	-
7	-	-	-	Not Occupied	-	-
8	0.35	GY	3998	MOST Serial Data (+)	II	-
9	0.35	WH/BU	3997	MOST Serial Data (-)	II	-
10 - 12	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X3

Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13868727
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

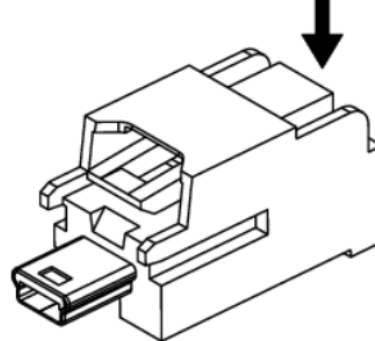
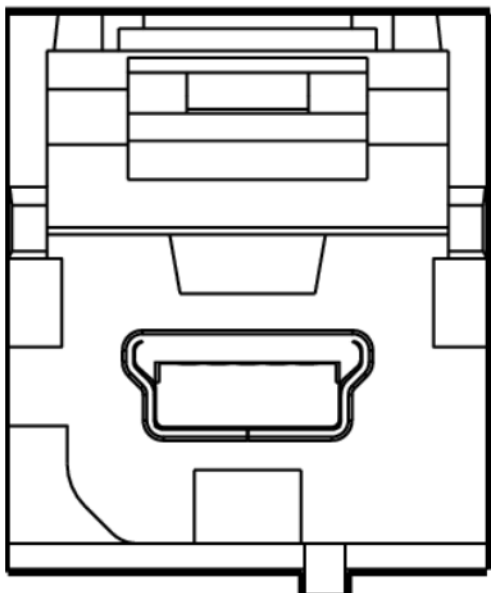
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X4





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13868839
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GN)

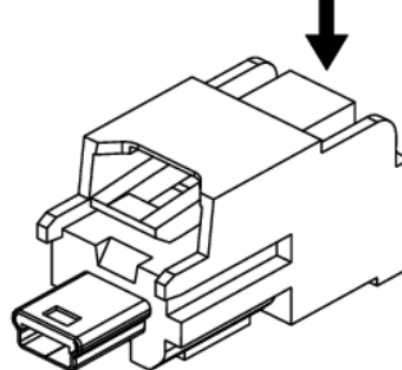
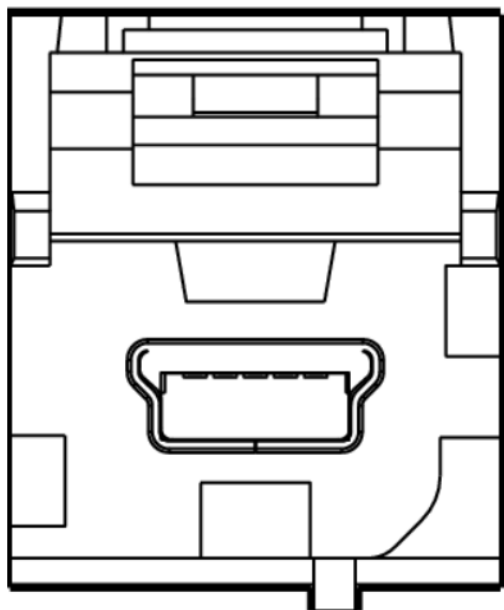
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X5





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13871469
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

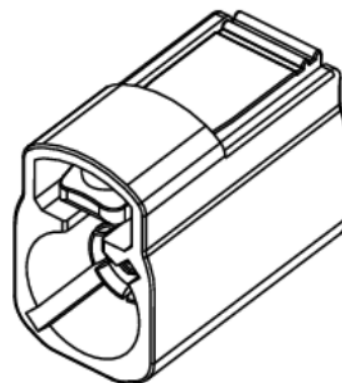
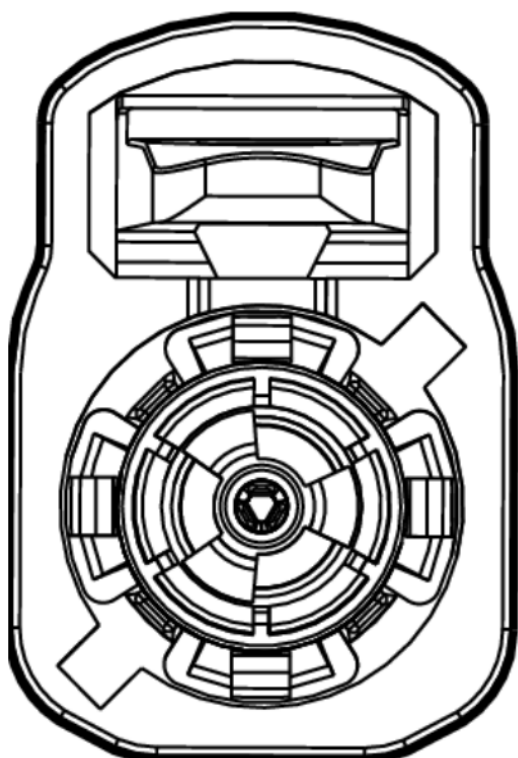
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X7





Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13746743
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

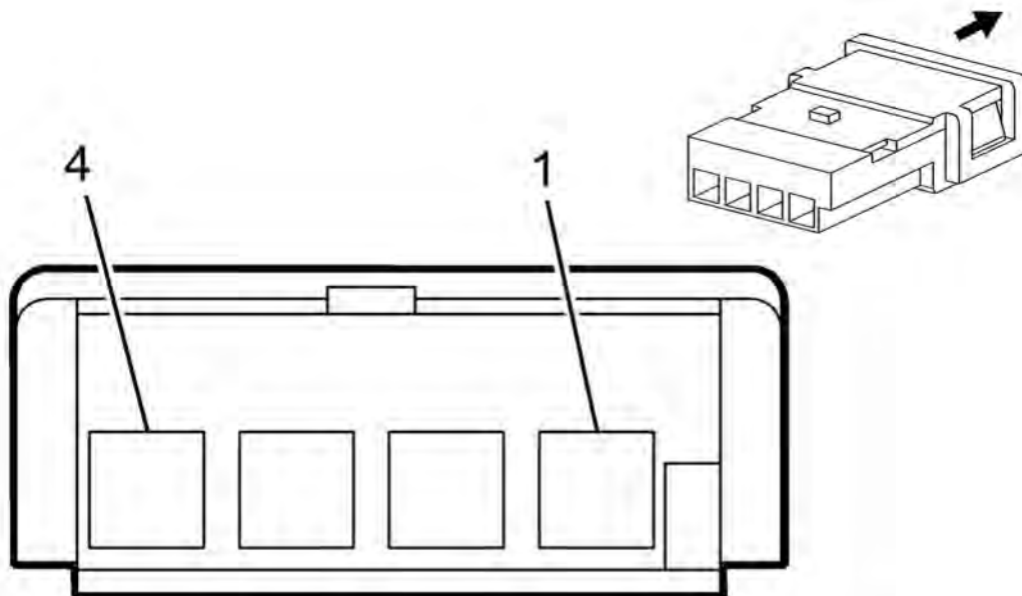
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

K77 REMOTE CONTROL DOOR LOCK RECEIVER X1





Connector Part Information

- Harness Type: Body
- OEM Connector: 15363838
- Service Connector: 13576534
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

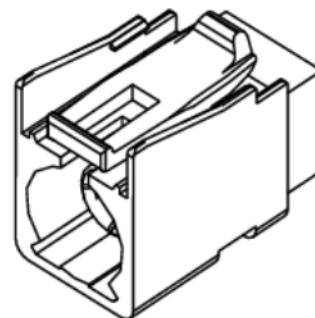
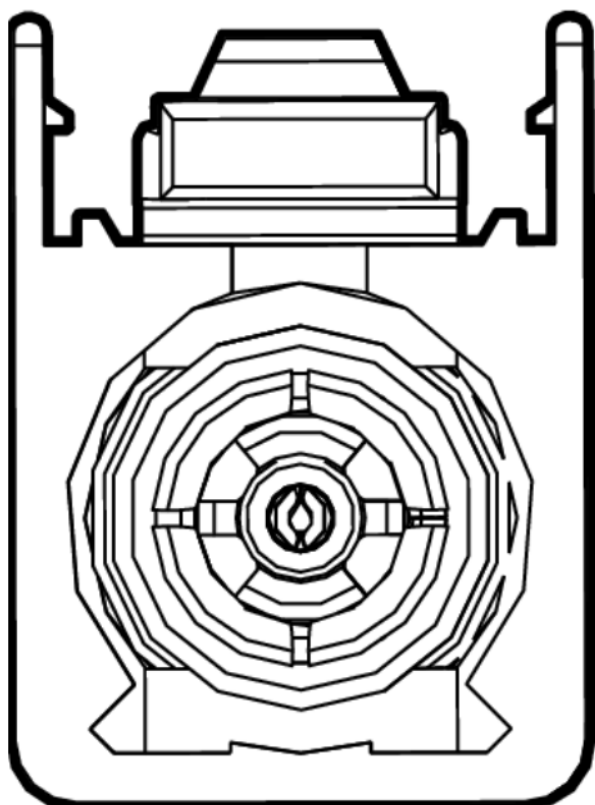
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	3273	Remote Function Actuator Low Reference	I	-
2	0.13	YE	3274	Remote Function Actuator Transmit Signal	I	-
3	0.13	BU	3275	Remote Function Actuator Receive Signal	I	-
4	0.35	GY/WH	3272	Remote Function Actuator Control	I	-

K77 REMOTE CONTROL DOOR LOCK RECEIVER X2





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13878338
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (OG)

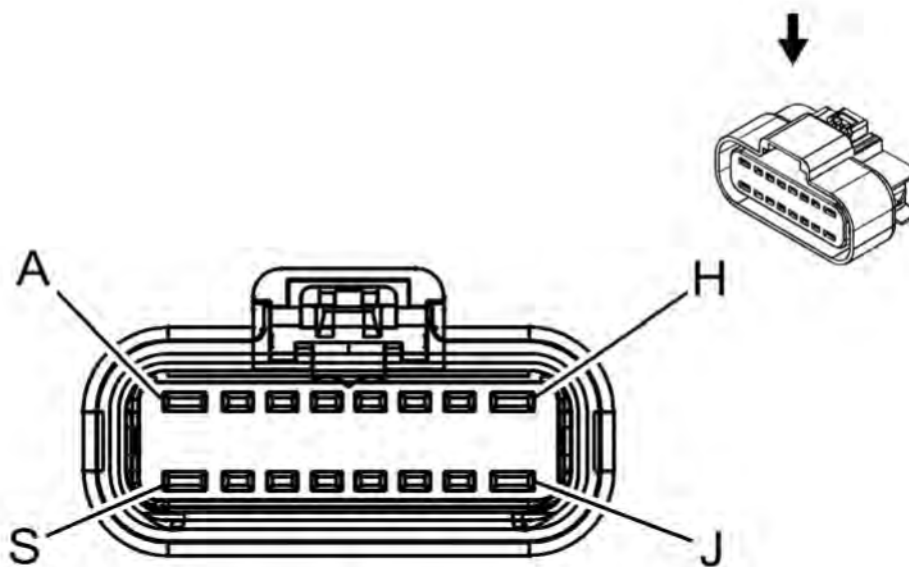
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

K83 PARK BRAKE CONTROL MODULE





Connector Part Information

- Harness Type: Body
- OEM Connector: 15479301
- Service Connector: 15306348
- Description: 16-Way F 150, 280 GT Series, Sealed (BK)

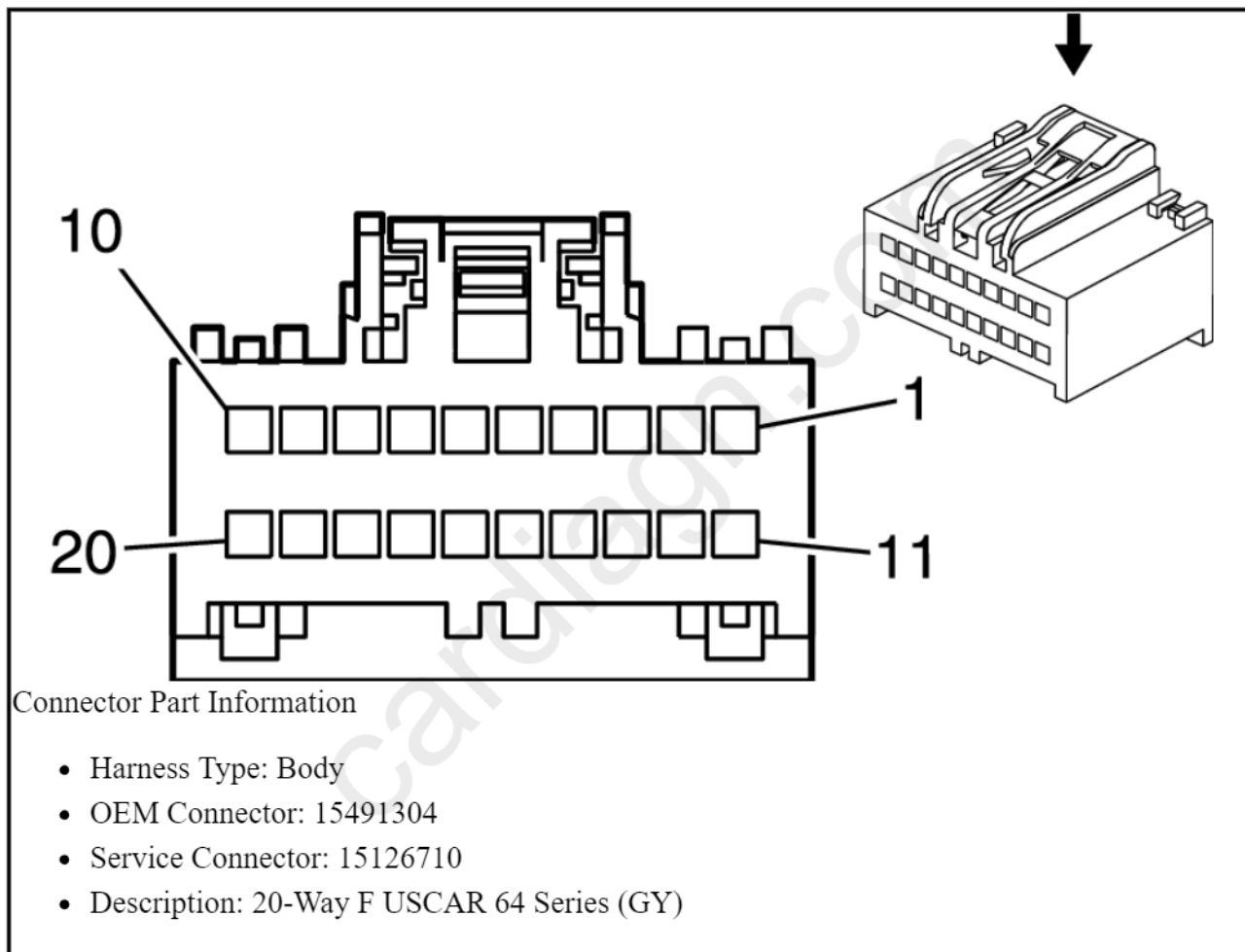
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575354	J-35616-14 (GN)	J-38125-553	12191819	Delphi 8	E	1
II	13575402	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	13576356	J-35616-4A (PU)	J-38125-553	15304719	Delphi 19	E	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	4	RD/VT	1640	Battery Positive Voltage	II	-
B	0.35	BU/BK	6108	Park Brake Release Switch Signal	I	-
C	0.35	BU/VT	1134	Park Brake Switch Signal	I	-
D	0.35	BN	6107	Park Brake Apply Switch Signal	I	-
E	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
F	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
G	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
H	4	BK	2350	Ground	II	-
J	-	-	-	Not Occupied	-	-
K	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
L	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
M	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
N	0.35	YE	1492	Park Brake Switch Supply Voltage	I	-
P	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
R	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	I	-
S	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	III	-

K84 KEYLESS ENTRY CONTROL MODULE X4



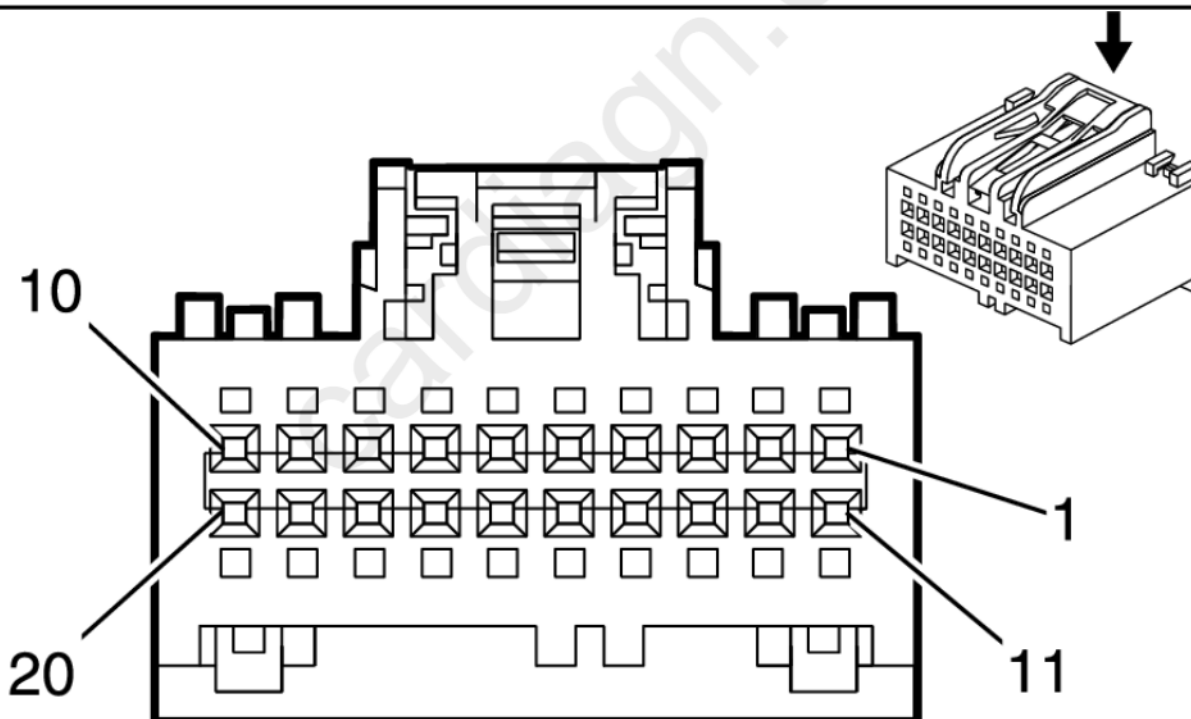
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	0.35	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
3 - 5	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
7	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
12	0.35	GN/WH	3570	Driver Door Handle Switch Signal	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-
19	-	-	-	Not Occupied	-	-
20	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-

K84 KEYLESS ENTRY CONTROL MODULE X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 15489824
- Service Connector: 15126711
- Description: 20-Way F 0.64 Series (BK)

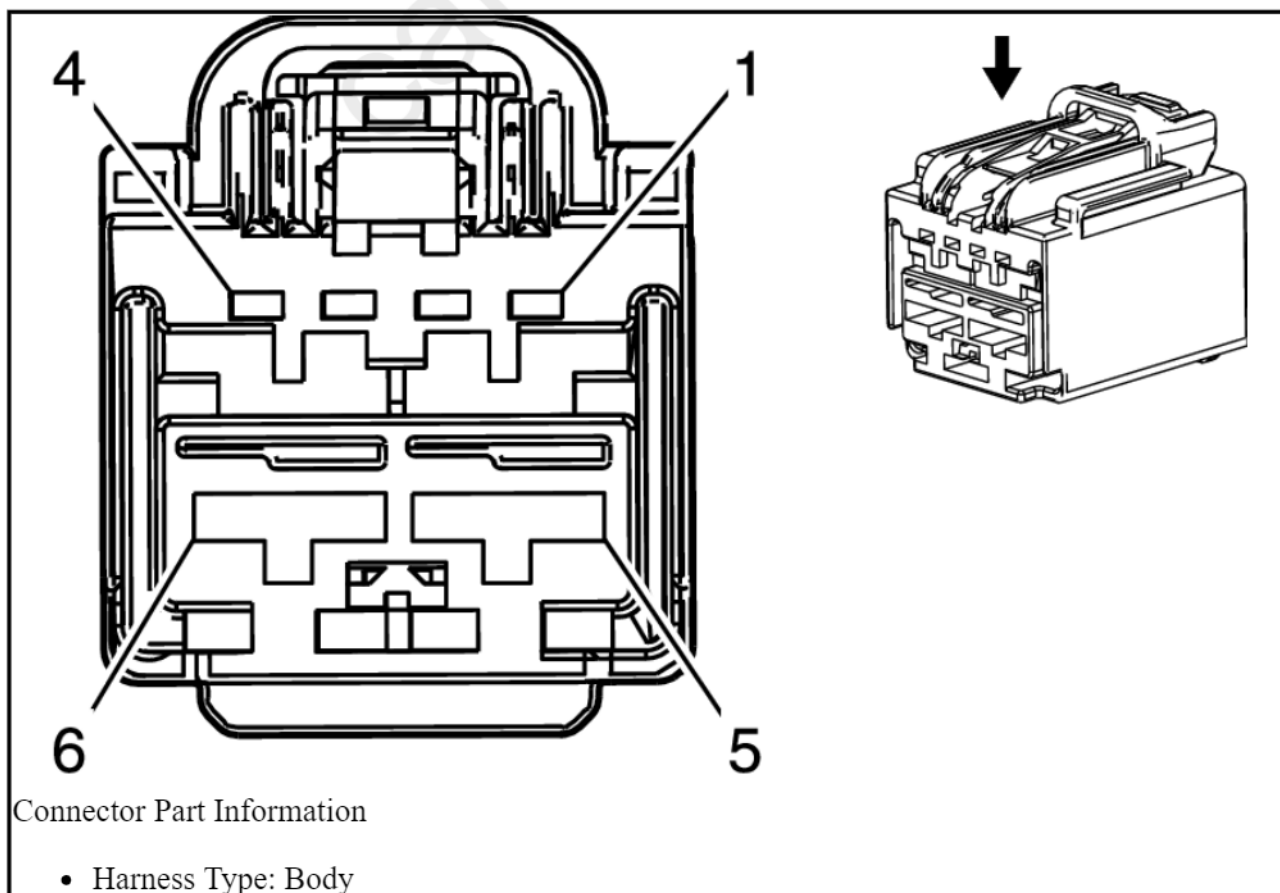
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579943	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
4 - 10	-	-	-	Not Occupied	-	-
11	0.13	WH	3558	Passive Start Switch Signal 2	I	-
12	0.13	BK	3559	Passive Start Switch 2 Low Reference	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.35	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	II	-
16	0.35	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	II	-
17	0.35	WH	3553	Passive Start Interior Antenna 1 Signal Lo	II	-
18	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	II	-
19	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	II	-
20	0.35	BU	3554	Passive Start Interior Antenna 2 Signal Hi	II	-

K84 KEYLESS ENTRY CONTROL MODULE X2



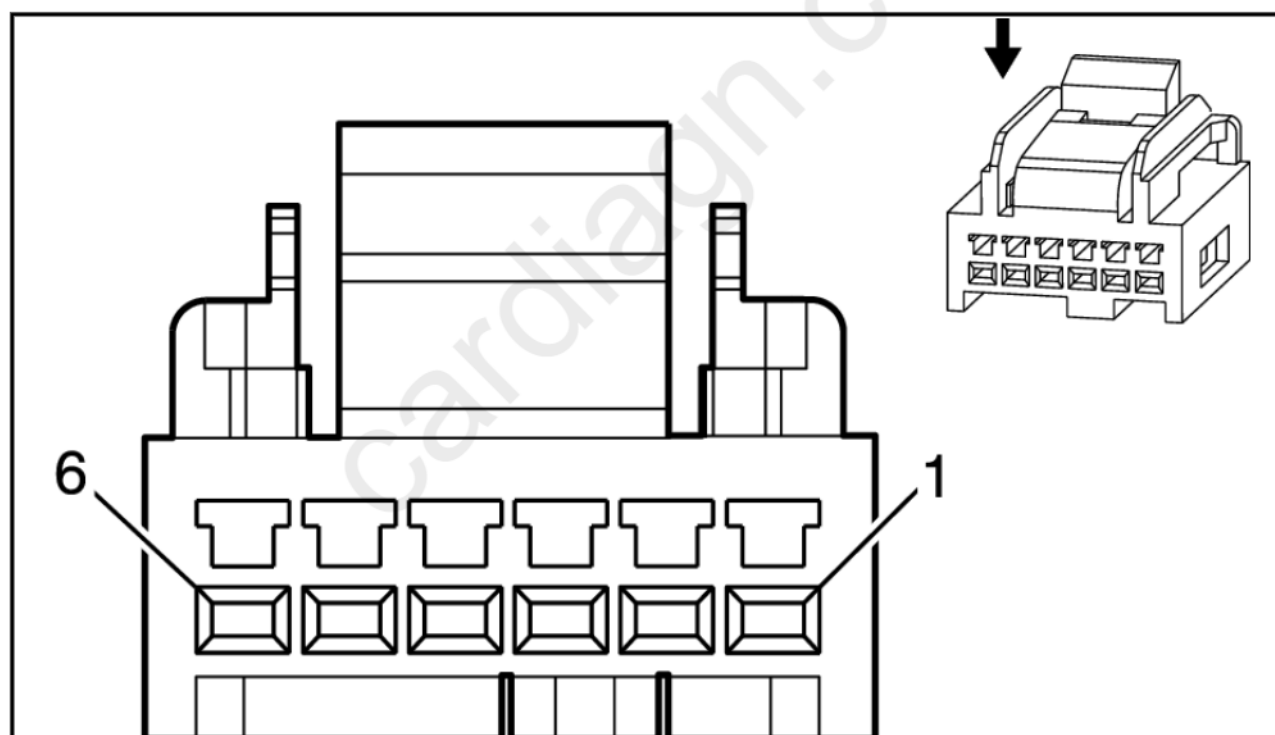
- OEM Connector: 13520671
- Service Connector: 88988512
- Description: 6-Way F 150 GT, 6.3 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/WH	640	Battery Positive Voltage	I	-
2	0.35	BK	2050	Ground	I	-
3	0.13	YE	4	Accessory Ignition Voltage	I	-
4	0.13	VT	3	Run/Crank Ignition 1 Voltage	I	-
5	0.5	RD/WH	640	Battery Positive Voltage	II	-
6	0.35	BK	2050	Ground	II	-

K85 PASSENGER PRESENCE MODULE X1



Connector Part Information

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

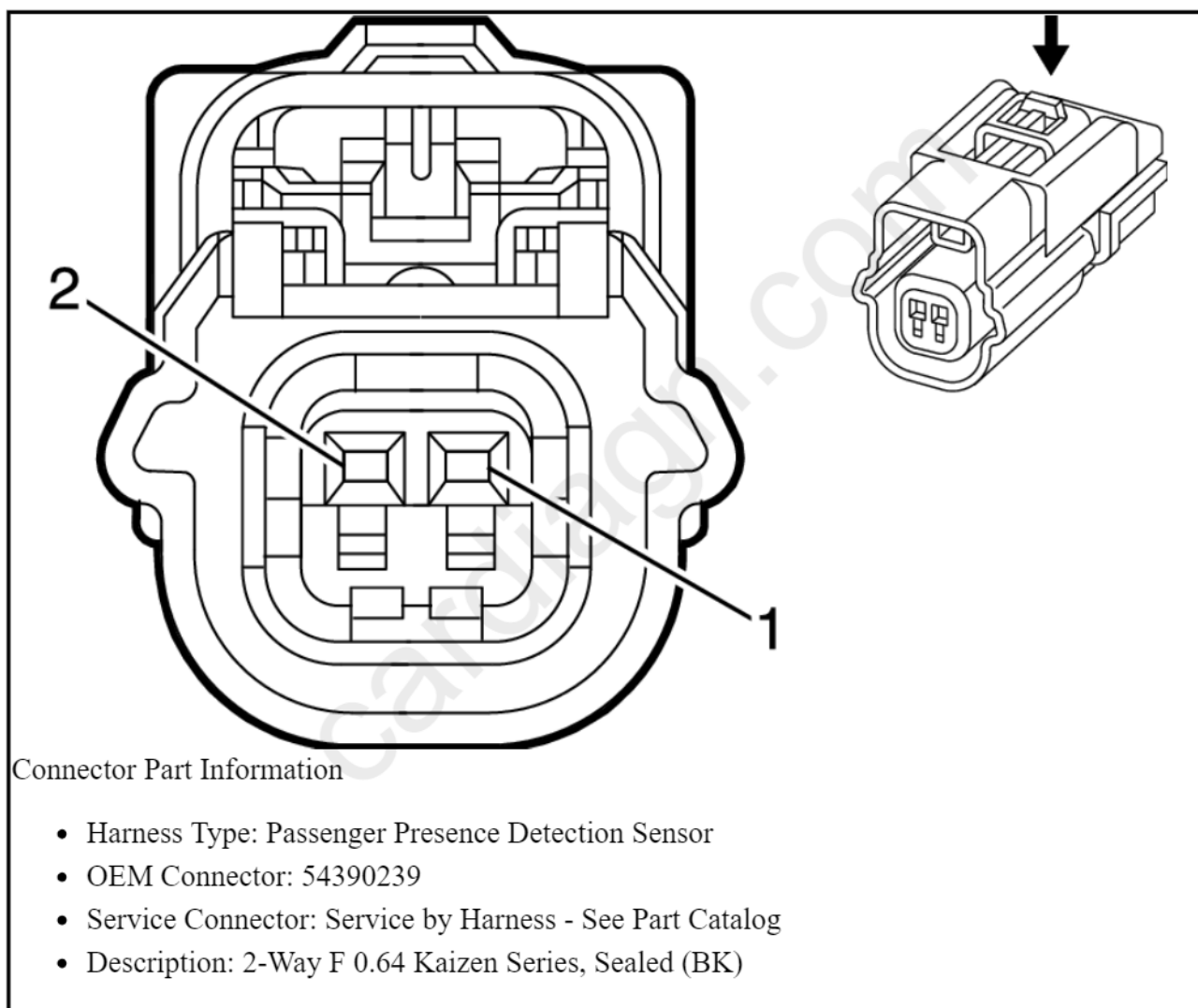
Terminal Part Information

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

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/WH	2040	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	450	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-

K85 PASSENGER PRESENCE MODULE X2



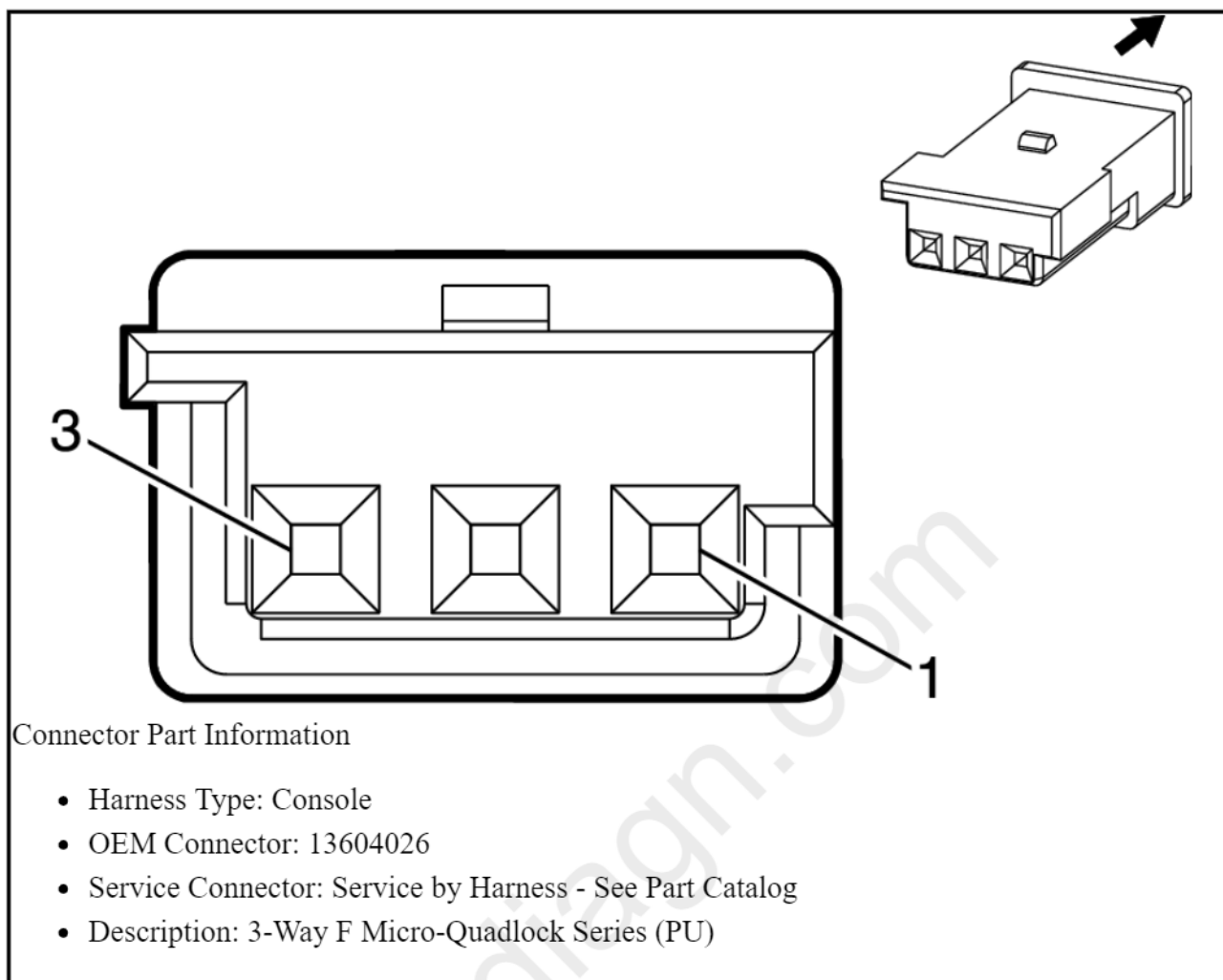
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/YE	5608	Occupant Pressure Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.5	GN/RD	5609	Occupant Pressure Sensor 5V Reference	I	-

K89 IMMOBILIZER CONTROL MODULE (BTM)



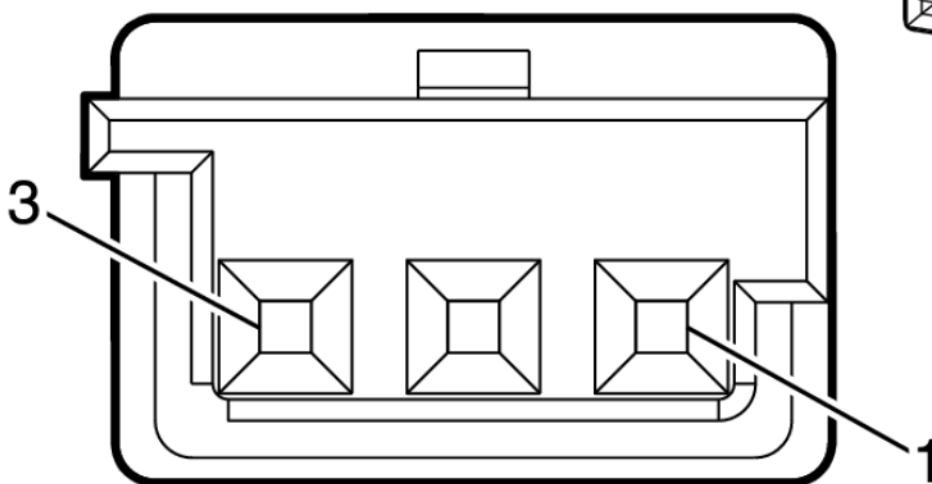
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/VT	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-

K89 IMMOBILIZER CONTROL MODULE (-BTM)





Connector Part Information

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

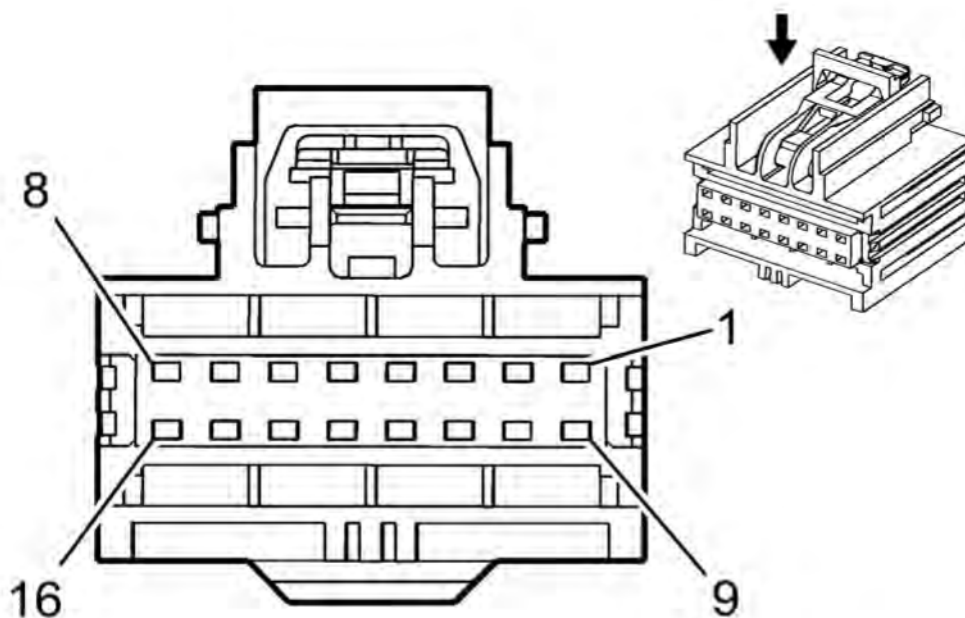
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/VT	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-

K96 MIRROR CONTROL MODULE





Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13595812
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (L-GY)

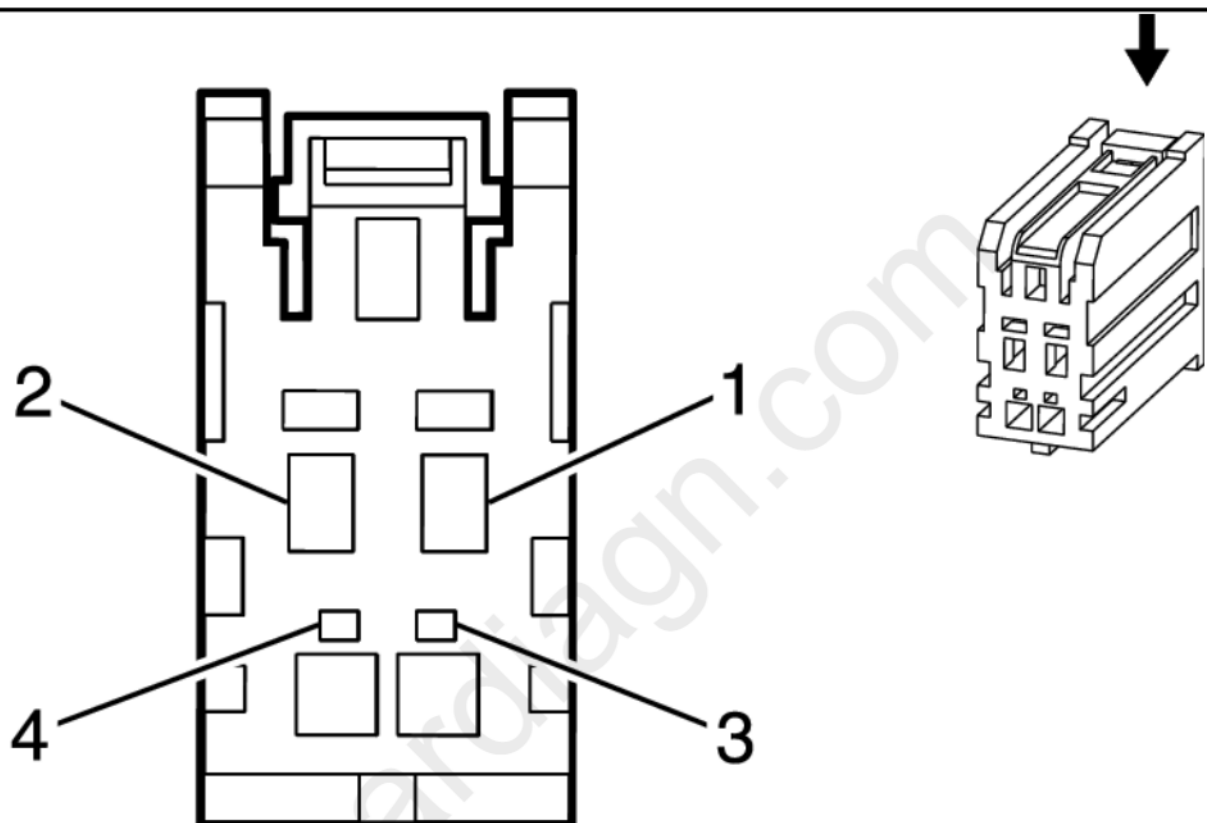
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/VT	1940	Battery Positive Voltage	I	-
2	0.5	GY/WH	3411	Driver Mirror Motor Fold Out Control	I	-
3	0.5	WH/GN	3412	Driver Mirror Motor Fold In Control	I	-
4	0.35	WH/YE	3395	Driver Mirror Position Sensor Left (-) Right (+) Signal	I	-
5	0.35	VT/RD	3392	Driver Mirror Position Sensor 5V Reference	I	-
6	0.35	BK/BN	3393	Driver Mirror Position Sensor Low Reference	I	-
7	0.35	WH	5637	Outside Rear View Mirror Select Signal	I	-
8	0.35	YE/GY	1382	LED Dimming Signal	I	-
9	0.35	VT/BU	3390	Driver Mirror Motor Up (+) Down (-) Control	I	-
10	0.35	BN/BK	3389	Driver Mirror Motor Right (+) Left (-) Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	YE/BN	3391	Driver Mirror Motor Common Control	I	-
12	0.5	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
13	0.35	GY/BN	3394	Driver Mirror Position Sensor Up (+) Down (-) Signal	I	-
14	0.5	BK	850	Ground	I	-
15	0.5	BK/VT	5478	Mirror Switch Low Reference	I	-
16	0.35	BU	5636	Outside Rear View Mirror Adjust Signal	I	-

K99 STEERING COLUMN POSITION CONTROL MODULE X1



Connector Part Information

- Harness Type: Steering Column Tilt Motor
- OEM Connector: 19206654
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 1.5 Series (GY)

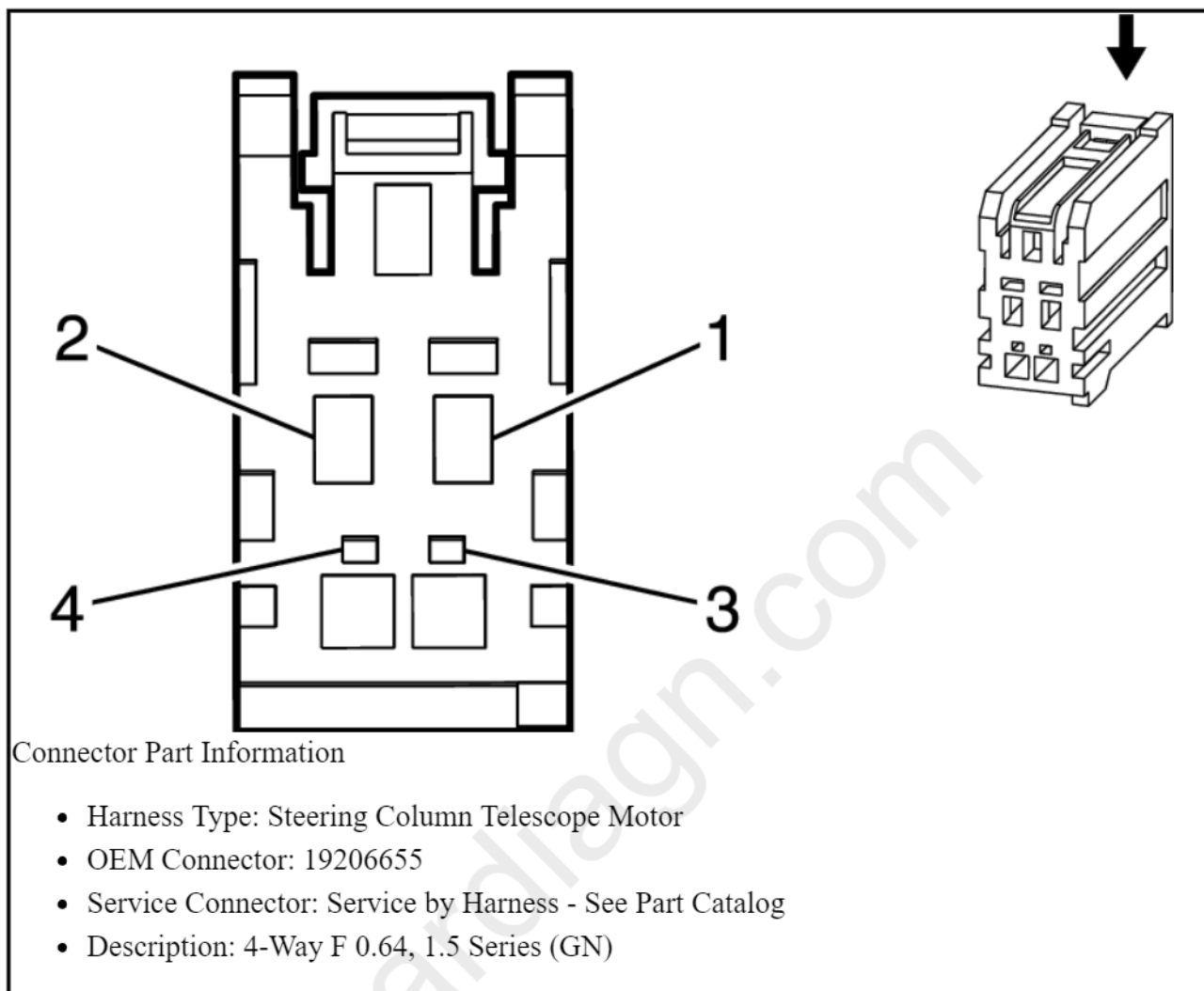
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BN/GY	2112	Steering Column Tilt Motor Down Control	I	-
2	1.0	GY/VT	2111	Steering Column Tilt Motor Up Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	WH/BK	2157	Steering Column Tilt Motor Low Reference	I	-
4	0.35	YE	2154	Steering Column Tilt Motor Signal	I	-

K99 STEERING COLUMN POSITION CONTROL MODULE X2

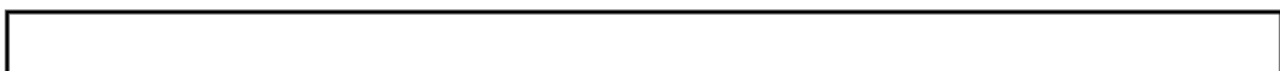


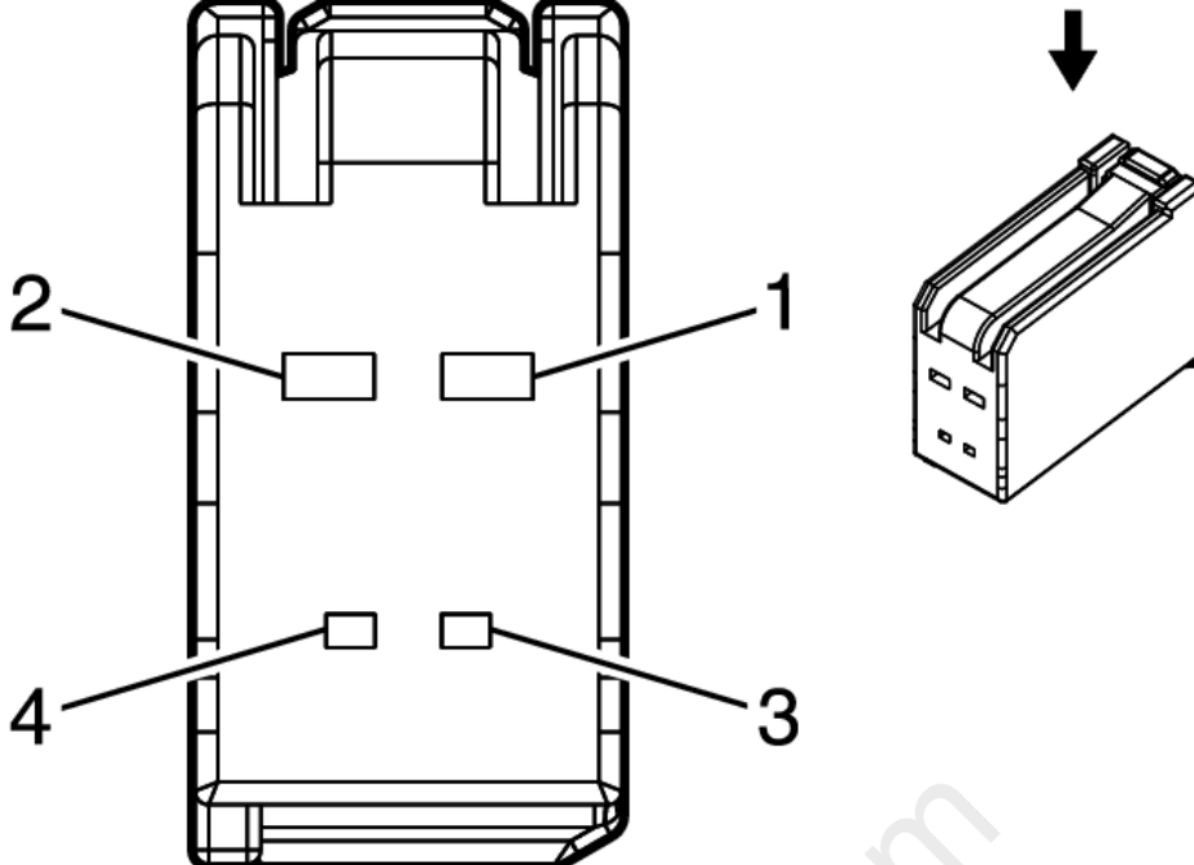
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BU/BK	2098	Steering Column Telescope Motor Forward Control	I	-
2	1.0	YE/BN	2110	Steering Column Telescope Motor Rearward Control	I	-
3	0.35	YE/BK	2152	Steering Column Telescope Motor Low Reference	I	-
4	0.35	VT/GY	2153	Steering Column Telescope Motor Signal	I	-

K99 STEERING COLUMN POSITION CONTROL MODULE X3





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13872309
- Service Connector: 19299685
- Description: 4-Way F 0.64, 1.5 Series (WH)

Terminal Part Information

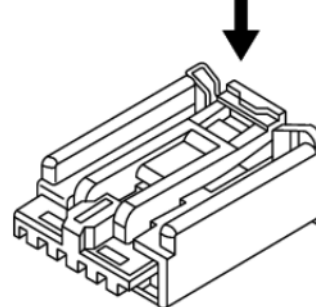
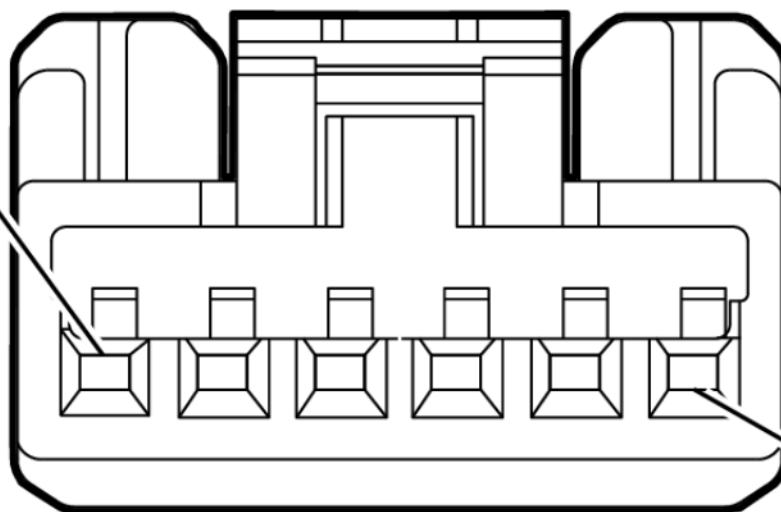
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	RD/BN	3640	Battery Positive Voltage	I	-
2	1	BK	1550	Ground	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	II	-

K99 STEERING COLUMN POSITION CONTROL MODULE X4



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Connector Part Information

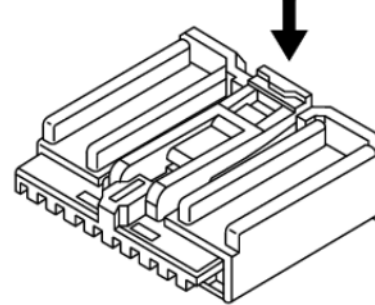
- Harness Type: Instrument Panel
- OEM Connector: 13595476
- Service Connector: 19167753
- Description: 6-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

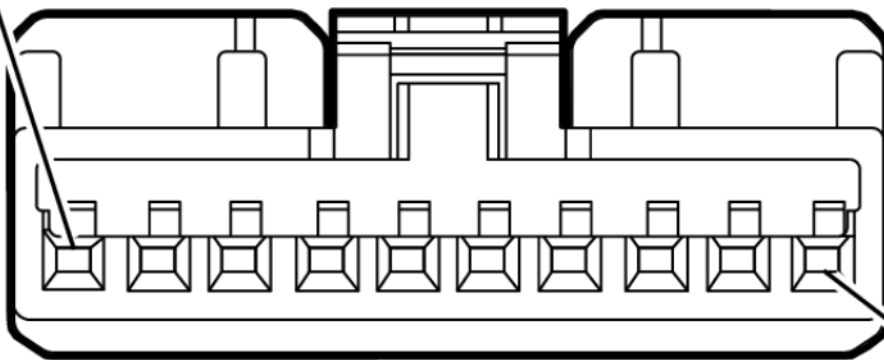
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2155	Steering Column Tilt and Telescope Switch Low Reference	I	-
2	0.35	BU/YE	2094	Steering Column Tilt and Telescope Forward Switch Signal	I	-
3	0.35	GN/BN	2095	Steering Column Tilt and Telescope Rearward Switch Signal	I	-
4	0.35	BN/GY	2096	Steering Column Tilt and Telescope Up Switch Signal	I	-
5	0.35	YE/BN	2097	Steering Column Tilt and Telescope Down Switch Signal	I	-
6	-	-	-	Not Occupied	-	-

B174 FRONTVIEW CAMERA



10



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Connector Part Information

- Harness Type: Body
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F 0.64 Kaizen Series (BK)

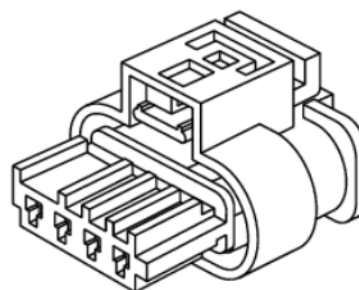
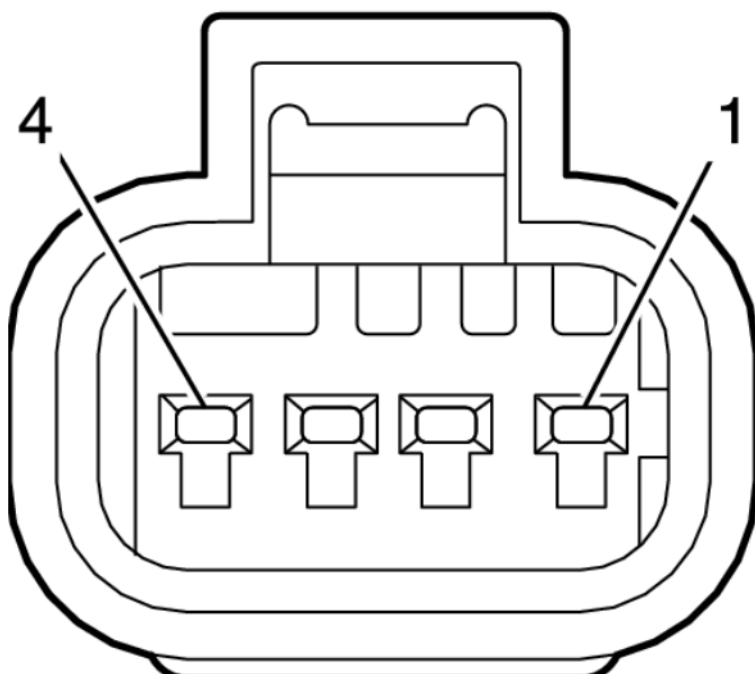
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	850	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	RD/GN	3140	Battery Positive Voltage	I	-
4	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-

K125 DUAL BATTERY CONTROL MODULE





Connector Part Information

- Harness Type: Body
- OEM Connector: 13781047
- Service Connector: 13581092
- Description: 4-Way F 1.2 Series, Sealed (BK)

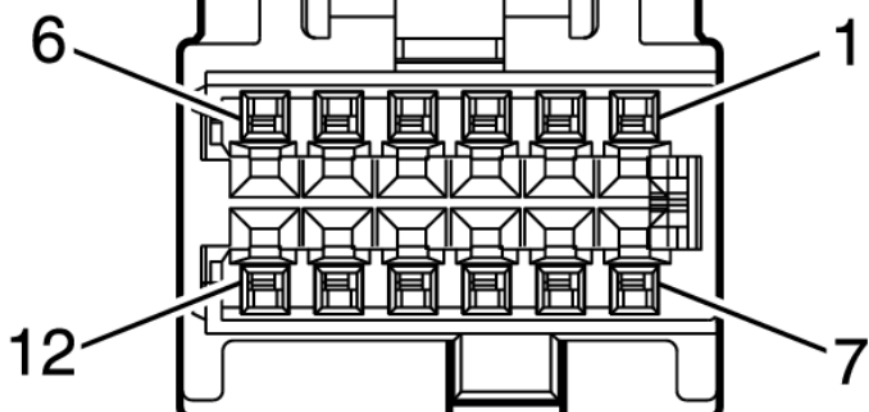
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BU	4161	Transmission Auxiliary Pump Relay Control	I	-
2	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	I	-
3	0.5	VT/BK	1239	Run/Crank Ignition 1 Voltage	I	-
4	1	BK	150	Ground	I	-

K182 PARKING ASSIST CONTROL MODULE X1





Connector Part Information

- Harness Type: Body
- OEM Connector: 13782625
- Service Connector: 19301730
- Description: 12-Way F 0.64 Series (BK)

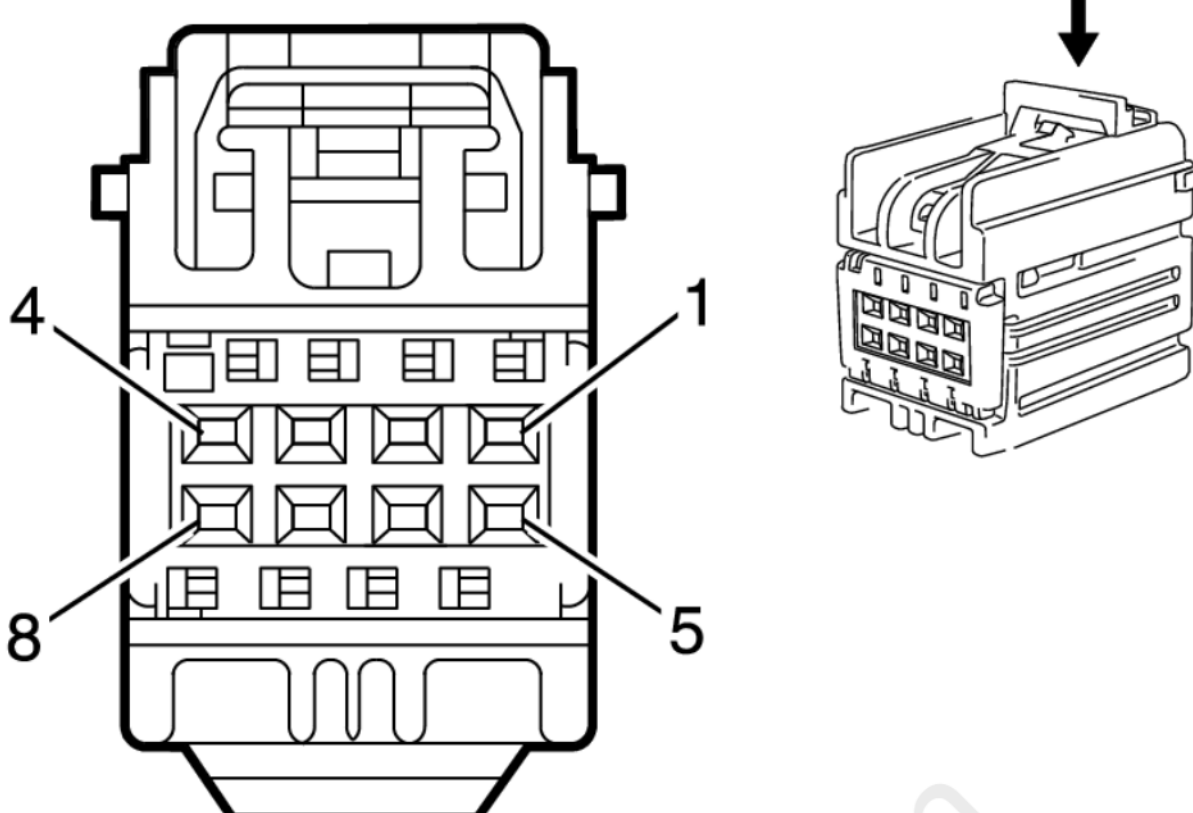
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/GN	3140	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.35	BK	2350	Ground	I	-
8	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	-
9	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
10 - 12	-	-	-	Not Occupied	-	-

K182 PARKING ASSIST CONTROL MODULE X2





Connector Part Information

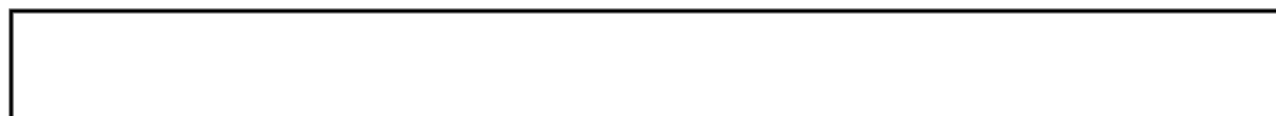
- Harness Type: Body
- OEM Connector: 13551679
- Service Connector: 19115653
- Description: 8-Way F YESC Kaizen Series (L-GY)

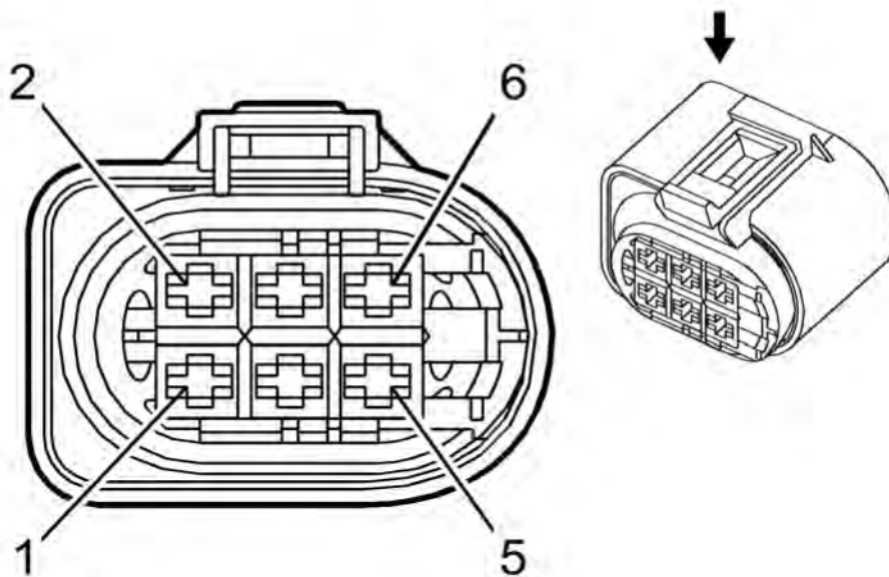
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

KR14 BRAKE BOOSTER PUMP MOTOR RELAY X1





Connector Part Information

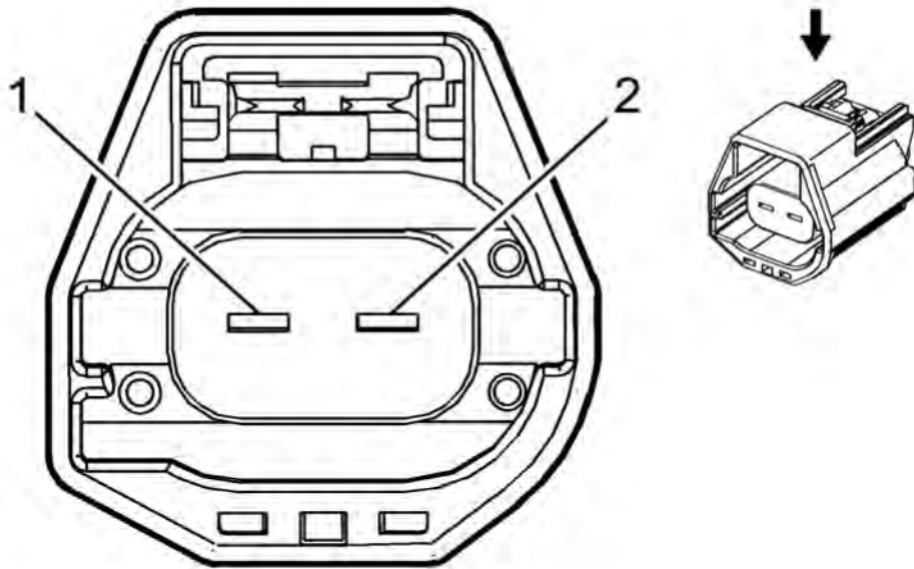
- Harness Type: Forward Lamp
- OEM Connector: 13578488
- Service Connector: Not Available
- Description: 6-Way F 2.8 SLK Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BK	1050	Ground	I	-
2	0.5	BN	6305	Brake Vacuum Switch Signal	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	1.0	RD/BU	1842	Battery Positive Voltage	I	-
6	-	-	-	Not Occupied	-	-

KR14 BRAKE BOOSTER PUMP MOTOR RELAY X2



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 7283-5575-10
- Service Connector: Not Available
- Description: 2-Way F 2.8 Series, Sealed (D-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	RD	1470	Brake Booster Pump Motor Control	I	-
2	1.5	GY	1809	Brake Booster Vacuum Sensor Signal	I	-

KR20C COOLING FAN LOW SPEED RELAY

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13728151
- Service Connector: Not Available
- Description: 4-Way F 280 GT, 800 M/P series, Sealed

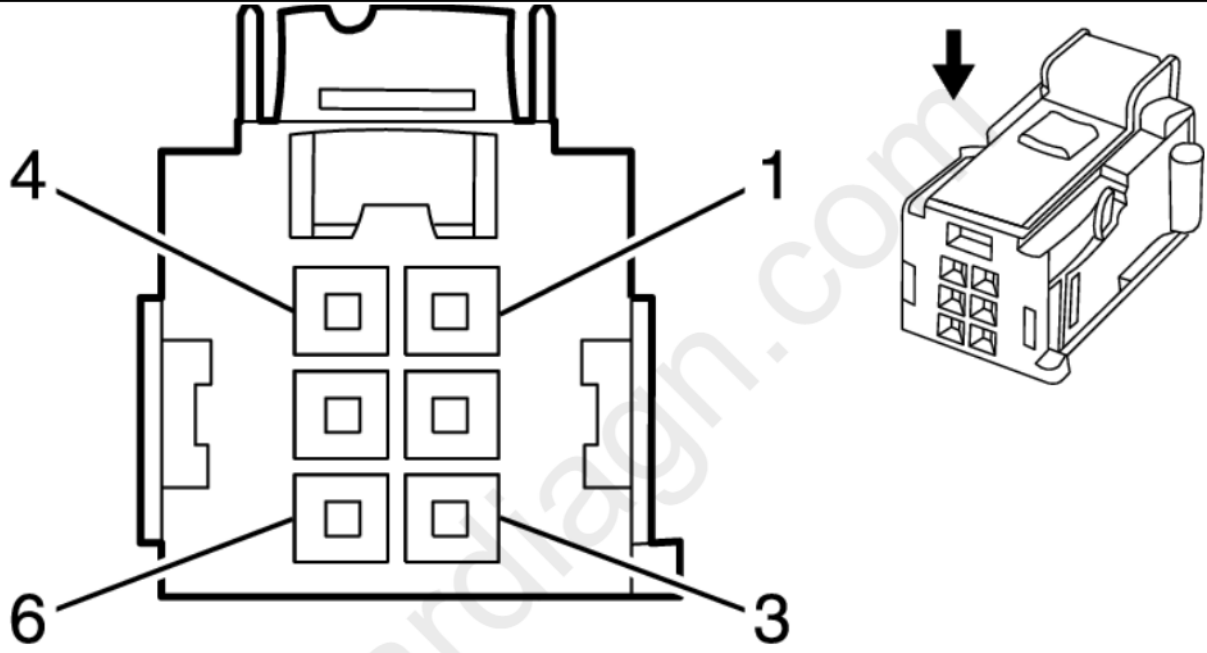
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-44 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
30	5	RD/WH	342	Battery Positive Voltage	I	-
85	0.5	WH	2368	Cooling Fan Control Signal	II	-
86	0.5	GN/VT	335	Low Speed Cooling Fan Relay Control	II	-
87	5	WH/BU	409	Cooling Fan Motor Control 1	I	-

M4 AIR INLET DOOR ACTUATOR



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13691690
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (BK)

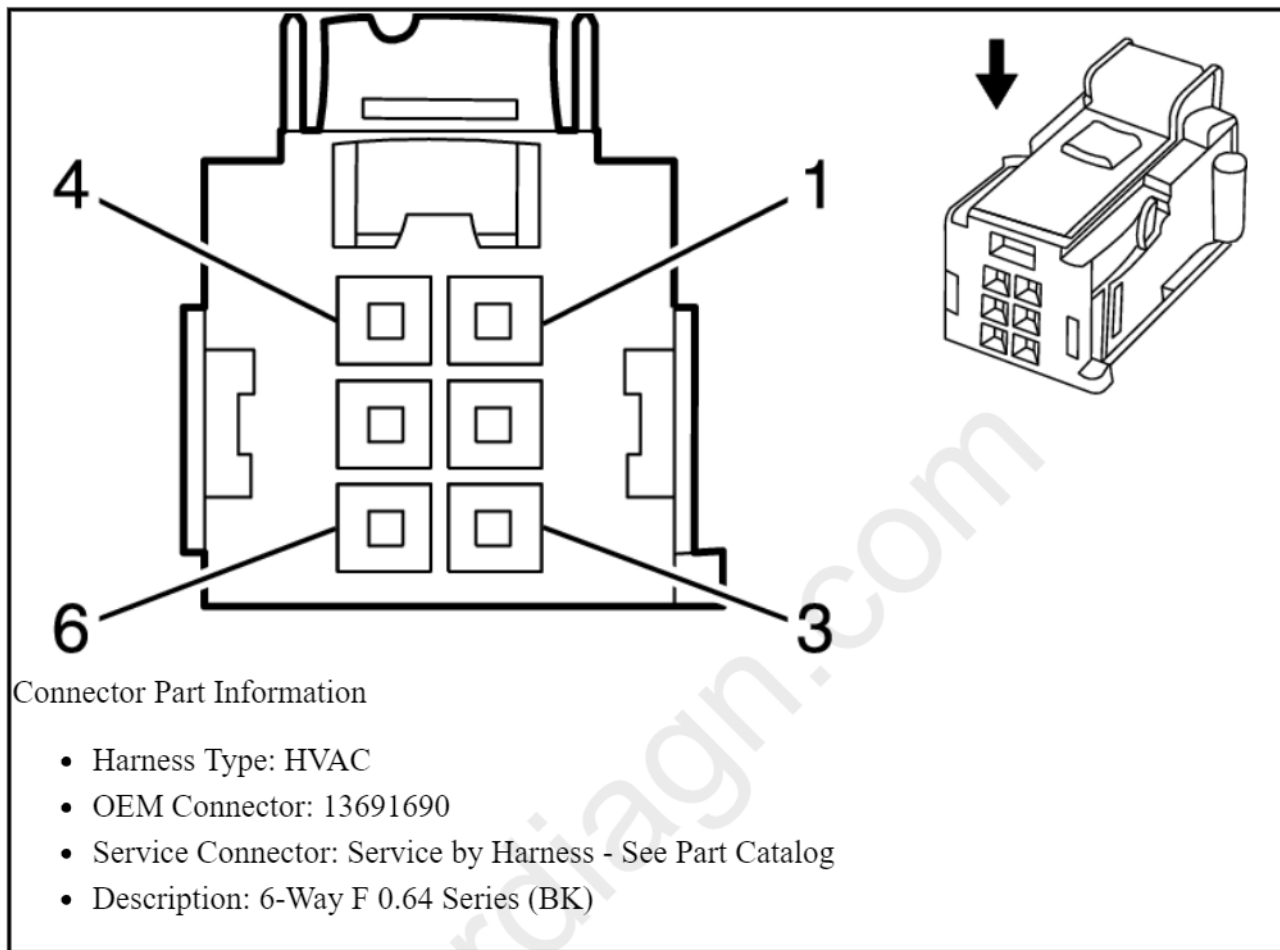
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
2	0.35	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-

M6 AIR TEMPERATURE DOOR ACTUATOR

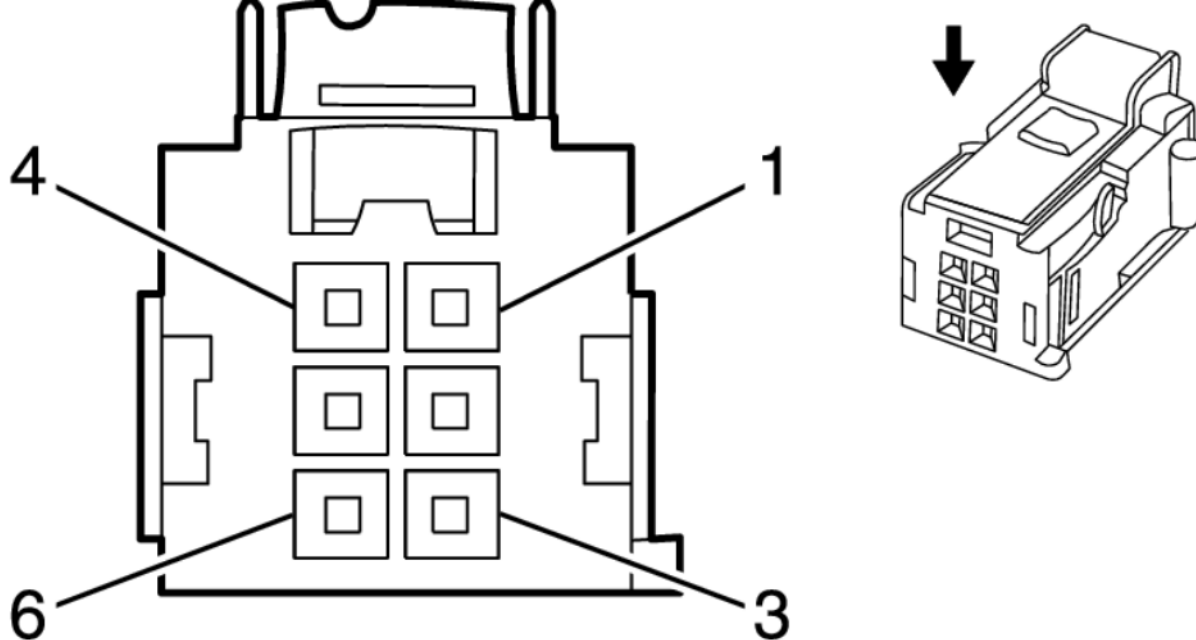


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
2	0.35	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
4	0.35	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-

M6L AIR TEMPERATURE DOOR ACTUATOR - LEFT



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13691690
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (BK)

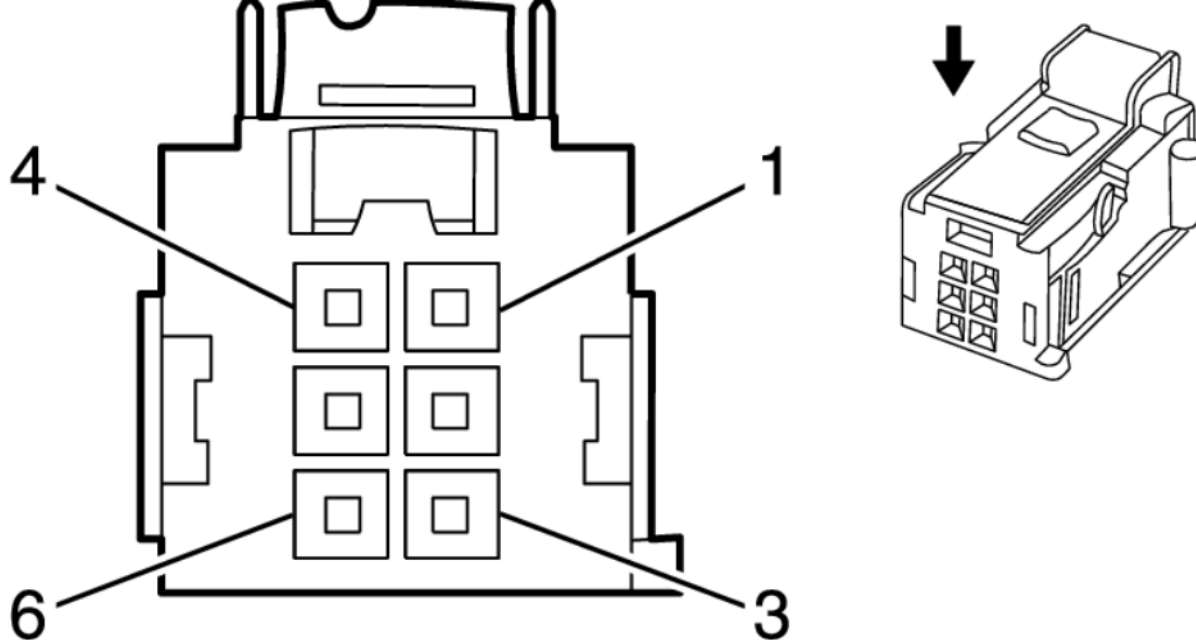
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
2	0.35	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
4	0.35	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-

M6R AIR TEMPERATURE DOOR ACTUATOR - RIGHT





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 13691690
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (BK)

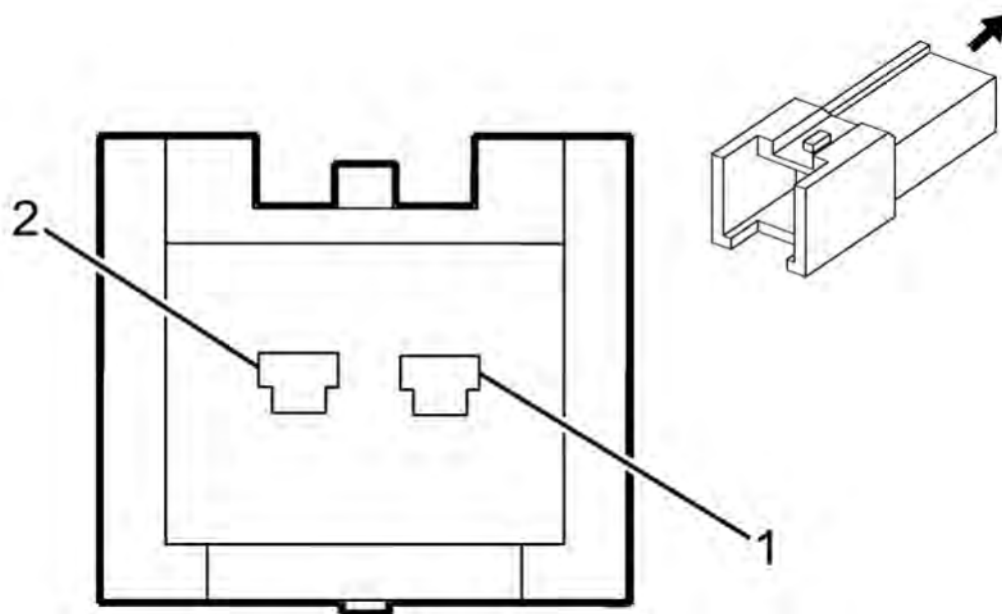
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/BK	3181	Temp Door Stepper Motor Passenger Control 1	I	-
2	0.35	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	WH/BK	3182	Temp Door Stepper Motor Passenger Control 2	I	-
4	0.35	WH/YE	3183	Temp Door Stepper Motor Passenger Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	VT/GY	3184	Temp Door Stepper Motor Passenger Control 4	I	-

M7 TRANSMISSION SHIFT LOCK CONTROL SOLENOID ACTUATOR





Connector Part Information

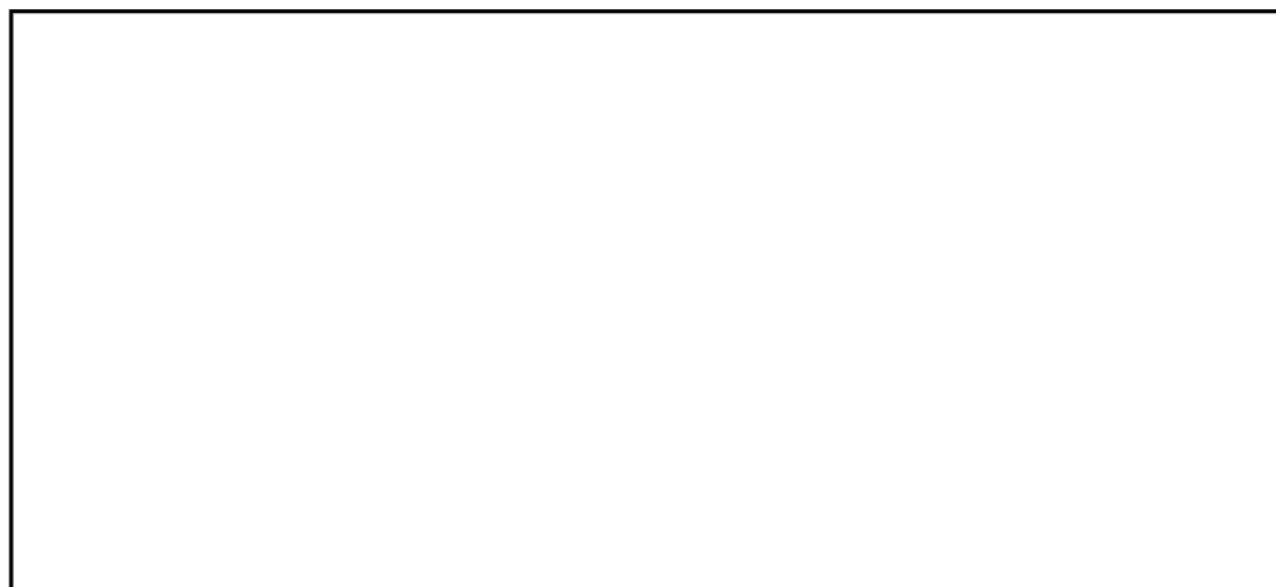
- Harness Type: Shift Lever
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M (WH)

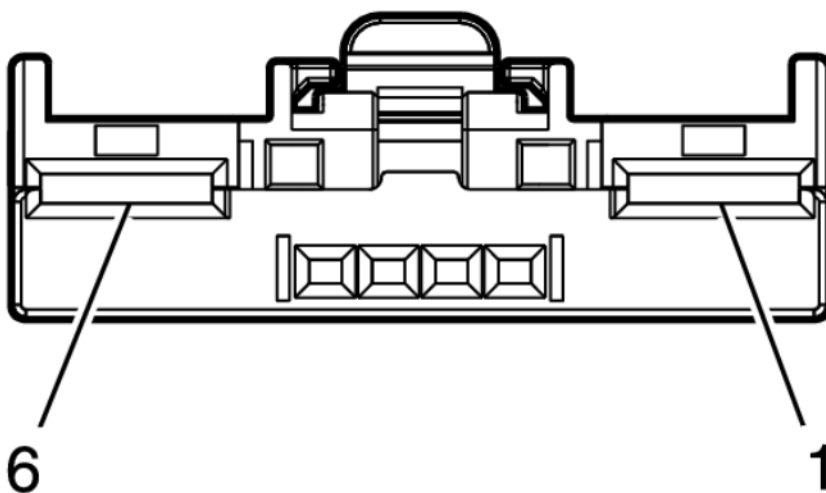
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.35	BK	2250	Ground	I	-
2	.35	RD	816	Brake Transmission Shift Interlock Solenoid Control	I	-

M8 BLOWER MOTOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10864043
- Service Connector: 19299711
- Description: 6-Way F 0.64 GET, 6.3 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/VT	542	Battery Positive Voltage	I	-
2	0.5	BU/GY	754	Blower Motor Speed Control	II	-
3 - 5	-	-	-	Not Occupied	-	-
6	4	BK	1850	Ground	I	-

M28L HIGH BEAM SOLENOID ACTUATOR - LEFT (T4A)

Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 1.0	WH BK	311 1050	Right Headlamp High Beam Control Ground	I I	T4A T4F
2	1.0 0.5	BK GN	1050 311	Ground Right Headlamp High Beam Control	I I	T4A T4F

M28R HIGH BEAM SOLENOID ACTUATOR - RIGHT (T4F)

Connector Part Information

- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

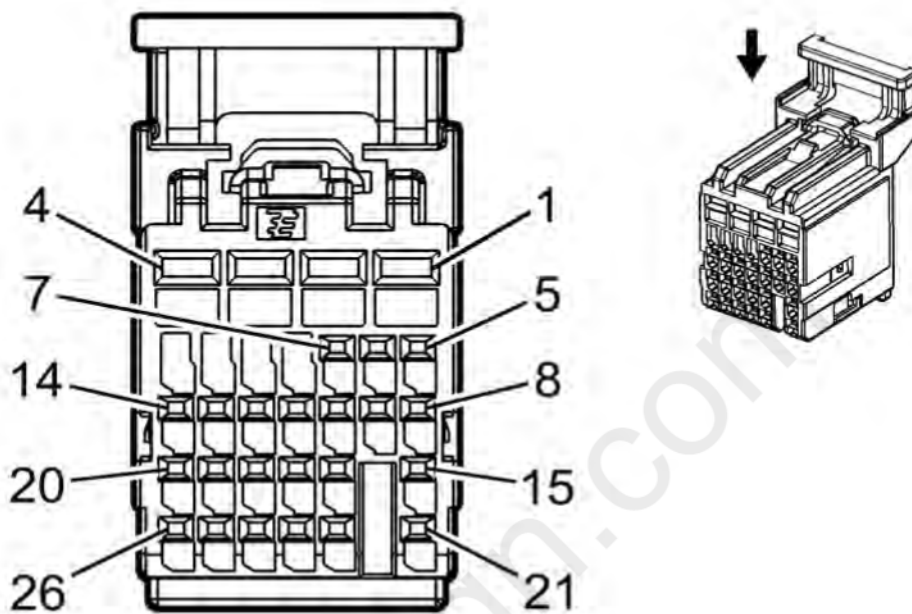
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	1150	Ground	I	-
2	0.5	GN	711	Left Headlamp High Beam Control	I	-

2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

K9 BODY CONTROL MODULE X5



Connector Part Information

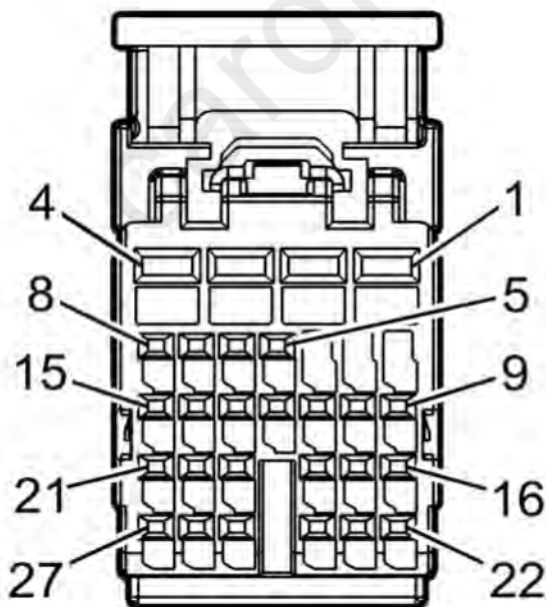
- Harness Type: Body
- OEM Connector: 13882851
- Service Connector: 13581576
- Description: 26-Way F 0.64, 2.8 Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A
IV	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	E	A
V	13582326	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BU	18	Left Rear Stop/Turn Lamp Control	I	-
2	0.5	BU/WH	1314	Left Front Turn Signal Lamp Control	IV	-
3	0.75	RD/GN	3840	Battery Positive Voltage	III	-
4	0.5	RD/WH	3440	Battery Positive Voltage	I	-
5	0.35	VT/YE	3267	Child Security Lock Relay Control	V	-
6	0.35	BK/VT	5077	Current Sensor Low Reference	II	-
7	0.5	GY/BN	309	Right Park Lamp Control	II	-
8 - 10	-	-	-	Not Occupied	-	-
11	0.35	GY/YE	6188	Lift Glass/Rear Compartment Lid Motor Release Control	II	-
12	0.35	WH/BU	6311	Cruise/ETC/TCC Brake Signal	II	-
13	0.35	BN/YE	1970	Headlamp Low Beam Relay Control	II	-
14	0.13	BN	5486	Run Relay Coil Control	II	-
15 - 17	-	-	-	Not Occupied	-	-
18	0.35	BN/VT	1969	Headlamp High Beam Relay Control	II	-
19	0.35	BN/WH	28	Horn Relay Control	II	-
20 - 23	-	-	-	Not Occupied	-	-
24	0.35	WH/VT	860	Front Windshield Wiper Switch High Signal	II	-
25 - 26	-	-	-	Not Occupied	-	-

K9 BODY CONTROL MODULE X6



Connector Part Information

- Harness Type: Body
- OEM Connector: 13882853
- Service Connector: 13581577
- Description: 27-Way F 0.64, 2.8 Series (PK)

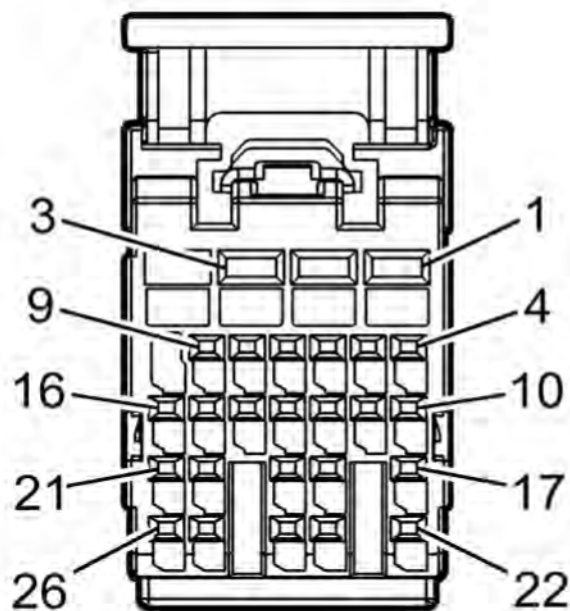
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5 0.75	GY GY	5911 5911	Door Lock Actuator Lock Control 2 Door Lock Actuator Lock Control 2	I III	N08 -N08
2	1.5	GY/GN	3271	Door Lock Control 2	I	-
3	1.5	BK	2150	Ground	I	-
4	1.5	BN/YE	294	Door Lock Actuator Unlock Control	I	-
5	0.5	VT/GY	1303	Lift Gate Ajar Switch Signal 1	II	-
6	0.35	BN/VT	245	Passenger Door Lock Switch Unlock Control	II	-
7	0.35	WH/YE	7557	LED Ambient Lighting Control 1	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	II	-
10	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-
11 - 14	-	-	-	Not Occupied	-	-
15	0.5	YE/BU	5797	Rear Closure Handle Switch Open Signal	II	-
16	0.5	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	II	-
17 - 21	-	-	-	Not Occupied	-	-
22	0.35	YE/VT	244	Passenger Door Lock Switch Lock Control	II	-
23	-	-	-	Not Occupied	-	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
25	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
26 - 27	-	-	-	Not Occupied	-	-

K9 BODY CONTROL MODULE X7

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13882854
- Service Connector: 13581578
- Description: 26-Way F 0.64, 2.8 Series (GY)

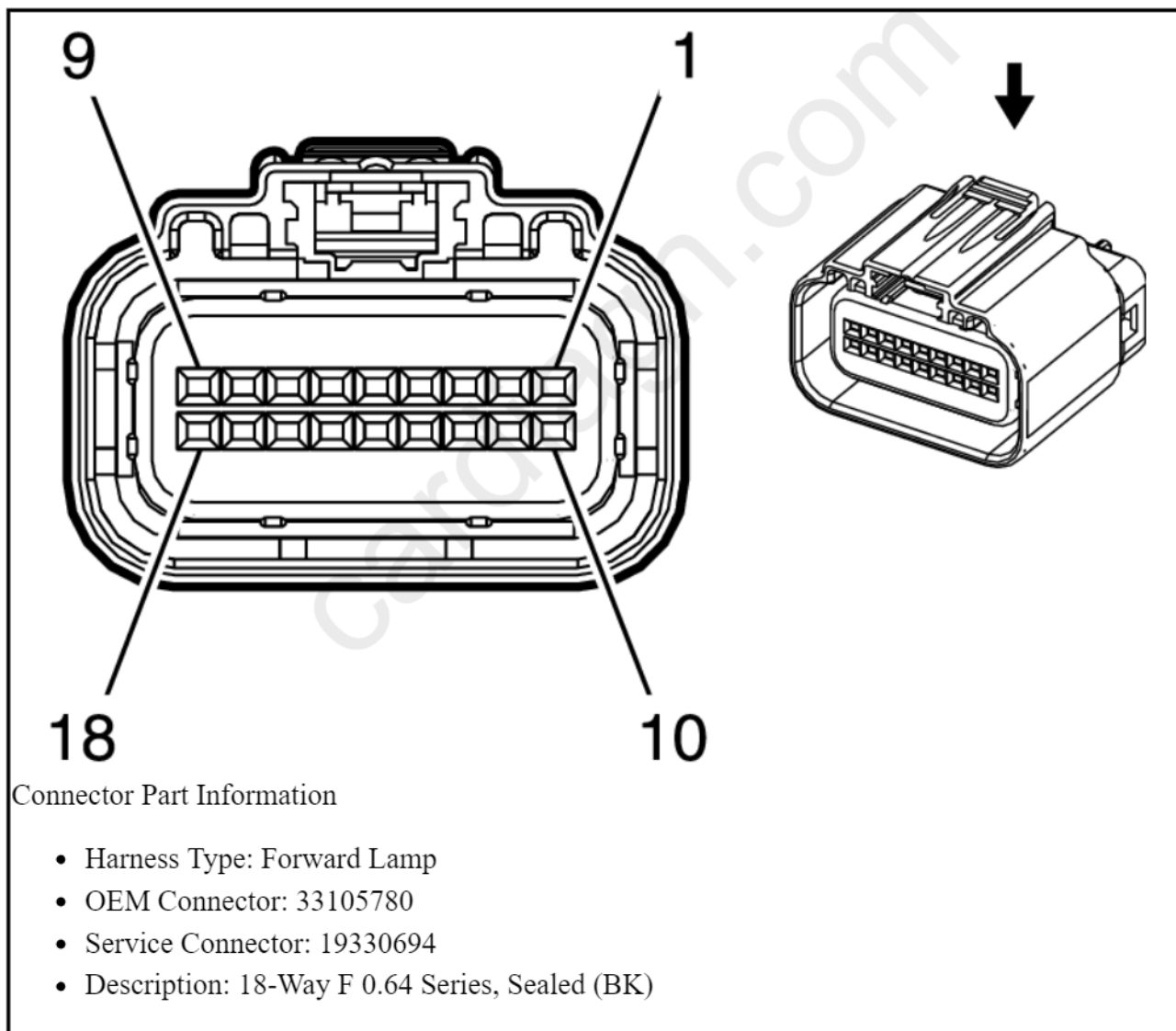
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	157	Interior Lamp Control	III	-
2	0.5	GN/WH	24	Backup Lamp Control	I	-
3	0.5	WH/BN	6815	Inadvertent Power Control	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	YE/WH	816	Brake Transmission Shift Interlock Solenoid Control	II	-
7	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	II	-
8	0.35	GY/GN	5996	Driver Outside Rear View Mirror Puddle Lamp Control	II	-
9	0.35	YE	6817	LED Backlight Dimming Control	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	BN/WH	3269	Child Security Lock Motor Status Signal Left Rear	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.13	WH	5905	Key Capture/Column Lock Shift Position Signal	II	-
14	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	II	-
15	-	-	-	Not Occupied	-	-
16	0.35	VT/BU	3263	Logistic Mode Relay Open Control	II	-
17	-	-	-	Not Occupied	-	-
18	0.35	GY/BK	3268	Child Security Lock Motor Status Signal Right Rear	II	-
19	0.13	GY	156	Courtesy Lamp Switch Signal	II	-
20 - 24	-	-	-	Not Occupied	-	-
25	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	II	-
26	-	-	-	Not Occupied	-	-

K14 DISTANCE SENSING CRUISE CONTROL MODULE

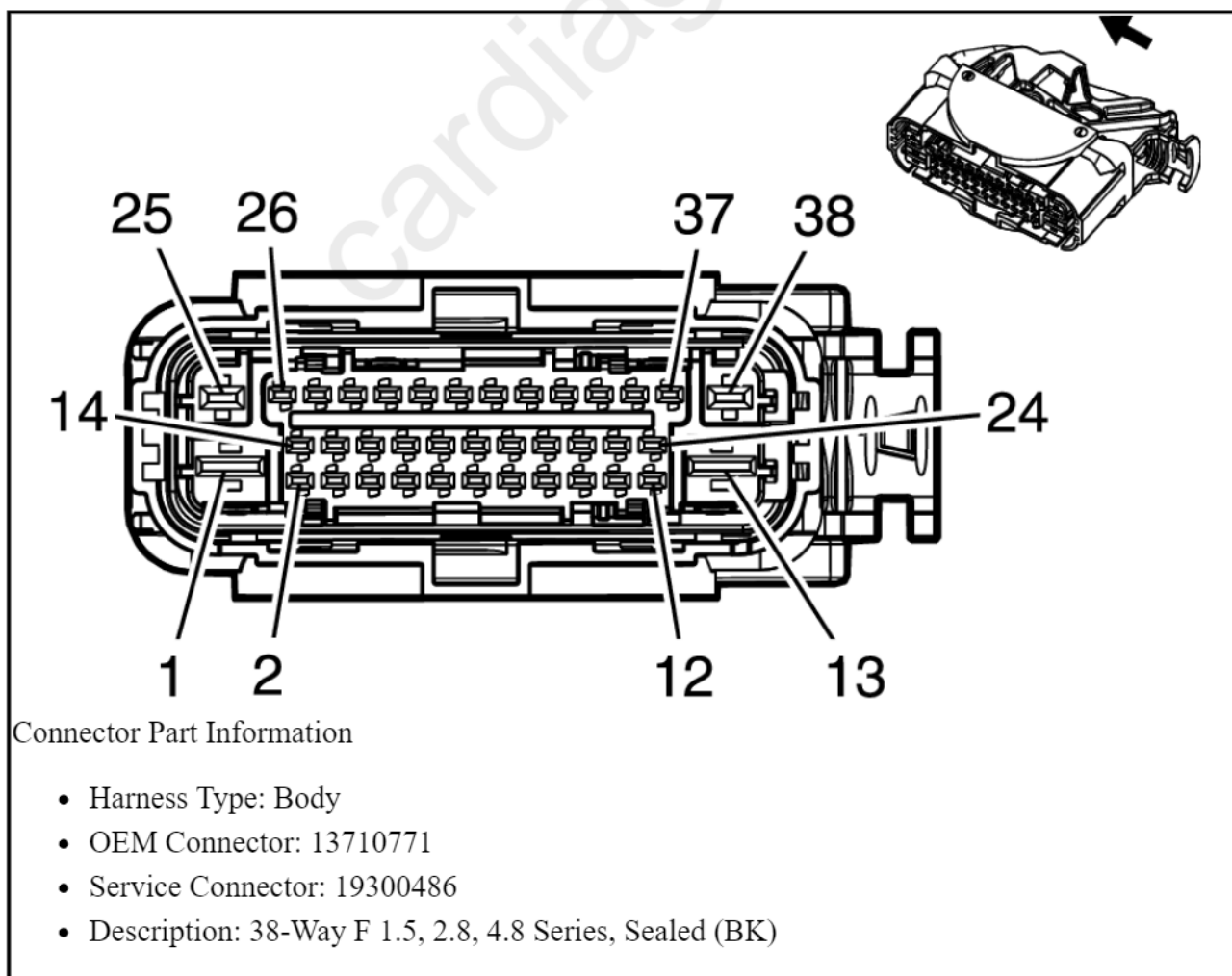


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300608	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/BU	840	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	1150	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
6	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
8	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
15	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
16	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
17	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
18	-	-	-	Not Occupied	-	-

K17 ELECTRONIC BRAKE CONTROL MODULE



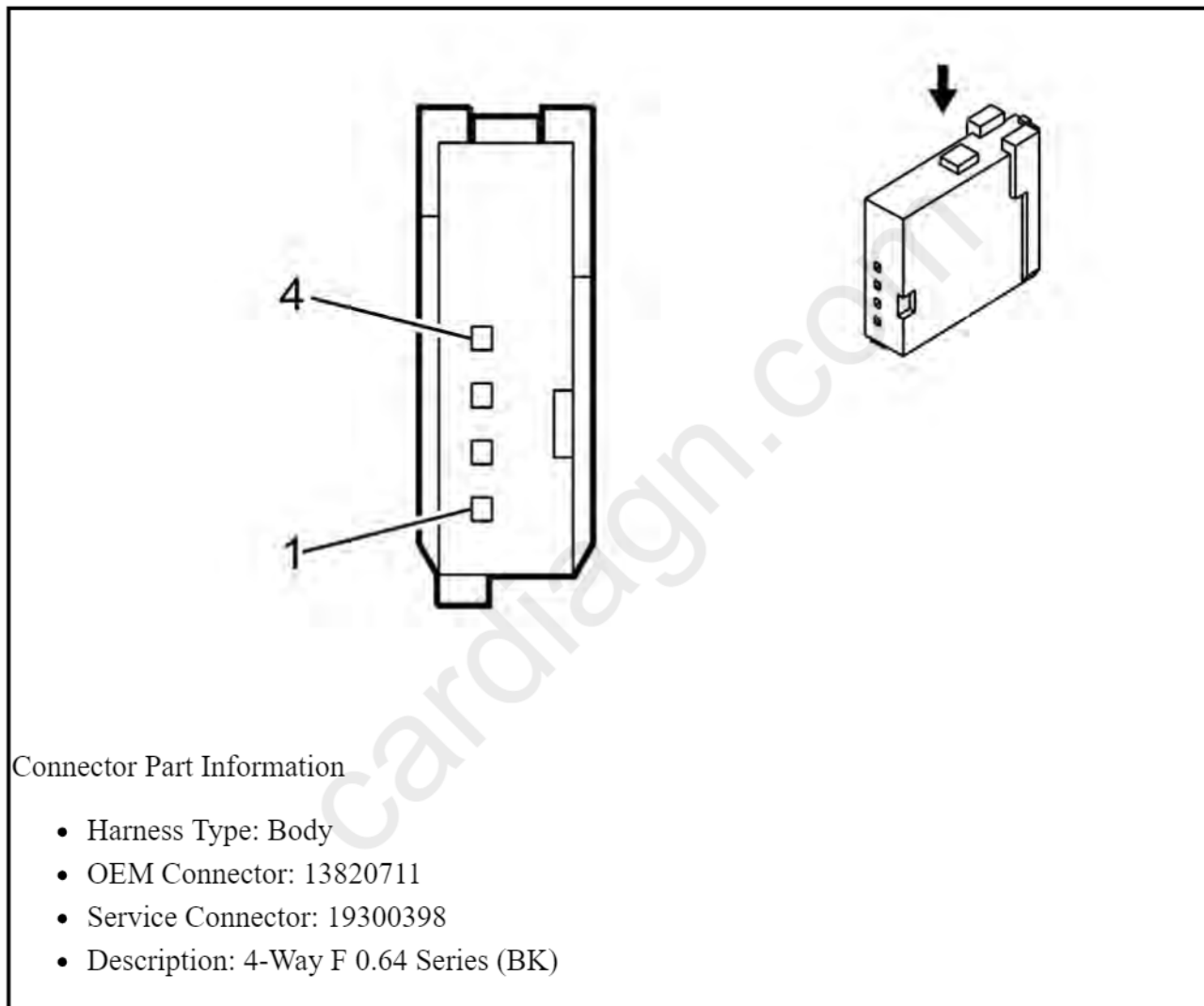
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578852	J-35616-40 (BU)	J-38125-561	Not Available	Not Available	Not Available	Not Available
II	13578853	J-35616-35 (VT)	J-38125-561	Not Available	Not Available	Not Available	Not Available
III	13584537	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/YE	442	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	III	-
4	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	III	-
5	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
6	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
7	-	-	-	Not Occupied	-	-
8	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
9	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
10	0.35	GY/BN	7065	Wheel Speed Sensor Control Right Front	III	-
11	0.35	YE	872	Wheel Speed Sensor Signal Right Front	III	-
12	-	-	-	Not Occupied	-	-
13	4	BK	1450	Ground	I	-
14 - 16	-	-	-	Not Occupied	-	-
17	0.35	BK/BN	6045	Steering Angle Sensor Low Reference	III	-
18	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	III	-
19	0.5	BN	6305	Brake Vacuum Switch Signal	III	-
20	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
21	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
22 - 23	-	-	-	Not Occupied	-	-
24	0.5	BK/YE	6032	Brake Vacuum Sensor Low Reference	III	-
25	1.5	RD/GY	1042	Battery Positive Voltage	II	-
26 - 27	-	-	-	Not Occupied	-	-
28	0.35	WH/BU	5986	Serial Data Communication Enable	III	-
29	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	III	-
30	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	III	-
31	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
32	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	III	-
33	-	-	-	Not Occupied	-	-
34	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	III	-
35	0.35	GY/WH	7064	Wheel Speed Sensor Control Left Front	III	-
36	0.35	GY	830	Wheel Speed Sensor Signal Left Front	III	-
37	-	-	-	Not Occupied	-	-
38	1.5	BK	1450	Ground	II	-

K18 COMPASS MODULE



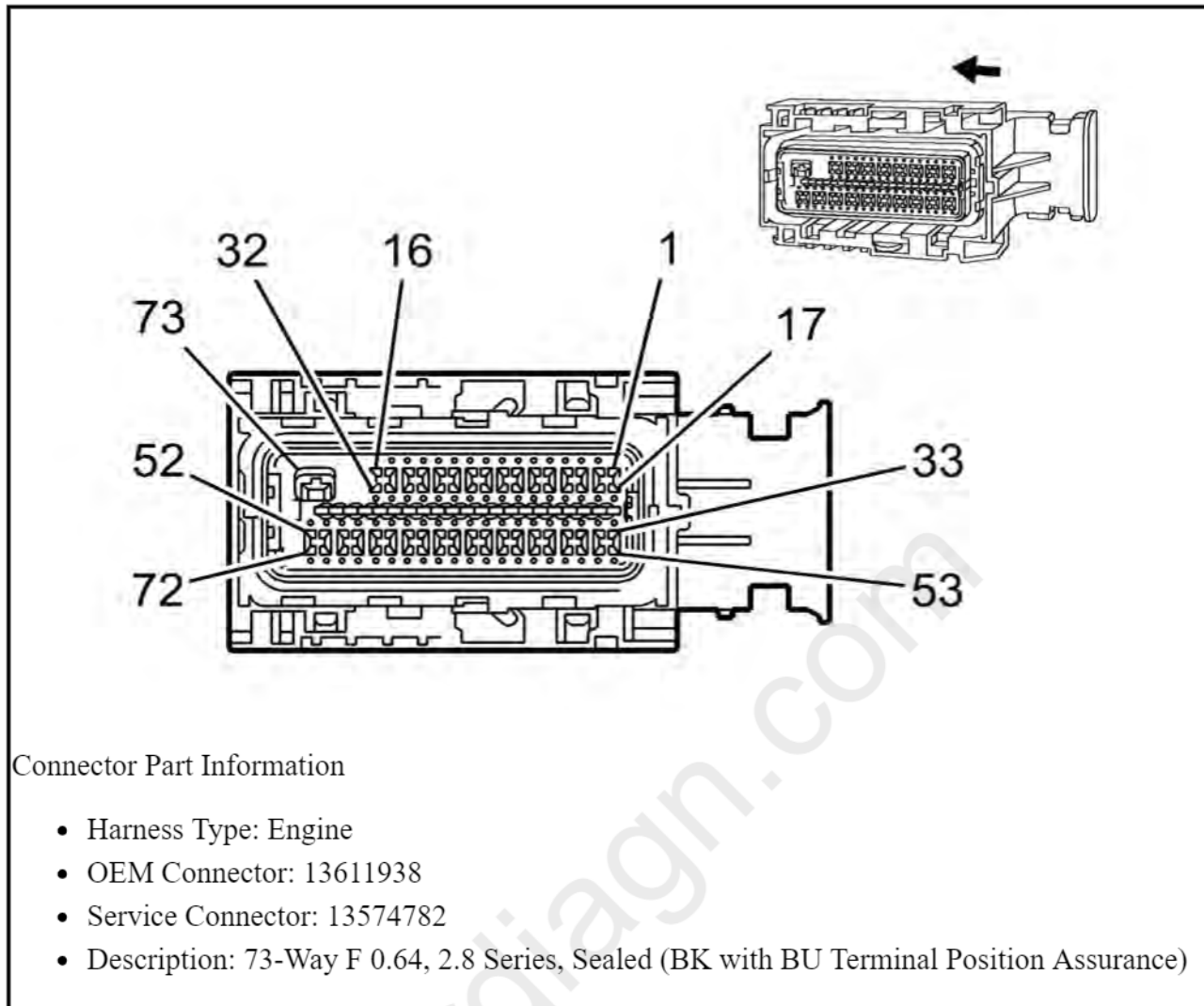
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	BN	5486	Run Relay Coil Control	I	-
2	0.75	BK	2350	Ground	I	-
3	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-

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

K20 ENGINE CONTROL MODULE X1 (LCV)



Terminal Part Information

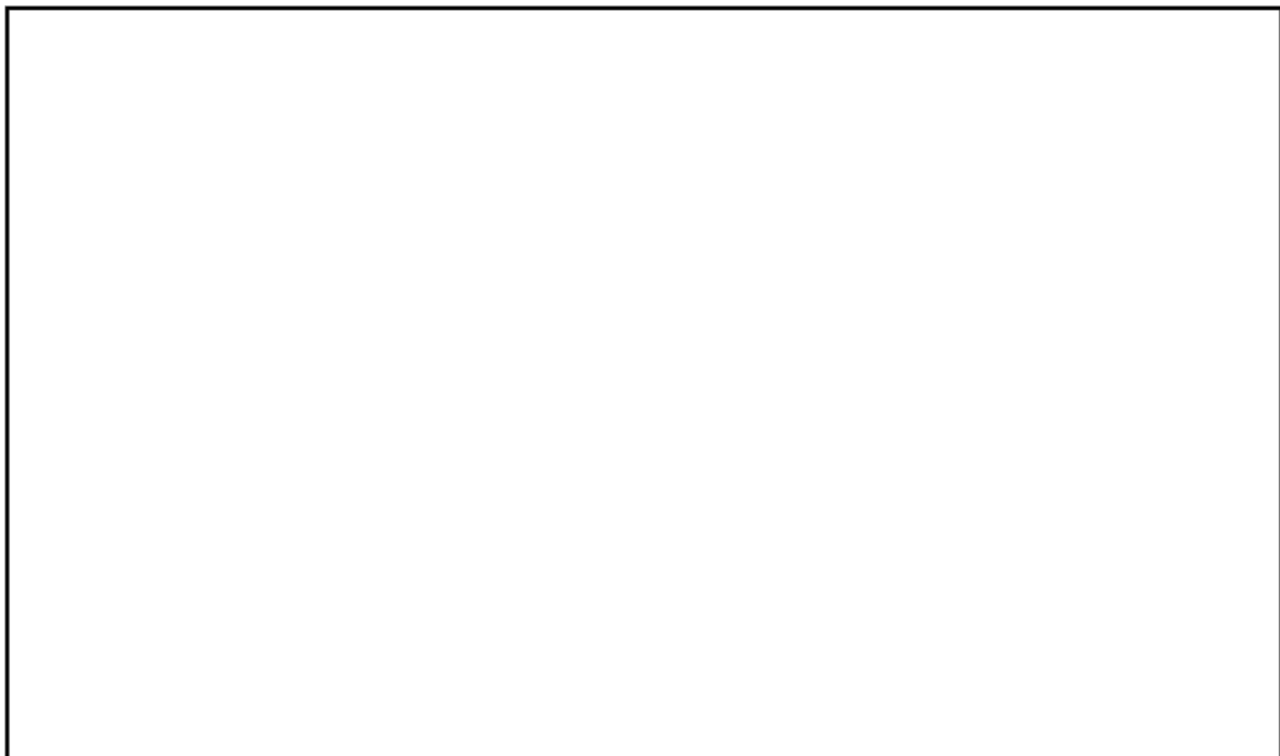
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D

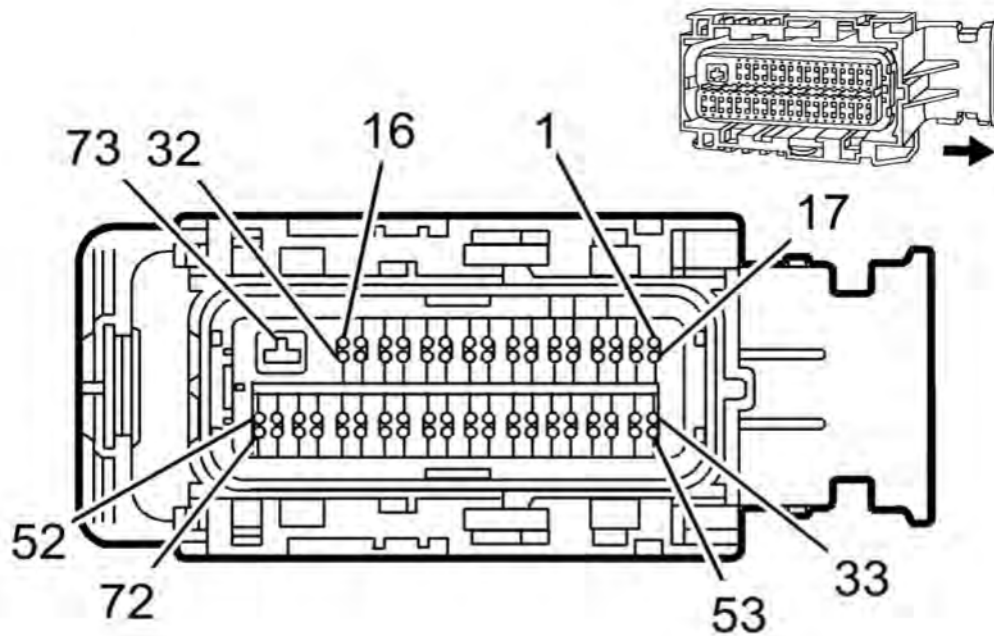
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/YE	6032	Brake Vacuum Sensor Low Reference	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	YE/WH	3200	Throttle Inlet Absolute Pressure Sensor Signal	I	-
5	0.5	WH/RD	3201	Throttle Inlet Absolute Pressure Sensor 5V Reference	I	-
6	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	I	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-
15	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
16	-	-	-	Not Occupied	-	-
17	0.5	YE/RD	6031	Brake Vacuum Sensor 5V Reference	I	-
18	0.5	VT/RD	2965	High Voltage Battery Current Sensor Voltage Reference	I	-
19	0.5	BK/GY	2963	High Voltage Battery Current Sensor Low Reference	I	-
20	-	-	-	Not Occupied	-	-
21	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
22	0.5	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
26	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
27 - 29	-	-	-	Not Occupied	-	-
30	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
31	-	-	-	Not Occupied	-	-
32	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	I	-
33	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
34	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	I	-
35 - 38	-	-	-	Not Occupied	-	-
39	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
40	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
41	-	-	-	Not Occupied	-	-
42	0.5	BN/YE	473	High Speed Cooling Fan Relay Control	I	-
43	-	-	-	Not Occupied	-	-
44	0.5	GN/GY	465	Fuel Pump Primary Relay Control	I	-
45	-	-	-	Not Occupied	-	-
46	0.5	BN/WH	419	Check Engine Indicator Control	I	-
47	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
48	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
49	0.5 0.5	YE/BU BN	4161 25	Transmission Auxiliary Pump Relay Control Charge Indicator Control	I I	KL9 -KL9
50	-	-	-	Not Occupied	-	-
51	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	I	-
52	0.5	RD/BN	440	Battery Positive Voltage	I	-
53	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-
54 - 56	-	-	-	Not Occupied	-	-
57	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	I	-
58	0.5	YE/VT	6030	Brake Vacuum Sensor Signal	I	-
59	0.5	GN/VT	335	Low Speed Cooling Fan Relay Control	I	-
60 - 61	-	-	-	Not Occupied	-	-
62	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-
63	0.5	YE/VT	4325	Starter Pinion Solenoid Relay Control	I	-
64 - 65	-	-	-	Not Occupied	-	-
66	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	-
67	-	-	-	Not Occupied	-	-
68	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-
69	-	-	-	Not Occupied	-	-
70	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
71	-	-	-	Not Occupied	-	-
72	0.5	YE	5991	Powertrain Relay Coil Control	I	-
73	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	II	-

K20 ENGINE CONTROL MODULE X2 (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15499466
- Service Connector: 88988931
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

Terminal Part Information

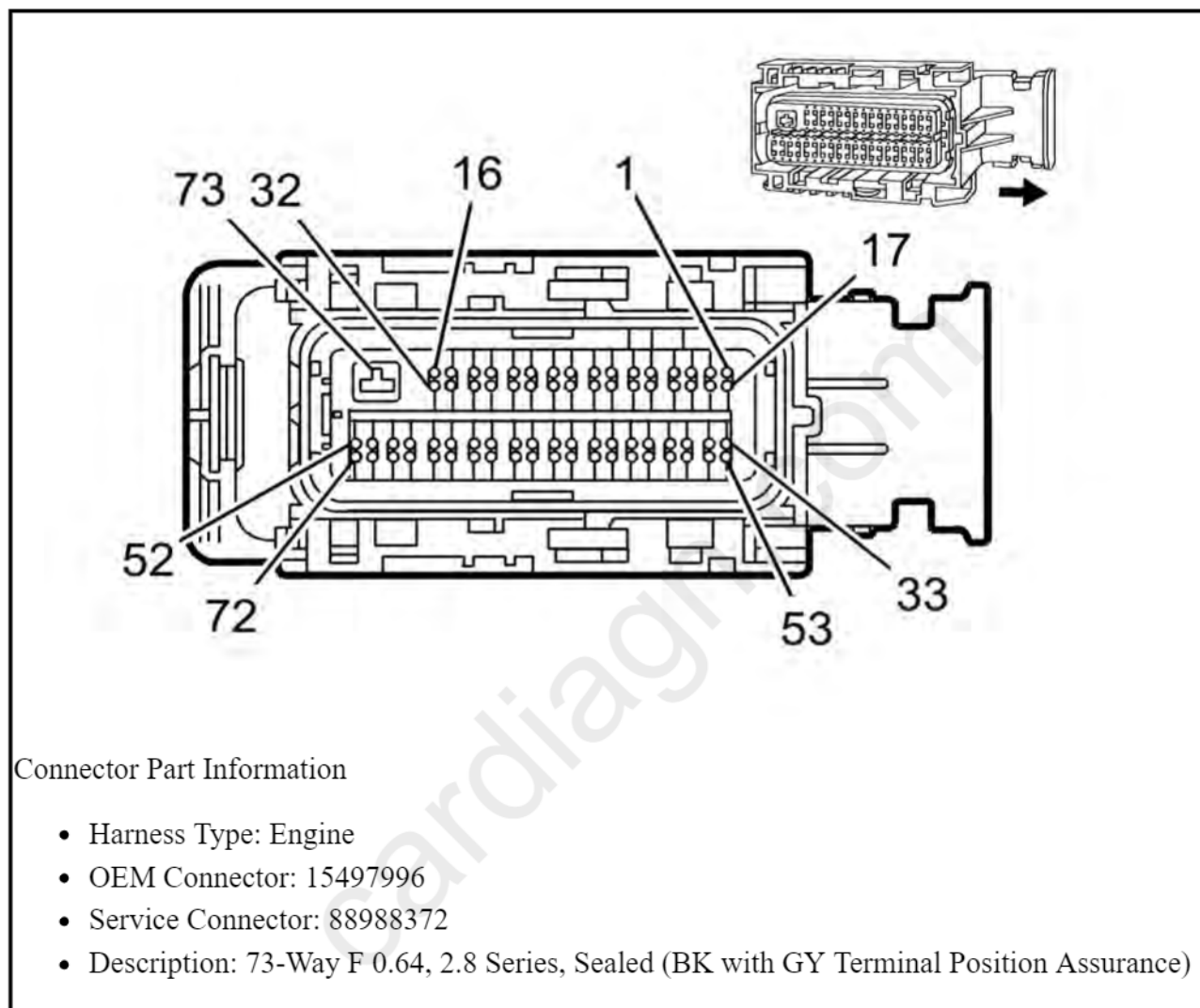
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
4 - 9	-	-	-	Not Occupied	-	-
10	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-
11	-	-	-	Not Occupied	-	-
12	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.5	BN/GY	4008	Humidity Sensor Signal	I	-
16	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
19	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
20 - 25	-	-	-	Not Occupied	-	-
26	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
27	-	-	-	Not Occupied	-	-
28	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
29 - 31	-	-	-	Not Occupied	-	-
32	0.5	YE	581	Throttle Actuator Control Open	I	-
33	0.5	BU/YE	2962	High Voltage Battery Current Sensor Course Signal	I	-
34	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
35	-	-	-	Not Occupied	-	-
36	0.75	VT/GY	496	Knock Sensor Signal 1	I	-
37	0.75	WH/GY	1876	Knock Sensor Signal 2	I	-
38 - 39	-	-	-	Not Occupied	-	-
40	0.5	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
41	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
42	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
43	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-
44	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
45 - 46	-	-	-	Not Occupied	-	-
47	0.5	GY	5127	After Boil Heater Relay Control	I	-
48	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	I	-
49	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
50	-	-	-	Not Occupied	-	-
51	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-
52	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-
53	0.5	BN	25	Charge Indicator Control	I	-
54	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
55	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
56	0.75	BK/YE	1716	Knock Sensor Low Reference 1	I	-
57	0.75	BK/GY	2303	Knock Sensor Low Reference 2	I	-
58	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-
59	0.5	BU	179	Oil Pump Command Signal	I	-
60	0.5	BN/GN	1174	Oil Level Switch Signal	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
64 - 68	-	-	-	Not Occupied	-	-
69	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	-
70	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
71 - 72	-	-	-	Not Occupied	-	-
73	2.5	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X3 (LCV)



Terminal Part Information

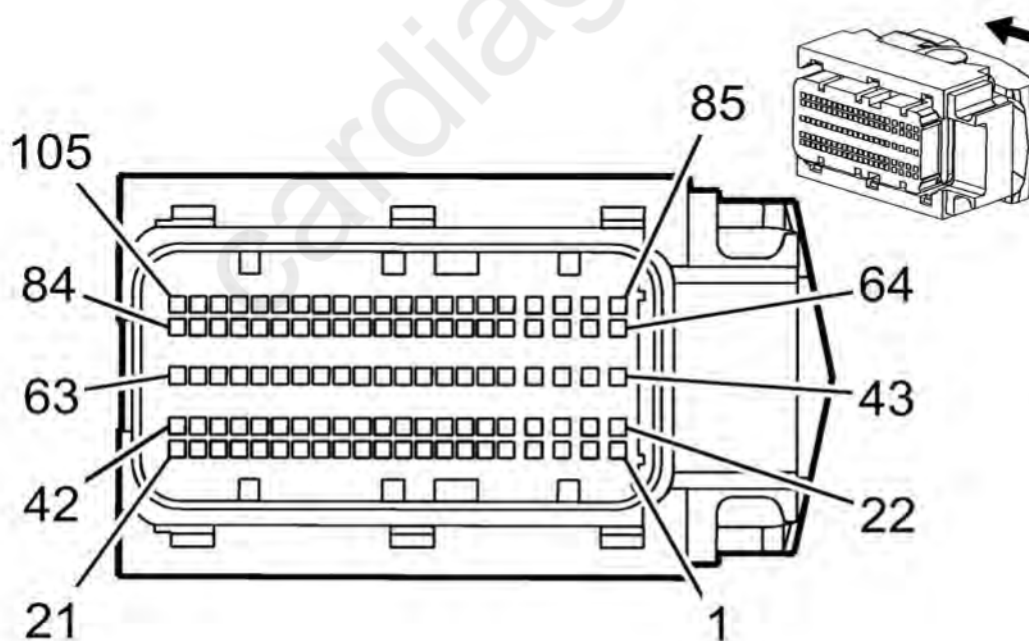
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BN	331	Oil Pressure Sensor Signal	I	-
2	0.5	WH/RD	596	5V Reference	I	-
3 - 6	-	-	-	Not Occupied	-	-
7	0.5	YE	5530	Hood Open Switch Signal	I	-
8	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	-	-	-	Not Occupied	-	-
10	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
11 - 15	-	-	-	Not Occupied	-	-
16	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-
17	0.5	BK/VT	470	Sensor Low Reference	I	-
18 - 22	-	-	-	Not Occupied	-	-
23	0.5	BK/VT	470	Sensor Low Reference	I	-
24	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-
25	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
26	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-
27	0.5	BU/WH	2122	Ignition Control 2	I	-
28	0.5	YE/BU	2124	Ignition Control 4	I	-
29	0.5	GN/BU	2123	Ignition Control 3	I	-
30	0.5	BU/VT	2121	Ignition Control 1	I	-
31	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
32	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-
33	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
34	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
35	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-
36 - 38	-	-	-	Not Occupied	-	-
39	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
40	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
41 - 42	-	-	-	Not Occupied	-	-
43	0.5	WH/GY	4578	Surge Accumulator Solenoid Low Side Control	I	-
44 - 45	-	-	-	Not Occupied	-	-
46	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
47	-	-	-	Not Occupied	-	-
48	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
49	-	-	-	Not Occupied	-	-
50	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
51	-	-	-	Not Occupied	-	-
52	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
53	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
54	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
55	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
56 - 58	-	-	-	Not Occupied	-	-
59	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-
60	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-
61 - 65	-	-	-	Not Occupied	-	-
66	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-
67	-	-	-	Not Occupied	-	-
68	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-
69	-	-	-	Not Occupied	-	-
70	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-
71	-	-	-	Not Occupied	-	-
72	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-
73	2.5	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X1 (LFR)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13776126
- Service Connector: 19330818
- Description: 105-Way F 1.2 Series, Sealed (BK)

Terminal Part Information

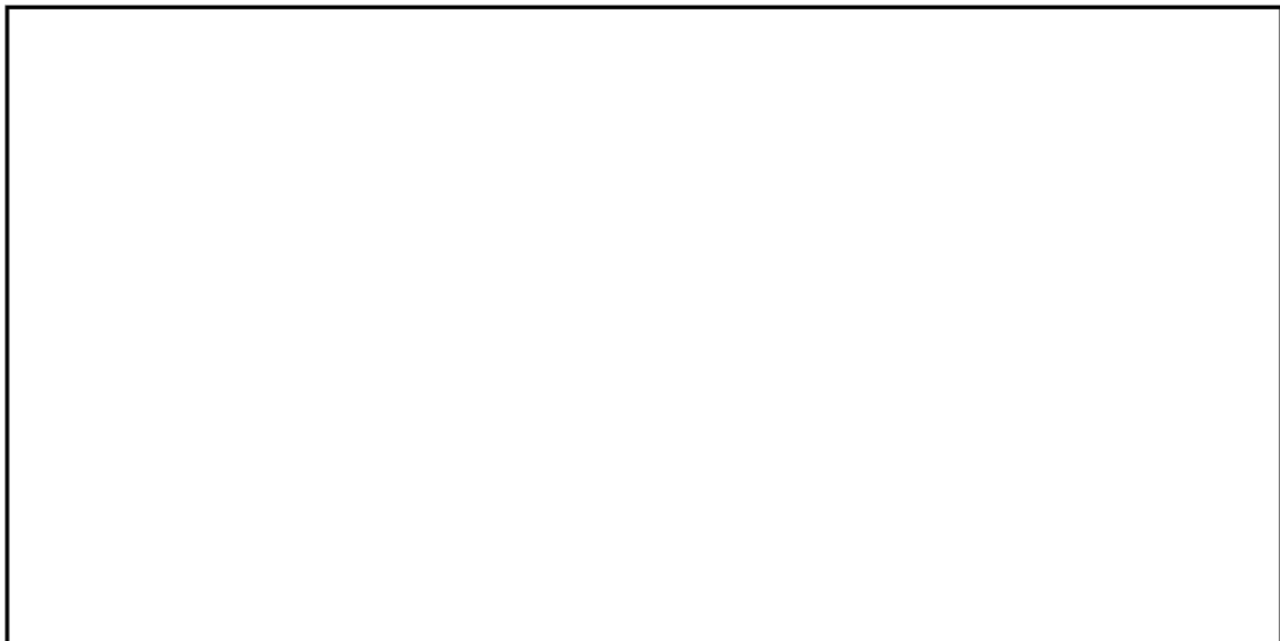
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330822	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

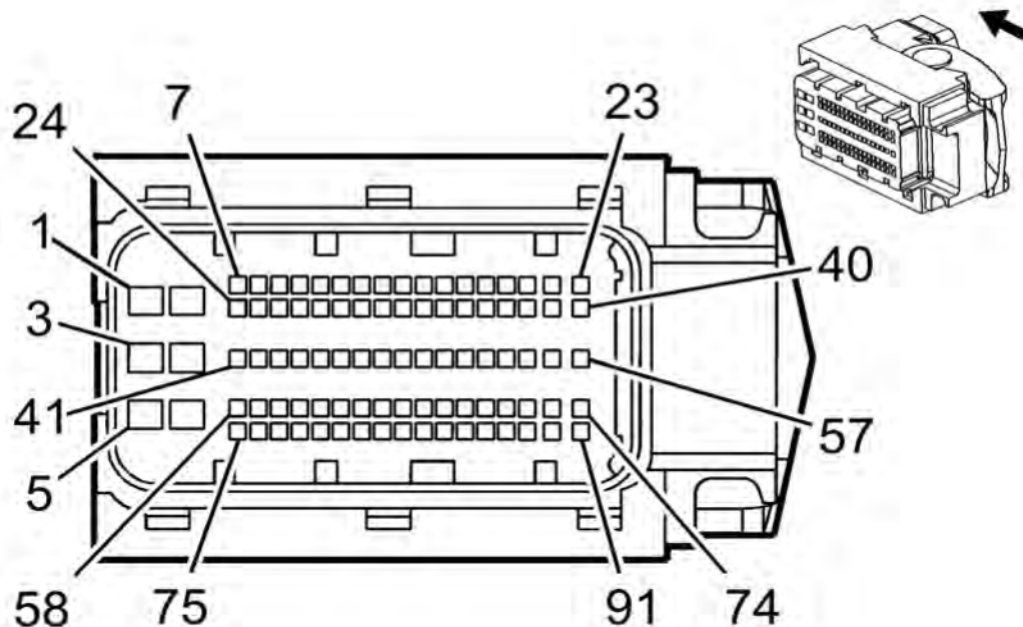
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-
4 - 8	-	-	-	Not Occupied	-	-
9	0.75	YE/BU	5628	Alternative Fuel Injector Control 6	I	-
10	0.75	BN/GN	845	Fuel Injector Control 5	I	-
11	0.75	YE/BU	5628	Alternative Fuel Injector Control 6	I	-
12	0.5	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	-
13	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
14	-	-	-	Not Occupied	-	-
15	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
16	0.5	BU/BN	5632	Alternative Fuel Tank Temperature Signal	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	BN/BU	486	Throttle Position Sensor Signal 2	I	-
19 - 20	-	-	-	Not Occupied	-	-
21	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
22	0.5	BK/BU	6755	Cam Phaser Y Low Reference	I	-
23	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-
24	0.75	YE	5624	Alternative Fuel Injector Control 2	I	-
25 - 27	-	-	-	Not Occupied	-	-
28	0.5	BU/GY	2125	Ignition Control 5	I	-
29	-	-	-	Not Occupied	-	-
30	0.75	BN/VT	1746	Fuel Injector Control 3	I	-
31	0.75	VT/BU	5625	Alternative Fuel Injector Control 3	I	-
32	0.75	BN/BU	846	Fuel Injector Control 6	I	-
33	0.75	GY/GN	5627	Alternative Fuel Injector Control 5	I	-
34	0.5	YE	5276	Camshaft Position Intake Sensor 2	I	-
35	0.5	YE/BU	231	Oil Pressure Switch Signal	I	-
36	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
37	0.5	BU	4111	Alternative Fuel/Gas Switch Signal	I	-
38	-	-	-	Not Occupied	-	-
39	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
40	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
41	0.5	BN/YE	2161	Fuel Rail Pressure Sensor 2 Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	GN/VT	4376	Alternative Fuel Pressure Regulator Control	I	-
44 - 45	-	-	-	Not Occupied	-	-
46	0.75	YE	5624	Alternative Fuel Injector Control 2	I	-
47 - 48	-	-	-	Not Occupied	-	-
49	0.5	BN	25	Charge Indicator Control	I	-
50	-	-	-	Not Occupied	-	-
51	0.5	BU/VT	2121	Ignition Control 1	I	-
52	0.5	GN/BU	2123	Ignition Control 3	I	-
53	0.5	VT/BU	5274	Camshaft Position Exhaust Sensor 2	I	-
54	0.75	GY/GN	5627	Alternative Fuel Injector Control 5	I	-
55	0.5	BN/GN	1174	Oil Level Switch Signal	I	-
56	-	-	-	Not Occupied	-	-
57	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
58	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
59	0.5	BN/GN	485	Throttle Position Sensor Signal 1	I	-
60	0.5	BK/BU	5631	Alternative Fuel Tank Sensor Low Reference	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BK/GN	4392	Alternative Fuel Tank Temperature Sensor Reference	I	-
64	-	-	-	Not Occupied	-	-
65	0.5	BN/GN	4389	Fuel Tank Purge Shut Off Valve Solenoid Control 1	I	-
66	0.5	YE	581	Throttle Actuator Control Open	I	-
67	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
68	-	-	-	Not Occupied	-	-
69	0.5	BN/BU	2126	Ignition Control 6	I	-
70 - 71	-	-	-	Not Occupied	-	-
72	0.5	BU/WH	2122	Ignition Control 2	I	-
73	0.5	YE/BU	2124	Ignition Control 4	I	-
74	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-
75	-	-	-	Not Occupied	-	-
76	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
77	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	I	-
78	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
79	0.5	VT/GY	496	Knock Sensor Signal 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
80	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-
81	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-
82	-	-	-	Not Occupied	-	-
83	0.5	VT/RD	5634	Alternative Fuel Tank Sensor 5V Reference	I	-
84	-	-	-	Not Occupied	-	-
85	0.5	WH	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
86	-	-	-	Not Occupied	-	-
87	0.5	WH	469	Manifold Absolute Pressure Sensor Low Reference	I	-
88	0.5	WH	432	Manifold Absolute Pressure Sensor Signal	I	-
89 - 92	-	-	-	Not Occupied	-	-
93	0.5	BK/GY	6756	Cam Phaser Z Low Reference	I	-
94	0.75	VT/BU	5625	Alternative Fuel Injector Control 3	I	-
95	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-
96	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
97	-	-	-	Not Occupied	-	-
98	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	I	-
99	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
100	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-
101	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
102	0.5	GN/GY	5633	Alternative Fuel Tank Pressure Signal	I	-
103	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-
104 - 105	-	-	-	Not Occupied	-	-

K20 ENGINE CONTROL MODULE X2 (LFR)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13776125
- Service Connector: 19330819
- Description: 91-Way F 1.2, 2.8 Series, Sealed (BK)

Terminal Part Information

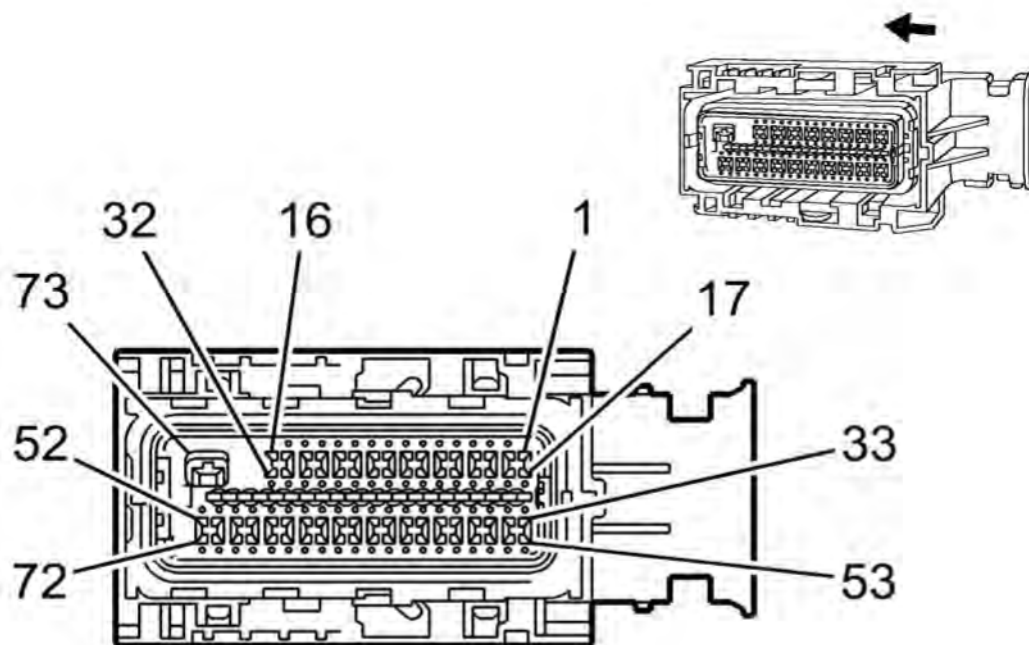
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578853	J-35616-35 (VT)	J-38125-561	Not Available	Not Available	Not Available	Not Available
II	19330822	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BK/WH	451	Signal Ground	I	-
2	2.5	BK/WH	451	Signal Ground	I	-
3	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
4	2.5	BK/WH	451	Signal Ground	I	-
5	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
6	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-
7 - 12	-	-	-	Not Occupied	-	-
13	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	II	-
14	0.5	BN	25	Charge Indicator Control	II	-
15	-	-	-	Not Occupied	-	-
16	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	II	-
17	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
18	0.5	GN	4110	CNG/Gas Indicator Control	II	-
19	-	-	-	Not Occupied	-	-
20	0.75	BN	5626	Alternative Fuel Injector Control 4	II	-
21	-	-	-	Not Occupied	-	-
22	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	II	-
23	0.5	WH	1310	EVAP Canister Vent Solenoid Control	II	-
24 - 29	-	-	-	Not Occupied	-	-
30	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	II	-
31	0.5	BK/YE	5382	Brake Position Sensor Low Reference	II	-
32 - 33	-	-	-	Not Occupied	-	-
34	0.5	WH/GN	5380	Brake Position Sensor Signal	II	-
35	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	II	-
36	0.75	WH/BN	5623	Alternative Fuel Injector Control 1	II	-
37	-	-	-	Not Occupied	-	-
38	0.75	BN/YE	844	Fuel Injector Control 4	II	-
39	-	-	-	Not Occupied	-	-
40	0.75	GN/YE	1744	Fuel Injector Control 1	II	-
41	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	II	-
42	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	II	-
43	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	II	-
44	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	II	-
45	0.5	BK/GN	2162	Fuel Rail Pressure Sensor 2 Low Reference	II	-
46	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	II	-
47 - 48	-	-	-	Not Occupied	-	-
49	0.5	VT/YE	5985	Accessory Wakeup Serial Data	II	-
50	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	II	-
51	-	-	-	Not Occupied	-	-
52	0.5	GN/WH	492	Mass Air Flow Sensor Signal	II	-
53	0.5	YE/BK	625	Starter Enable Relay Control	II	-
54	0.5	BN/WH	419	Check Engine Indicator Control	II	-
55	0.75	BN	5626	Alternative Fuel Injector Control 4	II	-
56	0.5	BN/YE	473	High Speed Cooling Fan Relay Control	II	-
57	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	II	-
58	0.5	VT/GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
59	-	-	-	Not Occupied	-	-
60	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	II	-
61	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	II	-
62	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
63	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
64	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	II	-
65	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	II	-
66	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	II	-
67	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	II	-
68	-	-	-	Not Occupied	-	-
69	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	II	-
70	-	-	-	Not Occupied	-	-
71	0.5	GN/VT	335	Low Speed Cooling Fan Relay Control	II	-
72	0.75	WH/BN	5623	Alternative Fuel Injector Control 1	II	-
73	0.75	YE/WH	1745	Fuel Injector Control 2	II	-
74	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	II	-
75	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	II	-
76	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	II	-
77 - 80	-	-	-	Not Occupied	-	-
81	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	II	-
82	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	II	-
83	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	II	-
84	-	-	-	Not Occupied	-	-
85	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	II	-
86	0.5	RD/BN	440	Battery Positive Voltage	II	-
87	0.5	YE	5991	Powertrain Relay Coil Control	II	-
88	-	-	-	Not Occupied	-	-
89	0.5	GN/GY	465	Fuel Pump Primary Relay Control	II	-
90	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	II	-
91	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	II	-

K20 ENGINE CONTROL MODULE X1 (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15504570
- Service Connector: 13574782
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BU Terminal Position Assurance)

Terminal Part Information

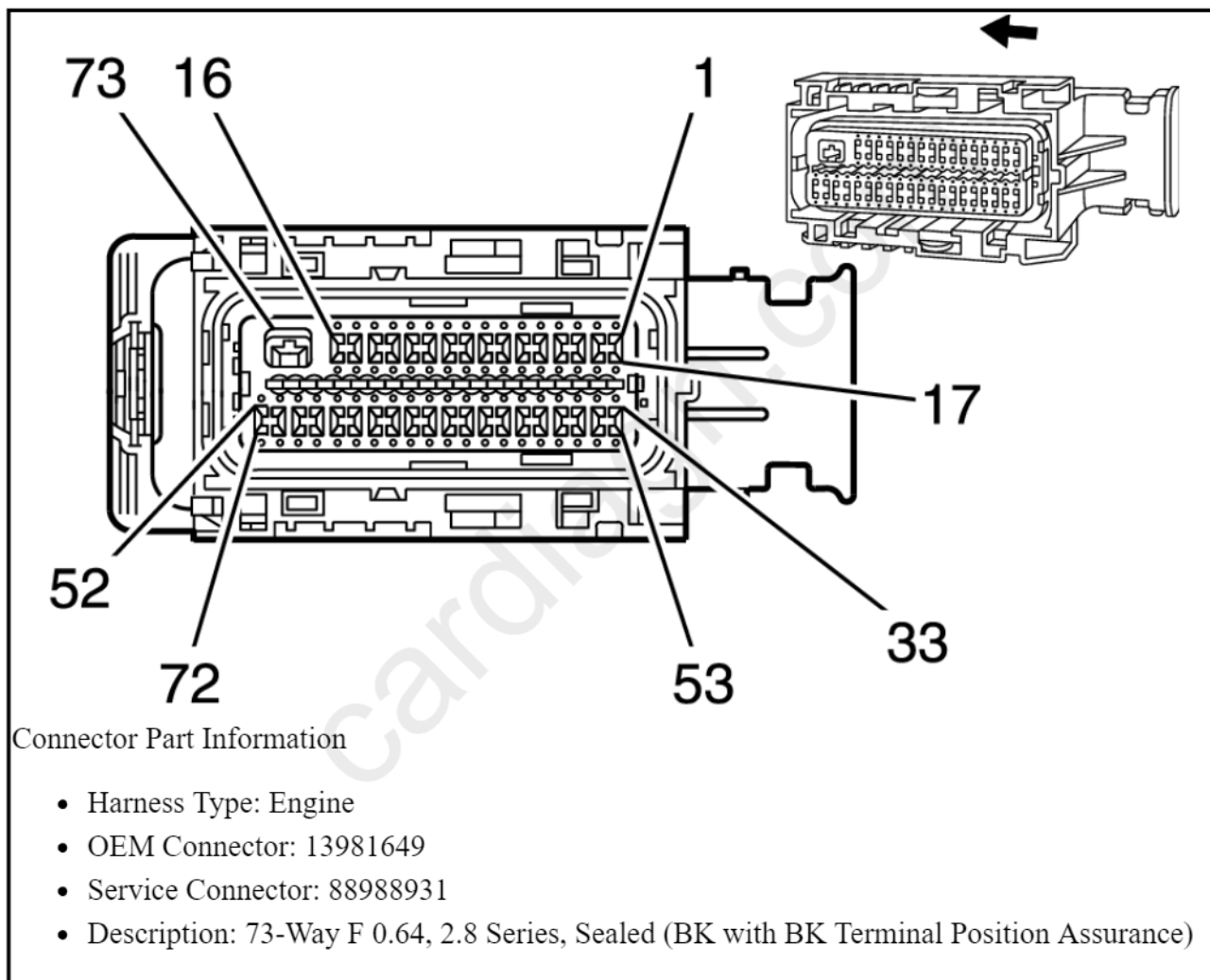
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579770	J-35616-4A (PU)	J-38125-11A	7116-4152-02	Yazaki 9	A	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.5	YE/WH	3200	Throttle Inlet Absolute Pressure Sensor Signal	I	-
5	0.5	WH/RD	3201	Throttle Inlet Absolute Pressure Sensor 5V Reference	I	-
6	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.5	BU/WH	890	Fuel Tank Pressure Sensor Signal	I	-
10	0.5	YE/RD	2709	Fuel Tank Pressure Sensor 5V Reference	I	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-
15	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
16 - 20	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
21	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
22	0.5	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	-
23 - 24	-	-	-	Not Occupied	-	-
25	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
26	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
27 - 29	-	-	-	Not Occupied	-	-
30	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
31	-	-	-	Not Occupied	-	-
32	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	I	-
33	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
34	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	I	-
35 - 37	-	-	-	Not Occupied	-	-
38	0.5	WH	1579	Fuel Temperature/Composition Signal	I	-
39	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
40	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
41	-	-	-	Not Occupied	-	-
42	0.5	BN/YE	473	High Speed Cooling Fan Relay Control	I	-
43	-	-	-	Not Occupied	-	-
44	0.5	GN/GY	465	Fuel Pump Primary Relay Control	I	-
45	-	-	-	Not Occupied	-	-
46	0.5	BN/WH	419	Check Engine Indicator Control	I	-
47	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
48	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-
49 - 50	-	-	-	Not Occupied	-	-
51	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	I	-
52	0.5	RD/BN	440	Battery Positive Voltage	I	-
53	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-
54 - 56	-	-	-	Not Occupied	-	-
57	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	I	-
58	-	-	-	Not Occupied	-	-
59	0.5	GN/VT	335	Low Speed Cooling Fan Relay Control	I	-
60 - 61	-	-	-	Not Occupied	-	-
62	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-
63	0.5	YE/BK	625	Starter Enable Relay Control	I	-
64 - 65	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
66	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	-
67	0.5	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-
68	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-
69	-	-	-	Not Occupied	-	-
70	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
71	-	-	-	Not Occupied	-	-
72	0.5	YE	5991	Powertrain Relay Coil Control	I	-
73	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	II	-

K20 ENGINE CONTROL MODULE X2 (LFX)



Terminal Part Information

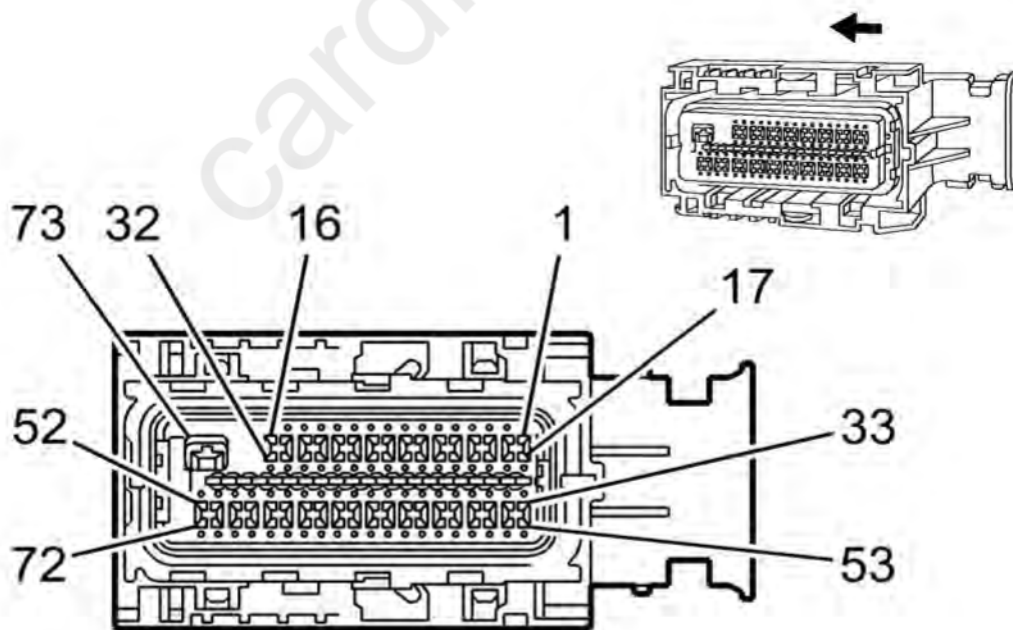
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579770	J-35616-4A (PU)	J-38125-11A	7116-4152-02	Yazaki 9	A	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.5	BK/GN	2919	Fuel Rail Pressure Sensor Low Reference	I	-
4 - 9	-	-	-	Not Occupied	-	-
10	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-
11	0.5	VT/WH	3210	Heated Oxygen Sensor High Signal Bank 2 Sensor 1	I	-
12	0.5	VT/BU	3120	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	I	-
13	0.5	VT/GN	3220	Heated Oxygen Sensor High Signal Bank 2 Sensor 2	I	-
14	-	-	-	Not Occupied	-	-
15	0.5	BN/GY	4008	Humidity Sensor Signal	I	-
16	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	BN/RD	2917	Fuel Rail Pressure Sensor 5V Reference	I	-
19	0.5	BU/WH	2918	Fuel Rail Pressure Sensor Signal	I	-
20 - 25	-	-	-	Not Occupied	-	-
26	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
27	0.5	YE/WH	3211	Heated Oxygen Sensor Low Signal Bank 2 Sensor 1	I	-
28	0.5	WH/YE	3121	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	I	-
29	0.5	YE/BU	3221	Heated Oxygen Sensor Low Signal Bank 2 Sensor 2	I	-
30 - 31	-	-	-	Not Occupied	-	-
32	0.5	YE	581	Throttle Actuator Control Open	I	-
33	-	-	-	Not Occupied	-	-
34	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
35	-	-	-	Not Occupied	-	-
36	0.5	VT/GY	496	Knock Sensor Signal 1	I	-
37	0.5	WH/GY	1876	Knock Sensor Signal 2	I	-
38 - 40	-	-	-	Not Occupied	-	-
41	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
42	0.5	GY/WH	3122	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	I	-
43	0.5	GN/WH	432	Manifold Absolute Pressure Sensor Signal	I	-
44	0.5	GY/RD	2704	Manifold Absolute Pressure Sensor 5V Reference	I	-
45 - 48	-	-	-	Not Occupied	-	-
49	0.5	WH/BU	6289	Induction Air Temperature Sensor Signal	I	-
50	-	-	-	Not Occupied	-	-
51	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-
52	0.5	GN/WH	492	Mass Air Flow Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
53	0.5	BN	25	Charge Indicator Control	I	-
54	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
55	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
56	0.5	BK/YE	1716	Knock Sensor Low Reference 1	I	-
57	0.5	BK/GY	2303	Knock Sensor Low Reference 2	I	-
58	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-
59	-	-	-	Not Occupied	-	-
60	0.5	BN/GN	1174	Oil Level Switch Signal	I	-
61	0.5	GN/YE	3212	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 1	I	-
62	0.5	WH/BN	3223	Heated Oxygen Sensor Heater Low Control Bank 2 Sensor 2	I	-
63	0.5	BK/GN	469	Manifold Absolute Pressure Sensor Low Reference	I	-
64 - 68	-	-	-	Not Occupied	-	-
69	0.5	BK/VT	2760	Intake Air Temperature Sensor Low Reference	I	-
70	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
71 - 72	-	-	-	Not Occupied	-	-
73	2.5	BK/WH	451	Signal Ground	II	-

K20 ENGINE CONTROL MODULE X3 (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13705684
- Service Connector: 88988372
- Description: 73-Way F 0.64, 2.8 Series, Sealed (GY with BK Case)

Terminal Part Information

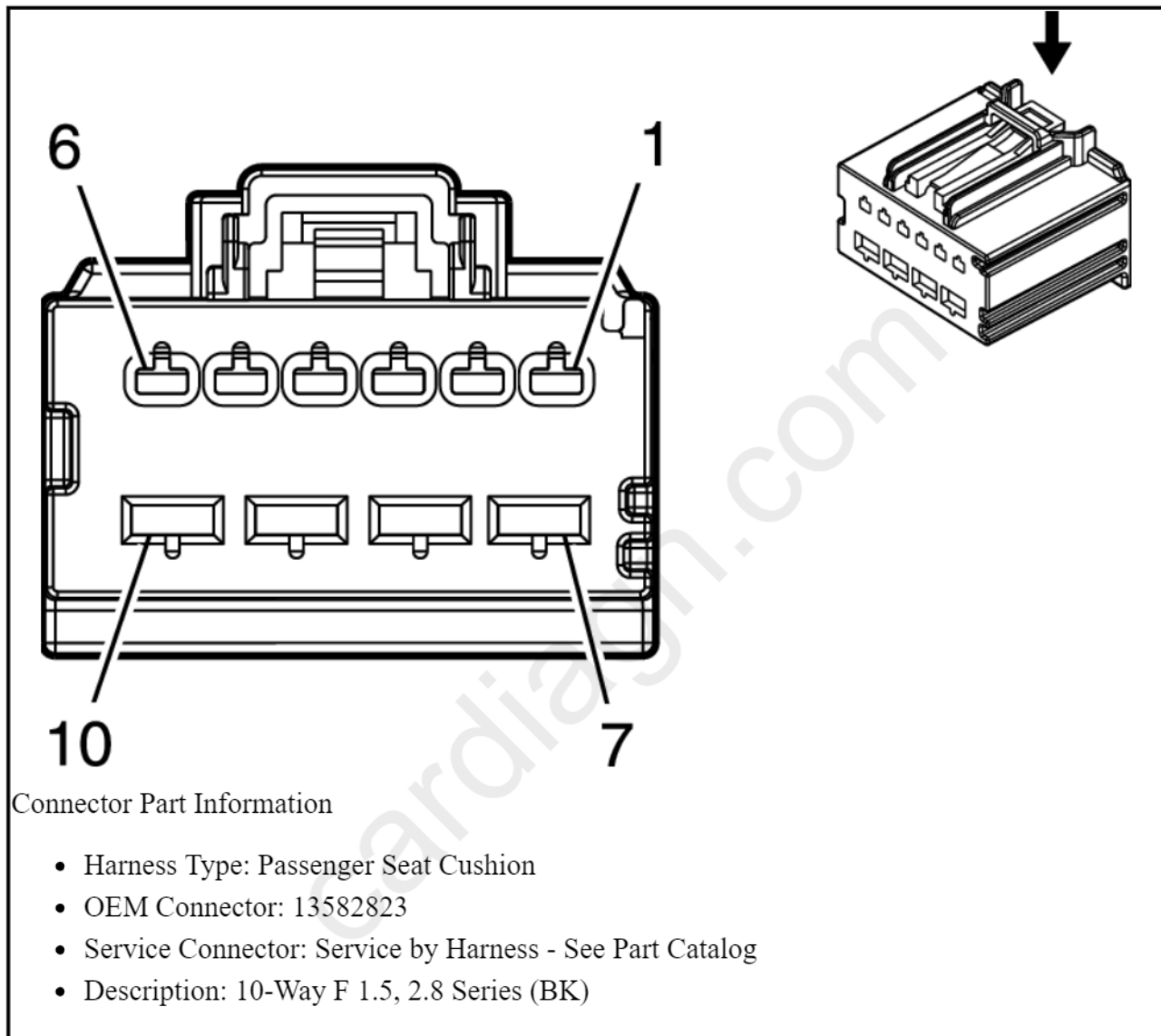
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	33467-0003	Delphi 23	J	J
II	13579770	J-35616-4A (PU)	J-38125-11A	7116-4152-02	Yazaki 9	A	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 7	-	-	-	Not Occupied	-	-
8	0.5	BU	410	Engine Coolant Temperature Sensor Signal	I	-
9	0.5	YE/BU	231	Oil Pressure Switch Signal	I	-
10	0.5	VT/BU	6270	Crankshaft 60X Sensor 5V Reference	I	-
11 - 12	-	-	-	Not Occupied	-	-
13	0.5	BN/BU	2126	Ignition Control 6	I	-
14	0.5	BU/GY	2125	Ignition Control 5	I	-
15	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
16	0.5	YE	7301	High Pressure Fuel Pump Actuator High - Control	I	-
17 - 23	-	-	-	Not Occupied	-	-
24	0.5	BK/BN	2761	Coolant Temperature Sensor Low Reference	I	-
25	0.5	BK/VT	6272	Crankshaft 60X Sensor Low Reference	I	-
26	0.5	GN	6271	Crankshaft 60X Sensor Signal	I	-
27	0.5	YE/BU	2124	Ignition Control 4	I	-
28	0.5	GN/BU	2123	Ignition Control 3	I	-
29	0.5	BU/WH	2122	Ignition Control 2	I	-
30	0.5	BU/VT	2121	Ignition Control 1	I	-
31	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
32	0.5	VT/BK	7300	High Pressure Fuel Pump Actuator Low - Control	I	-
33	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	-
34	0.5	GY/BU	5300	Camshaft Position Intake Sensor Control 1	I	-
35	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	-
36	0.5	YE	5276	Camshaft Position Intake Sensor 2	I	-
37	0.5	WH/BU	5302	Camshaft Position Intake Sensor Control 2	I	-
38	0.5	VT/BU	5274	Camshaft Position Exhaust Sensor 2	I	-
39	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
40	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
41	0.5	GN	5272	Camshaft Phaser Intake Solenoid 2	I	-
42	0.5	GN/BN	5283	Camshaft Phaser Exhaust Solenoid 2	I	-
43 - 45	-	-	-	Not Occupied	-	-
46	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
47	0.75	WH/GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	I	-
48	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
49	-	-	-	Not Occupied	-	-
50	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
51	0.75	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	I	-
52	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
53	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	-
54	0.5	GY/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	-
55	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	-
56	0.5	BK/VT	5303	Camshaft Position Intake Sensor Low Reference 2	I	-
57	0.5	GN/BN	5298	Camshaft Position Exhaust Sensor Control 2	I	-
58	0.5	BK/BN	5299	Camshaft Position Exhaust Sensor Low Reference 2	I	-
59	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-
60	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-
61	0.5	BK/BU	6755	Cam Phaser Y Low Reference	I	-
62	0.5	BK/GY	6756	Cam Phaser Z Low Reference	I	-
63 - 65	-	-	-	Not Occupied	-	-
66	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-
67	0.75	GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	I	-
68	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-
69	-	-	-	Not Occupied	-	-
70	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
71	0.75	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	I	-
72	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-
73	2.5	BK/WH	451	Signal Ground	II	-

K29F SEAT HEATING CONTROL MODULE - FRONT X1 (KA1)



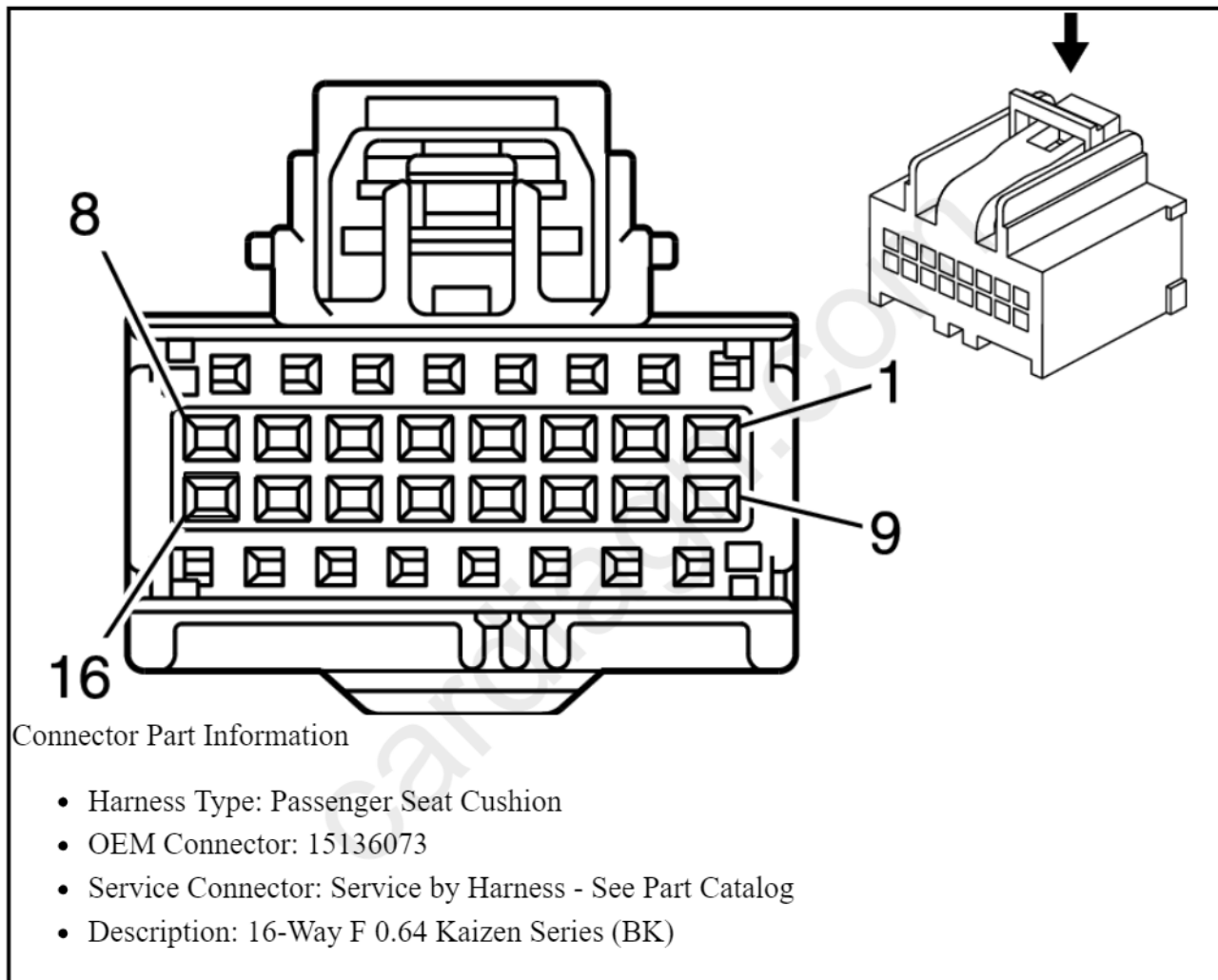
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
2	1.0	BN/BU	2479	Passenger Heated Seat Element Control	I	-
3	1.0	BU/BK	2433	Passenger Heated Back Element Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	1.0	VT/BK	2424	Driver Heated Back Element Low Reference	I	-
5	0.75	BN/VT	2077	Driver Heated Seat Element Control	I	-
6	1.0	BN/VT	2077	Driver Heated Seat Element Control	I	-
7	0.75	RD/YE	1442	Battery Positive Voltage	I	-
8	0.75	BK	2050	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	0.75	RD/GY	1342	Battery Positive Voltage	I	-

K29F SEAT HEATING CONTROL MODULE - FRONT X2 (KA1)



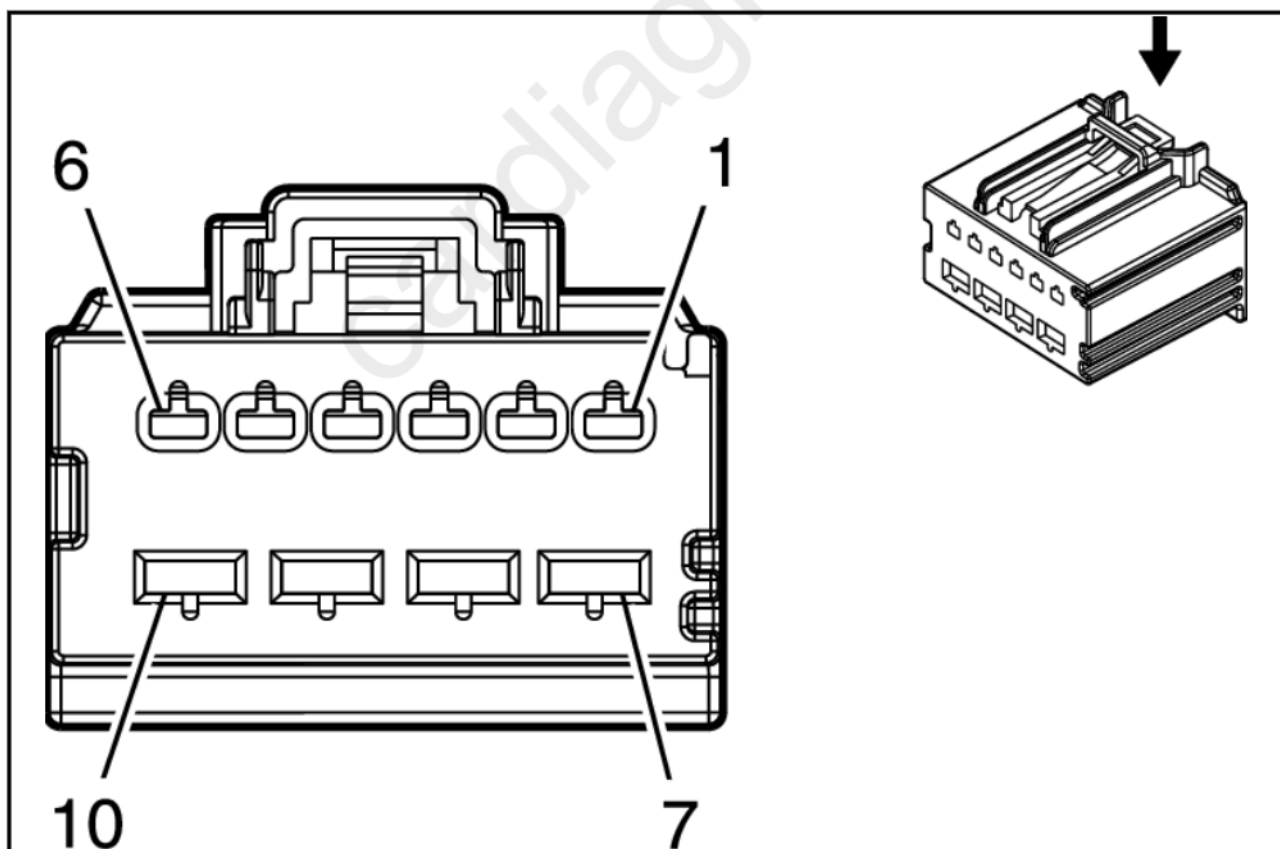
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/YE	2080	Driver Heated Seat NTC Low Reference	I	-
2	0.5	BK/GY	2482	Passenger Heated Back NTC Low Reference	I	KU1
	0.5	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	KU3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.5	BU	2425	Driver Heated Back NTC Signal	I	-
4	0.5	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
5	0.5	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-
6	0.5	YE/GY	2079	Driver Heated Seat NTC Signal	I	-
7	-	-	-	Not Occupied	-	-
8	0.75	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9	0.35	GN/VT	5906	Driver Seat Vent Motor Control 1	I	-
10	0.5	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	KU1
	0.5	WH	5906	Driver Seat Vent Motor Control 1	I	KU3
11	0.5	BK/VT	2426	Driver Heated Back NTC Low Reference	I	-
12	0.5	BK/GN	2482	Passenger Heated Back NTC Low Reference	I	KU1
	0.5	BK/GY	2482	Passenger Heated Back NTC Low Reference	I	KU3
13 - 16	-	-	-	Not Occupied	-	-

K29R SEAT HEATING CONTROL MODULE - REAR X1 (KA6)



Connector Part Information

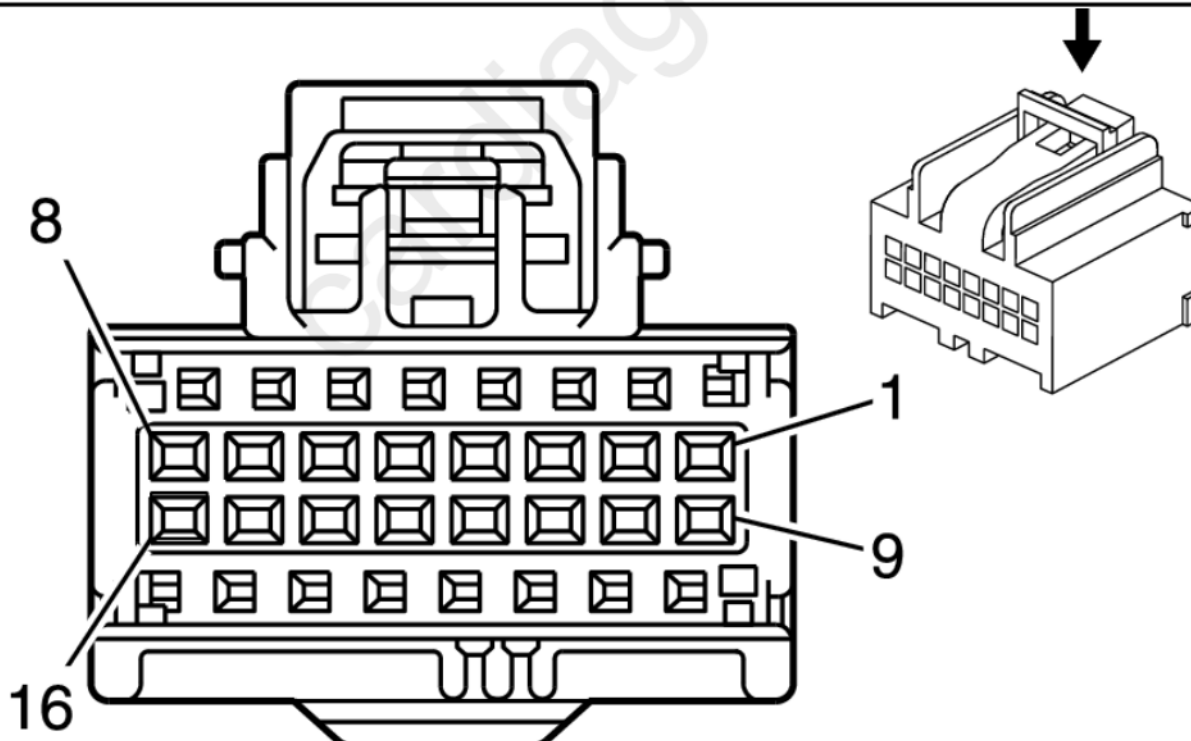
- Harness Type: Passenger Seat
- OEM Connector: 13582823
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	GN/BK	2296	Right Rear Heated Seat Cushion Element Control	I	-
3	0.75	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
4	0.75	GN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-
5	-	-	-	Not Occupied	-	-
6	0.75	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
7	0.75	RD/YE	1442	Battery Positive Voltage	I	-
8	0.5	BK	2050	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	0.75	RD/GY	1342	Battery Positive Voltage	I	-

K29R SEAT HEATING CONTROL MODULE - REAR X2 (KA6)



Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (BK)

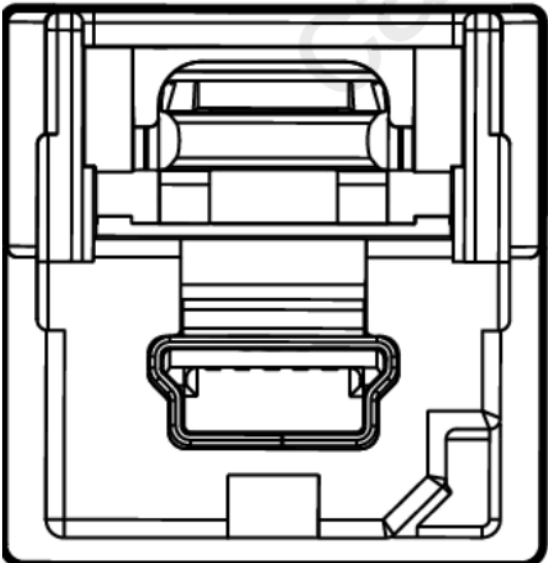
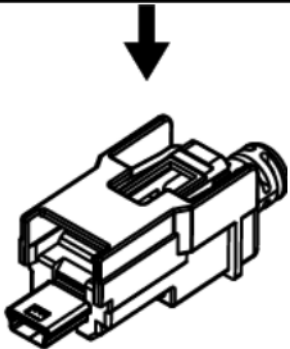
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/RD	7662	Left Rear Heated Seat NTC Low Reference	I	-
2	0.35	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
3	0.35	YE	7680	Right Rear Heated Back NTC Signal	I	-
4	0.35	YE	7680	Right Rear Heated Back NTC Signal	I	-
5	0.35	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
6	0.35	GY	7663	Left Rear Heated Seat NTC Signal	I	-
7	0.35	BK	2050	Ground	I	-
8	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/YE	7679	Right Rear Heated Back NTC Low Reference	I	-
12	0.35	BK/YE	7679	Right Rear Heated Back NTC Low Reference	I	-
13 - 16	-	-	-	Not Occupied	-	-

K31 NAVIGATION CONTROL MODULE X3 (MAW)

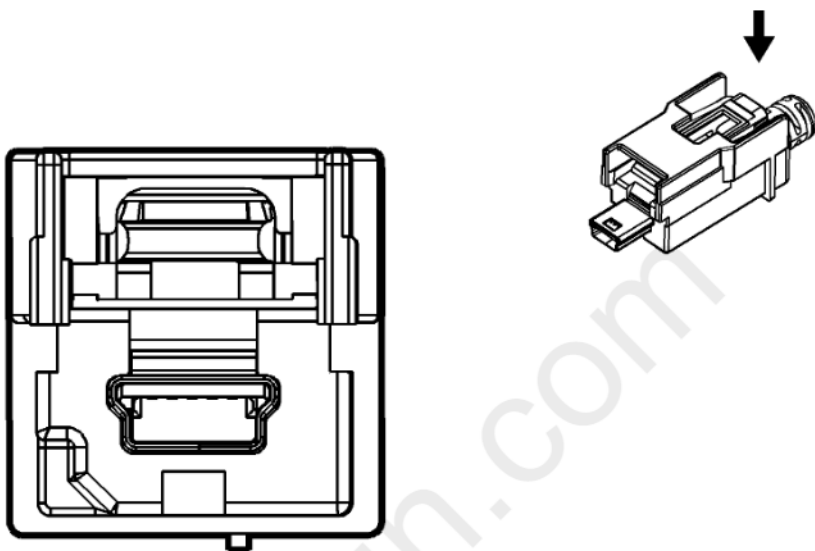
Connector Part Information

- Harness Type: Body
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K31 NAVIGATION CONTROL MODULE X5 (MAW)


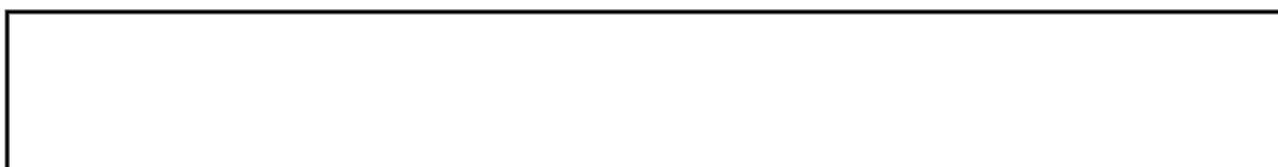
Connector Part Information

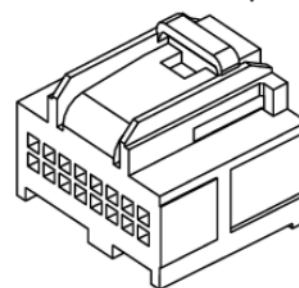
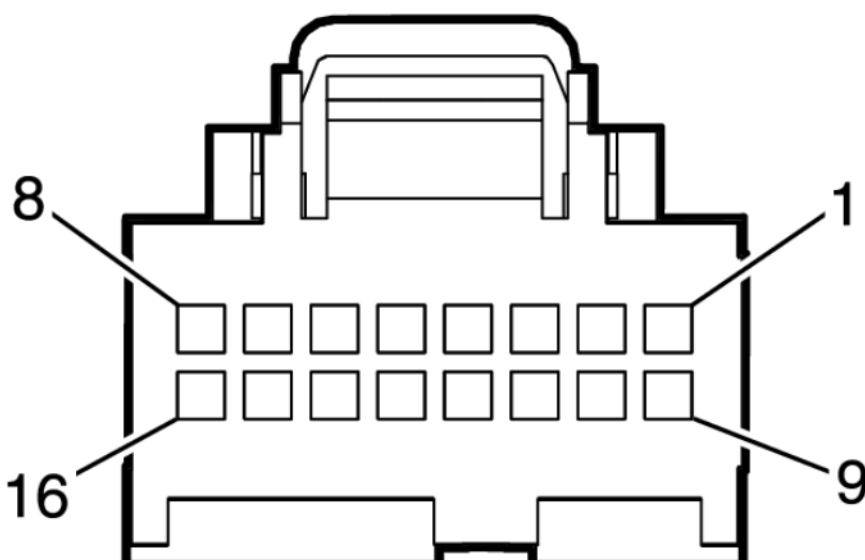
- Harness Type: Body USB
- OEM Connector: 13578153
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GN)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

K31 NAVIGATION CONTROL MODULE X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13819409
- Service Connector: 13582576
- Description: 16-Way F 0.64 OCS Series (BK)

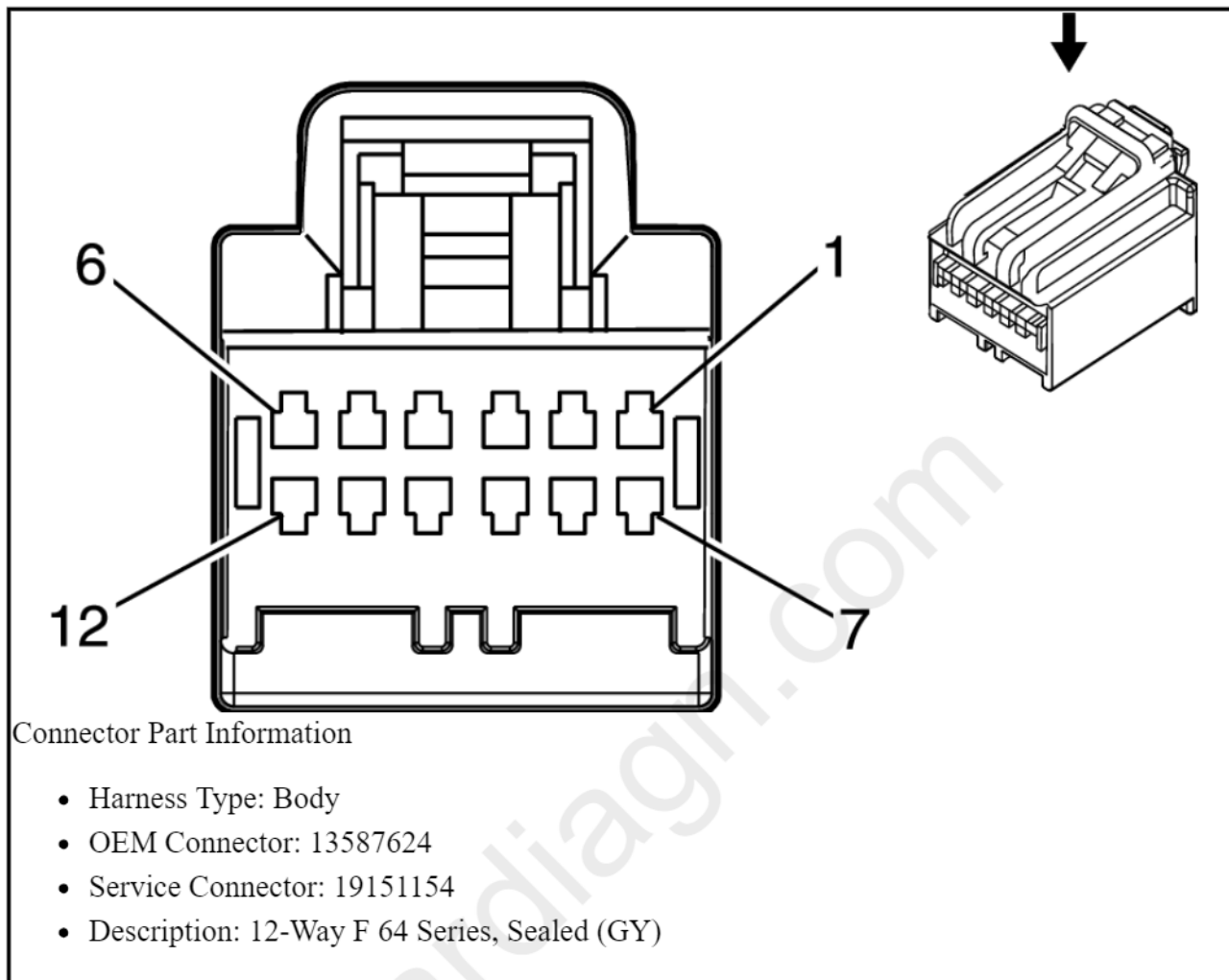
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/BU	4540	Battery Positive Voltage	II	-
2	0.35	GN/YE	7066	Entertainment Remote Enable Signal	I	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
6	0.35	GN/WH	6764	Display Control	I	-
7	0.35	GN/RD	7527	Local Interconnect Network Serial Data Bus 5	I	-
8	0.5	BK	450	Ground	I	-
9	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-
10	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	-
11	0.35	BARE	1792	Low Reference	I	-
12 - 14	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.35	BU	655	Cellular Telephone Microphone Signal	I	-
16	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-

K31 NAVIGATION CONTROL MODULE X2



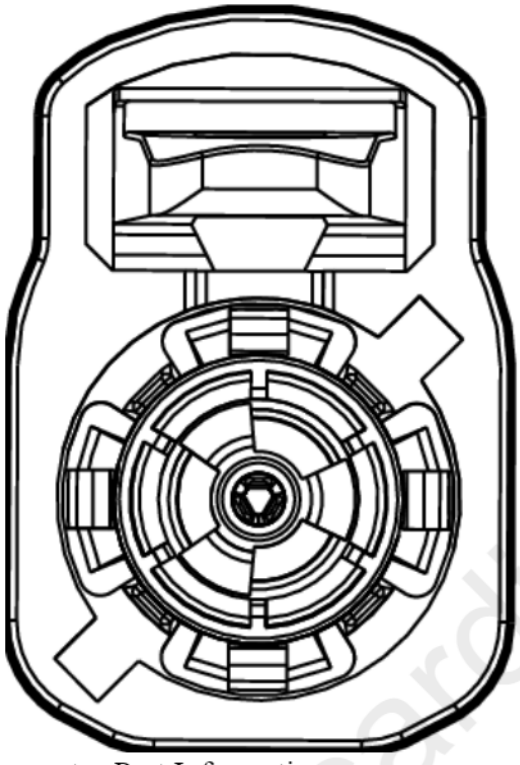
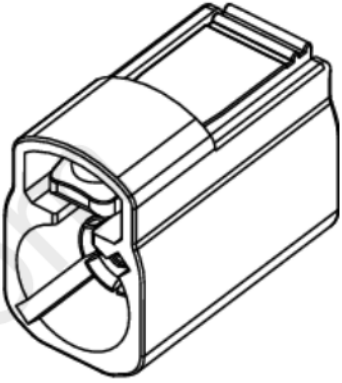
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	5839	Left Auxiliary Audio Signal 2	I	-
2	0.35	BARE	5842	Auxiliary Audio Screen 2	I	-
3	0.35	YE	658	Cellular Telephone Voice Signal	I	-
4	0.35	YE/WH	7001	Remote Radio Audio Ground	I	-
5	0.35	GY/WH	5839	Left Auxiliary Audio Signal 2	I	-
6	0.35	BARE	5842	Auxiliary Audio Screen 2	I	-
7	0.35	GN	5841	Right Auxiliary Audio Signal 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	VT	5843	Auxiliary Audio Common Signal	I	-
9	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	-
10	0.35	BARE	1782	Low Reference	I	-
11	0.35	GN/WH	5841	Right Auxiliary Audio Signal 2	I	-
12	0.35	VT/WH	5843	Auxiliary Audio Common Signal	I	-

K31 NAVIGATION CONTROL MODULE X6

Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 12784259
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

Terminal Part Information

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

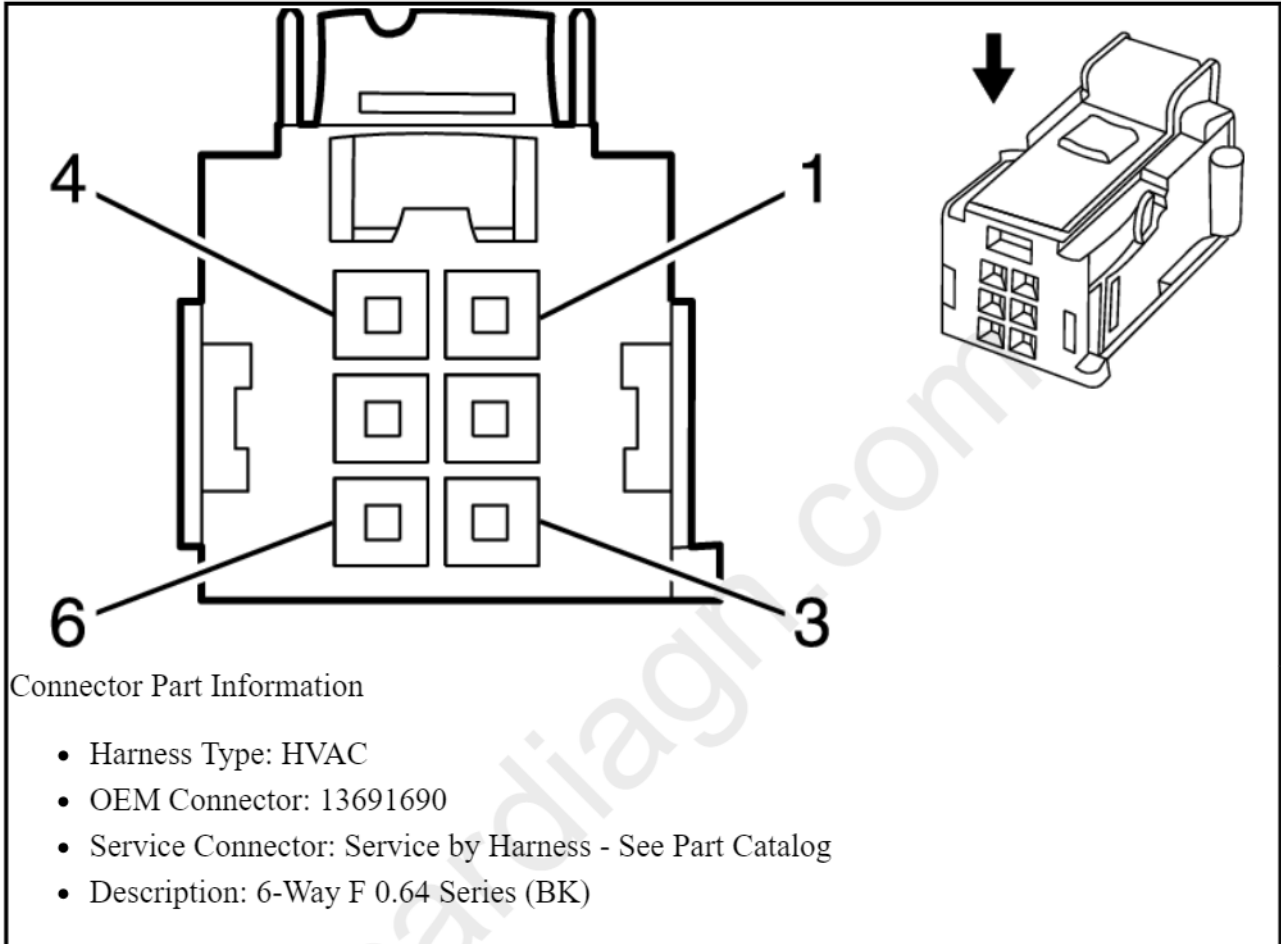
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

M37 MODE DOOR ACTUATOR



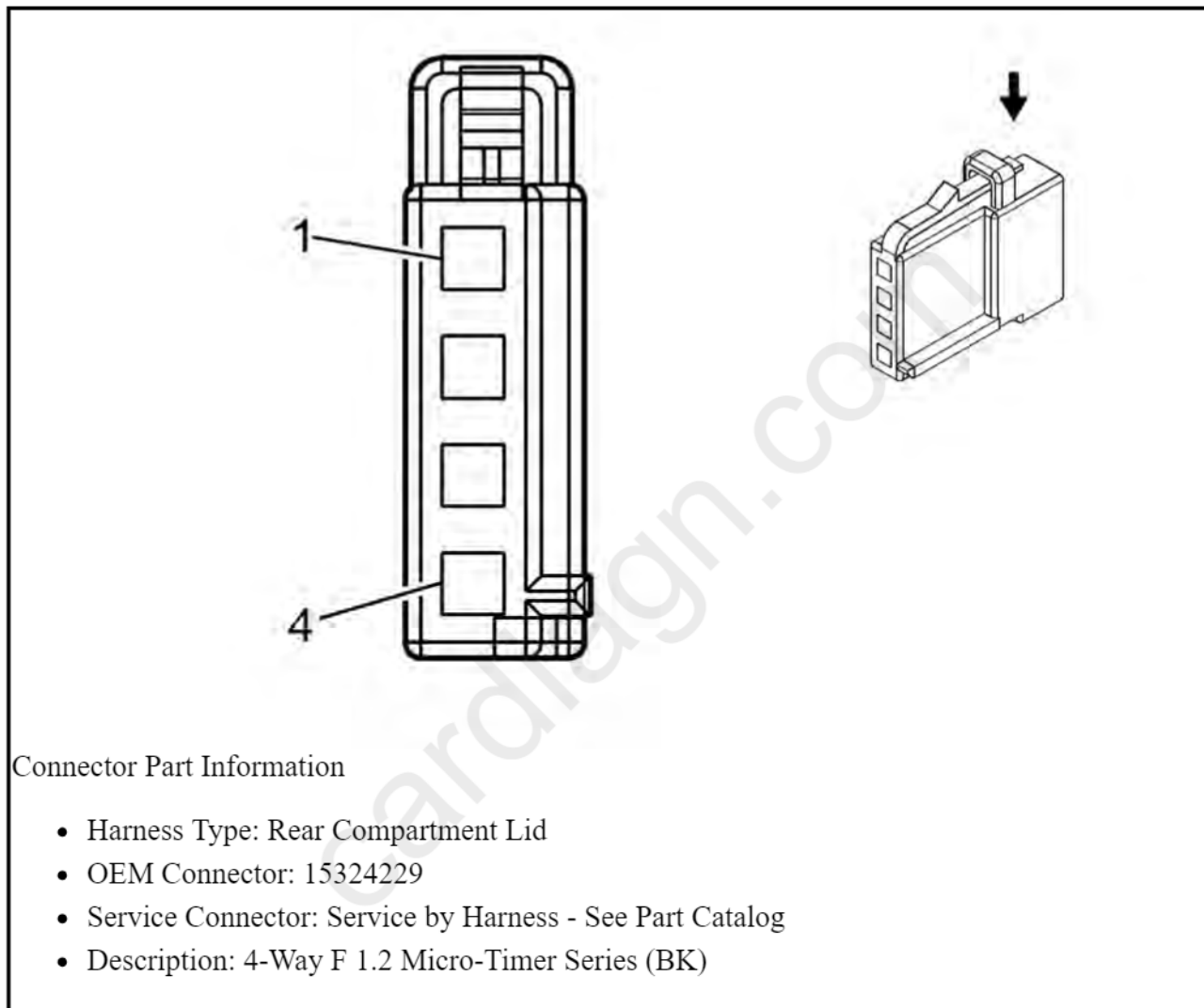
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BK	3169	Temp Door Stepper Motor Control 1	I	C4P/C67
	0.35	GY	3165	Mode Door Stepper Motor Control 1	I	CJ2
2	0.35	BN/VT	7572	HVAC Motor Control	I	-
3	0.35	VT/GN	3170	Temp Door Stepper Motor Control 2	I	C4P/C67
	0.35	BN/GN	3166	Mode Door Stepper Motor Control 2	I	CJ2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35 0.35	YE/GN BU/BN	3171 3167	Temp Door Stepper Motor Control 3 Mode Door Stepper Motor Control 3	I I	C4P/C67 CJ2
5	-	-	-	Not Occupied	-	-
6	0.35 0.35	GY/BU BN	3172 3168	Temp Door Stepper Motor Control 4 Mode Door Stepper Motor Control 4	I I	C4P/C67 CJ2

M40 REAR COMPARTMENT LID LATCH

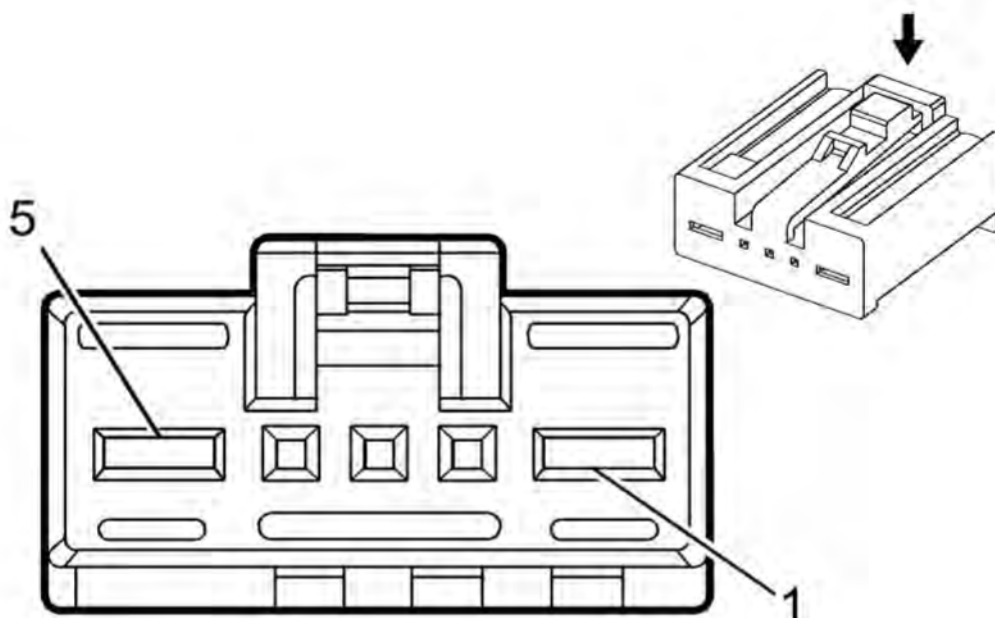


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/YE	6795	Lift Glass/Rear Compartment Lid Motor Release Control 2	I	-
2	0.5	BK	2350	Ground	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	VT/GY	1303	Lift Gate Ajar Switch Signal 1	I	-

M50D SEAT FRONT VERTICAL MOTOR - DRIVER



Connector Part Information

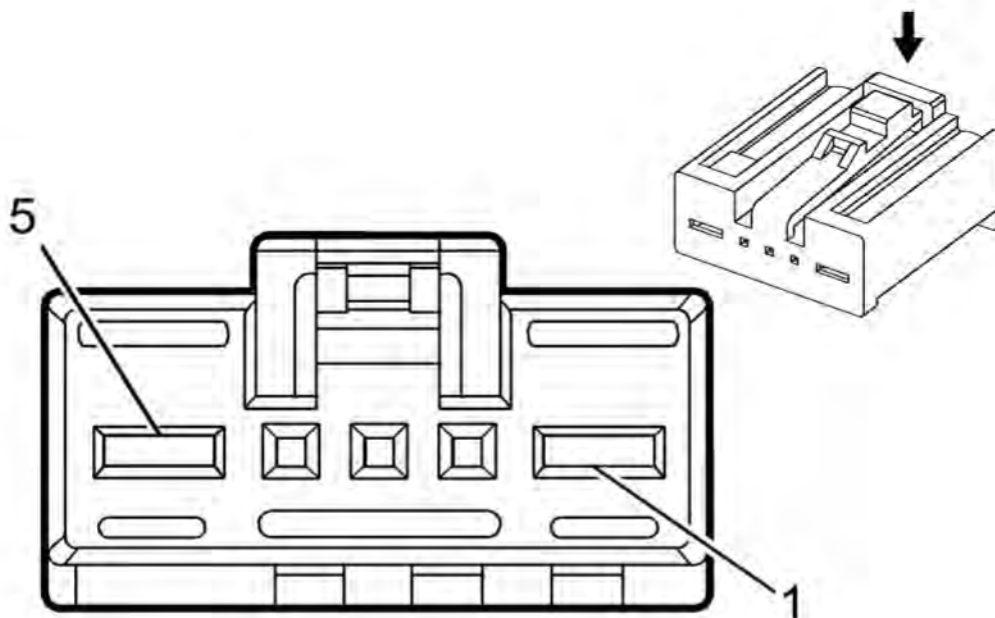
- Harness Type: Driver Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	AG1+A45
2	0.5	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	I	AG1+A45
3	-	-	-	Not Occupied	-	-
4	0.5	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.0	GN/BN	287	Driver Power Seat Front Vertical Motor Down Control	I	AG1+A45

M50P SEAT FRONT VERTICAL MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

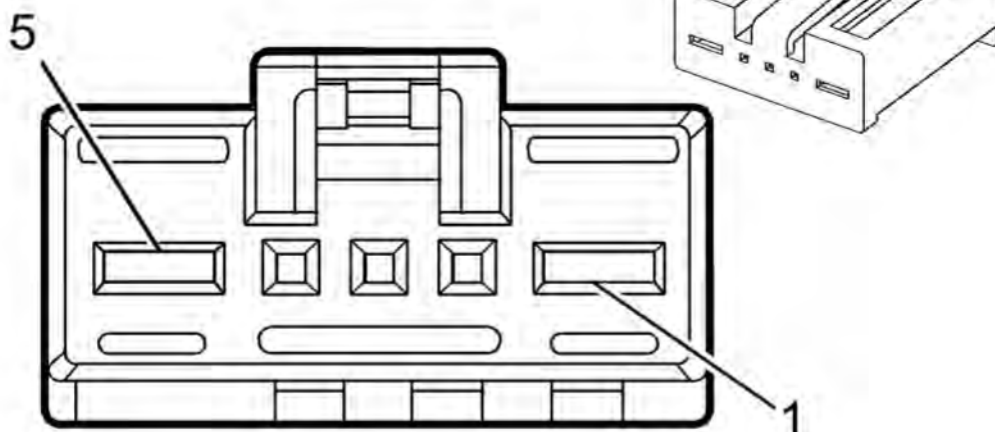
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	1.0	GN/BN	298	Passenger Power Seat Front Vertical Motor Down Control	I	-

M51D SEAT HORIZONTAL MOTOR - DRIVER





Connector Part Information

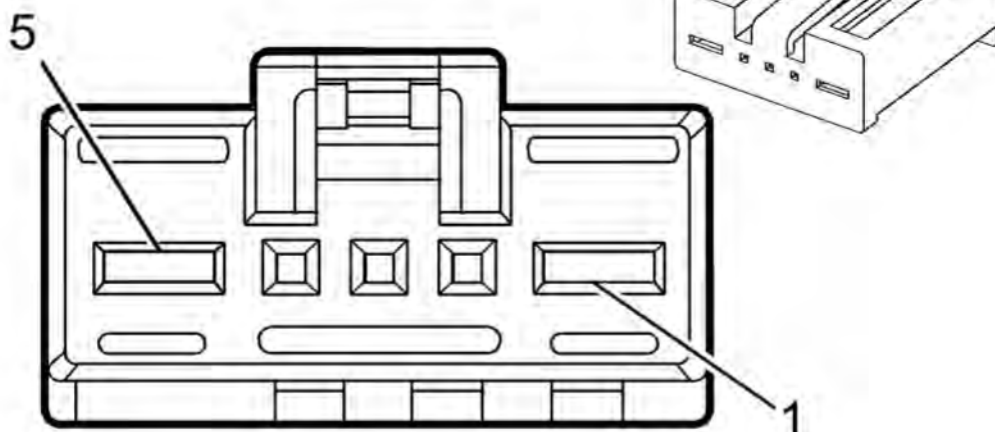
- Harness Type: Driver Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	YE/BU	285	Driver Power Seat Horizontal Motor Forward Control	I	-
2	0.5	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.0 1.0	GY/GN YE/BU	284 284	Driver Power Seat Horizontal Motor Rearward Control Driver Power Seat Horizontal Motor Rearward Control	I I	AG1+A45 AG1-A45

M51P SEAT HORIZONTAL MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

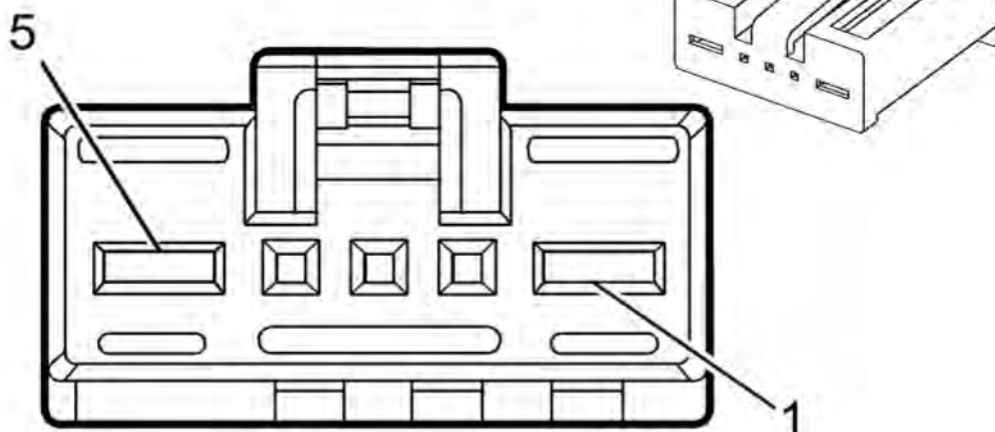
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	-	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-

M55D SEAT REAR VERTICAL MOTOR - DRIVER





Connector Part Information

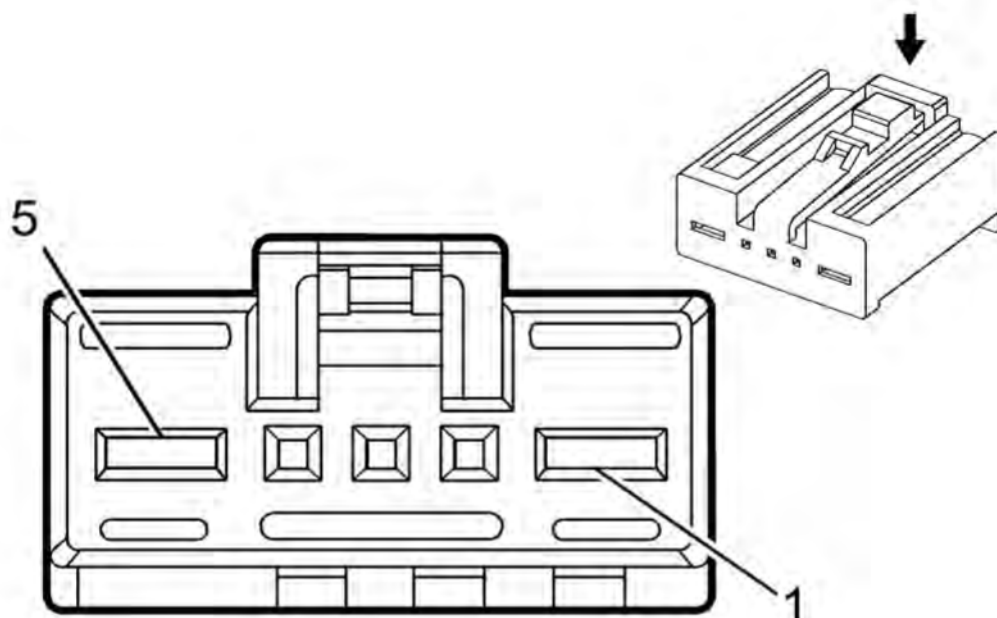
- Harness Type: Driver Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	GY/BU	283	Driver Power Seat Rear Vertical Motor Down Control	I	AG1+A45
	0.5	YE/BU	285	Driver Power Seat Horizontal Motor Forward Control	I	AG1-A45
2	0.5	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	I	AG1+A45
	0.5	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	I	AG1-A45
3	-	-	-	Not Occupied	-	-
4	0.5	WH/RD	3298	Memory Sensor High Reference 2	I	-
5	1.0	YE	282	Driver Power Seat Rear Vertical Motor Up Control	I	AG1+A45
	1.0	GY/GN	284	Driver Power Seat Horizontal Motor Rearward Control	I	AG1-A45

M55P SEAT REAR VERTICAL MOTOR - PASSENGER



Connector Part Information

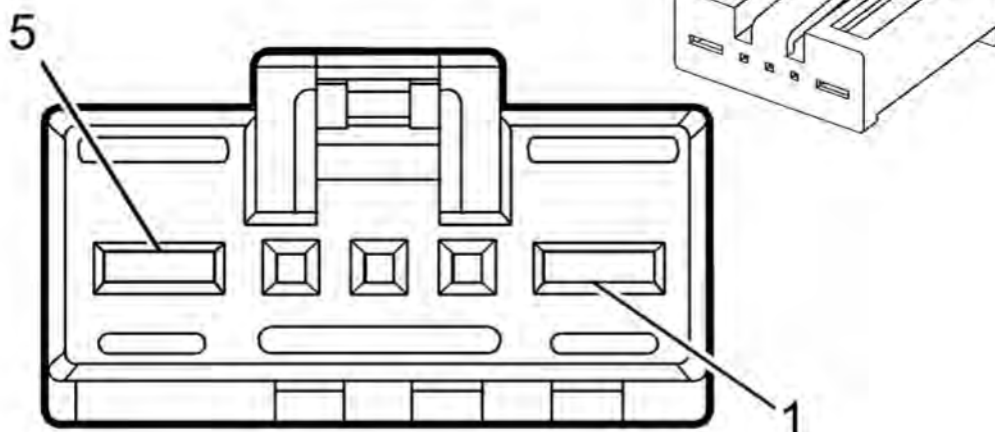
- Harness Type: Passenger Seat Cushion
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	1.0	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-

M56D SEAT RECLINE MOTOR - DRIVER



Connector Part Information

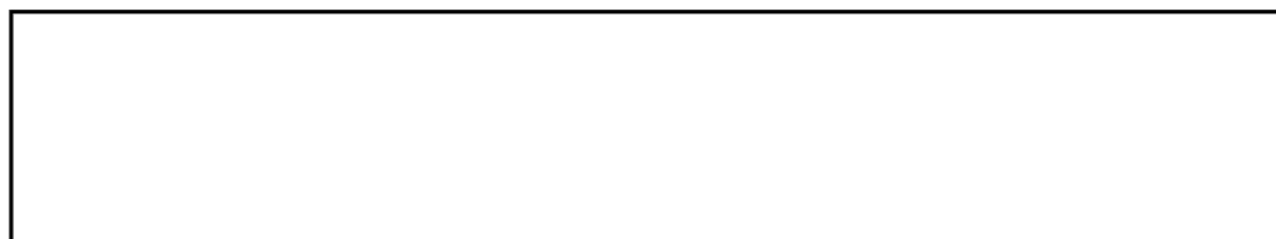
- Harness Type: Driver Seat Back
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

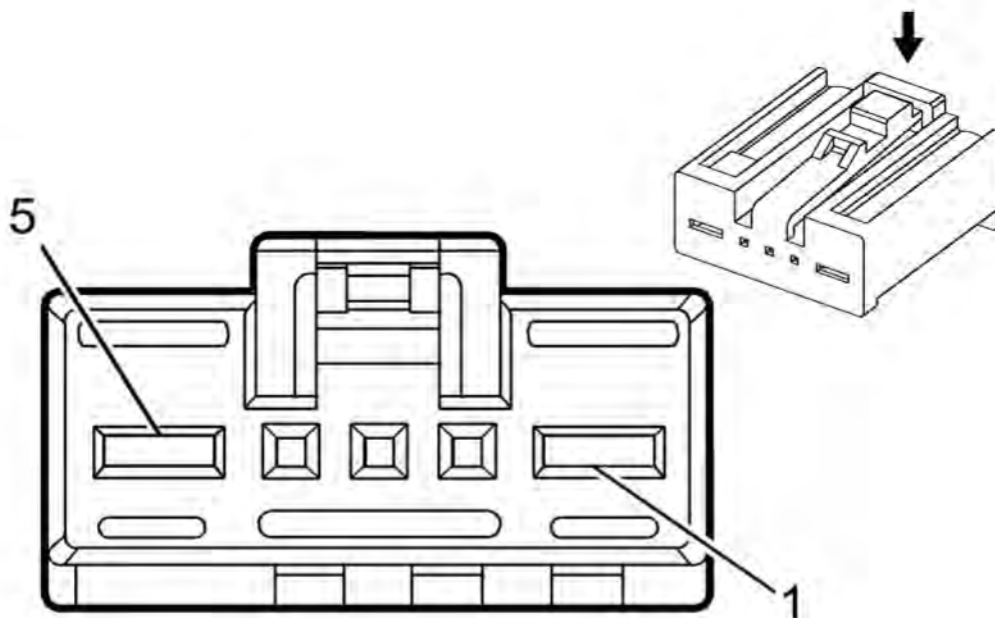
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/YE	277	Driver Power Seat Recline Motor Rearward Control	I	-
2	0.5	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	II	-
3	-	-	-	Not Occupied	-	-
4	0.5	WH/RD	3298	Memory Sensor High Reference 2	II	-
5	1	GN/YE	276	Driver Power Seat Recline Motor Forward Control	I	-

M56P SEAT RECLINE MOTOR - PASSENGER





Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 1379217-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

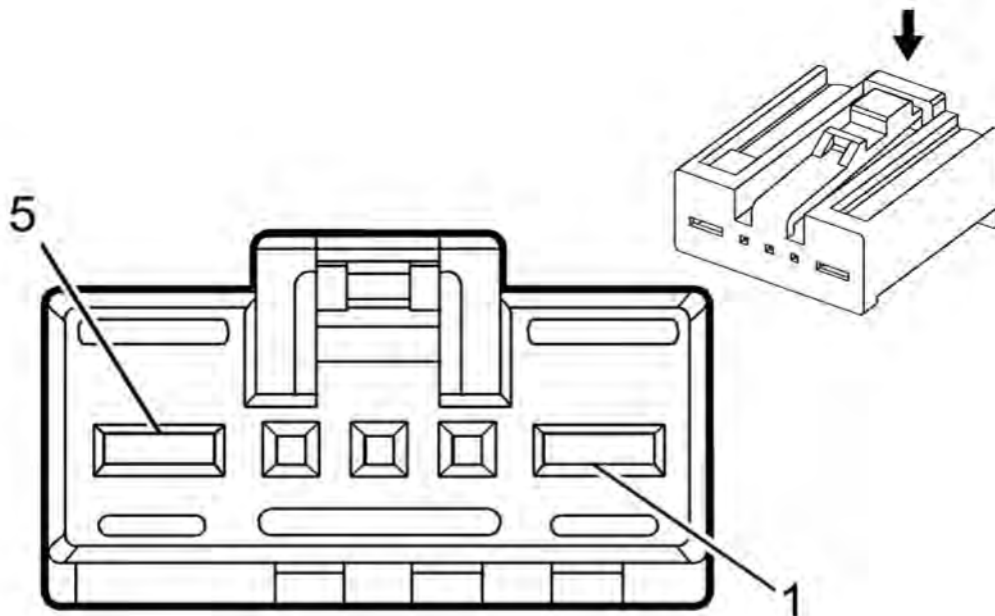
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	1	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-

M57P SEAT VERTICAL MOTOR - PASSENGER





Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 24466137
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (BK)

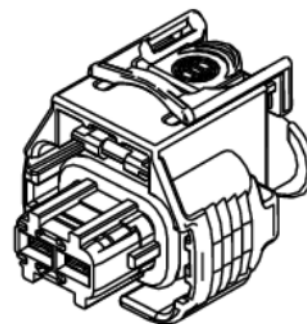
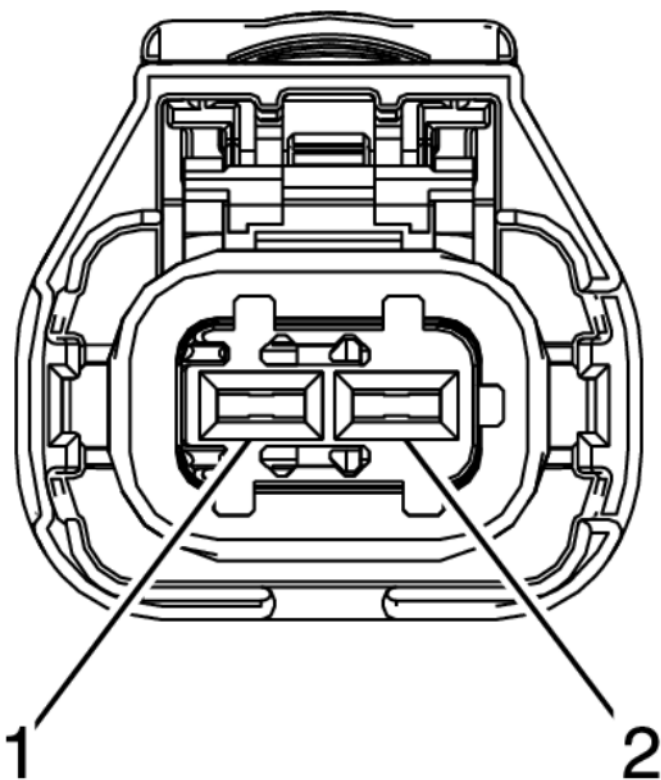
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	1.0	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-

M64 STARTER MOTOR X1 (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13930085
- Service Connector: 19367529
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

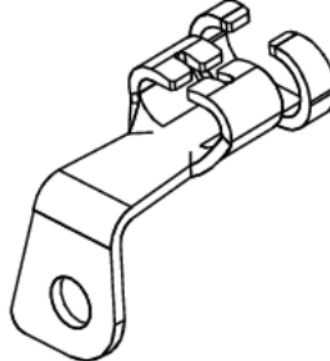
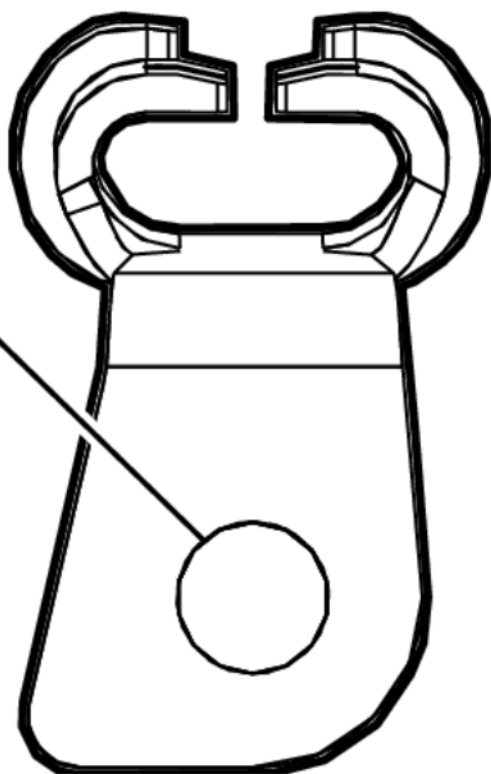
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	YE	6	Starter Solenoid Crank Ignition Voltage	I	-
2	2.5	YE/GN	4358	Starter Pinion Solenoid Voltage	I	-

M64 STARTER MOTOR X2



A



Connector Part Information

- Harness Type: Transmission Internal Mode Switch
- OEM Connector: 25930187
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Ring Terminal

Terminal Part Information

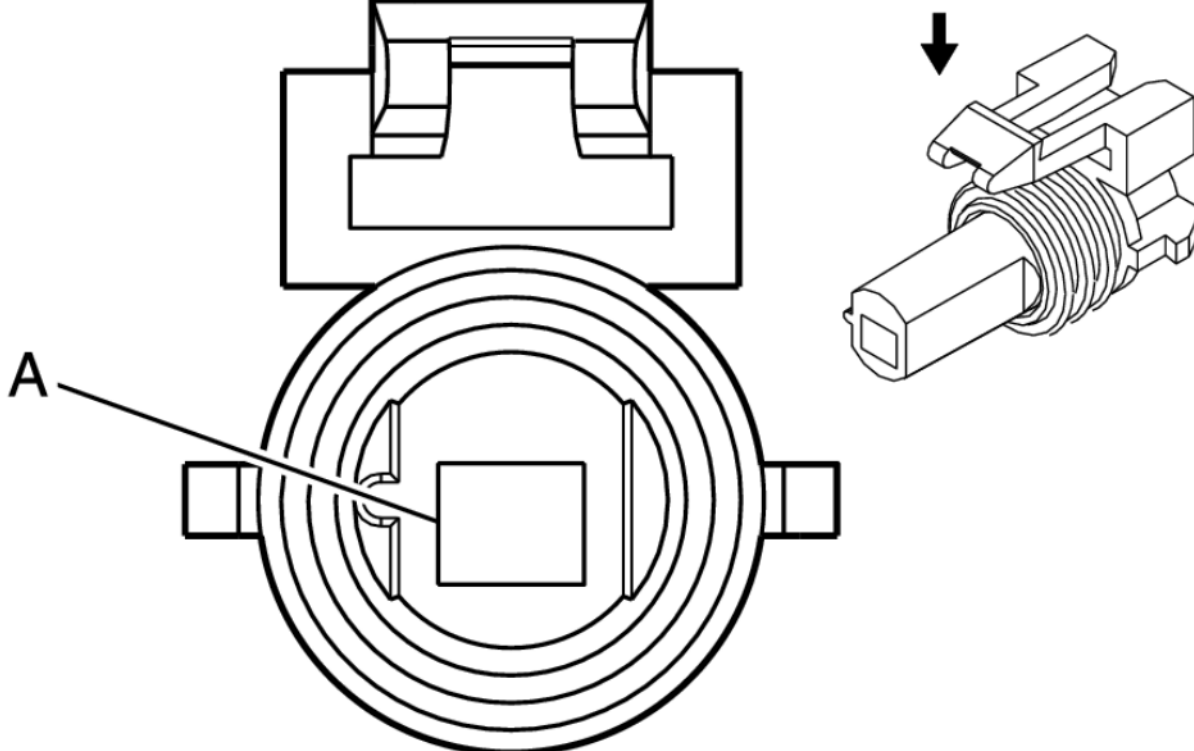
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	35	RD	2	Battery Positive Voltage	I	-

M64 STARTER MOTOR X1 (LFR/LFX)



M64 STARTER MOTOR X2 (LFR/LFX)



Connector Part Information

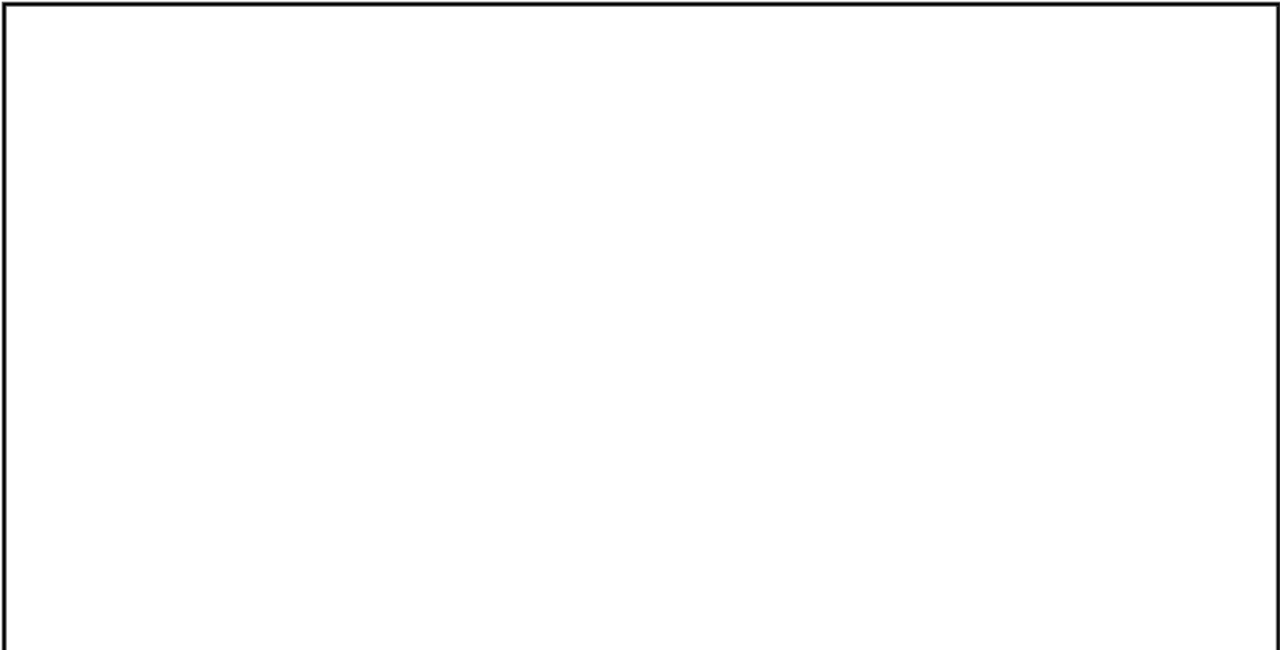
- Harness Type: Engine
- OEM Connector: 12089916
- Service Connector: 13584479
- Description: 1-Way F 280 Metri-Pack Series, Sealed (GY)

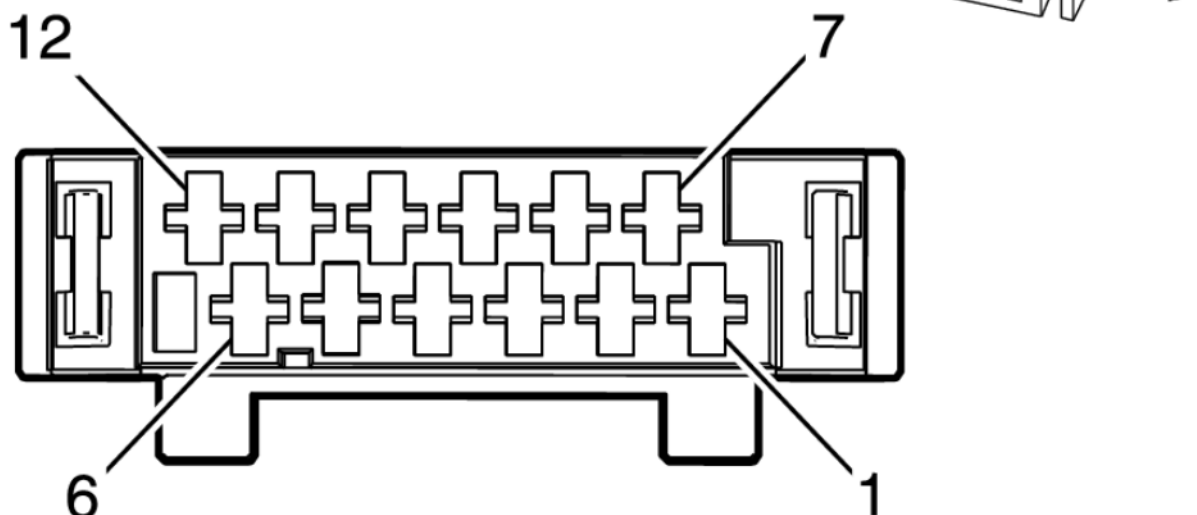
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	-

M69 SUNROOF MOTOR





Connector Part Information

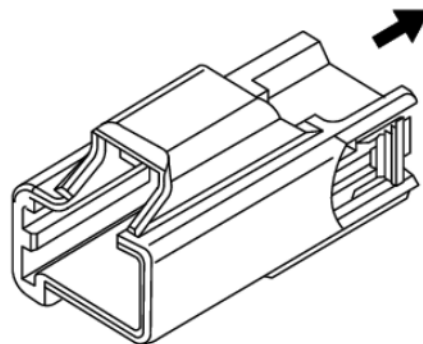
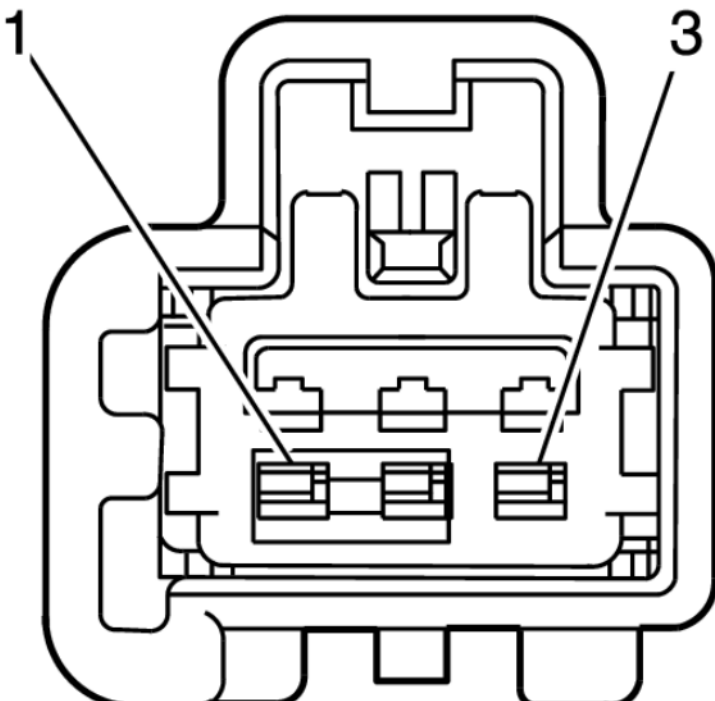
- Harness Type: Headliner
- OEM Connector: 90221505
- Service Connector: 90221505
- Description: 12-Way F 2.8 Junior Power Timer Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/WH	3540	Battery Positive Voltage	I	-
2	2.5	BK	2350	Ground	I	-
3	0.5	BU	128	Sunroof Switch Low Reference	I	-
4	0.5	BN	6132	Local Interconnect Network Serial Data Bus 1	I	-
5	0.5	BU	5027	Sunroof Switch Data 1 Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.5	BK	2350	Ground	I	-
9 - 12	-	-	-	Not Occupied	-	-

M73A SEAT BLOWER MOTOR - DRIVER BACK



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 7282-3440-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 1.5 YESC Kaizen Series (L-GY)

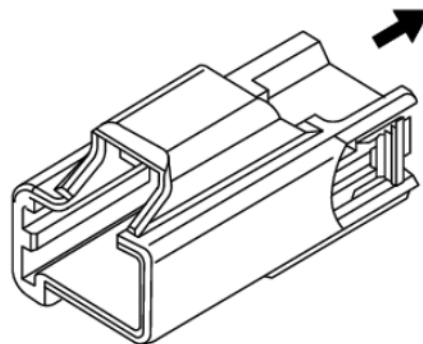
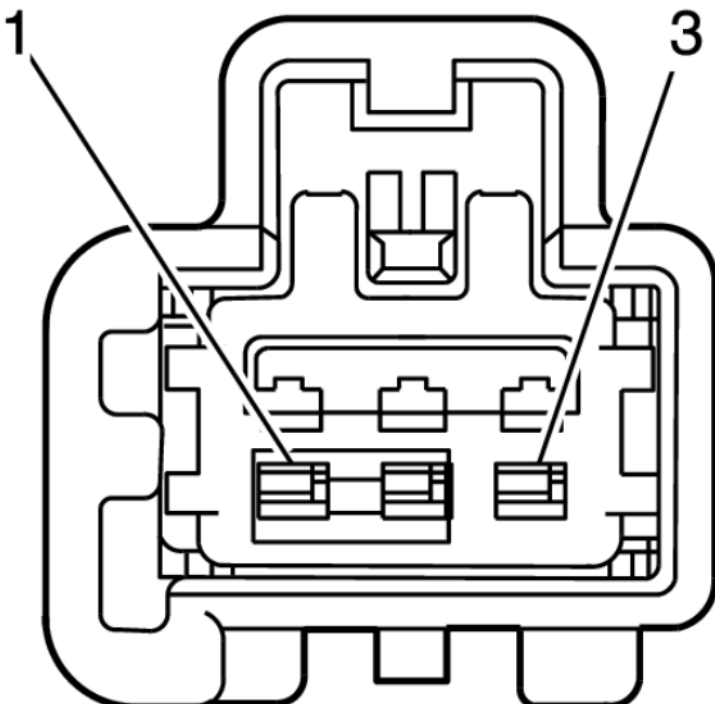
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD	1239	Run/Crank Ignition 1 Voltage	I	-
2	0.5	GN	5906	Driver Seat Vent Motor Control 1	I	-
3	0.5	BK	2150	Ground	I	-

M73B SEAT BLOWER MOTOR - PASSENGER BACK





Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 7282-3440-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 1.5 YESC Kaizen Series (L-GY)

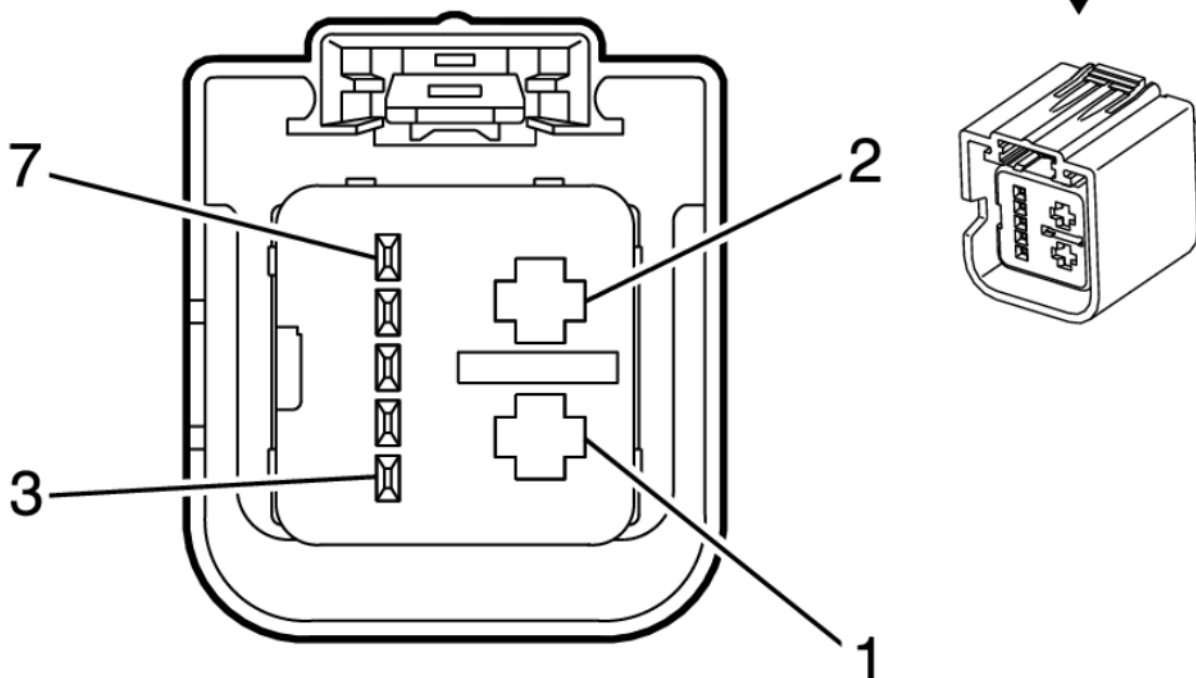
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/WH	1239	Run/Crank Ignition 1 Voltage	I	-
2	0.5	GN	5908	Passenger Seat Vent Motor Control 1	I	-
3	0.5	BK	2050	Ground	I	-

M74D WINDOW MOTOR - DRIVER





Connector Part Information

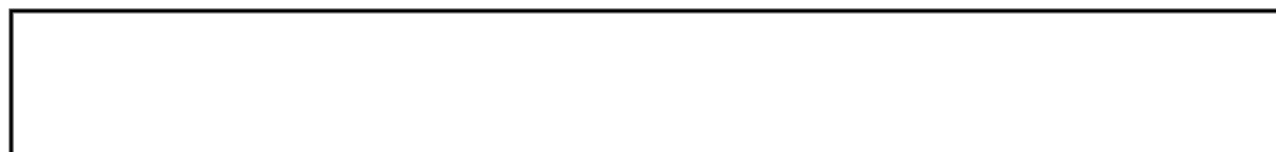
- Harness Type: Driver Door
- OEM Connector: 13595813
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

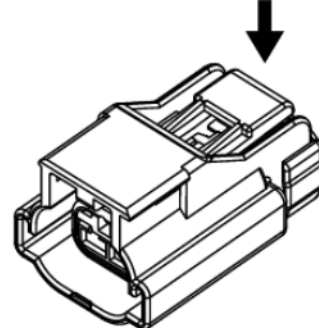
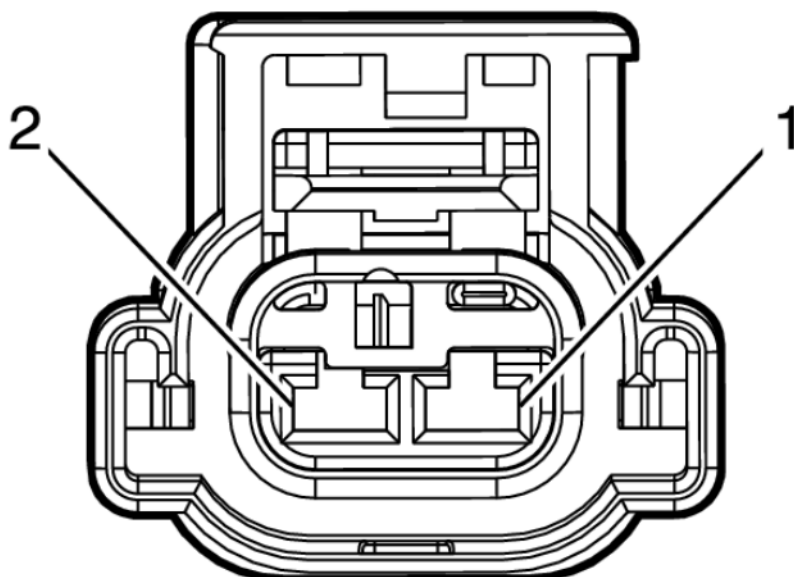
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BK	2150	Ground	I	-
2	1.5	RD/BU	1240	Battery Positive Voltage	I	-
3	0.35	GN/WH	3379	Power Window Switch Driver Up Signal	II	-
4	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-
5	0.35	GN	3381	Power Window Switch Driver Express Signal	II	-
6	0.35	GY	745	Left Front Door Ajar Switch Signal	II	-
7	0.35	GY	3380	Power Window Switch Driver Down Signal	II	-

M74LR WINDOW MOTOR - LEFT REAR





Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13863838
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

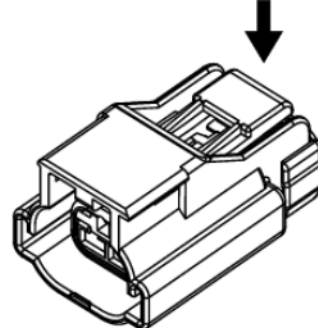
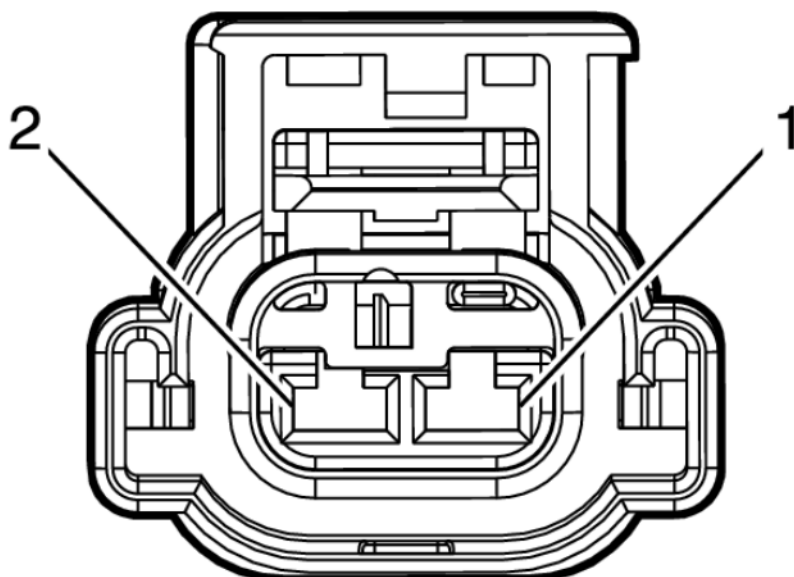
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/VT	668	Power Window Motor Left Rear Up Control	I	-
2	1.5	YE/BU	669	Power Window Motor Left Rear Down Control	I	-

M74P WINDOW MOTOR - PASSENGER





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13863838
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

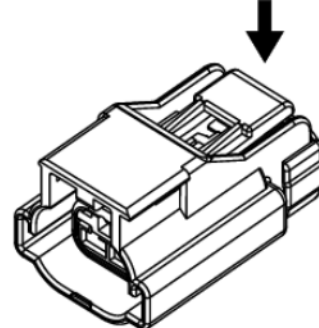
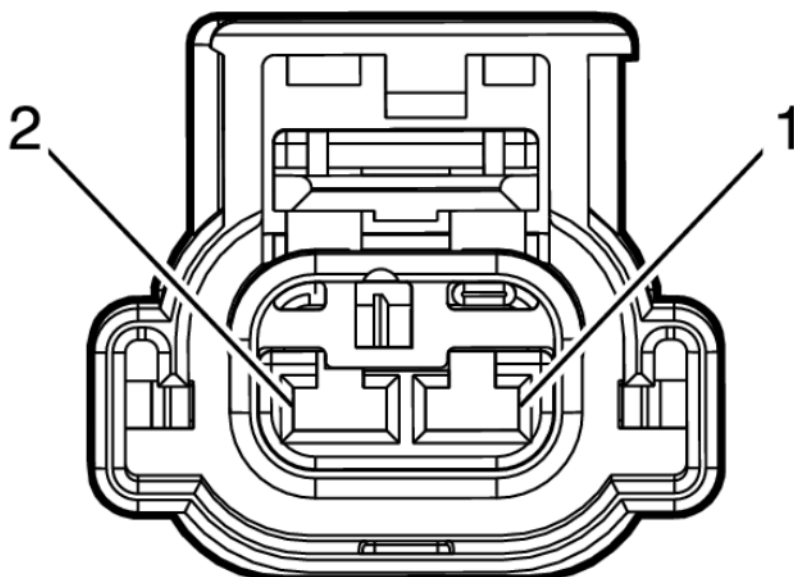
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BU	3388	Power Window Motor Passenger Down Control	I	-
2	1.5	GN/GY	3387	Power Window Motor Passenger Up Control	I	-

M74RR WINDOW MOTOR - RIGHT REAR





Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13863838
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

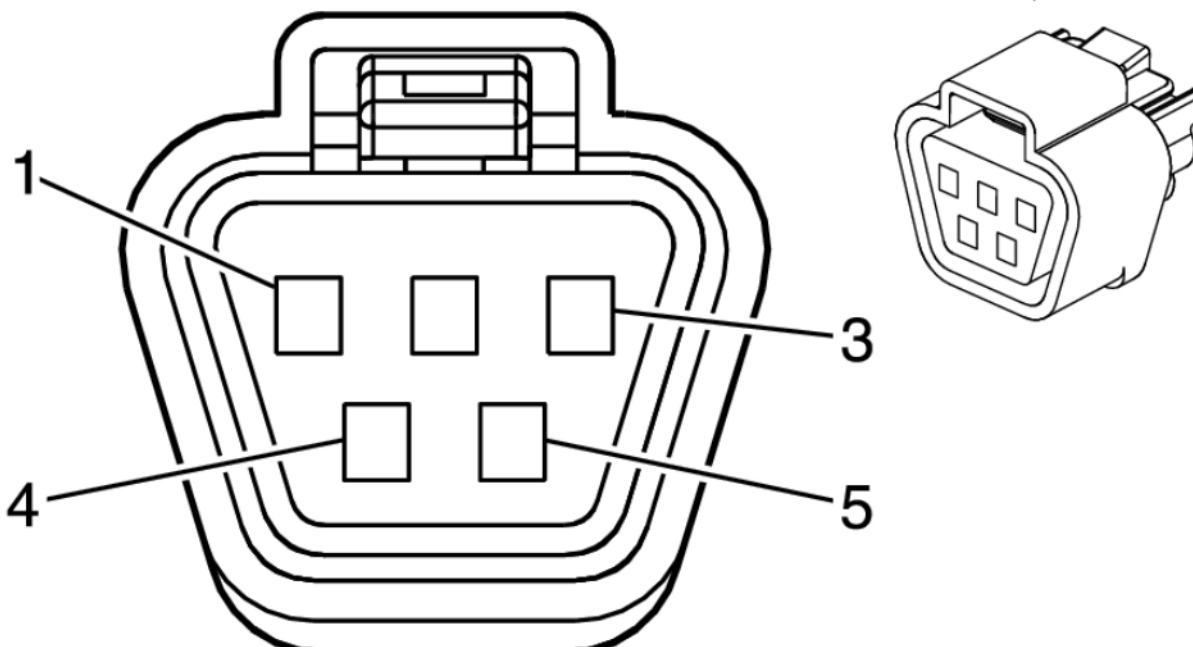
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/GY	670	Power Window Motor Right Rear Up Control	I	-
2	1.5	GN/BK	671	Power Window Motor Right Rear Down Control	I	-

M75 WINDSHIELD WIPER MOTOR





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15316488
- Service Connector: 13587179
- Description: 5-Way F 090 Series, Sealed (BK)

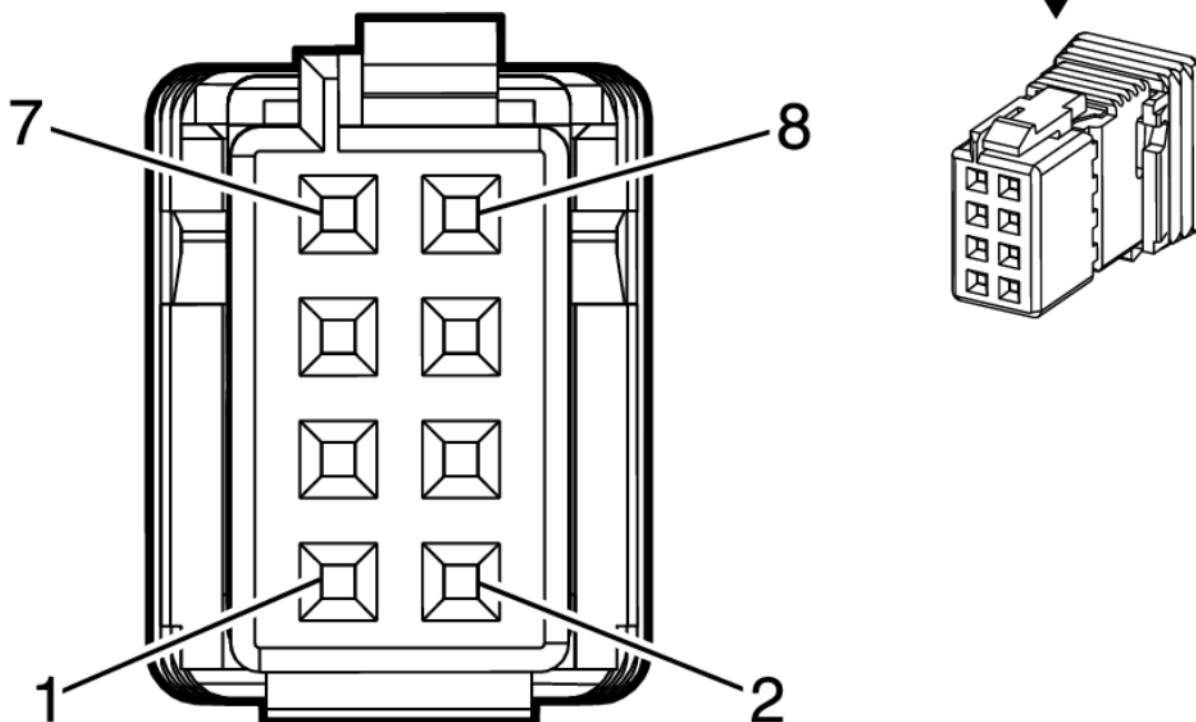
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/GN	196	Windshield Wiper Motor Park Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	2	WH	92	Windshield Wiper Motor High Speed Control	I	-
4	2	BK	1350	Ground	I	-
5	2	YE/BN	95	Windshield Wiper Motor Low Speed Control	I	-

M77D OUTSIDE REARVIEW MIRROR MOTOR - DRIVER (A45)





Connector Part Information

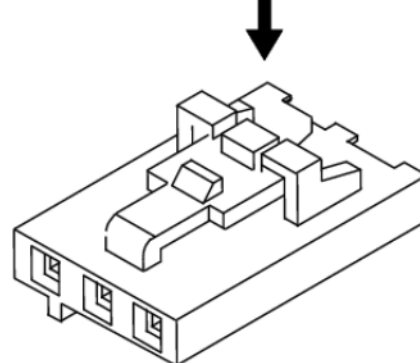
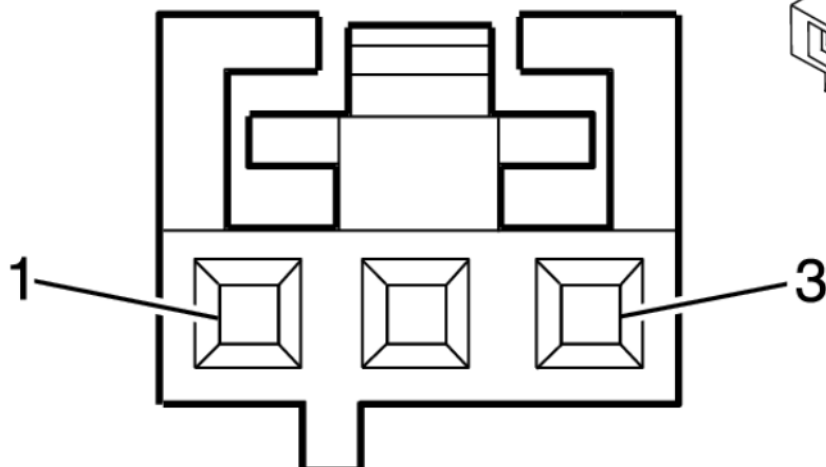
- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: 9-965382-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F Micro-Power and Power QuadLock Series (D-BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BK	3393	Driver Mirror Position Sensor Low Reference	I	-
2	0.35	GN	3389	Driver Mirror Motor Right (+) Left (-) Control	I	-
3	0.35	TN	3394	Driver Mirror Position Sensor Up (+) Down (-) Signal	I	CW1-A45
4	-	-	-	Not Occupied	-	-
5	0.35	BN	3392	Driver Mirror Position Sensor 5V Reference	I	-
6	0.35	BU	3391	Driver Mirror Motor Common Control	I	-
7	0.35	PK	3395	Driver Mirror Position Sensor Left (-) Right (+) Signal	I	CW1+A45
8	0.35	RD	3390	Driver Mirror Motor Up (+) Down (-) Control	I	-

M77D OUTSIDE REARVIEW MIRROR MOTOR - DRIVER (-A45)



Connector Part Information

- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F

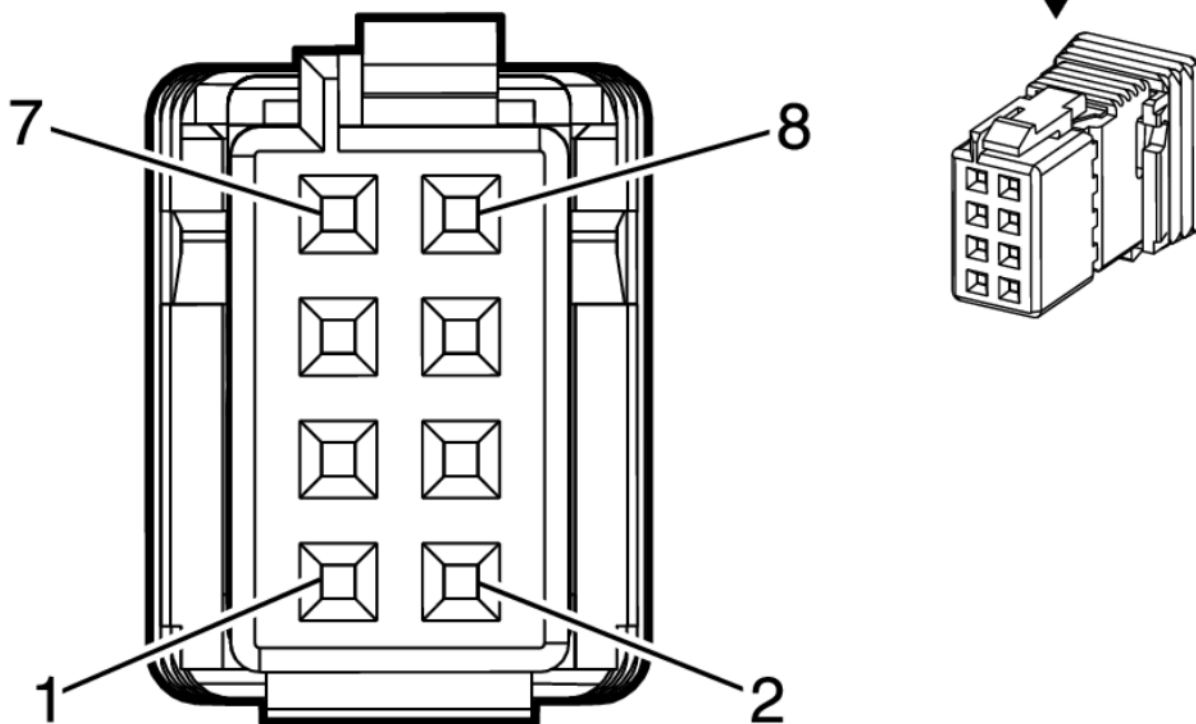
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD	3390	Driver Mirror Motor Up (+) Down (-) Control	I	-
2	0.35	BU	3391	Driver Mirror Motor Common Control	I	-
3	0.35	GN	3389	Driver Mirror Motor Right (+) Left (-) Control	I	-

M77P OUTSIDE REARVIEW MIRROR MOTOR - PASSENGER (A45)





Connector Part Information

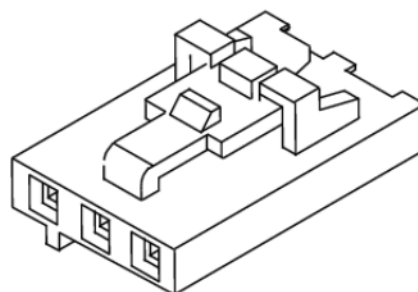
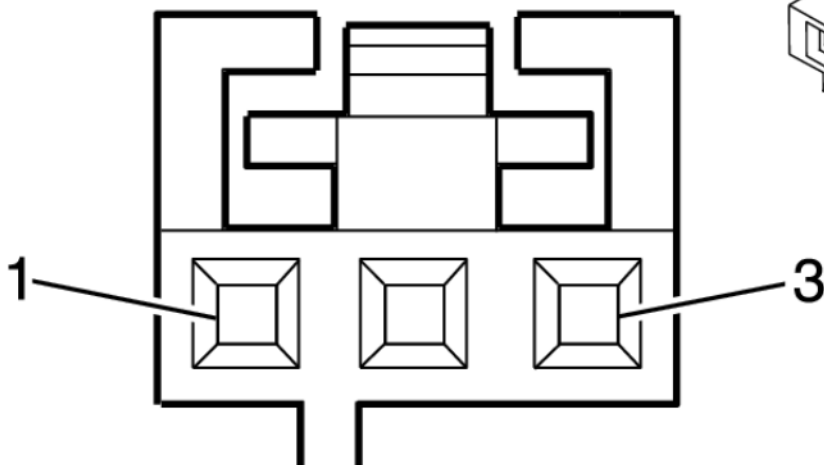
- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: 9-965382-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F Micro-Power and Power QuadLock Series (D-BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BK	3400	Passenger Mirror Position Sensor Low Reference	I	-
2	0.35	GN	3396	Passenger Mirror Motor Right (+) Left (-) Control	I	-
3	0.35	TN	3401	Passenger Mirror Position Sensor Up (+) Down (-) Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	BN	3399	Passenger Mirror Position Sensor 5V Reference	I	-
6	0.35	BU	3398	Passenger Mirror Motor Common Control	I	-
7	0.35	PK	3403	Passenger Mirror Position Sensor Left (-) Right (+) Signal	I	-
8	0.35	RD	3397	Passenger Mirror Motor Up (+) Down (-) Control	I	-

M77P OUTSIDE REARVIEW MIRROR MOTOR - PASSENGER (-A45)



Connector Part Information

- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	3397	Passenger Mirror Motor Up (+) Down (-) Control	I	-
2	0.35	WH	3398	Passenger Mirror Motor Common Control	I	-
3	0.35	GN/WH	3396	Passenger Mirror Motor Right (+) Left (-) Control	I	-

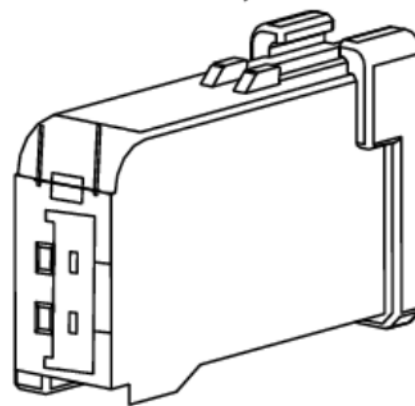
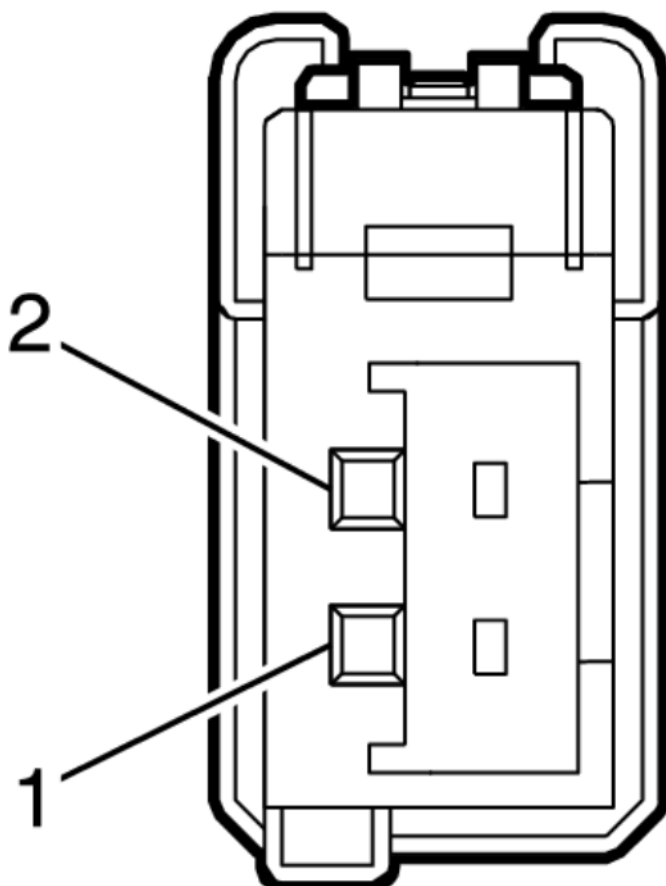
MAD OUTSIDE REARVIEW MIRROR FOLDING MOTOR - DRIVER

Connector Part Information

- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595633
- Service Connector: 13314093
- Description: 2-Way F 0.64 Kaizen Series (BK)

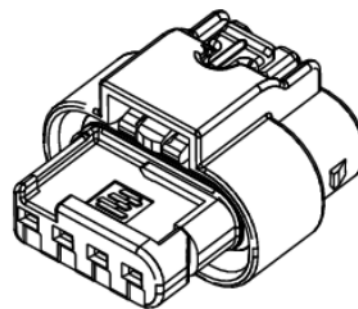
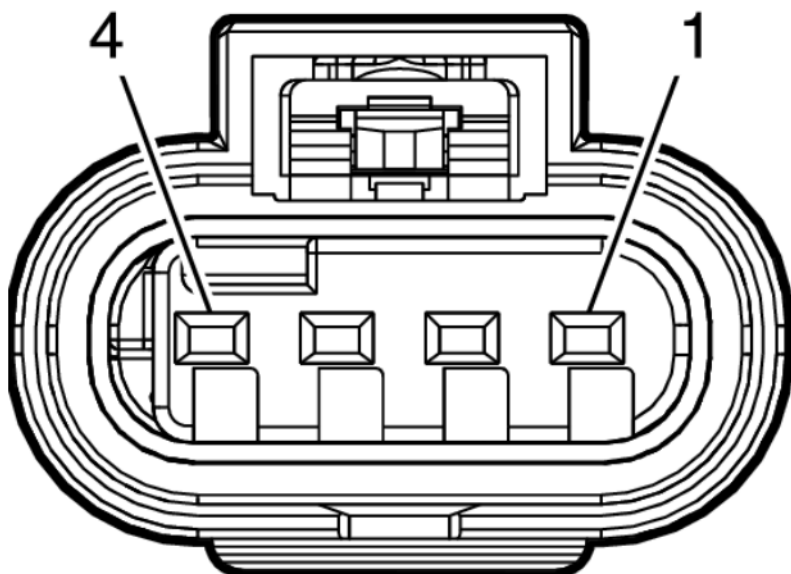
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/YE	143	Accessory Ignition Voltage	I	-
2	0.5	BK	1550	Ground	I	-

M16 ACTIVE GRILLE AIR SHUTTER ACTUATOR





Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 1-1456426-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 Multiple Contact Point Series, Sealed (BK)

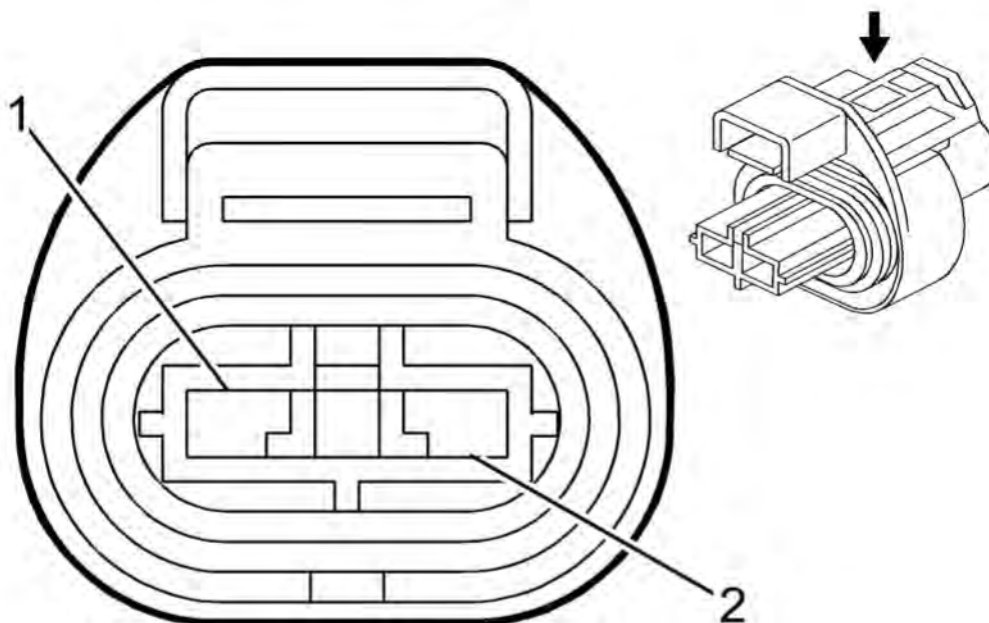
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BK	3437	Shutter Valve Solenoid Control	I	-
2	0.5	BK	1150	Ground	I	-
3	0.5	VT/WH	239	Run/Crank Ignition 1 Voltage	I	-
4	-	-	-	Not Occupied	-	-

M97 FUEL FILL DOOR LOCK ACTUATOR





Connector Part Information

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

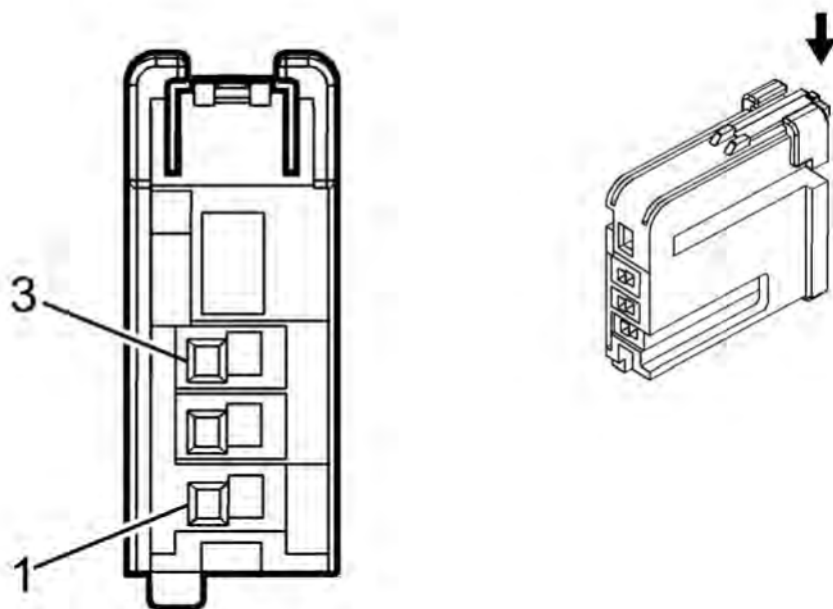
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
2	0.75	GY	5911	Door Lock Actuator Lock Control 2	I	-

P2 TRANSMISSION SHIFT LEVER POSITION INDICATOR





Connector Part Information

- Harness Type: Console
- OEM Connector: 13598984
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series (BK)

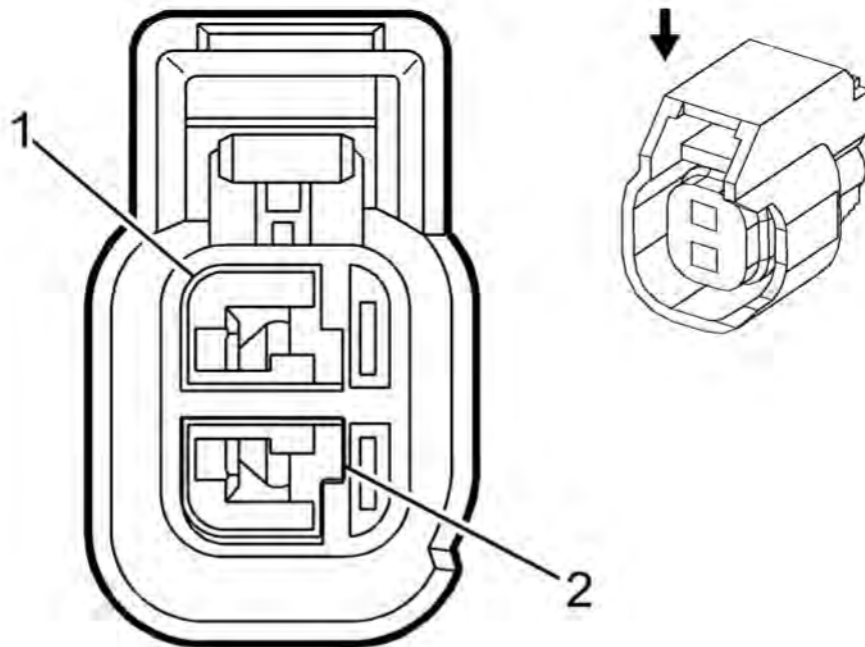
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/VT	755	RAP Relay Coil Control	I	-
2	0.5	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
3	0.35	BK	2250	Ground	I	-

P13 HORN ASSEMBLY





Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13594801
- Service Connector: 13585854
- Description: 2-Way F 150 GT Series, Sealed (BK)

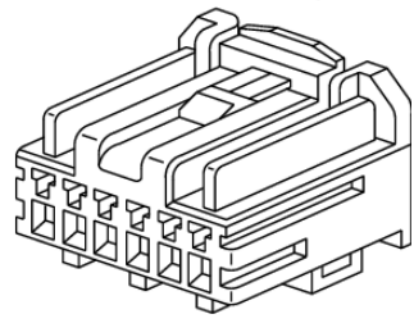
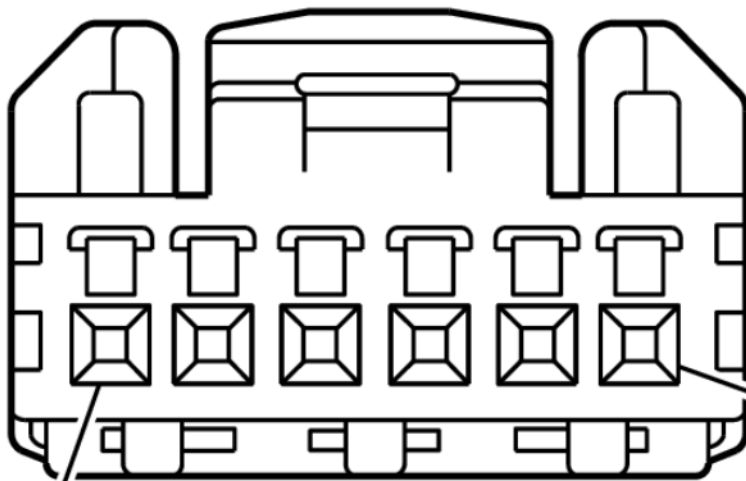
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	1150	Ground	I	-
2	0.75	BN/GY	29	Horn Control	I	-

P14 PASSENGER AIR BAG DISABLED INDICATOR





6

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Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13608102
- Service Connector: 19153174
- Description: 6-Way F 0.64 HCM Series (NA)

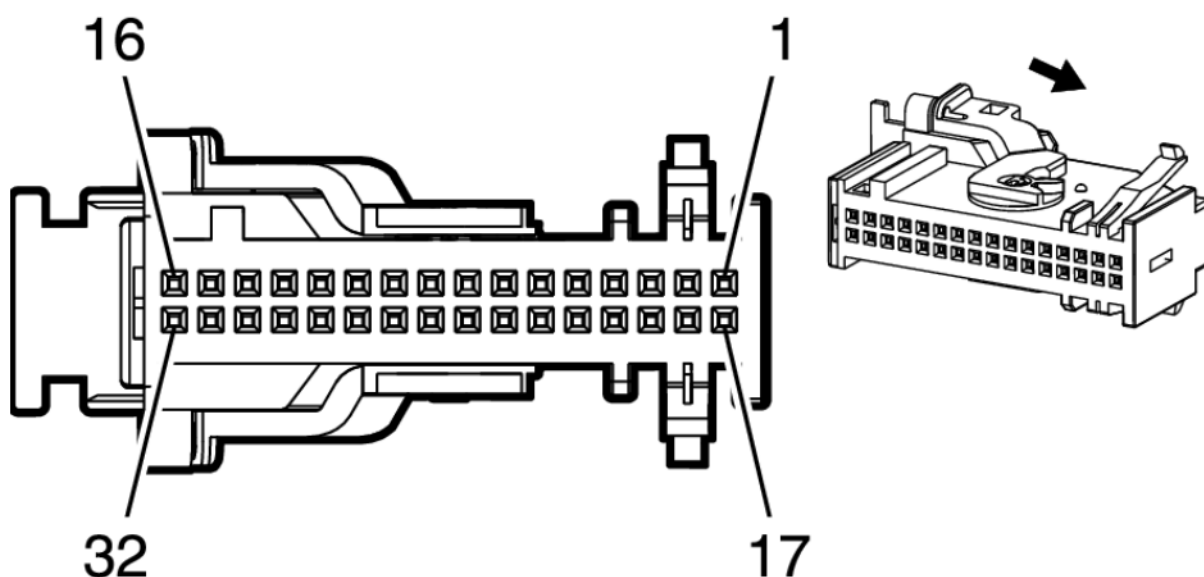
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	BU	2307	Passenger Air Bag On Indicator Control	I	-
2	0.35	BK	2550	Ground	II	-
3	0.13	GN	2308	Passenger Air Bag Off Indicator Control	I	-
4	0.35	VT/GY	139	Run/Crank Ignition 1 Voltage	II	-
5	0.13	VT	5234	Passenger Seat Belt Indicator Control	I	-
6	-	-	-	Not Occupied	-	-

P16 INSTRUMENT CLUSTER





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12198036
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK)

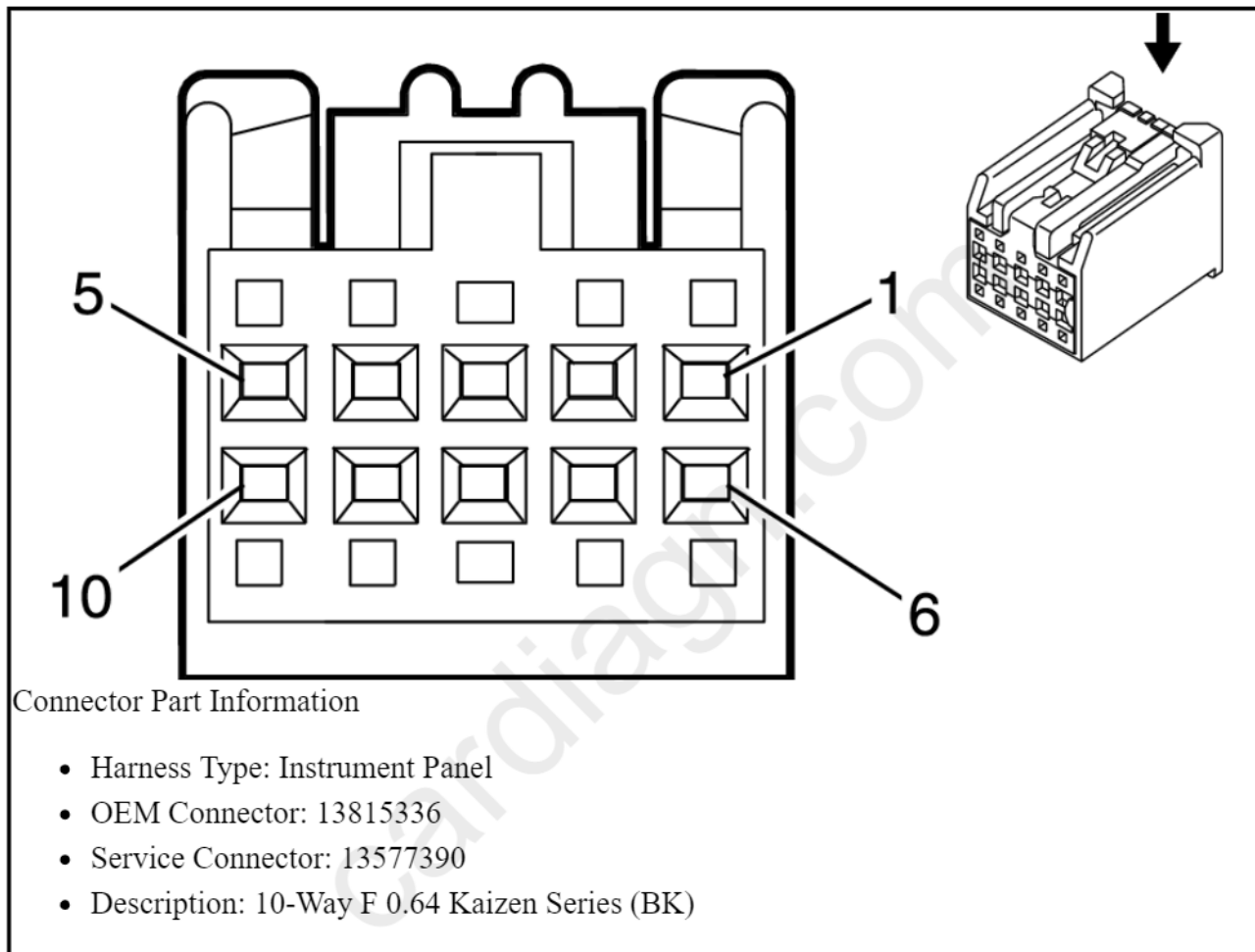
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575782	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
2	0.35	GY	3998	MOST Serial Data (+)	I	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	3999	MOST Control	I	-
7	0.5	RD/BU	3240	Battery Positive Voltage	I	-
8	0.35	VT/GY	139	Run/Crank Ignition 1 Voltage	I	-
9 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.35	BN/WH	419	Check Engine Indicator Control	I	-
17	0.35	GY	3998	MOST Serial Data (+)	I	-
18	0.35	WH/BU	3997	MOST Serial Data (-)	I	-
19	0.5	BK	1650	Ground	I	-
20	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
21 - 23	-	-	-	Not Occupied	-	-
24	0.35	VT	185	Low Washer Fluid Indicator Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
25	0.35	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-
26	-	-	-	Not Occupied	-	-
27	0.35	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
28 - 29	-	-	-	Not Occupied	-	-
30	0.35	WH/GN	3535	Reflected LED Display Dimming Control	I	-
31 - 32	-	-	-	Not Occupied	-	-

P17 INFO DISPLAY MODULE X1



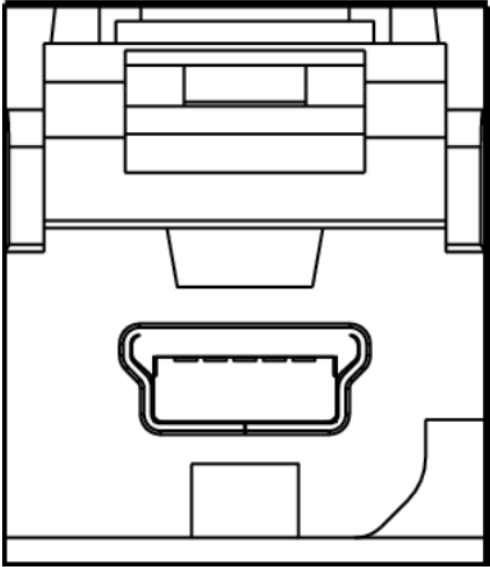
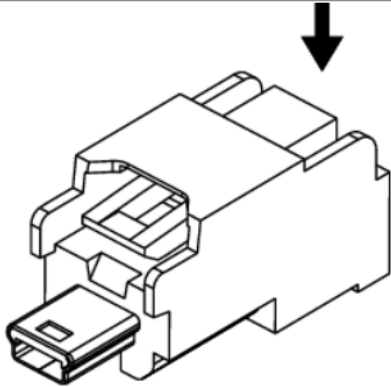
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3240	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	BK	1750	Ground	I	-

P17 INFO DISPLAY MODULE X2

Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13871468
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

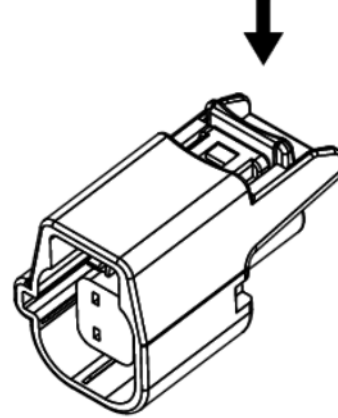
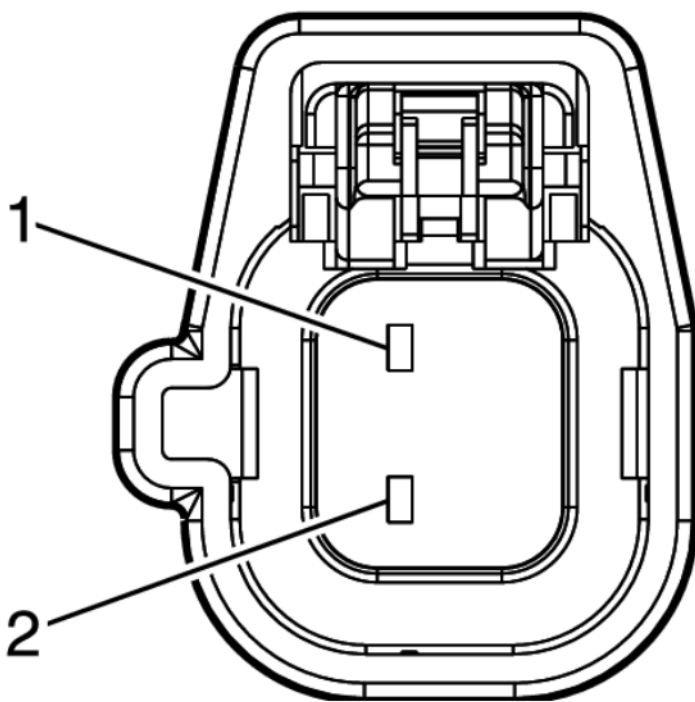
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

P19AG SPEAKER - LEFT FRONT DOOR (UQG)





Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 33113086
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

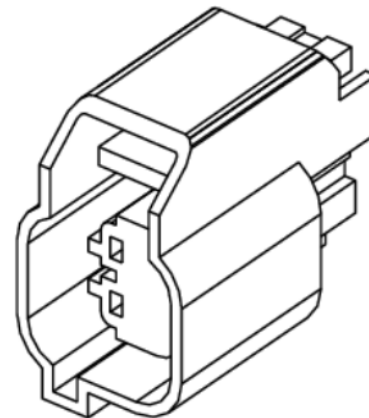
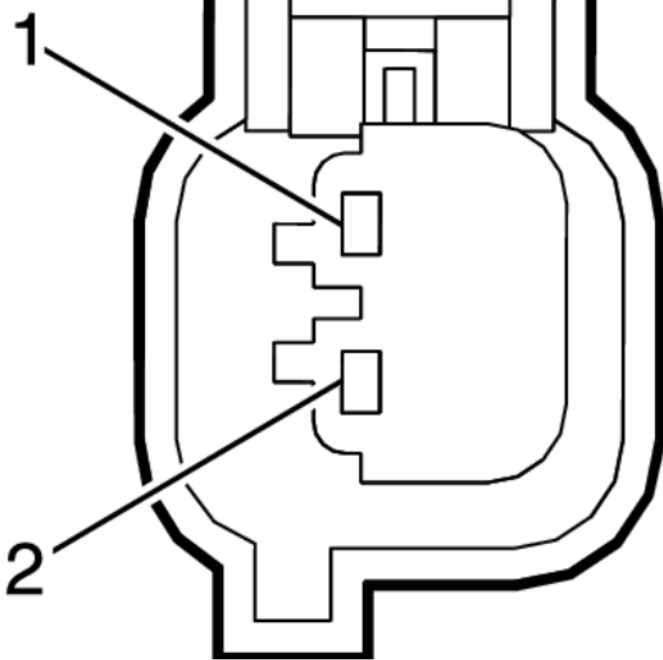
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	1	BU	201	Left Front Speaker Control (+) 1	I	-

P19AG SPEAKER - LEFT FRONT DOOR (UQS)





Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13667983
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (NA)

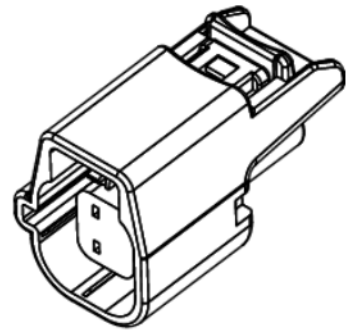
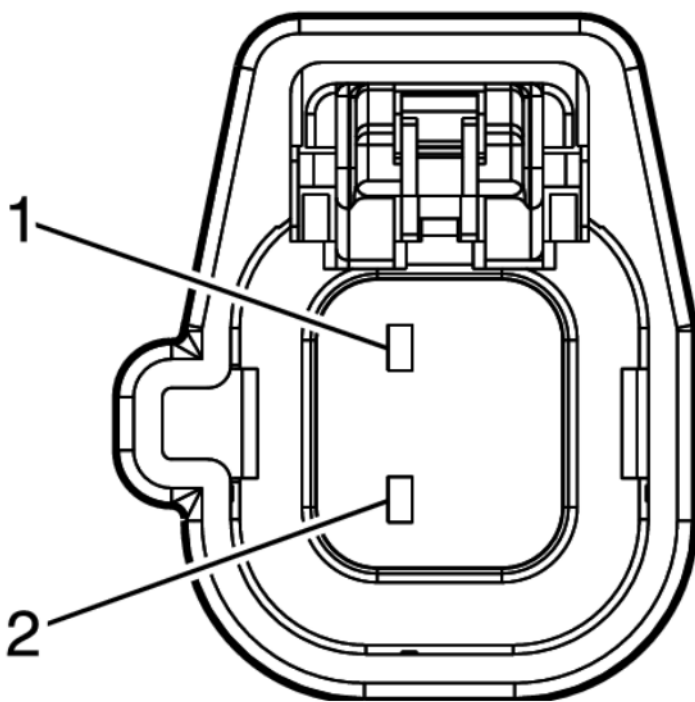
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	1.5	BU	201	Left Front Speaker Control (+) 1	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQG)





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 33113086
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

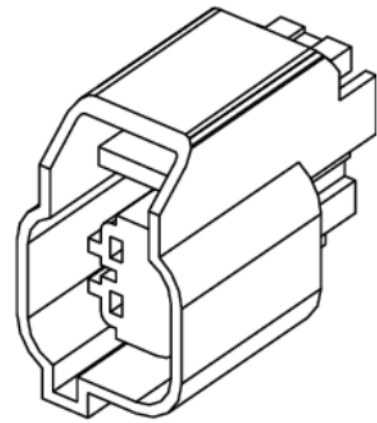
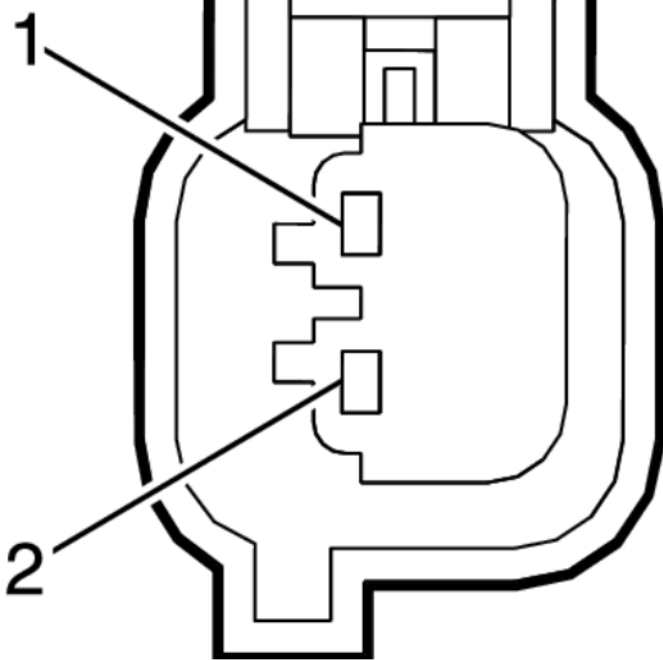
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	1	YE	200	Right Front Speaker Control (+) 1	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQS)





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13667983
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (NA)

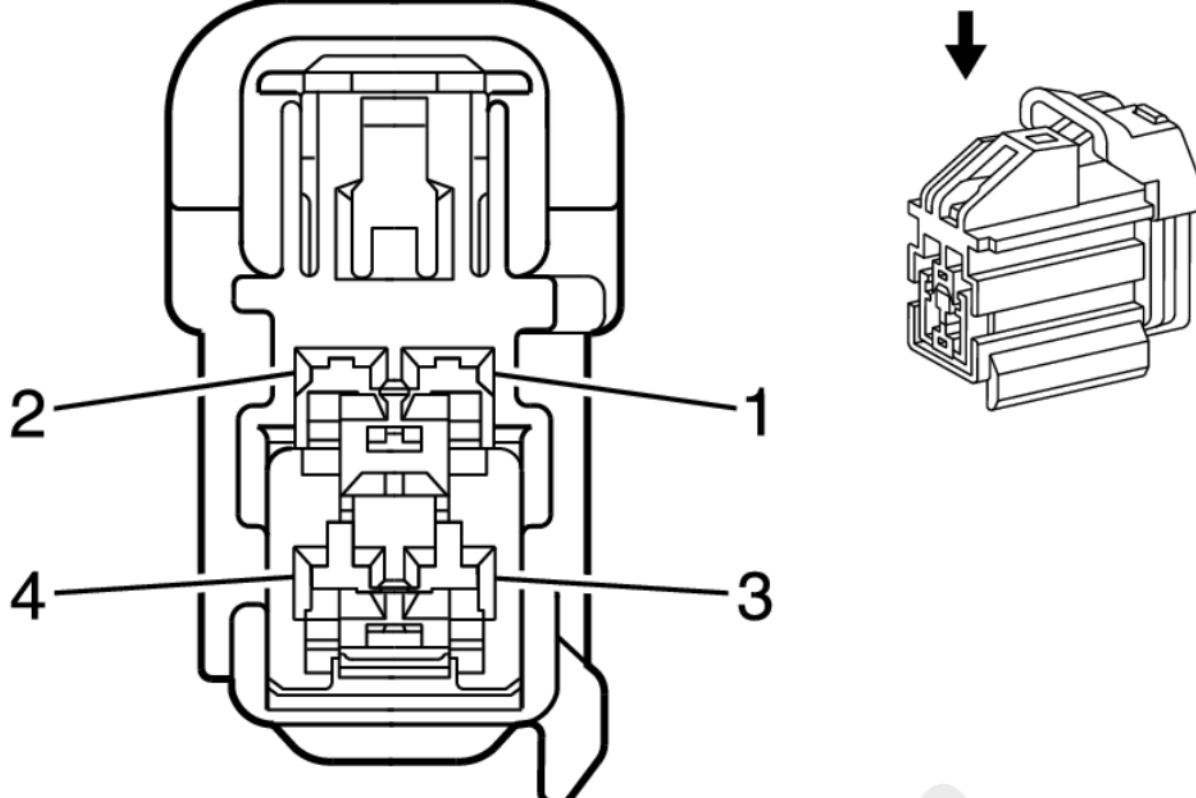
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	-

P19AJ SPEAKER - LEFT REAR WINDOW SHELF





Connector Part Information

- Harness Type: Body
- OEM Connector: 10846820
- Service Connector: 19367527
- Description: 4-Way F YESC Kaizen Series (L-GY)

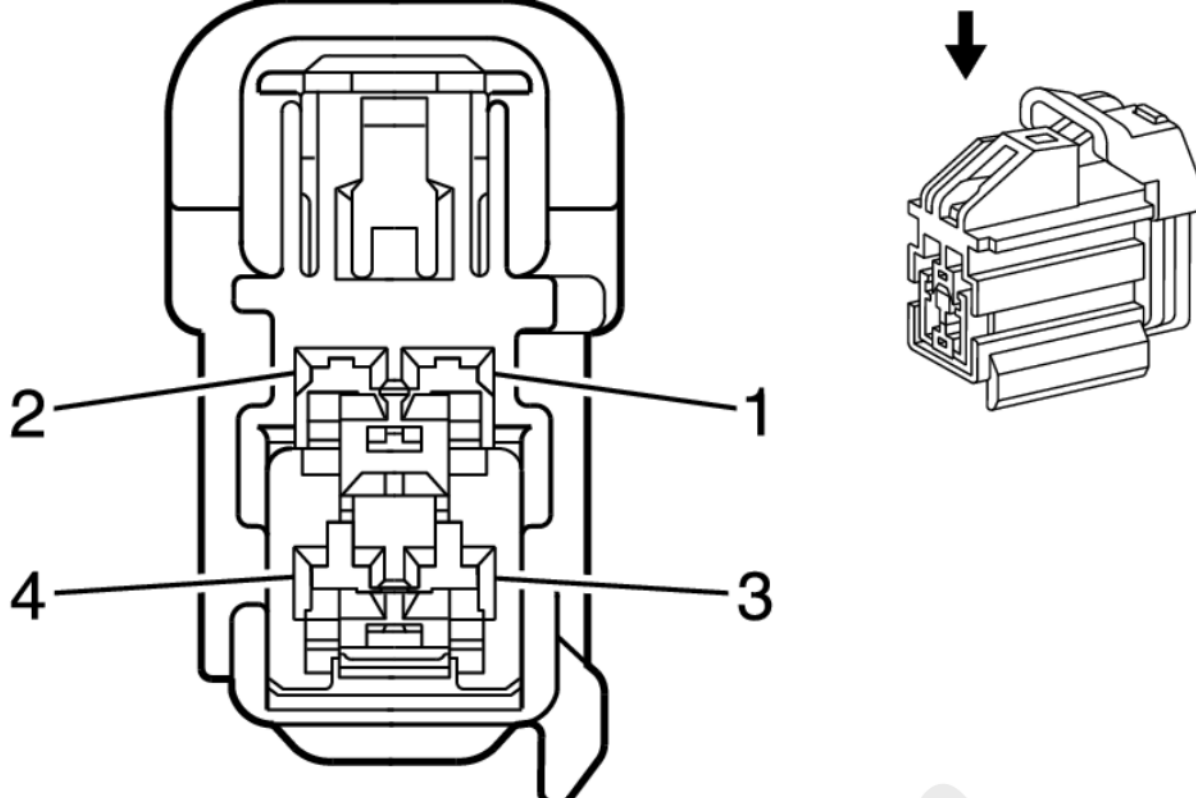
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	-
2	1.5	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	-
3	1	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	-
4	1	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	-

P19AK SPEAKER - RIGHT REAR WINDOW SHELF





Connector Part Information

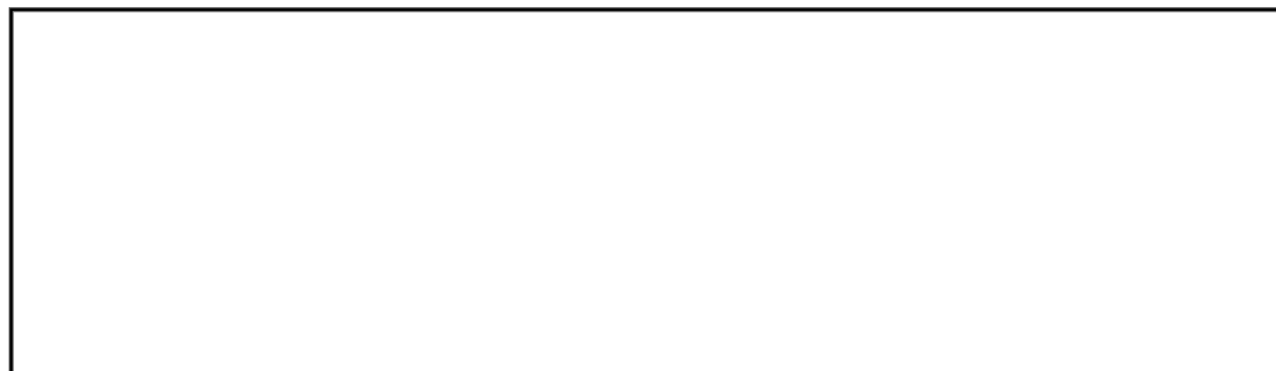
- Harness Type: Body
- OEM Connector: 7283-6449-40
- Service Connector: 88988452
- Description: 4-Way F Kaizen YESC Series (L-GY)

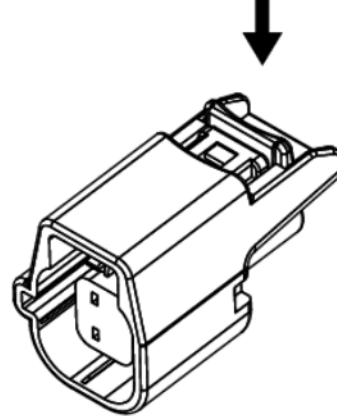
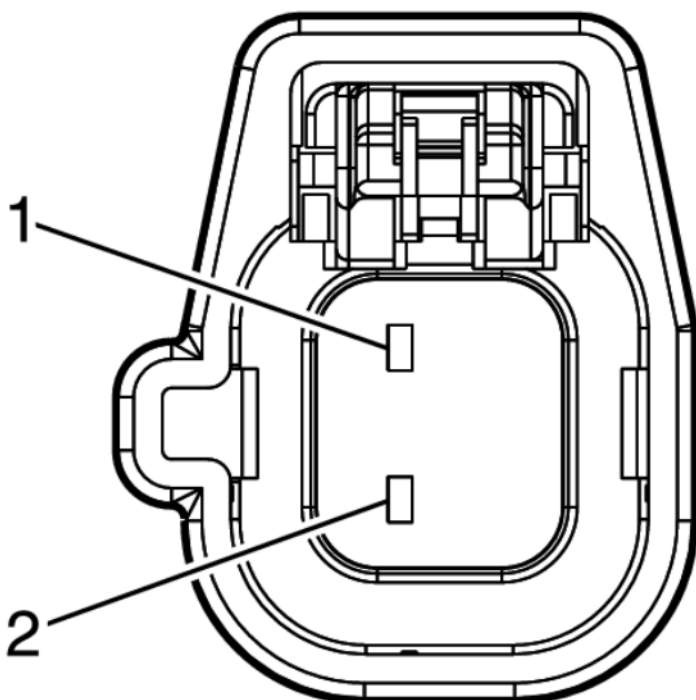
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	L-GN/VT	1795	Right Subwoofer Speaker Control (+)	I	-
2	1.5	GY/BK	315	Right Subwoofer Speaker (-) Low Reference	I	-
3	1	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	-
4	1	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQG)





Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 33113086
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

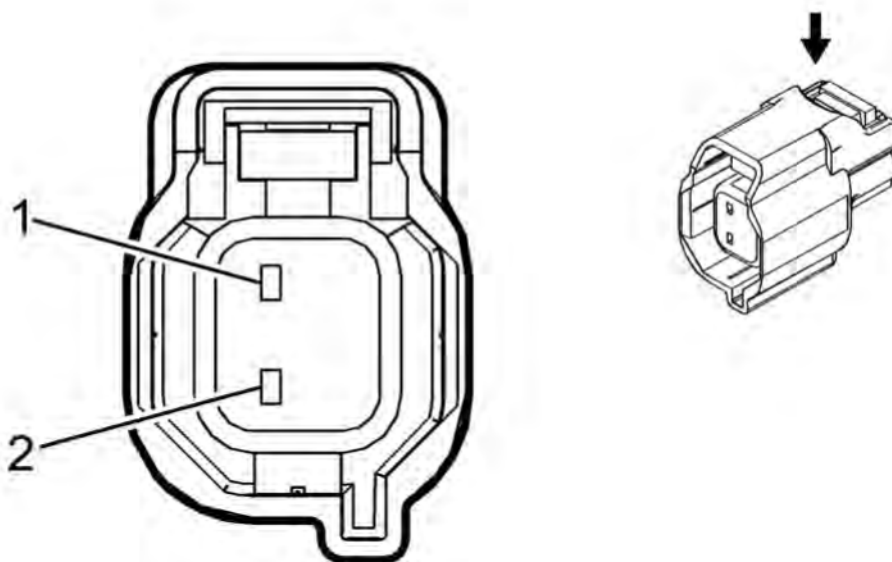
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	1	GN	199	Left Rear Speaker Control (+)	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQS)





Connector Part Information

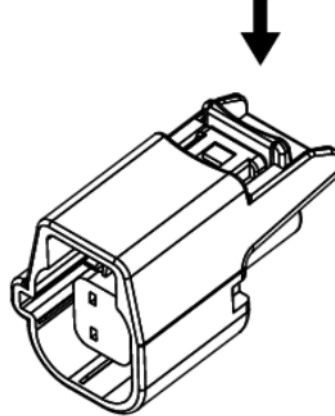
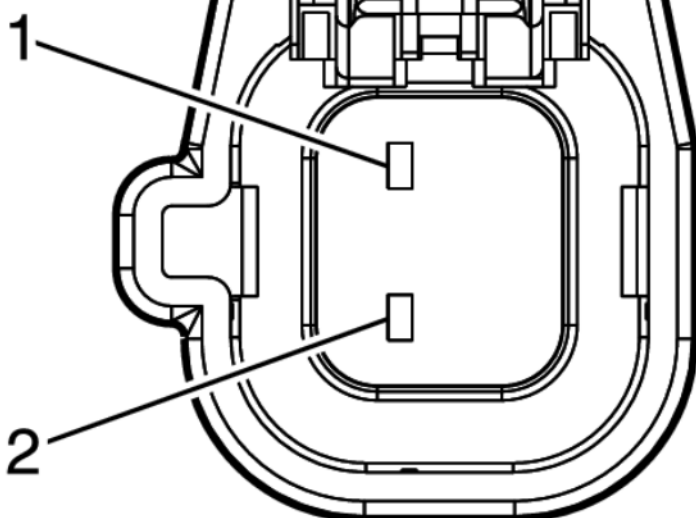
- Harness Type: Left Rear Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	0.75	GN	199	Left Rear Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQG)



Connector Part Information

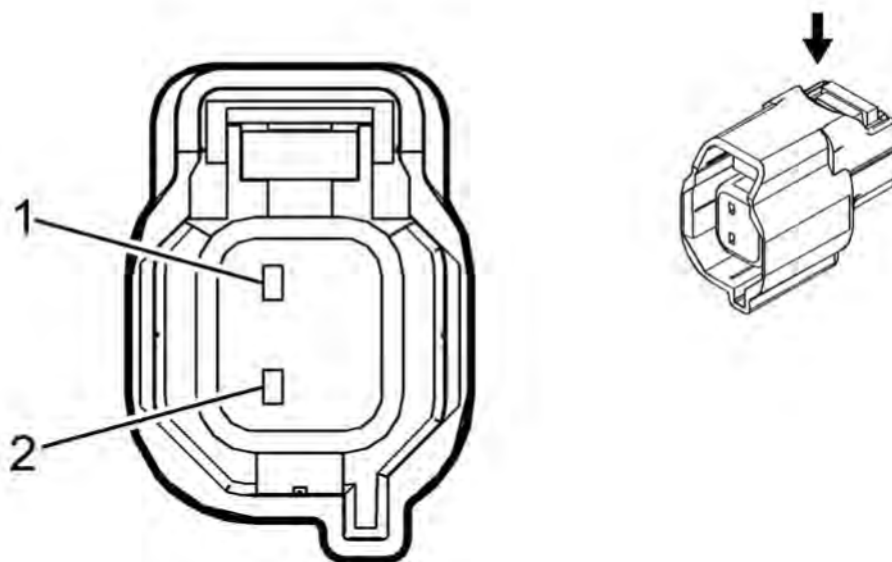
- Harness Type: Right Rear Door
- OEM Connector: 33113086
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BU/BK	115	Right Rear Speaker Signal (-)	I	-
2	1	WH	46	Right Rear Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQS)



Connector Part Information

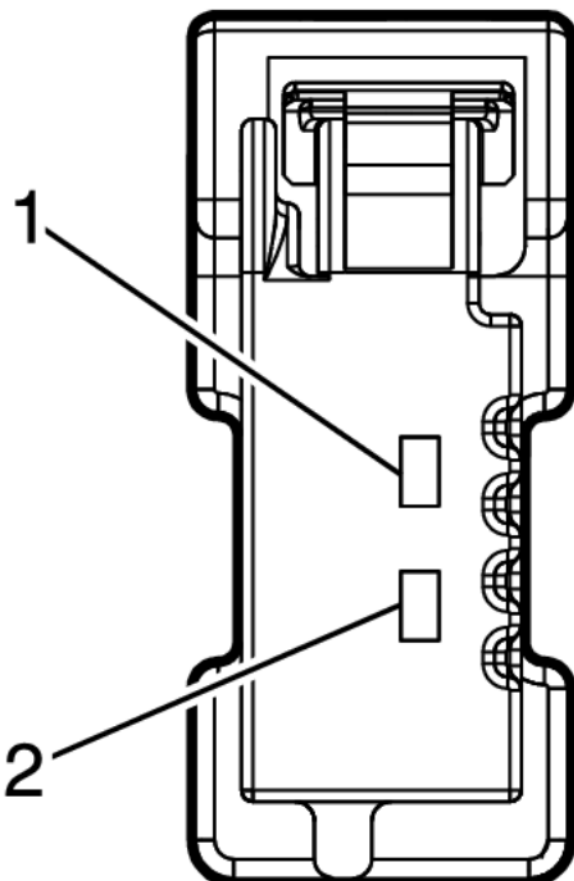
- Harness Type: Right Rear Door
- OEM Connector: 15503634
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
2	0.75	WH	46	Right Rear Speaker Control (+)	I	-

P19B SPEAKER - CENTER INSTRUMENT PANEL



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

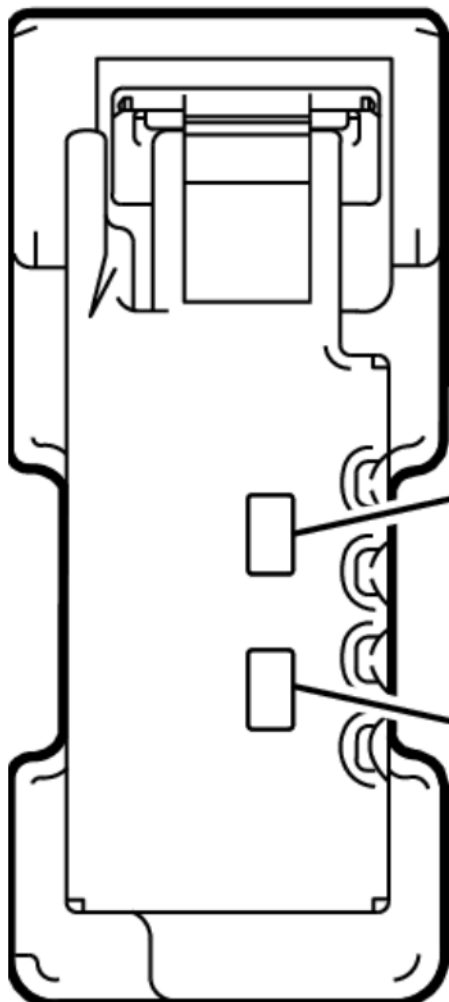
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
2	0.75	YE/WH	1860	Front Center Speaker Control (+)	I	-

P19H SPEAKER - LEFT FRONT TWEETER (UQG)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13682170
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

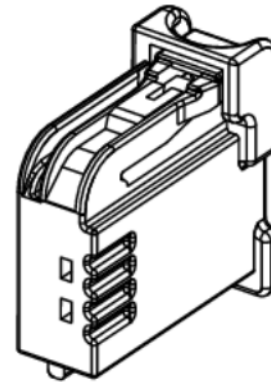
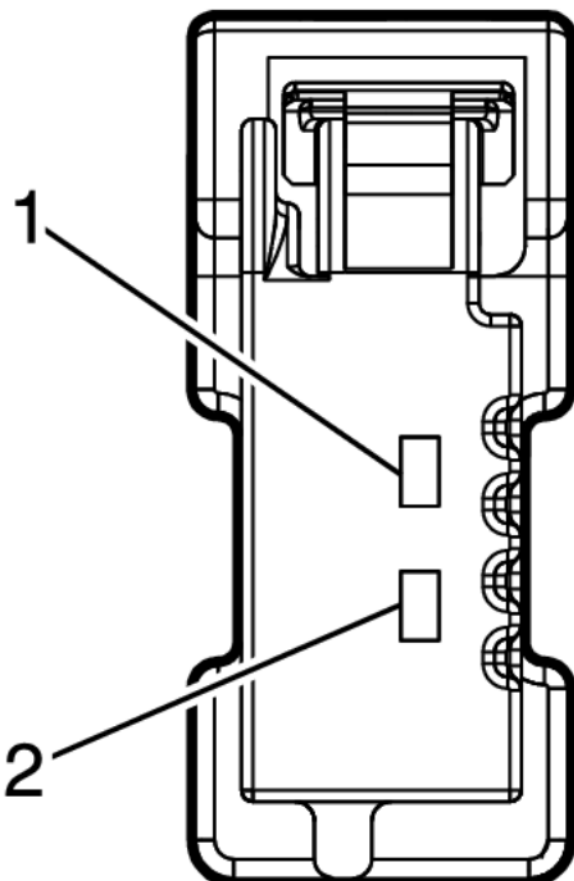
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/GY	1956	Left Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	YE/BU	1856	Left Front Tweeter Speaker Control (+)	I	-

P19H SPEAKER - LEFT FRONT TWEETER (UQS)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

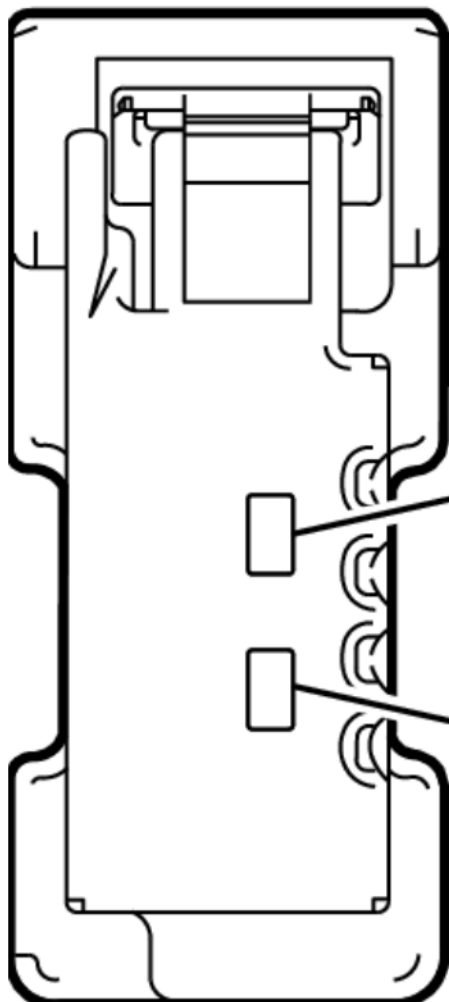
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/GY	1956	Left Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	YE/BU	1856	Left Front Tweeter Speaker Control (+)	I	-

P19V SPEAKER - RIGHT FRONT TWEETER (UQG)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13682170
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

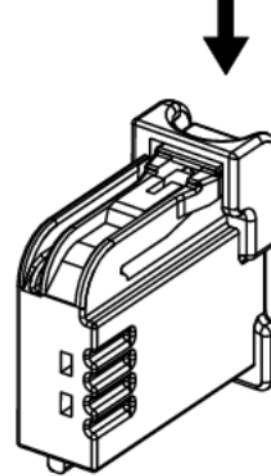
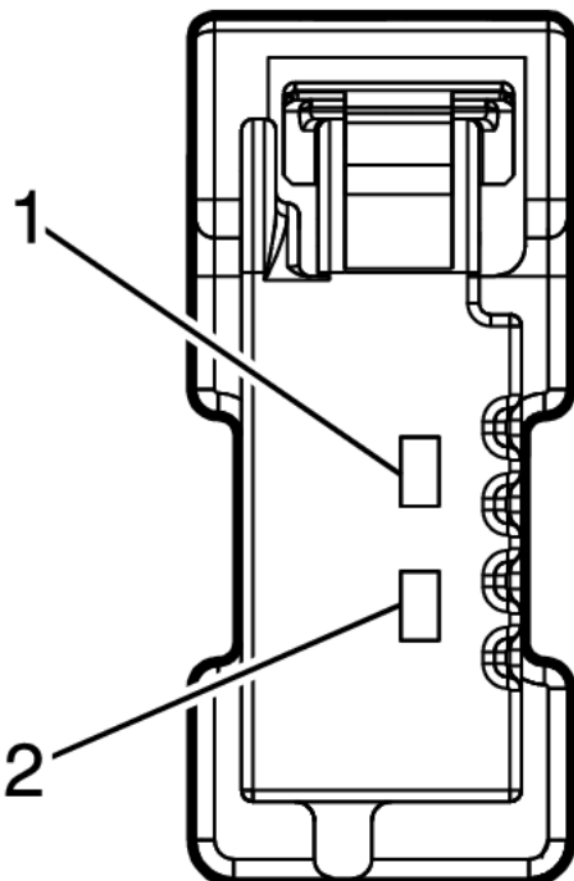
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/BN	1952	Right Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	BN/GN	1852	Right Front Tweeter Speaker Control (+)	I	-

P19V SPEAKER - RIGHT FRONT TWEETER (UQS)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13608099
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

Terminal Part Information

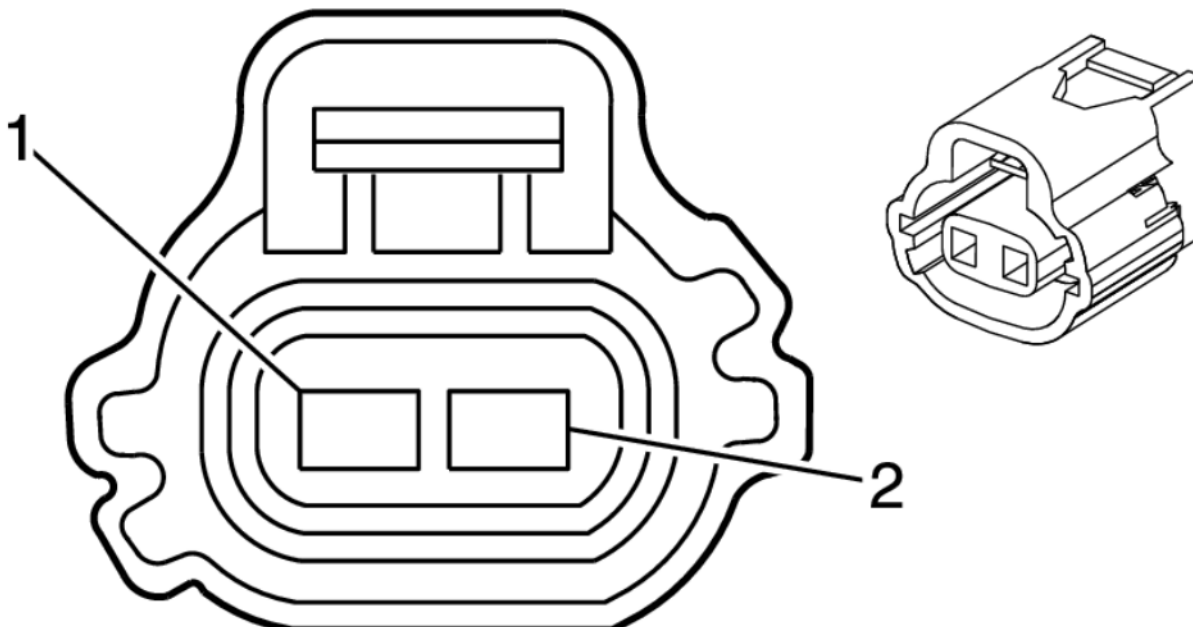
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I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/BN	1952	Right Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	BN/GN	1852	Right Front Tweeter Speaker Control (+)	I	-

P43 COLLISION ALERT INDICATORS

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Connector Part Information



Connector Part Information

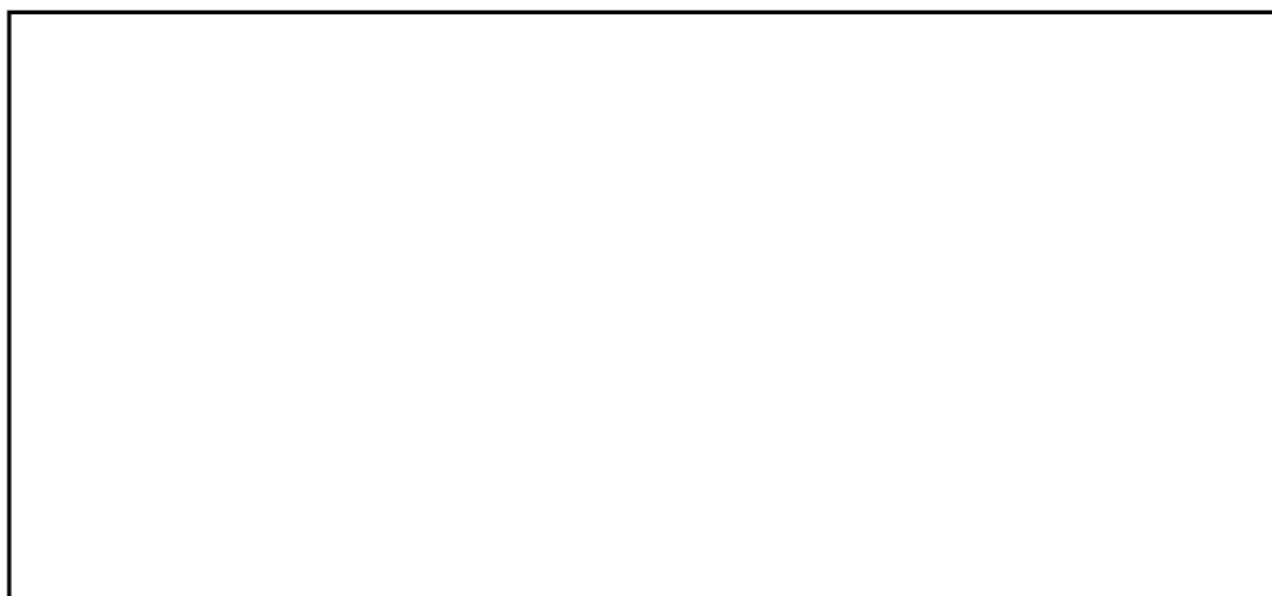
- Harness Type: Engine
- OEM Connector: 15411401
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

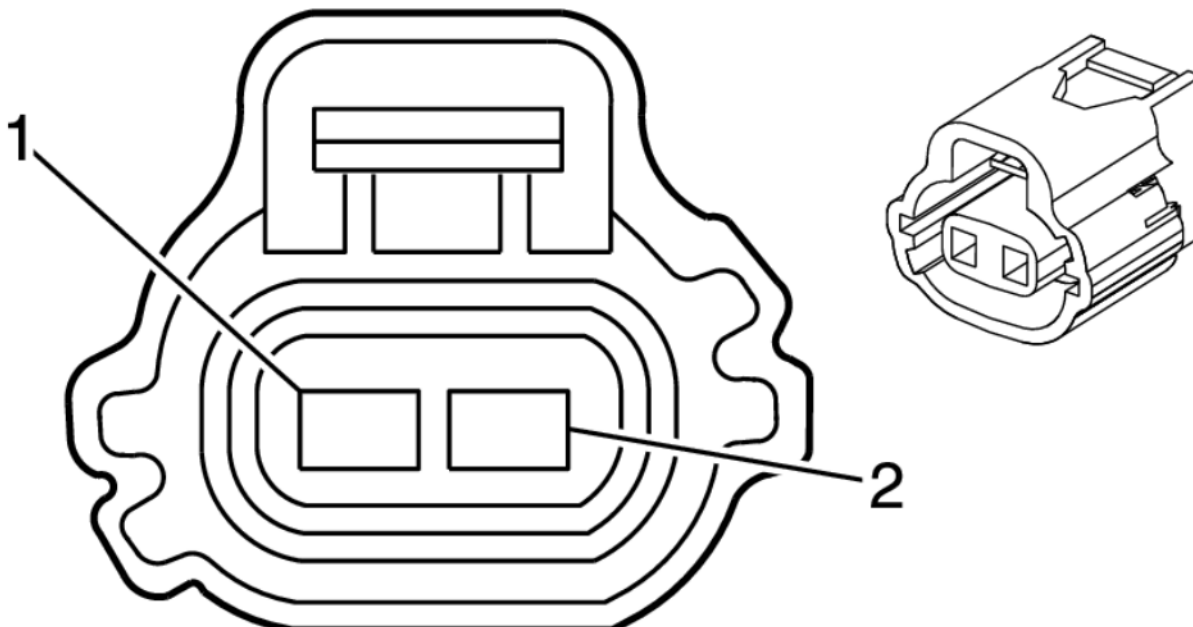
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	LCV
	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	LFX
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-

Q6B CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 1 INTAKE





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15411401
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

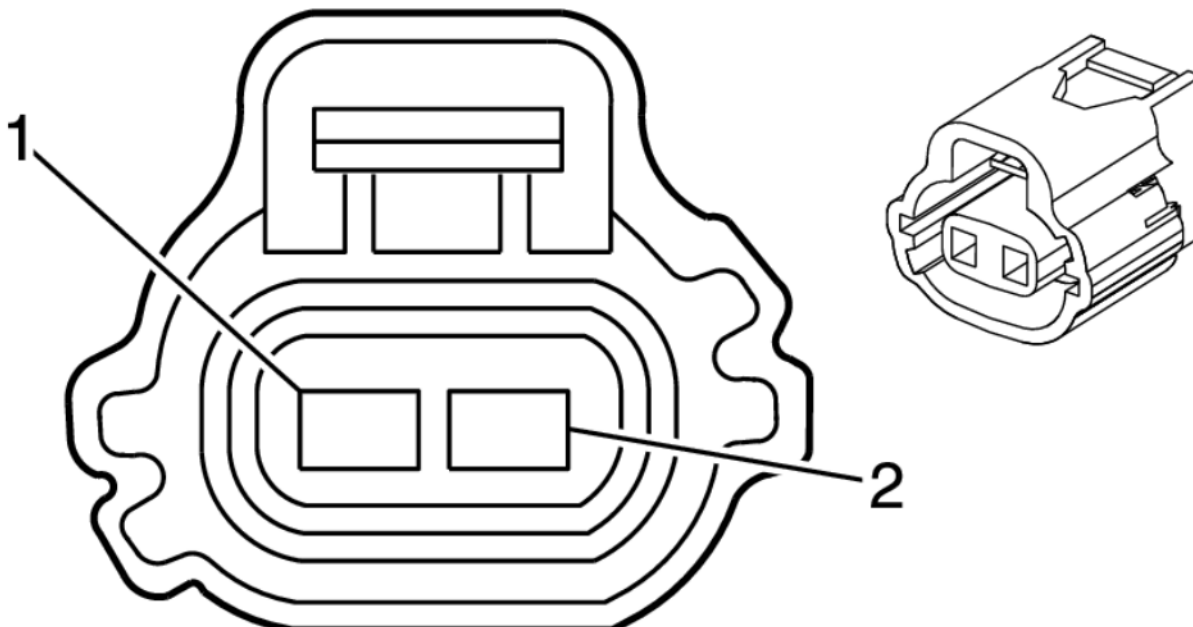
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	LFR
	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	LFX
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-

Q6C CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 EXHAUST





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15411401
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

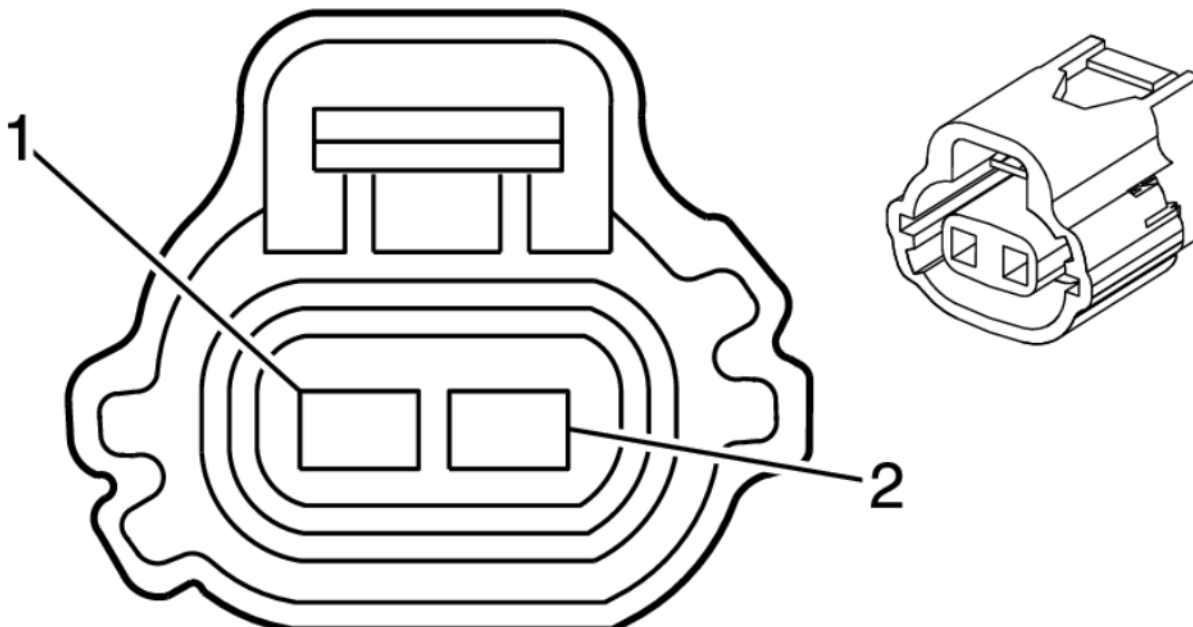
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BN	5293	Powertrain Main Relay Fused Supply 4	I	LCV
	0.5	VT/BU	5283	Camshaft Phaser Exhaust Solenoid 2	I	LFX
2	0.5	BK/GY	6756	Cam Phaser Z Low Reference	I	-

Q6D CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 INTAKE





Connector Part Information

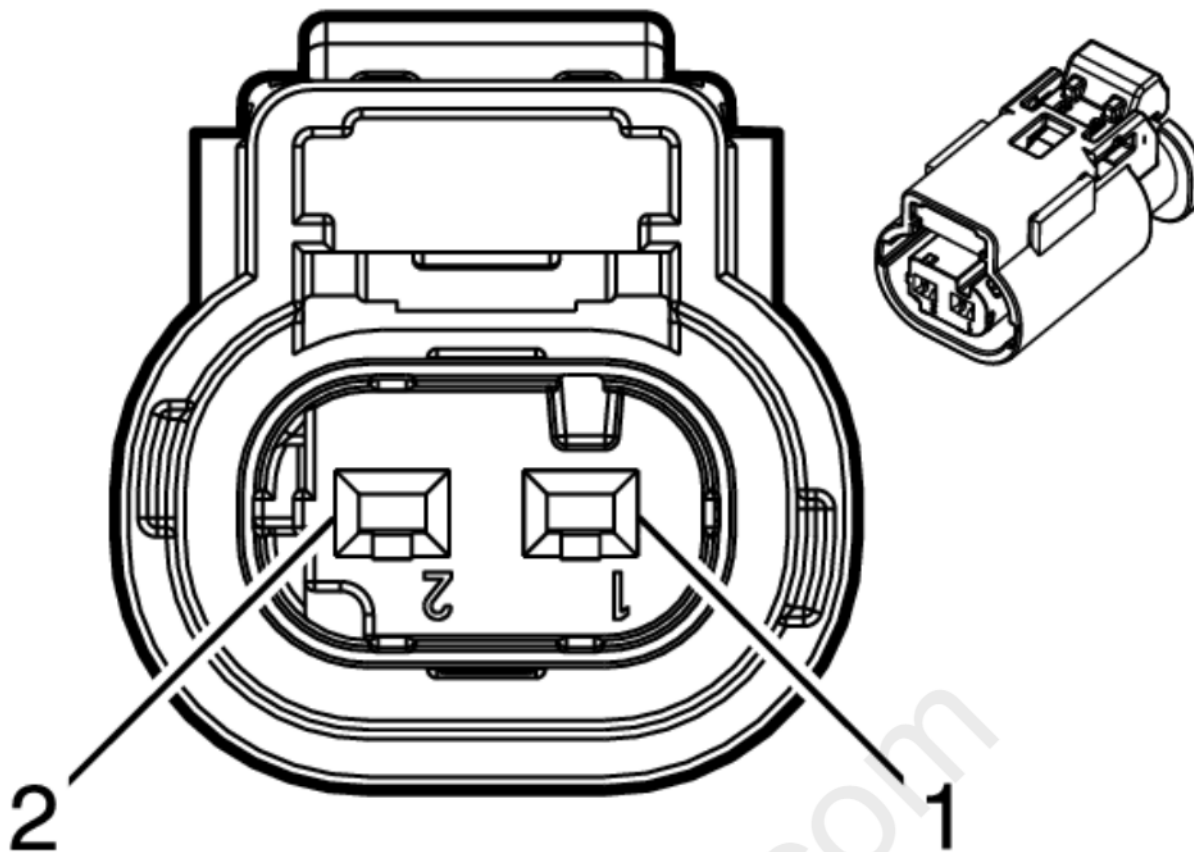
- Harness Type: Engine
- OEM Connector: 15411401
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	VT/BU GN	5293 5272	Powertrain Main Relay Fused Supply 4 Camshaft Phaser Intake Solenoid 2	I I	LCV LFX
2	0.5	BK/BU	6755	Cam Phaser Y Low Reference	I	-

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

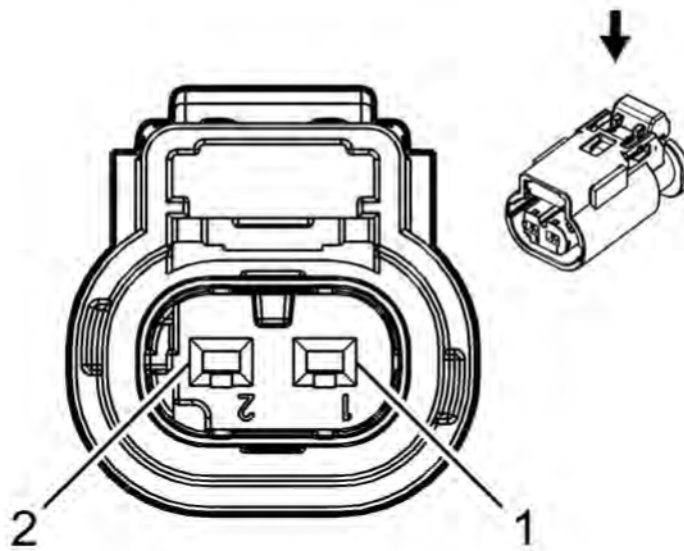
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE





Connector Part Information

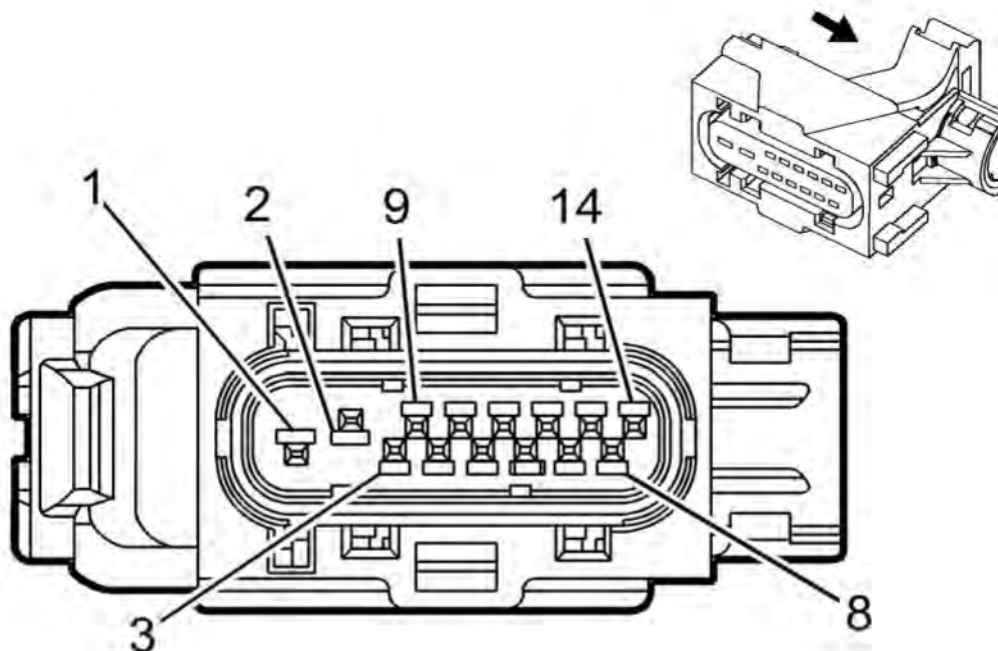
- Harness Type: Engine
- OEM Connector: 13735325
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	-
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1 (LCV)



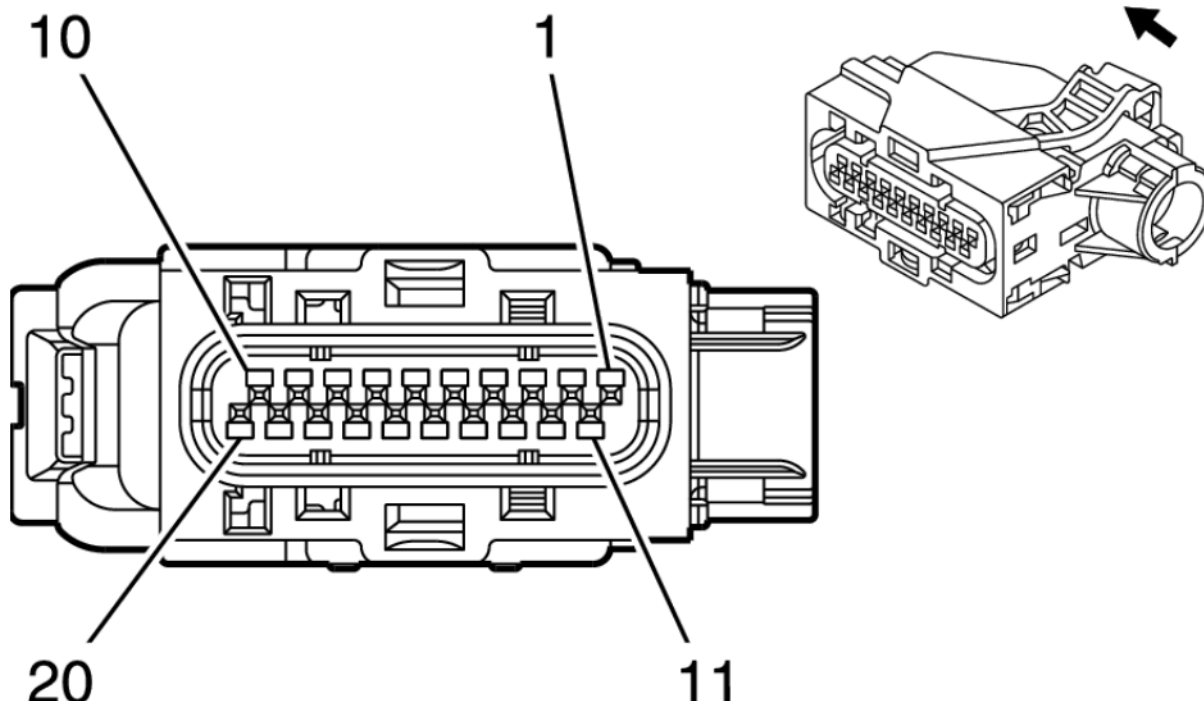
Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575400	J-35616-14 (GN)	J-38125-553	15326267	Delphi 19	E	4
II	19353345	J-35616-4A (PU)	J-38125-553	15304719	Delphi 19	2	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/GN	1840	Battery Positive Voltage	II	-
2	0.75	BK/WH	451	Signal Ground	II	-
3	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
7	0.5	BU/RD	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.5	WH/BK	2501	High Speed GMLAN Serial Data (-) 1	I	-
9 - 11	-	-	-	Not Occupied	-	-
12	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
13	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13570698
- Service Connector: 19151494
- Description: 20-Way F 150 GT Series, Sealed (D-BU with BK Case)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575400	J-35616-14 (GN)	J-38125-553	15326267	Delphi 19	E	4
II	13575400	J-35616-14 (GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK/WH	451	Signal Ground	II	-
2	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
6 - 9	-	-	-	Not Occupied	-	-
10	0.75	RD/GN	1840	Battery Positive Voltage	II	-
11	-	-	-	Not Occupied	-	-
12	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
13	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
16 - 17	-	-	-	Not Occupied	-	-
18	0.75	BK/WH	451	Signal Ground	II	-
19	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
20	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-

Q8 CONTROL SOLENOID VALVE ASSEMBLY X2 (MHG)

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Connector Part Information
• Harness Type: Transmission Internal Mode Switch • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

Terminal Part Information

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

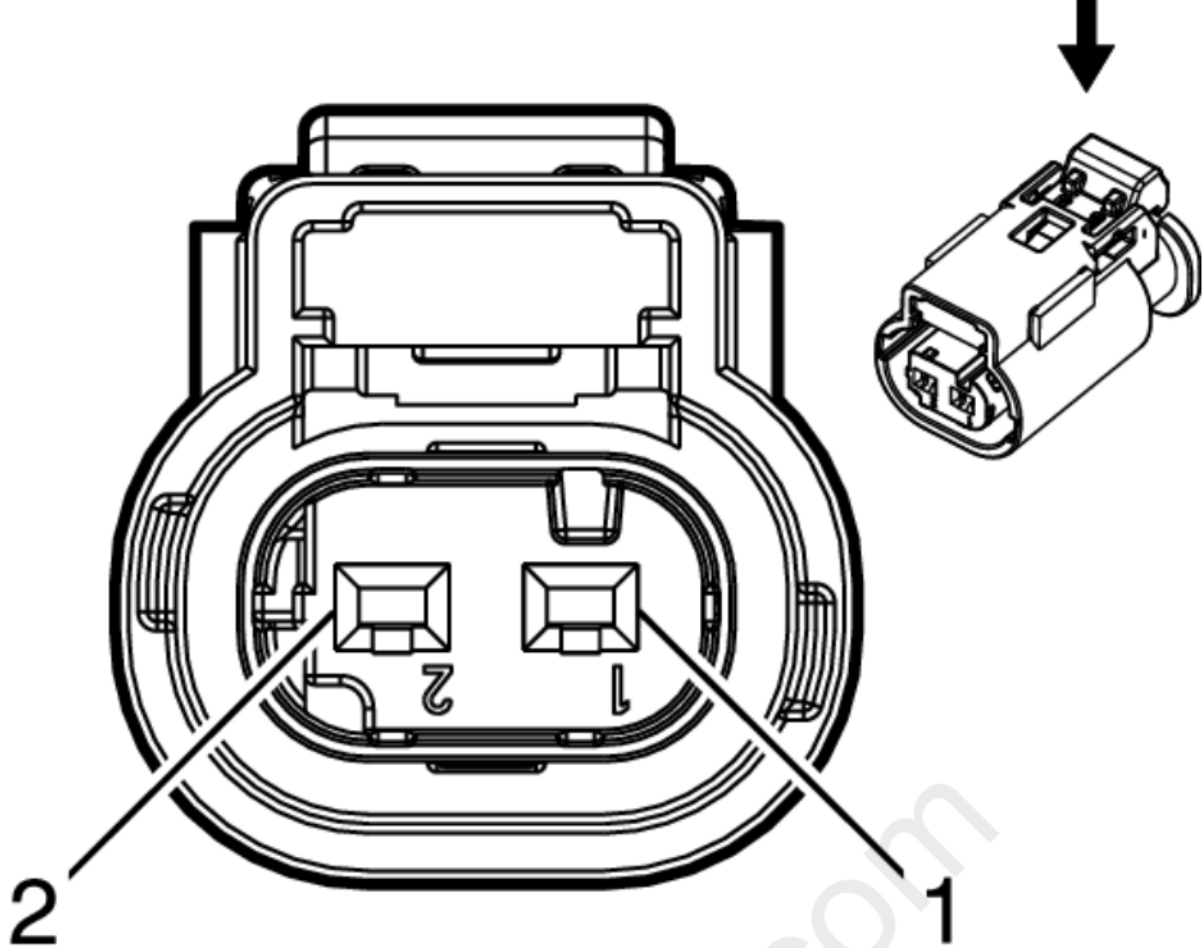
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GY	-	Low Reference	I	M7W
	0.5	BU	-	Park/Neutral Switch Signal	I	MHG
B	0.5	BK	-	Transmission Range Switch Signal P	I	M7W
	0.5	GN	-	Transmission Range Switch Signal A	I	MHG
C	0.5	YE	-	Transmission Range Switch Signal C	I	M7W
	0.5	GY	-	Transmission Range Switch Signal B	I	MHG
D	0.5	RD	-	Transmission Range Switch Signal B	I	M7W
	0.5	YE	-	Transmission Range Switch Signal C	I	MHG
E	0.5	GN	-	Transmission Range Switch Signal A	I	M7W
	0.5	RD	-	Transmission Range Switch Signal P	I	MHG
F	0.5	GN	-	Park/Neutral Switch Signal	I	M7W
	0.5	BK	-	Low Reference	I	MHG

Q8 CONTROL SOLENOID VALVE ASSEMBLY X3

-
Connector Part Information
• Harness Type: Transmission Input Shaft Speed Sensor • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 2-Way

Terminal Part Information

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

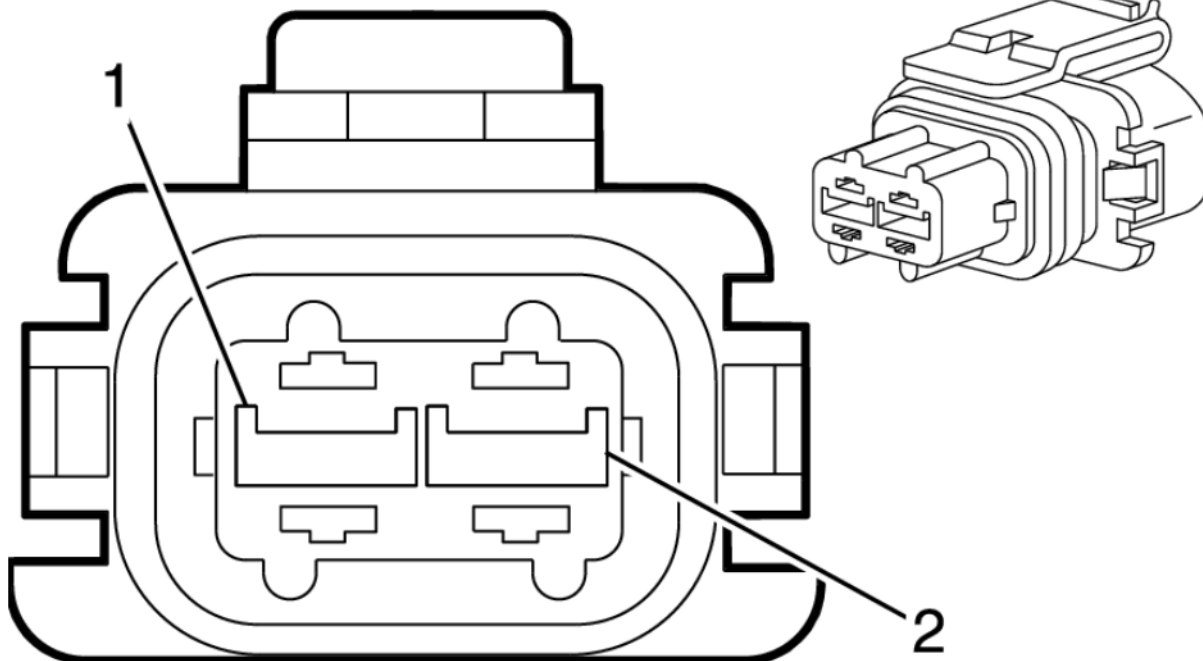
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LFR/LFX)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 10740370
- Service Connector: 88988586
- Description: 2-Way F 2.8 Junior Power Timer Series, Sealed (BK)

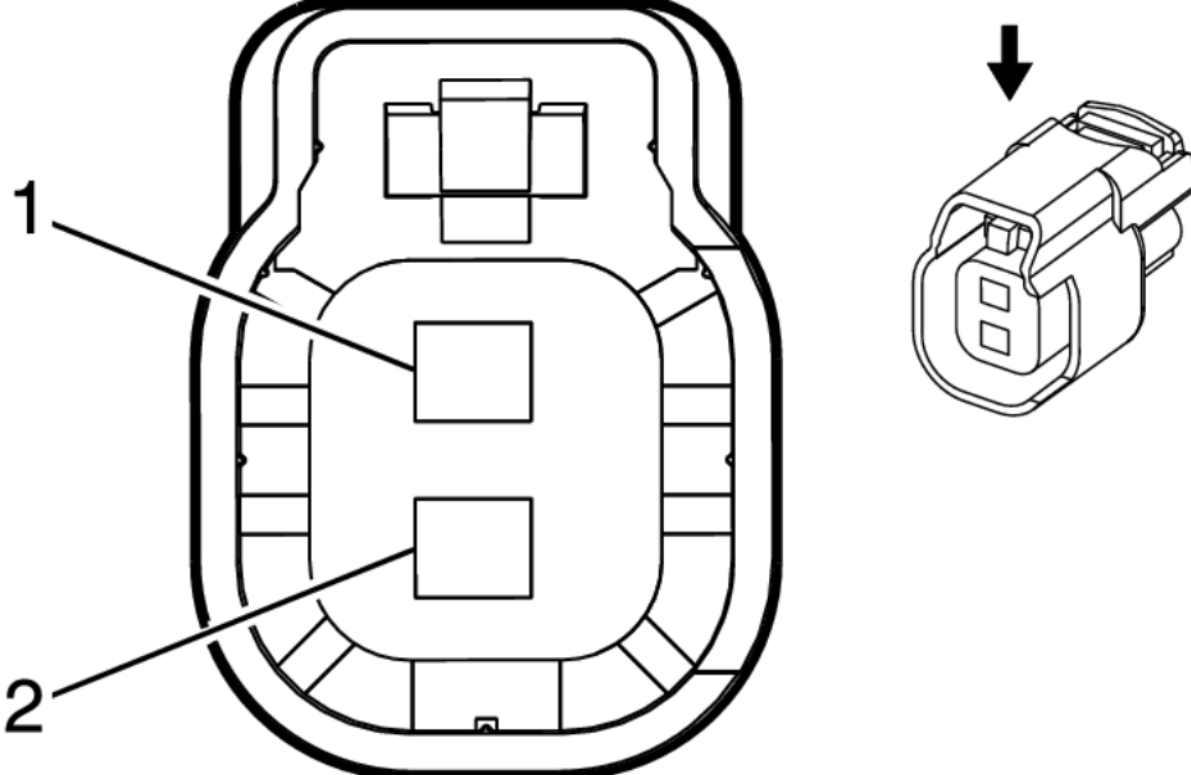
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE





Connector Part Information

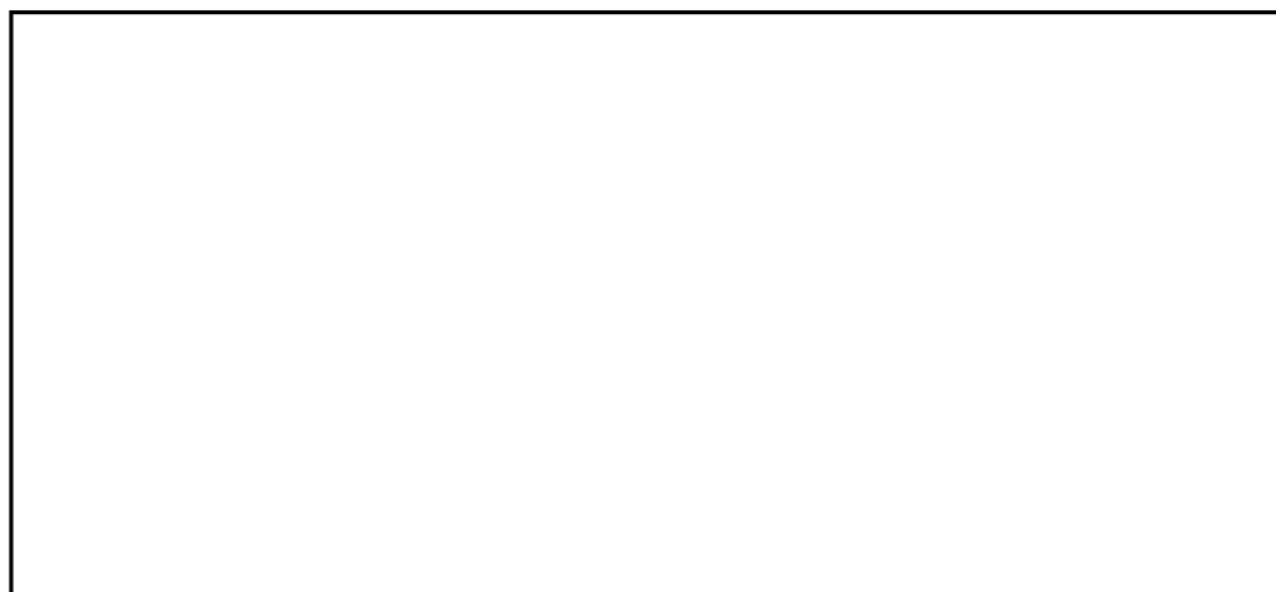
- Harness Type: Fuel Tank
- OEM Connector: 13771883
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

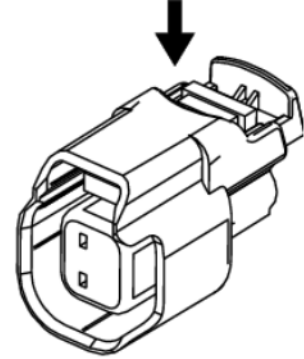
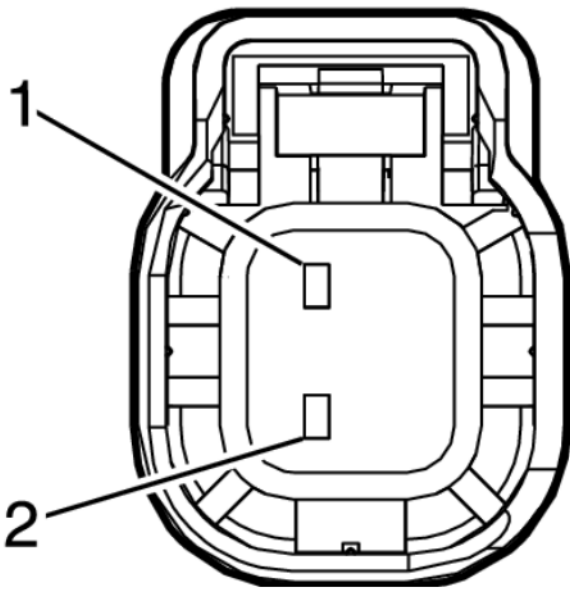
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	WH	1310	EVAP Canister Vent Solenoid Control	I	-
2	0.8	RD/BU	2440	Battery Positive Voltage	I	-

Q17A FUEL INJECTOR 1 (LCV)





Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

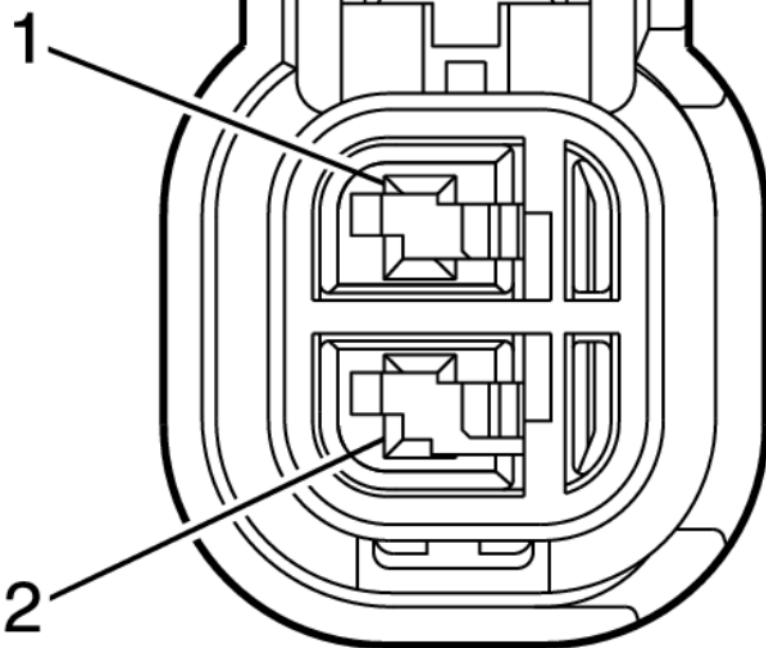
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
2	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-

Q17A FUEL INJECTOR 1 (LFR/LFX)





Connector Part Information

- Harness Type: Bank 1 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

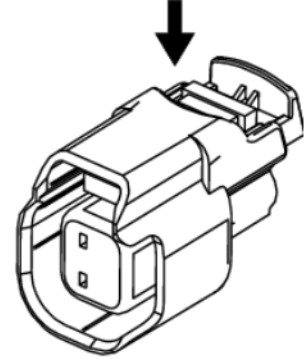
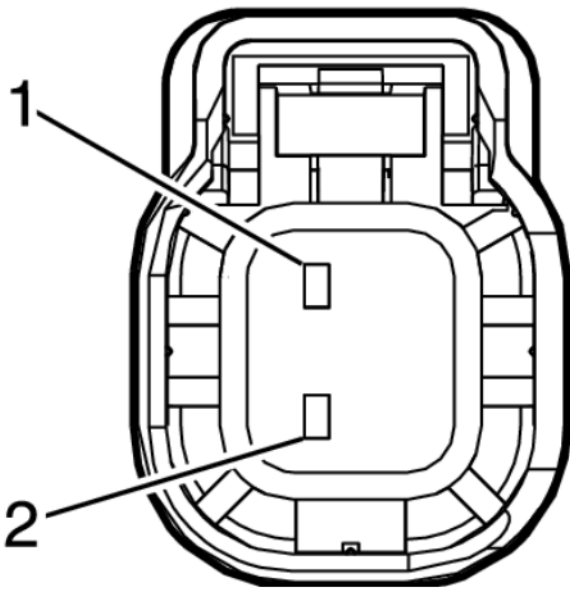
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	BN VT/BU	4801 5291	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1 Powertrain Main Relay Fused Supply 2	I I	LCV LFR
2	0.5 0.5	BN/WH GN/YE	4901 1744	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1 Fuel Injector Control 1	I I	LCV LFR

Q17B FUEL INJECTOR 2 (LCV)





Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

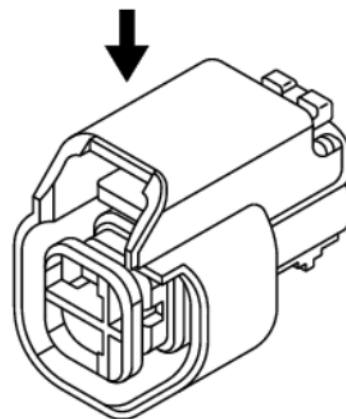
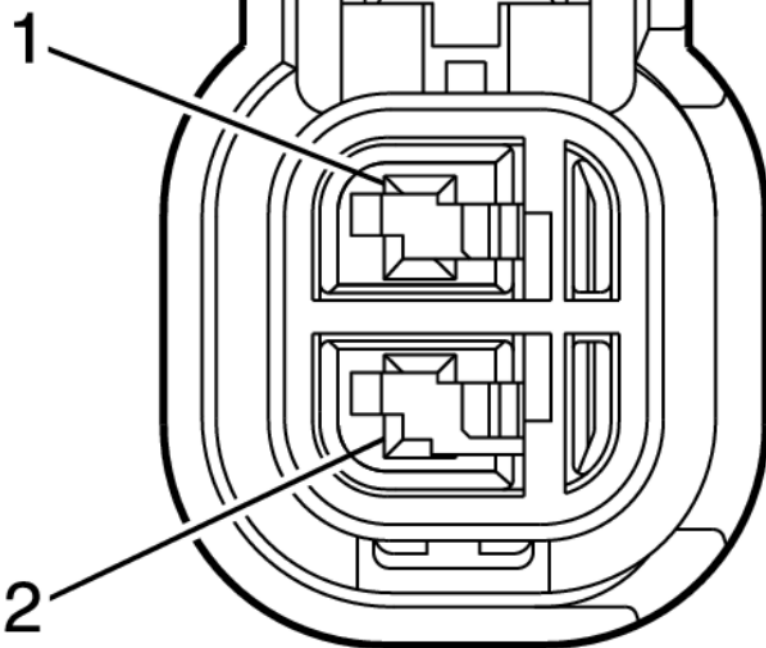
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
2	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-

Q17B FUEL INJECTOR 2 (LFR/LFX)





Connector Part Information

- Harness Type: Bank 2 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

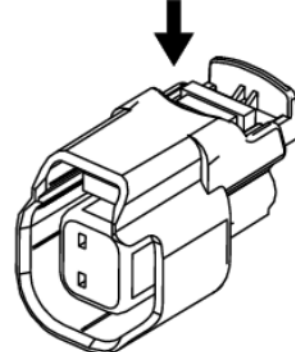
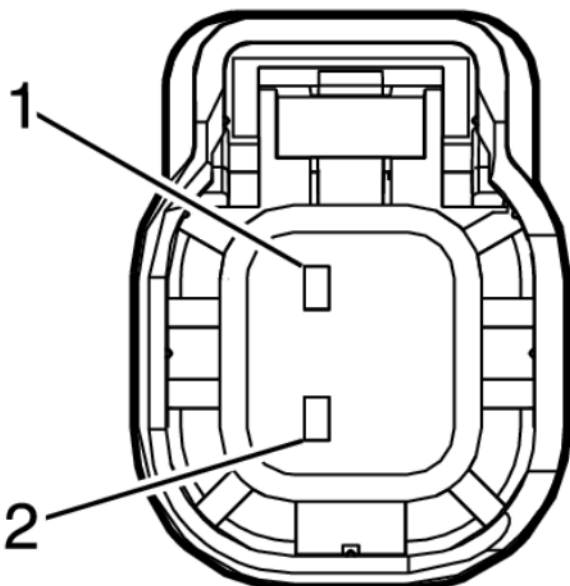
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	VT/BU BU/WH	5292 4802	Powertrain Main Relay Fused Supply 3 Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I I	LFR LFX
2	0.5 0.5	BN/VT BU/WH	1745 4902	Fuel Injector Control 2 Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I I	LFR LFX

Q17C FUEL INJECTOR 3 (LCV)





Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

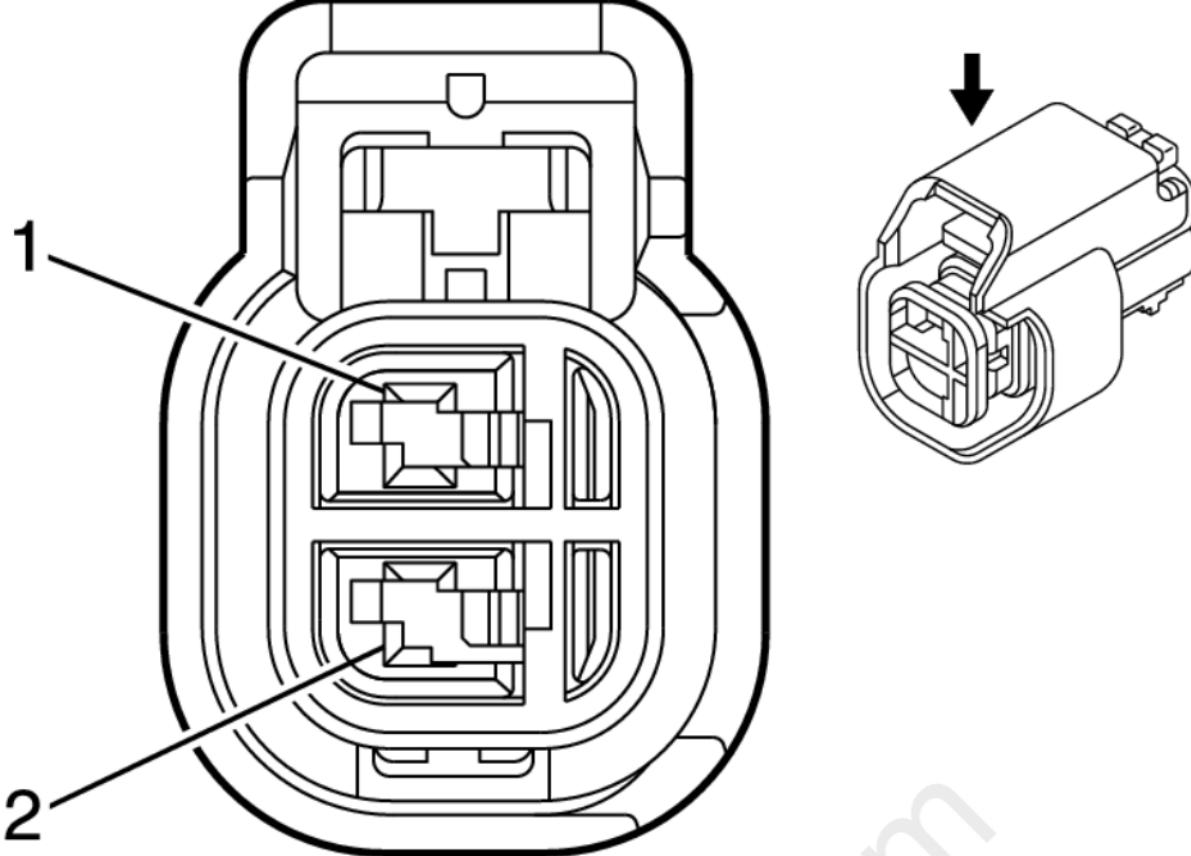
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
2	0.75	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Q17C FUEL INJECTOR 3 (LFR/LFX)





Connector Part Information

- Harness Type: Bank 1 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

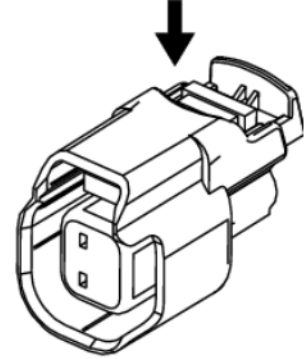
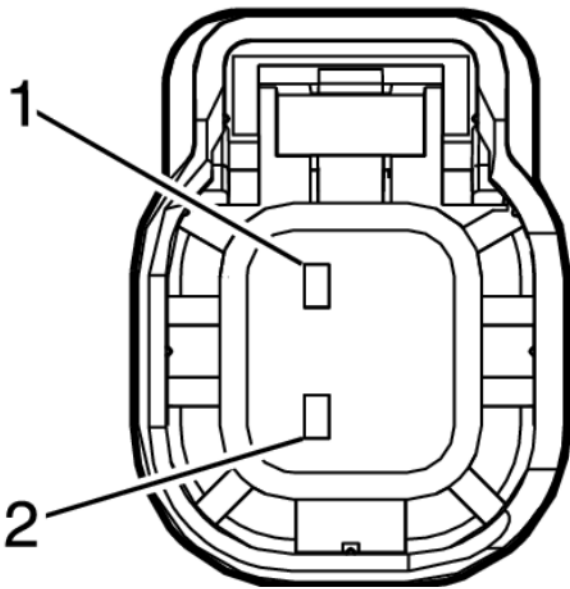
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	VT/BU GN	5291 4803	Powertrain Main Relay Fused Supply 2 Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I I	LFR LFX
2	0.5 0.5	BN/VT GN/WH	1746 4903	Fuel Injector Control 3 Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I I	LFR LFX

Q17D FUEL INJECTOR 4 (LCV)





Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

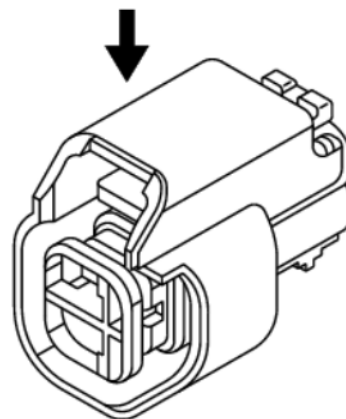
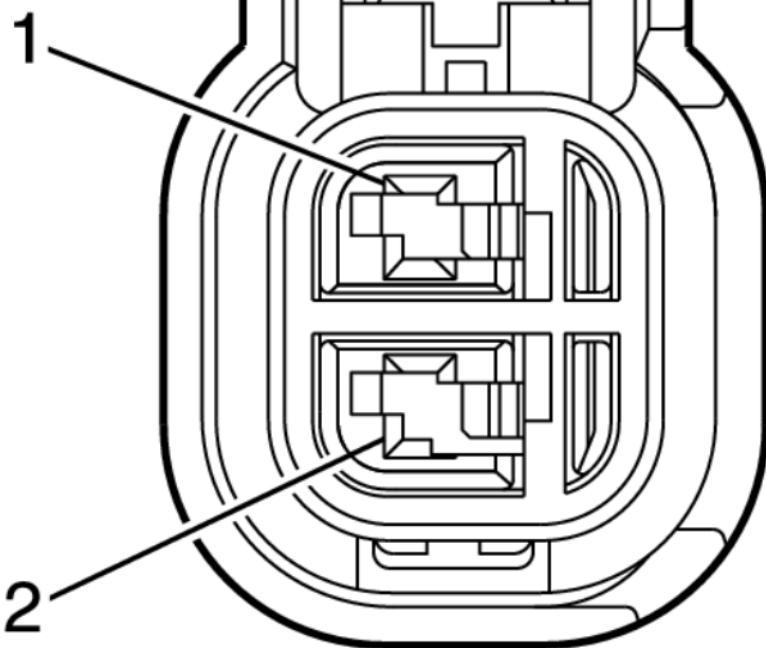
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
2	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

Q17D FUEL INJECTOR 4 (LFR/LFX)





Connector Part Information

- Harness Type: Bank 2 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

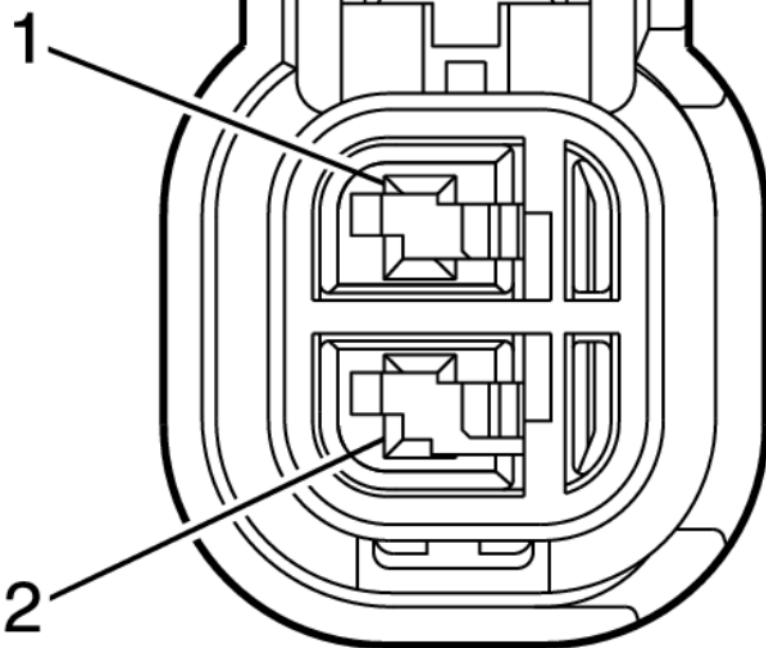
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	VT/BU BU/WH	5292 4804	Powertrain Main Relay Fused Supply 3 Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I I	LFR LFX
2	0.5 0.5	BN/YE BU/WH	844 4904	Fuel Injector Control 4 Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I I	LFR LFX

Q17E FUEL INJECTOR 5 (LFR/LFX)





Connector Part Information

- Harness Type: Bank 1 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

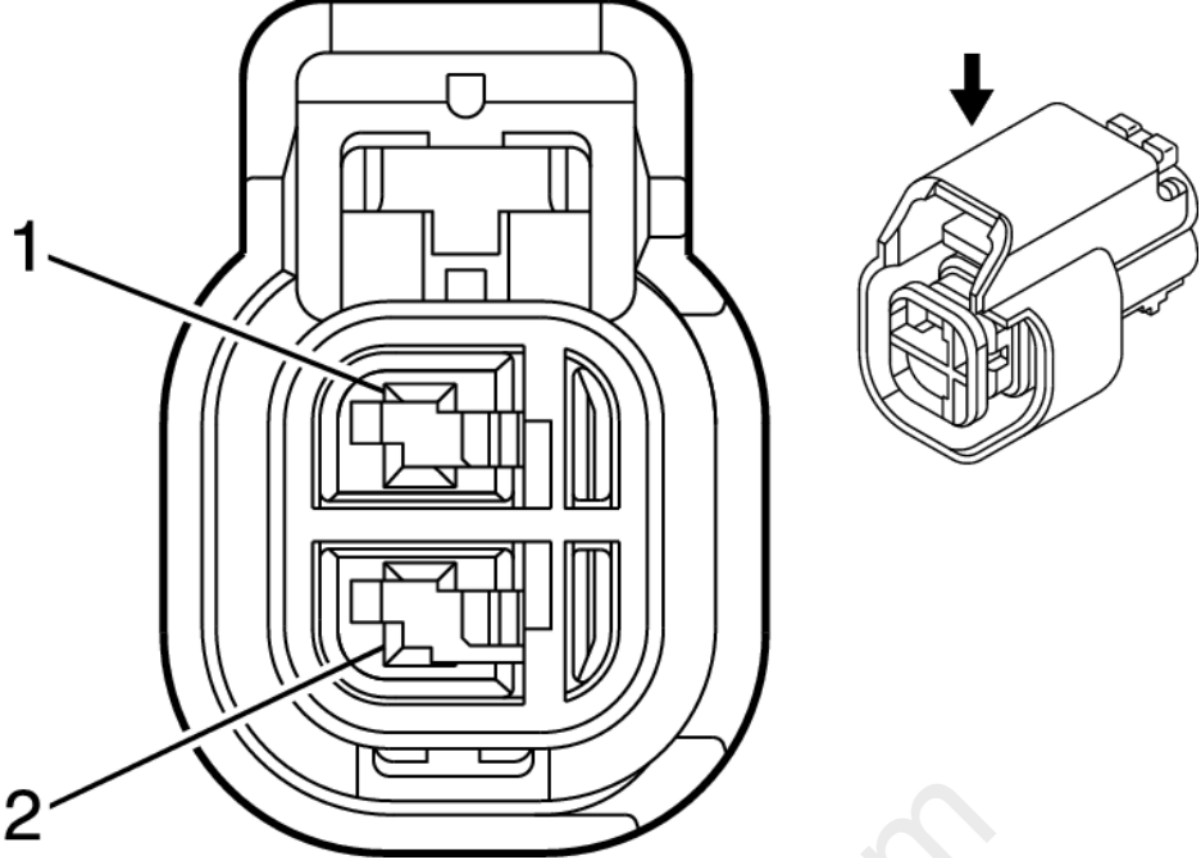
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	VT/BU WH/GN	5291 4805	Powertrain Main Relay Fused Supply 2 Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	I I	LFR LFX
2	0.5 0.5	BN/GN GN/WH	845 4905	Fuel Injector Control 5 Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	I I	LFR LFX

Q17F FUEL INJECTOR 6 (LFR)





Connector Part Information

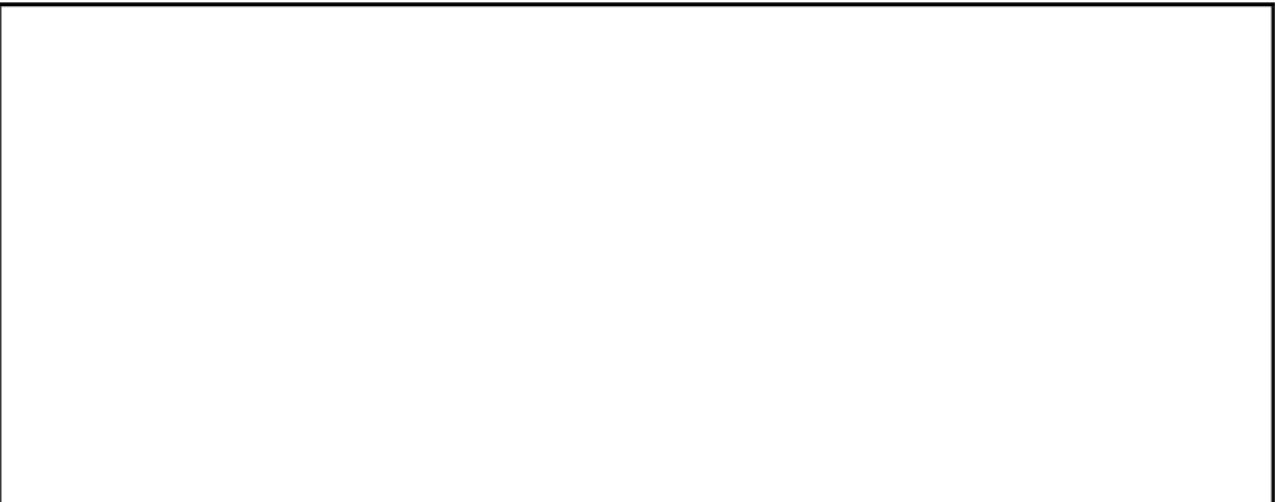
- Harness Type: Bank 2 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

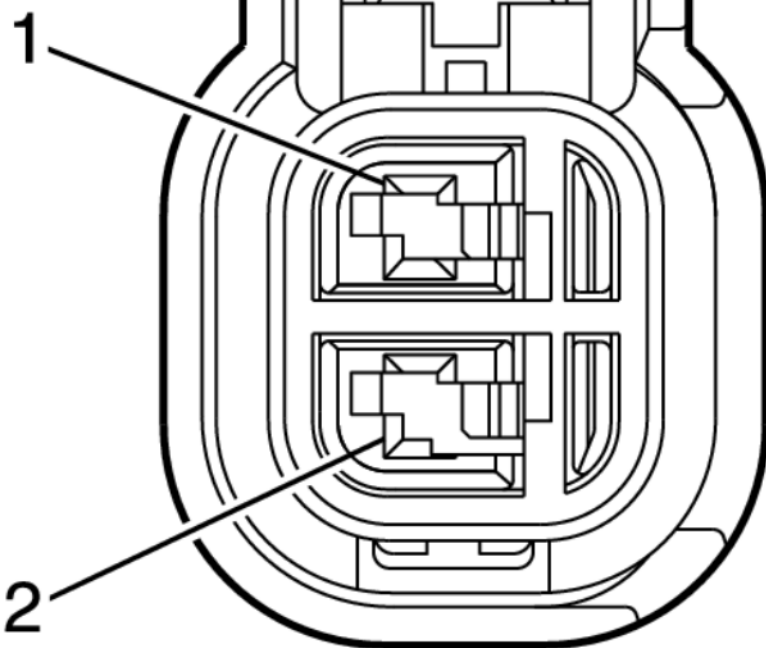
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-
2	0.5	BN/BU	846	Fuel Injector Control 6	I	-

Q17F FUEL INJECTOR 6 (LFX)





Connector Part Information

- Harness Type: Bank 1 Fuel Rail
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

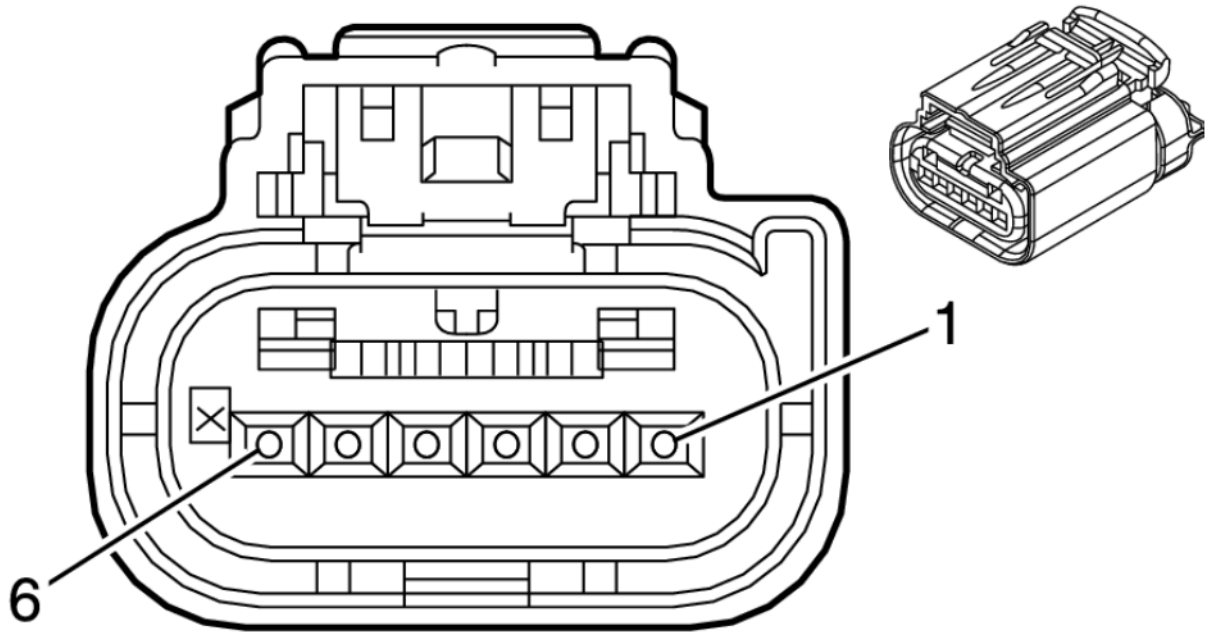
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	.5	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	I	-
2	.5	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	I	-

Q38 THROTTLE BODY (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13699991
- Service Connector: 13581267
- Description: 6-Way F 0.64 GET Series, Sealed (BK)

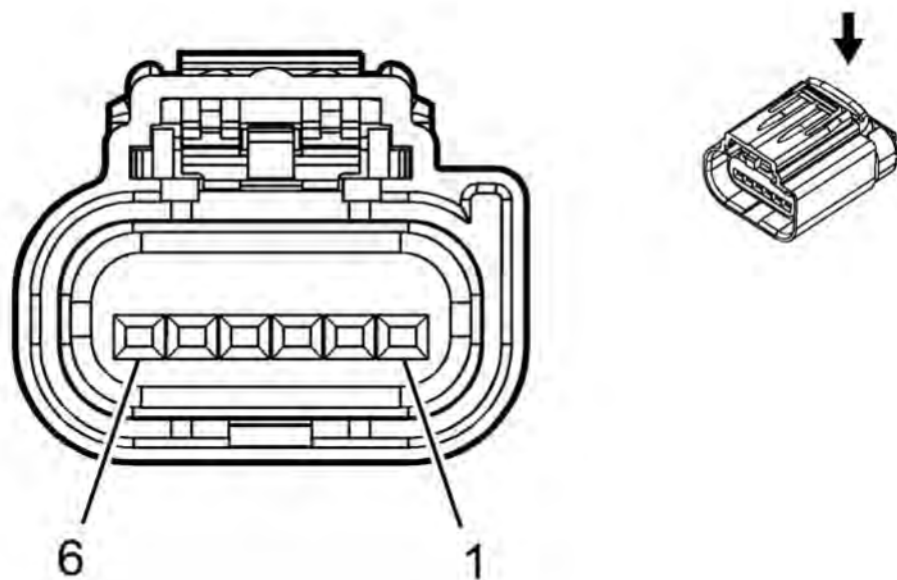
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	581	Throttle Actuator Control Open	I	-
2	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
3	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
4	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
5	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
6	-	-	-	Not Occupied	-	-

Q38 THROTTLE BODY (LFR)





Connector Part Information

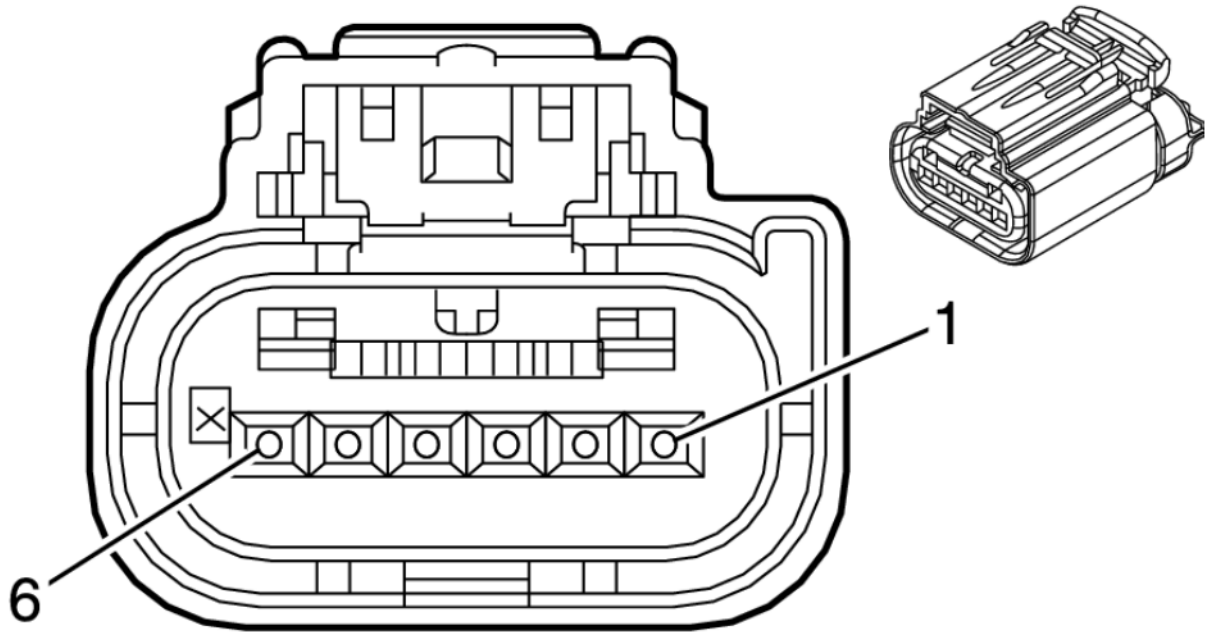
- Harness Type: Engine
- OEM Connector: 15405759
- Service Connector: 13580980
- Description: 6-Way F 0.64 GET Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	581	Throttle Actuator Control Open	I	-
2	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
3	0.5	BN/GN	485	Throttle Position Sensor Signal 1	I	-
4	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
5	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
6	0.5	BN/BU	486	Throttle Position Sensor Signal 2	I	-

Q38 THROTTLE BODY (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13699991
- Service Connector: 13581267
- Description: 6-Way F 0.64 GET Series, Sealed (BK)

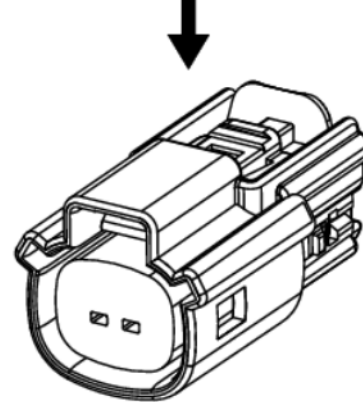
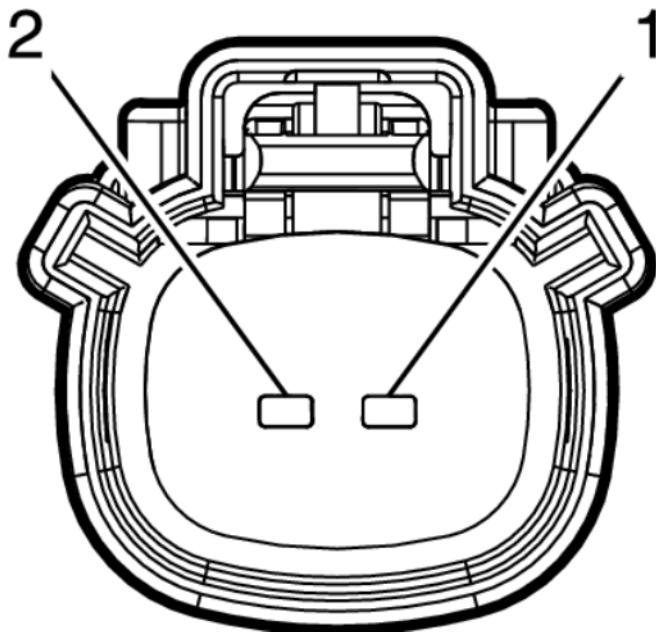
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	581	Throttle Actuator Control Open	I	-
2	0.5	BN/WH	582	Throttle Actuator Control Close	I	-
3	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	-
4	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	-
5	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	-
6	-	-	-	Not Occupied	-	-

Q44 ENGINE OIL PRESSURE CONTROL SOLENOID VALVE





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13782480
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

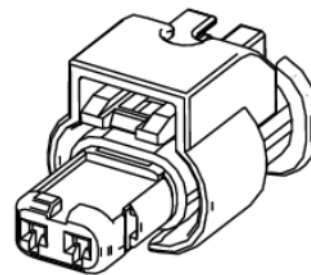
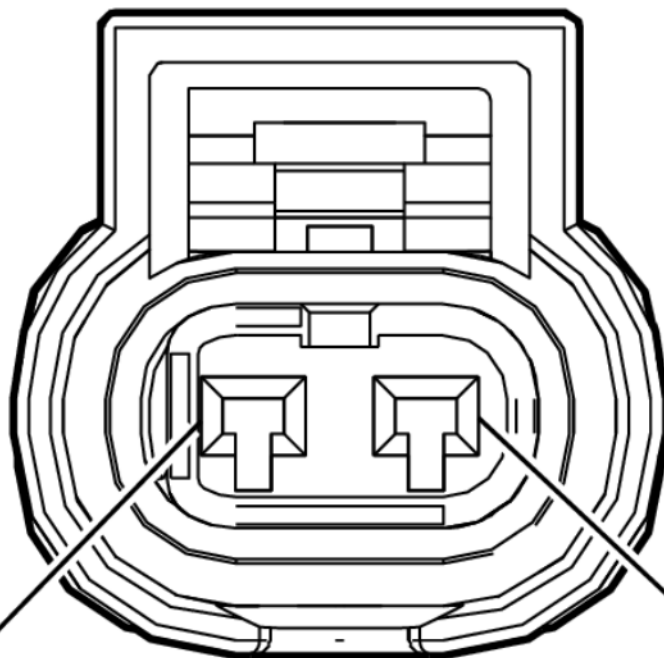
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BU	179	Oil Pump Command Signal	I	-

Q46 A/C COMPRESSOR SOLENOID VALVE





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13927762
- Service Connector: 19299928
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

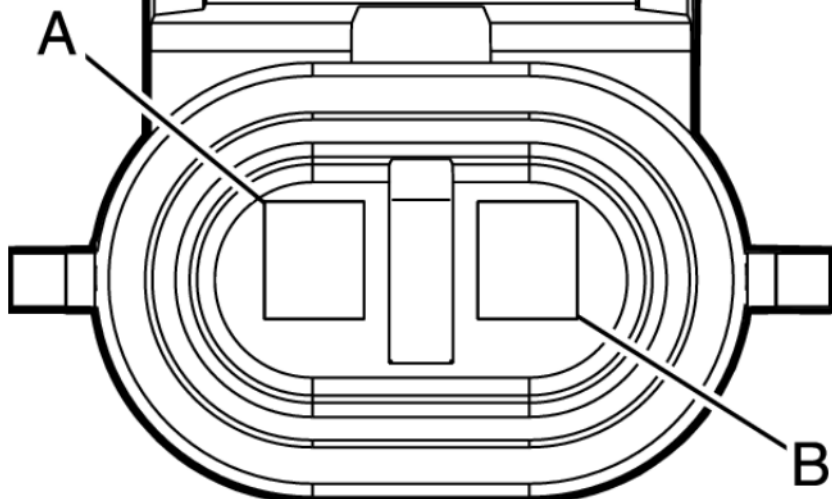
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/GN	7574	Electric Variable Displacement Control	I	-
2	0.5	BU	7573	Electric Variable Displacement Supply	I	-

Q68A CNG CUT-OFF SOLENOID VALVE 1 (LFR)





Connector Part Information

- Harness Type: Alternative Fuel Jumper
- OEM Connector: 12052641
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

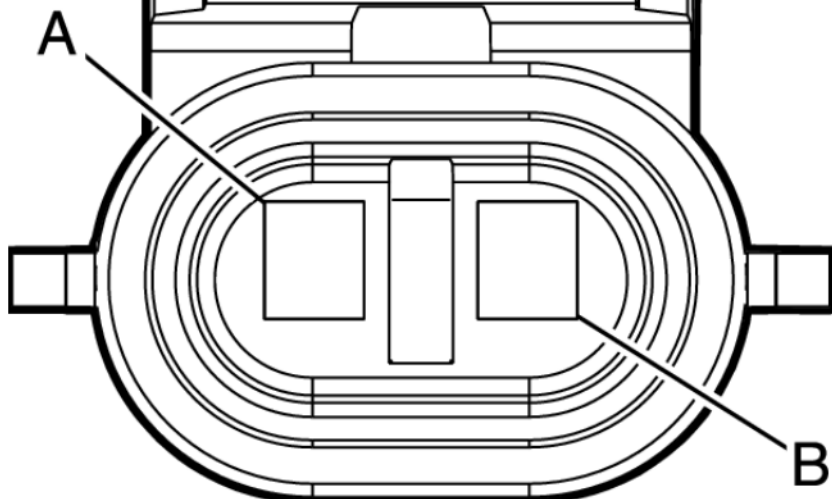
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BN/GN	4389	Fuel Tank Purge Shut Off Valve Solenoid Control 1	I	-
B	0.5	BK	550	Ground	I	-

Q69 CNG HIGH PRESSURE REGULATOR SOLENOID VALVE





Connector Part Information

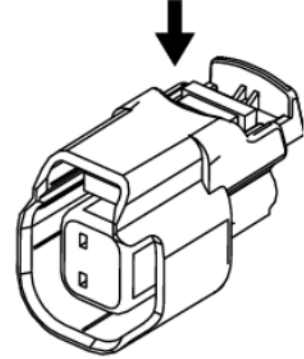
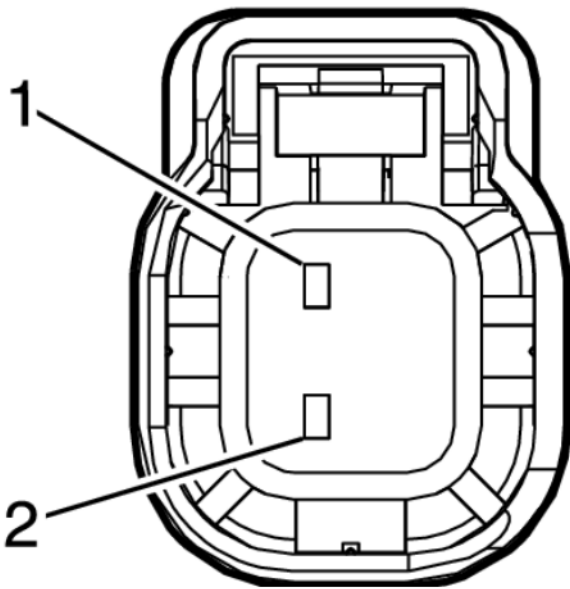
- Harness Type: Forward Lamp
- OEM Connector: 12052641
- Service Connector: 13586114
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	GN/VT	4376	Alternative Fuel Pressure Regulator Control	I	-
B	0.5	BK	1050	Ground	I	-

Q70A ALTERNATIVE FUEL INJECTOR 1



Connector Part Information

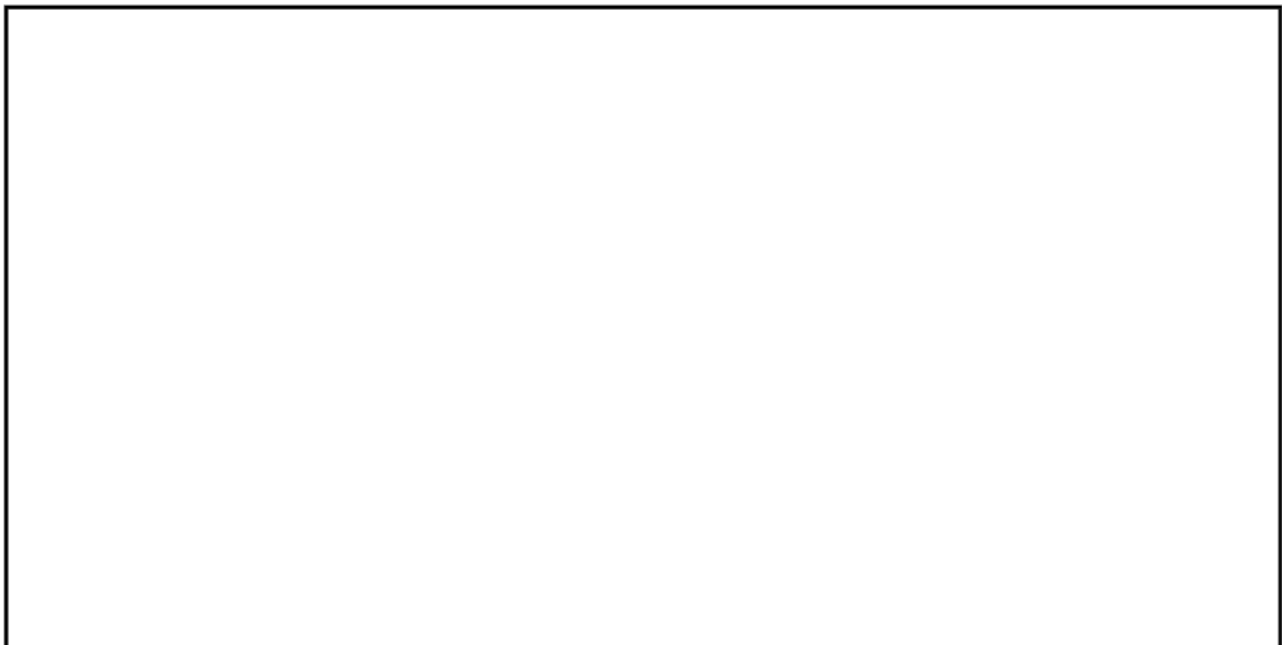
- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

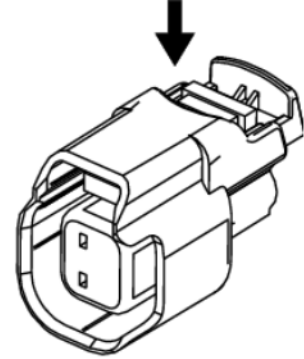
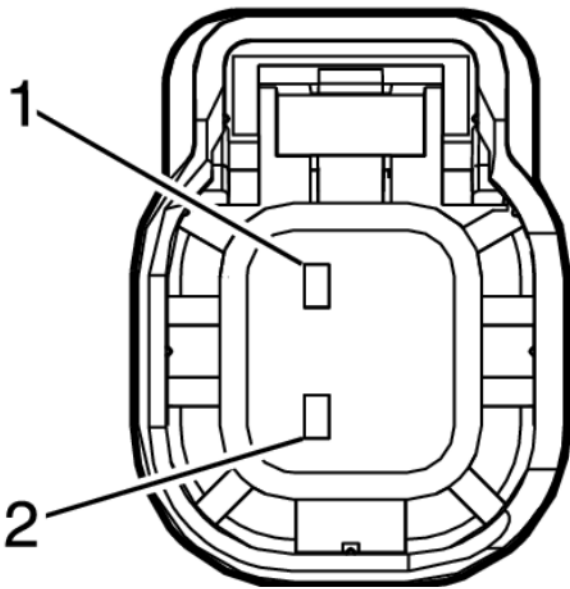
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	RD/BN	5291	Powertrain Main Relay Fused Supply 2	I	-
2	1.5	WH/BN	5623	Alternative Fuel Injector Control 1	I	-

Q70B ALTERNATIVE FUEL INJECTOR 2





Connector Part Information

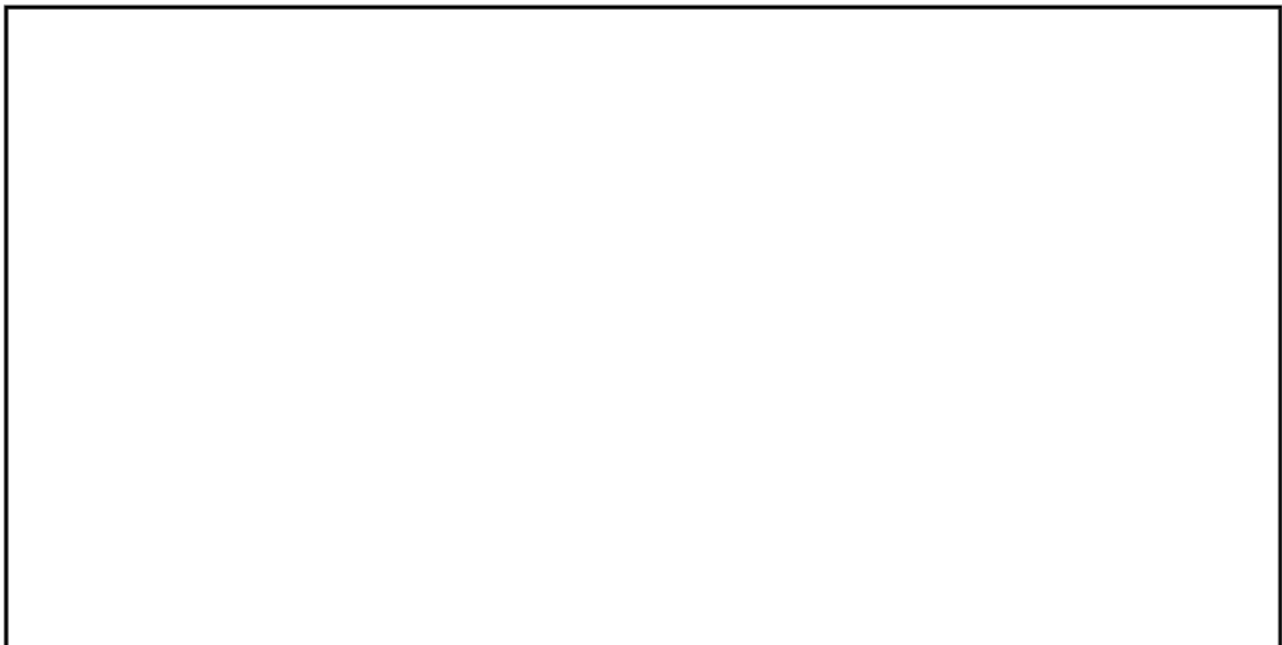
- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

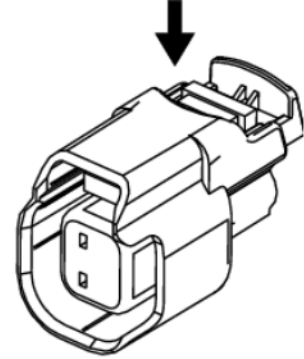
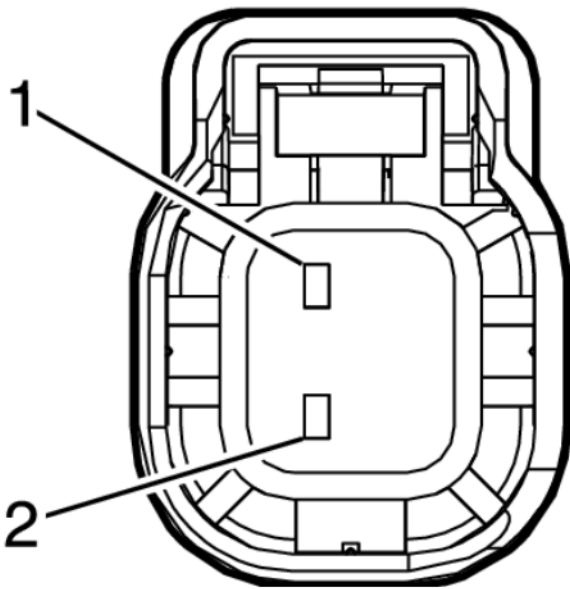
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	PK/BN	5292	Powertrain Main Relay Fused Supply 3	I	-
2	1.5	YE	5624	Alternative Fuel Injector Control 2	I	-

Q70C ALTERNATIVE FUEL INJECTOR 3





Connector Part Information

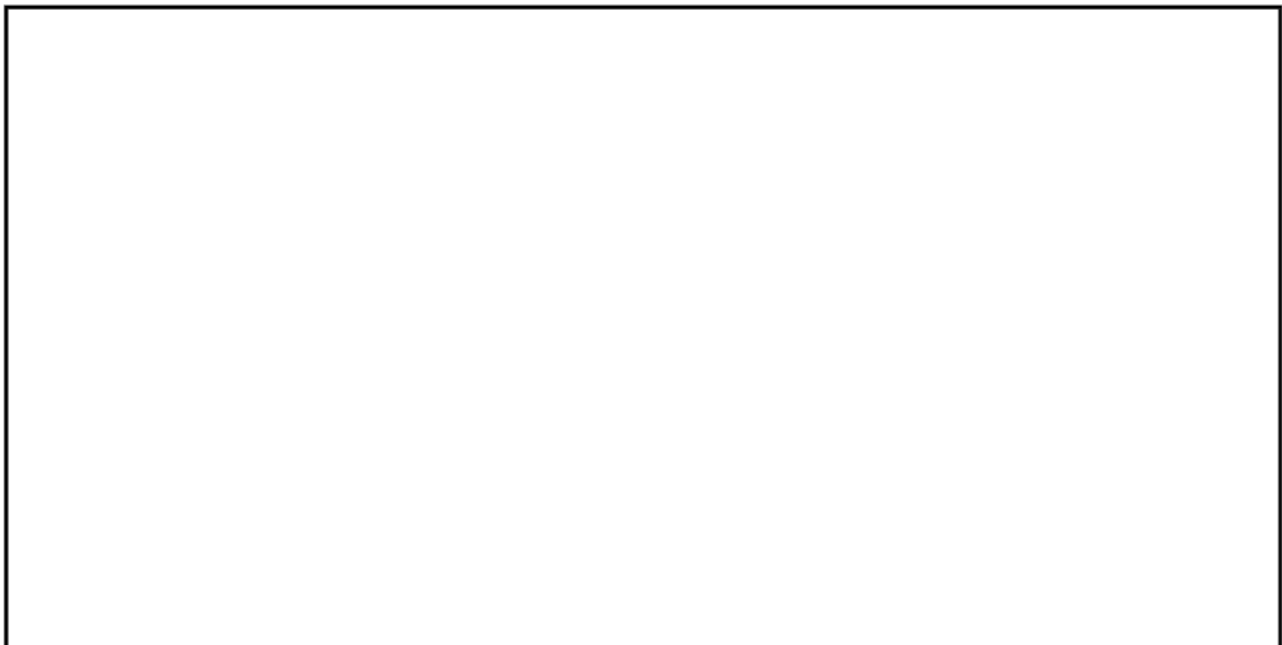
- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

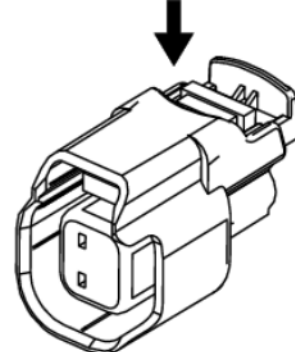
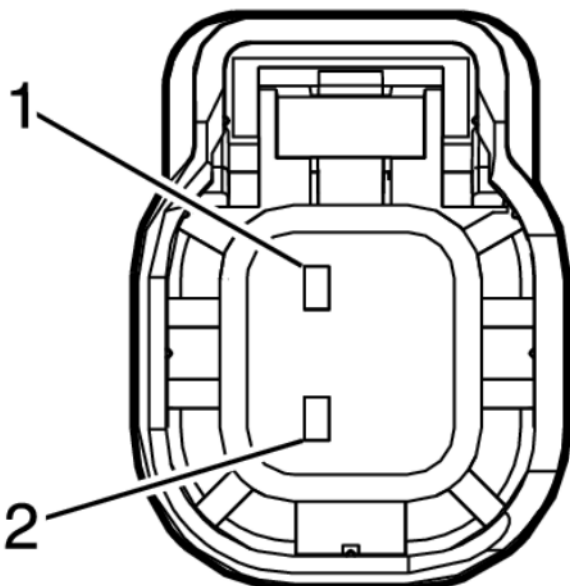
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	RD/BN	5291	Powertrain Main Relay Fused Supply 2	I	-
2	1.5	VT/BU	5625	Alternative Fuel Injector Control 3	I	-

Q70D ALTERNATIVE FUEL INJECTOR 4





Connector Part Information

- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

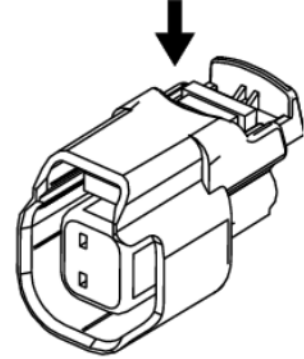
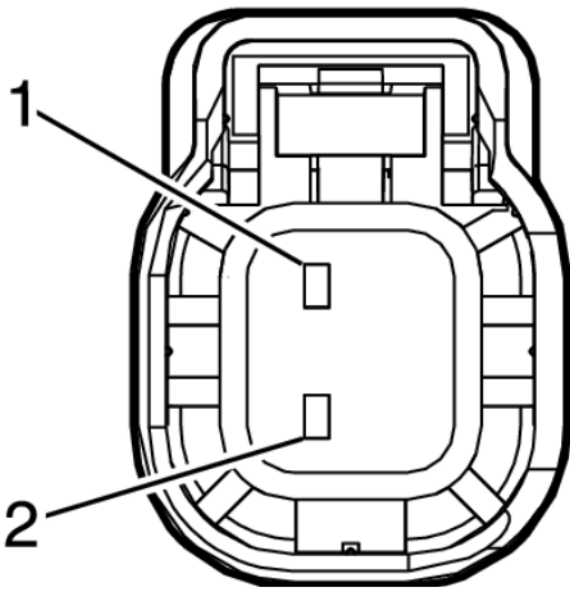
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	PK/BN	5292	Powertrain Main Relay Fused Supply 3	I	-
2	1.5	BN	5626	Alternative Fuel Injector Control 4	I	-

Q70E ALTERNATIVE FUEL INJECTOR 5





Connector Part Information

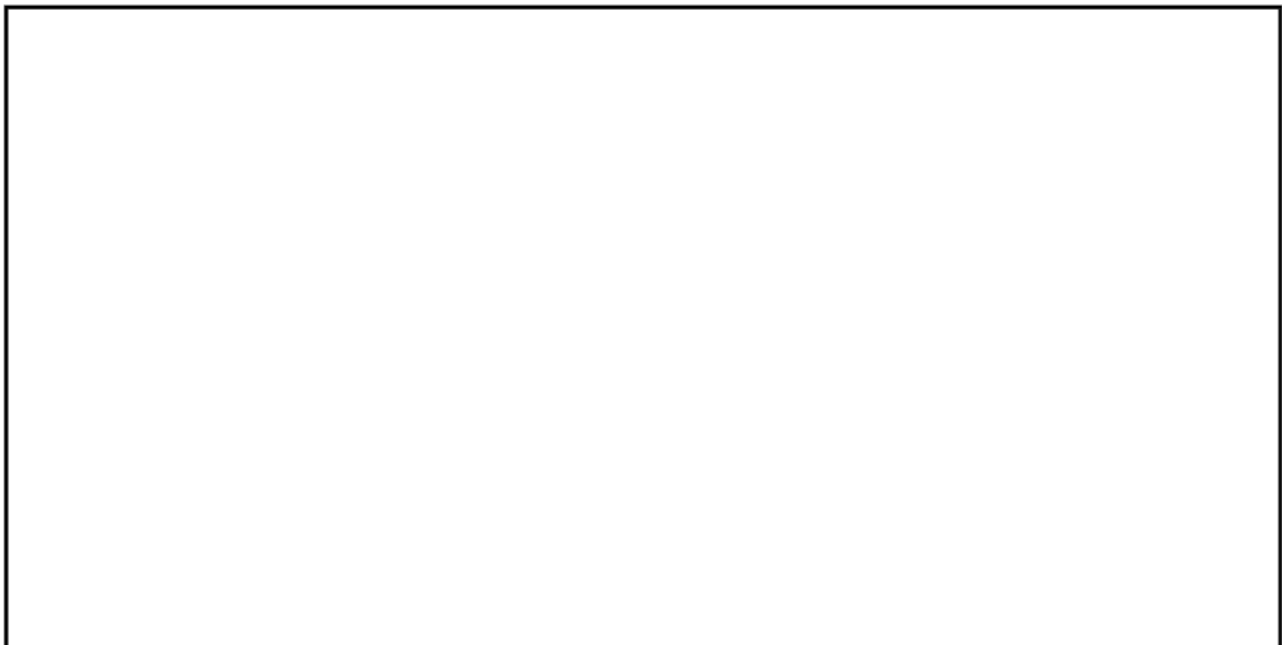
- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

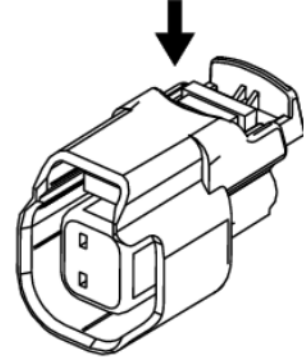
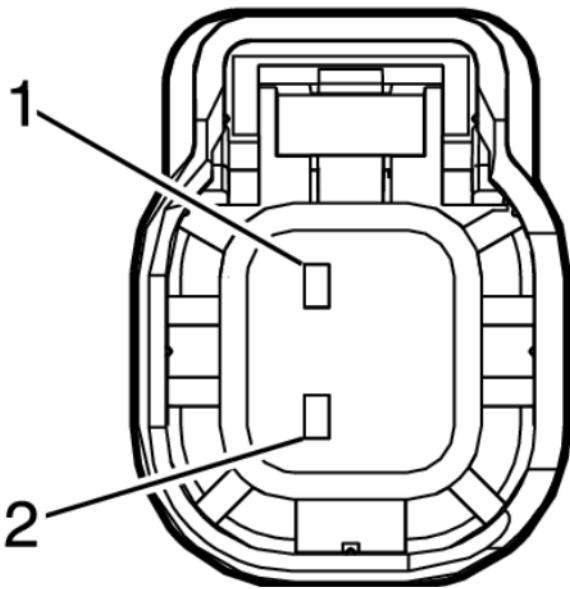
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	RD/BN	5291	Powertrain Main Relay Fused Supply 2	I	-
2	1.5	GY/GN	5627	Alternative Fuel Injector Control 5	I	-

Q70F ALTERNATIVE FUEL INJECTOR 6





Connector Part Information

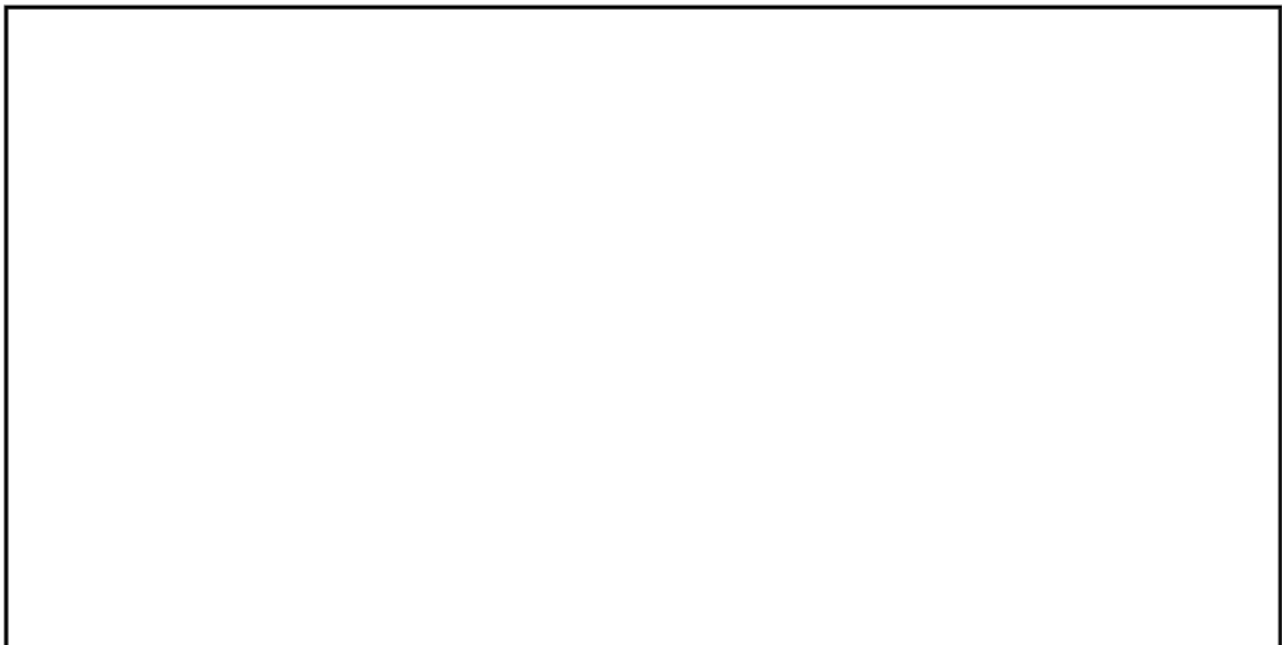
- Harness Type: Alternative Fuel Rail
- OEM Connector: 34062-4009
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

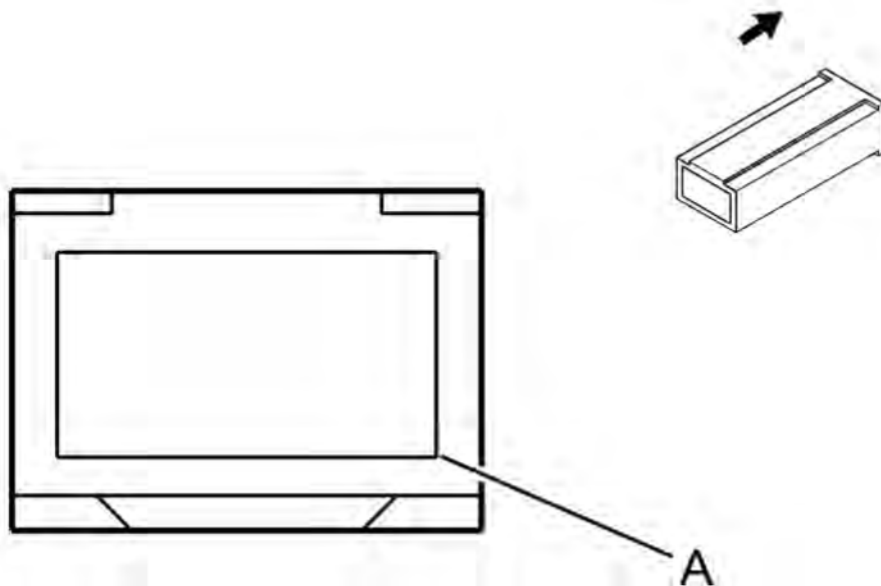
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	PK/BN	5292	Powertrain Main Relay Fused Supply 3	I	-
2	1.5	YE/BU	5628	Alternative Fuel Injector Control 6	I	-

R14L REAR WINDOW DEFOGGER NOISE FILTER - LEFT





Connector Part Information

- Harness Type: Body
- OEM Connector: 12052018
- Service Connector: 13580102
- Description: 1-Way F 6.3 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2.5	BN/VT	293	Rear Defog Element Control	I	-

S2 TRANSMISSION MANUAL SHIFT SWITCH

Connector Part Information

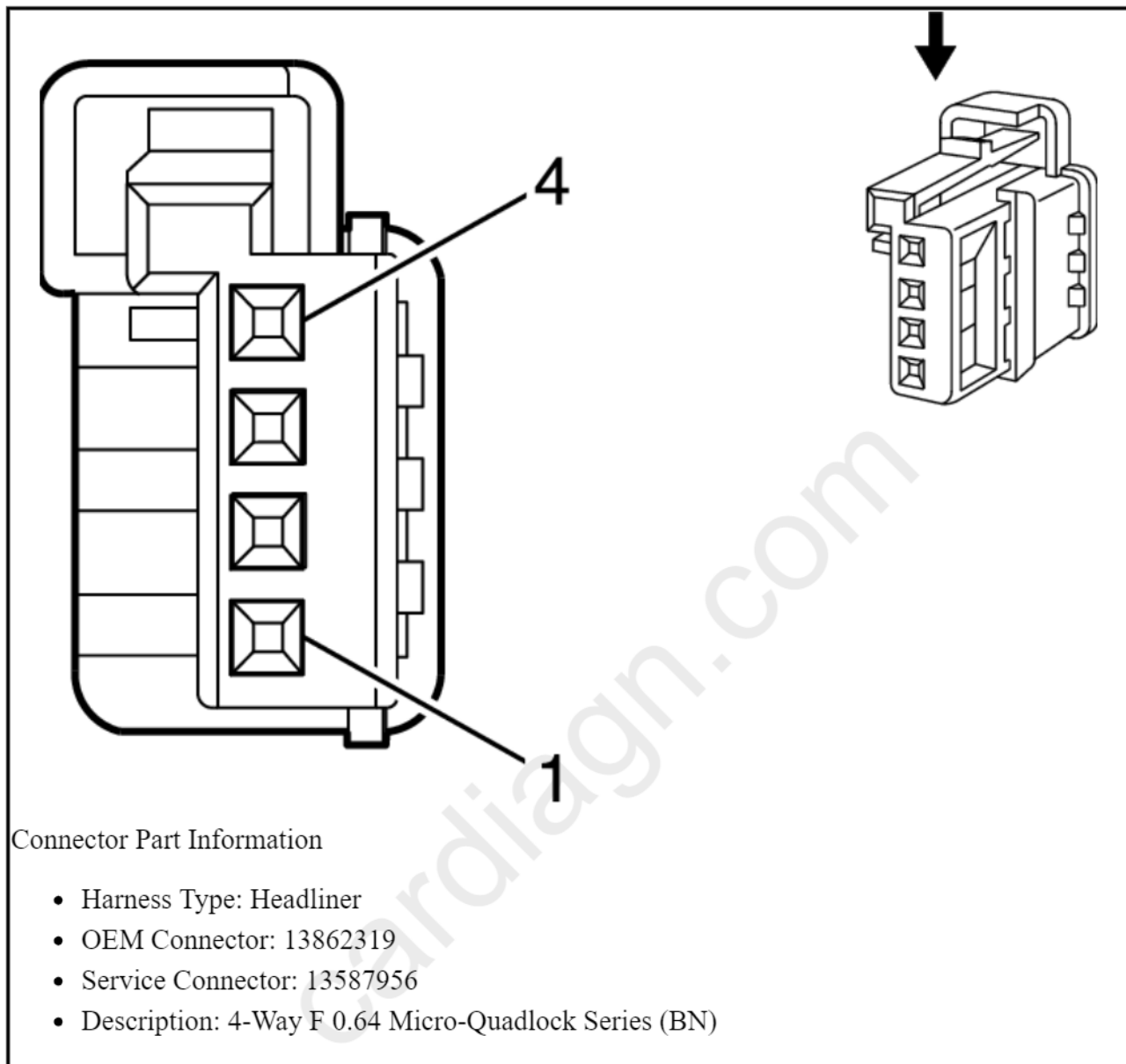
- Harness Type: Transmission Internal Mode Switch
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	5526	Tap Up/Tap Down Switch Signal	I	-
2	0.35	BK	2250	Ground	I	-

S12 DOME LAMP SWITCH



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	2550	Ground	I	-
2	0.35	GY/GN	328	Interior Lamp Defeat Switch Signal	I	-
3	0.35	GY	156	Courtesy Lamp Switch Signal	I	-
4	0.35	YE	6817	LED Backlight Dimming Control	I	-

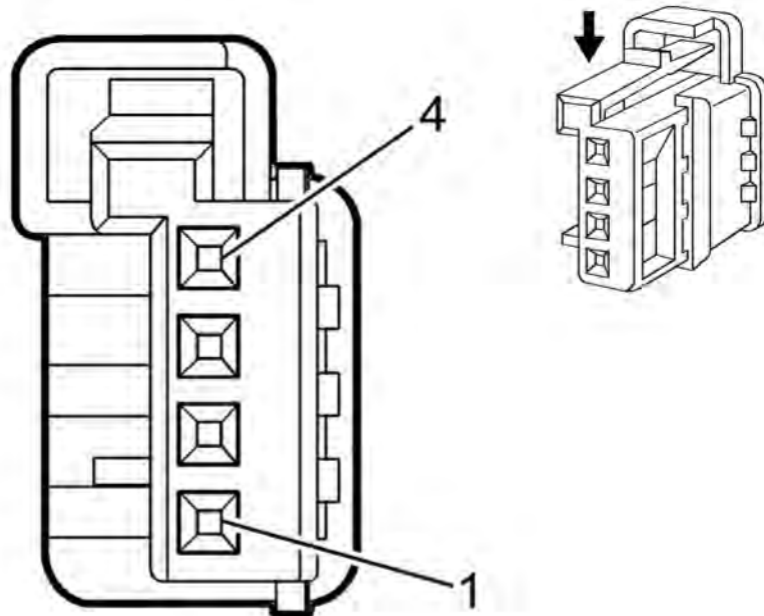
Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13597457
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	I	-
3	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	I	-
4	0.35	BK	850	Ground	I	-

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Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 13597457
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

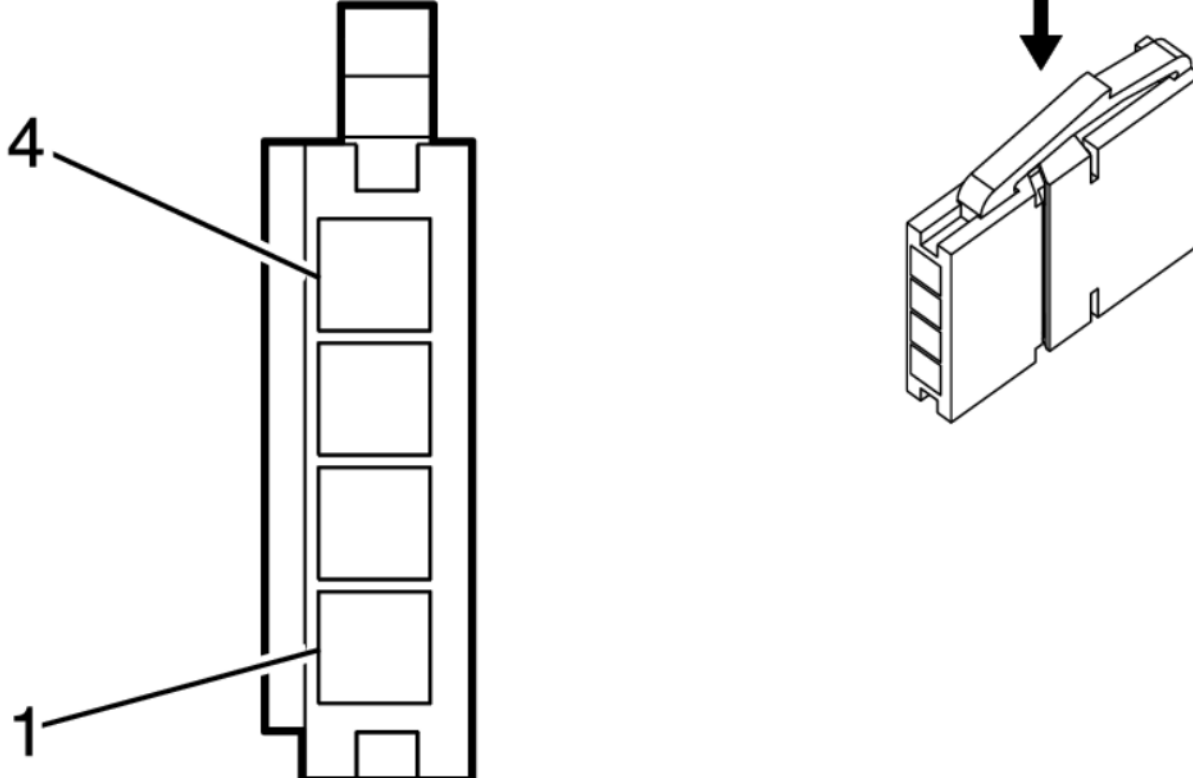
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	YE/VT	244	Passenger Door Lock Switch Lock Control	I	-
3	0.35	BN/VT	245	Passenger Door Lock Switch Unlock Control	I	-
4	0.35	BK	2050	Ground	I	-

S25 GARAGE DOOR OPENER





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13879342
- Service Connector: 19300600
- Description: 4-Way F f13601803 (BK)

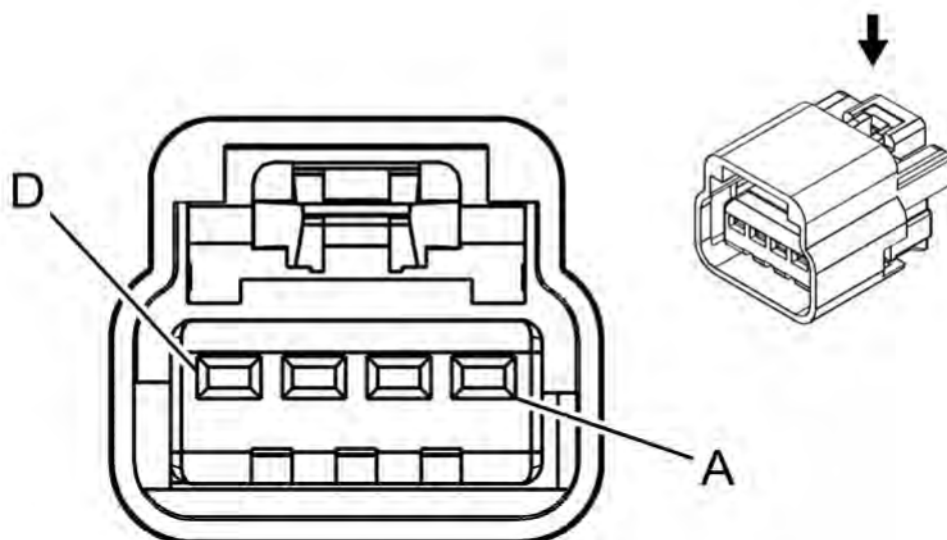
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/VT	1940	Battery Positive Voltage	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	2350	Ground	I	-

S26 HAZARD WARNING SWITCH





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15332135
- Service Connector: 13580110
- Description: 4-Way F 150 GT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BK	1650	Ground	I	-
B	0.35	GN/WH	111	Hazard Switch Signal	I	-
C	-	-	-	Not Occupied	-	-
D	0.35	GY	7543	Hazard LED Dimming Signal	I	-

S33L HORN SWITCH - LEFT X1

Connector Part Information

- Harness Type: Steering Wheel Air Bag
- OEM Connector: 1742219
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

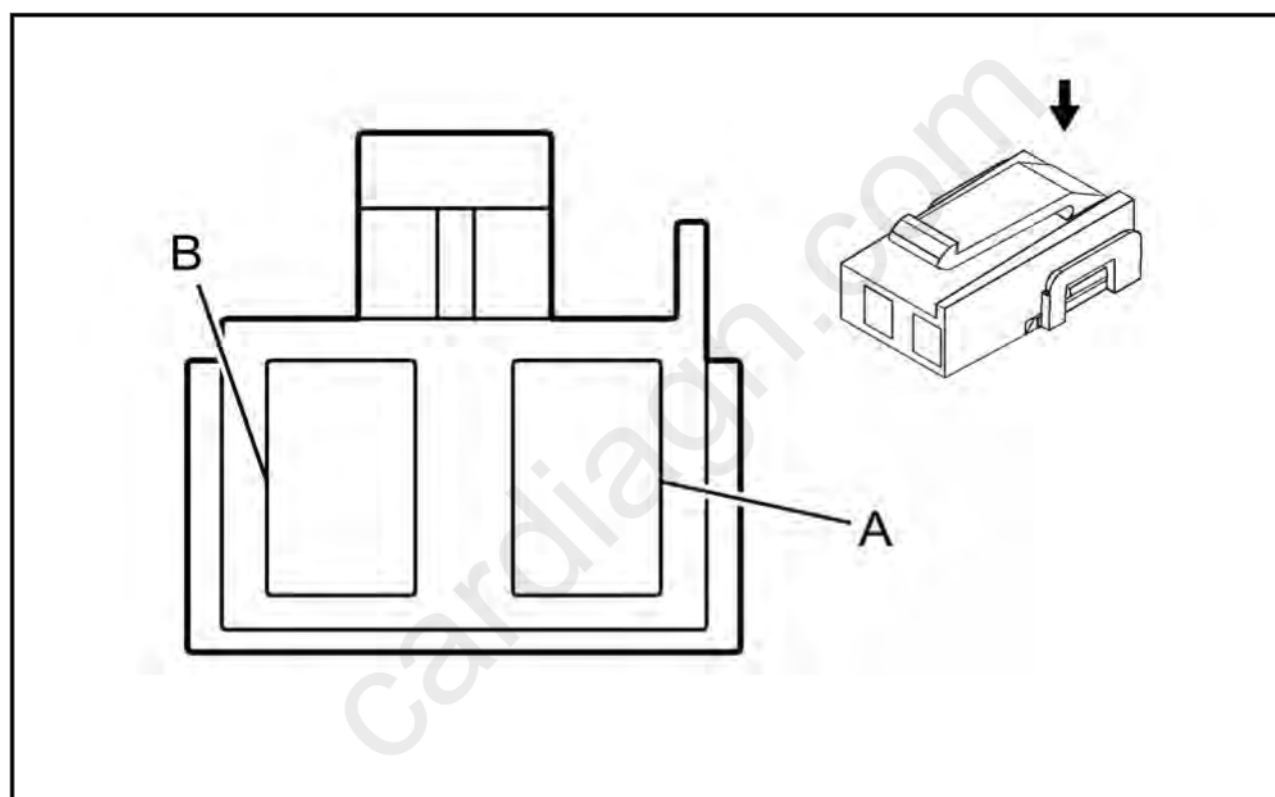
- Harness Type: Steering Wheel Air Bag
- OEM Connector: 1742086
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BK	1550	Ground	I	-

S35 INSTRUMENT PANEL COMPARTMENT LAMP SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12015197
- Service Connector: 12102626
- Description: 2-Way F Weather Pack Series (BU)

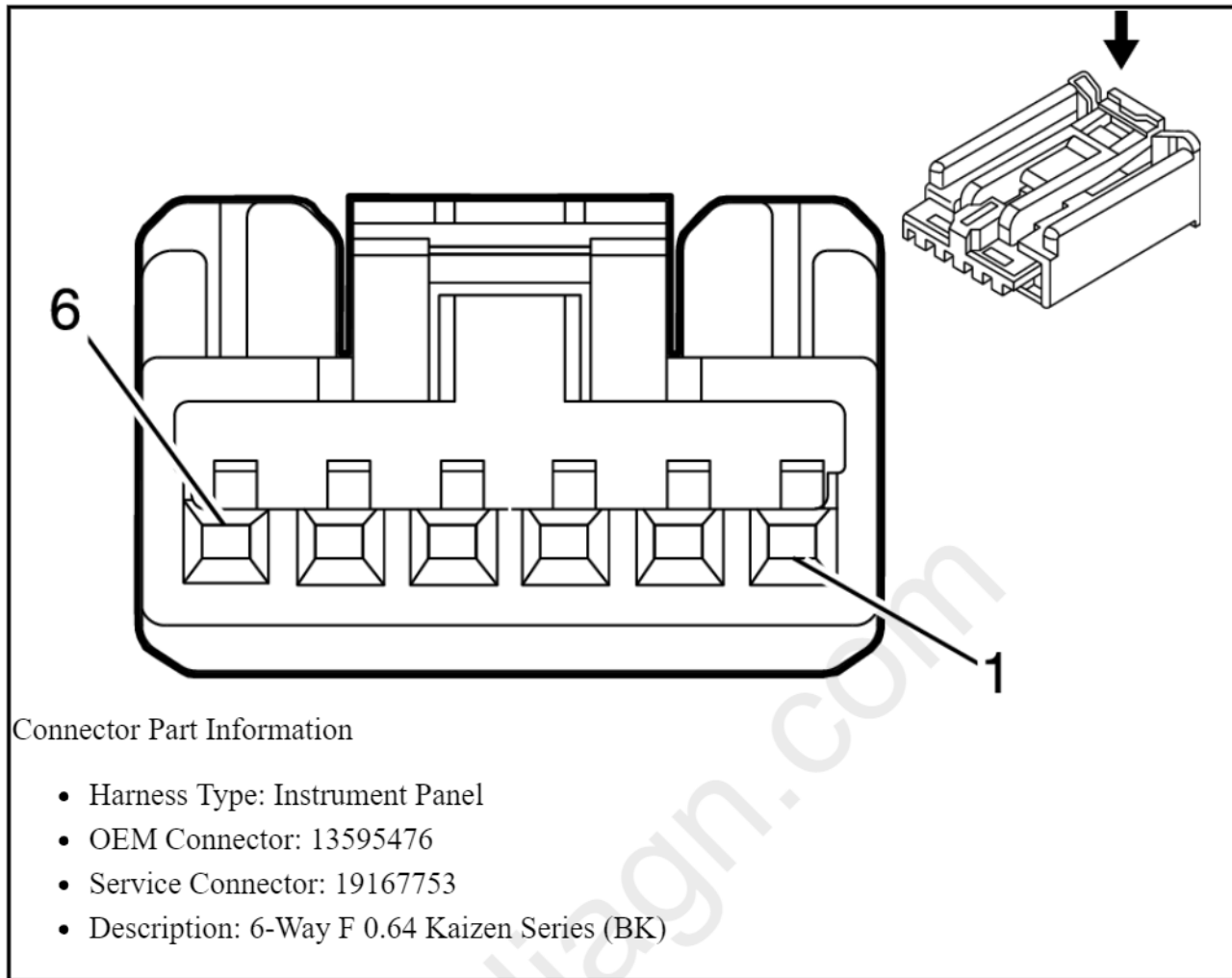
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	VT	175	Glove Box Lamp Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
B	0.35	WH/BN	6815	Inadvertent Power Control	I	-

S36 INSTRUMENT PANEL DIMMER SWITCH



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

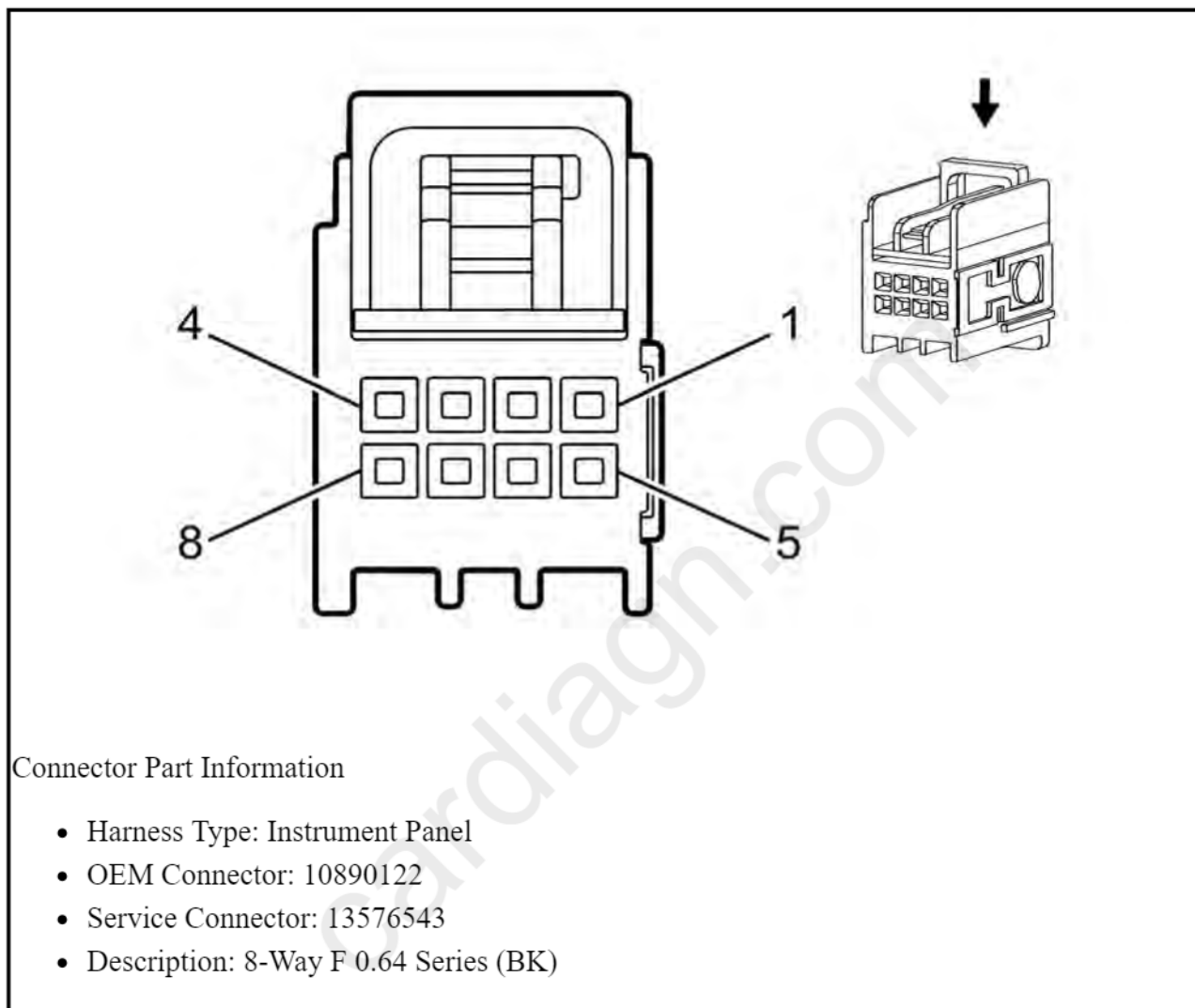
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	I	-
2	0.35	YE/GY	44	Instrument Panel Lamp Dimmer Switch Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BK	1650	Ground	I	-
5	0.35	YE	6817	LED Backlight Dimming Control	I	-
6	0.35	BU/RD	1688	5V Reference	I	-

2017 ELECTRICAL

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

COMPONENT CONNECTOR END VIEWS

S38 IGNITION MODE SWITCH



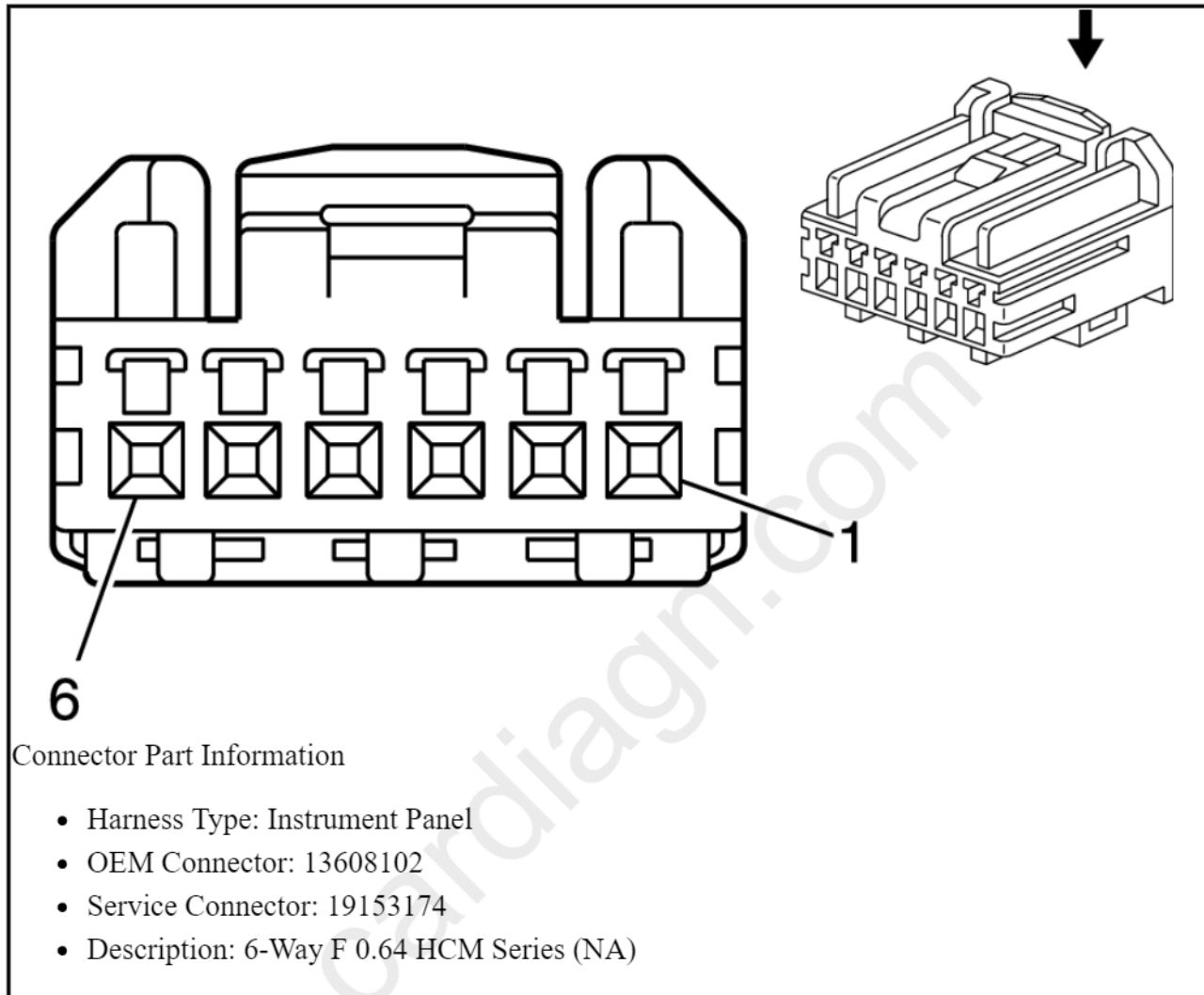
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.13	BN	5720	Ignition Mode Switch Accessory LED Signal	I	-
3	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-
4	0.5	BK	1650	Ground	I	-
5	0.35	BU/BK	5719	Ignition Mode Switch Start LED Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.13	BU	5723	Ignition Mode Switch Mode Voltage	I	-
7	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
8	0.35	YE	6817	LED Backlight Dimming Control	I	-

S39 IGNITION SWITCH

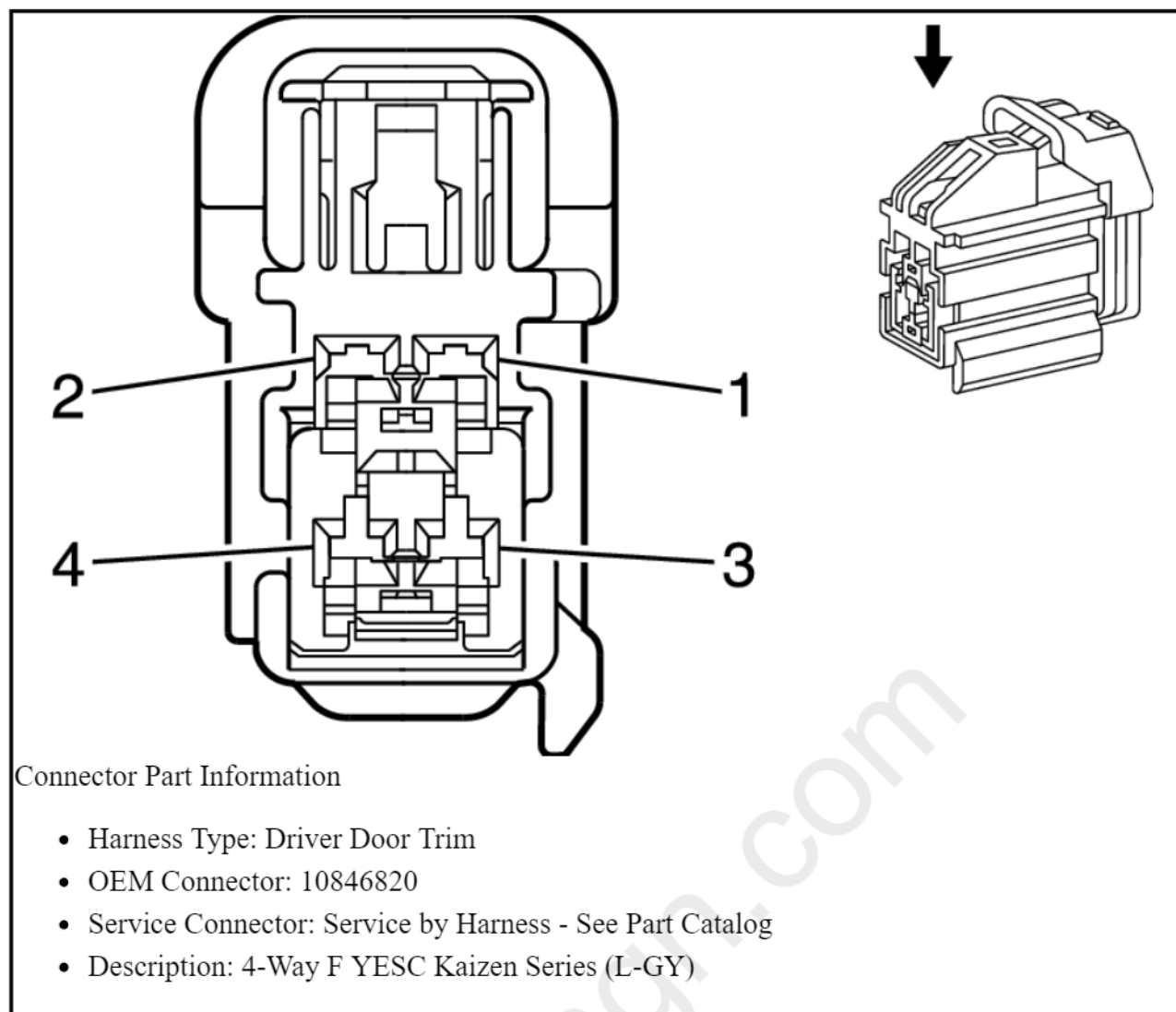


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	VT	3	Run/Crank Ignition 1 Voltage	I	-
2	0.5	RD/WH	2040	Battery Positive Voltage	II	-
3	0.13	YE	4	Accessory Ignition Voltage	I	-
4	0.13	WH	1020	Off/Run/Crank Ignition Voltage	I	-
5	-	-	-	Not Occupied	-	-
6	0.13	BN	1073	Ignition Key Resistor Signal	I	-

S47D SEAT MEMORY SWITCH - DRIVER



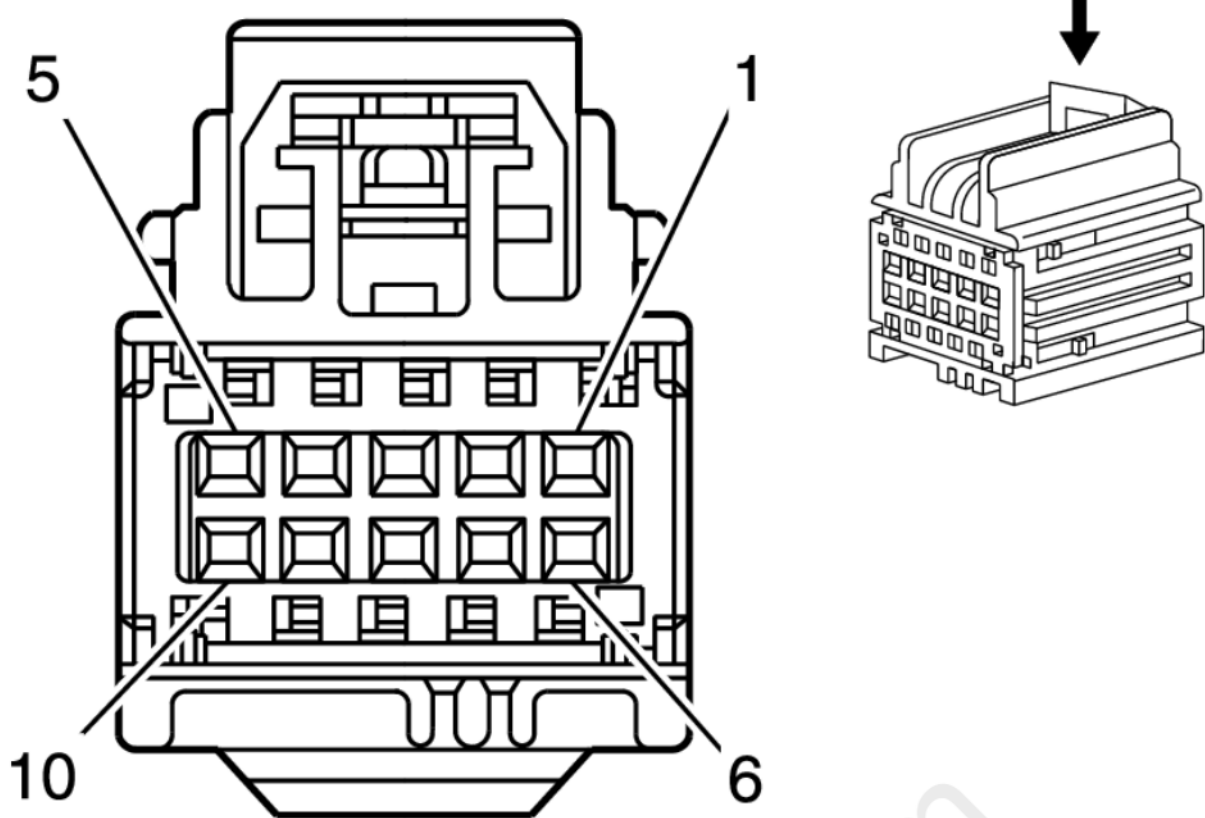
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
4	0.35	WH	615	Memory Seat Switch Signal 1	I	-

S48A MULTIFUNCTION SWITCH - INSTRUMENT PANEL





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15491259
- Service Connector: 15127042
- Description: 10-Way F 0.64 YESC Kaizen Series (BK)

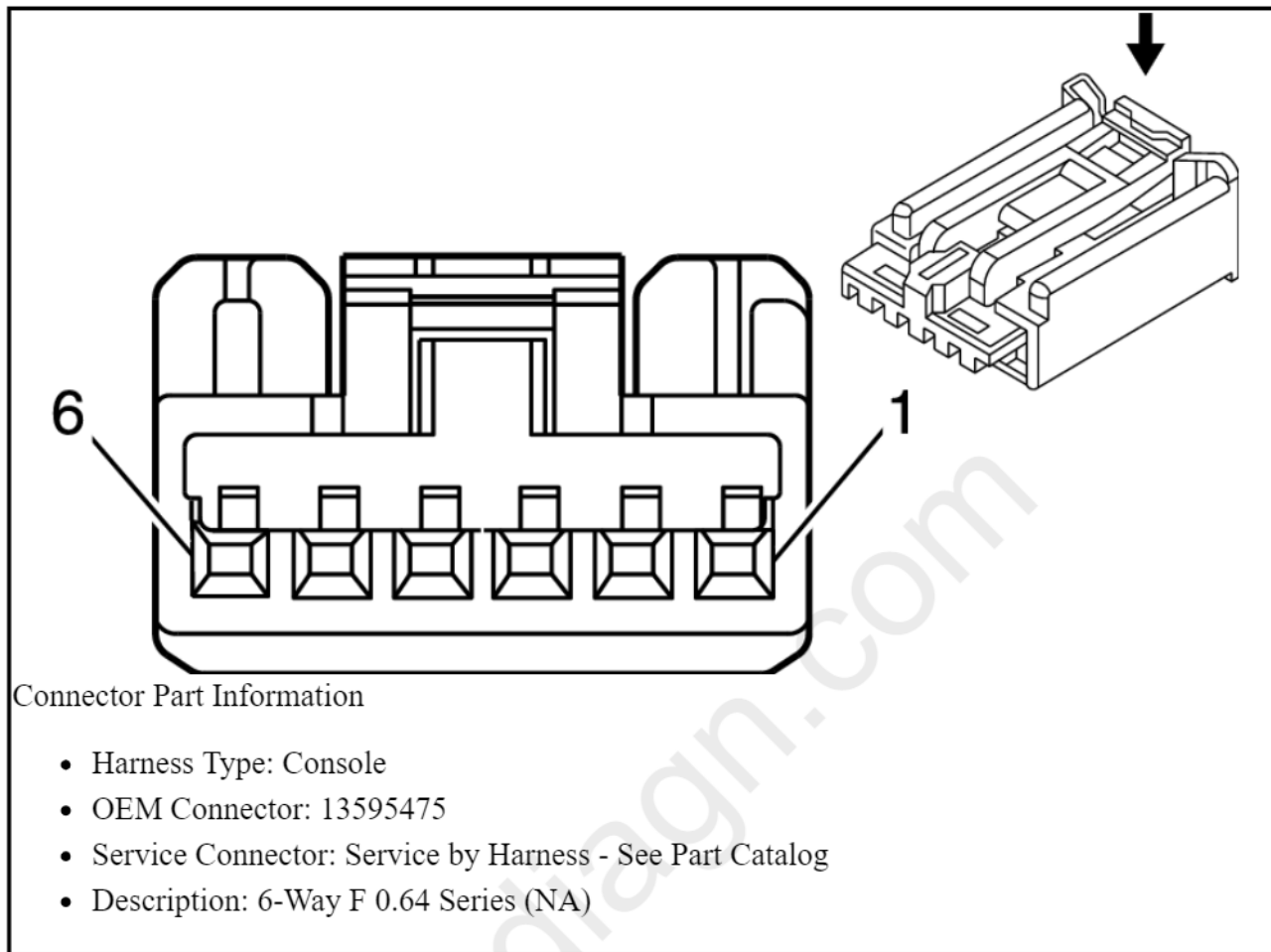
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.5	BK	1650	Ground	I	-
3	0.35	WH	6816	Indicator Dimming Control	I	-
4	0.35 0.35	WH GN	3152 4110	Lane Departure Warning Indicator Control CNG/Gas Indicator Control	I I	UD7 -UD7
5	0.35 0.35	GY/GN BU	2555 4111	Rear Park Assist Disable Signal Alternative Fuel/Gas Switch Signal	I I	UD7 -UD7
6	0.35 0.35	GN/BN GN	5852 4110	Rear Park Assist LED Disable Signal CNG/Gas Indicator Control	I I	UD7 -UD7
7	0.35	VT/BU	6189	Lift Glass/Rear Compartment Lid Interior Release Signal	I	-
8 - 9	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.35	GY/WH	3153	Lane Departure Warning	I	UD7
	0.35	BU	4111	Disable Switch Signal	I	-UD7
				Alternative Fuel/Gas Switch Signal		

S48E MULTIFUNCTION SWITCH - CENTER CONSOLE



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/VT	1788	Traction Control Switch Signal 1	I	-
2	0.35	BK	2250	Ground	I	-
3	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
4	0.35 0.5	VT/GY YE	539 6817	Run/Crank Ignition 1 Voltage LED Backlight Dimming Control	I I	FX3+KA1 FX3-KA1
5	0.35	BN/GY	1462	Heated Seat Switch Signal	I	-
6	0.35	YE/BU	1505	Passenger Heated Seat Switch Signal	I	-

S51 TELEMATICS BUTTON ASSEMBLY



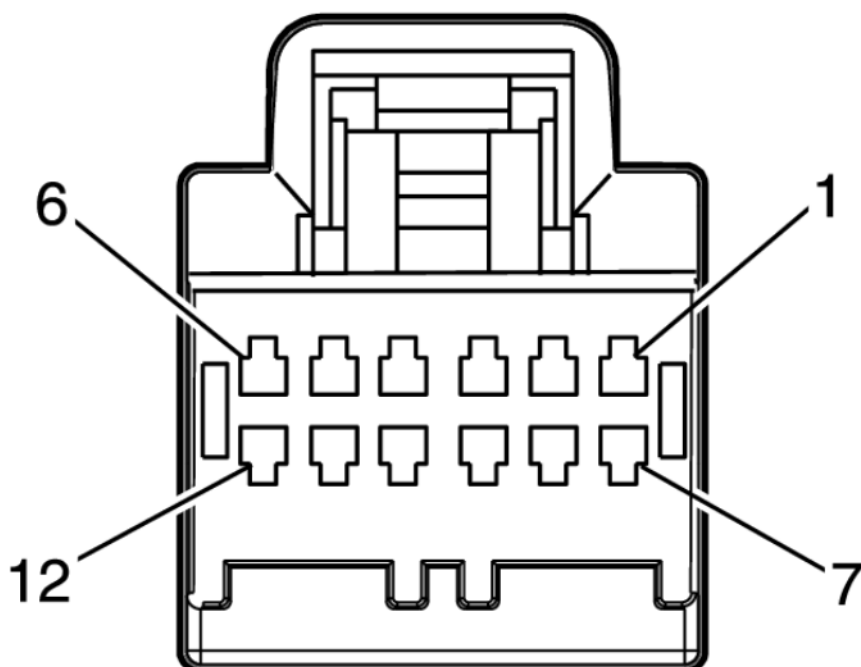
- Harness Type: Headliner
- OEM Connector: 13815336
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	2515	Keypad Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN/WH	2514	Keypad Signal	I	-
4	0.35	YE/VT	2516	Keypad Green LED Control	I	-
5	0.35	BN/WH	2517	Keypad Red LED Control	I	-
6	0.35	BK	2550	Ground	I	-
7 - 10	-	-	-	Not Occupied	-	-

S52 OUTSIDE REARVIEW MIRROR SWITCH



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13587624
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 64 Series, Sealed (GY)

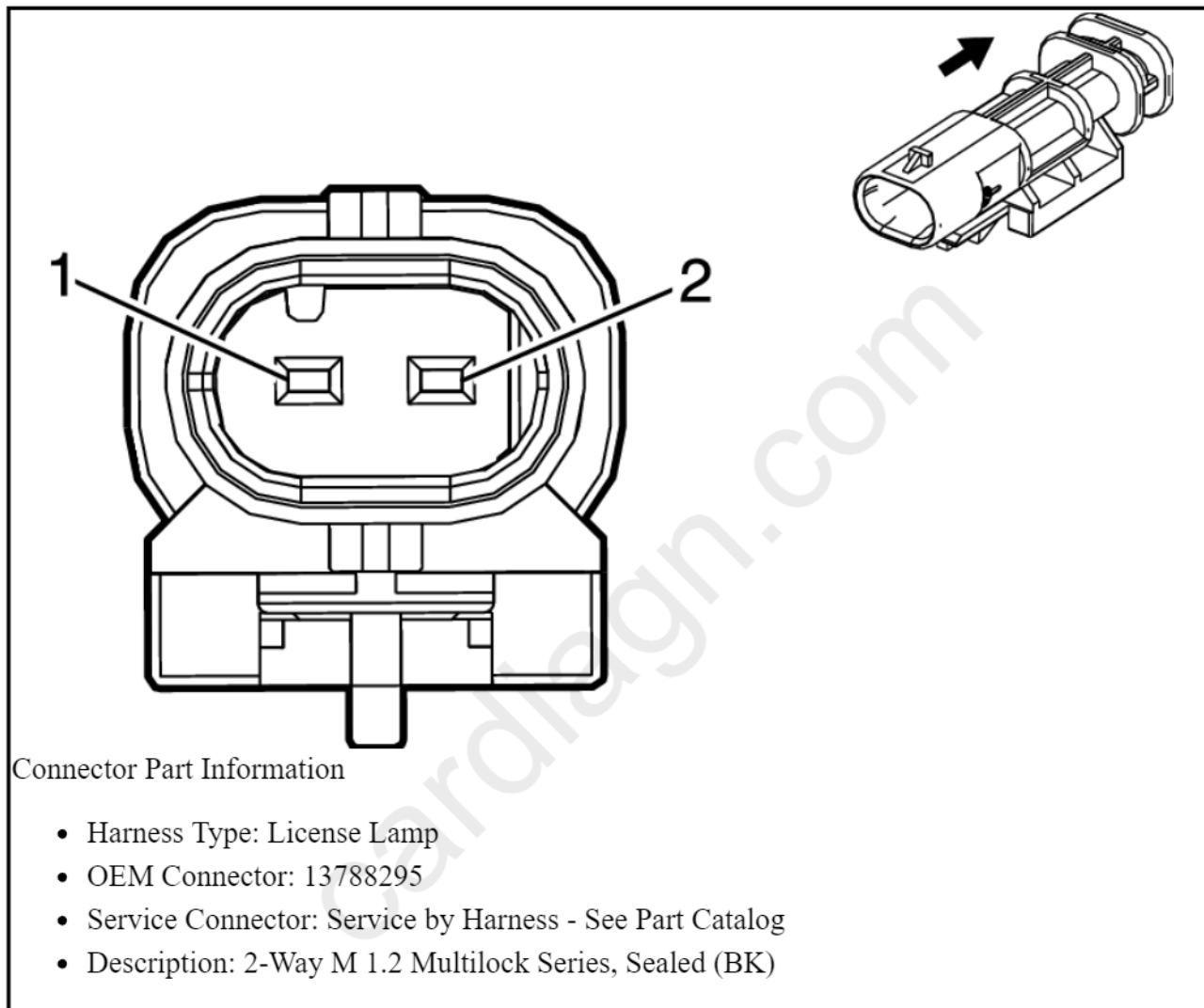
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.5	VT/YE	3409	Mirror Motor Fold Out Control	I	-
3	0.5	WH/BN	3410	Mirror Motor Fold In Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	WH	5637	Outside Rear View Mirror Select Signal	I	CW1+A45
	0.5	WH	3398	Passenger Mirror Motor Common Control	I	-CW1-A45
6	0.35	YE/GY	1382	LED Dimming Signal	I	CW1+A45
	0.5	YE/BN	3391	Driver Mirror Motor Common Control	I	-CW1-A45
7	0.5	YE/VT	3397	Passenger Mirror Motor Up (+) Down (-) Control	I	-
8	0.5	VT/BU	3390	Driver Mirror Motor Up (+) Down (-) Control	I	-
9	0.5	GN/BK	3396	Passenger Mirror Motor Right (+) Left (-) Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	BN/BK	3389	Driver Mirror Motor Right (+) Left (-) Control	I	-
11	0.5 0.5	BK/VT BK	5478 850	Mirror Switch Low Reference Ground	I I	CW1+A45 -CW1-A45
12	0.35 0.5	BU RD/VT	5636 1940	Outside Rear View Mirror Adjust Signal Battery Positive Voltage	I I	CW1+A45 -CW1-A45

S58A REAR COMPARTMENT LID UNLATCH SWITCH - EXTERIOR



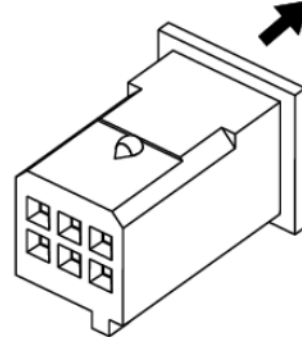
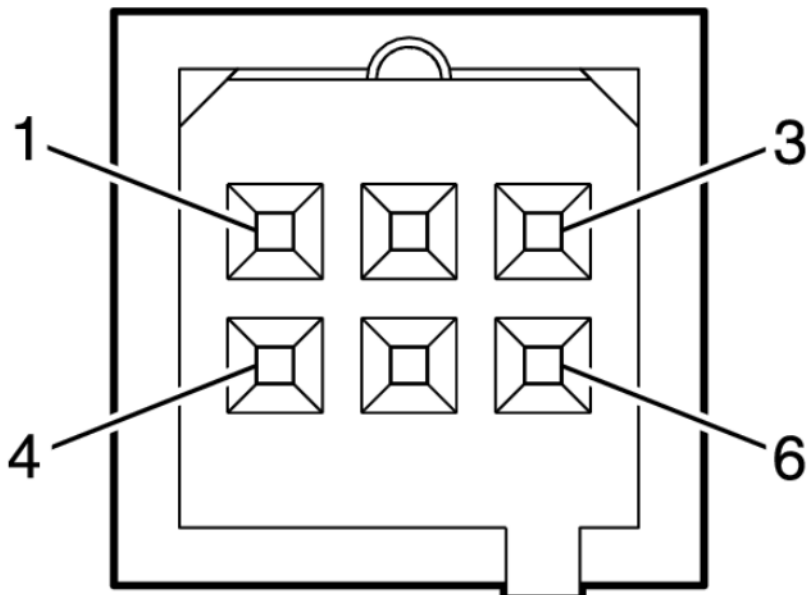
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BU	5797	Rear Closure Handle Switch Open Signal	I	-
2	0.5	BK	2350	Ground	I	-

S58B REAR COMPARTMENT LID UNLATCH SWITCH - INTERIOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13548426
- Service Connector: 13225892
- Description: 6-Way F 0.64 Micro-Quadlock Series (NA)

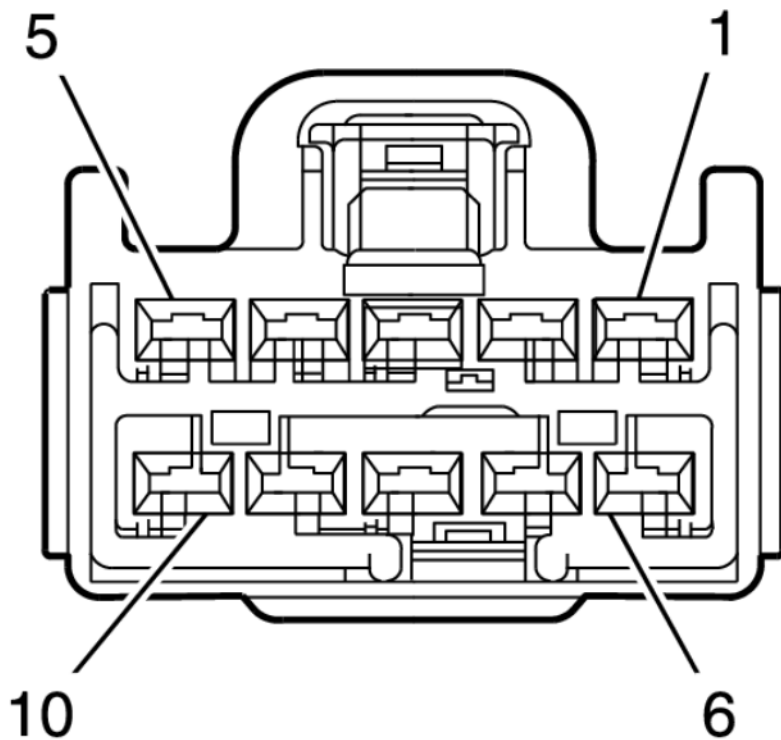
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/BU	6189	Lift Glass/Rear Compartment Lid Interior Release Signal	I	-
2	0.5	BK	1550	Ground	I	-
3 - 5	-	-	-	Not Occupied	-	-
6	0.35	YE	6817	LED Backlight Dimming Control	I	-

S64D SEAT ADJUSTER SWITCH - DRIVER X1





Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 7283-6457-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F YESC Kaizen Series (L-GY)

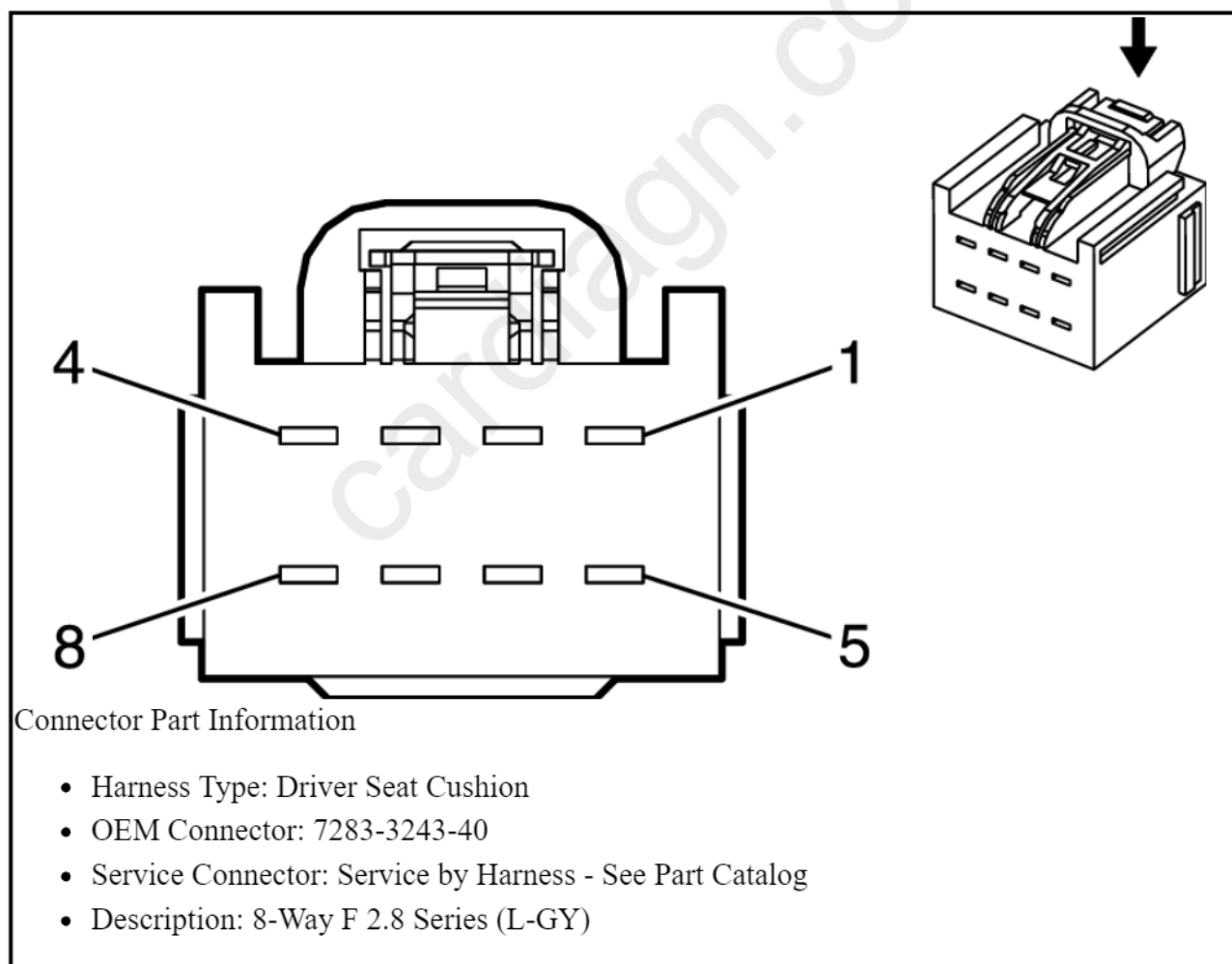
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 0.5	GN/BN BK/BN	1518 286	Power Seat Front Vertical Up Switch Signal Driver Power Seat Front Vertical Motor Up Control	I I	AG1+A45 -KA1
2	0.5	BK	2150	Ground	I	-
3	0.5 1	YE/BN YE/BU	1522 285	Power Seat Horizontal Forward Switch Signal Driver Power Seat Horizontal Motor Forward Control	I I	AG1+A45 -KA1
4	0.5 1	GY/BK BN/VT	1269 276	Power Seat Recline Forward Switch Signal Driver Power Seat Recline Motor Forward Control	I I	AG1+A45 -KA1
5	0.5 1	BU/VT GN/BN	1520 287	Power Seat Front Vertical Down Switch Signal Driver Power Seat Front Vertical Motor Down Control	I I	AG1+A45 -KA1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	0.5 1	BK RD/YE	2150 5040	Ground Battery Positive Voltage	I I	AG1+A45 -KA1
7	0.5 1	GY/GN YE/BU	1523 284	Power Seat Horizontal Rearward Switch Signal Driver Power Seat Horizontal Motor Rearward Control	I I	AG1+A45 -KA1
8	0.5 1	YE YE	1519 282	Power Seat Rear Vertical Up Switch Signal Driver Power Seat Rear Vertical Motor Up Control	I I	AG1+A45 -KA1
9	0.5 1	GN/GY BU/YE	1270 277	Power Seat Recline Rearward Switch Signal Driver Power Seat Recline Motor Rearward Control	I I	AG1+A45 -KA1
10	0.5 1	YE/BU GN/BU	1521 283	Power Seat Rear Vertical Down Switch Signal Driver Power Seat Rear Vertical Motor Down Control	I I	AG1+A45 -KA1

S64D SEAT ADJUSTER SWITCH - DRIVER X2

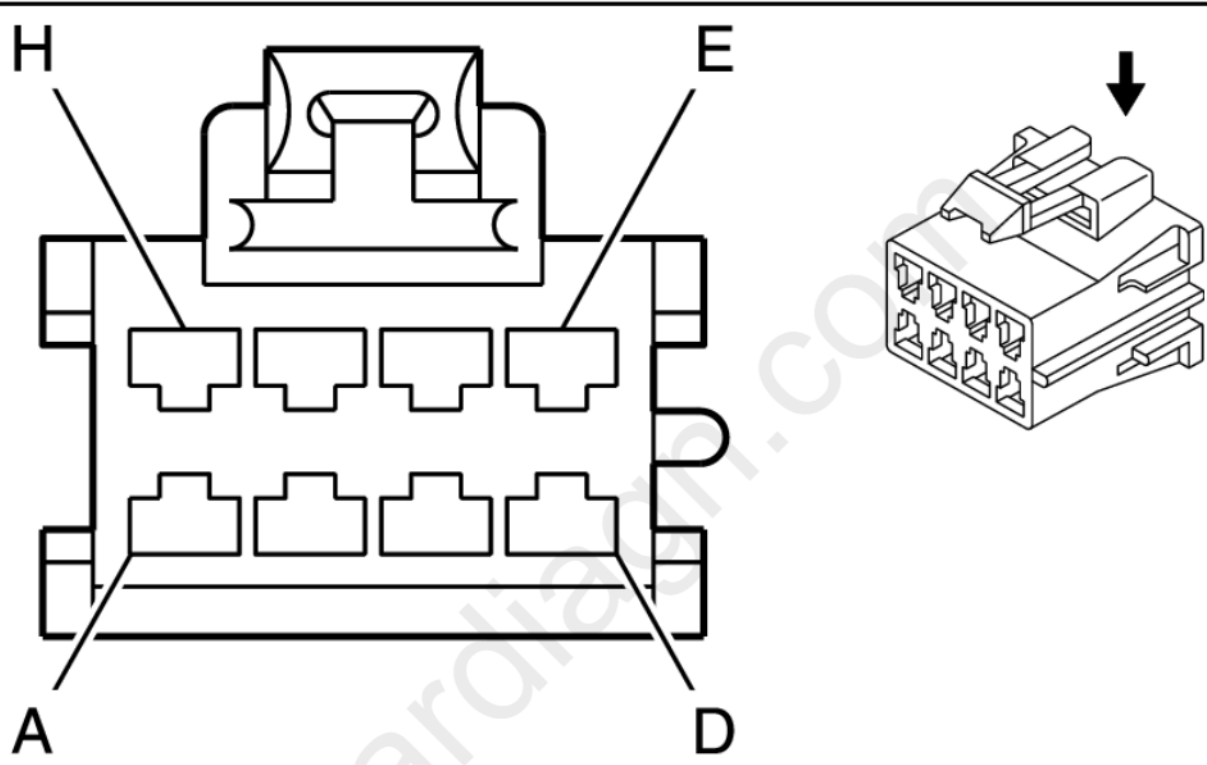


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5 0.75	YE BU	1065 611	Driver Seat Lumbar Forward Switch Signal Driver Power Seat Lumbar Motor Forward Control	I I	APG APG+KA1
3 - 5	-	-	-	Not Occupied	-	-
6	0.5 0.75	BU/VT VT	1064 610	Driver Seat Lumbar Rearward Switch Signal Driver Power Seat Lumbar Motor Rearward Control	I I	APG APG-KA1
7 - 8	-	-	-	Not Occupied	-	-

S64P SEAT ADJUSTER SWITCH - PASSENGER (A6C)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 12089287
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 280 Metri-Pack Series (NA)

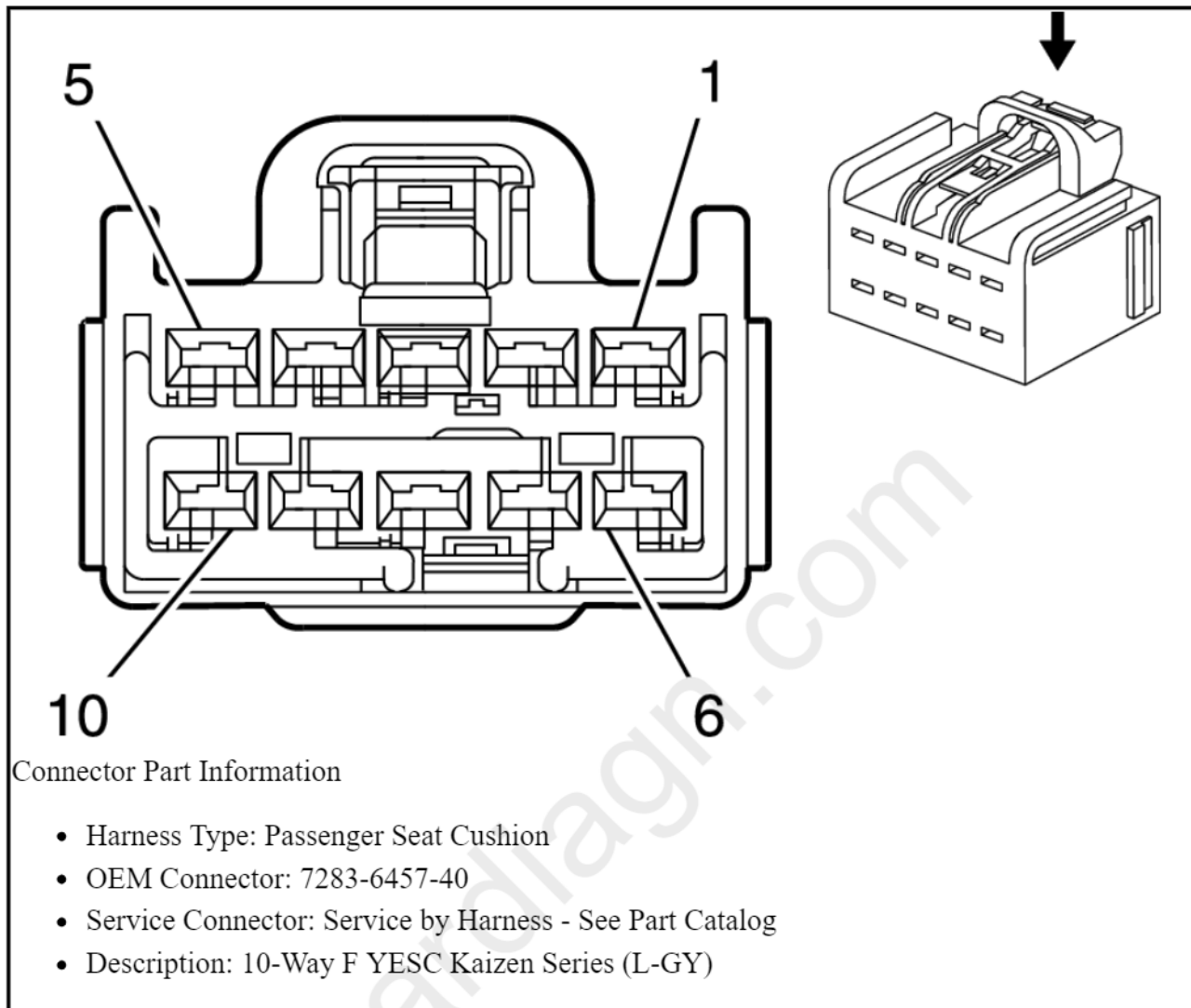
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1.0	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
B - C	-	-	-	Not Occupied	-	-
D	1.0	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
E	1.5	RD/BN	1440	Battery Positive Voltage	I	-
F - G	-	-	-	Not Occupied	-	-
H	1.5	BK	2050	Ground	I	-

S64P SEAT ADJUSTER SWITCH - PASSENGER X1 (AG2)



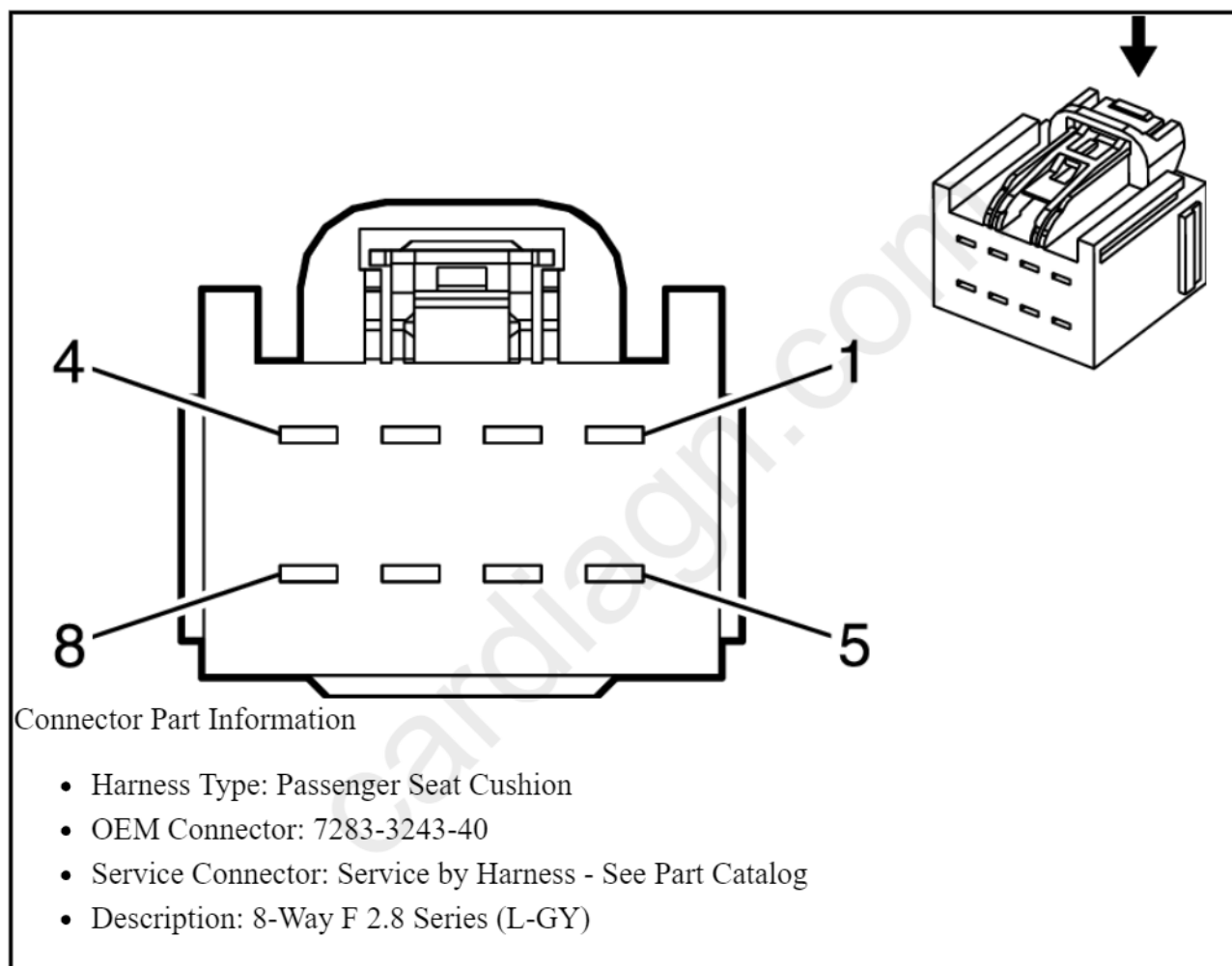
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	GN/BN	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
2	1.0	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-
3	1.0	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
4	1.0	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
5	1.5	BK	2050	Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	1.0	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
7	1.0	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
8	1.0	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-
9	1.0	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
10	1.5	RD/BN	1440	Battery Positive Voltage	I	-

S64P SEAT ADJUSTER SWITCH - PASSENGER X2 (AG2)



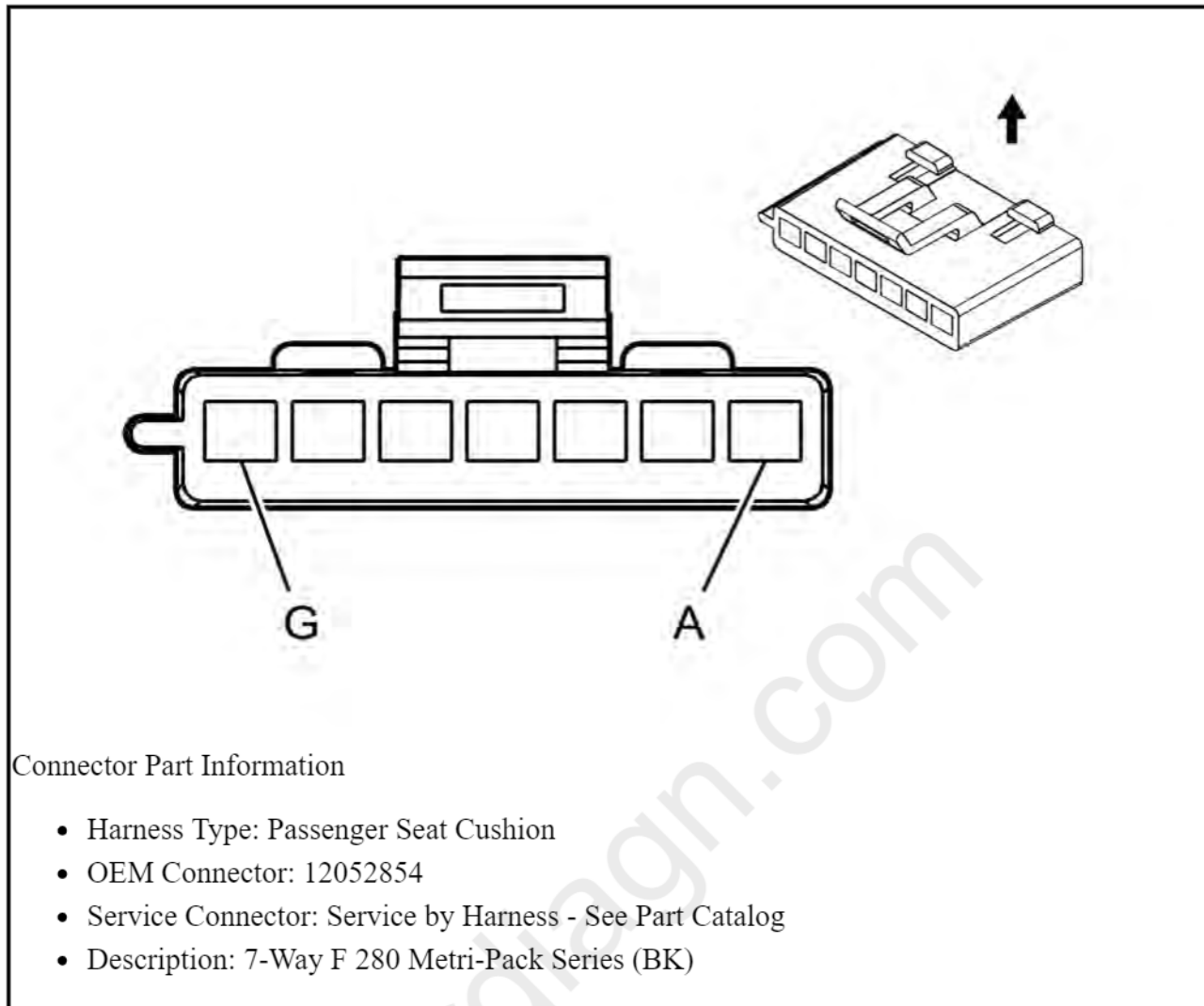
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.75	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7 - 8	-	-	-	Not Occupied	-	-

S65P SEAT LUMBAR SUPPORT SWITCH - PASSENGER

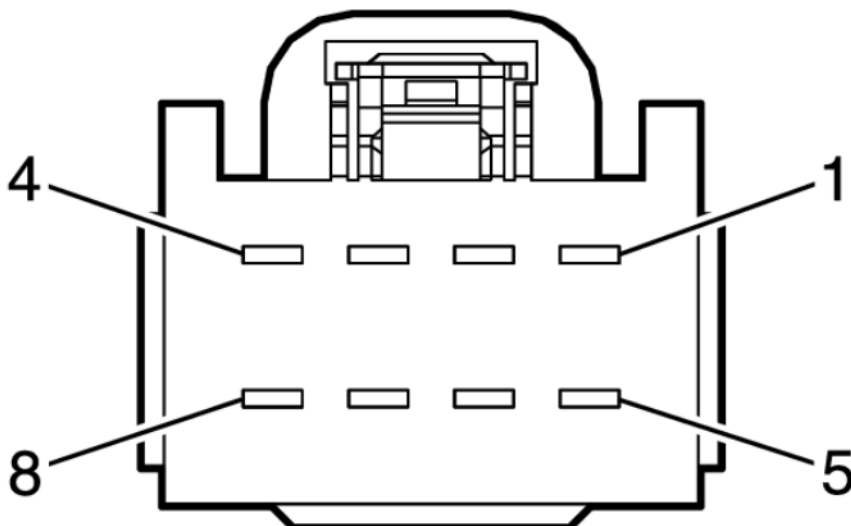


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	-	-	Not Occupied	-	-
B	0.75	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-
C	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
D	-	-	-	Not Occupied	-	-
E	0.75	BK	2050	Ground	I	-
F	-	-	-	Not Occupied	-	-
G	1.0	RD/BN	1440	Battery Positive Voltage	I	-

S65P SEAT LUMBAR SUPPORT SWITCH - PASSENGER (AG2)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 7283-3243-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series (L-GY)

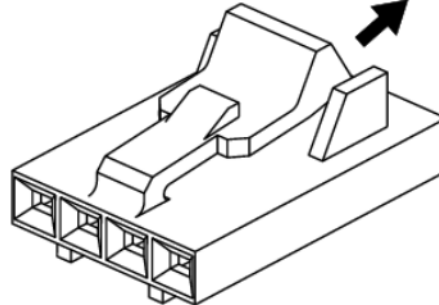
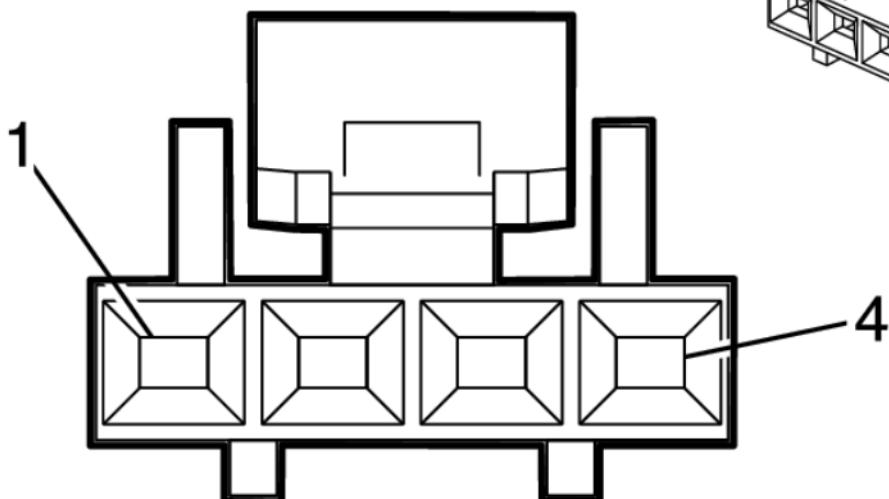
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	Not Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.75	L-BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-
7 - 8	-	-	-	Not Occupied	-	-

S70E STEERING WHEEL CONTROLS SWITCH - RADIO PRESETS





Connector Part Information

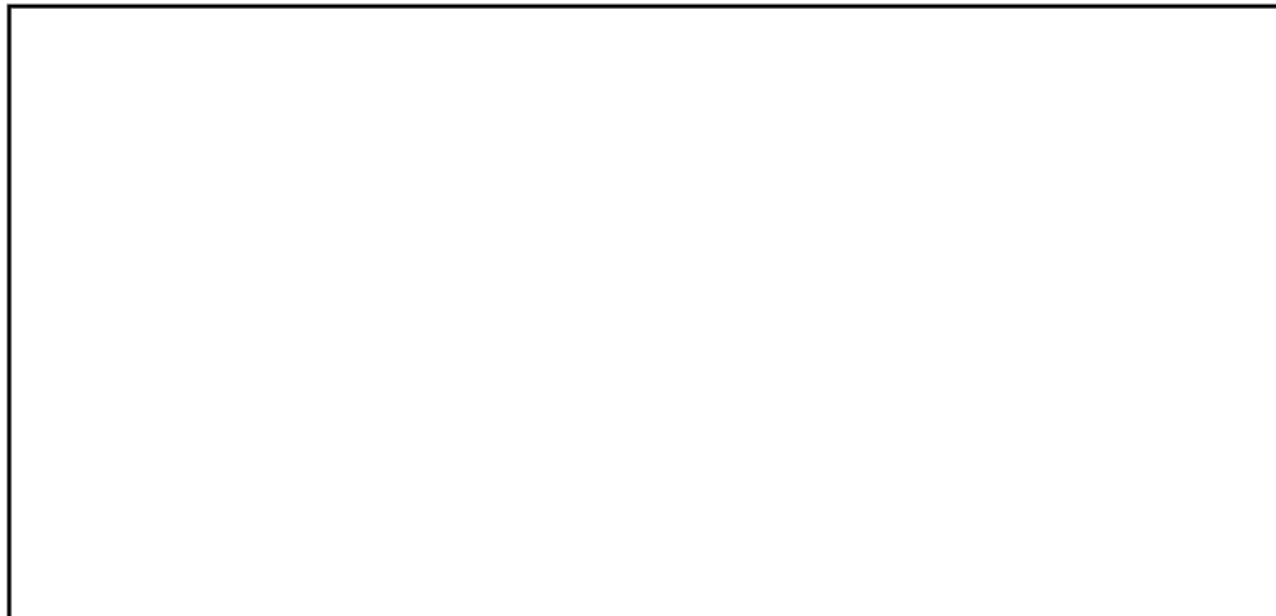
- Harness Type: Steering Wheel
- OEM Connector: 104257-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Series (BK)

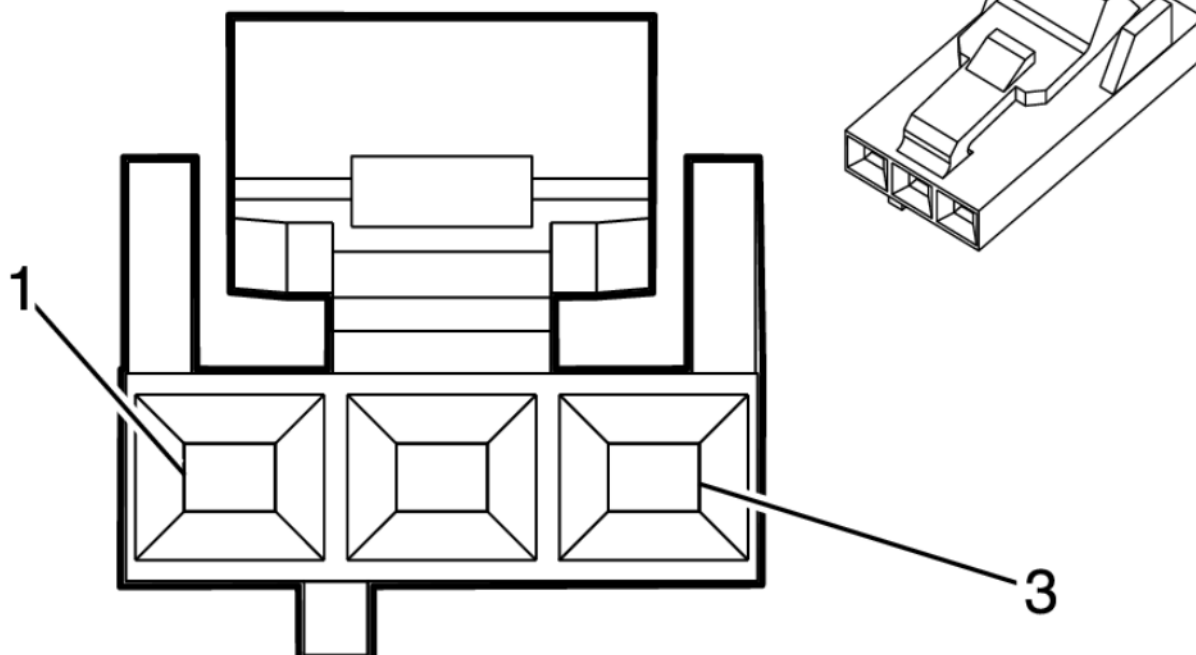
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BN	9500	Radio Preset Up Signal	I	-
3	0.35	WH	9501	Radio Preset Down Signal	I	-
4	0.35	BK	1550	Ground	I	-

S70F STEERING WHEEL CONTROLS SWITCH - RADIO VOLUME





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 104257-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series (BK)

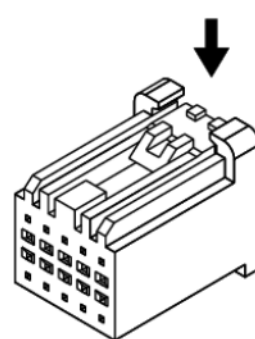
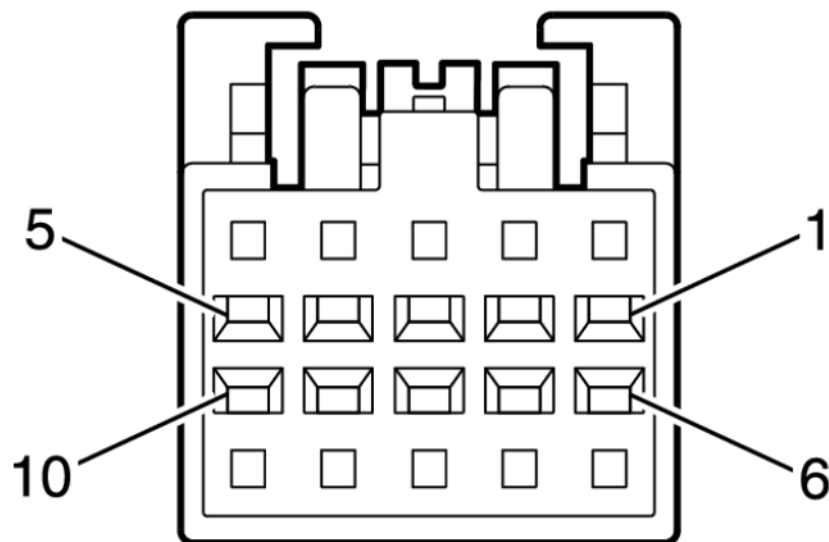
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1550	Ground	I	-
2	0.35	BU	9503	Radio Volume Down Signal	I	-
3	0.35	TN	9502	Radio Volume Up Signal	I	-

S70L STEERING WHEEL CONTROLS SWITCH - LEFT





Connector Part Information

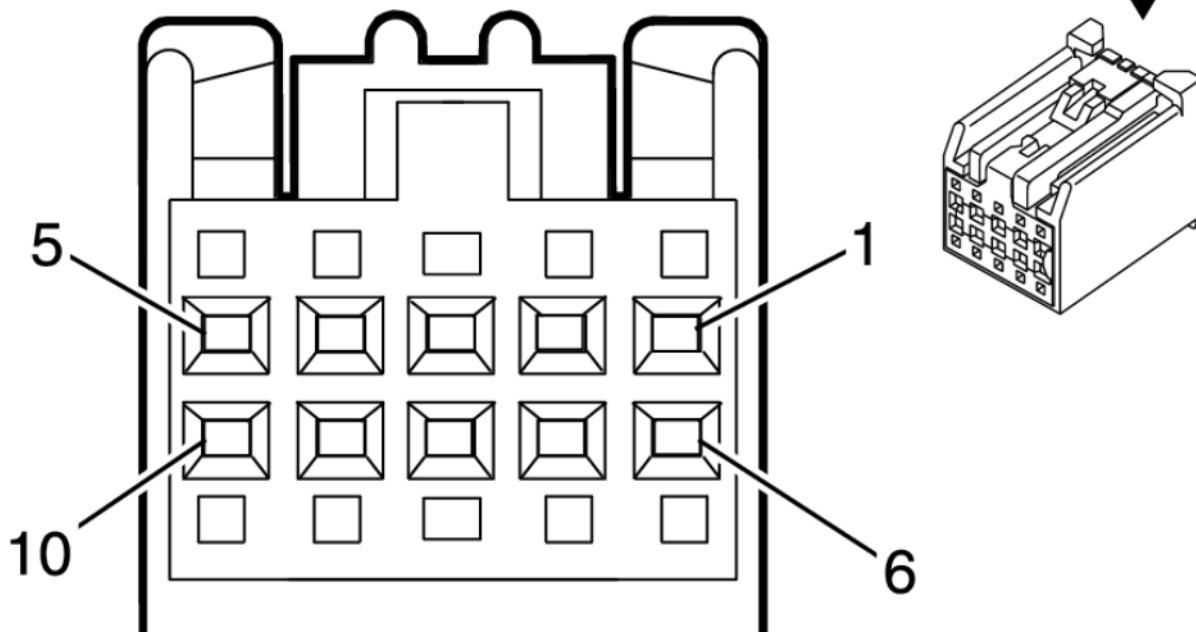
- Harness Type: Steering Wheel Air Bag
- OEM Connector: AIT2PB-10P-2BH
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1550	Ground	I	-
2	0.35	YE	5883	Heated Steering Wheel Switch Signal	I	-
3	0.35	VT/OG	6817	LED Backlight Dimming Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	PK	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	K34/KSG
	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-K34/KSG
6	-	-	-	Not Occupied	-	-
7	0.35	GN	5884	Heated Steering Wheel Switch LED Control	I	-
8	0.35	BU	6816	Indicator Dimming Control	I	-
9	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
10	0.35	YE	1444	12V Reference	I	-

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT



Connector Part Information

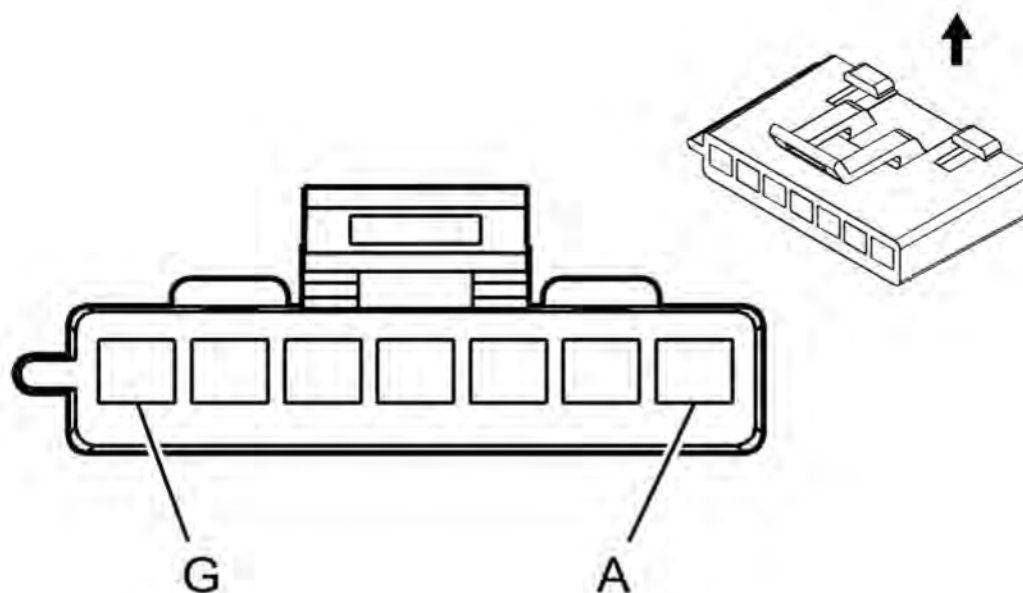
- Harness Type: Steering Wheel Air Bag
- OEM Connector: AIT2PB-10P-2AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	5440	Battery Positive Voltage	I	W1Y
	0.35	RD/WH	5440	Battery Positive Voltage	I	-W1Y
2	0.35	TN	6816	Indicator Dimming Control	I	-
3	0.35	VT/OG	6817	LED Backlight Dimming Control	I	-
4	0.35	TN	9502	Radio Volume Up Signal	I	-
5	0.35	BU	9503	Radio Volume Down Signal	I	-
6	0.35	OG	3894	Local Interconnect Network Serial Data Bus 12	I	W1Y
	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-W1Y
7	-	-	-	Not Occupied	-	-
8	0.35	BN	9500	Radio Preset Up Signal	I	-
9	0.35	WH	9501	Radio Preset Down Signal	I	-
10	0.35	BK	1550	Ground	I	-

S71 STEERING COLUMN TILT AND TELESCOPE SWITCH



Connector Part Information

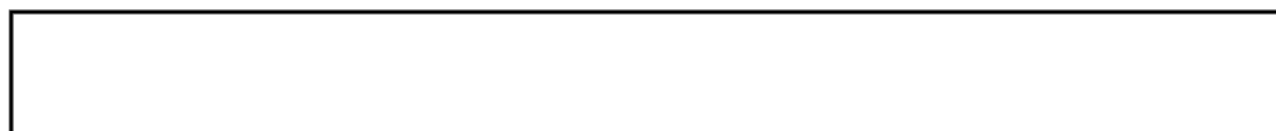
- Harness Type: Instrument Panel
- OEM Connector: 12052854
- Service Connector: 15862656
- Description: 7-Way F 280 Metri-Pack Series (BK)

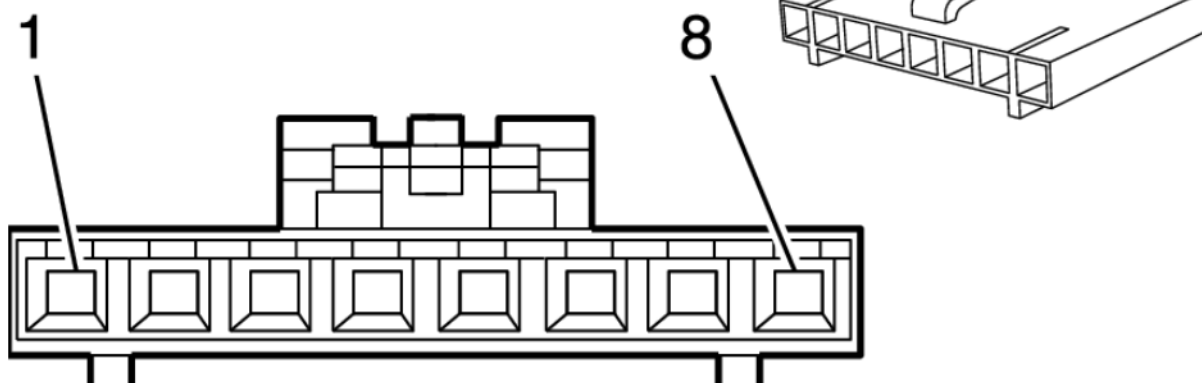
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/YE	2094	Steering Column Tilt and Telescope Forward Switch Signal	I	-
B	0.35	YE/BN	2097	Steering Column Tilt and Telescope Down Switch Signal	I	-
C	0.35	BN/GY	2096	Steering Column Tilt and Telescope Up Switch Signal	I	-
D - E	-	-	-	Not Occupied	-	-
F	0.35	GN/BN	2095	Steering Column Tilt and Telescope Rearward Switch Signal	I	-
G	0.5	BK	2155	Steering Column Tilt and Telescope Switch Low Reference	I	-

S72 SUNROOF SWITCH





Connector Part Information

- Harness Type: Headliner
- OEM Connector: 12103492
- Service Connector: 89046705
- Description: 8-Way F 0.64 SL Series (BK)

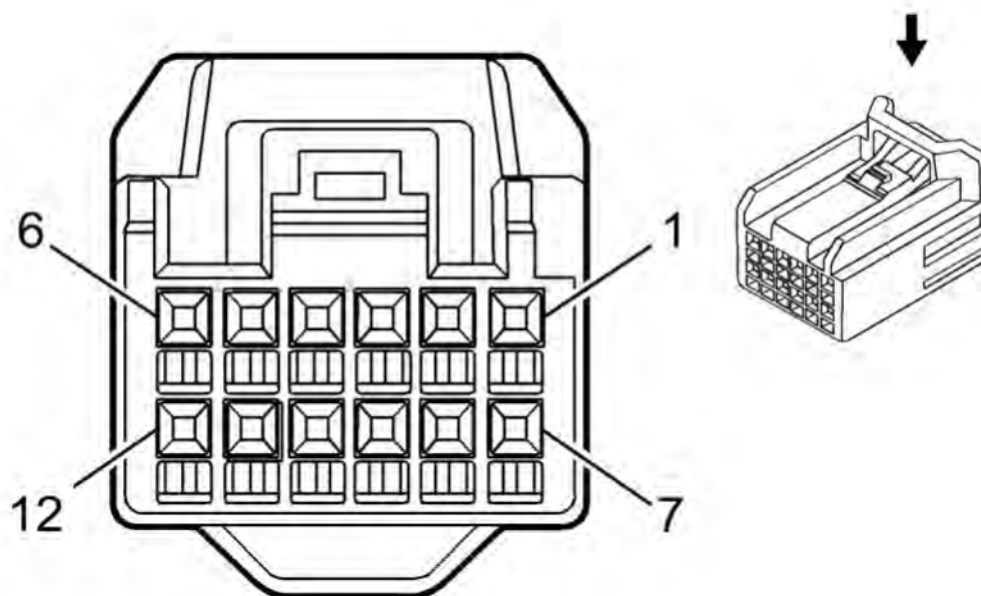
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BU/GY	3032	Front Sunshade Switch Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BU/VT	5027	Sunroof Switch Data 1 Signal	I	-
5	0.35	BK/GY	128	Sunroof Switch Low Reference	I	-
6	0.35	BK	2550	Ground	I	-
7 - 8	-	-	-	Not Occupied	-	-

S78 TURN SIGNAL/MULTIFUNCTION SWITCH





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13604008
- Service Connector: 13576635
- Description: 12-Way F 0.64 Series (BK)

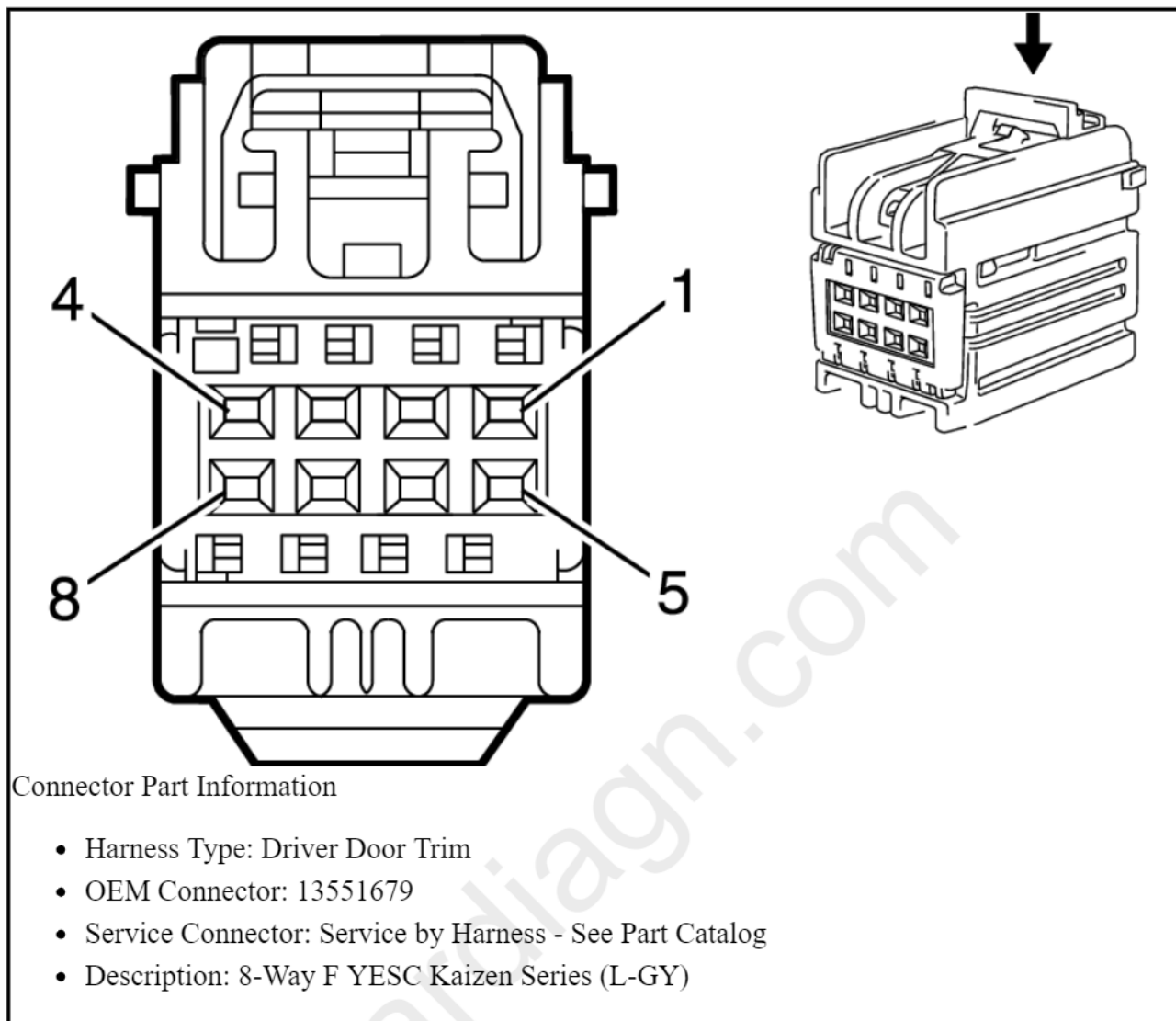
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575870	J-35616-64B (LT BU)	J-38125-12A	SNAC3-A021T-M0.64	Delphi 20	J	J
II	13579954	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	WH/VT	103	Headlamp Switch On Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.13	BU	664	Hazard Switch Right Turn Signal	II	-
5	0.13	GN	663	Hazard Switch Left Turn Signal	II	-
6	0.5	BK	1650	Ground	I	-
7	0.35	GN/GY	13	Headlamp Switch Park Lamp Signal	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BN	306	Headlamp Switch Headlamps Off Signal Control	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-

S79D WINDOW SWITCH - DRIVER



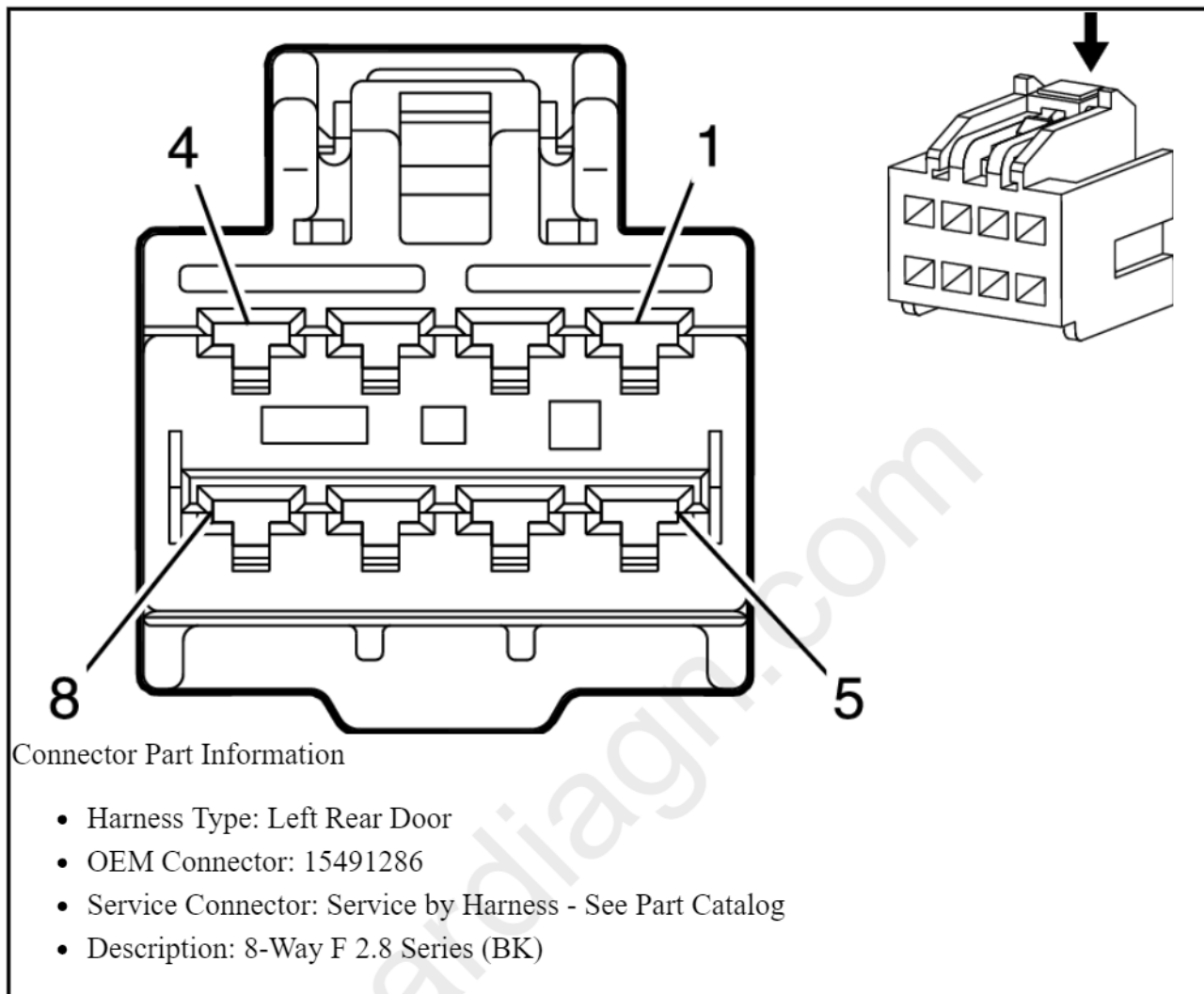
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	850	Ground	I	-
2	0.35	GN	3381	Power Window Switch Driver Express Signal	I	-
3	0.35	GY	3380	Power Window Switch Driver Down Signal	I	-
4	0.35	RD/VT	1940	Battery Positive Voltage	I	-
5	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	I	-
6	0.35	GN/WH	3379	Power Window Switch Driver Up Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
8	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-

S79LR WINDOW SWITCH - LEFT REAR



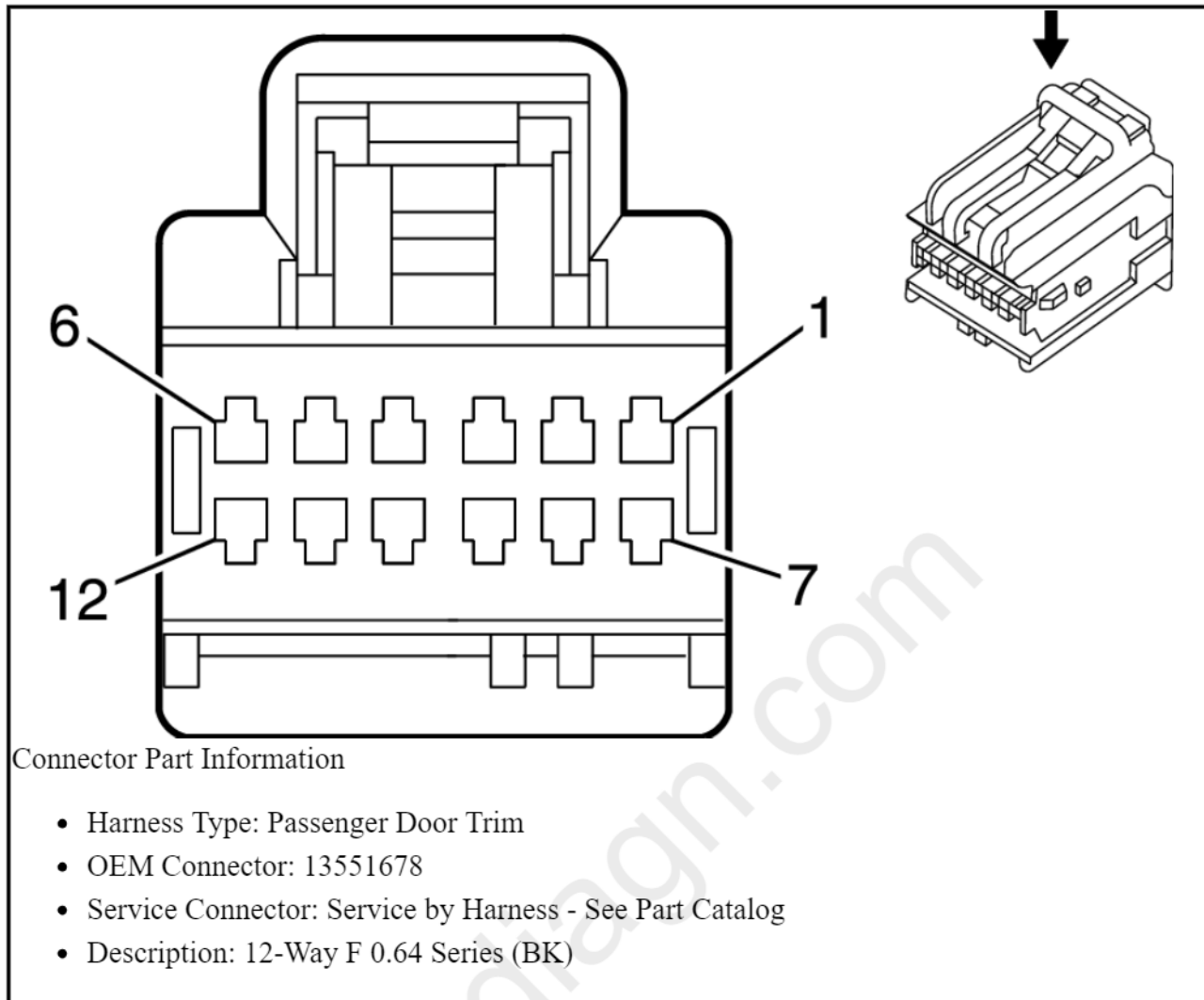
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	I	-
2	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
3	0.35	BK	850	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	1.5	BK	2150	Ground	I	-
6	1.5	BU/VT	668	Power Window Motor Left Rear Up Control	I	-
7	1.5	YE/BU	669	Power Window Motor Left Rear Down Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	1.5	RD/WH	1340	Battery Positive Voltage	I	-

S79P WINDOW SWITCH - PASSENGER X2



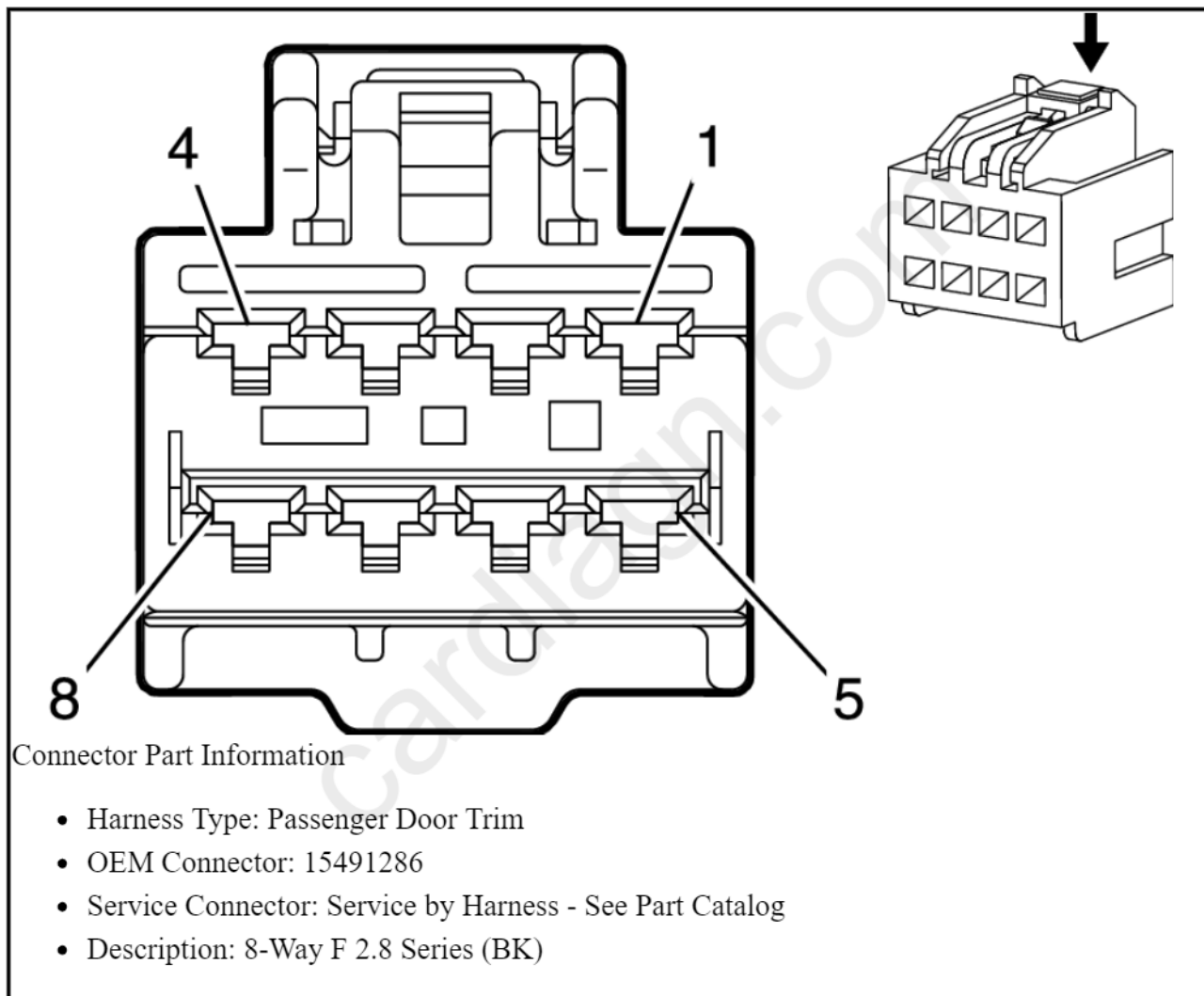
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/WH	3413	Passenger Mirror Motor Fold Out Control	I	-
2	0.5	YE/VT	3397	Passenger Mirror Motor Up (+) Down (-) Control	I	-
3	0.5	WH	3398	Passenger Mirror Motor Common Control	I	-
4	0.5	YE/RD	3399	Passenger Mirror Position Sensor 5V Reference	I	-
5	0.5	BU/YE	3401	Passenger Mirror Position Sensor Up (+) Down (-) Signal	I	-
6	0.5	BK/GN	3400	Passenger Mirror Position Sensor Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.5	BU/GY	3414	Passenger Mirror Motor Fold In Control	I	-
8	0.5	GN/BK	3396	Passenger Mirror Motor Right (+) Left (-) Control	I	-
9	0.5	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/WH	3403	Passenger Mirror Position Sensor Left (-) Right (+) Signal	I	-
12	-	-	-	Not Occupied	-	-

S79P WINDOW SWITCH - PASSENGER X1



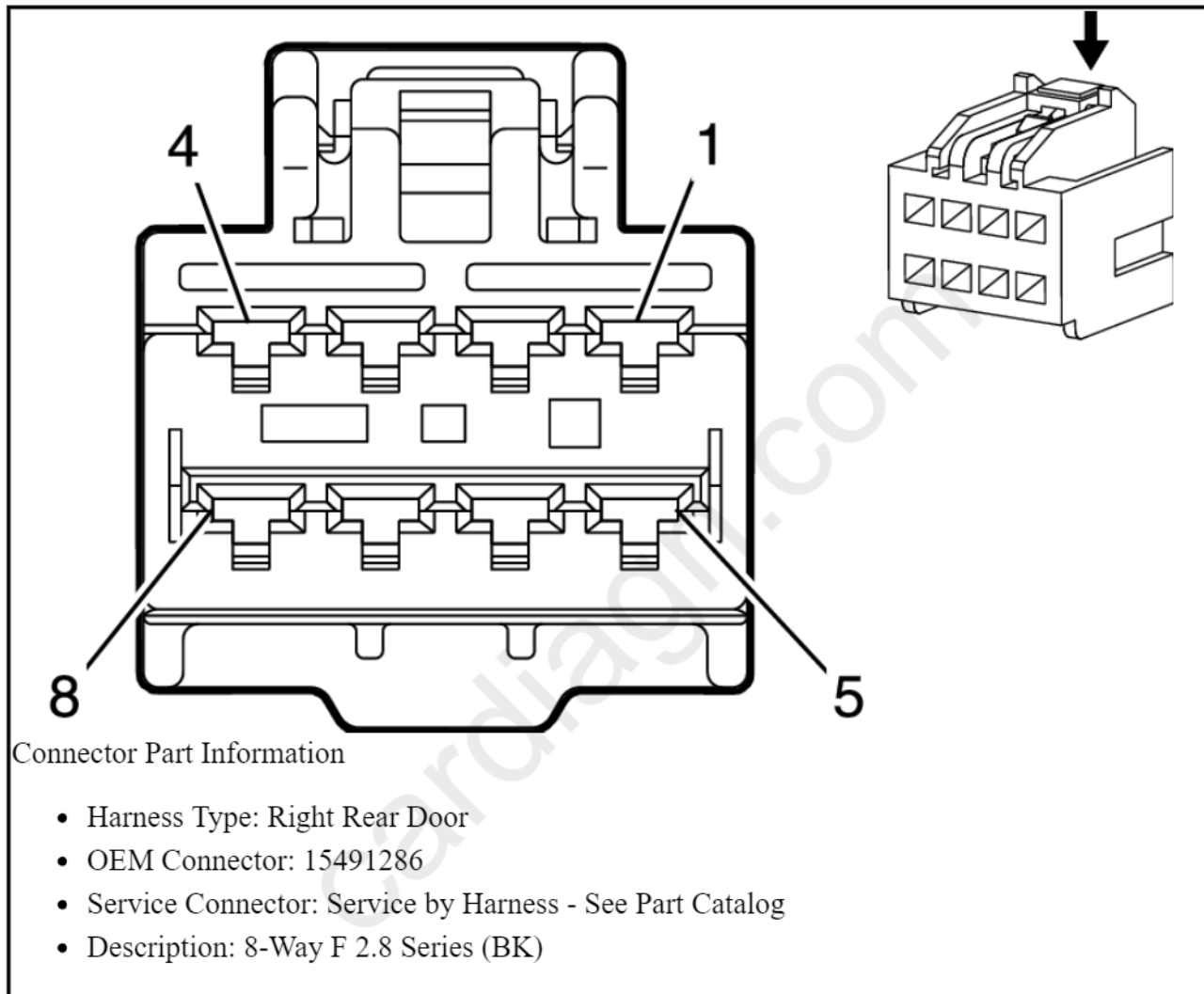
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BK	2050	Ground	I	-
2	1.5	GN/GY	3387	Power Window Motor Passenger Up Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	1.5	YE/BU	3388	Power Window Motor Passenger Down Control	I	-
4	1.5	RD/BU	1240	Battery Positive Voltage	I	-
5	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	I	-
6	0.35	GY	746	Right Front Door Ajar Switch Signal	I	-
7 - 8	-	-	-	Not Occupied	-	-

S79RR WINDOW SWITCH - RIGHT REAR



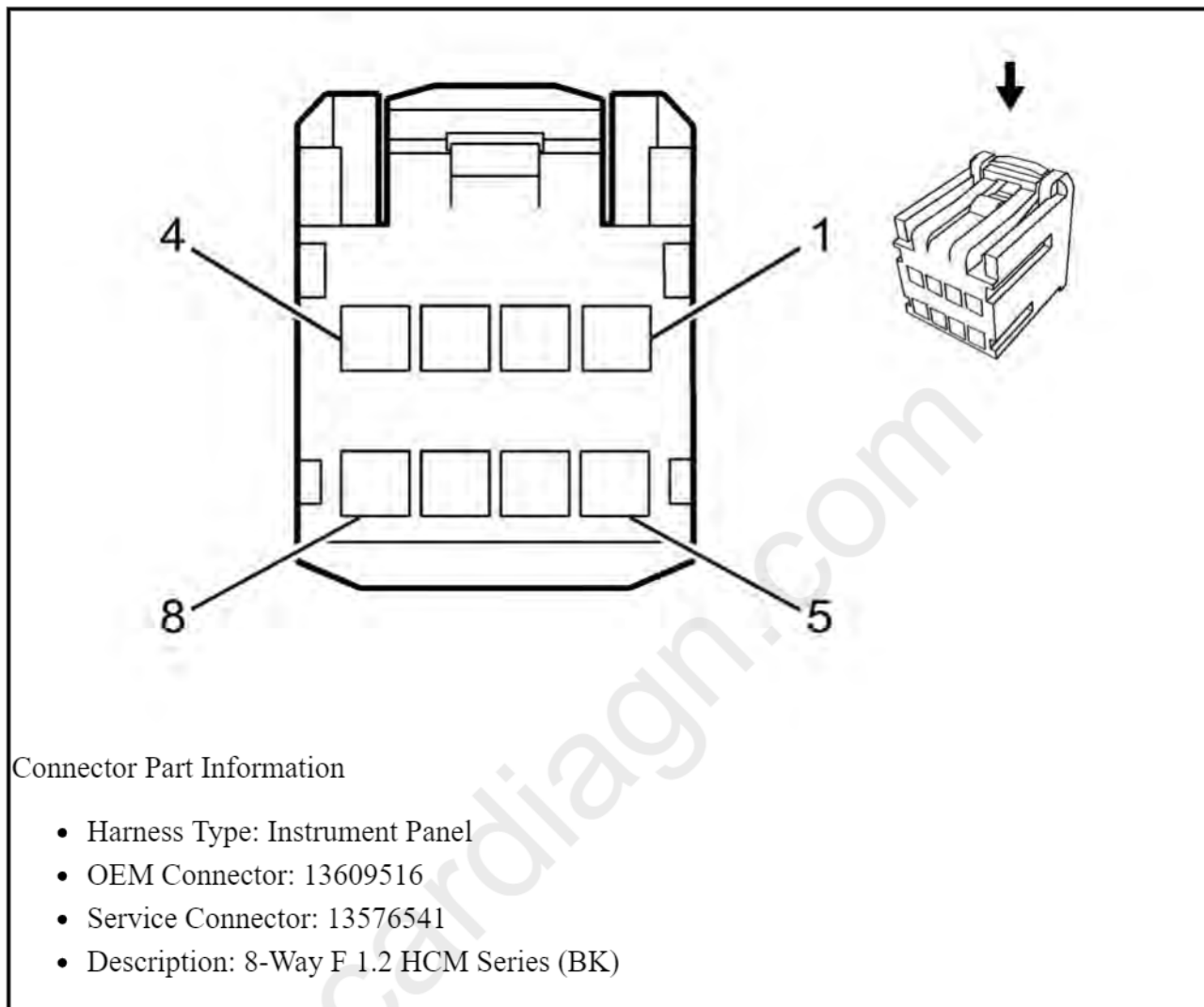
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	I	-
2	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	1.5	BK	2050	Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	1.5	BU/GY	670	Power Window Motor Right Rear Up Control	I	-
7	1.5	GN/BK	671	Power Window Motor Right Rear Down Control	I	-
8	1.5	RD/WH	1340	Battery Positive Voltage	I	-

S82 WINDSHIELD WIPER/WASHER SWITCH



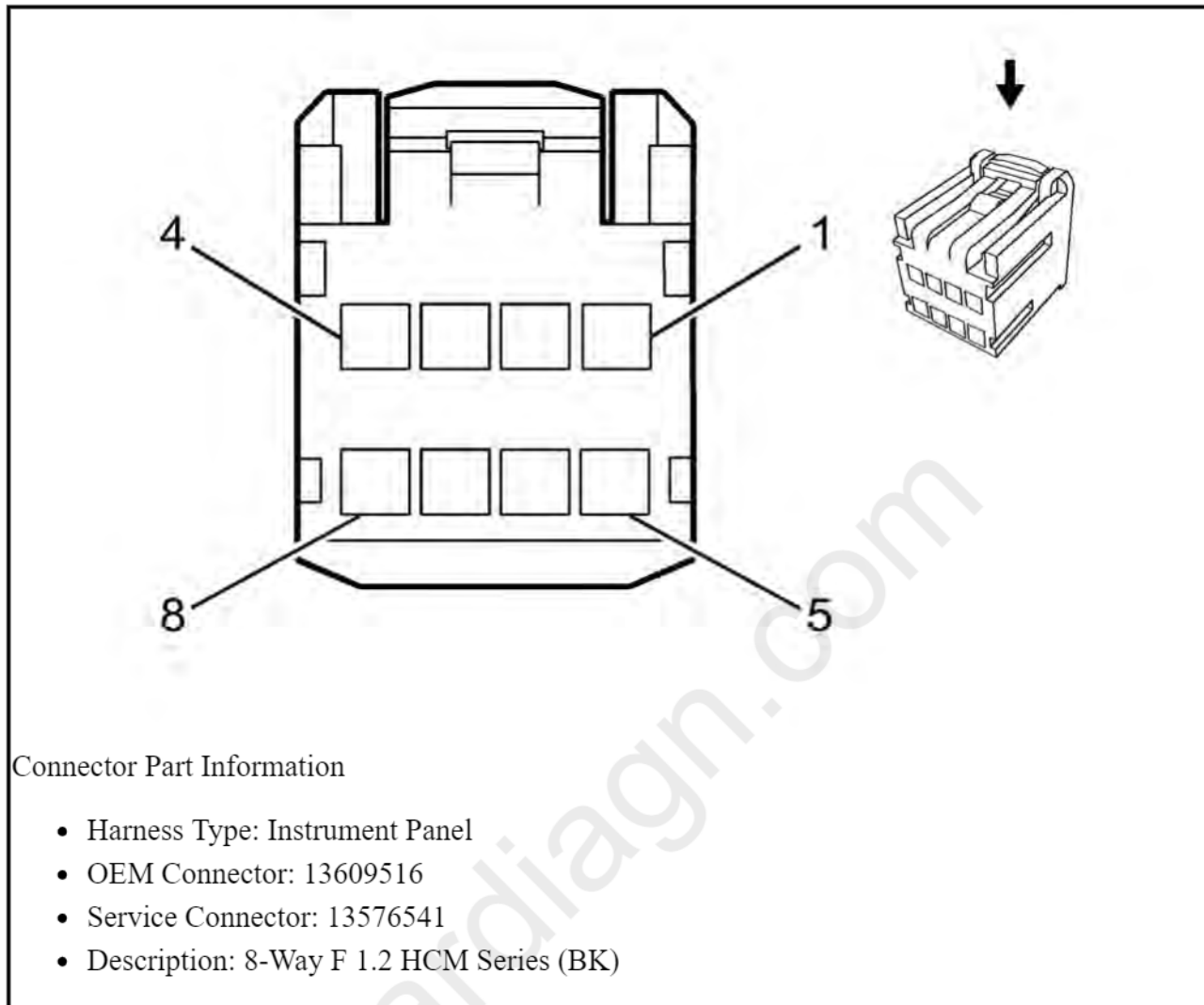
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	GY	1715	Windshield Wiper Switch High Signal	I	-
2	0.13	BK	6009	Windshield Wiper Switch Low Reference	I	-
3	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	II	-
4	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	WH/BK	94	Windshield Washer Switch Signal	II	-
6 - 8	-	-	-	Not Occupied	-	-

S91 PARK BRAKE CONTROL SWITCH



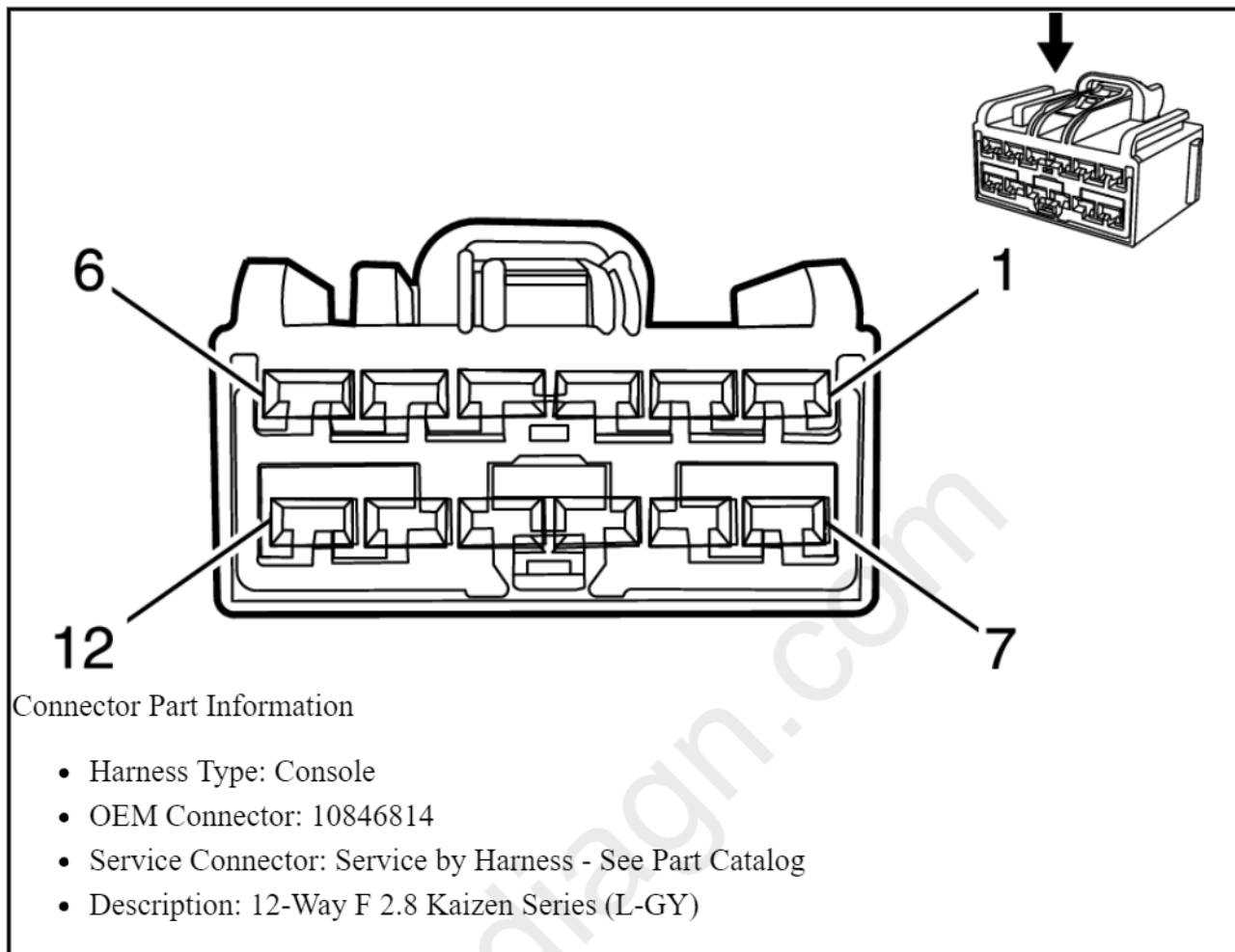
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	1492	Park Brake Switch Supply Voltage	I	-
2	0.35	BU/VT	1134	Park Brake Switch Signal	I	-
3	0.35	BU/BK	6108	Park Brake Release Switch Signal	I	-
4	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	I	-
5	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	I	-
6	0.35	YE	6817	LED Backlight Dimming Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	BN	6107	Park Brake Apply Switch Signal	I	-
8	0.5	BK	1550	Ground	I	-

T1 ACCESSORY DC/AC POWER INVERTER MODULE

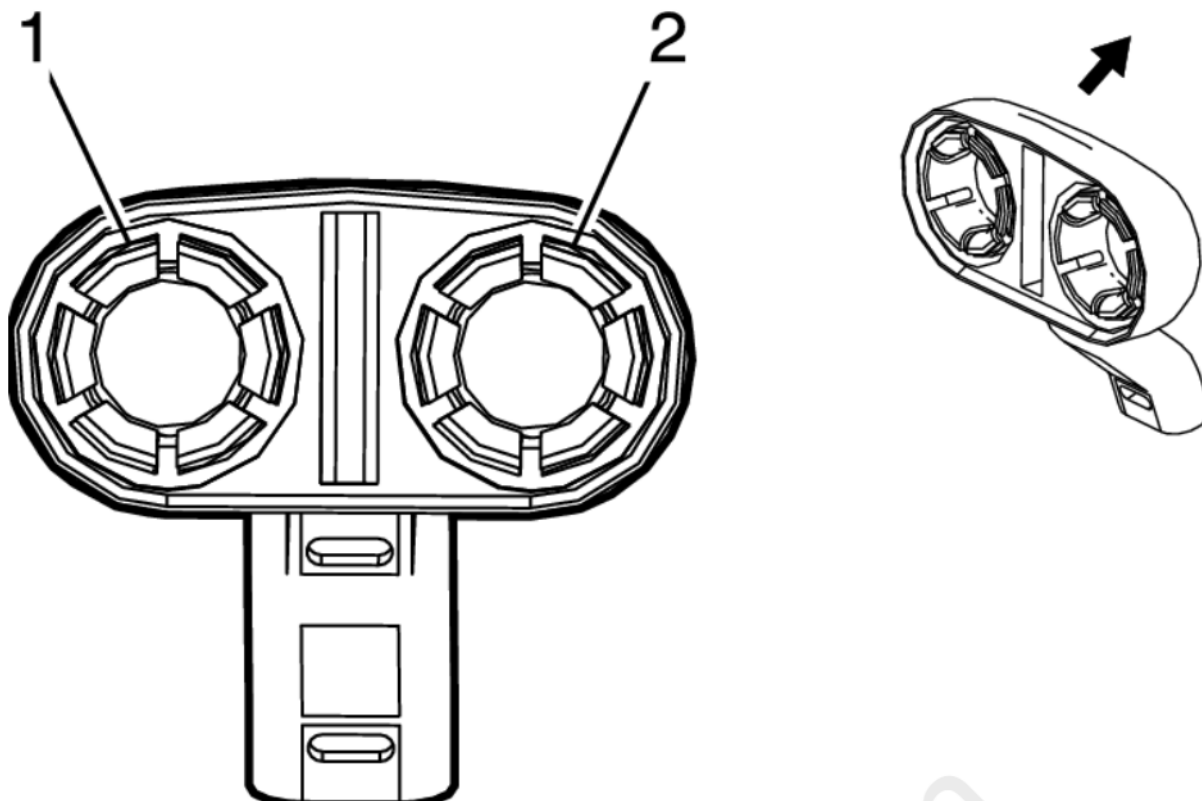


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	BK	5683	120 V AC Phase A	I	-
3	0.75	BN	686	230 V AC Phase A	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	2.5	RD/VT	4640	Battery Positive Voltage	I	-
7	0.75	RD	5684	120 V AC Phase B	I	KI6
	0.75	BU	6865	230 V AC Phase B	I	KI7
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	BARE	514	Low Reference	I	-
11	2.5	BK	1550	Ground	I	-
12	0.35	BU/WH	6807	DC To AC Inverter Control	I	-

T2 ANTENNA



Connector Part Information

- Harness Type: Radio Antenna Amplifier
- OEM Connector: 8672002999
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Push-Button Type (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	6002	Antenna Diversity Signal	I	-
2	0.5	BK/WH	3292	Antenna Diversity Signal 3	I	-

T2RR ANTENNA - ROOF REAR X3

Connector Part Information

- Harness Type: Headliner COAX
- OEM Connector: Not available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way

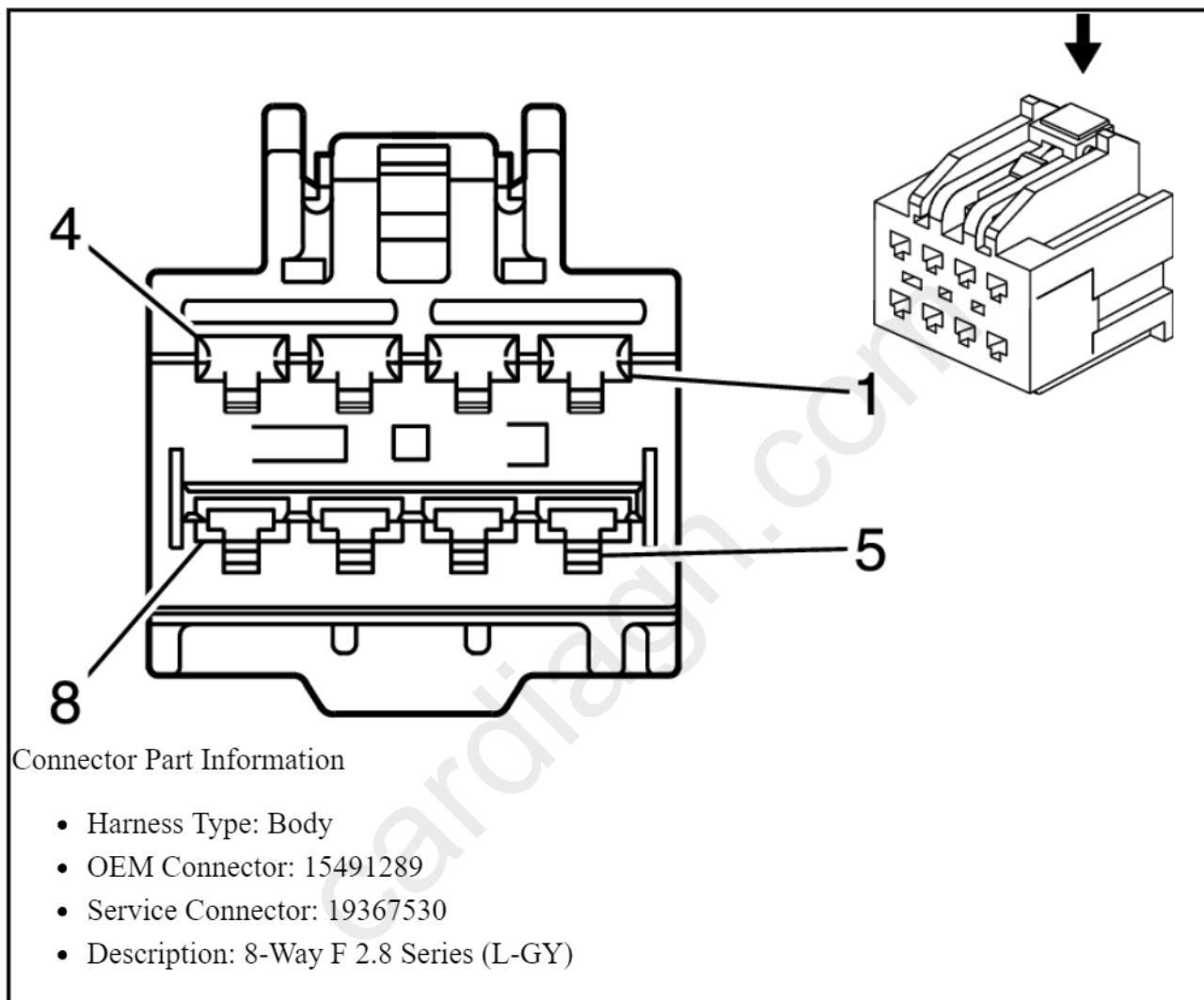
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

T3 AUDIO AMPLIFIER X1 (UQG)



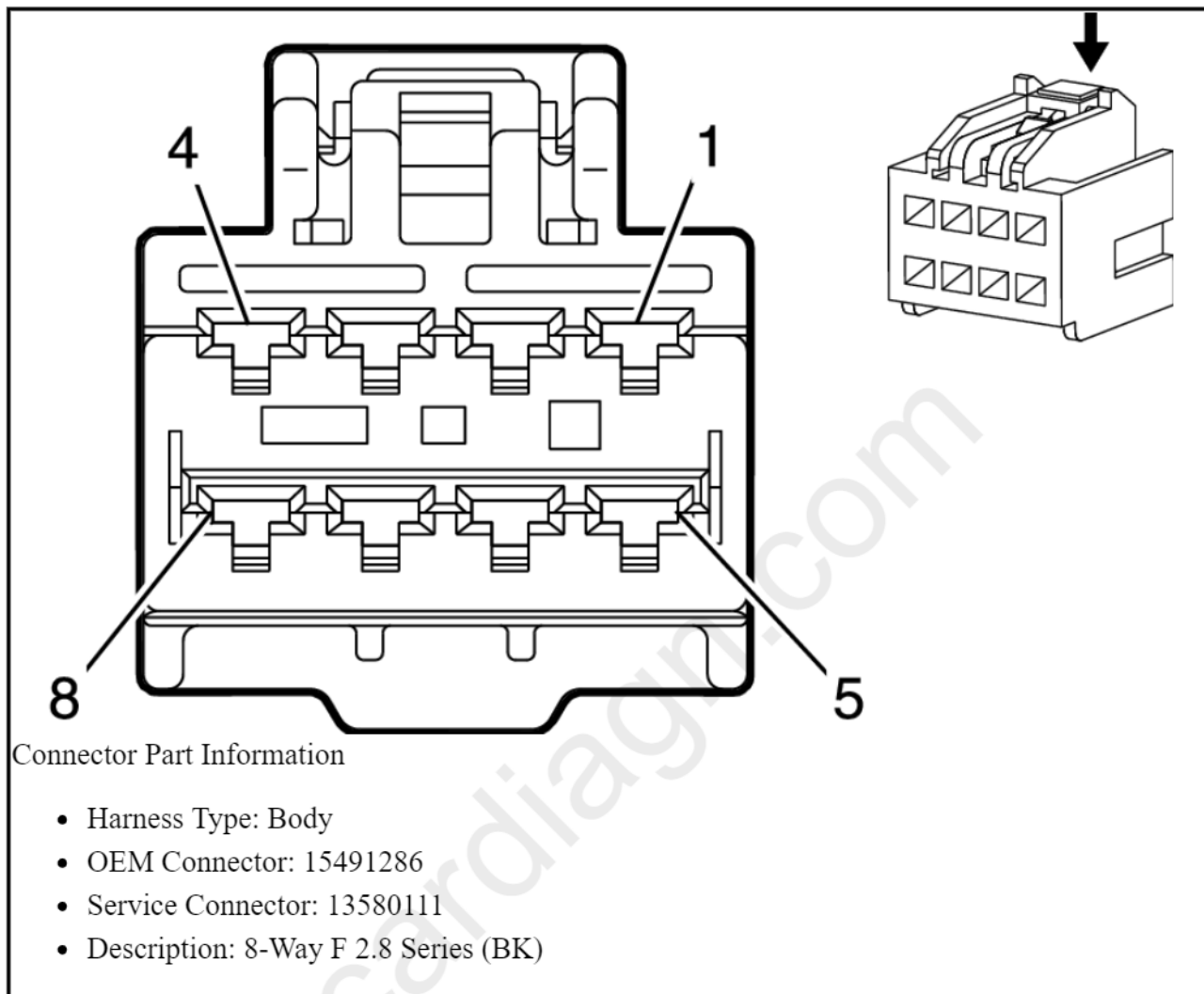
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	1	YE	200	Right Front Speaker Control (+) 1	I	-
3	1	BU	201	Left Front Speaker Control (+) 1	I	-
4	2.5	RD/YE	3740	Battery Positive Voltage	I	-
5	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	1	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
7	1	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
8	2.5	BK	450	Ground	I	-

T3 AUDIO AMPLIFIER X1 (UQS)



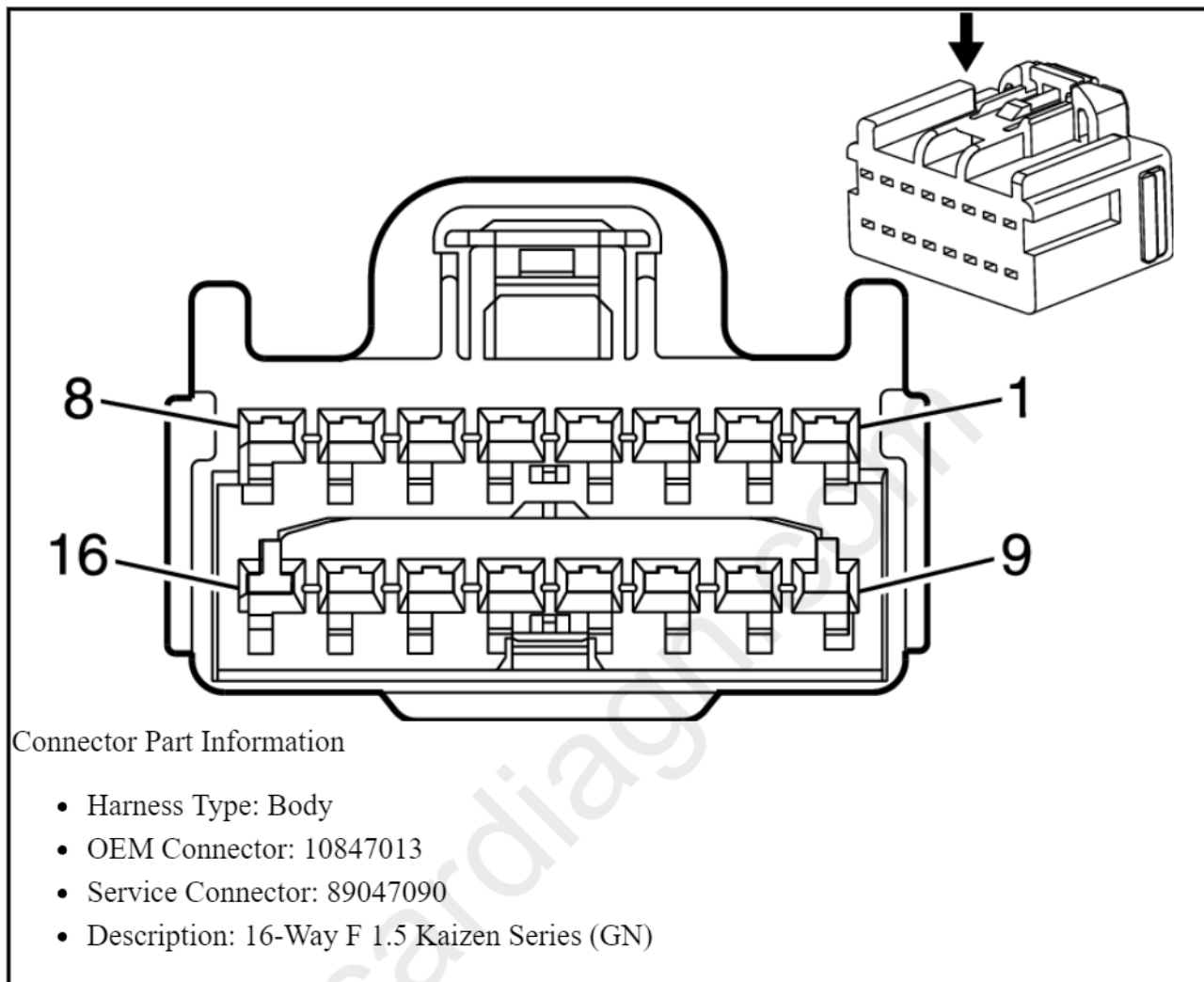
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	-
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	-
3	1.5	BU	201	Left Front Speaker Control (+) 1	I	-
4	2.5	RD/YE	3740	Battery Positive Voltage	I	-
5	1.5	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
6	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
7	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
8	2.5	BK	450	Ground	I	-

T3 AUDIO AMPLIFIER X2



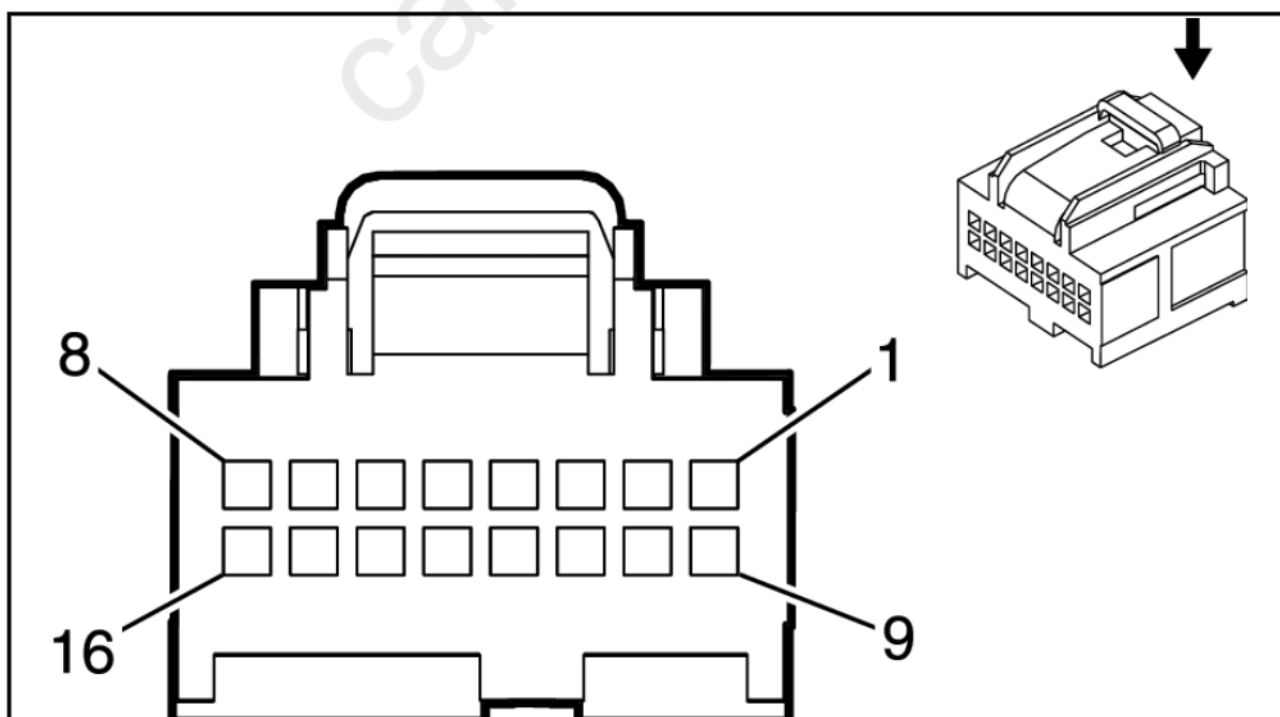
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13578892	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	1	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	-
3	0.75	YE/WH	1860	Front Center Speaker Control (+)	I	-
4	1 0.75	BN/GN BN/GN	1852 1852	Right Front Tweeter Speaker Control (+) Right Front Tweeter Speaker Control (+)	I I	-HP6 UQS

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	1 0.75	YE/BU YE/BU	1856 1856	Left Front Tweeter Speaker Control (+) Left Front Tweeter Speaker Control (+)	I I	-HP6 UQS
6	1 0.75	WH WH	46 46	Right Rear Speaker Control (+) Right Rear Speaker Control (+)	I I	-HP6 UQS
7	1 0.75	GN GN	199 199	Left Rear Speaker Control (+) Left Rear Speaker Control (+)	I I	-HP6 UQS
8	1.5	GY/BK	315	Right Subwoofer Speaker (-) Low Reference	II	-
9	-	-	-	Not Occupied	-	-
10	1	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	-
11	0.75	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
12	1 0.75	VT/BN VT/BN	1952 1952	Right Front Tweeter Speaker (-) Low Reference Right Front Tweeter Speaker (-) Low Reference	I I	-HP6 UQS
13	1 0.75	YE/GY YE/GY	1956 1956	Left Front Tweeter Speaker (-) Low Reference Left Front Tweeter Speaker (-) Low Reference	I I	-HP6 UQS
14	1 0.75	BU/BK BU/BK	115 115	Right Rear Speaker Signal (-) Right Rear Speaker Signal (-)	I I	-HP6 UQS
15	1 0.75	GN/BK GN/BK	116 116	Left Rear Speaker Signal (-) Left Rear Speaker Signal (-)	I I	-HP6 UQS
16	1.5	GN/VT	1795	Right Subwoofer Speaker Control (+)	II	-

T3 AUDIO AMPLIFIER X3



Connector Part Information

- Harness Type: Body
- OEM Connector: 13819409

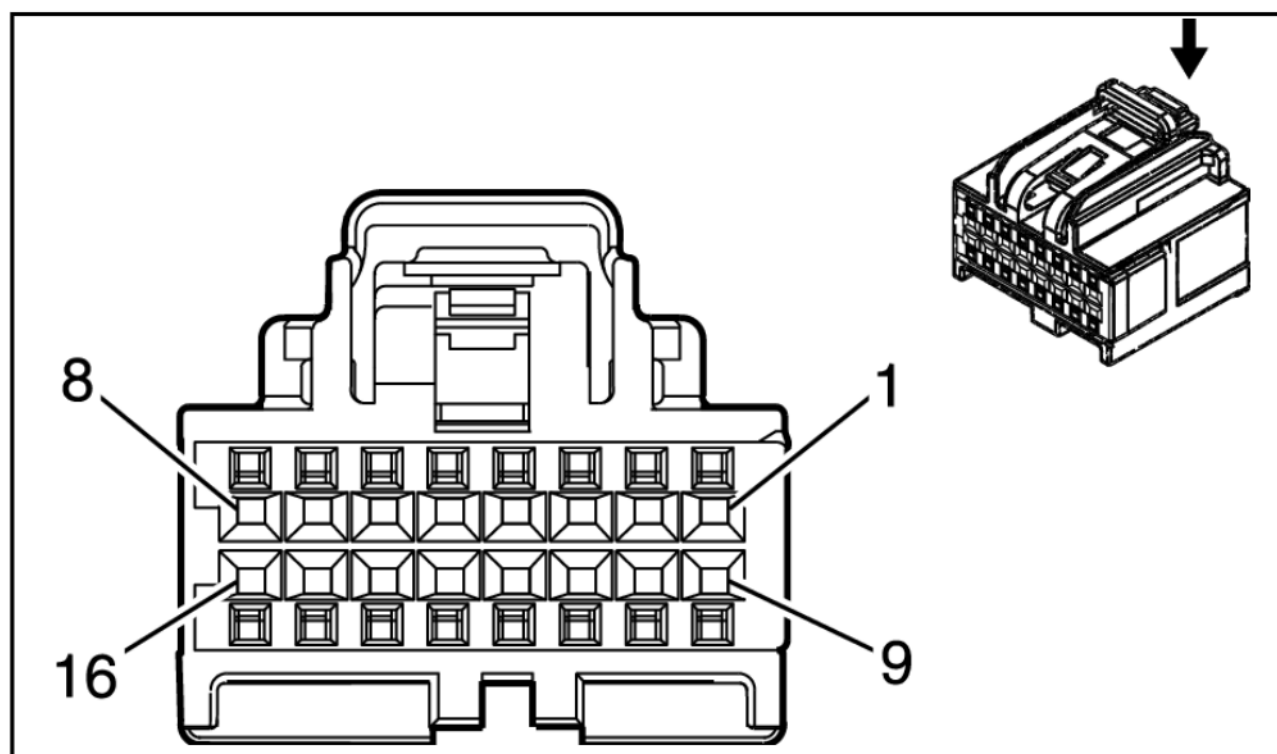
- Service Connector: 13582576
- Description: 16-Way F 0.64 OCS Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19300660	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	-
2	0.35	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	I	-
5	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	I	-
6	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	I	-
13	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	I	-
14	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	I	-
15 - 16	-	-	-	Not Occupied	-	-

T3 AUDIO AMPLIFIER X4



Connector Part Information

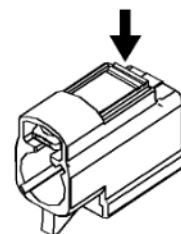
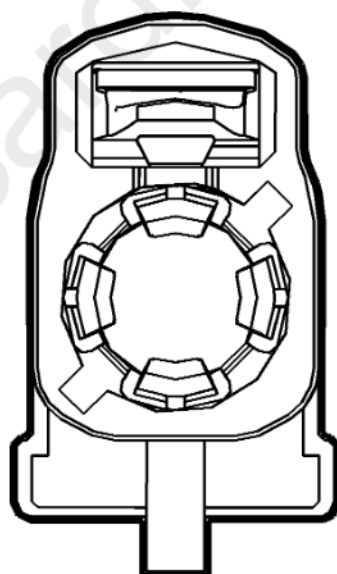
- Harness Type: Body
- OEM Connector: 13819411
- Service Connector: 13582574
- Description: 16-Way F 0.64 OCS Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
5	0.5	WH/GN	3997	MOST Serial Data (-)	I	-
6	0.5	GY/VT	3998	MOST Serial Data (+)	I	-
7 - 13	-	-	-	Not Occupied	-	-
14	0.35	WH/VT	3999	MOST Control	I	-
15 - 16	-	-	-	Not Occupied	-	-

T4G CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA X3 (IO6 WITHOUT MAM OR UE1)



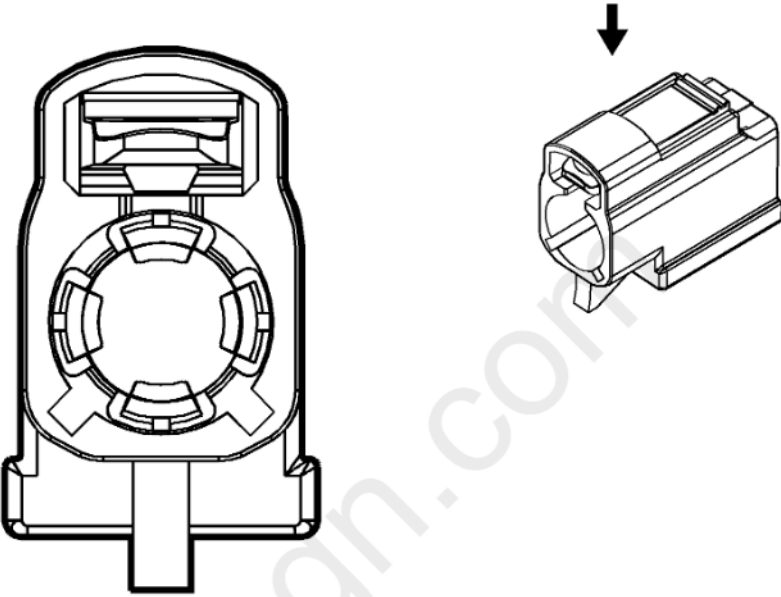
Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746735
- Service Connector: Service by Cable Assembly - See Parts Catalog
- Description: 1-Way F COAX (BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	Coaxial Antenna GPS Signal	I	-

T4G CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA X4


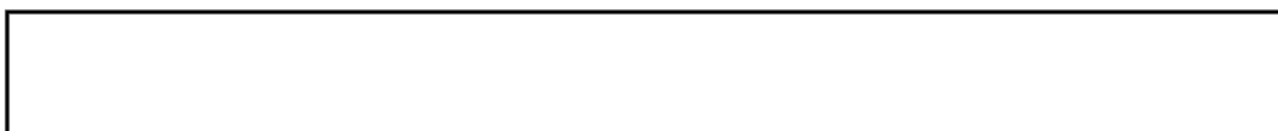
Connector Part Information

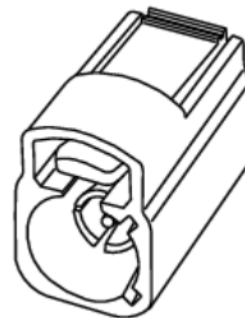
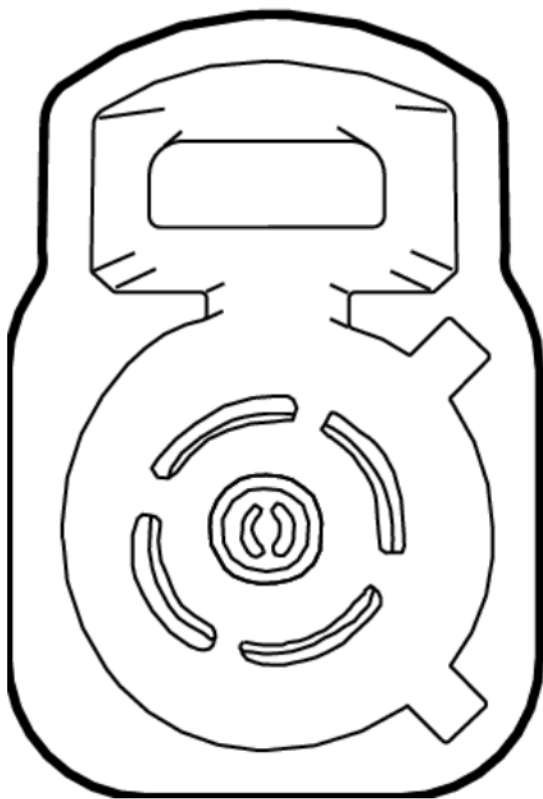
- Harness Type: Body COAX
- OEM Connector: 13746737
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (YE)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

T4G CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA X2



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746736
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (PU)

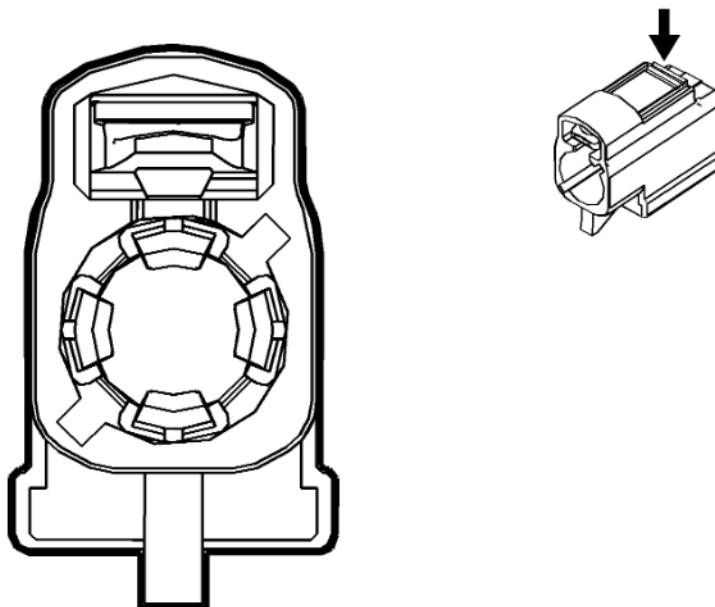
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

T4G CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA X3 (UE1 WITH MAM)





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746735
- Service Connector: Service by Cable Assembly - See Parts Catalog
- Description: 1-Way F COAX (BU)

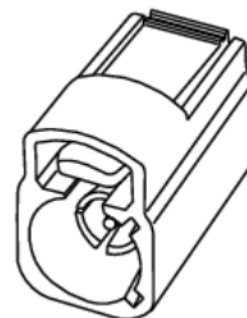
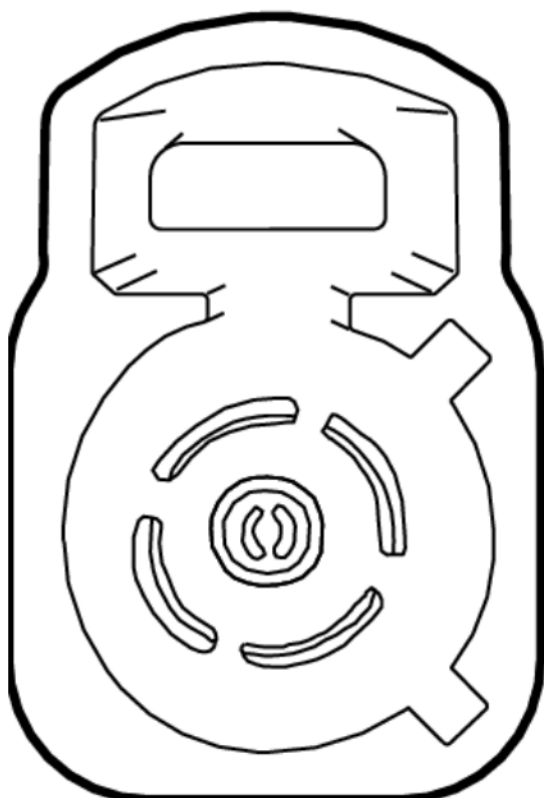
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	COAX	-	Coaxial Antenna GPS Signal	I	-

T4G CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA X1





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746736
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (PU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	I	-

T7L HEADLAMP BALLAST - LEFT X1

Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BK	1150	Ground	I	-
2	1.0	YE	712	Left Headlamp Low Beam Control	I	-

T7R HEADLAMP BALLAST - RIGHT X1

Connector Part Information

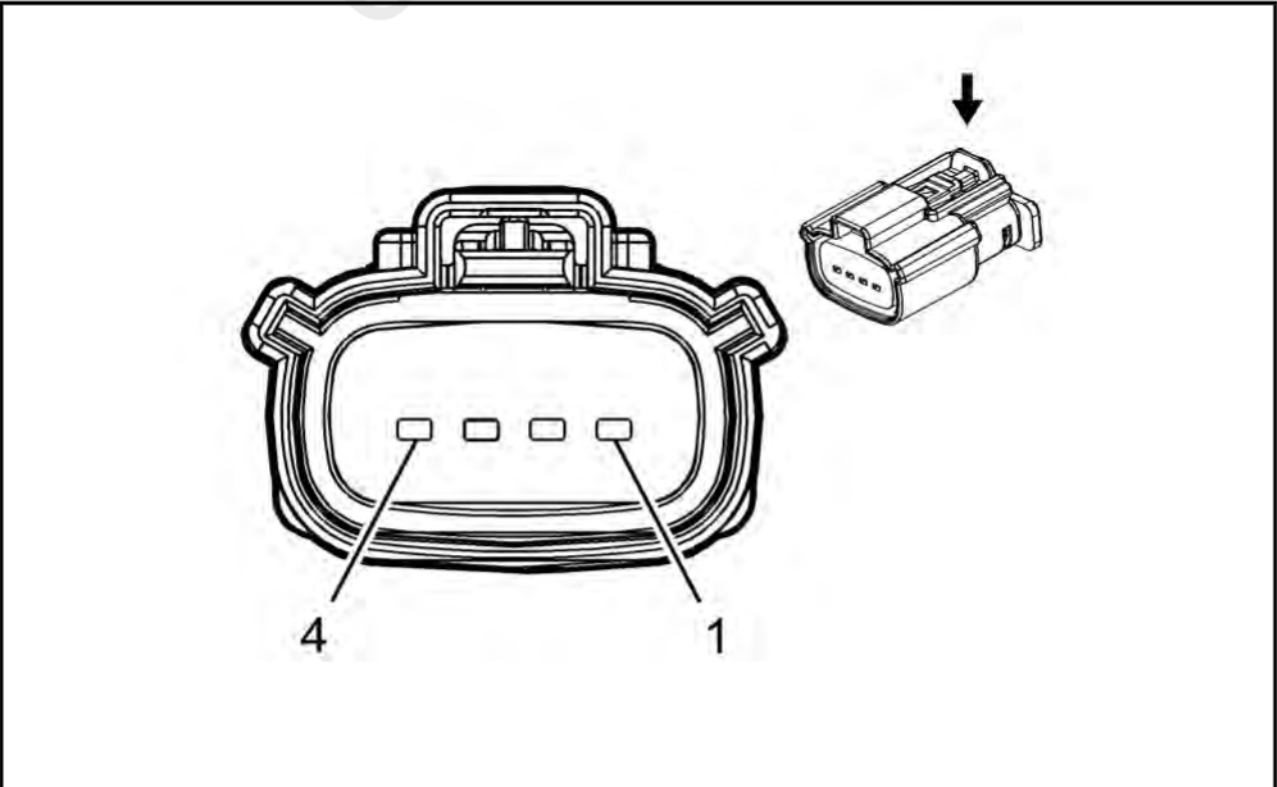
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.0	BK	1050	Ground	I	-
2	1.0	YE	312	Right Headlamp Low Beam Control	I	-

T8A IGNITION COIL 1 (LCV)



Connector Part Information

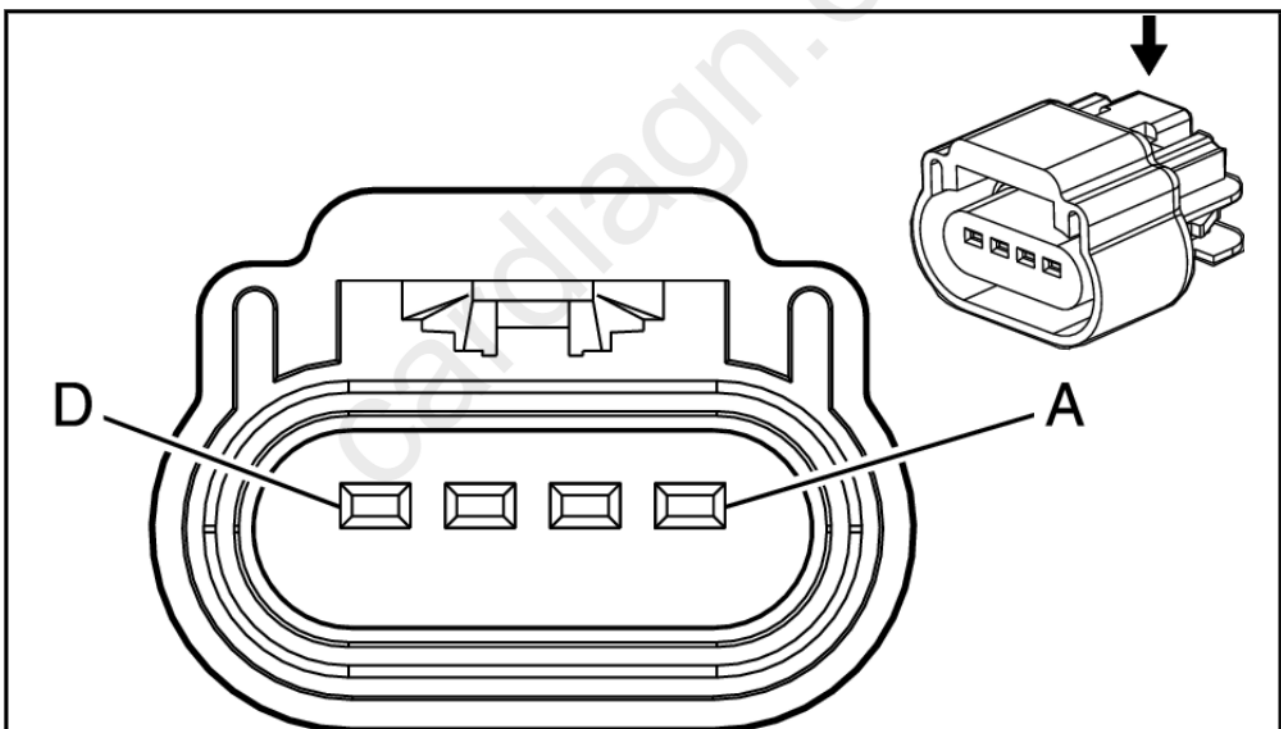
- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/VT	2121	Ignition Control 1	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8A IGNITION COIL 1 (LFR/LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15466325
- Service Connector: 13585847
- Description: 4-Way F 150 GT Series, Sealed (BK)

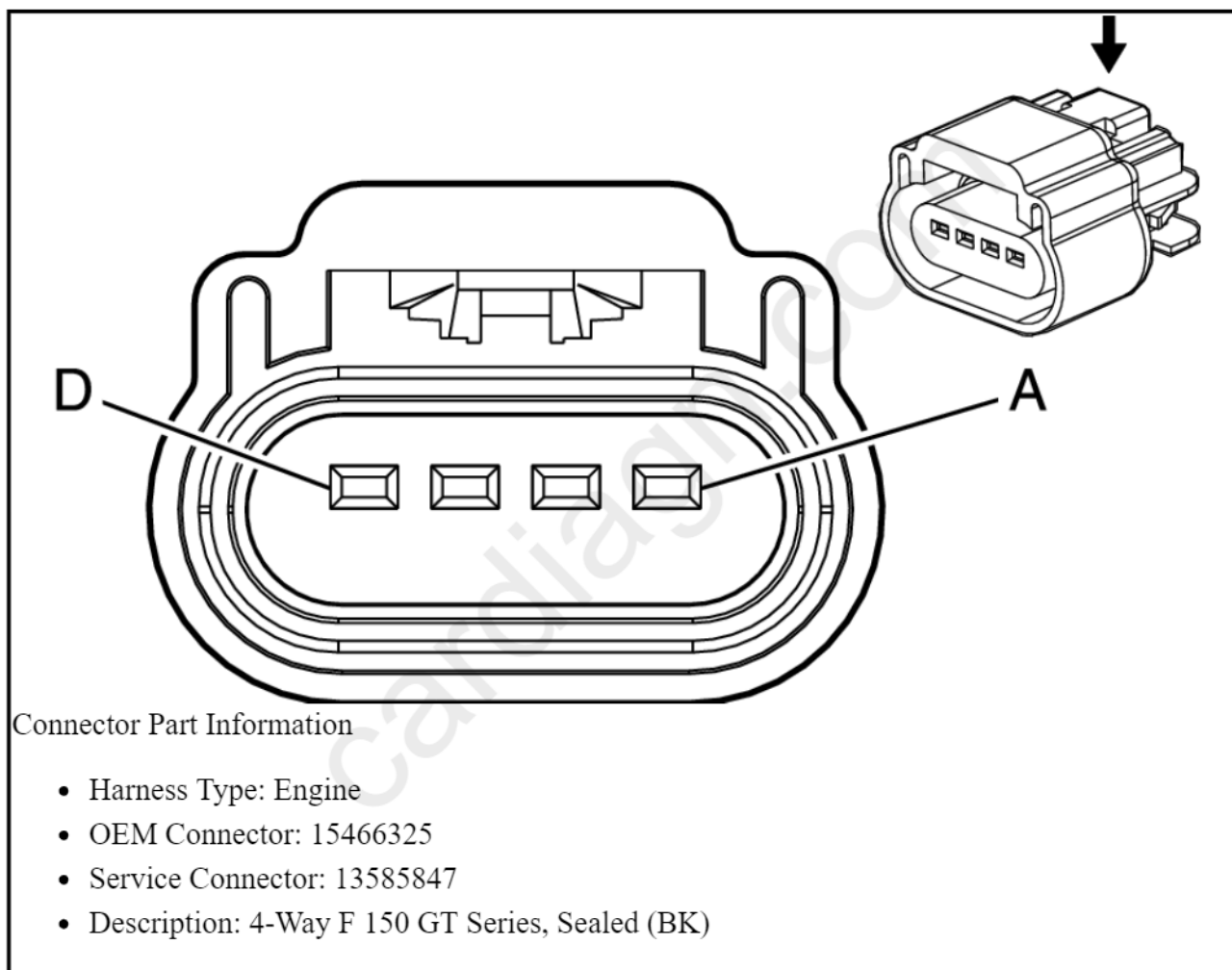
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	250	Ground	I	-
B	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
C	0.5	BU/VT	2121	Ignition Control 1	I	-
D	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8B IGNITION COIL 2 (LFR/LFX)



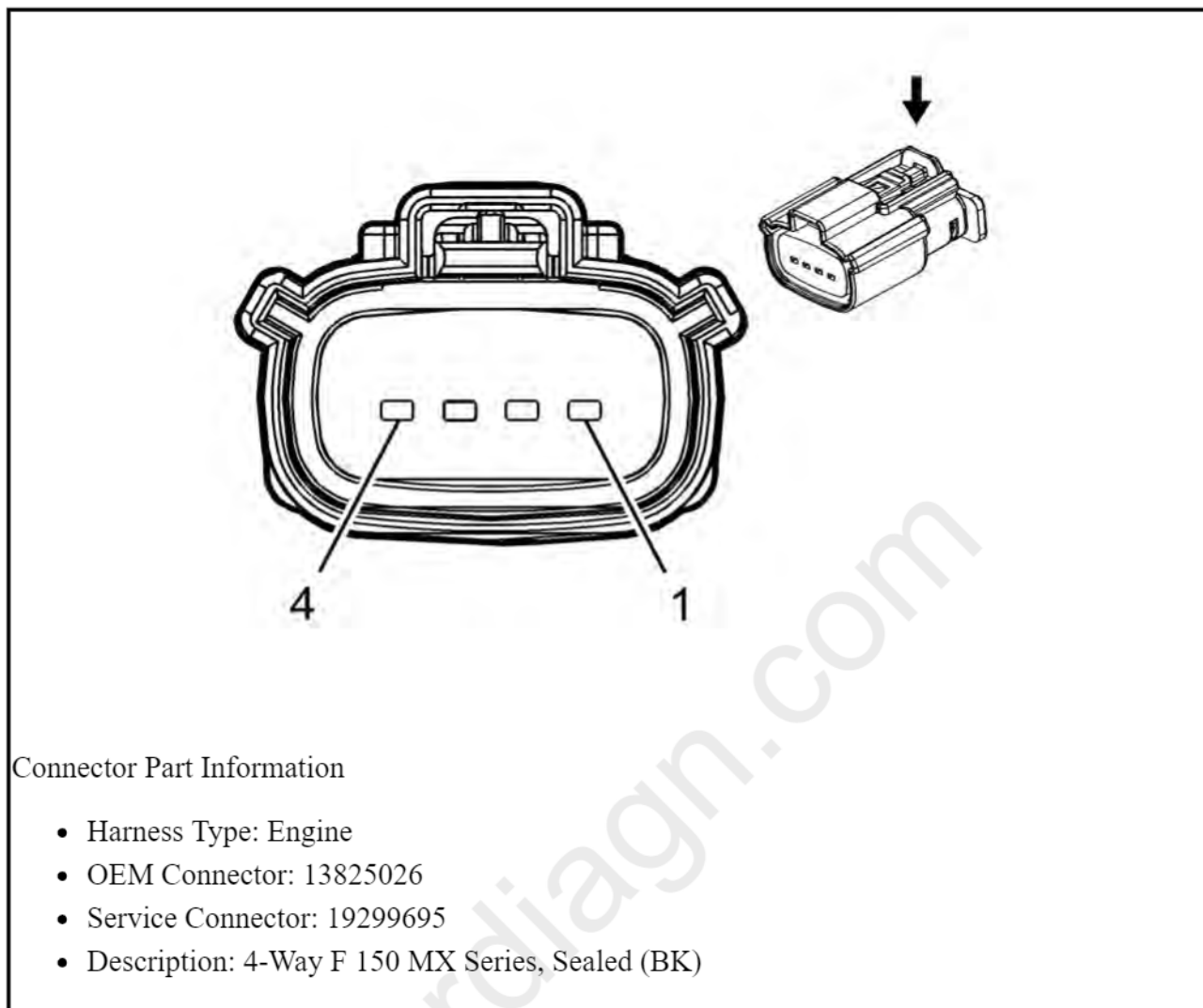
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	350	Ground	I	-
B	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
C	0.5	BU/WH	2122	Ignition Control 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
D	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T8B IGNITION COIL 2 (LCV)



Connector Part Information

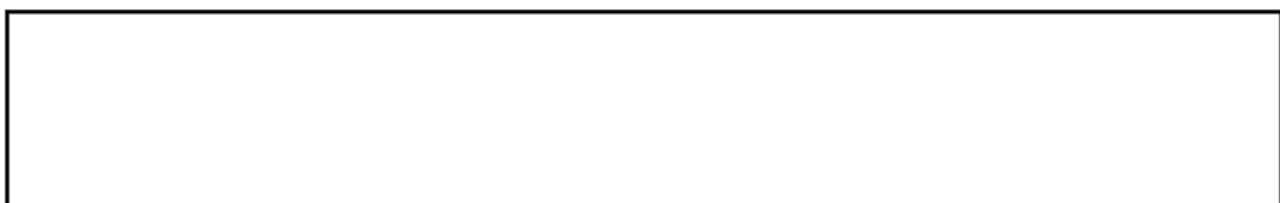
- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

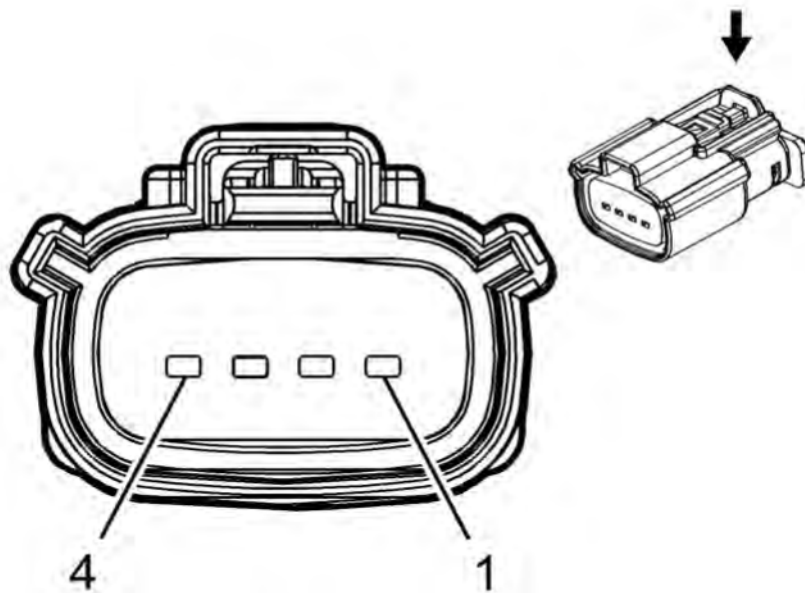
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	BU/WH	2122	Ignition Control 2	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8C IGNITION COIL 3 (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

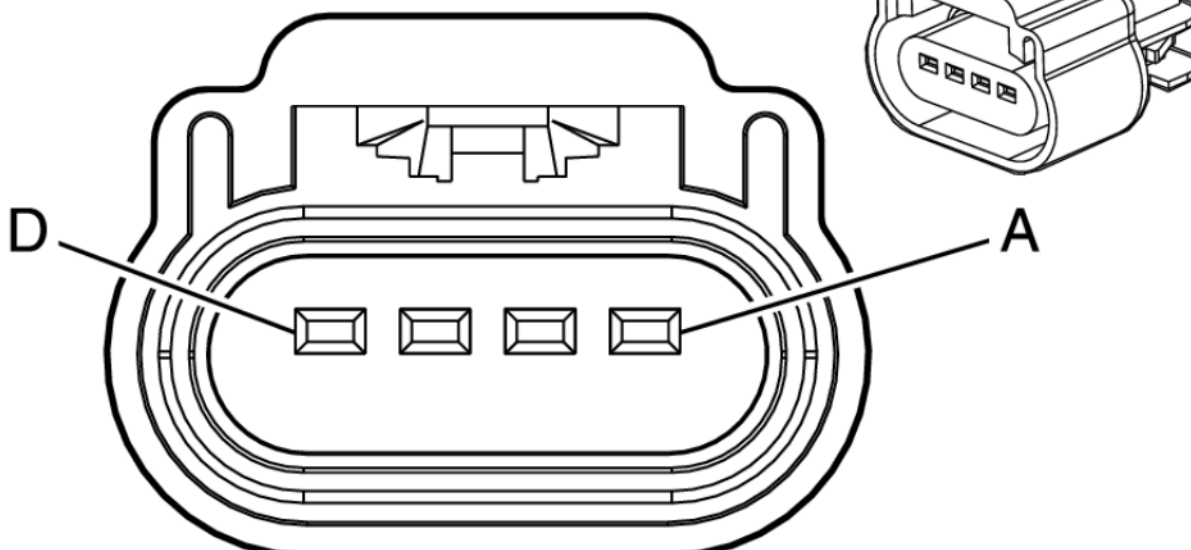
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	GN/BU	2123	Ignition Control 3	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8C IGNITION COIL 3 (LFR/LFX)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15466325
- Service Connector: 13585847
- Description: 4-Way F 150 GT Series, Sealed (BK)

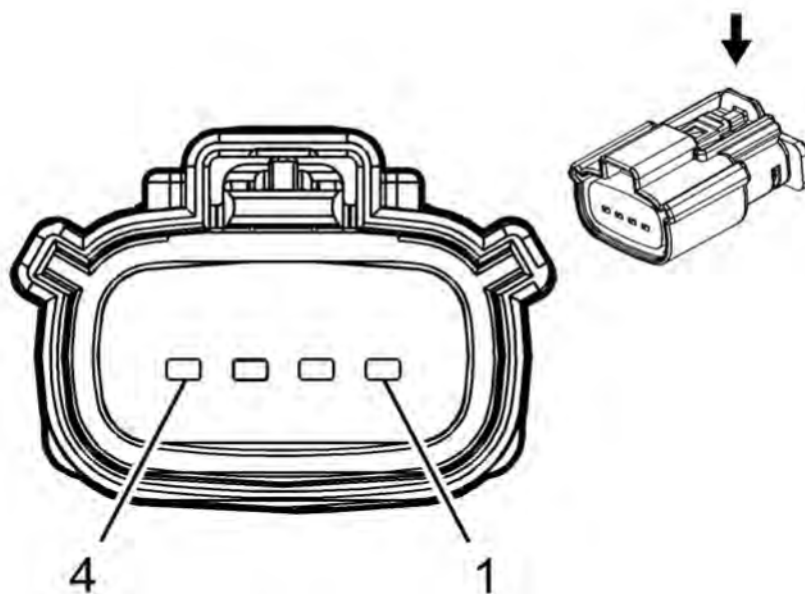
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	250	Ground	I	-
B	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
C	0.5	GN/BU	2123	Ignition Control 3	I	-
D	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8D IGNITION COIL 4 (LCV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13825026
- Service Connector: 19299695
- Description: 4-Way F 150 MX Series, Sealed (BK)

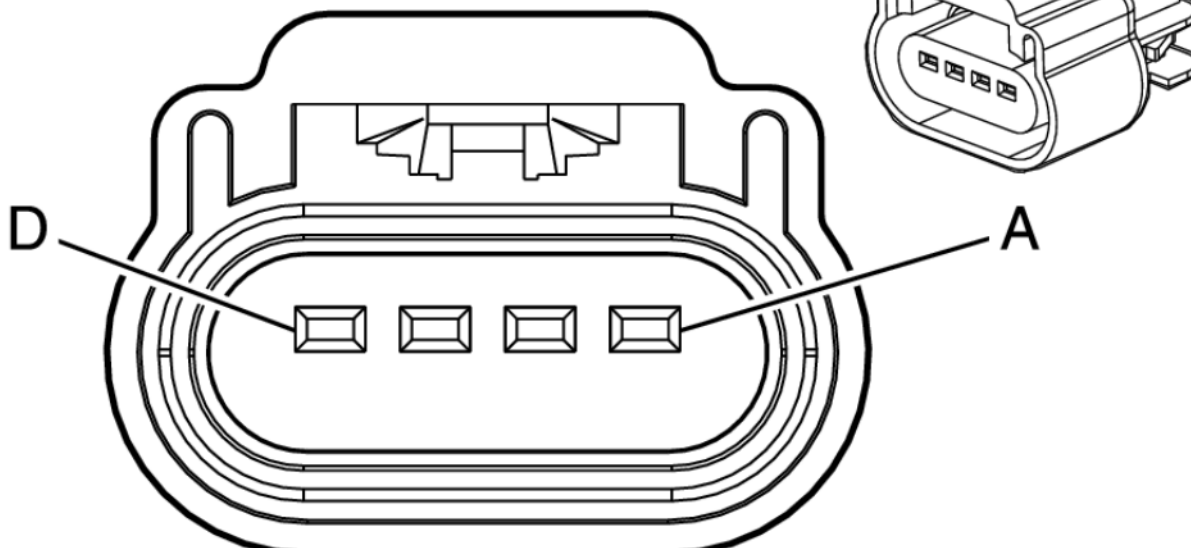
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	250	Ground	I	-
2	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
3	0.5	YE/BU	2124	Ignition Control 4	I	-
4	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8D IGNITION COIL 4 (LFR/LFX)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15466325
- Service Connector: 13585847
- Description: 4-Way F 150 GT Series, Sealed (BK)

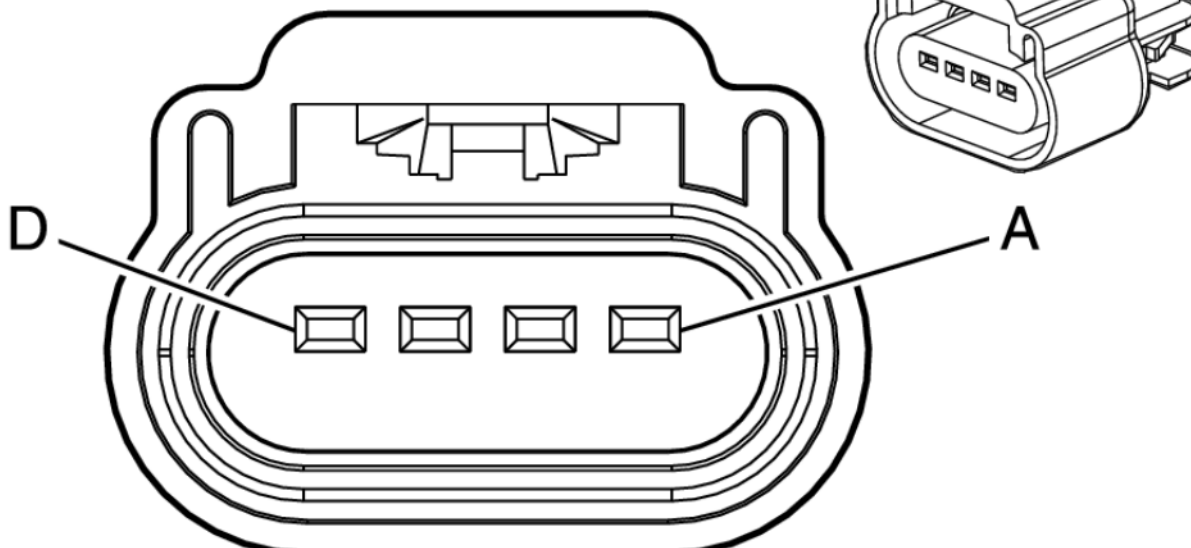
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	350	Ground	I	-
B	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
C	0.5	YE/BU	2124	Ignition Control 4	I	-
D	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T8E IGNITION COIL 5





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15466325
- Service Connector: 13585847
- Description: 4-Way F 150 GT Series, Sealed (BK)

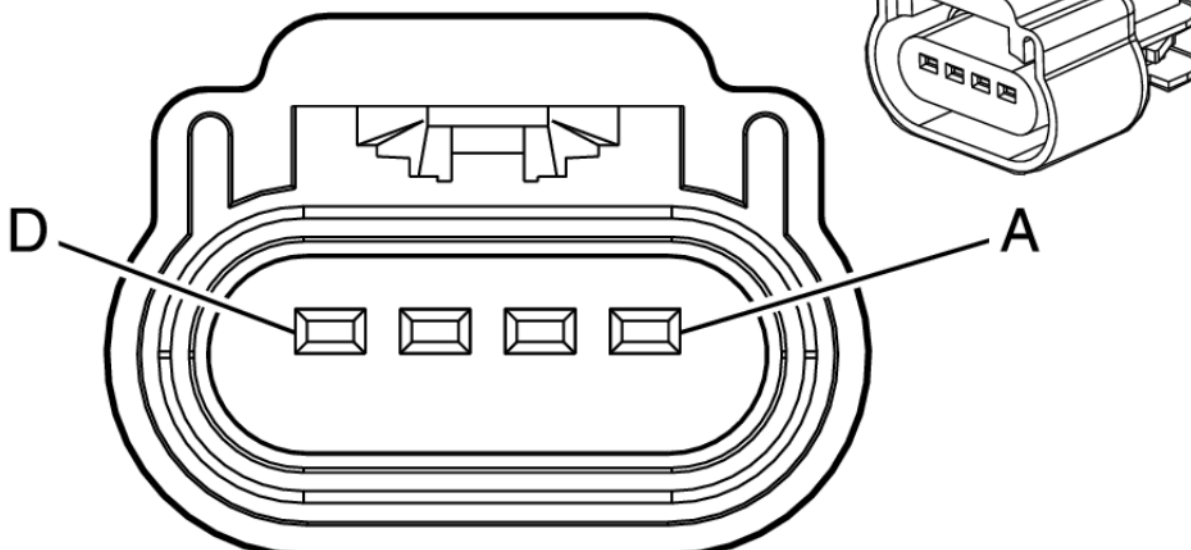
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	250	Ground	I	-
B	0.5	BK/BU	2129	Ignition Control Low Reference Bank 1	I	-
C	0.5	BU/GY	2125	Ignition Control 5	I	-
D	1	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	-

T8F IGNITION COIL 6





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15466325
- Service Connector: 13585847
- Description: 4-Way F 150 GT Series, Sealed (BK)

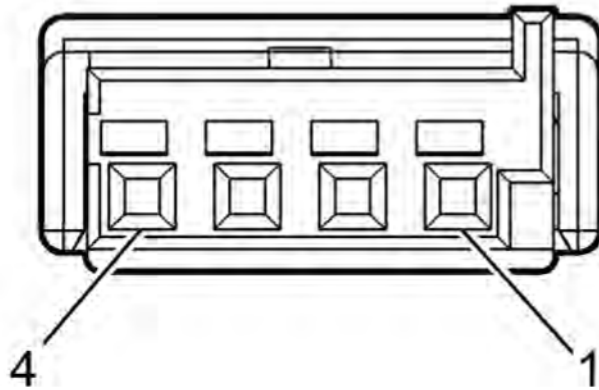
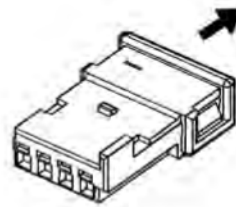
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	BK	350	Ground	I	-
B	0.5	BK/GY	2130	Ignition Control Low Reference Bank 2	I	-
C	0.5	BN/BU	2126	Ignition Control 6	I	-
D	1	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-

T10E KEYLESS ENTRY ANTENNA - REAR COMPARTMENT





Connector Part Information

- Harness Type: Body
- OEM Connector: 10864908
- Service Connector: 13576534
- Description: 4-Way F 0.64 Micro-Quadlock Series (GY)

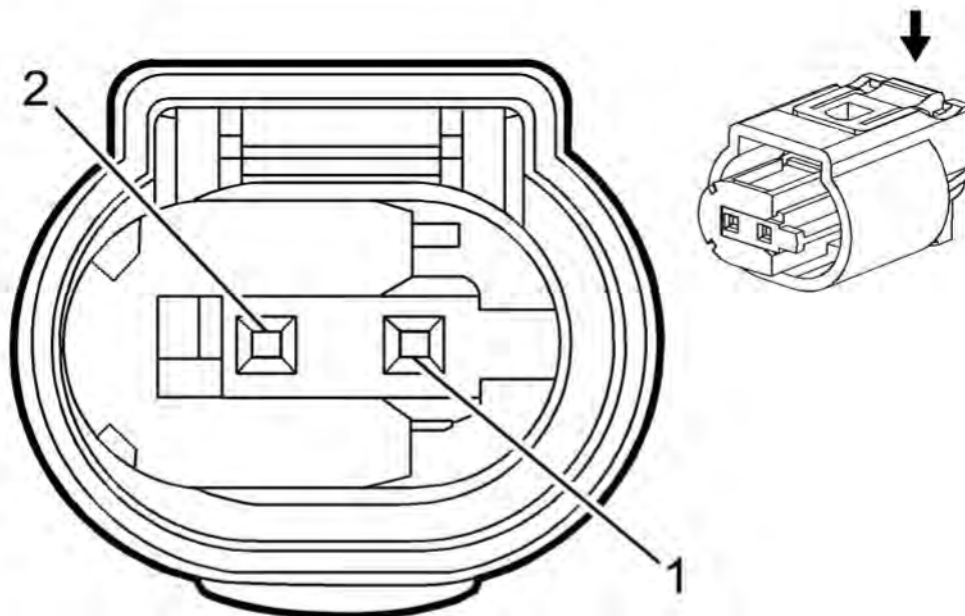
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
2	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-
3 - 4	-	-	-	Not Occupied	-	-

T10G KEYLESS ENTRY ANTENNA - REAR FASCIA





Connector Part Information

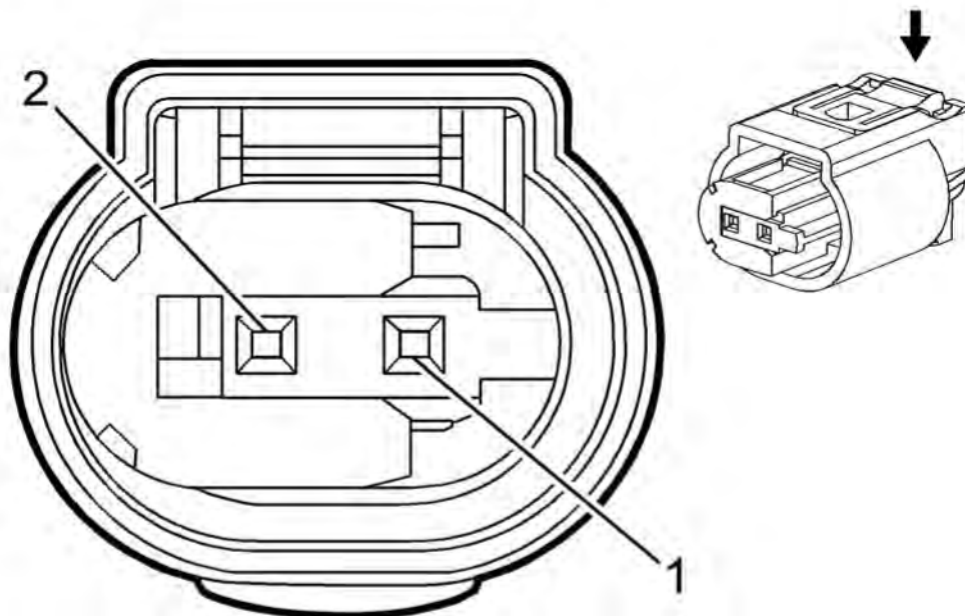
- Harness Type: Body
- OEM Connector: 15365708
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
2	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-

T10J KEYLESS ENTRY ANTENNA - CENTER CONSOLE FRONT



Connector Part Information

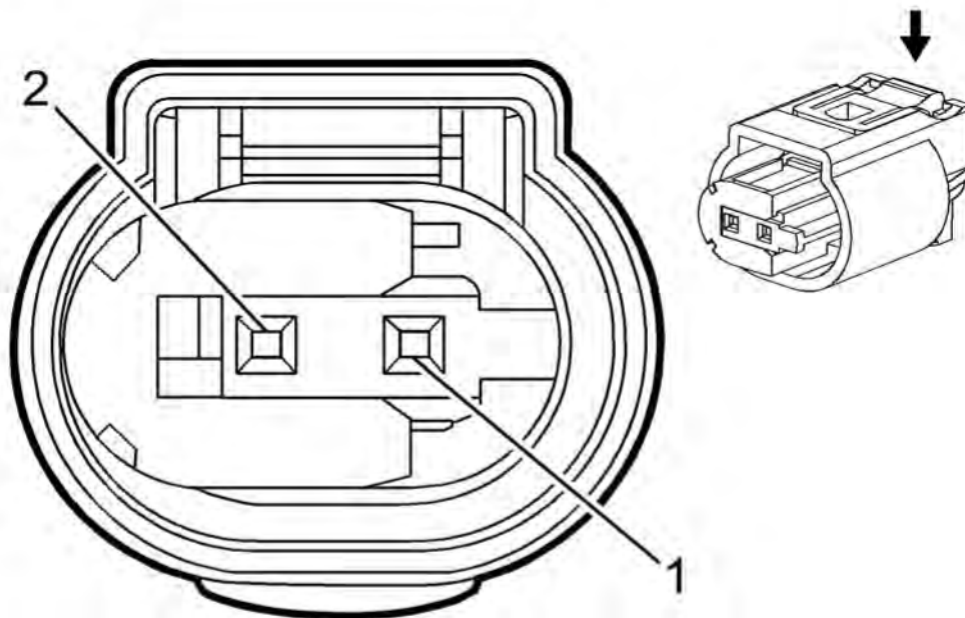
- Harness Type: Instrument Panel
- OEM Connector: 15365708
- Service Connector: 13576533
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
2	0.5	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-

T10K KEYLESS ENTRY ANTENNA - CENTER CONSOLE REAR



Connector Part Information

- Harness Type: Console
- OEM Connector: 15365708
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

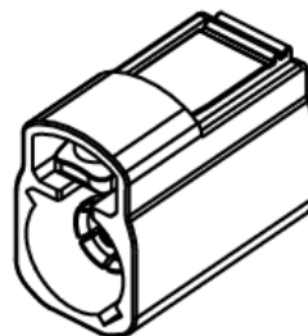
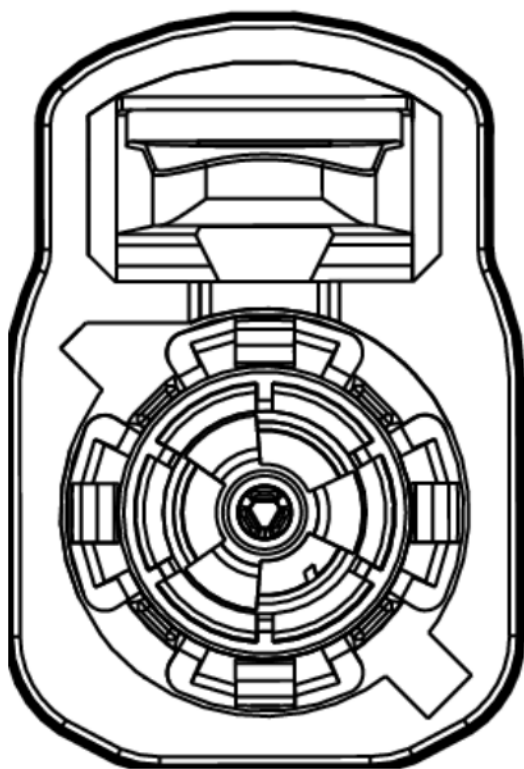
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	3554	Passive Start Interior Antenna 2 Signal Hi	I	-
2	0.5	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X1





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13779898
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (GY)

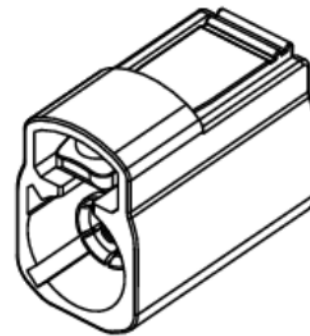
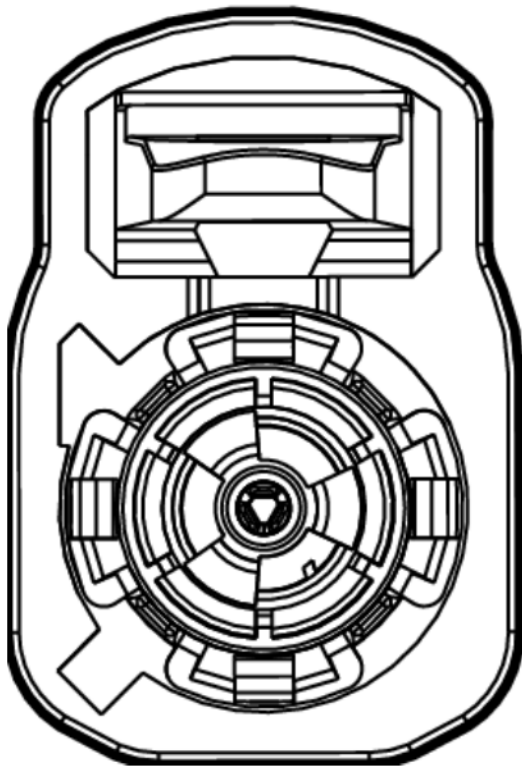
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X2





Connector Part Information

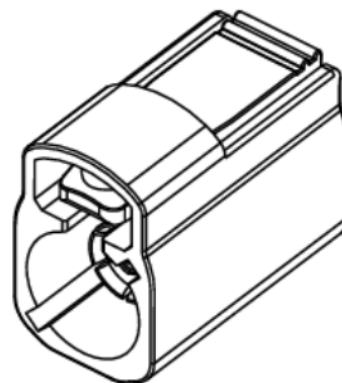
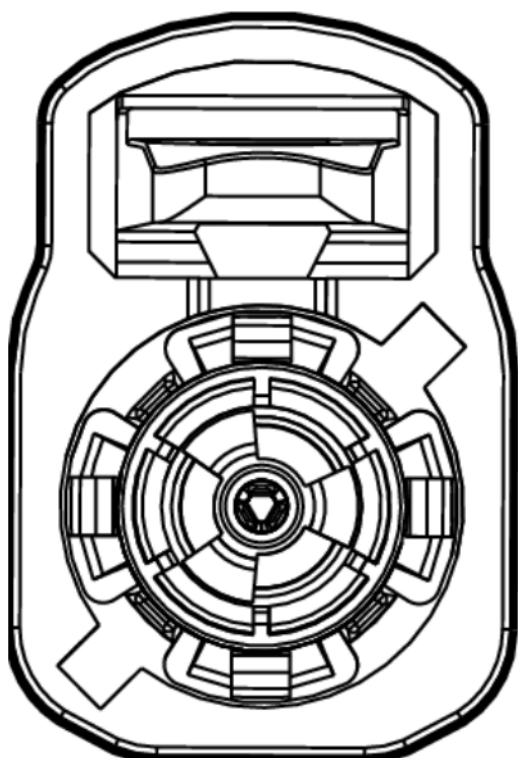
- Harness Type: Body COAX
- OEM Connector: 13746727
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (VT)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

T15 NAVIGATION ANTENNA SIGNAL SPLITTER X3



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746743
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

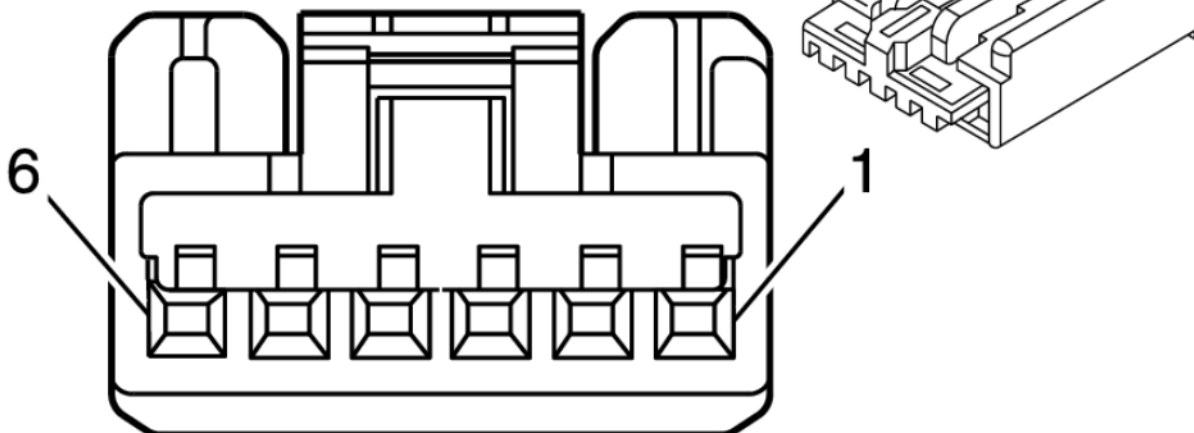
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(GPS only) Coaxial Antenna GPS Signal	I	-

T22 MOBILE DEVICE WIRELESS CHARGER MODULE





Connector Part Information

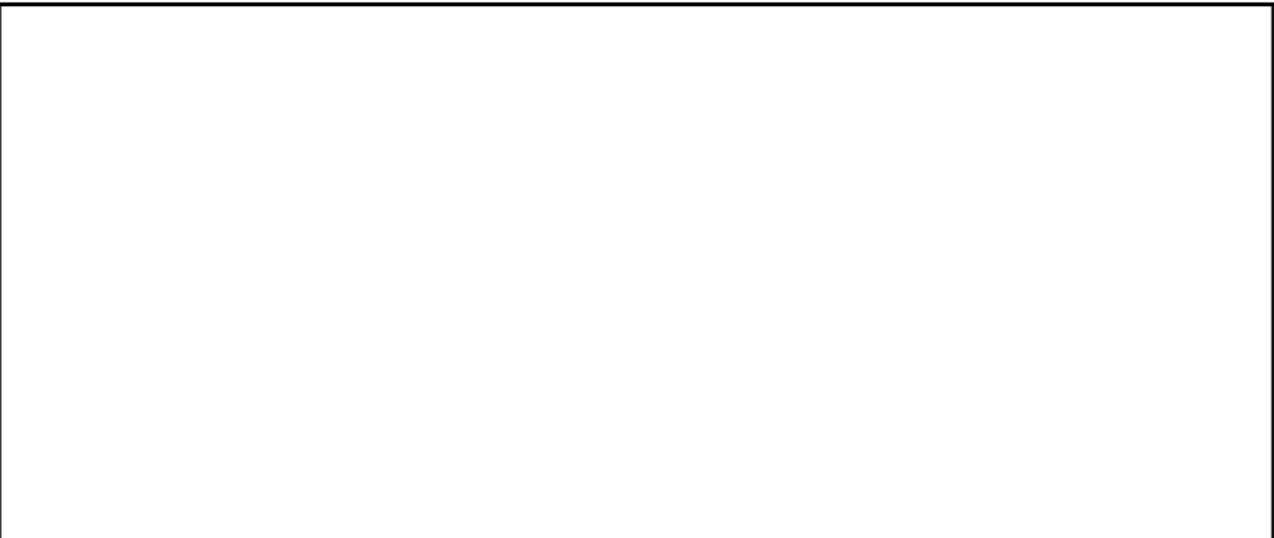
- Harness Type: Console
- OEM Connector: 13595475
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (NA)

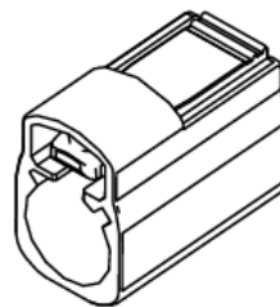
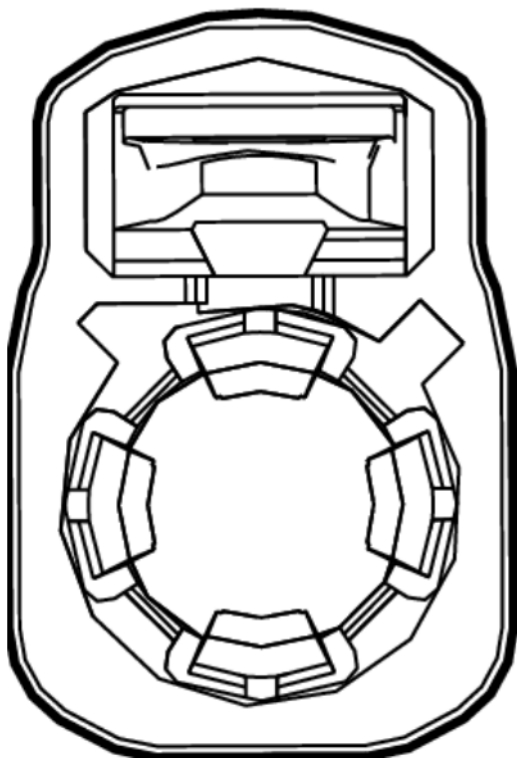
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	4601	Retained Accessory Power Fused Control	I	-
2	0.5	BK	1550	Ground	I	-
3	0.35	GN	4512	Wireless Charging System Charge Indicator Control	I	-
4 - 6	-	-	-	Not Occupied	-	-

T23 RADIO ANTENNA AMPLIFIER X1





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746740
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

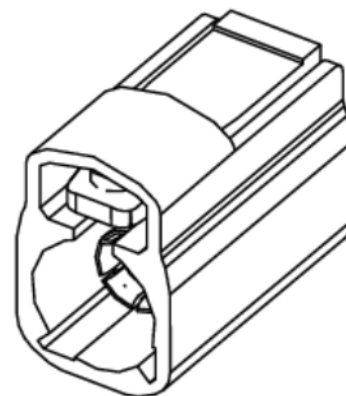
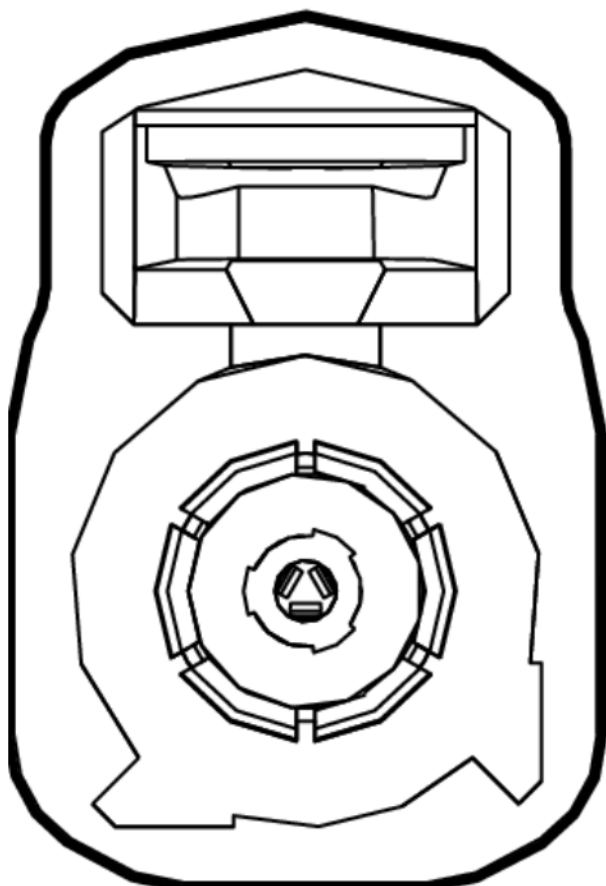
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

T23 RADIO ANTENNA AMPLIFIER X4





Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13847000
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (OG)

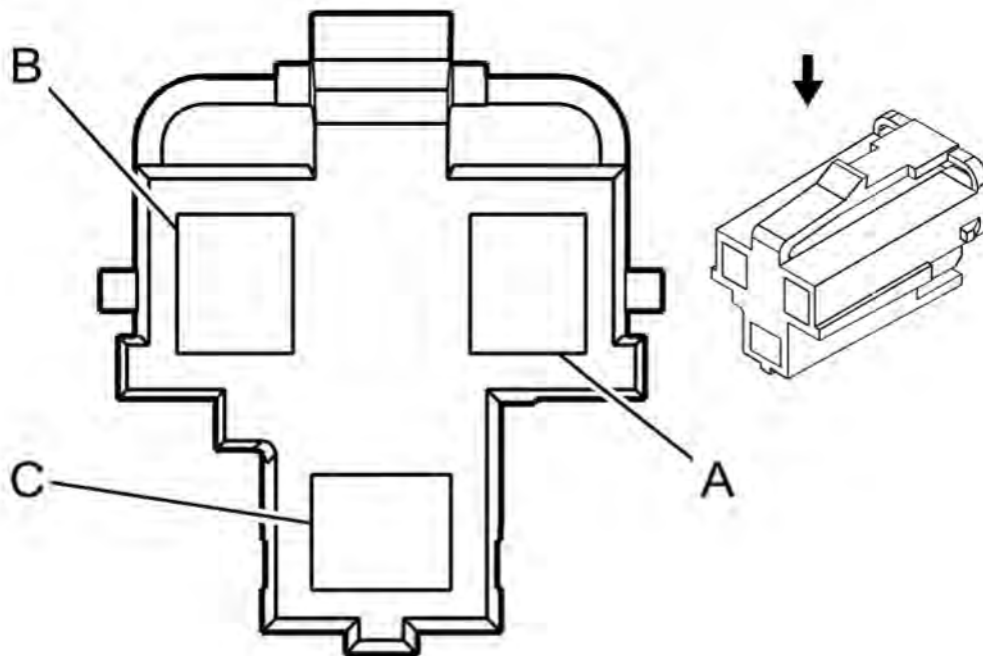
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

X80D ACCESSORY POWER RECEPTACLE - CENTER CONSOLE COMPARTMENT





Connector Part Information

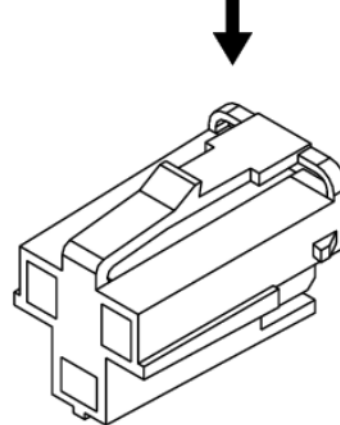
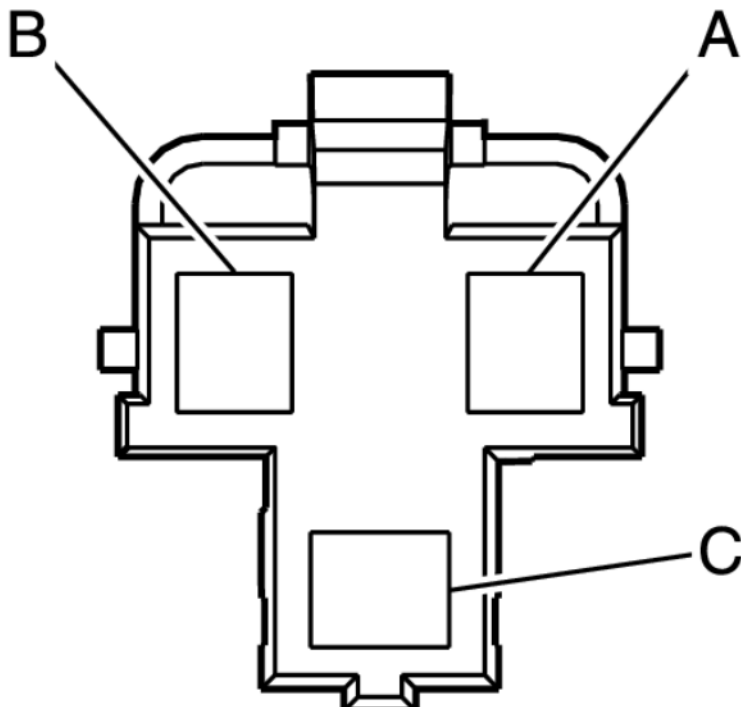
- Harness Type: Console
- OEM Connector: 12176446
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 280 Metri-Pack Flexlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	2601	Retained Accessory Power Fuse Control	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	2250	Ground	I	-

X80G ACCESSORY POWER RECEPTACLE - INSTRUMENT PANEL



Connector Part Information

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

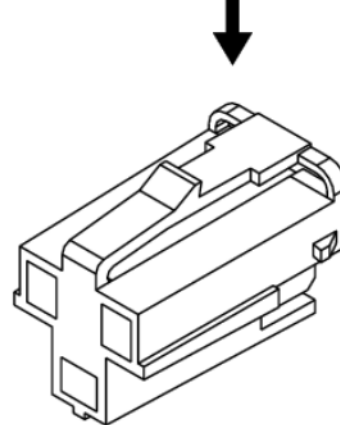
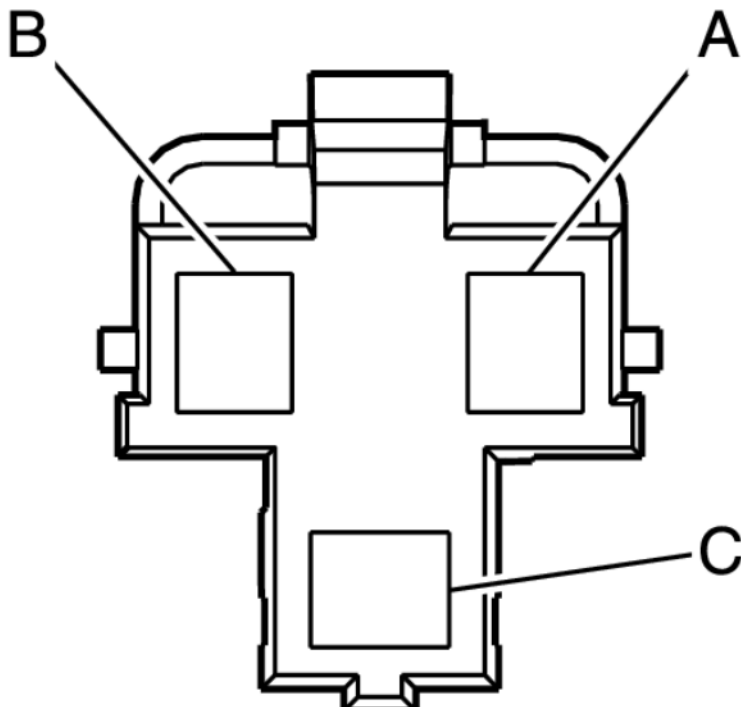
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	1301	Retained Accessory Power Fuse Control	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	2250	Ground	I	-

X80H ACCESSORY POWER RECEPTACLE - CENTER CONSOLE





Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

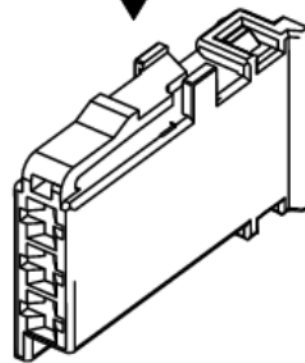
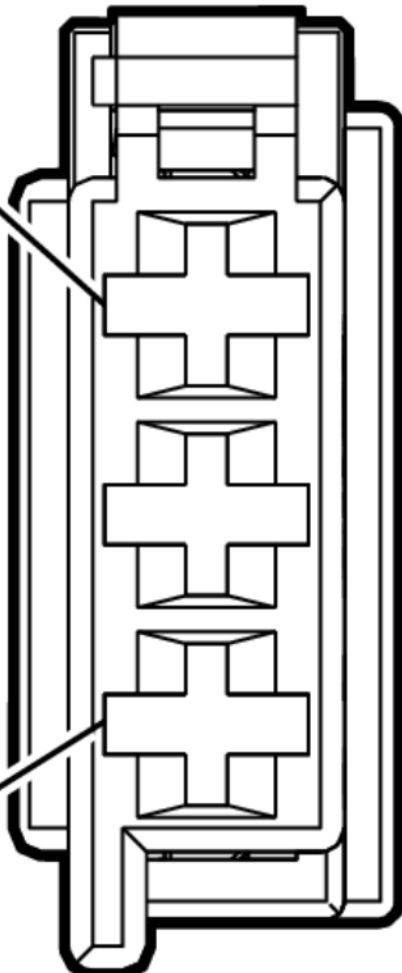
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	2601	Retained Accessory Power Fuse Control	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	2250	Ground	I	-

X81 ACCESSORY POWER RECEPTACLE - 110V AC X1



3

1



Connector Part Information

- Harness Type: Console
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

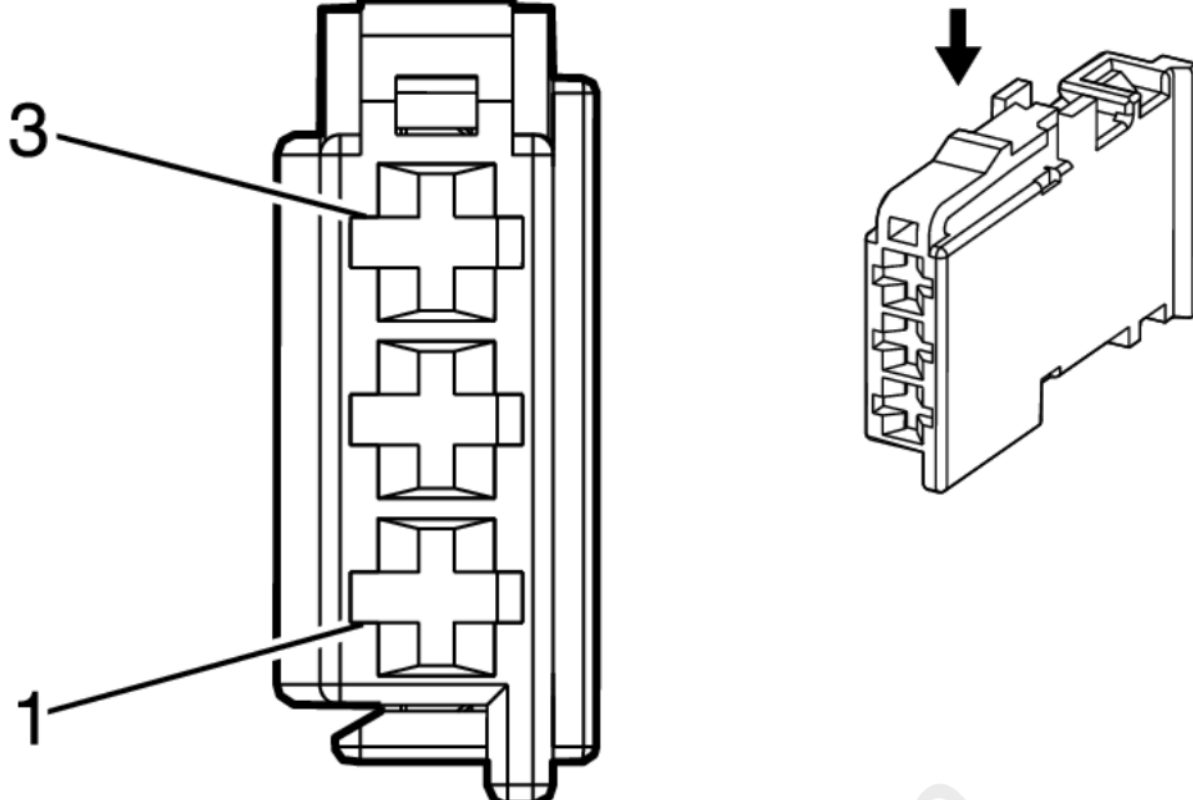
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	4083	RAP Relay 2 Coil Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	BK	5683	120 V AC Phase A	I	KI6
	0.75	BN	686	230 V AC Phase A	I	KI7

X81 ACCESSORY POWER RECEPTACLE - 110V AC X2





Connector Part Information

- Harness Type: Console
- OEM Connector: 13648774
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Timer Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

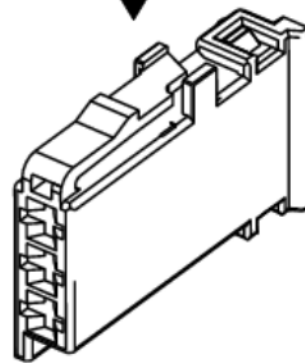
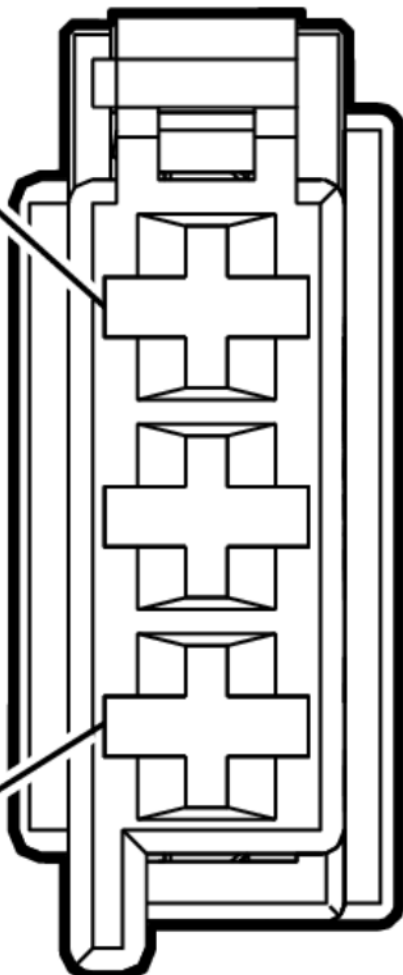
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/WH	6807	DC To AC Inverter Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	RD	5684	120 V AC Phase B	I	KI6
	0.75	BU	6865	230 V AC Phase B	I	KI7

X81B ACCESSORY POWER RECEPTACLE - 220V AC X1



3

1



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 10865339
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Micro-Timer Series (BK)

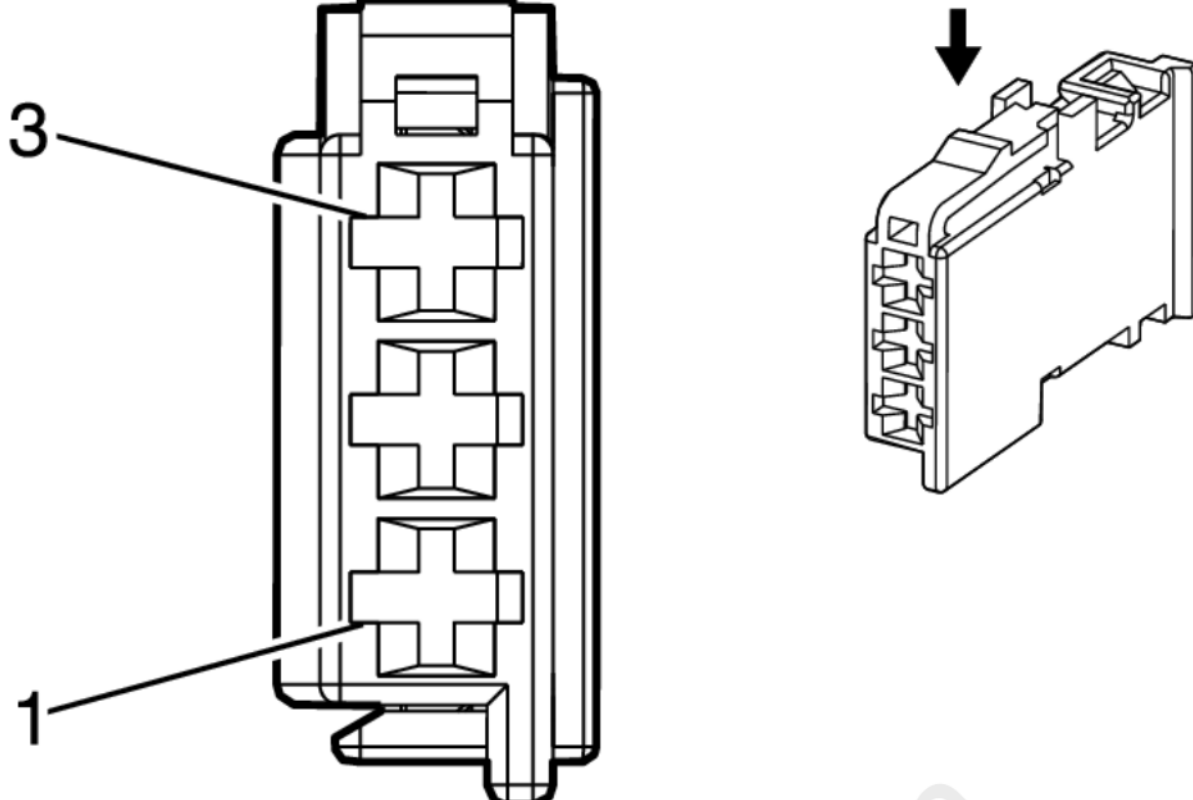
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/VT	755	RAP Relay Coil Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	BN	686	230 V AC Phase A	I	-

X81B ACCESSORY POWER RECEPTACLE - 220V AC X2





Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13648774
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.6 Timer Series, Sealed (GY)

Terminal Part Information

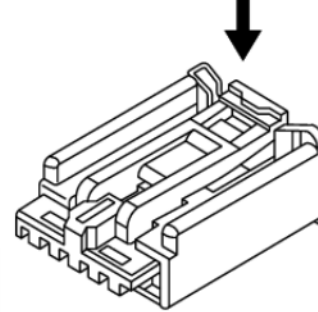
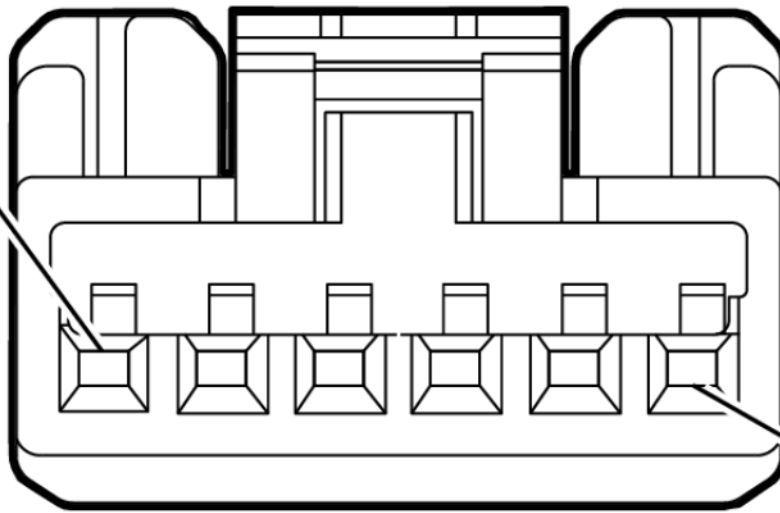
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH	6807	DC To AC Inverter Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	BU	6865	230 V AC Phase B	I	-

X83 AUXILIARY AUDIO INPUT X1



6



1

Connector Part Information

- Harness Type: Console
- OEM Connector: 13595476
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

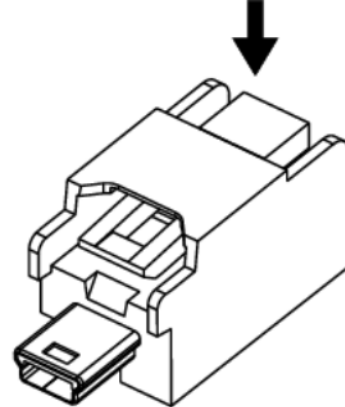
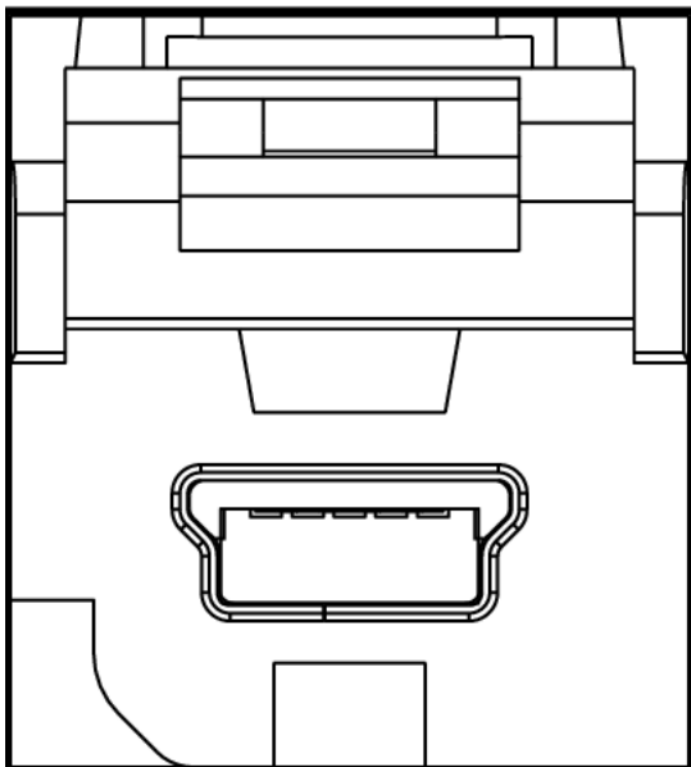
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	5839	Left Auxiliary Audio Signal 2	I	-
2	0.35	GN	5841	Right Auxiliary Audio Signal 2	I	-
3	0.35	VT	5843	Auxiliary Audio Common Signal	I	-
4	0.5	BK	1750	Ground	I	-
5	0.35	BU	2060	Auxiliary Detection Signal	I	-
6	0.5	RD/BU	3240	Battery Positive Voltage	I	-

X83 AUXILIARY AUDIO INPUT X2





Connector Part Information

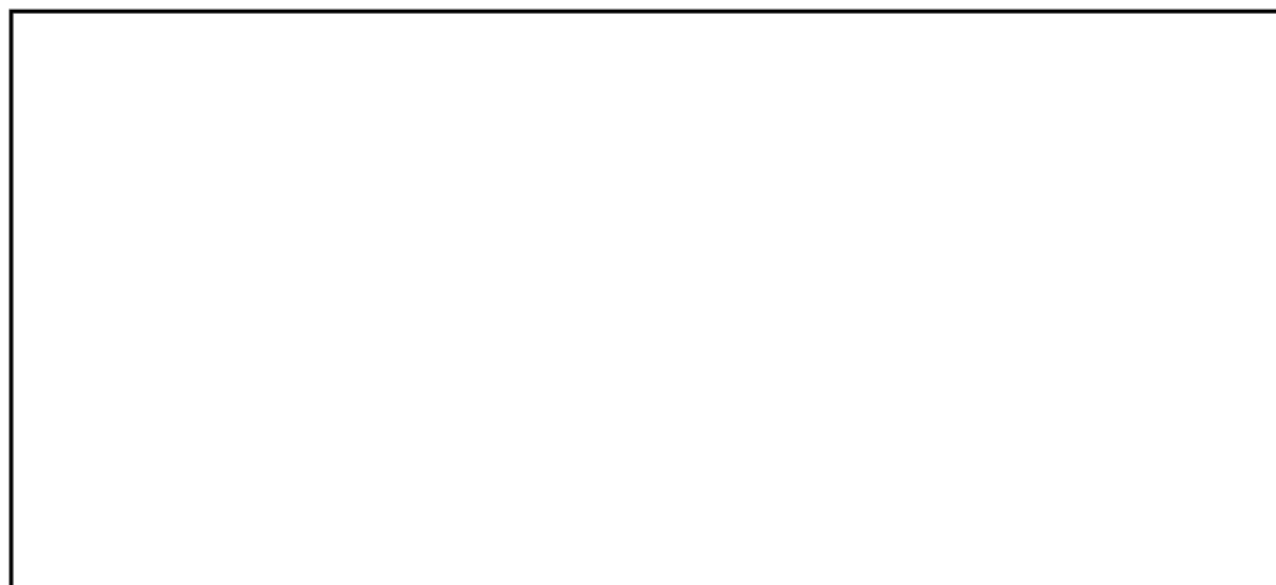
- Harness Type: Instrument Panel USB
- OEM Connector: 13868840
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M 2.0 Mini-B USB Type (GY)

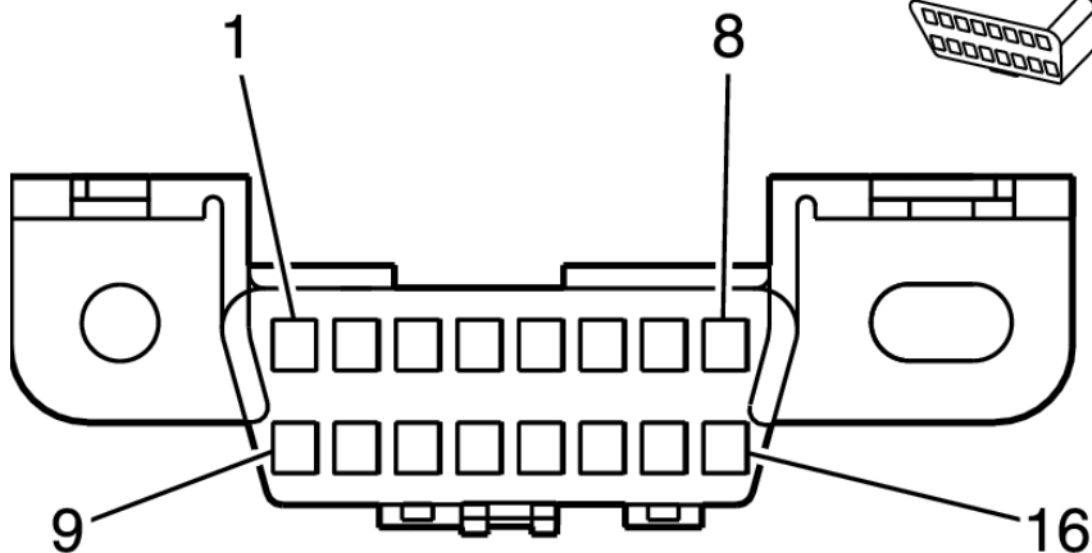
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X84 DATA LINK CONNECTOR





Connector Part Information

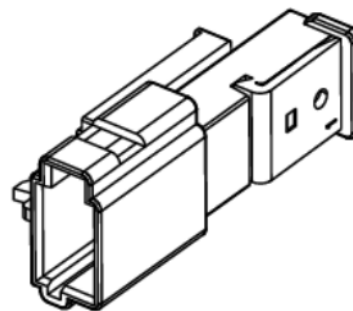
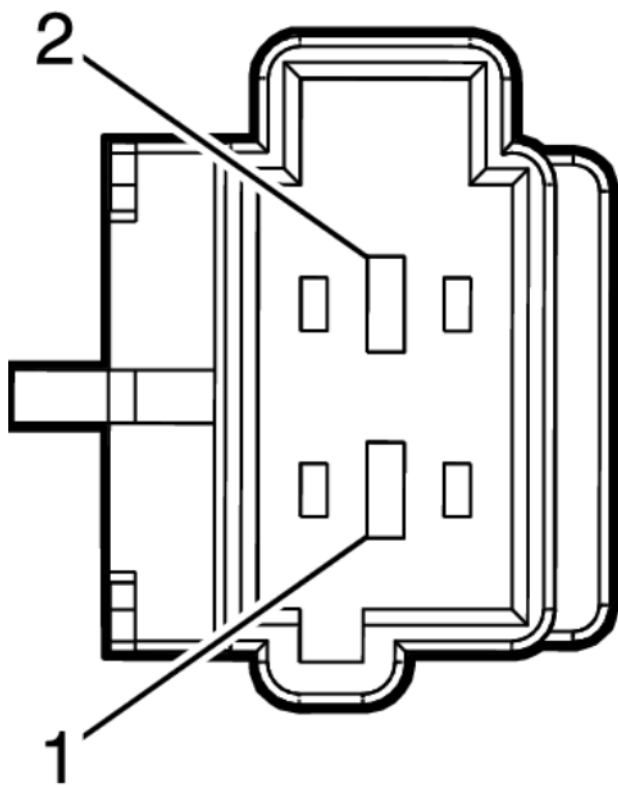
- Harness Type: Instrument Panel
- OEM Connector: 12110250
- Service Connector: 12110250
- Description: 16-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575724	J-35616-14 (GN)	J-38125-12A	12129484	Delphi 19	E	C

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	BK	1550	Ground	I	-
5	0.5	BK	1650	Ground	I	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
13	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	RD/GN	40	Battery Positive Voltage	I	-

X85 STEERING WHEEL AIR BAG COIL X4



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13662506
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

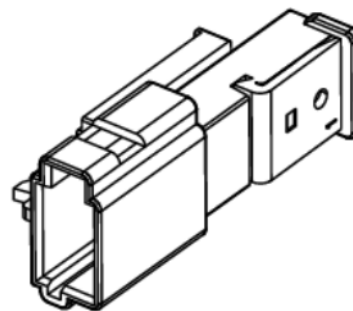
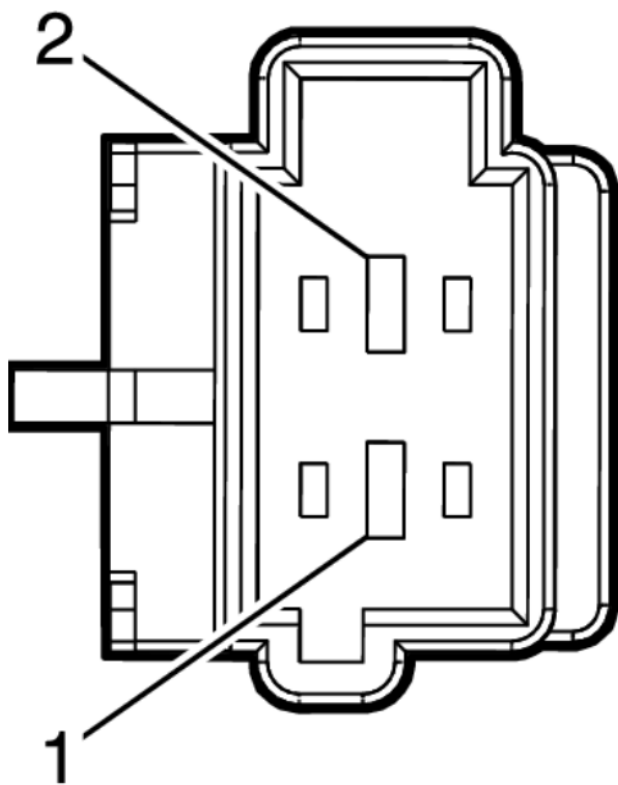
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-34 (YE)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BK	1239	Run/Crank Ignition 1 Voltage	I	-
2	0.5	BK	1550	Ground	I	-

X85 STEERING WHEEL AIR BAG COIL X5





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 0-1563190-1
- Service Connector: 13574780
- Description: 2-Way M 1.6 Timer Series (BK)

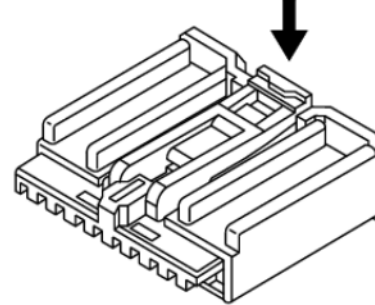
Terminal Part Information

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

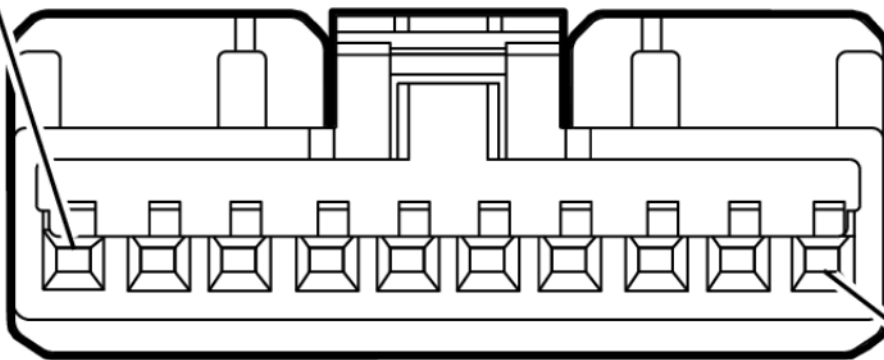
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BK	1239	Run/Crank Ignition 1 Voltage	I	UVD
	0.5	RD	1239	Run/Crank Ignition 1 Voltage	I	-UVD
2	0.5	BK	1550	Ground	I	-

X85 STEERING WHEEL AIR BAG COIL X1





10



1

Connector Part Information

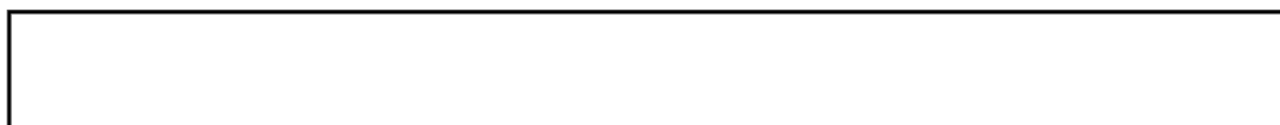
- Harness Type: Instrument Panel
- OEM Connector: 13574592
- Service Connector: 13576634
- Description: 10-Way F 0.64 Kaizen Series (BK)

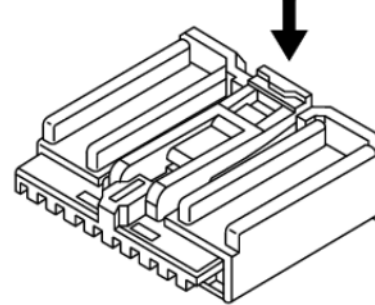
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

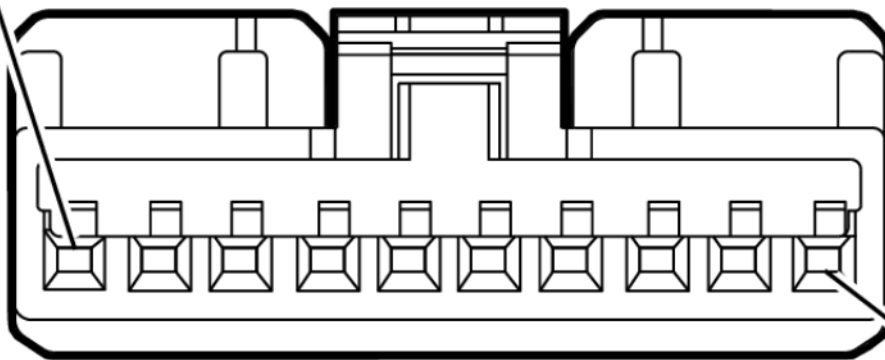
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	3287	Horn Switch Signal	I	-
2	0.5	BK	1550	Ground	I	-
3	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	YE	7556	Lighting Control Switch Reference	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
10	0.35	RD/WH	5440	Battery Positive Voltage	I	-

X85 STEERING WHEEL AIR BAG COIL X2





10



1

Connector Part Information

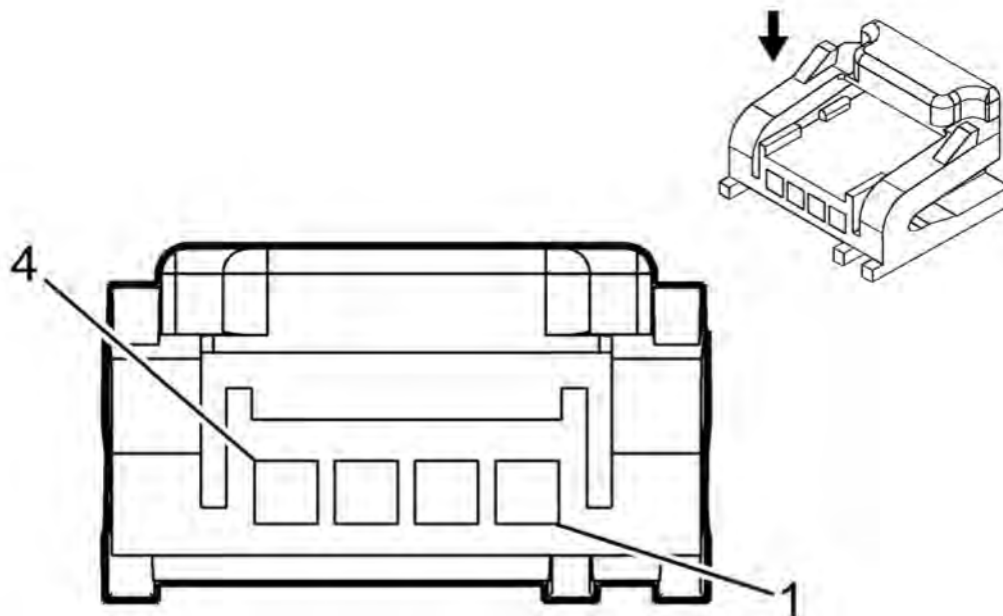
- Harness Type: Steering Wheel
- OEM Connector: AIT2PB-10-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	5440	Battery Positive Voltage	I	W1Y
	0.35	RD/WH	5440	Battery Positive Voltage	I	-W1Y
2	0.35	OG	3894	Local Interconnect Network Serial Data Bus 12	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	PK	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	W1Y
	0.35	GY/GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-W1Y
5	-	-	-	Not Occupied	-	-
6	0.35	YE	1444	12V Reference	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
9	0.35	BK	1550	Ground	I	-
10	0.35	RD	3287	Horn Switch Signal	I	-

X85 STEERING WHEEL AIR BAG COIL X3



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15393421
- Service Connector: 13580115
- Description: 4-Way F 0.64 Micro-Pack Series (YE)

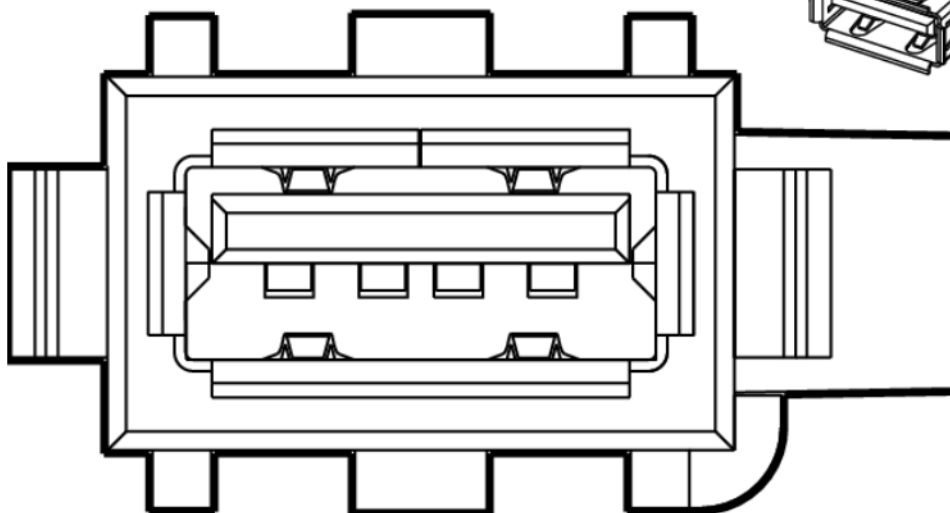
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	-
2	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	-
3	0.35	OG/GN	3023	Steering Wheel Module Stage 2 High Control	I	-
4	0.35	WH/OG	3022	Steering Wheel Module Stage 2 Low Control	I	-

X92 USB RECEPTACLE





Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13890966
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F 2.0 Standard-A USB Type (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-