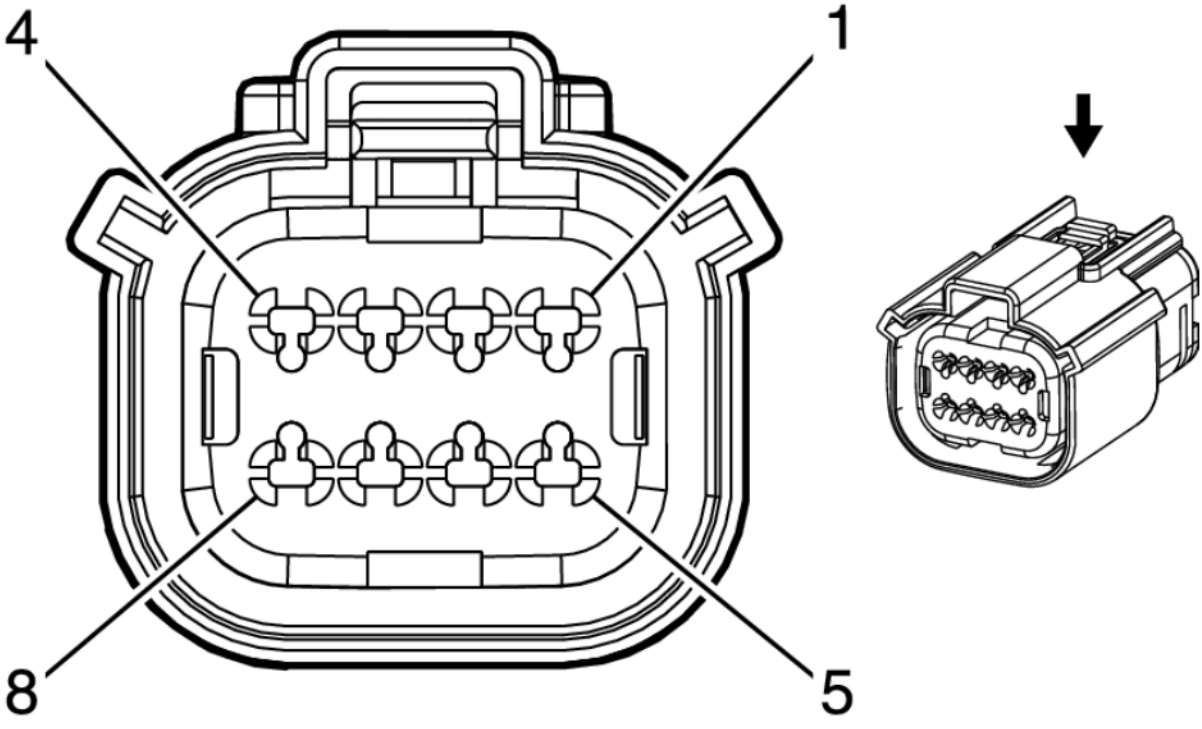


2017 ELECTRICAL

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

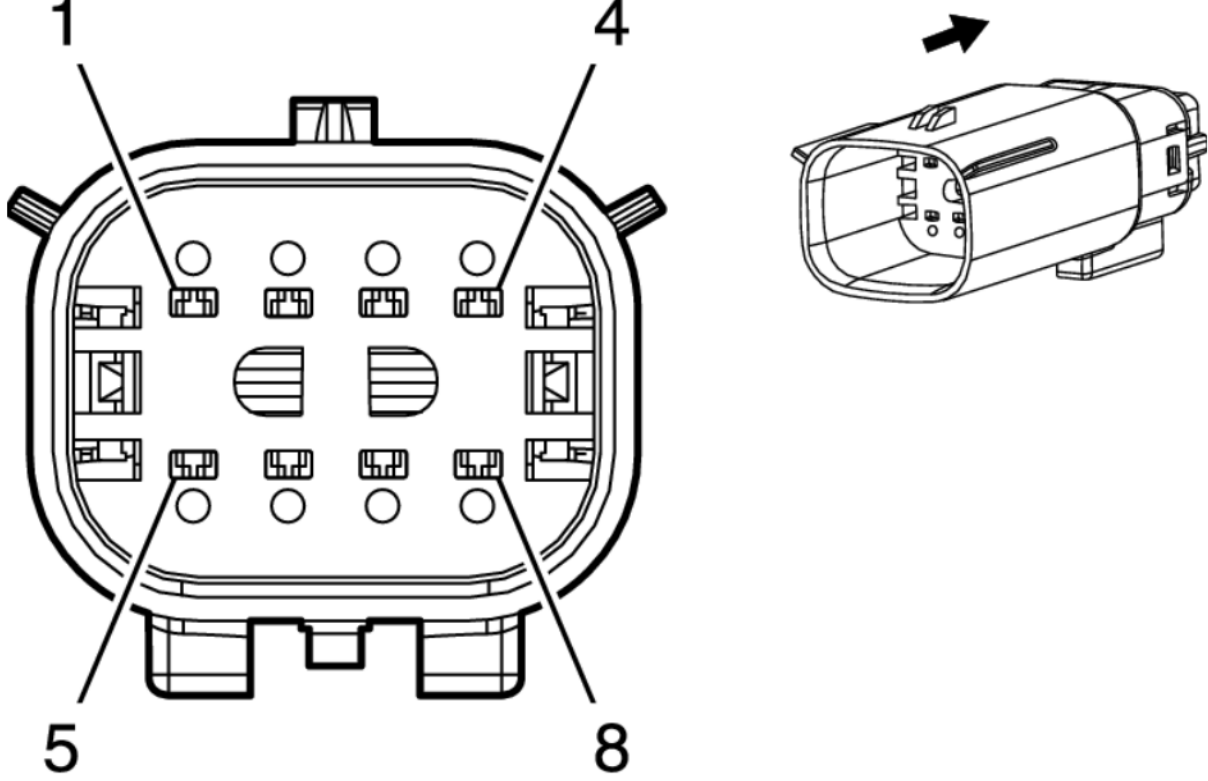
INLINE HARNESS CONNECTOR END VIEWS

X105 FORWARD LAMP HARNESS TO FRONT FASCIA HARNESS (9H8)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33145057
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)



Connector Part Information

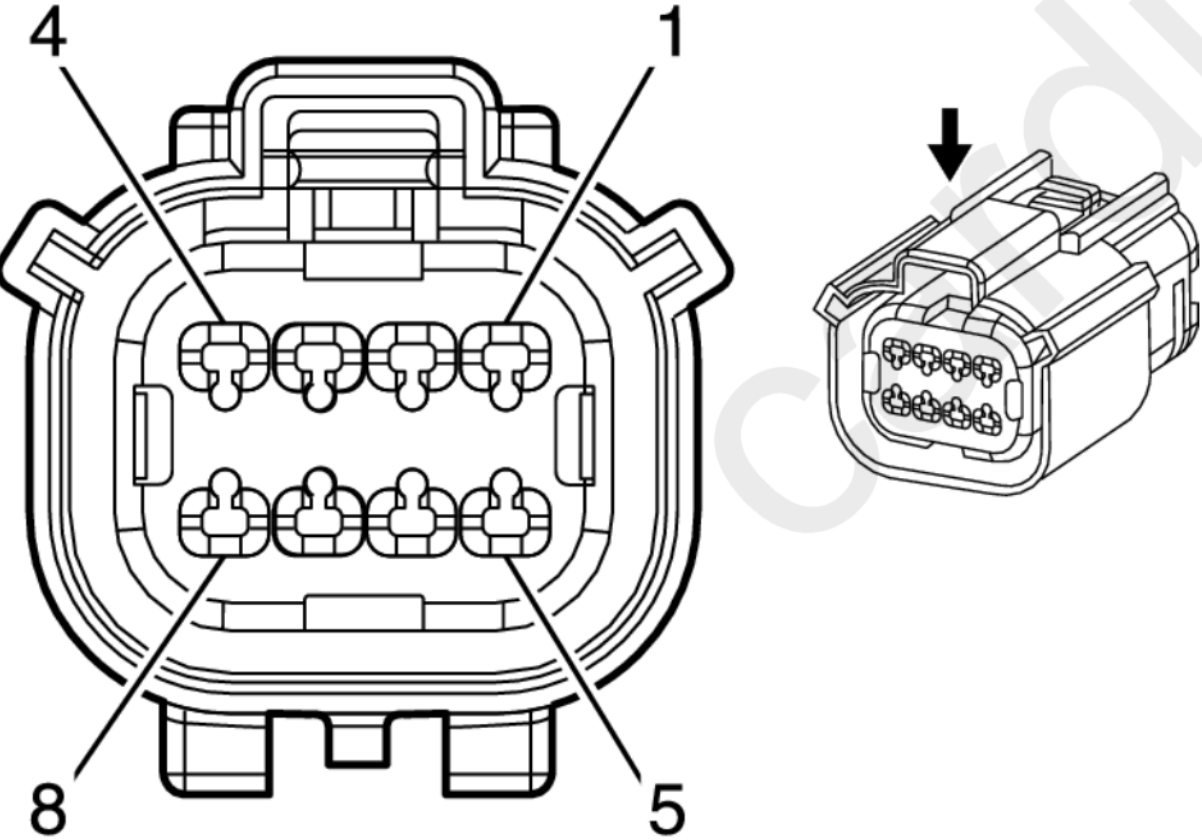
- Harness Type: Front Fascia
- OEM Connector: 15456955
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 MX Series, Sealed (BK)

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
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

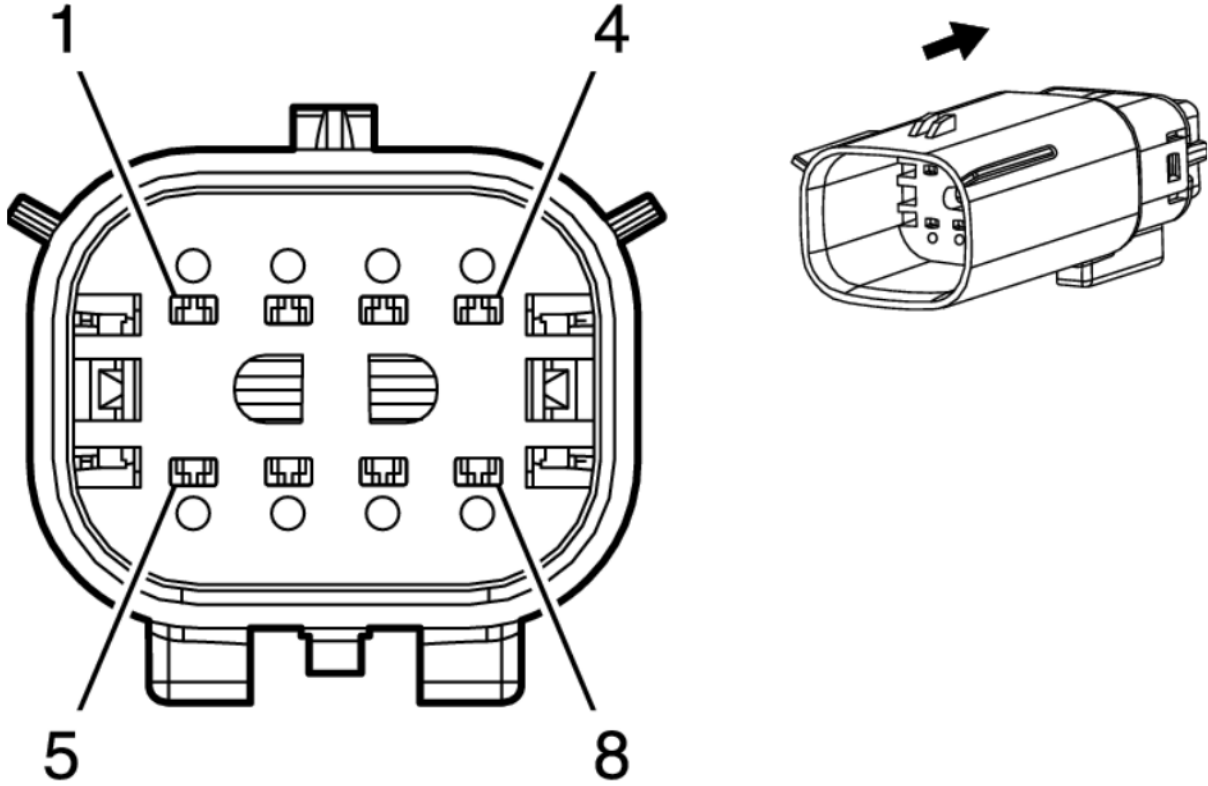
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	1	0.5	BK/BU	61	II	-
2	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	2	0.5	BU/GY	636	II	-
3	0.5 0.35	VT/GY GY/BK	709 3437	I I	TU2 VRI	Left Park Lamp Control Shutter Valve Solenoid Control	3	0.5 0.5	VT/GY GY/BK	709 3437	II II	9H8 VRI
4	0.5	GY/BN	309	I	-	Right Park Lamp Control	4	0.5	GY/BN	309	II	-
5	0.5	BK	1150	I	-	Ground	5	0.5	BK	1150	II	-
6	0.5	VT/WH	239	I	-	Run/Crank Ignition 1 Voltage	6	0.5	VT/WH	239	II	-
7	0.5	GY/BU	7538	I	-	Left Front DRL Control	7	0.5	GY/BU	7538	II	-
8	0.5	BU/BN	7539	I	-	Right Front DRL Control	8	0.5	BU/BN	7539	II	-

X105 FORWARD LAMP HARNESS TO FRONT FASCIA HARNESS (-9H8-VRI)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33140689
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	1	0.5	BK/BU	61	II	-
2	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	2	0.5	BU/GY	636	II	-
3 - 8	-	-	-	-	-	Not Occupied	3 - 8	-	-	-	-	-

X105 FORWARD LAMP HARNESS TO FRONT FASCIA HARNESS (VRI)

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Diagram of the Forward Lamp Connector (T4A) showing terminal layout with callouts 1, 4, 5, and 8. An inset shows the connector from a different angle with a downward arrow.

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33140690
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)

Diagram of the Front Fascia Connector (T4F) showing terminal layout with callouts 1, 4, 5, and 8. An inset shows the connector from a different angle with an upward arrow.

Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13503538
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 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
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	1	0.5	BK/BU	61	II	-
2	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	2	0.5	BU/GY	636	II	-
3	0.35	GY/BK	3437	I	-	Shutter Valve Solenoid Control	3	0.35	GY/BK	3437	II	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.5	BK	1150	I	-	Ground	5	0.5	BK	1150	II	-
6	0.5	VT/WH	239	I	-	Run/Crank Ignition 1 Voltage	6	0.5	VT/WH	239	II	-
7 - 8	-	-	-	-	-	Not Occupied	7 - 8	-	-	-	-	-

X110 FORWARD LAMP HARNESS TO LEFT HEADLAMP HARNESS (T4A)

Diagram of the Forward Lamp Connector (T4A) showing terminal layout with callouts 1, 4, 5, and 8. An inset shows the connector from a different angle with a downward arrow.

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33140692
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)

Diagram of the Left Headlamp Connector (T4F) showing terminal layout with callouts 1, 4, 5, and 8. An inset shows the connector from a different angle with an upward arrow.

Connector Part Information

- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

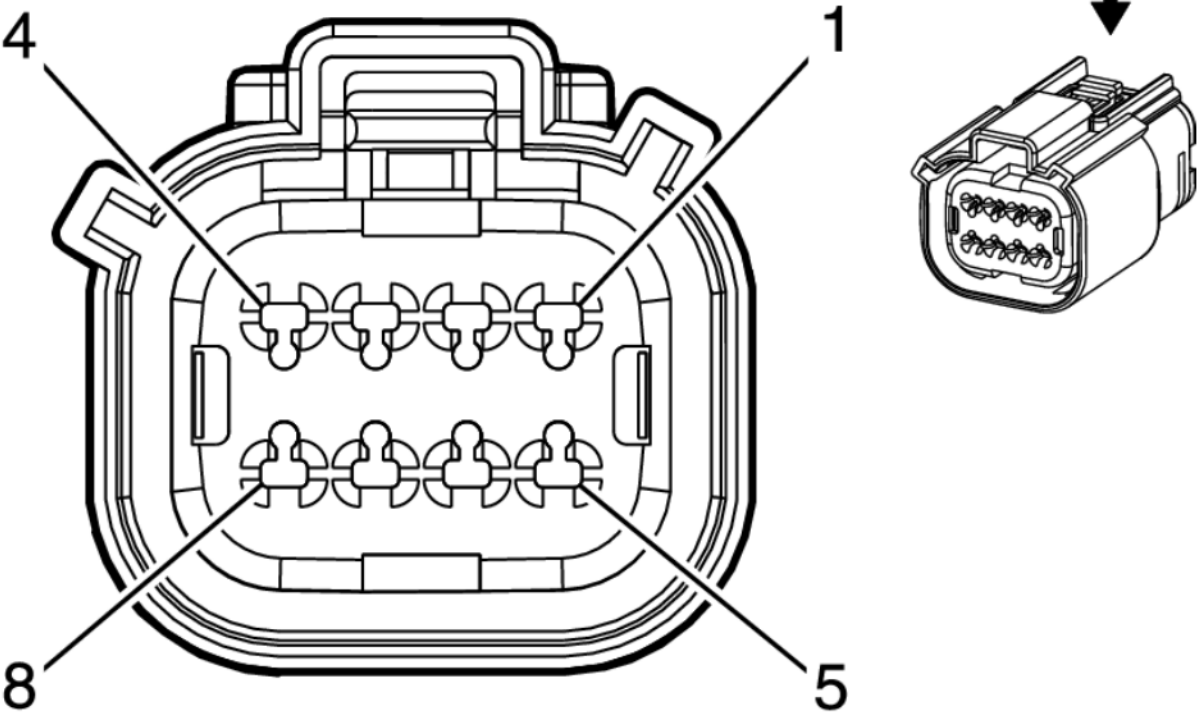
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/GY	709	I	-	Left Park Lamp Control	1	0.5	VT/GY	709	II	-
2	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	2	0.5	BU/WH	1314	II	-
3	0.5	VT/GY	709	I	-	Left Park Lamp Control	3	0.5	VT/GY	709	II	-
4	1	BK	1150	I	-	Ground	4	1	BK	1150	II	-
5	0.5	WH	711	I	-	Left Headlamp High Beam Control	5	0.5	WH	711	II	-
6	0.75	YE	712	I	-	Left Headlamp Low Beam Control	6	0.75	YE	712	II	-
7	1	BK	1150	I	-	Ground	7	1	BK	1150	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

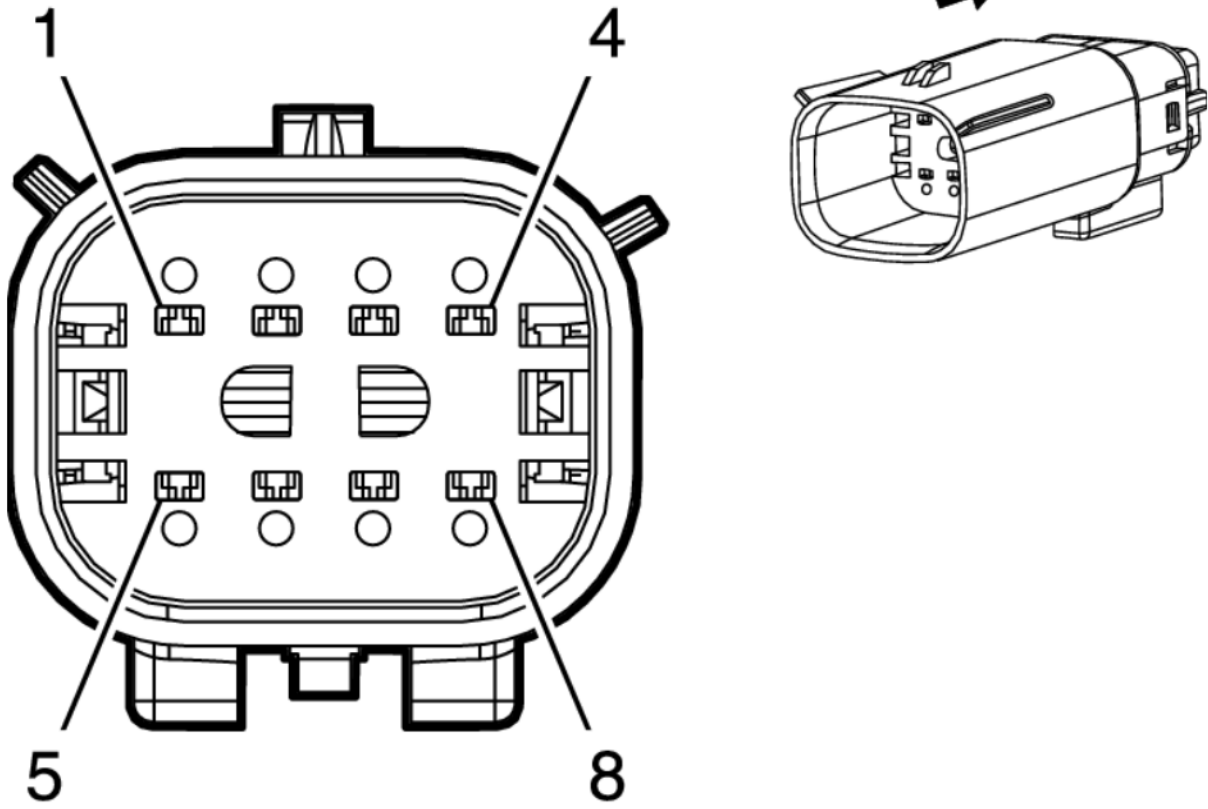
X110 FORWARD LAMP HARNESS TO LEFT HEADLAMP HARNESS (T4F)

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13918467
- Service Connector: 13587283
- Description: 8-Way F 150 MX Series, Sealed (L-GY)



Connector Part Information

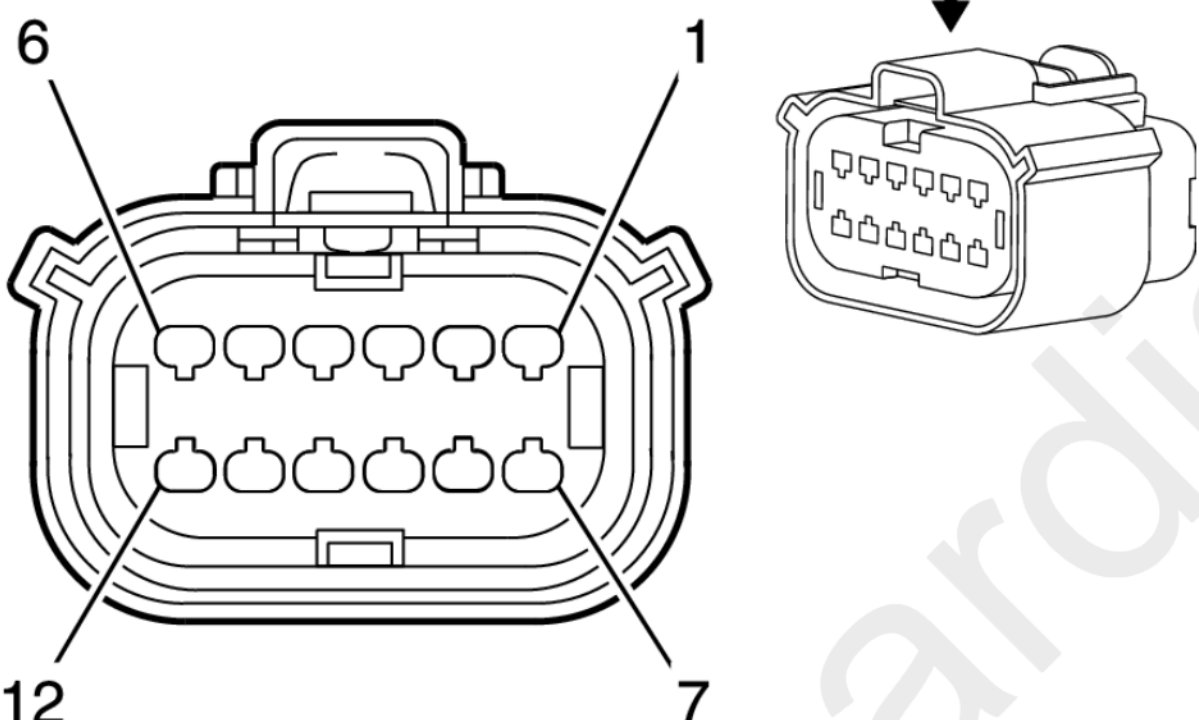
- Harness Type: Left Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

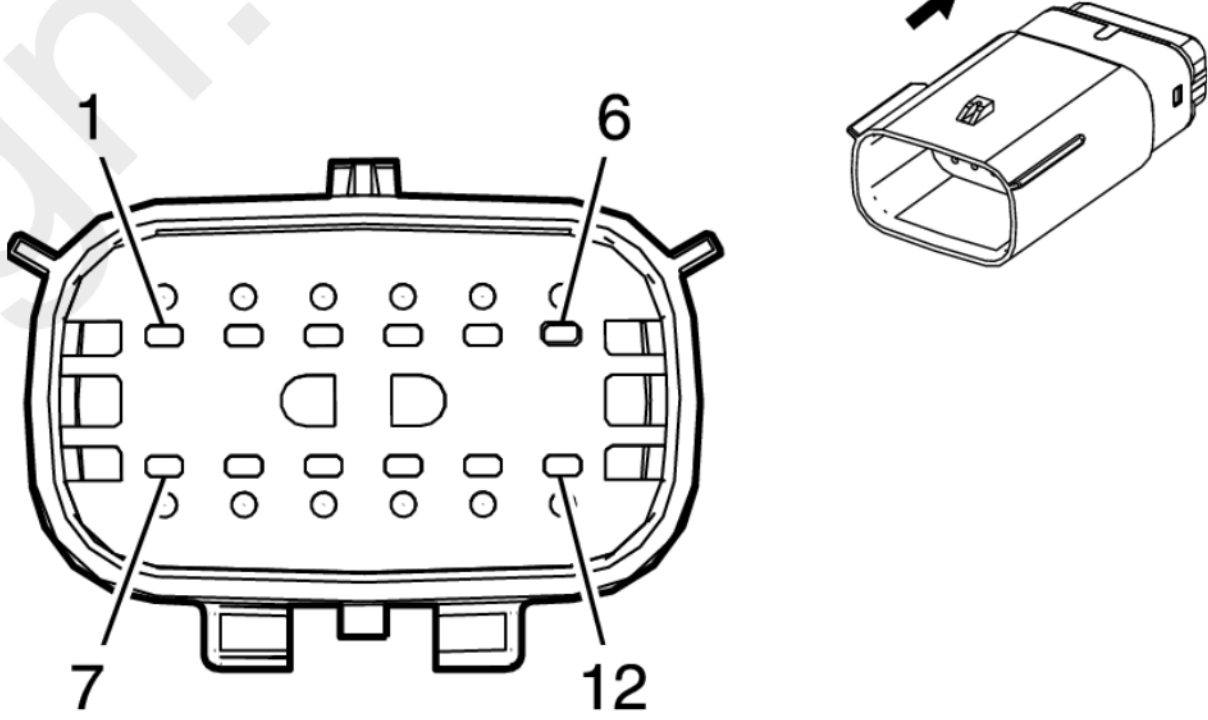
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/GY	709	I	-	Left Park Lamp Control	1	0.5	VT/GY	709	II	-
2	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	2	0.5	BU/WH	1314	II	-
3	0.5	WH	711	I	-	Left Headlamp High Beam Control	3	0.5	WH	711	II	-
4	0.75	YE	712	I	-	Left Headlamp Low Beam Control	4	0.75	YE	712	II	-
5	0.5	VT/GY	709	I	-	Left Park Lamp Control	5	0.5	VT/GY	709	II	-
6	1	BK	1150	I	-	Ground	6	1	BK	1150	II	-
7	1	BK	1150	I	-	Ground	7	1	BK	1150	II	-
8	1	BK	1150	I	-	Ground	8	1	BK	1150	II	-

X113 ENGINE HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13653762
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13534850
- Service Connector: 13503540
- Description: 12-Way M 150 MX Series, Sealed (BK)

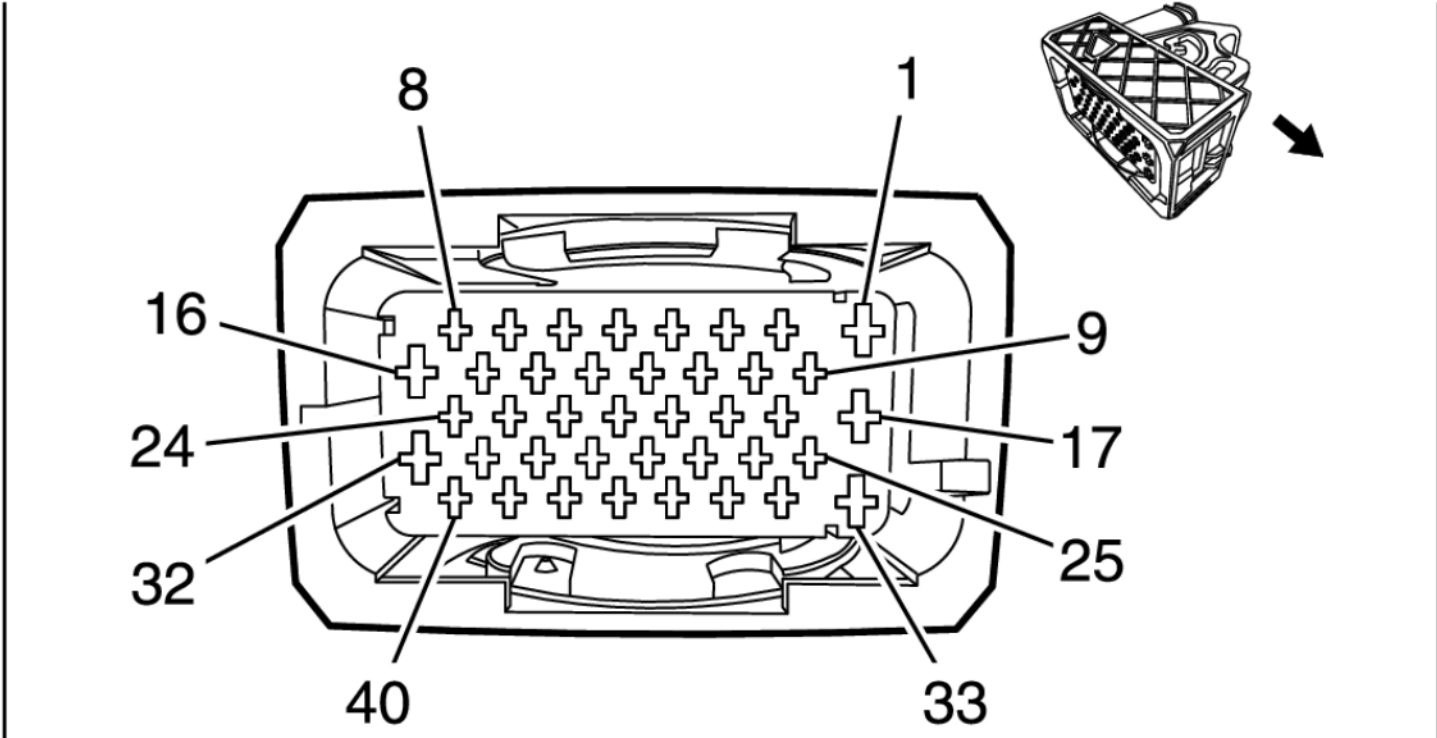
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 3	-	-	-	-	-	Not Occupied	1 - 3	-	-	-	-	-
4	0.5	VT/RD	5634	I	-	Alternative Fuel Tank Sensor 5V Reference	4	0.5	VT/RD	5634	II	-
5	0.5	BK/BU	5631	I	-	Alternative Fuel Tank Sensor Low Reference	5	0.5	BK/BU	5631	II	-
6	0.5	GN/GY	5633	I	-	Alternative Fuel Tank Pressure Signal	6	0.5	GN/GY	5633	II	-
7	0.5	GN/VT	4376	I	-	Alternative Fuel Pressure Regulator Control	7	0.5	GN/VT	4376	II	-
8	0.5	BN/GN	4389	I	-	Fuel Tank Purge Shut Off Valve Solenoid Control 1	8	0.5	BN/GN	4389	II	-
9	0.5	BK/GN	4392	I	-	Alternative Fuel Tank Temperature Sensor Reference	9	0.5	BK/GN	4392	II	-
10	0.5	BU/BN	5632	I	-	Alternative Fuel Tank Temperature Signal	10	0.5	BU/BN	5632	II	-
11	0.5	BU	4111	I	-	Alternative Fuel/Gas Switch Signal	11	0.35	BU	4111	II	-
12	0.5	GN	4110	I	-	CNG/Gas Indicator Control	12	0.35	GN	4110	II	-

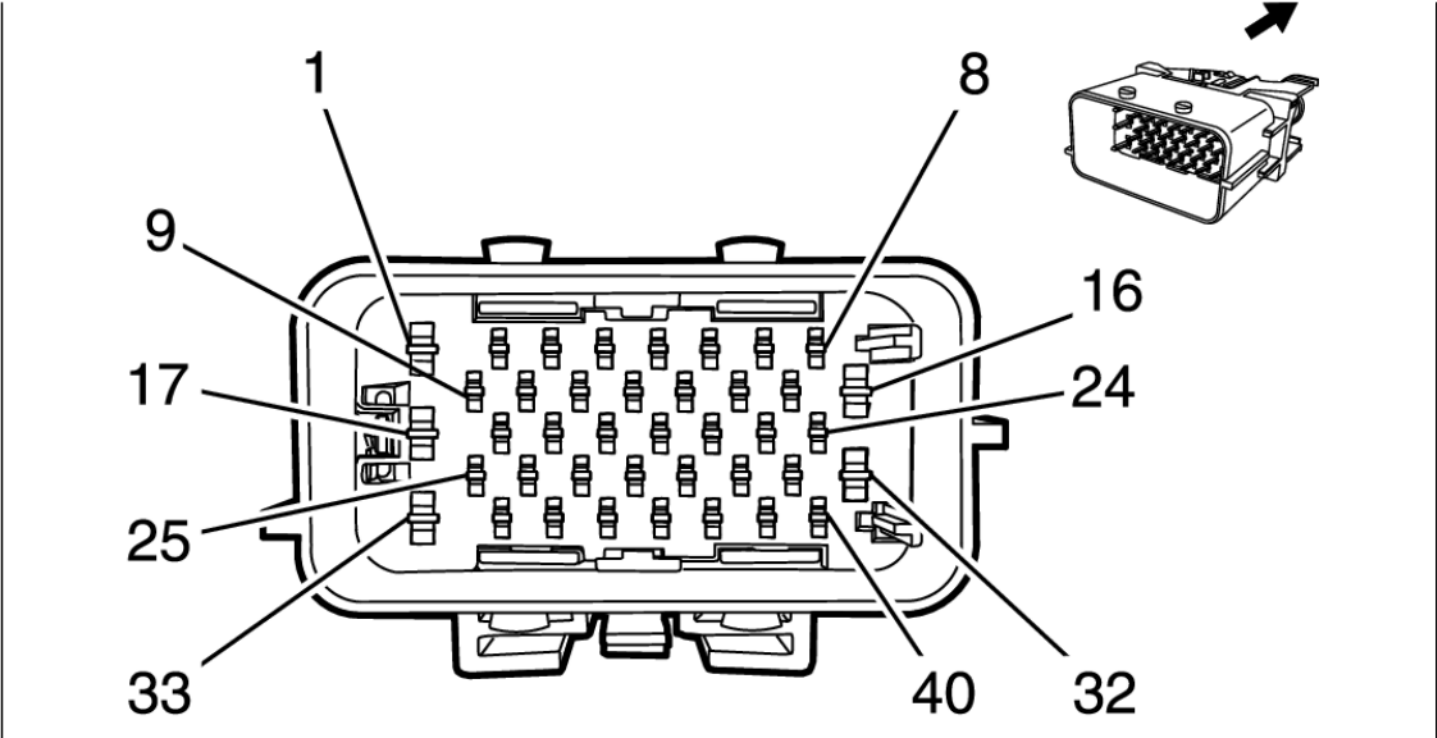
X115 ENGINE HARNESS TO BODY HARNESS

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13603185
- Service Connector: 13576549
- Description: 40-Way F 1.5, 2.8 Series, Sealed (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13603208
- Service Connector: 13576551
- Description: 40-Way M 1.5 DSQ, 2.8 ATS 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	13575774	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13576369	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13578874	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	I
IV	13580830	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	19300450	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	C
VI	13575356	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13580827	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.5	BK/BU	1271	III	-	Accelerator Pedal Position Low Reference 1	2	0.35	BK/BU	1271	VIII	-
3	0.5	WH/RD	1164	II	-	Accelerator Pedal Position 5V Reference 1	3	0.35	WH/RD	1164	VIII	-
	0.5	WH/RD	1164	III	-	Accelerator Pedal Position 5V Reference 1						
4	0.5	YE/WH	1161	II	-	Accelerator Pedal Position Signal 1	4	0.35	YE/WH	1161	VIII	-
5	0.5	BK/VT	1272	II	-	Accelerator Pedal Position Low Reference 2	5	0.35	BK/VT	1272	VIII	-
	0.5	BK/VT	1272	III	-	Accelerator Pedal Position Low Reference 2						
6	0.5	BN/RD	1274	II	-	Accelerator Pedal Position 5V Reference 2	6	0.35	BN/RD	1274	VIII	-
	0.5	BN/RD	1274	III	-	Accelerator Pedal Position 5V Reference 2						
7	0.5	GN/WH	1162	II	-	Accelerator Pedal Position Signal 2	7	0.35	GN/WH	1162	VIII	-
	0.5	GN/WH	1162	III	-	Accelerator Pedal Position Signal 2						
8	0.5	WH/BU	6311	II	-	Cruise/ETC/TCC Brake Signal	8	0.35	WH/BU	6311	VIII	-
	0.5	WH/BU	6311	III	-	Cruise/ETC/TCC Brake Signal						
9	0.5	VT/BU	6091	III	-	Crankshaft Position Sensor Replicated Signal	9	0.35	VT/BU	6091	VIII	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.5	YE/BU	4161	III	-	Transmission Auxiliary Pump Relay Control	11	0.5	YE/BU	4161	VI	-
12	0.5	BU	2500	II	-	High Speed GMLAN Serial Data (+) 1	12	0.5	BU	2500	VII	-
	0.5	BU	2500	III	-	High Speed GMLAN Serial Data (+) 1						
13	0.5	WH	2501	II	-	High Speed GMLAN Serial Data (-) 1	13	0.5	WH	2501	VII	-
	0.5	WH	2501	III	-	High Speed GMLAN Serial Data (-) 1						
14	0.5	VT/YE	5985	II	-	Accessory Wakeup Serial Data	14	0.35	VT/YE	5985	VIII	-
15	0.5	WH	1310	II	-	EVAP Canister Vent Solenoid Control	15	0.35	WH	1310	VIII	-
	0.5	WH	1310	III	-	EVAP Canister Vent Solenoid Control						
16	0.5	BU/RD	6105	V	-	High Speed GMLAN Serial Data (+) 2	16	0.5	BU/YE	6105	IX	-
	0.5	VT/GY	6386	IV	KL9	Starter Enable Relay (PPEI 3) Control		0.5	VT/GY	6386	IX	-
17	0.5	BU/YE	6105	V	-	High Speed GMLAN Serial Data (+) 2	17	0.5	BU/YE	6105	IX	-
18	0.5	BU/WH	890	II	-	Fuel Tank Pressure Sensor Signal	18	0.35	OG/YE	890	VIII	-
	0.5	BU/WH	890	III	-	Fuel Tank Pressure Sensor Signal						
19	0.5	YE/RD	2709	II	-	Fuel Tank Pressure Sensor 5V Reference	19	0.35	YE/RD	2709	VIII	-
20	0.5	BN/WH	419	II	-	Check Engine Indicator Control	20	0.35	BN/WH	419	VIII	-
	0.5	BN/WH	419	III	-	Check Engine Indicator Control						
21	0.5	BU/VT	1589	II	-	Primary Fuel Level Sensor Signal	21	0.35	BU/VT	1589	VIII	-
	0.5	BU/VT	1589	III	-	Primary Fuel Level Sensor Signal						
22	0.5	YE/RD	6031	III	-	Brake Vacuum Sensor 5V Reference	22	0.35	YE/RD	6031	VIII	-
						Brake Vacuum Sensor 5V Reference		0.5	YE/RD	6031	VII	-
23	0.5	BK/VT	2760	II	-	Intake Air Temperature Sensor Low Reference	23	0.35	BK/GN	6281	VIII	-
	0.5	BK/GN	6281	II	-	Fuel Level Sensor Low Reference						
	0.5	BK/GN	6281	III	-	Fuel Level Sensor Low Reference						
24	0.5	WH	1579	II	-	Brake Vacuum Sensor Low Reference	24	0.35	BK/YE	6032	VIII	-
	0.5	BK/YE	6032	II	KL9	Fuel Temperature/Composition Signal		0.5	BK/YE	6032	VII	-
						Signal		0.5	WH	1579	VII	FHS
						Brake Vacuum Sensor Low Reference		0.5	WH	1579	VII	-
								0.35	BK/YE	6032	VIII	KL9
25	0.5	GN/GY	465	II	-	Fuel Pump Primary Relay Control	25	0.35	GN/GY	465	VIII	-
	0.5	GN/GY	465	I	-	Fuel Pump Primary Relay Control						
	0.5	GN/GY	465	III	-	Fuel Pump Primary Relay Control						
26	0.5	WH/RD	5381	II	-	Brake Position Sensor 5V Reference	26	0.35	WH/RD	5381	VIII	-
27	0.5	BK/YE	5382	II	-	Brake Position Sensor Low Reference	27	0.35	BK/YE	5382	VIII	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
28	0.5 0.5	WH/GN WH/GN	5380 5380	II III	- -	Brake Position Sensor Signal Brake Position Sensor Signal	28	0.35	WH/GN	5380	VIII	-
29	0.5 0.5	BU BU	7573 7573	II III	- -	Electric Variable Displacement Supply Electric Variable Displacement Supply	29	0.35	BU	7573	VIII	-
30	0.5 0.5	BU/GN BU/GN	7574 7574	II III	- -	Electric Variable Displacement Control Electric Variable Displacement Control	30	0.35	BU/GN	7574	VIII	-
31	0.5 0.5	VT/BK VT/BK	2139 2139	II III	- -	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	31	0.35	VT/BK	2139	VIII	-
32	0.5 0.5	WH/YE YE	6106 5530	V IV	- KL9	High Speed GMLAN Serial Data (-) 2 Hood Open Switch Signal	32	0.5 0.35	WH YE	6106 5530	IX IX	- -
33	0.5 0.5	WH/RD BK/VT	6106 470	V IV	- KL9	High Speed GMLAN Serial Data (-) 2 Sensor Low Reference	33	0.5 0.5	WH BK/VT	6106 470	IX IX	- -
34	0.5 0.5 0.5	BN/RD VT/BU BN/RD	2700 6270 2700	III II II	- - -HP6	A/C Pressure Sensor 5V Reference Crankshaft 60X Sensor 5V Reference A/C Pressure Sensor 5V Reference	34	0.35	BN/RD	2700	VIII	-
35	0.5	BK/BN	5514	III	-	A/C Refrigerant Pressure Sensor Low Reference	35	0.35	BK/BN	5514	VIII	-
36	0.5	GN	380	III	-	A/C Refrigerant Pressure Sensor Signal	36	0.35	GN	380	VIII	-
37	0.5	YE/VT	6030	III	-	Brake Vacuum Sensor Signal	37	0.5	YE/VT	6030	VII	-
38 - 39	-	-	-	-	-	Not Occupied	38 - 39	-	-	-	-	-
40	0.5	WH/BU	5986	II	-	Serial Data Communication Enable	40	0.35	WH/BU	5986	VIII	-

X116 FORWARD LAMP HARNESS TO COOLING FAN HARNESS

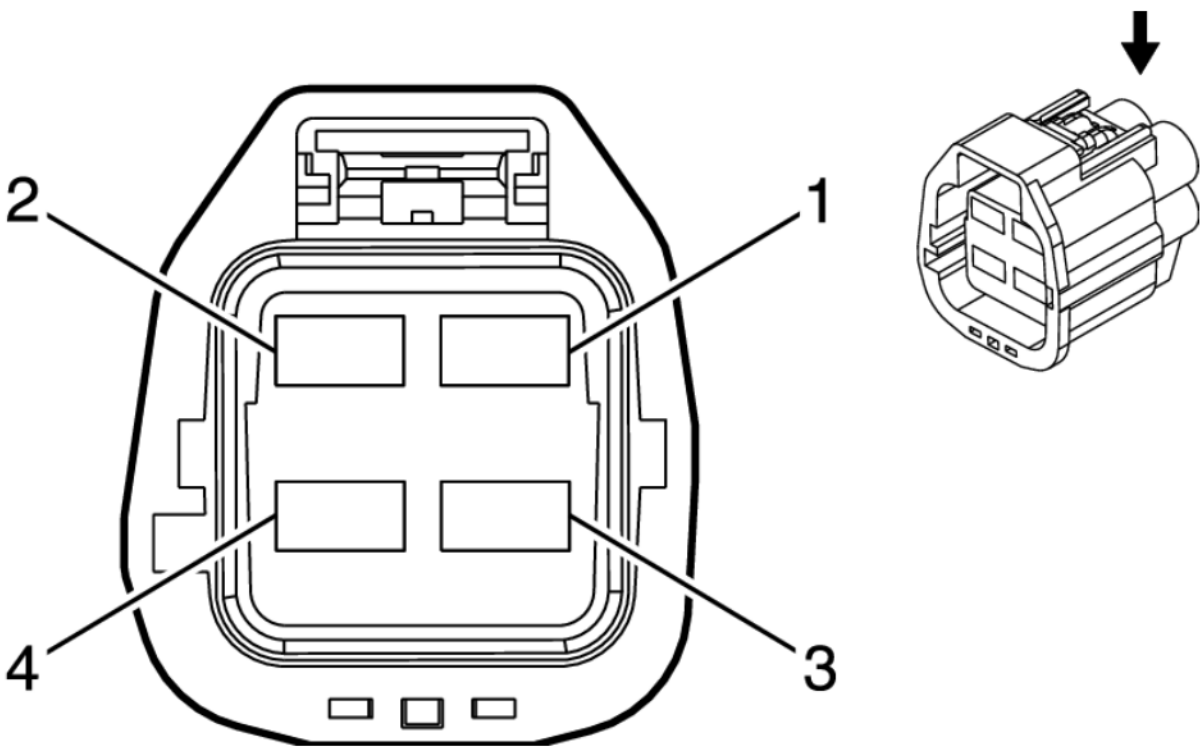


Diagram showing the internal layout of the X116 Forward Lamp Connector. It is a 4-way F 6.3 Series, Sealed (D-GY) connector. The diagram includes a top view with terminals labeled 1, 2, 3, and 4, and a side view showing the connector's profile. A downward arrow indicates the direction of assembly.

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13626015
- Service Connector: 19367523
- Description: 4-Way F 6.3 Series, Sealed (D-GY)

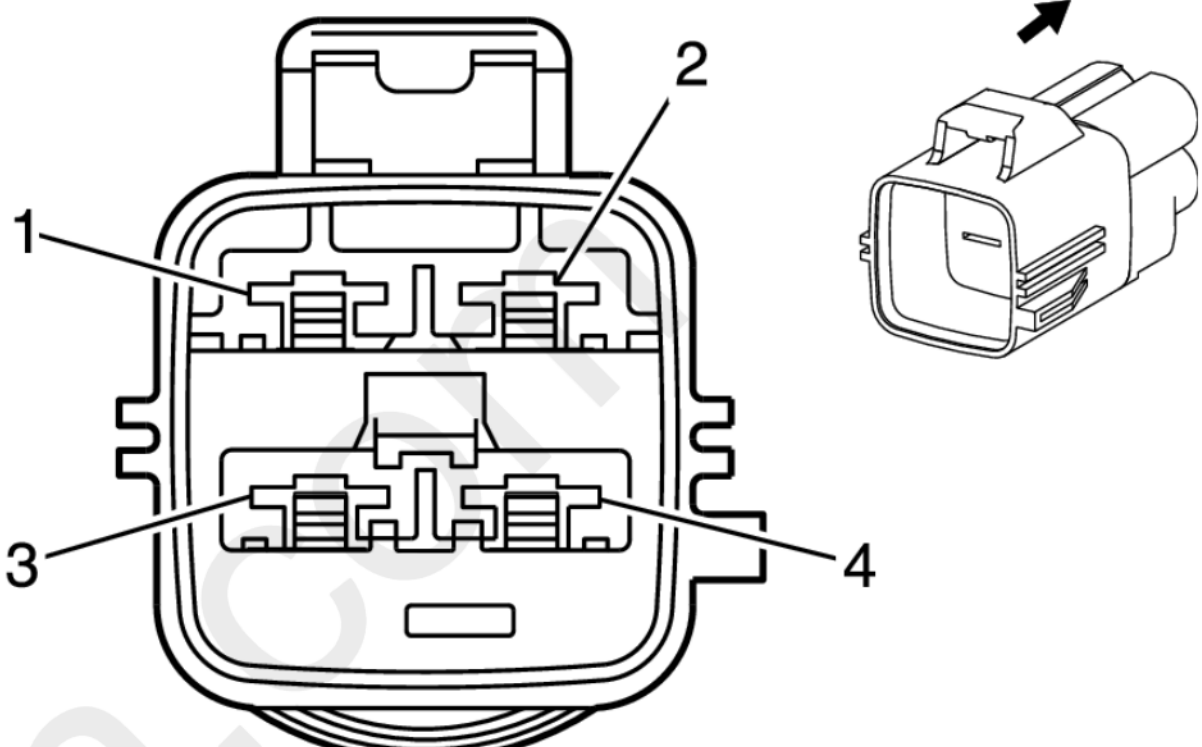


Diagram showing the internal layout of the X116 Cooling Fan Connector. It is a 4-way M 6.3 Series, Sealed (D-GY) connector. The diagram includes a top view with terminals labeled 1, 2, 3, and 4, and a side view showing the connector's profile. An upward arrow indicates the direction of assembly.

Connector Part Information

- Harness Type: Cooling Fan
- OEM Connector: 7282-5595-10
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 6.3 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-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-43 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	6	GY	532	I	-	Cooling Fan Motor Control 2	1	6	GY	532	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	6	YE	5358	I	-	Cooling Fan Motor Control 3	3	6	YE	5358	II	-
4	6	WH/BU	409	I	-	Cooling Fan Motor Control 1	4	6	WH/BU	409	II	-

X117 COOLING FAN HARNESS TO FORWARD LAMP HARNESS

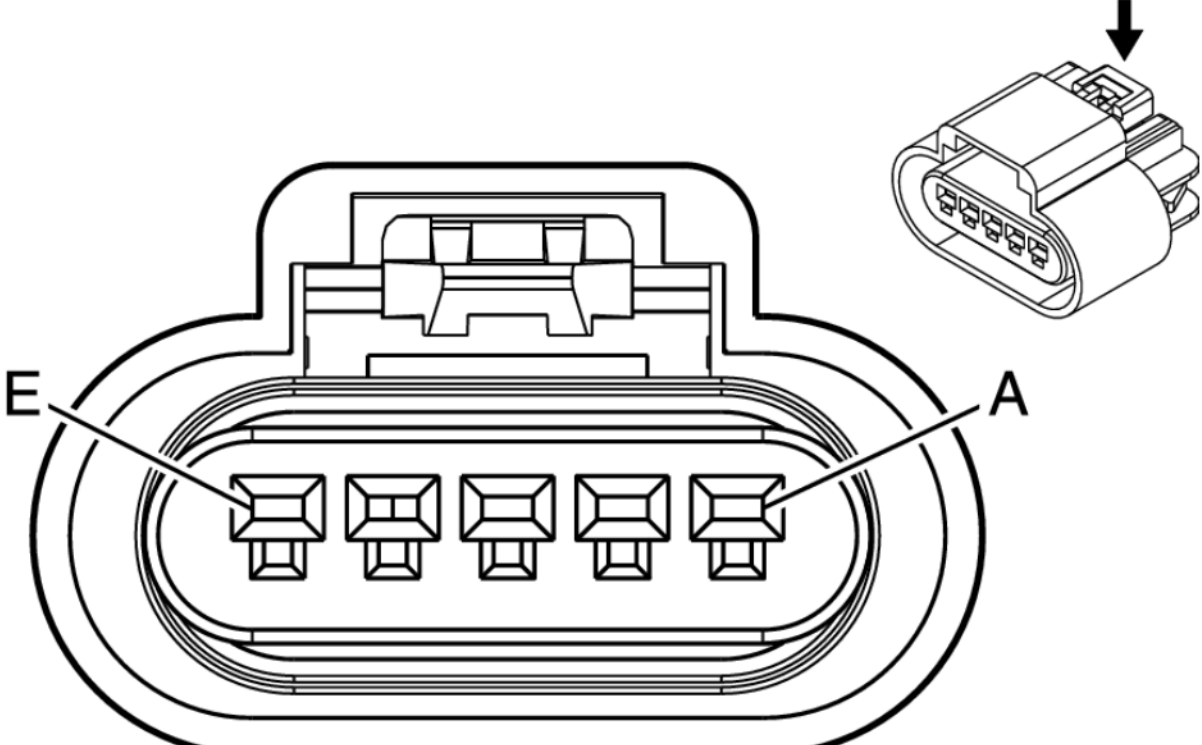


Diagram showing the internal layout of the X117 Cooling Fan Connector. It is a 5-way F 150 GT Series, Sealed (BK) connector. The diagram includes a top view with terminals labeled A and E, and a side view showing the connector's profile. A downward arrow indicates the direction of assembly.

Connector Part Information

- Harness Type: Cooling Fan
- OEM Connector: 15326822
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way F 150 GT Series, Sealed (BK)

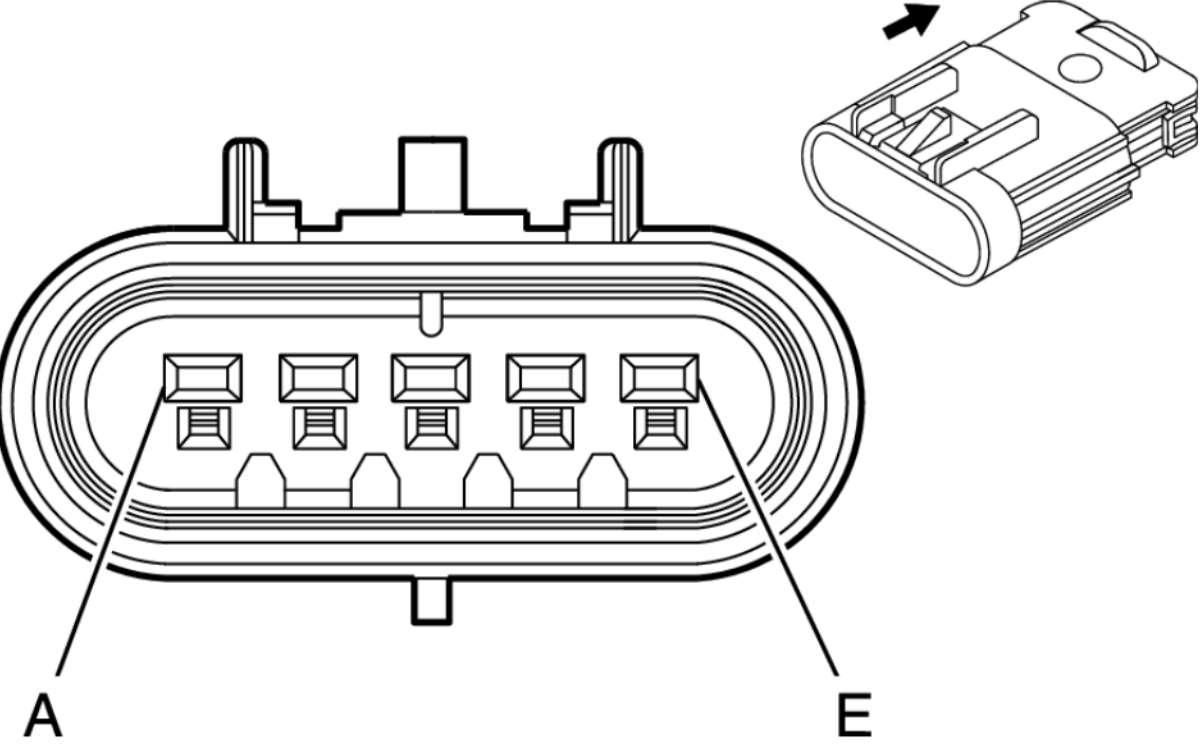


Diagram showing the internal layout of the X117 Forward Lamp Connector. It is a 5-way M 150 GT Series, Sealed (BK) connector. The diagram includes a top view with terminals labeled A and E, and a side view showing the connector's profile. An upward arrow indicates the direction of assembly.

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15326827
- Service Connector: 13504593
- Description: 5-Way M 150 GT Series, Sealed (BK)

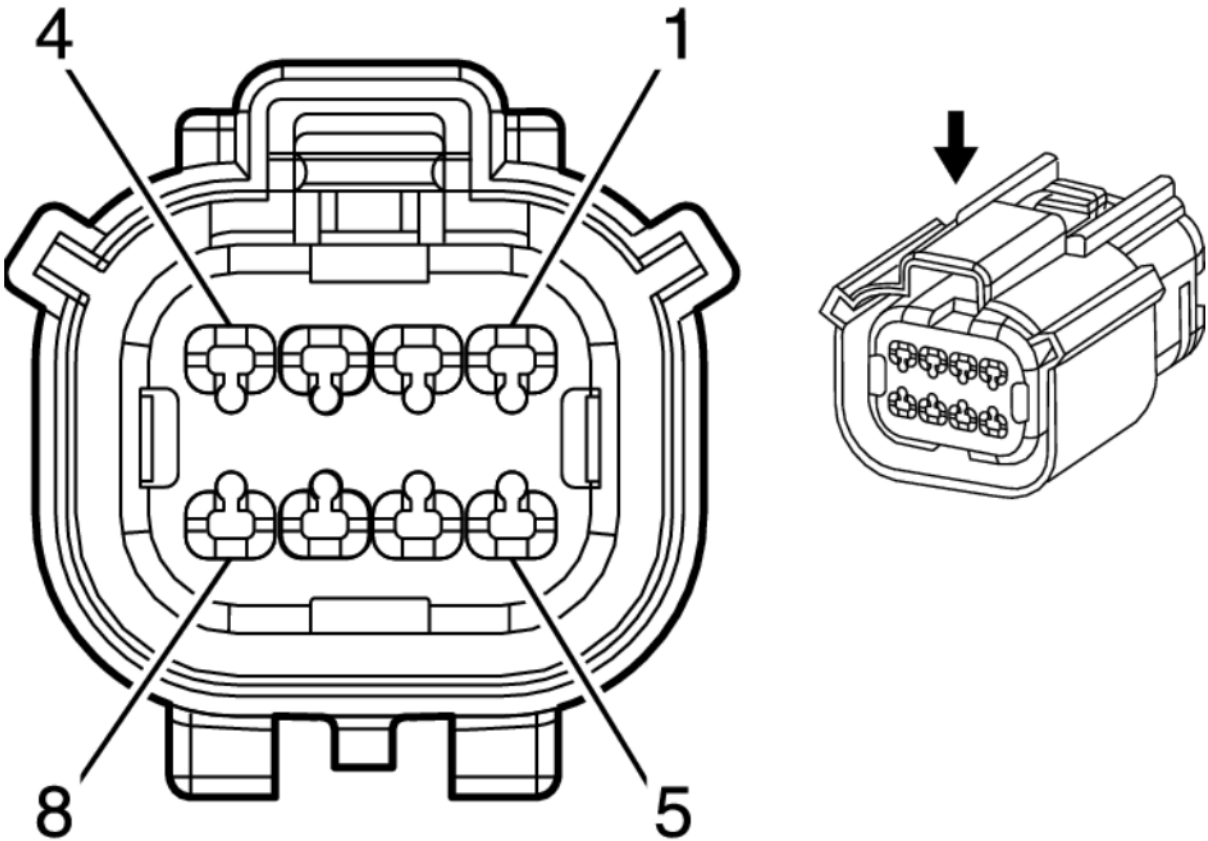
Terminal Part Information

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
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

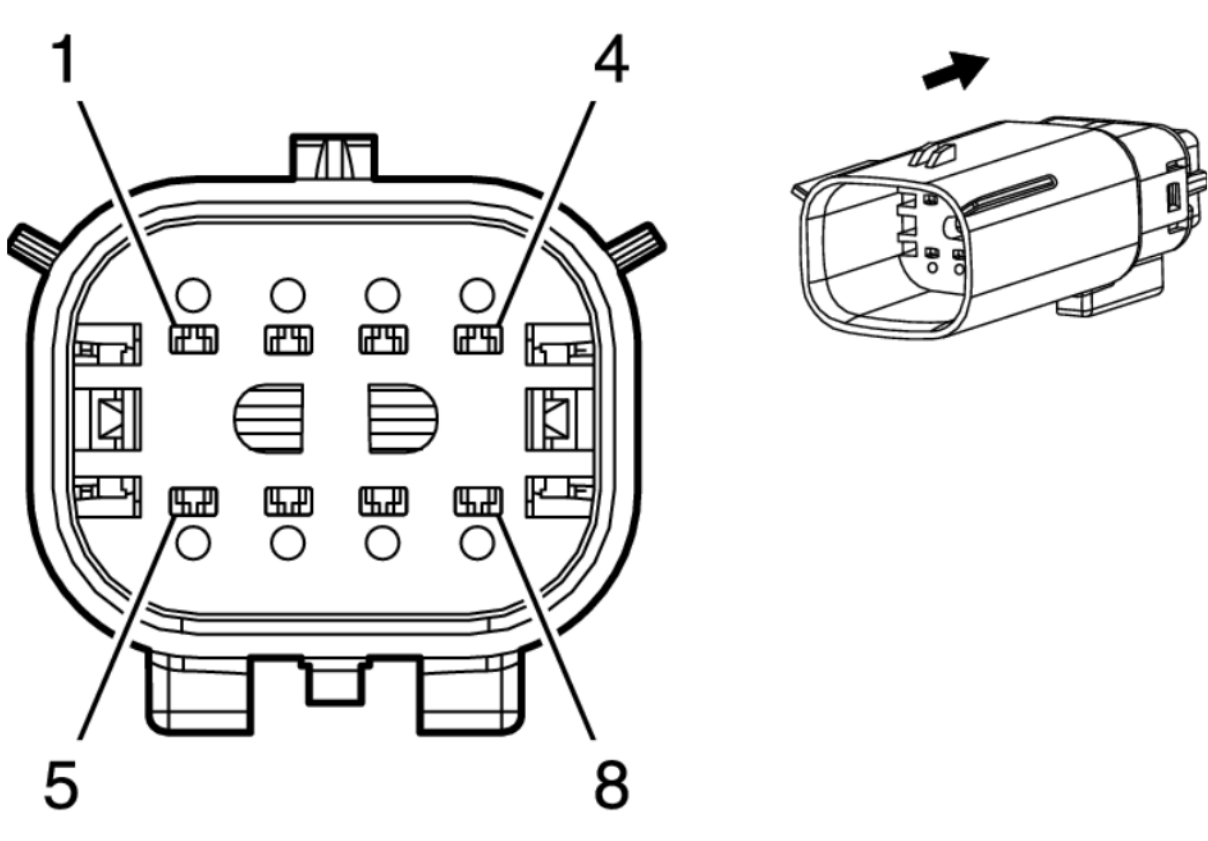
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.5	BK/BN	5514	I	-	A/C Refrigerant Pressure Sensor Low Reference	A	0.35	BK/BN	5514	II	-
B	0.5	BN/RD	2700	I	-	A/C Pressure Sensor 5V Reference	B	0.35	BN/RD	2700	II	-
C	0.5	GN	380	I	-	A/C Refrigerant Pressure Sensor Signal	C	0.35	GN	380	II	-
D - E	-	-	-	-	-	Not Occupied	D - E	-	-	-	-	-

X120 FORWARD LAMP HARNESS TO RIGHT HEADLAMP HARNESS (T4A)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33140692
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)



Connector Part Information

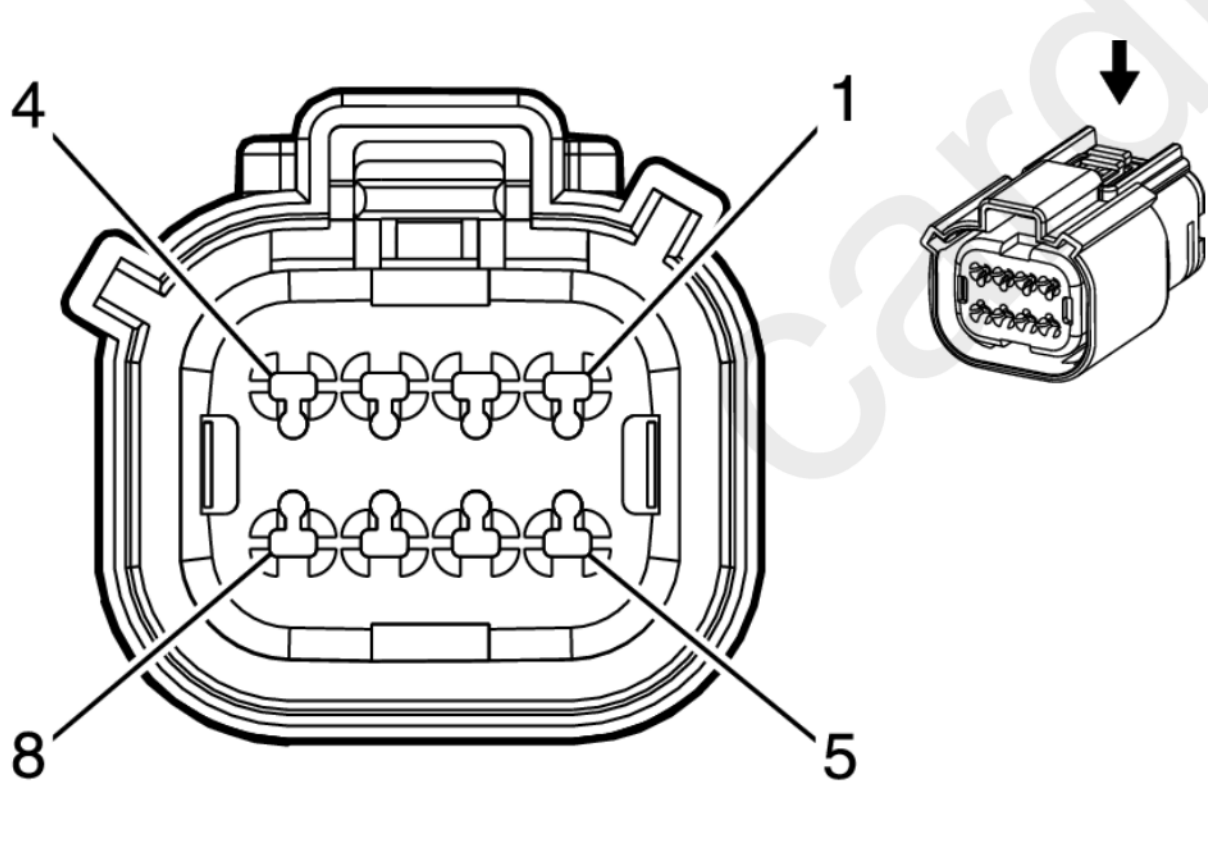
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

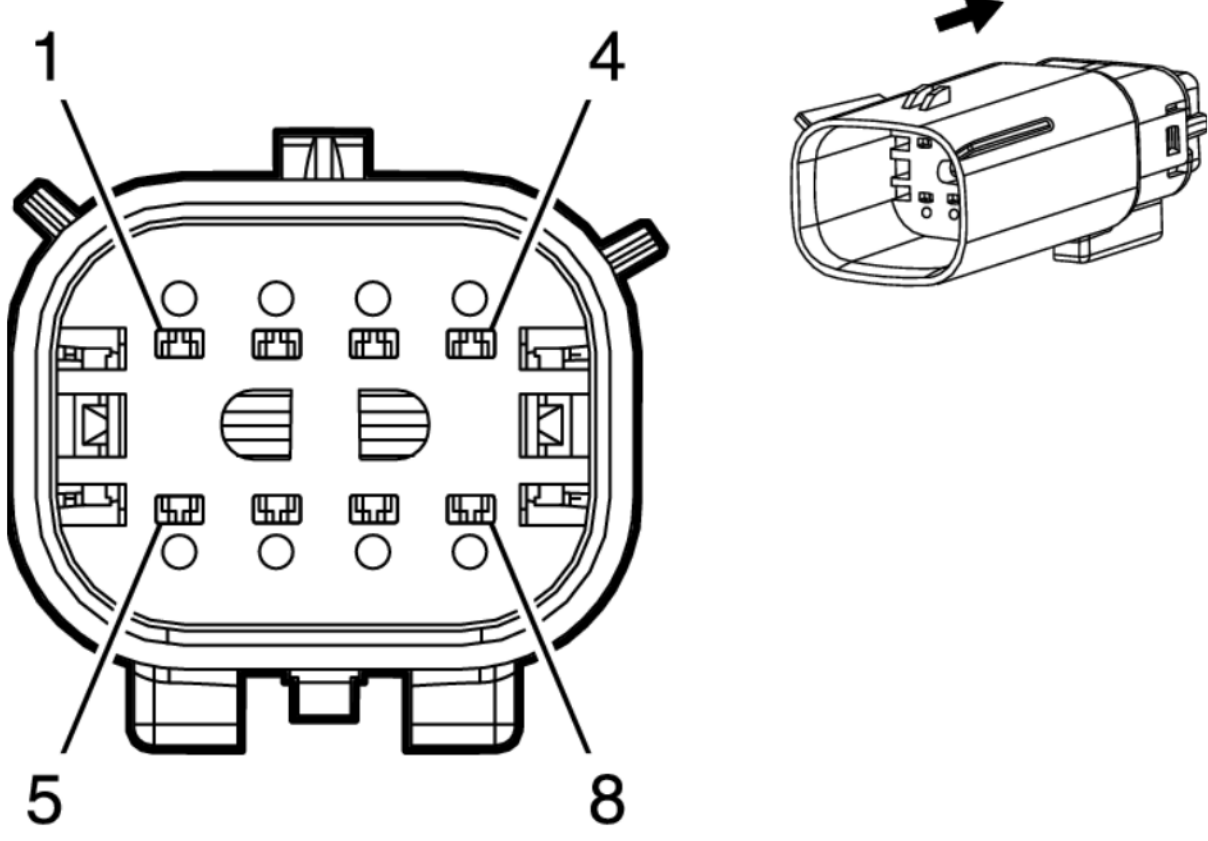
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GY/BN	309	I	-	Right Park Lamp Control	1	0.5	GY/BN	309	II	-
2	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	2	0.5	GN/VT	1315	II	-
3	0.5	GY/BN	309	I	-	Right Park Lamp Control	3	0.5	GY/BN	309	II	-
4	1	BK	1050	I	-	Ground	4	1	BK	1050	II	-
5	0.5	WH	311	I	-	Right Headlamp High Beam Control	5	0.5	WH	311	II	-
6	0.75	YE	312	I	-	Right Headlamp Low Beam Control	6	0.75	YE	312	II	-
7	1	BK	1050	I	-	Ground	7	1	BK	1050	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X120 FORWARD LAMP HARNESS TO FORWARD LAMP HARNESS (T4F)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13918467
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 150 MX Series, Sealed (L-GY)



Connector Part Information

- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GY/BN	309	II	-	Right Park Lamp Control	1	0.5	GY/BN	309	III	-
	0.5	GY/BN	309	I	-	Right Park Lamp Control						
2	0.5	GN/VT	1315	II	-	Right Front Turn Signal Lamp Control	2	0.5	GN/VT	1315	III	-
	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control						
3	0.5	GY/BN	309	II	-	Right Park Lamp Control	3	0.5	GY/BN	311	III	-
	0.5	GY/BN	311	I	-	Right Headlamp High Beam Control						
4	1	BK	1050	II	-	Ground	4	1	BK	312	III	-
	1	BK	312	I	-	Right Headlamp Low Beam Control						

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
5	0.5 0.5	WH WH	309 311	I II	- -	Right Park Lamp Control Right Headlamp High Beam Control	5	0.5	WH	309	III	-
6	0.75 1	YE BK	312 1050	II I	- -	Right Headlamp Low Beam Control Ground	6	1	BK	1050	III	-
7	1 1	BK BK	1050 1050	II I	- -	Ground Ground	7	1	BK	1050	III	-
8	1	BK	1050	I	-	Ground	8	1	BK	1050	III	-

X150 FORWARD LAMP HARNESS TO BODY HARNESS

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13603185
- Service Connector: 13576549
- Description: 40-Way F 1.5, 2.8 Series, Sealed (BK)

Connector Part Information

- Harness Type: Body
- OEM Connector: 13603205
- Service Connector: 13576552
- Description: 40-Way M 1.5, 2.8 Series, Sealed (BK)

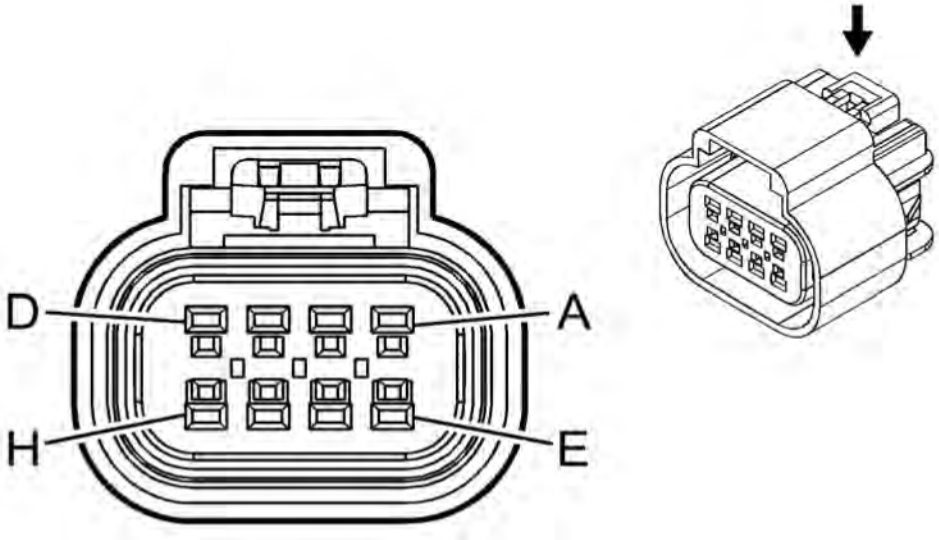
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575393	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13576369	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13578874	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	1
IV	13580830	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	19300450	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	C
VI	13575356	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13580819	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	13580827	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.5	WH/BU	5986	III	-	Serial Data Communication Enable	2	0.35	WH/BU	5986	VIII	-
3	0.5	GY/BN	7065	II	-	Wheel Speed Sensor Control Right Front	3	0.35	GY/BN	7065	VIII	-
4	0.5	YE	872	II	-	Wheel Speed Sensor Signal Right Front	4	0.35	YE	872	VIII	-
5	0.5	GY/WH	7064	II	-	Wheel Speed Sensor Control Left Front	5	0.35	GY/WH	7064	VIII	-
6	0.5	GY	830	II	-	Wheel Speed Sensor Signal Left Front	6	0.35	GY	830	VIII	-
7	0.5	OG/YE	354	II	-	Left Front Discriminating Sensor Signal	7	0.35	OG/YE	354	VIII	-
8	0.5	BK/OG	5045	II	-	Left Front Discriminating Sensor Low Reference	8	0.35	BK/OG	5045	VIII	-
9	0.5	BU/WH	1314	III	-	Left Front Turn Signal Lamp Control	9	0.5	BU/WH	1314	VII	-
10	0.5	GN/VT	1315	III	-	Right Front Turn Signal Lamp Control	10	0.5	GN/VT	1315	VII	-
11	0.5	VT/GY	709	III	-	Left Park Lamp Control	11	0.5	VT/GY	709	VI	-
12	0.5	GY/BN	309	III	-	Right Park Lamp Control	12	0.5	GY/BN	309	VI	-
13	0.5	OG/GN	1409	II	-	Right Front Discriminating Sensor Signal	13	0.35	OG/GN	1409	VIII	-
14	0.5	BK/OG	5600	II	-	Right Front Discriminating Sensor Low Reference	14	0.35	BK/OG	5600	VIII	-
15	0.5	VT	185	II	-	Low Washer Fluid Indicator Control	15	0.35	VT	185	VIII	-
16	0.5	YE	5530	IV	-	Hood Open Switch Signal	16	0.35	YE	5530	IX	-
	0.5	RD/BU	840	V	-	Battery Positive Voltage		0.5	RD/BU	840	X	-
	0.5	RD/BU	840	V	KSG	Battery Positive Voltage		0.5	RD/BU	840	X	KSG
	0.5	YE	5530	IV	LFR	Hood Open Switch Signal		0.35	YE	5530	IX	LFR
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.35	BN/GN	196	II	-	Windshield Wiper Motor Park Switch Signal	18	0.35	BN/GN	196	VIII	-
19	0.5	BU	2500	II	-	High Speed GMLAN Serial Data (+) 1	19	0.35	BU	2500	VIII	LFR
	0.5	BK/VT	470	II	-	High Speed GMLAN Serial Data (+) 1		0.5	BK/VT	470	VI	KL9
	0.5	BU	2500			Sensor Low Reference		0.35	BU	2500	VIII	-
	0.5	BK/VT	470					0.5	BK/VT	470	VI	-
20	0.5	WH	2501	II	-	High Speed GMLAN Serial Data (-) 1	20	0.35	WH	2501	VIII	-
21 - 22	-	-	-	-	-	Not Occupied	21 - 22	-	-	-	-	-
23	0.5	BN/GN	4064	II	-	Hood Status B Signal	23	0.35	BN/GN	4064	VIII	-
24	0.5	WH	6106	III	-	High Speed GMLAN Serial Data (-) 2	24	0.5	WH	6106	VI	-
25	0.35	GY/BK	3437	II	-	Shutter Valve Solenoid Control	25	0.35	GY/BK	3437	VIII	-
26	0.5	VT/BU	5294	III	-	Powertrain Main Relay Fused Supply 5	26	0.5	VT/BU	5294	VI	-
27	0.5	BU	2500	III	-	High Speed GMLAN Serial Data (+) 1	27	0.5	BU	2500	VI	-
	0.5	VT/RD	5634	II	-	Alternative Fuel Tank Sensor 5V Reference		0.5	VT/RD	5634	VI	-
	0.5	BU	2500	III	FX3	High Speed GMLAN Serial Data (+) 1		0.5	BU	2500		
	0.5	VT/RD	5634	II	LFR	Alternative Fuel Tank Sensor 5V Reference		0.5	VT/RD	5634		

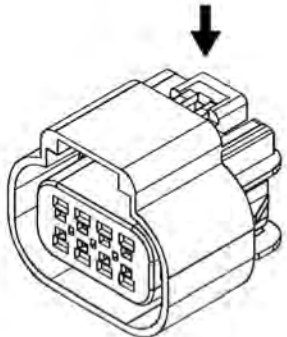
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
28	0.5 0.5	BK/BU WH	5631 2501	II II	- FX3	Alternative Fuel Tank Sensor Low Reference High Speed GMLAN Serial Data (-) 1	28	0.5 0.5	BK/BU WH	5631 2501	VI VI	- -
29	0.5 0.5	GN/GY BU/YE	5633 6105	II II	- -	Alternative Fuel Tank Pressure Signal High Speed GMLAN Serial Data (+) 2	29	0.5 0.5	GN/GY BU/YE	5633 6105	VI VI	- -
30	0.5 0.5 0.5 0.5	GN/VT WH WH GN/VT	4376 6106 6106 4376	II III III II	- - FX3 LFR	Alternative Fuel Pressure Regulator Control High Speed GMLAN Serial Data (-) 2 High Speed GMLAN Serial Data (-) 2 Alternative Fuel Pressure Regulator Control	30	0.5 0.5	GN/VT WH	4376 6106	VI VI	- -
31	0.5	BU/YE	6105	II	-	High Speed GMLAN Serial Data (+) 2	31	0.5	BU/YE	6105	VI	-
32	0.5 0.75	GY/BU YE	7538 712	IV I	- T4A	Left Front DRL Control Left Headlamp Low Beam Control	32	0.75 0.75	GY/BU YE	7538 712	X X	- -
33	0.5 0.75	BU/BN YE	7539 312	IV I	- T4A	Right Front DRL Control Right Headlamp Low Beam Control	33	0.75 0.75	BU/BN YE	7539 312	X X	- -
34	0.35	BN/RD	2700	II	-	A/C Pressure Sensor 5V Reference	34	0.35	BN/RD	2700	VIII	-
35	0.35	BK/BN	5514	II	-	A/C Refrigerant Pressure Sensor Low Reference	35	0.35	BK/BN	5514	VIII	-
36	0.35	GN	380	II	-	A/C Refrigerant Pressure Sensor Signal	36	0.35	GN	380	VIII	-
37	0.5	BN	6305	III	-	Brake Vacuum Switch Signal	37	0.5	BN	6305	VI	-
38	0.5	BU/GY	636	II	-	Outside Ambient Air Temperature Sensor Signal	38	0.35	BU/GY	636	VIII	-
39	0.5	BK/BU	61	II	-	Outside Ambient Temperature Sensor Low Reference	39	0.35	BK/BU	61	VIII	-
40	0.5	WH	1579	III	-	Fuel Temperature/Composition Signal	40	0.5	WH	1579	VI	-

X160 ENGINE HARNESS TO FUEL RAIL HARNESS (LFR)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15326835
- Service Connector: 13580112
- Description: 8-Way F 150 GT Series, Sealed (BK)



Connector Part Information

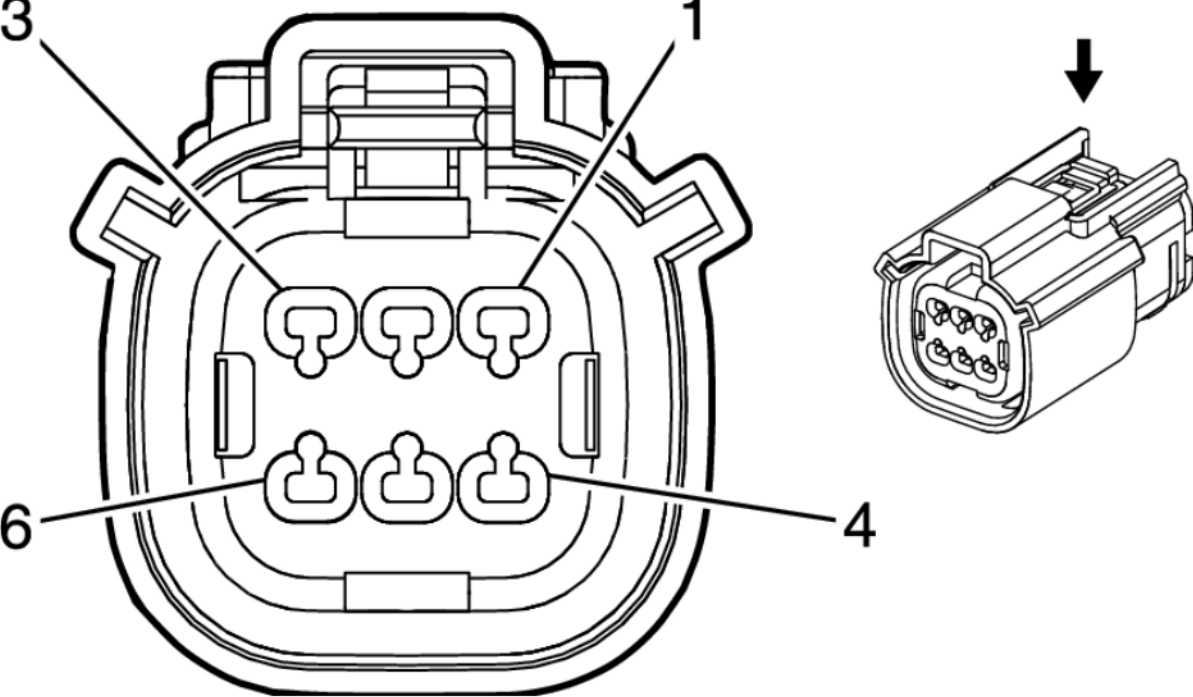
- Harness Type: Fuel Rail
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

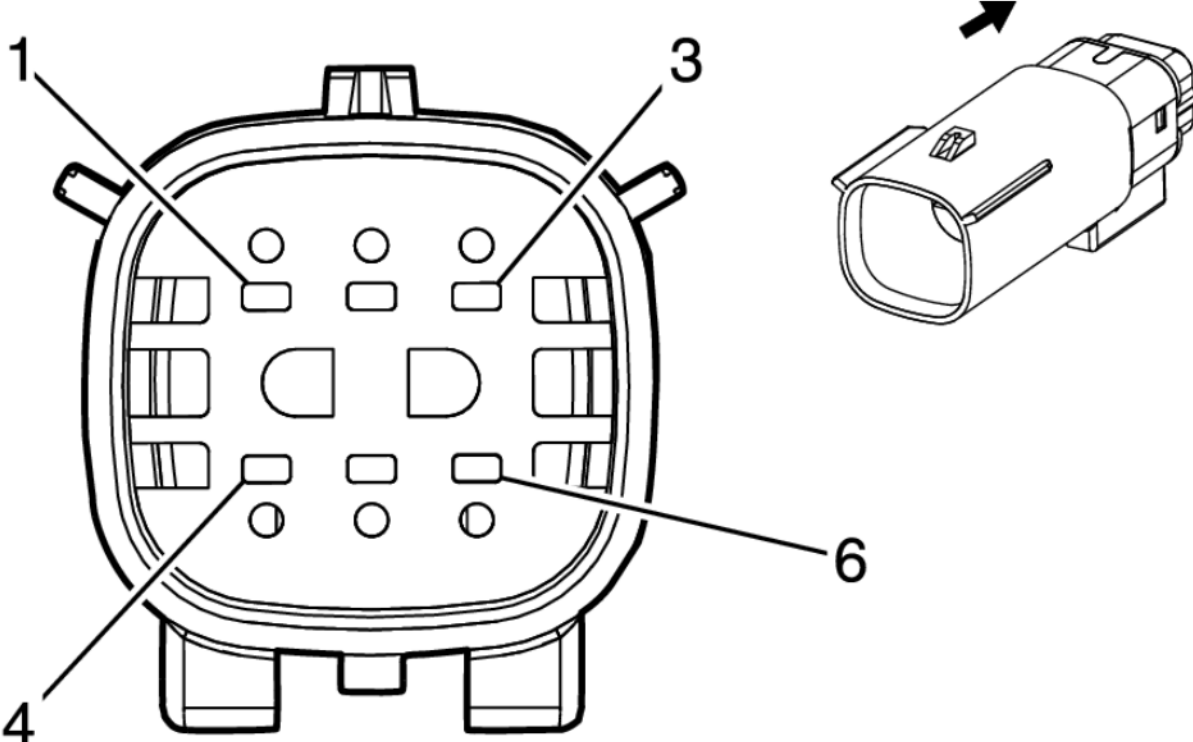
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.75	VT/BU	5291	I	-	Powertrain Main Relay Fused Supply 2	A	0.75	VT/BU	5291	II	-
B	0.75	GN/YE	1744	I	-	Fuel Injector Control 1	B	0.75	GN/YE	1744	II	-
C	0.75	BN/VT	1746	I	-	Fuel Injector Control 3	C	0.75	BN/VT	1746	II	-
D	0.75	BN/GN	845	I	-	Fuel Injector Control 5	D	0.75	BN/GN	845	II	-
E	0.75	VT/BU	5292	I	-	Powertrain Main Relay Fused Supply 3	E	0.75	VT/BU	5292	II	-
F	0.75	YE/WH	1745	I	-	Fuel Injector Control 2	F	0.75	YE/WH	1745	II	-
G	0.75	BN/YE	844	I	-	Fuel Injector Control 4	G	0.75	BN/YE	844	II	-
H	0.75	BN/BU	846	I	-	Fuel Injector Control 6	H	0.75	BN/BU	846	II	-

X160 ENGINE HARNESS TO FUEL RAIL BANK 1 HARNESS (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13609714
- Service Connector: 13585853
- Description: 6-Way F 150 MX Series, Sealed (BK)



Connector Part Information

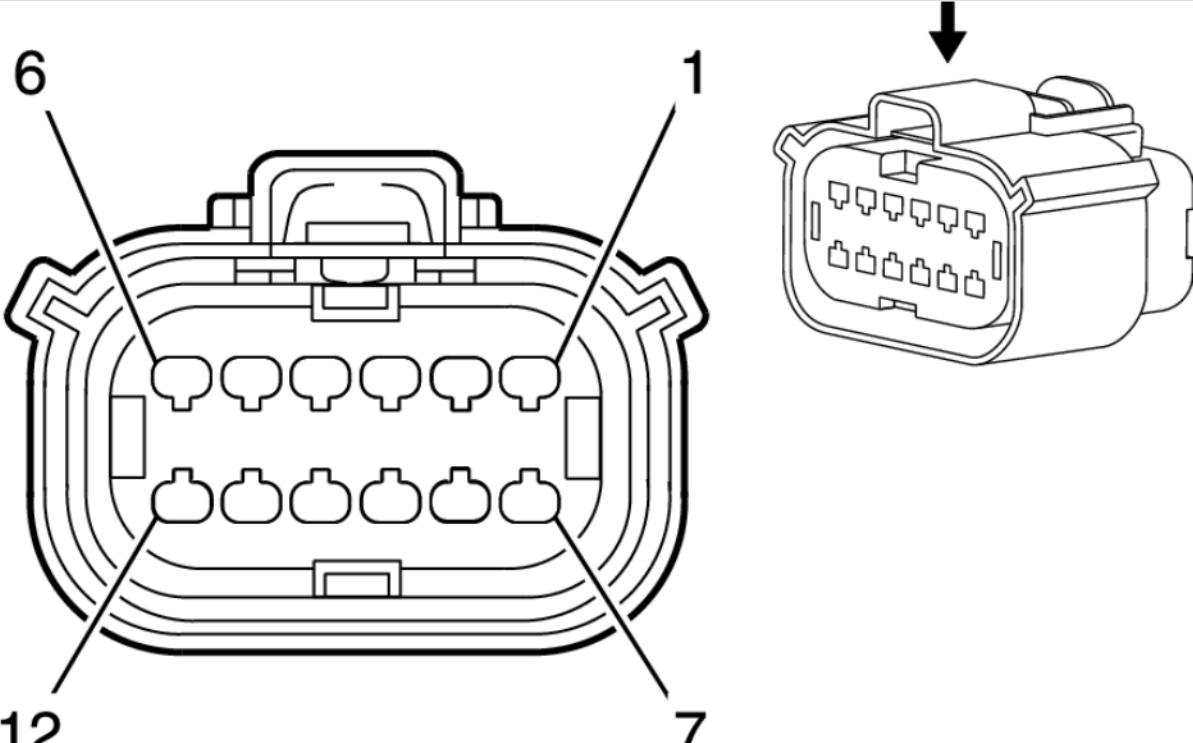
- Harness Type: Fuel Rail
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

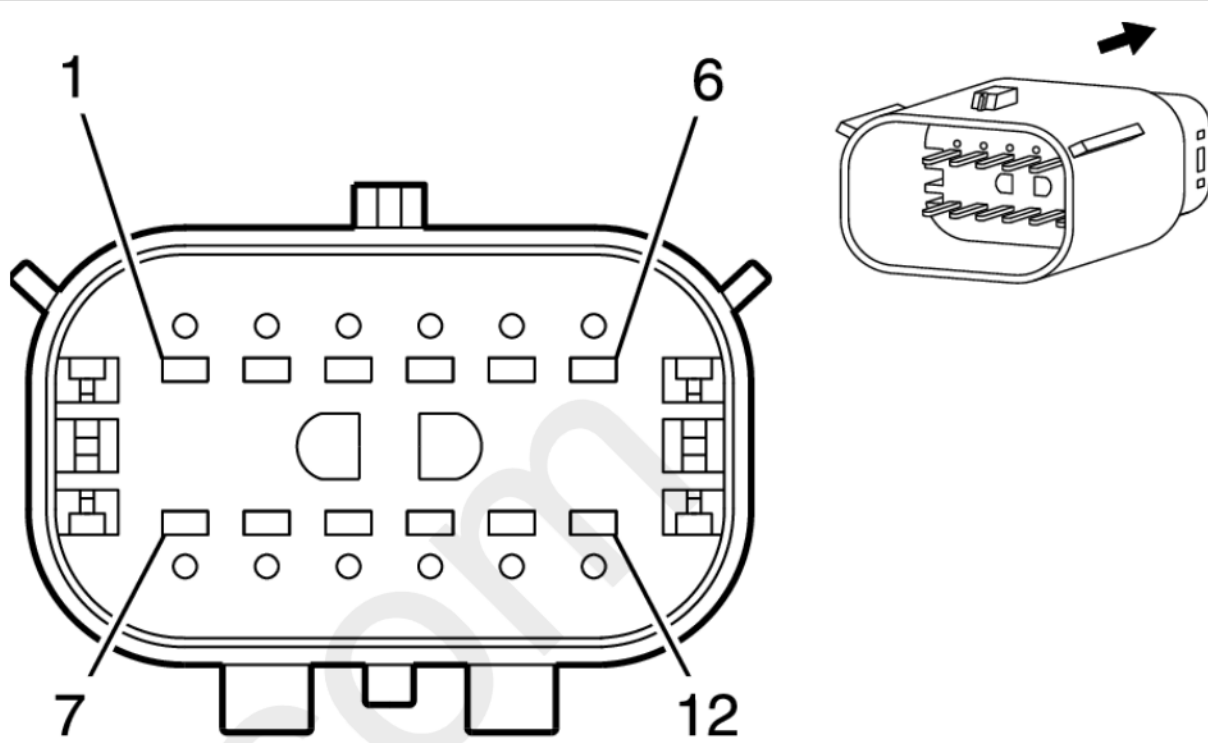
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BN	4801	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	1	0.75	BN	4801	II	-
2	0.75	BN/WH	4901	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	2	0.75	BN/WH	4901	II	-
3	0.75	GN	4803	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	3	0.75	GN	4803	II	-
4	0.75	GN/GY	4903	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	4	0.75	GN/GY	4903	II	-
5	0.75	WH/GN	4805	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	5	0.75	WH/GN	4805	II	-
6	0.75	GN/WH	4905	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	6	0.75	GN/WH	4905	II	-

X160 ENGINE HARNESS TO FUEL RAIL HARNESS (LCV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13595088
- Service Connector: 19150019
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Fuel Rail
- OEM Connector: 33482-1206
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M 150 MX Series, Sealed (BK)

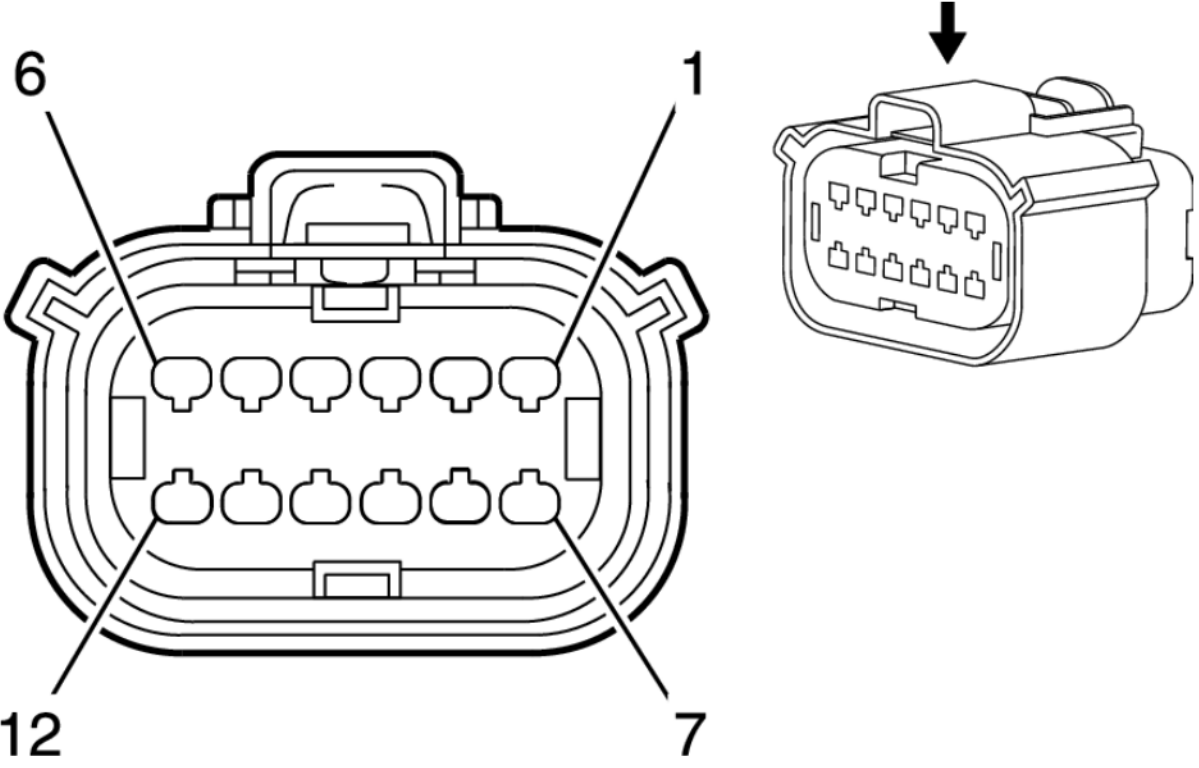
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BN	4801	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	1	0.75	BN	4801	II	-
2	0.75	BU	4802	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	2	0.75	BU	4802	II	-
3	0.75	GN	4803	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	3	0.75	GN	4803	II	-
4	0.75	GY/BU	4804	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	4	0.75	GY/BU	4804	II	-
5	0.5	BK/GN	2919	I	-	Fuel Rail Pressure Sensor Low Reference	5	0.5	BK/GN	2919	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.75	BN/WH	4901	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	7	0.75	BN/WH	4901	II	-
8	0.75	BU/GY	4902	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	8	0.75	BU/GY	4902	II	-
9	0.75	GN/GY	4903	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	9	0.75	GN/GY	4903	II	-
10	0.75	BU/WH	4904	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	10	0.75	BU/WH	4904	II	-
11	0.5	BN/RD	2917	I	-	Fuel Rail Pressure Sensor 5V Reference	11	0.5	BN/RD	2917	II	-
12	0.5	BU/WH	2918	I	-	Fuel Rail Pressure Sensor Signal	12	0.5	BU/WH	2918	II	-

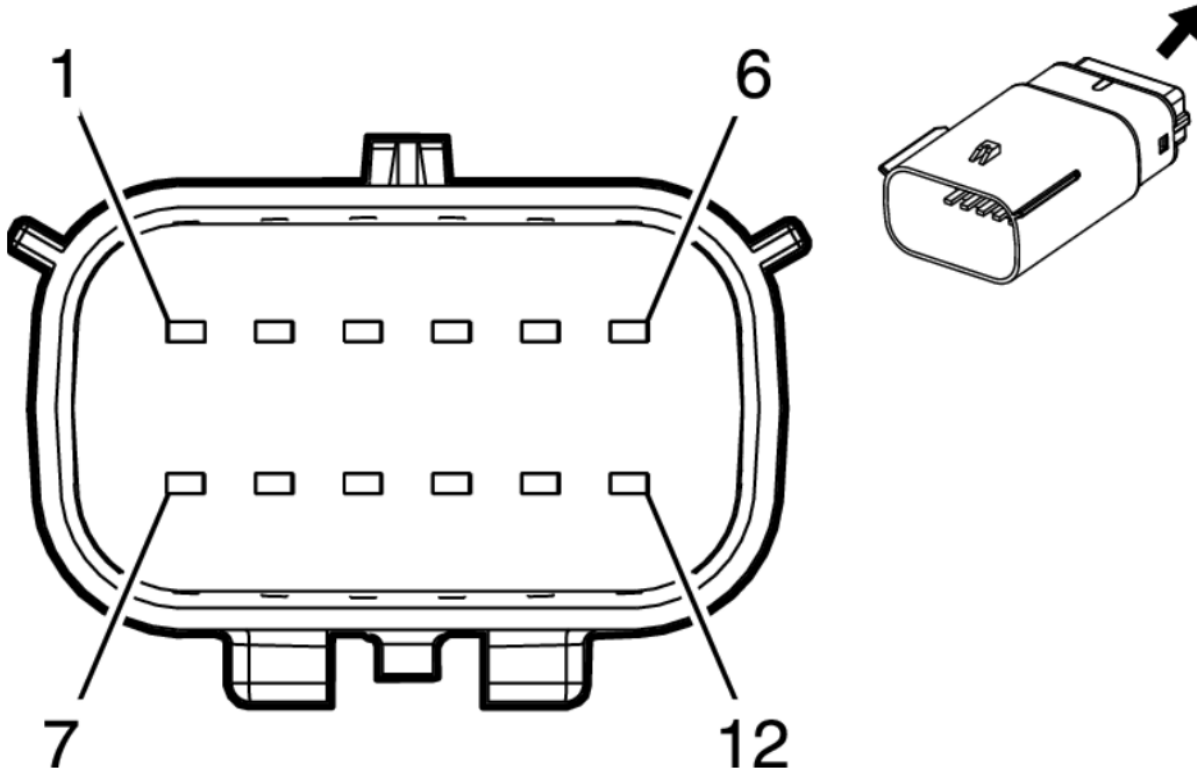
X161 ENGINE HARNESS TO ALTERNATIVE FUEL RAIL HARNESS (LFR)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13653762
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

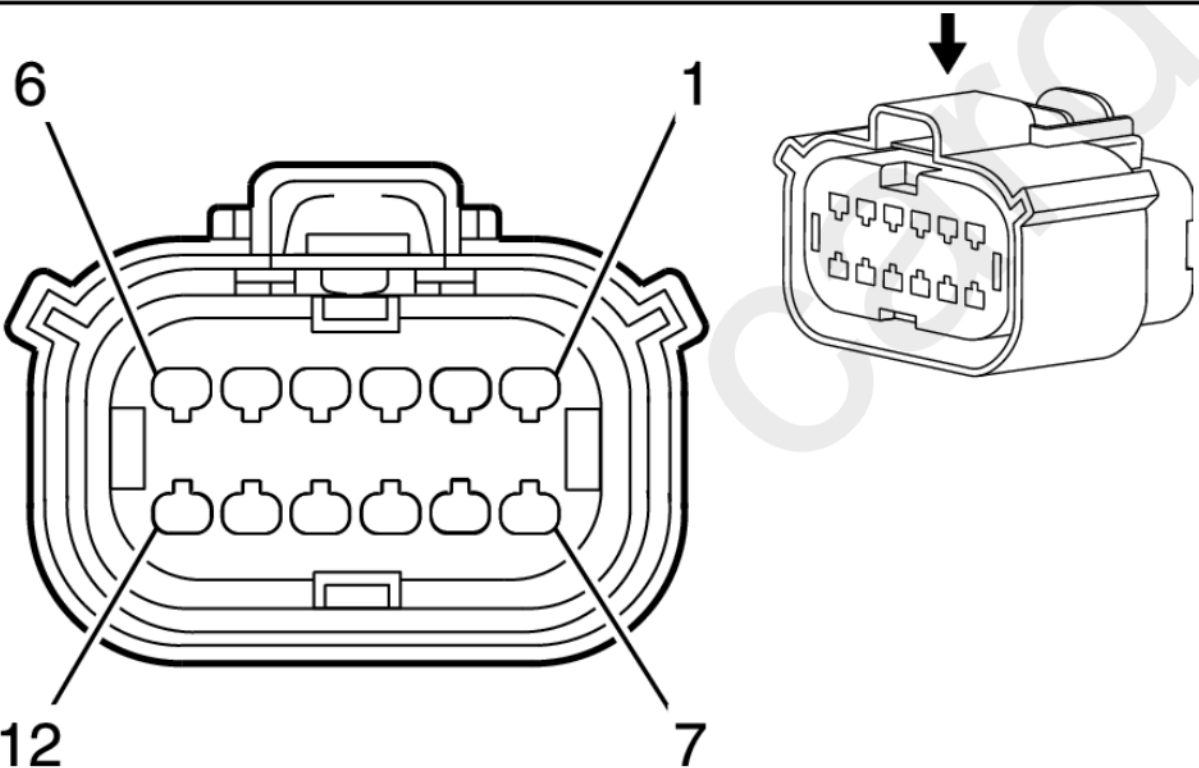
- Harness Type: Fuel Rail Bank 2
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

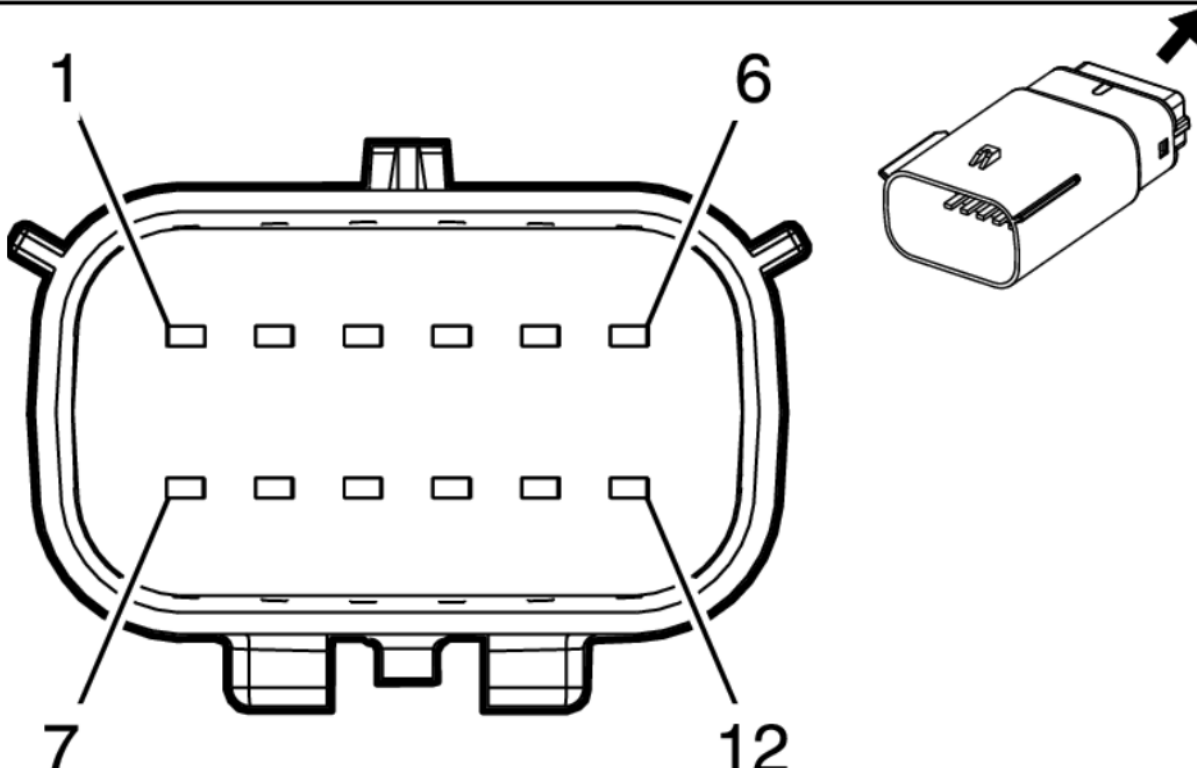
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	VT/BU	5291	I	-	Powertrain Main Relay Fused Supply 2	1	0.75	VT/BU	5291	III	-
2	0.75	WH/BN	5623	I	-	Alternative Fuel Injector Control 1	2	0.75	WH/BN	5623	III	-
3	0.75	VT/BU	5625	I	-	Alternative Fuel Injector Control 3	3	0.75	VT/BU	5625	III	-
4	0.75	GY/GN	5627	I	-	Alternative Fuel Injector Control 5	4	0.75	GY/GN	5627	III	-
5	0.5	WH/RD	1164	II	-	Accelerator Pedal Position 5V Reference 1	5	0.5	WH/RD	1164	III	-
6	0.5	BK/GN	2162	II	-	Fuel Rail Pressure Sensor 2 Low Reference	6	0.5	BK/GN	2162	III	-
7	0.75	VT/BU	5292	I	-	Powertrain Main Relay Fused Supply 3	7	0.75	VT/BU	5292	III	-
8	0.75	YE	5624	I	-	Alternative Fuel Injector Control 2	8	0.75	YE	5624	III	-
9	0.75	BN	5626	I	-	Alternative Fuel Injector Control 4	9	0.75	BN	5626	III	-
10	0.75	YE/BU	5628	I	-	Alternative Fuel Injector Control 6	10	0.75	YE/BU	5628	III	-
11	0.5	BN/YE	2161	II	-	Fuel Rail Pressure Sensor 2 Signal	11	0.5	BN/YE	2161	III	-
12	0.5	BK/BN	2761	II	-	Coolant Temperature Sensor Low Reference	12	0.5	BK/BN	2761	III	-

X161 ENGINE HARNESS TO FUEL RAIL BANK 2 HARNESS (LFX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13609715
- Service Connector: 19178148
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Fuel Rail Bank 2
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-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	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.75	BU	4802	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	2	0.75	BU	4802	III	-
3	0.75	GY/BU	4804	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	3	0.75	GY/BU	4804	III	-
4	0.75	VT/GN	4806	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	4	0.75	VT/GN	4806	III	-
5	0.5	BK/GN	2919	I	-	Fuel Rail Pressure Sensor Low Reference	5	0.5	BK/GN	2919	III	-
6 - 7	-	-	-	-	-	Not Occupied	6 - 7	-	-	-	-	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
8	0.75	BU/GY	4902	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	8	0.75	BU/GY	4902	III	-
9	0.75	BU/WH	4904	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	9	0.75	BU/WH	4904	III	-
10	0.75	VT/GY	4906	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	10	0.75	VT/GY	4906	III	-
11	0.5	BN/RD	2917	II	-	Fuel Rail Pressure Sensor 5V Reference	11	0.5	BN/RD	2917	III	-
12	0.5	BU/WH	2918	I	-	Fuel Rail Pressure Sensor Signal	12	0.5	BU/WH	2918	III	-

X190 FORWARD LAMP HARNESS TO FUEL COMPOSITION SENSOR JUMPER HARNESS

Diagram showing the X190 Forward Lamp Connector. It is a 3-pin connector with terminals labeled A, B, and C. A 3-Way F 150 GT Series, Sealed (BK) connector is shown being inserted into the top of the main connector housing.

Connector Part Information

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

Diagram showing the X190 Fuel Composition Sensor Jumper Connector. It is a 3-pin connector with terminals labeled A, B, and C. A 3-Way M 150 GT Series, Sealed (BK) connector is shown being inserted into the top of the main connector housing.

Connector Part Information

- Harness Type: Fuel Composition Sensor Jumper
- OEM Connector: 15326813
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 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
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.5	VT/BU	5294	I	-	Powertrain Main Relay Fused Supply 5	A	0.5	VT	5294	II	-
B	0.5	BK	1350	I	-	Ground	B	0.5	BK	1350	II	-
C	0.5	WH	1579	I	-	Fuel Temperature/Composition Signal	C	0.5	WH	1579	II	-

X200 WINDSHIELD SENSOR HARNESS TO BODY HARNESS

Diagram showing the X200 Windshield Sensor Connector. It is a 6-pin connector with terminals labeled 1 through 6. A 6-Way F 0.64 Kaizen Series (BK) connector is shown being inserted into the top of the main connector housing.

Connector Part Information

- Harness Type: Windshield Sensor
- OEM Connector: 15269798
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

Diagram showing the X200 Body Connector. It is a 6-pin connector with terminals labeled 1 through 6. A 6-Way M 0.64 Kaizen Series (BK) connector is shown being inserted into the top of the main connector housing.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13770074
- Service Connector: 19299681
- Description: 6-Way M 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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

X202 STEERING WHEEL HARNESS TO STEERING WHEEL SWITCH HARNESS

Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 50 - 57 - 9413
- Service Connector: Service by Harness - See Part Catalog

Connector Part Information

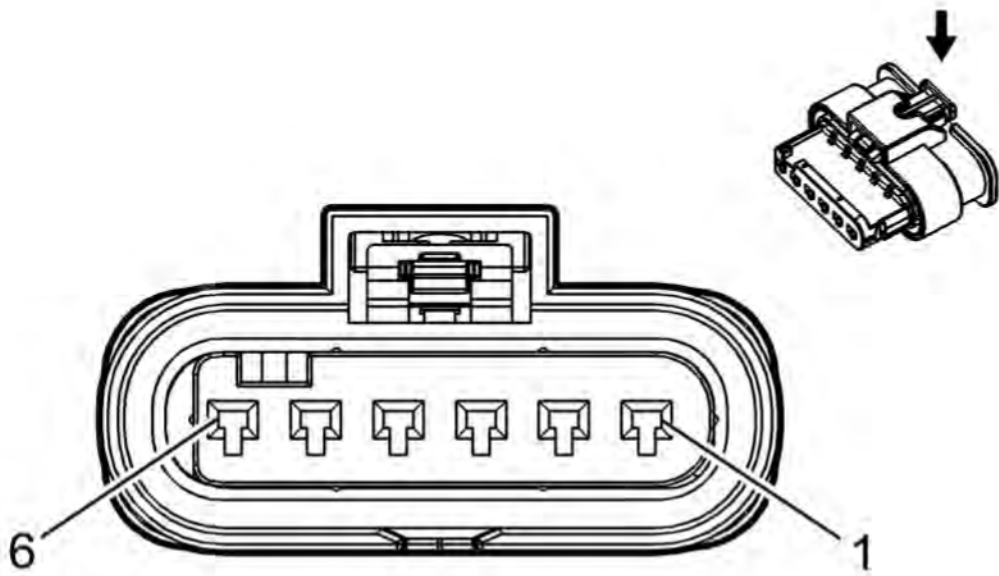
- Harness Type: Steering Wheel Air Bag
- OEM Connector: 70107 - 0047
- Service Connector: Service by Harness - See Part Catalog

Terminal 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
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

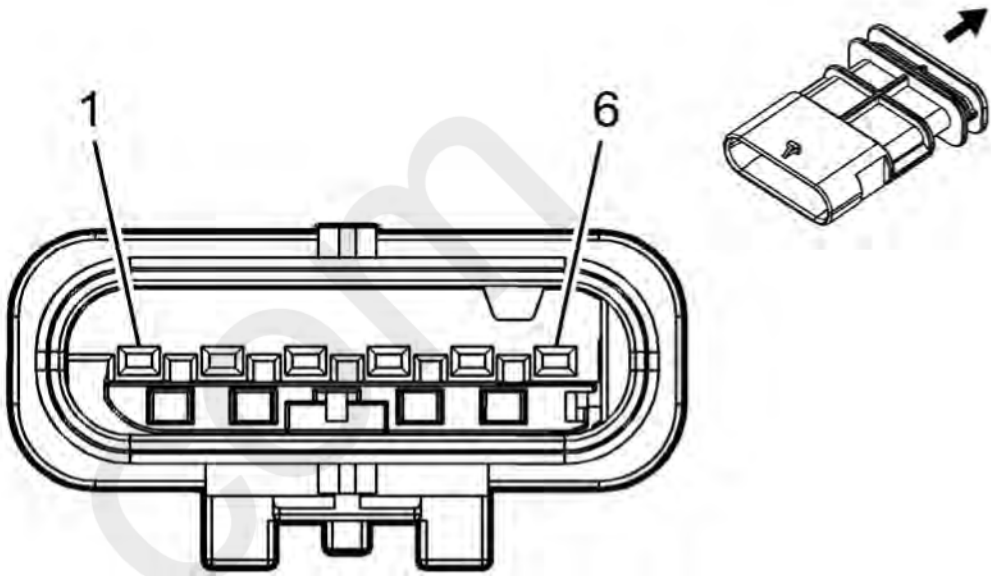
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BK	1550	I	-	Ground	1	0.35	BK	1550	II	-
2	0.35	OG	3894	I	-	Local Interconnect Network Serial Data Bus 12	2	0.35	GN/BK	3894	II	-
3	0.35	BU	5440	I	W1Y	Battery Positive Voltage	3	0.35	BU	5440	II	W1Y
	0.35	RD/WH	5440	I	-W1Y	Battery Positive Voltage		0.35	RD/WH	5440	II	-W1Y
4	0.35	TN	9502	I	-	Radio Volume Up Signal	4	0.35	TN	9502	II	-
5	0.35	BU	9503	I	-	Radio Volume Down Signal	5	0.35	BU	9503	II	-
6	0.35	BN	9500	I	-	Radio Preset Up Signal	6	0.35	BN	9500	II	-
7	0.35	WH	9501	I	-	Radio Preset Down Signal	7	0.35	WH	9501	II	-
8	0.35	PK	5737	I	W1Y	Adaptive Cruise Control Gap Up/Down Switch Signal	8	0.35	PK	5737	II	W1Y
	0.35	GY/GN	5737	I	-W1Y	Adaptive Cruise Control Gap Up/Down Switch Signal		0.35	GY/GN	5737	II	-W1Y
9	0.35	BN/GN	1884	I	-	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	9	0.35	BN/GN	1884	II	-
10	0.35	YE	1444	I	-	12V Reference	10	0.35	YE	1444	II	-
11	0.35	YE	5883	I	-	Heated Steering Wheel Switch Signal	11	0.35	YE	5883	II	-
12	0.35	GN	5884	I	-	Heated Steering Wheel Switch LED Control	12	0.35	GN	5884	II	-
13	0.35	RD	3287	I	-	Horn Switch Signal	13	0.35	RD	3287	II	-

X205 INSTRUMENT PANEL HARNESS TO PASSENGER AIR BAG HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13866749
- Service Connector: 19300377
- Description: 6-Way F 1.2 MCP Series, Sealed (YE)



Connector Part Information

- Harness Type: Passenger Air Bag
- OEM Connector: 13580155
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 1.2 MCP 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	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	YE/OG	3025	I	-	Passenger IP Module Stage 1 High Control	1	0.35	YE/OG	3025	II	-
2	0.35	OG/WH	3024	I	-	Passenger IP Module Stage 1 Low Control	2	0.35	OG/WH	3024	II	-
3	0.35	BK	1550	I	-	Ground	3	0.35	BK	1550	II	-
4	0.35	GY/OG	3027	I	-	Passenger IP Module Stage 2 High Control	4	0.35	GY/OG	3027	II	-
5	0.35	OG/VT	3026	I	-	Passenger IP Module Stage 2 Low Control	5	0.35	OG/VT	3026	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-

2017 ELECTRICAL

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

INLINE HARNESS CONNECTOR END VIEWS

X210 INSTRUMENT PANEL HARNESS TO BODY HARNESS

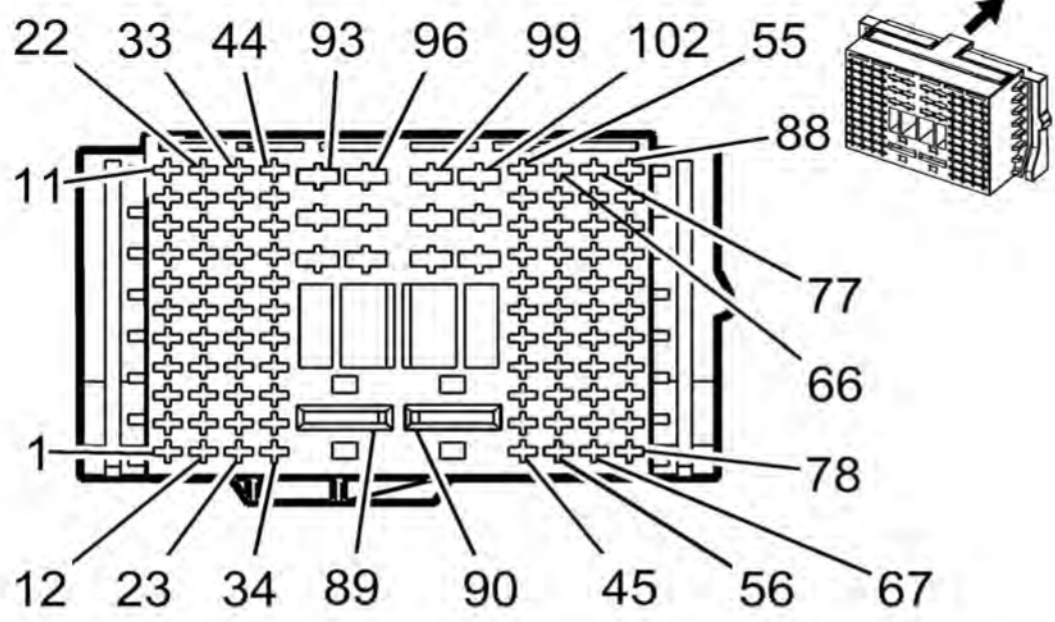


Diagram showing the Instrument Panel Connector End View. The connector is a 102-Way F 1.5, 2.5, 9.5 Series (BK). It features a grid of terminals with various labels: 22, 33, 44, 93, 96, 99, 102, 55, 88, 77, 66, 78, 1, 12, 23, 34, 89, 90, 45, 56, 67. An inset shows the connector's profile with an arrow pointing to the right.

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13548144
- Service Connector: 13574784
- Description: 102-Way F 1.5, 2.5, 9.5 Series (BK)

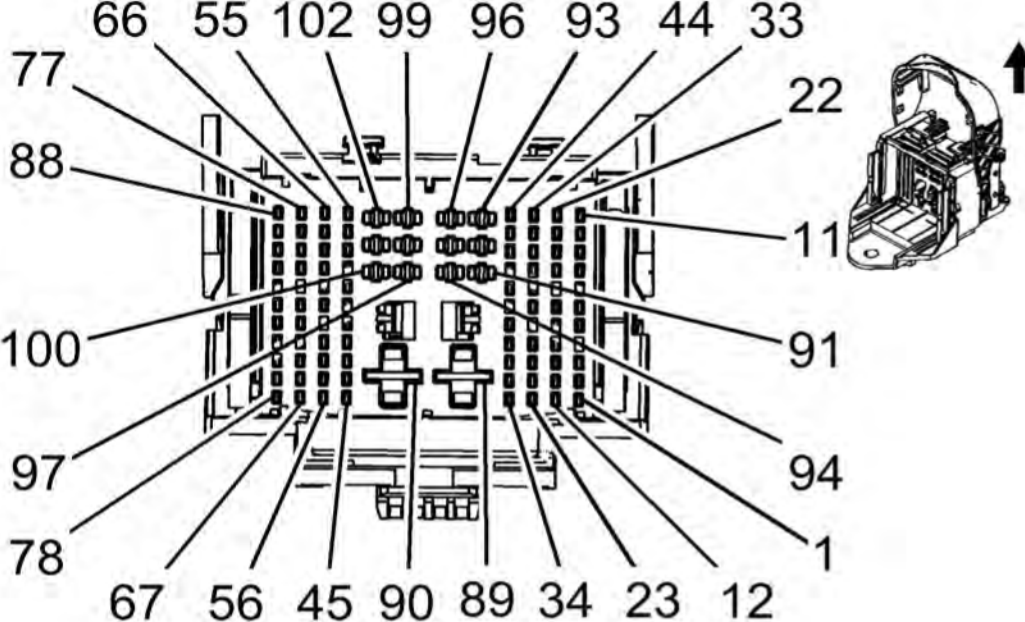


Diagram showing the Body Connector End View. The connector is a 102-Way M 1.6, 2.8, 8.0 Timer Series (BK). It features a grid of terminals with various labels: 66, 55, 102, 99, 96, 93, 44, 33, 77, 88, 22, 11, 91, 100, 97, 94, 78, 67, 56, 45, 90, 89, 34, 23, 12, 1. An inset shows the connector's profile with an arrow pointing to the right.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13969020
- Service Connector: 13588077
- Description: 102-Way M 1.6, 2.8, 8.0 Timer Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575537	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575760	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	1
III	13575780	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	13575781	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	13575860	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	2
VI	13575860	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	C
VII	13575860	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13587366	J-35616-44 (YE)	J-38125-221	Not Available	Not Available	Not Available	Not Available
IX	13575529	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	13575574	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
XI	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
XII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
XIII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
XIV	13587368	J-35616-21 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available
XV	19300434	J-35616-21 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK/BU	1271	I	-	Accelerator Pedal Position Low Reference 1	1	0.35	BK/BU	1271	XI	-
2	0.5	WH/RD	1164	I	-	Accelerator Pedal Position 5V Reference 1	2	0.35	WH/RD	1164	XI	-
3	0.5	YE/WH	1161	I	-	Accelerator Pedal Position Signal 1	3	0.35	YE/WH	1161	XI	-
4	0.5	BK/VT	1272	I	-	Accelerator Pedal Position Low Reference 2	4	0.35	BK/VT	1272	XI	-
5	0.5	BN/RD	1274	I	-	Accelerator Pedal Position 5V Reference 2	5	0.35	BN/RD	1274	XI	-
6	0.5	GN/WH	1162	I	-	Accelerator Pedal Position Signal 2	6	0.35	GN/WH	1162	XI	-
7	0.35	BK/BN	6045	I	-	Steering Angle Sensor Low Reference	7	0.35	BK/BN	6045	XI	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.35	GY/GN	328	I	-	Interior Lamp Defeat Switch Signal	9	0.13	YE	328	XI	-
10	0.35	VT/BU	3263	I	-	Logistic Mode Relay Open Control	10	0.35	VT/BU	3263	XI	-
11	0.35	GY/VT	3264	I	-	Logistic Mode Relay Close Control	11	0.35	GY/VT	3264	XI	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.35	GN/BK	3558	I	-	Passive Start Switch Signal 2	13	0.13	WH	3558	XI	-
14	0.35	WH/VT	5905	I	-	Key Capture/Column Lock Shift Position Signal	14	0.13	WH	5905	XI	-
15	0.35	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	15	0.35	BU/GY	636	XI	-
16	0.35	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	16	0.35	BK/BU	61	XI	-
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.35	VT	185	I	-	Low Washer Fluid Indicator Control	18	0.35	VT	185	XI	-
19	0.35	BN/VT	193	I	-	Rear Defog Relay Control	19	0.35	BN/VT	193	XI	-
20	0.35	VT/BK	3	I	-	Run/Crank Ignition 1 Voltage	20	0.13	VT	3	XI	-
21	0.35	VT/YE	4	I	-	Accessory Ignition Voltage	21	0.13	YE	4	XI	-
22	0.35	GY/BK	3555	I	-	Passive Start Interior Antenna 2 Signal Lo	22	0.35	GY/BK	3555	XI	-
23	0.35	BU	3554	I	-	Passive Start Interior Antenna 2 Signal Hi	23	0.35	BU	3554	XI	-
24	0.5	BN/BK	3552	I	-	Passive Start Interior Antenna 1 Signal Hi	24	0.35	BN/BK	3552	XI	-
25	0.5	WH	3553	I	-	Passive Start Interior Antenna 1 Signal Lo	25	0.35	WH	3553	XI	-
26	0.35	GY/GN	2555	I	-	Rear Park Assist Disable Signal	26	0.35	GY/GN	2555	XI	-
27	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	27	0.35	WH/YE	7557	XI	-
28	0.35	BK/GY	3559	I	-	Passive Start Switch 2 Low Reference	28	0.13	BK	3559	XI	-
29 - 30	-	-	-	-	-	Not Occupied	29 - 30	-	-	-	-	-
31	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	31	0.35	GN	5060	XI	-
32	0.35	WH	3152	I	UFL	Lane Departure Warning Indicator Control	32	0.35	WH	3152	XI	UFL
	0.35	GN	4110	I	-UFL	CNG/Gas Indicator Control		0.35	GN	4110	XI	-UFL

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
33	0.35 0.35	GY/WH BU	3153 4111	I I	UFL -UFL	Lane Departure Warning Disable Switch Signal Alternative Fuel/Gas Switch Signal	33	0.35 0.35	GY/WH BU	3153 4111	XI XI	UFL -UFL
34	0.35	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	34	0.35	GN/WH	7530	XI	-
35	0.5	RD/BU	4540	I	-	Battery Positive Voltage Battery Positive Voltage	35	0.75 0.5	RD/BU RD/BU	4540 4540	XIII XII	LVM UE1
36	-	-	-	-	-	Not Occupied	36	-	-	-	-	-
37	0.35	BU/VT	1134	I	-	Park Brake Switch Signal	37	0.35	BU/VT	1134	XI	-
38	0.35	YE	1492	I	-	Park Brake Switch Supply Voltage	38	0.35	YE	1492	XI	-
39	0.35	GY/VT	755	I	-	RAP Relay Coil Control	39	0.13	GY	755	XI	-
40	0.35	RD/GN	4440	I	-	Battery Positive Voltage	40	0.35	RD/GN	4440	XI	-
41	0.5	RD/GN	3840	I	-	Battery Positive Voltage	41	0.75	RD/GN	3840	XIII	-
42	0.35	GY/GN	1102	I	-	Low Speed GMLAN Serial Data #2	42	0.75	GY/GN	1102	XIII	-
43	0.35	GY/GN	1102	I	-	Low Speed GMLAN Serial Data #2	43	0.35	GY/GN	1102	XI	-
44	0.35	GY/GN	1102	I	-	Low Speed GMLAN Serial Data #2	44	0.35	GY/GN	1102	XI	-
45	0.35	GY	3998	I	-	MOST Serial Data (+)	45	0.35	GY/VT	3998	XI	-
46	0.35	WH/BU	3997	I	-	MOST Serial Data (-)	46	0.35	WH/GN	3997	XI	-
47	-	-	-	-	-	Not Occupied	47	-	-	-	-	-
48	0.35	GN/BN	5852	I	-	Rear Park Assist LED Disable Signal	48	0.35	GN/BN	5852	XI	-
49	0.35	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	49	0.5	BU	2500	XII	-
50	0.35	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	50	0.5	WH	2501	XII	-
51	0.5	WH/BU	5986	I	-	Serial Data Communication Enable	51	0.35	WH/BU	5986	XI	-
52	0.5	VT/BK	1239	I	-	Run/Crank Ignition 1 Voltage	52	0.5	VT/BK	1239	XII	-
53	-	-	-	-	-	Not Occupied	53	-	-	-	-	-
54	0.35	VT/WH	5234	I	-	Passenger Seat Belt Indicator Control	54	0.13	VT	5234	XI	-
55	-	-	-	-	-	Not Occupied	55	-	-	-	-	-
56	0.5	WH/RD	5381	II	-	Brake Position Sensor 5V Reference	56	0.35	WH/RD	5381	XI	-
57	0.5	BK/YE	5382	II	-	Brake Position Sensor Low Reference	57	0.35	BK/YE	5382	XI	-
58	0.5	WH/GN	5380	II	-	Brake Position Sensor Signal	58	0.35	WH/GN	5380	XI	-
59	0.35	BU	2307	I	-	Passenger Air Bag On Indicator Control	59	0.13	BU	2307	XI	-
60	0.35	GN	2308	I	-	Passenger Air Bag Off Indicator Control	60	0.13	GN	2308	XI	-
61	0.35	BN	6107	I	-	Park Brake Apply Switch Signal	61	0.35	BN	6107	XI	-
62	0.35	BU/BK	6108	I	-	Park Brake Release Switch Signal	62	0.35	BU/BK	6108	XI	-
63	0.35	GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	63	0.35	GN/GY	6135	XI	-
64	0.5	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	64	0.35	GN/BU	6133	XI	-
65	0.35	GY/BU	7564	I	-	Humidity Sensor Signal	65	0.35	GY/BU	7564	XI	-
66	0.35	BU/GN	7574	I	-	Electric Variable Displacement Control	66	0.35	BU/GN	7574	XI	-
67	0.35	BU	7573	I	-	Electric Variable Displacement Supply	67	0.35	BU	7573	XI	-
68	-	-	-	-	-	Not Occupied	68	-	-	-	-	-
69	0.35	VT/GY	139	I	-	Run/Crank Ignition 1 Voltage	69	0.5	VT/GY	139	XII	-
70	0.35	GY/YE	3272	I	-	Remote Function Actuator Control	70	0.35	GY/WH	3272	XI	-
71	0.35	BU/WH	3275	I	-	Remote Function Actuator Receive Signal	71	0.13	BU	3275	XI	-
72	0.35	YE/GN	3274	I	-	Remote Function Actuator Transmit Signal	72	0.13	YE	3274	XI	-
73	0.35	BN/WH	419	I	-	Check Engine Indicator Control	73	0.35	BN/WH	419	XI	-
74	0.35	YE/WH	816	I	-	Brake Transmission Shift Interlock Solenoid Control	74	0.35	YE/WH	816	XI	-
75	0.35	GY	3273	I	-	Remote Function Actuator Low Reference	75	0.35	GY	3273	XI	-
76	0.35	YE/BU	3197	I	-	Humidity Temperature Sensor Signal	76	0.35	YE/BU	3197	XI	-
77	0.35	GY/GN	7565	I	-	Windscreen Temp Sensor Signal	77	0.35	GY/GN	7565	XI	-
78 - 79	-	-	-	-	-	Not Occupied	78 - 79	-	-	-	-	-
80	0.35	GY/RD	7684	I	-	Park Brake Apply Switch Voltage Reference	80	0.35	GY/RD	7684	XI	-
81	0.35	YE/RD	7683	I	-	Park Brake Release Switch Voltage Reference	81	0.35	YE/RD	7683	XI	-
82	0.35	BU/GN	1304	I	-	High Speed GMLAN Serial Data (+) 9	82	0.35	BU/GN	1304	XI	-
83	0.35	WH/GN	1305	I	-	High Speed GMLAN Serial Data (-) 9	83	0.35	WH/GN	1305	XI	-
84	0.35	YE/RD	597	I	-	5V Reference	84	0.35	YE/RD	597	XI	-
85	0.35	BK/BU	7566	I	-	Humidity/Windscreen Temp Sensor Low Reference	85	0.35	BK/BU	7566	XI	-
86	-	-	-	-	-	Not Occupied	86	-	-	-	-	-
87	0.75	RD/YE	1442	II	-	Battery Positive Voltage	87	0.75	RD/YE	1442	XIII	-
88	0.75	RD/GY	1342	II	-	Battery Positive Voltage	88	0.75	RD/GY	1342	XIII	-
89	6	RD/BU	42	VIII	-	Battery Positive Voltage	89	6	RD/BU	42	XIV	-
90	6	RD/WH	1642	VIII	-	Battery Positive Voltage	90	6	RD/WH	1642	XV	-
91	0.5	GY	157	VI	-	Interior Lamp Control	91	0.35	GY	157	IX	-
92	0.5	BU/YE	6105	VI	-	High Speed GMLAN Serial Data (+) 2	92	0.5	BU/YE	6105	IX	-
93	0.5	WH	6106	VI	-	High Speed GMLAN Serial Data (-) 2	93	0.5	WH	6106	IX	-
94	1.5	RD/YE	5040	IV	-	Battery Positive Voltage	94	1.5	RD/YE	5040	X	-
95	0.5 0.35	VT/GY VT/GY	539 539	III V	UEU -UEU	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	95	0.5	VT/GY	539	IX	-
96	0.35	WH/BN	6815	III	-	Inadvertent Power Control Inadvertent Power Control	96	0.5 0.35	WH/BN WH/BN	6815 6815	X	- -
97	1.5	RD/BN	1440	IV	-	Battery Positive Voltage	97	1.5	RD/BN	1440	X	-
98	1.5	RD/BU	1542	VII	-	Battery Positive Voltage	98	1.5	RD/BU	1542	X	-
99	-	-	-	-	-	Not Occupied	99	-	-	-	-	-
100	0.35 0.5	WH/BU WH/BU	5986 5986	V VI	- -	Serial Data Communication Enable Serial Data Communication Enable	100	0.35	WH/BU	5986	IX	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
101	0.75	YE/GY	1956	III	-	Left Front Tweeter Speaker (-) Low Reference	101	1 0.75	YE/GY YE/GY	1956 1956	X X	-HP6 UQS
102	0.75	YE/BU	1856	VII	-	Left Front Tweeter Speaker Control (+) Left Front Tweeter Speaker Control (+)	102	1 0.75	YE/BU YE/BU	1856 1856	X X	-HP6 UQS

X213 INSTRUMENT PANEL HARNESS TO HVAC HARNESS

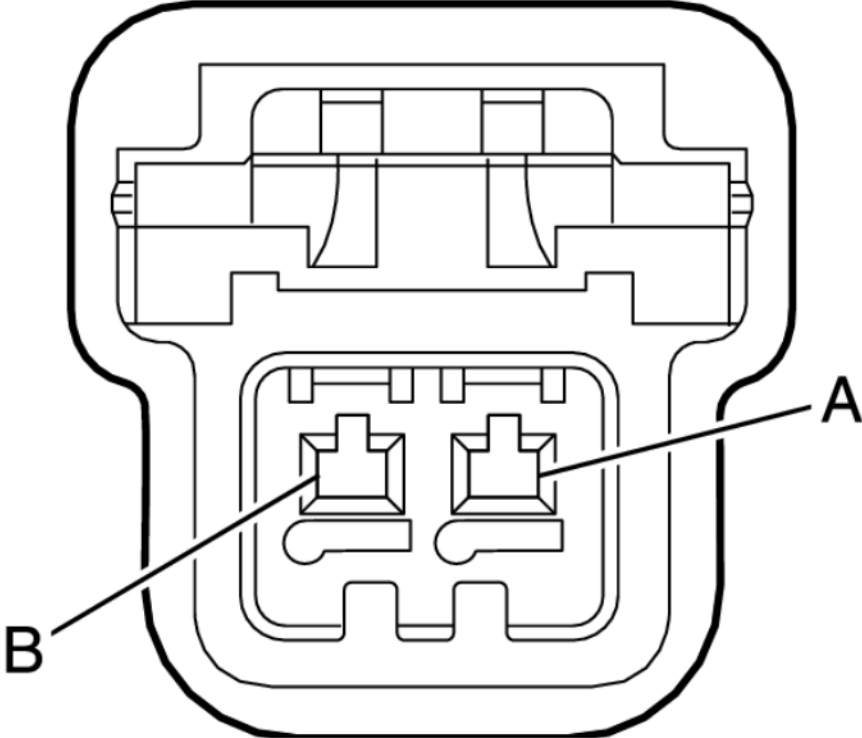


Diagram showing the Instrument Panel Connector with terminals A and B. An inset shows the connector being plugged into the harness.

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13668003
- Service Connector: 13587145
- Description: 2-Way F 150 GT FBT Series (BK)

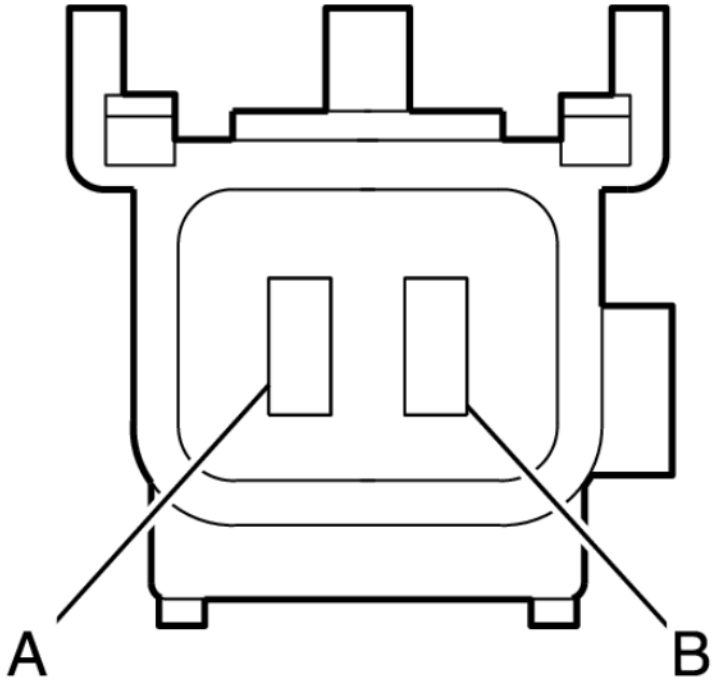


Diagram showing the HVAC Connector with terminals A and B. An inset shows the connector being plugged into the harness.

Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15332130
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 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-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	-	-	-	-	-	Not Occupied	A	-	-	-	-	-
B	0.75	BN	518	I	-	Lower Left Air Temperature Sensor Signal	B	0.75	BN	518	II	-

X214 ACCENT LAMP HARNESS TO INSTRUMENT PANEL HARNESS

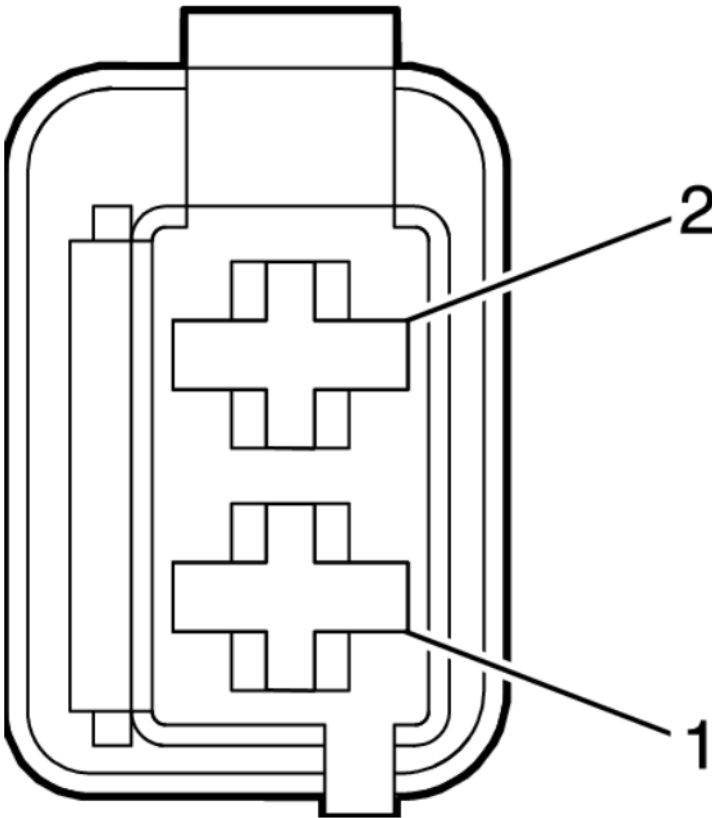


Diagram showing the Accent Lamp Connector with terminals 1 and 2. An inset shows the connector being plugged into the harness.

Connector Part Information

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

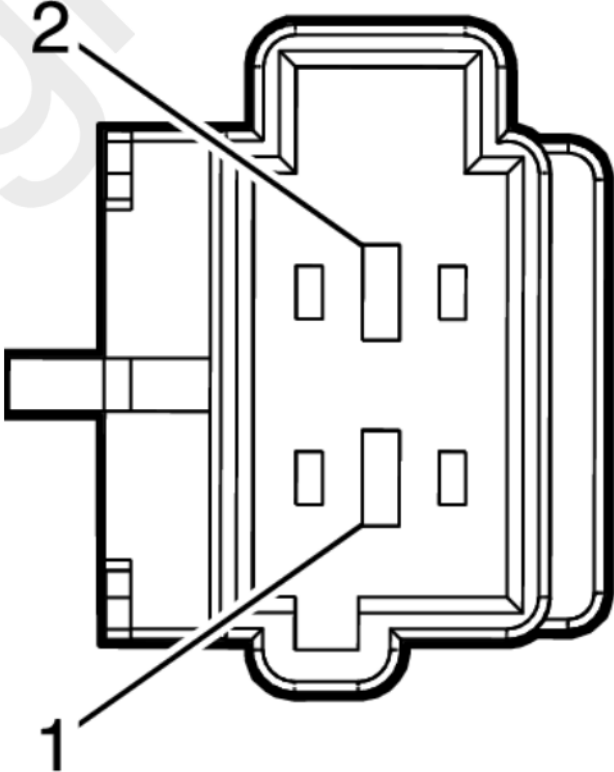


Diagram showing the Instrument Panel Connector with terminals 1 and 2. An inset shows the connector being plugged into the harness.

Connector Part Information

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

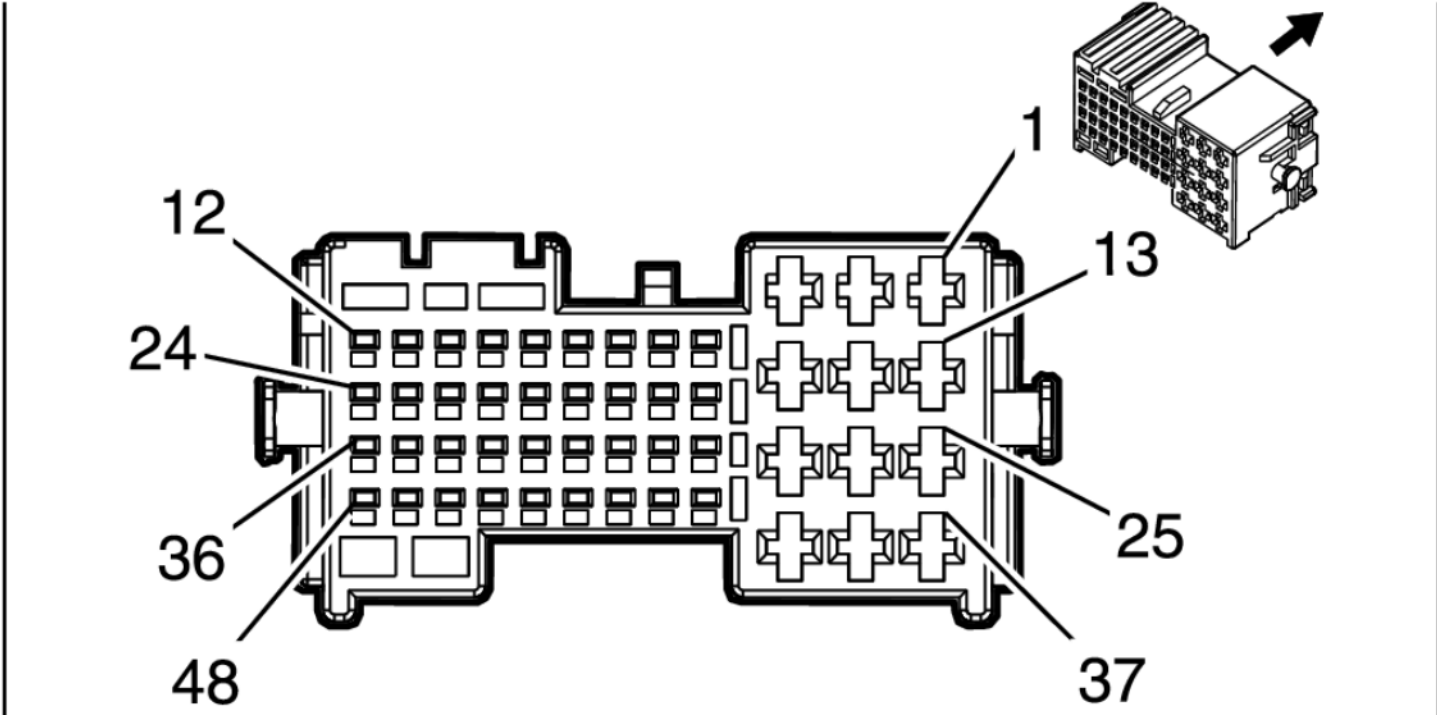
Terminal Part Information

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

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

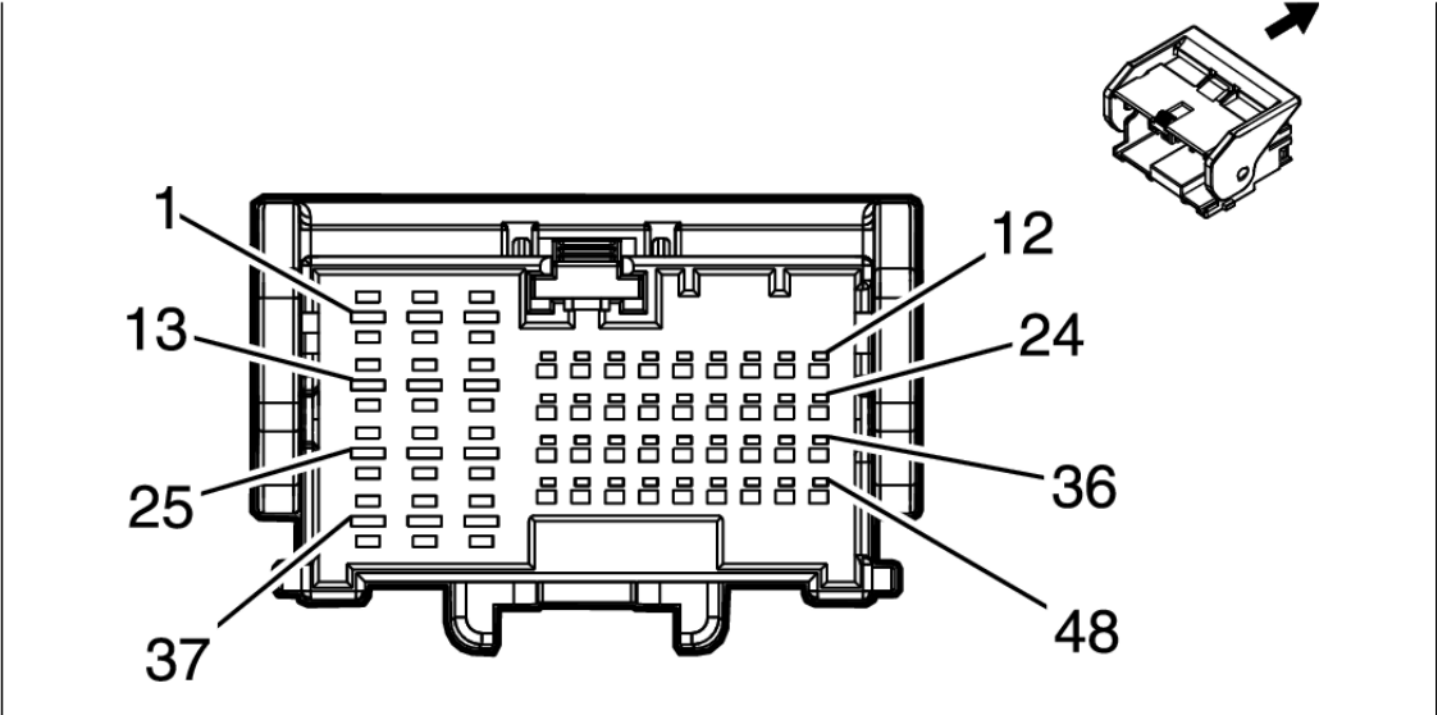
X220 INSTRUMENT PANEL HARNESS TO BODY HARNESS

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13889713
- Service Connector: 19329739
- Description: 48-Way F 1.2 MCON, 2.8 MCP Series



Connector Part Information

- Harness Type: Body
- OEM Connector: 15512031
- Service Connector: 19329740
- Description: 48-Way M 1.2 MCON, 2.8 MCP Series (BK)

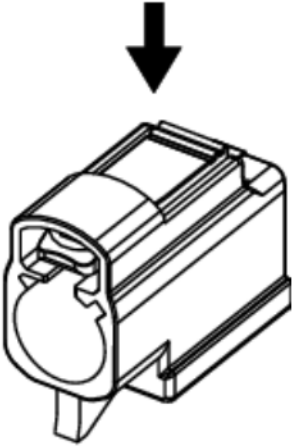
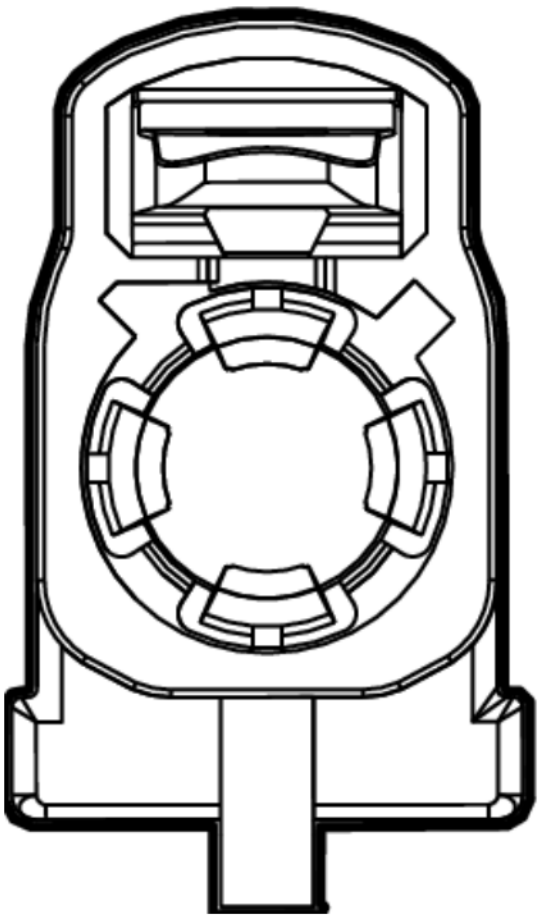
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119592	J-35616-35 (VT)	J-38125-557	Not Available	Not Available	Not Available	Not Available
II	19329758	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	13575529	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	19329749	J-35616-13 (BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 3	-	-	-	-	-	Not Occupied	1 - 3	-	-	-	-	-
4	0.35	VT/WH	5843	II	-	Auxiliary Audio Common Signal	4	0.35	VT/WH	5843	IV	-
5	0.35	GY/WH	5839	II	-	Left Auxiliary Audio Signal 2	5	0.35	GY/WH	5839	IV	-
6	0.35	GN/WH	5841	II	-	Right Auxiliary Audio Signal 2	6	0.35	GN/WH	5841	IV	-
7 - 8	-	-	-	-	-	Not Occupied	7 - 8	-	-	-	-	-
9	0.35	GN/YE	7066	II	-	Entertainment Remote Enable Signal	9	0.35	GN/YE	7066	IV	-
10	0.35	GN/WH	6764	II	-	Display Control	10	0.35	GN/WH	6764	IV	-
11	0.75	BN/GN	1852	II	-	Right Front Tweeter Speaker Control (+) Right Front Tweeter Speaker Control (+)	11	1 0.75	BN/GN BN/GN	1852 1852	IV IV	HP6 UQS
12	0.75	VT/BN	1952	II	-	Right Front Tweeter Speaker (-) Low Reference Right Front Tweeter Speaker (-) Low Reference	12	1 0.75	VT/BN VT/BN	1952 1952	IV IV	HP6 UQS
13	0.35	BU/GN	1304	I	-	High Speed GMLAN Serial Data (+) 9 High Speed GMLAN Serial Data (+) 9	13	0.5 0.35	BU/GN BU/GN	1304 1304	III III	-UE1 UE1
14	0.35	WH/GN	1305	I	-	High Speed GMLAN Serial Data (-) 9	14	0.35	WH/GN	1305	III	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	0.35	BARE	5842	II	-	Auxiliary Audio Screen 2	16	0.35	BARE	5842	IV	-
17	0.35	BARE	1782	II	-	Low Reference	17	0.35	BARE	1782	IV	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35 0.35	GY/YE BU	5149 655	II II	IO5/IO6+UE1 IO5/IO6-UE1/LVM	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	19	0.35 0.35	GY/YE BU	5149 655	IV IV	IO5/IO6+UE1 IO5/IO6-UE1/LVM
20	0.35 0.35	BK/GY BK/BN	5152 654	II II	IO5/IO6+UE1 IO5/IO6-UE1/LVM	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	20	0.35 0.35	BK/GY BK/BN	5152 654	IV IV	IO5/IO6+UE1 IO5/IO6-UE1/LVM
21	0.35	YE/WH	7001	II	-	Remote Radio Audio Ground	21	0.35	YE/WH	7001	IV	-
22	0.35	BARE	6974	II	-	Camera Low Reference	22	0.5	BARE	6974	IV	-
23 - 27	-	-	-	-	-	Not Occupied	23 - 27	-	-	-	-	-
28	0.35	BARE	5842	II	-	Auxiliary Audio Screen 2	28	0.35	BARE	5842	IV	-
29	0.35	YE	658	II	-	Cellular Telephone Voice Signal	29	0.35	YE	658	IV	-
30	0.35	BK/YE	659	II	-	Cellular Telephone Voice Low Reference	30	0.35	BK/YE	659	IV	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.35	BARE	1792	II	-	Low Reference	32	0.35	BARE	1792	IV	-
33	0.35	GN/BU	7532	II	-	Local Interconnect Network Serial Data Bus 10	33	0.35	GN/BU	7532	IV	-
34	0.35	WH/BU	6973	II	-	Camera Signal 2	34	0.5	WH/BU	6973	IV	-
35	0.35	GY/YE	6972	II	-	Camera Signal 2 +	35	0.5	GY/YE	6972	IV	-
36 - 39	-	-	-	-	-	Not Occupied	36 - 39	-	-	-	-	-
40	0.35	VT	5843	II	-	Auxiliary Audio Common Signal	40	0.35	VT	5843	IV	-
41	0.35	GY	5839	II	-	Left Auxiliary Audio Signal 2	41	0.35	GY	5839	IV	-
42	0.35	GN	5841	II	-	Right Auxiliary Audio Signal 2	42	0.35	GN	5841	IV	-
43	0.35	GY	3998	II	-	MOST Serial Data (+)	43	0.5	GY/VT	3998	IV	-
44	0.35	WH/BU	3997	II	-	MOST Serial Data (-)	44	0.5	WH/GN	3997	IV	-
45	0.35	WH/VT	3999	II	-	MOST Control	45	0.35	WH/VT	3999	IV	-
46	0.35	GN/WH	7527	II	-	Local Interconnect Network Serial Data Bus 5	46	0.35	GN/RD	7527	IV	-
47	0.75	BU/YE	1960	II	-	Front Center Speaker (-) Low Reference	47	0.75	BU/YE	1960	IV	-
48	0.75	YE/WH	1860	II	-	Front Center Speaker Control (+)	48	0.75	YE/WH	1860	IV	-

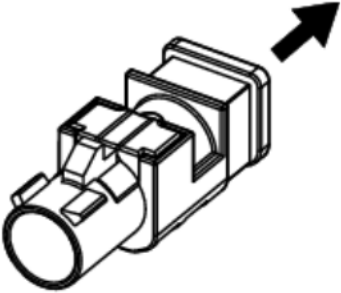
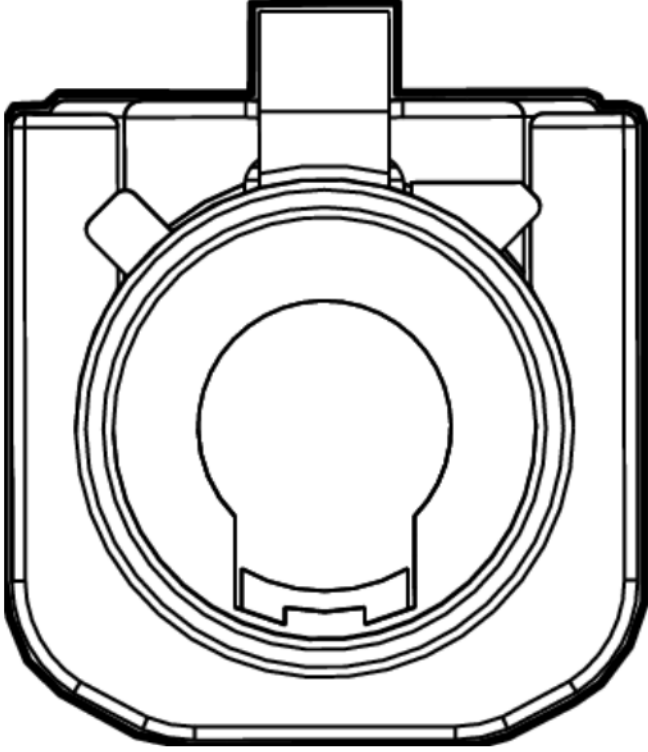
X221 BODY HARNESS TO INSTRUMENT PANEL HARNESS

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Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13746734
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)



Connector Part Information

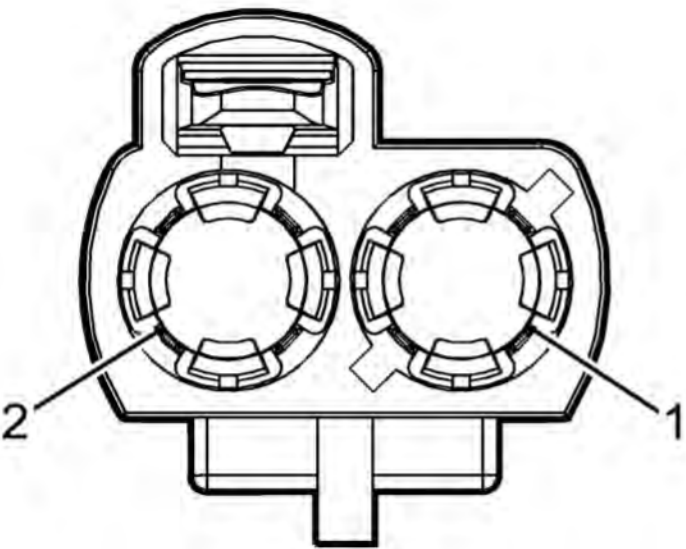
- Harness Type: Instrument Panel COAX
- OEM Connector: 13745956
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (BK)

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

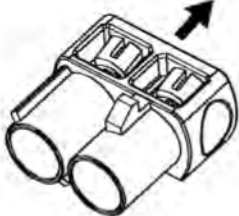
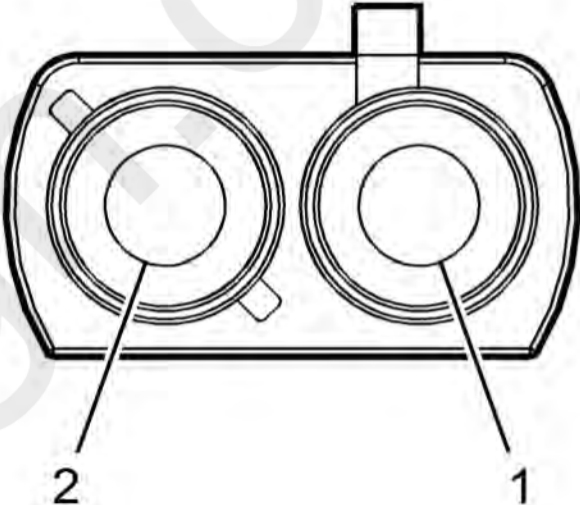
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	Coax	-	I	-	(AM/FM) Antenna RF Signal	-	-	Coax	-	I	-

X222 BODY HARNESS COAX TO INSTRUMENT PANEL HARNESS COAX (IO6 WITH U2K OR U2M)



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13689605
- Service Connector: Service by Cable - See Part Catalog
- Description: 2-Way F Coax (BU)



Connector Part Information

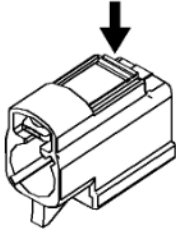
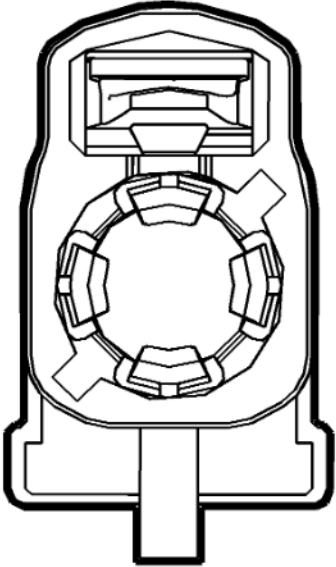
- Harness Type: Instrument Panel COAX
- OEM Connector: 13689668
- Service Connector: Service by Cable - See Part Catalog
- Description: 2-Way M Coax (BU)

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

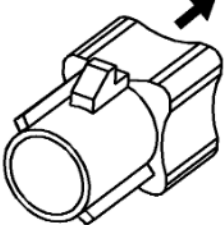
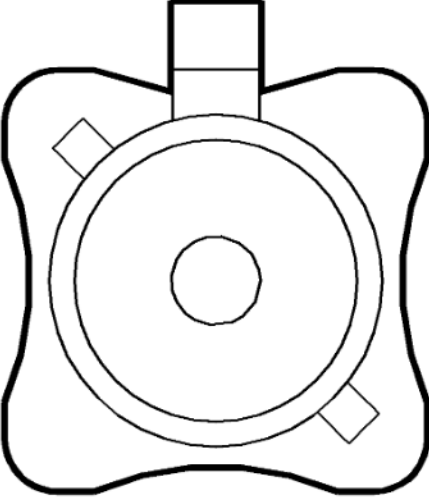
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	COAX	-	I	-	Coaxial Antenna GPS Signal	1	-	COAX	-	I	-
2	-	COAX	-	I	-	Coaxial Antenna XM Signal	2	-	COAX	-	I	-

X222 BODY HARNESS COAX TO INSTRUMENT PANEL HARNESS COAX (IO6 WITHOUT U2K OR U2M)



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 12784302
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F COAX (BU)



Connector Part Information

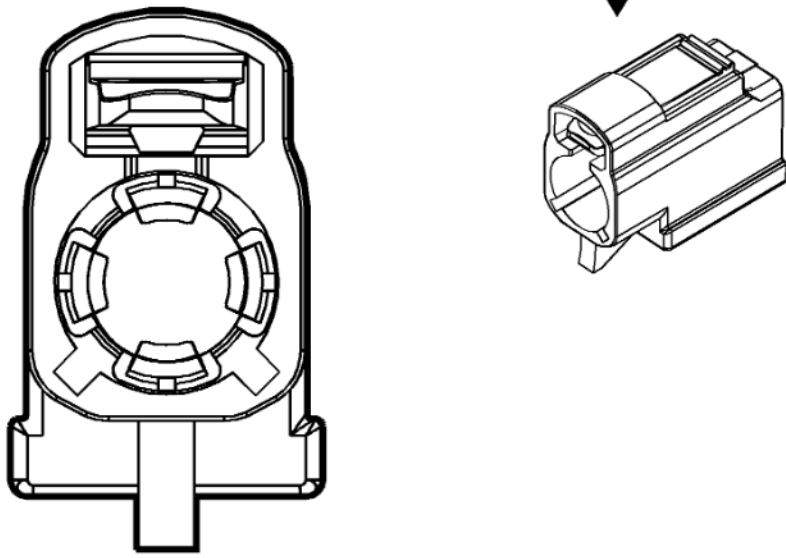
- Harness Type: Instrument Panel COAX
- OEM Connector: 13828102
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M COAX (BU)

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

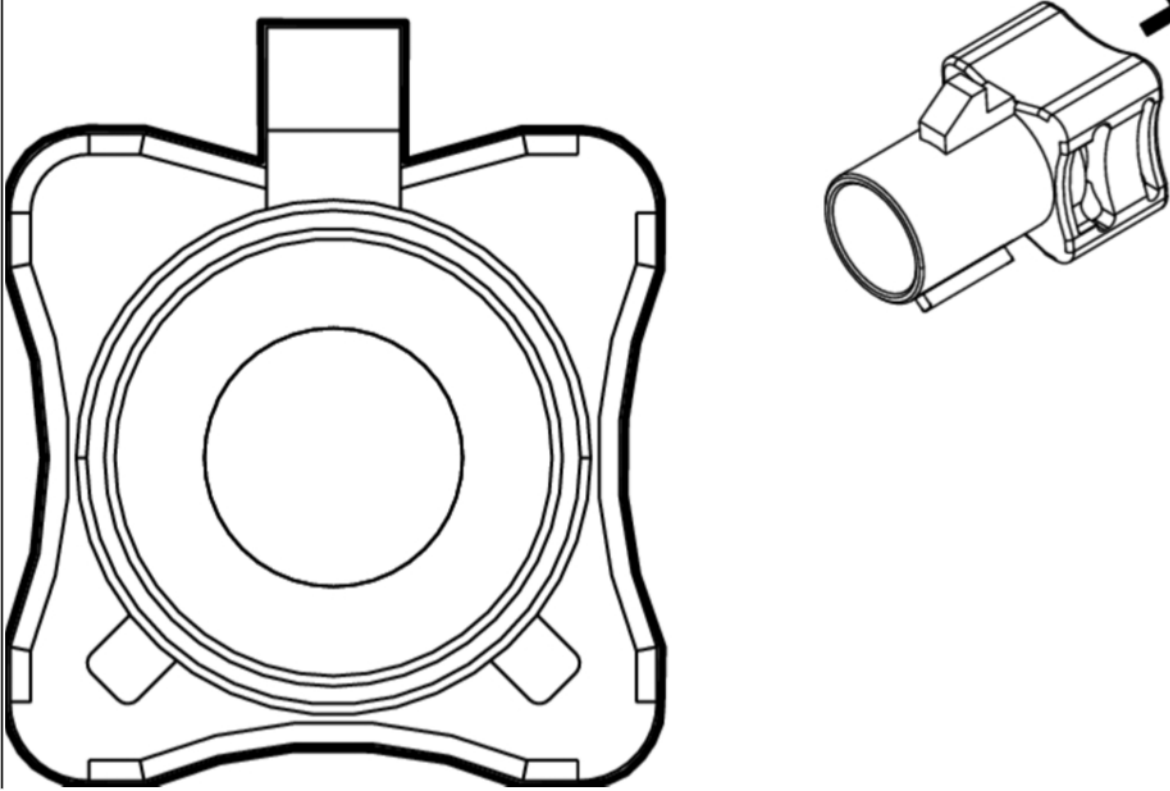
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	COAX	-	I	-	Coaxial Antenna GPS Signal	-	-	COAX	-	I	-

X222 BODY HARNESS COAX TO INSTRUMENT PANEL HARNESS COAX (U2K OR U2M WITHOUT IO6)



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 12784304
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (YE)



Connector Part Information

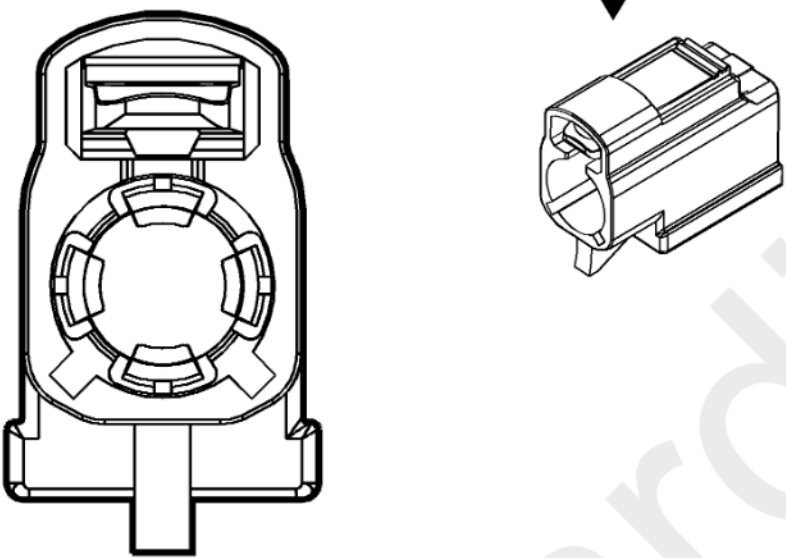
- Harness Type: Instrument Panel COAX
- OEM Connector: 13847001
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (YE)

Terminal Part Information

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

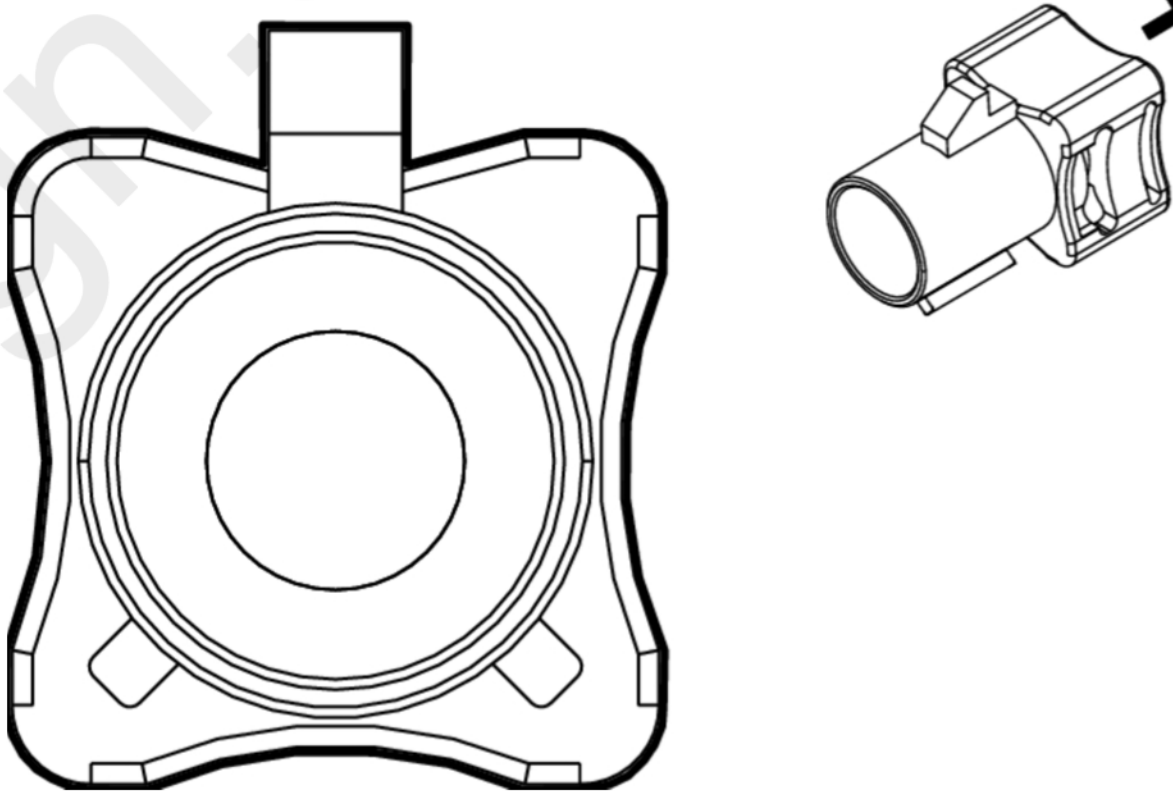
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	COAX	-	I	-	Coaxial Antenna XM Signal	-	-	COAX	-	I	-

X222 BODY HARNESS TO INSTRUMENT PANEL HARNESS



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 12784304
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (YE)



Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13847001
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M 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	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	Coax	-	I	-	(ISRVM) Camera Video Signal	-	-	Coax	-	I	-

X225 BODY HARNESS TO REAR ROOF ANTENNA HARNESS

Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13581696
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F

Connector Part Information

- Harness Type: Rear Roof Antenna COAX
- OEM Connector: 13581679
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M

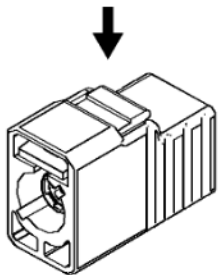
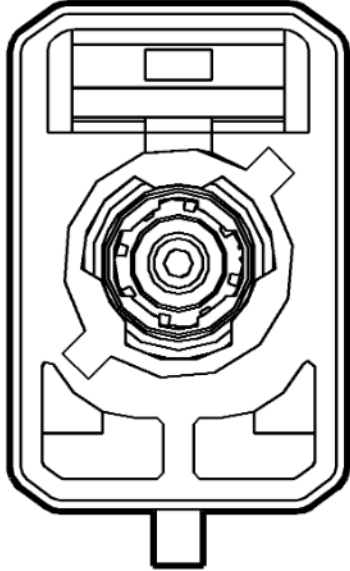
Terminal Part Information

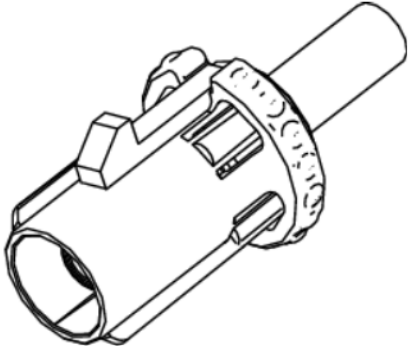
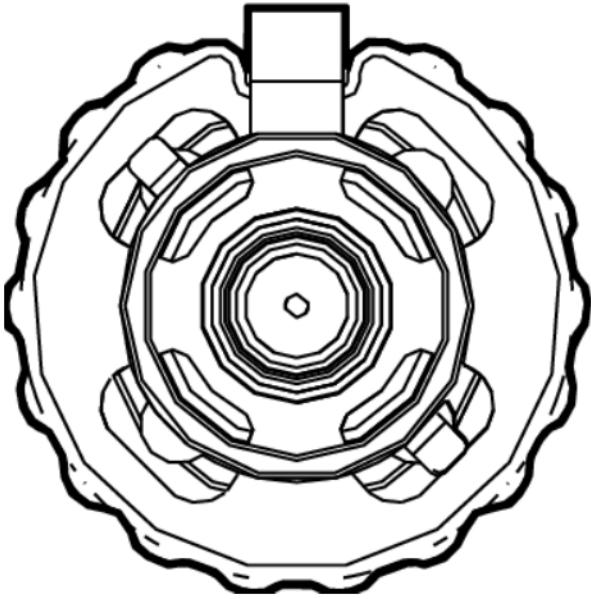
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

X226 BODY HARNESS TO CELLULAR PHONE, NAVIGATION, AND DIGITAL RADIO ANTENNA HARNESS

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Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13581690
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

Connector Part Information

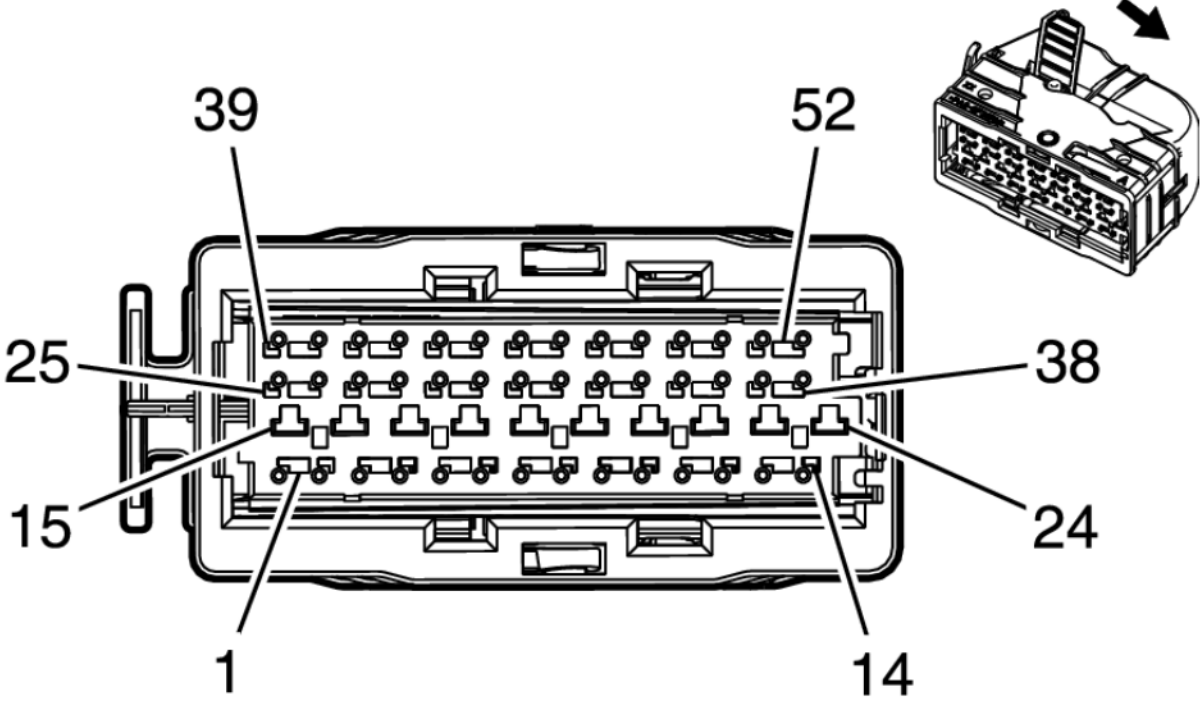
- Harness Type: Cellular Phone, Navigation, And Digital Radio Antenna COAX
- OEM Connector: 13581676
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (BU)

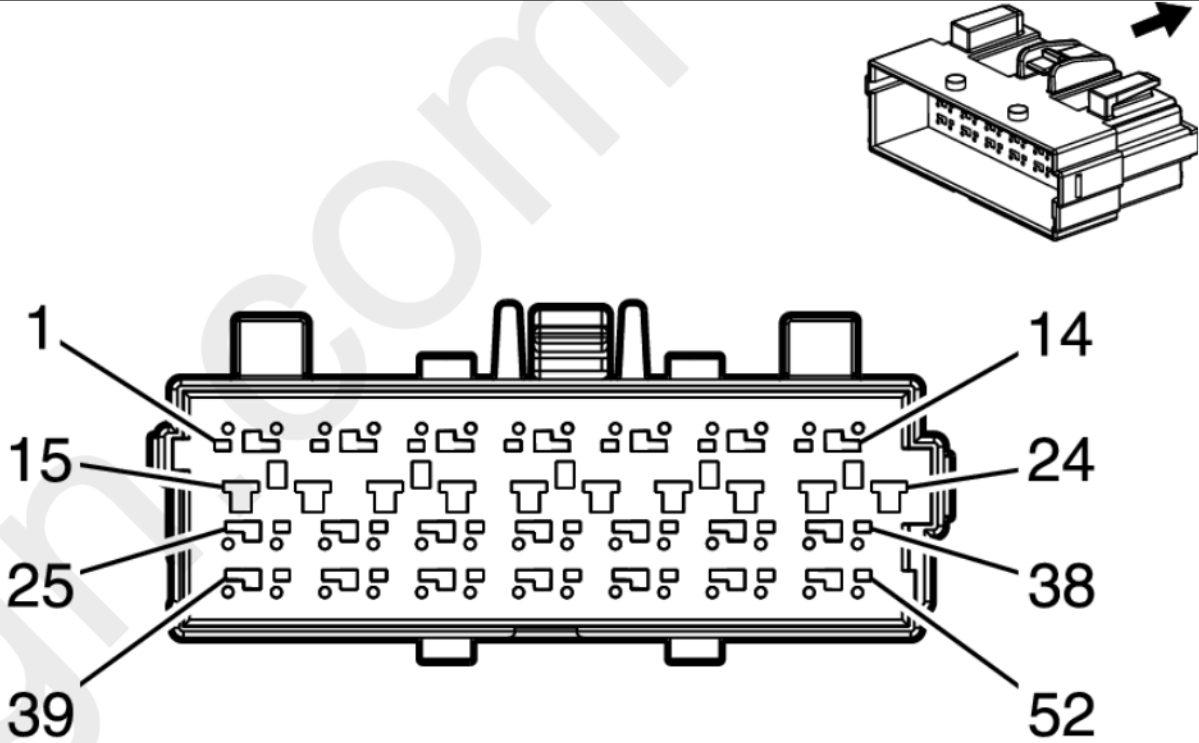
Terminal Part Information

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

X300 CONSOLE HARNESS TO INSTRUMENT PANEL HARNESS





Connector Part Information

- Harness Type: Console
- OEM Connector: 15397356
- Service Connector: Service by Harness - See Part Catalog
- Description: 52-Way F 0.8, 2.8 Ducon Series (BK)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 15396761
- Service Connector: 13574783
- Description: 52-Way M 0.8, 2.8 Ducon Series (GN)

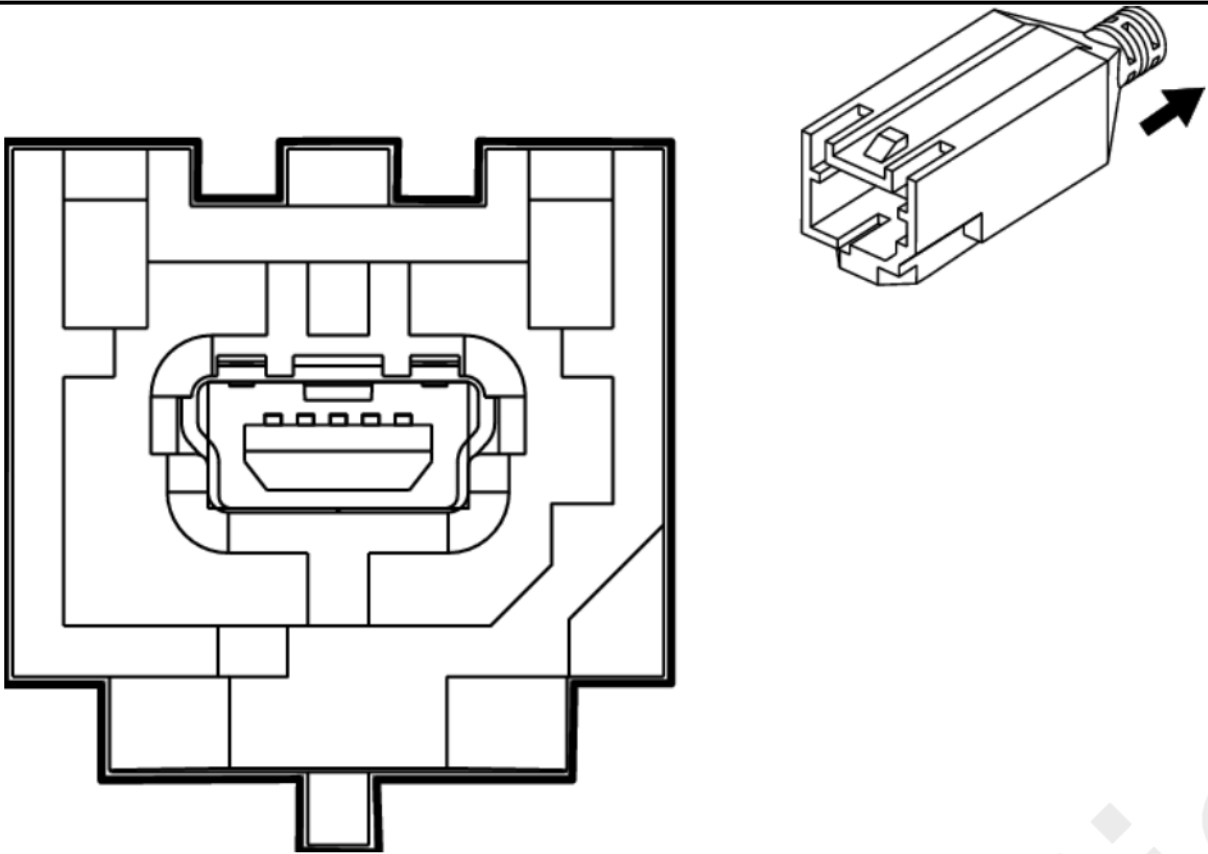
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (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
III	13575728	J-35616-5 (PU)	J-38125-11A	12147451	Delphi 24	2	A
IV	13575728	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
V	13575729	J-35616-5 (PU)	J-38125-11A	12147451	Delphi 24	2	4
VI	13575729	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VII	13575768	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
VIII	13579947	J-35616-65B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	VT/YE	5526	II	-	Tap Up/Tap Down Switch Signal	1	0.35	VT/YE	5526	VII	-
2	0.35	VT/GY	539	II	-	Run/Crank Ignition 1 Voltage	2	0.35	VT/GY	539	VII	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.35	WH/VT	5905	II	-	Key Capture/Column Lock Shift Position Signal	4	0.35	WH/VT	5905	VII	-
5	0.35	YE/WH	816	II	-	Brake Transmission Shift Interlock Solenoid Control	5	0.35	YE/WH	816	VII	-
6	0.5	WH/BN	6815	II	-	Inadvertent Power Control	6	0.35	WH/BN	6815	VII	-
7	0.35	BU/VT	1788	II	-	Traction Control Switch Signal 1	7	0.13	BU	1788	VIII	-
8	0.35	BN/GY	1462	II	-	Heated Seat Switch Signal	8	0.35	BN/GY	1462	VII	-
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.35	YE/BU	1505	II	-	Passenger Heated Seat Switch Signal	10	0.35	YE/BU	1505	VII	-
11 - 12	-	-	-	-	-	Not Occupied	11 - 12	-	-	-	-	-
13	0.5	BU	3554	II	-	Passive Start Interior Antenna 2 Signal Hi	13	0.35	BU	3554	VII	-
14	0.5	GY/BK	3555	II	-	Passive Start Interior Antenna 2 Signal Lo	14	0.35	GY/BK	3555	VII	-
15	0.35	GN	4512	I	-	Wireless Charging System Charge Indicator Control	15	0.35	GN	4512	VI	-
16	0.5 0.5	GN/BU GN/BU	6133 6133	I	- -	Local Interconnect Network Serial Data Bus 2 Local Interconnect Network Serial Data Bus 2	16	0.5	GN/BU	6133	V	-
17	1	VT	1301	I	-	Retained Accessory Power Fuse Control	17	1	VT/BN	1301	V	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	1.5	BK	2250	I	-	Ground	19	1.5	BK	2250	III	-

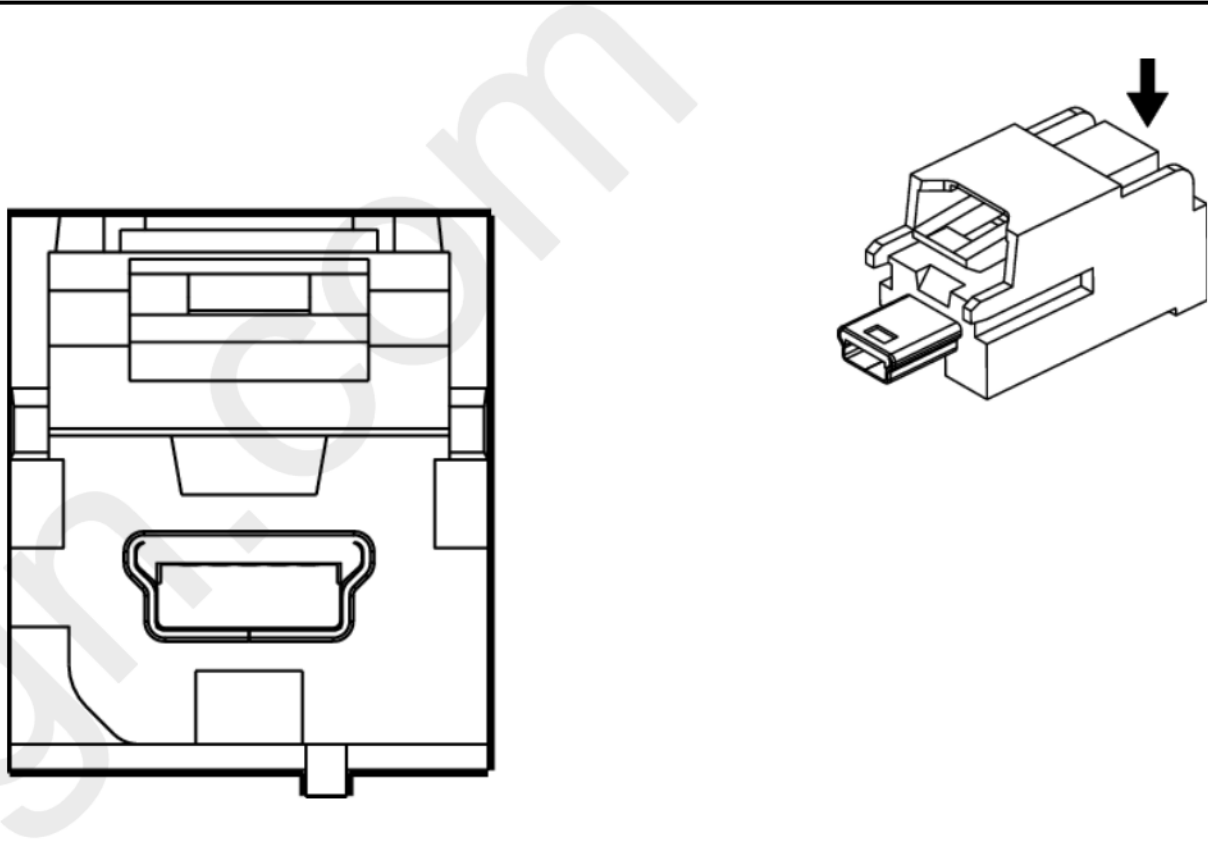
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
20	0.5	YE	6817	I	-	LED Backlight Dimming Control	20	0.5	YE	6817	V	-
21	0.35	GY/GN	4083	I	-	RAP Relay 2 Coil Control	21	0.35	GY/GN	4083	VI	-
22	1	VT	2601	I	-	Retained Accessory Power Fuse Control	22	1.5	VT	2601	III	-
23	2.5	RD/VT	4640	I	-	Battery Positive Voltage	23	2.5	RD/VT	4640	IV	-
24	2.5	BK	1550	I	-	Ground	24	2.5	BK	1550	IV	-
25	0.35	BU	2060	II	-	Auxiliary Detection Signal	25	0.35	BU	2060	VII	-
26	0.35	BARE	5842	II	-	Auxiliary Audio Screen 2	26	0.35	BARE	5842	VII	-
27	0.35	VT	5843	II	-	Auxiliary Audio Common Signal	27	0.35	VT	5843	VII	-
28	0.35	GY	5839	II	-	Left Auxiliary Audio Signal 2	28	0.35	GY	5839	VII	-
29	0.35	GN	5841	II	-	Right Auxiliary Audio Signal 2	29	0.35	GN	5841	VII	-
30 - 33	-	-	-	-	-	Not Occupied	30 - 33	-	-	-	-	-
34	0.5	BK	2250	II	-	Ground	34	0.5	BK	2250	VII	-
35	0.35	GY/BK	3276	II	-	Vehicle Anti-Theft System Immobilizer Control	35	0.35	GY/BK	3276	VII	-
36	0.35	GN/VT	7533	II	-	Local Interconnect Network Serial Data Bus 11	36	0.35	GN/VT	7533	VII	-
37	0.35	GN/GY	3277	II	-	Vehicle Anti-Theft System Immobilizer Low Reference	37	0.35	GN/GY	3277	VII	-
38 - 42	-	-	-	-	-	Not Occupied	38 - 42	-	-	-	-	-
43	0.5	RD/BU	3240	II	-	Battery Positive Voltage	43	0.5	RD/BU	3240	VII	-
44	0.5	GY/VT	755	II	-	RAP Relay Coil Control	44	0.35	GY/VT	755	VII	-
45	-	-	-	-	-	Not Occupied	45	-	-	-	-	-
46	0.5	VT	4601	II	-	Retained Accessory Power Fused Control	46	0.5	VT	4601	VII	-
47	-	-	-	-	-	Not Occupied	47	-	-	-	-	-
48	0.5	BK	1550	II	-	Ground	48	0.5	BK	1550	VII	-
49	-	-	-	-	-	Not Occupied	49	-	-	-	-	-
50	0.5	BK	1750	II	-	Ground	50	0.5	BK	1750	VII	-
51 - 52	-	-	-	-	-	Not Occupied	51 - 52	-	-	-	-	-

X301 INSTRUMENT PANEL HARNESS TO CONSOLE HARNESS



Connector Part Information

- Harness Type: Instrument Panel USB
- OEM Connector: 13869610
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F 2.0 Mini-B USB Type (GN)



Connector Part Information

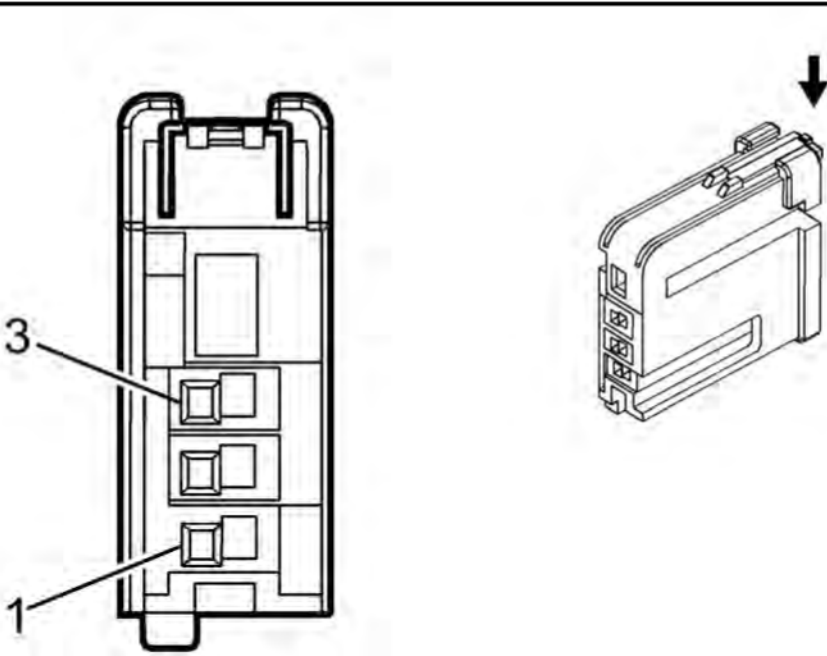
- Harness Type: Console USB
- OEM Connector: 13868839
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M 2.0 Mini-B USB Type (GN)

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

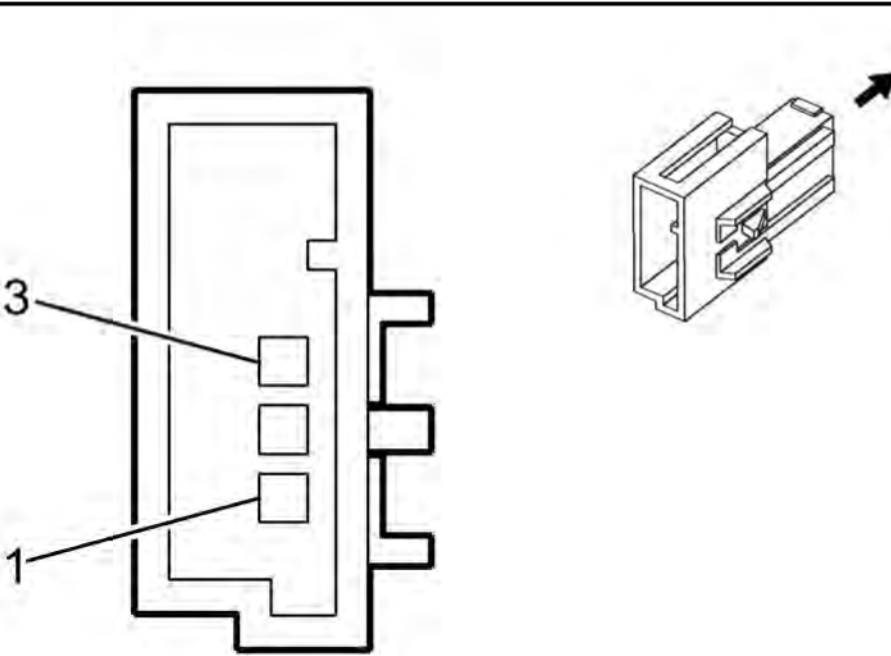
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	USB	-	I	-	USB Serial Data	-	-	USB	-	I	-

X302 RAIN SENSOR JUMPER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Rain Sensor Jumper
- OEM Connector: 19153430
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F



Connector Part Information

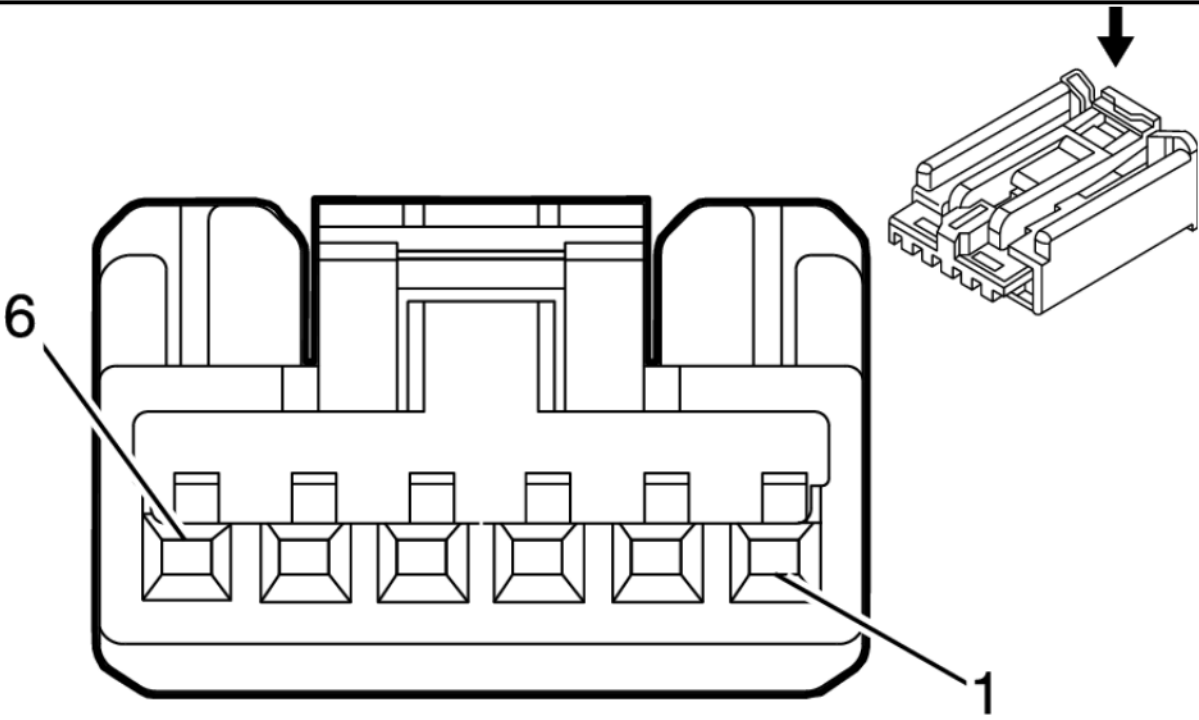
- Harness Type: Body
- OEM Connector: 13646861
- Service Connector: 13579450
- Description: 3-Way M 0.64 Series (BK)

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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	RD/GN	1540	I	-	Battery Positive Voltage	1	0.35	RD/GN	1540	II	-
2	0.35	GN/BN	6132	I	-	Local Interconnect Network Serial Data Bus 1	2	0.35	GN/BN	6132	II	-
3	0.5	BK	450	I	-	Ground	3	0.5	BK	450	II	-

X305 CONSOLE HARNESS TO SHIFTER HARNESS



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)

Connector Part Information

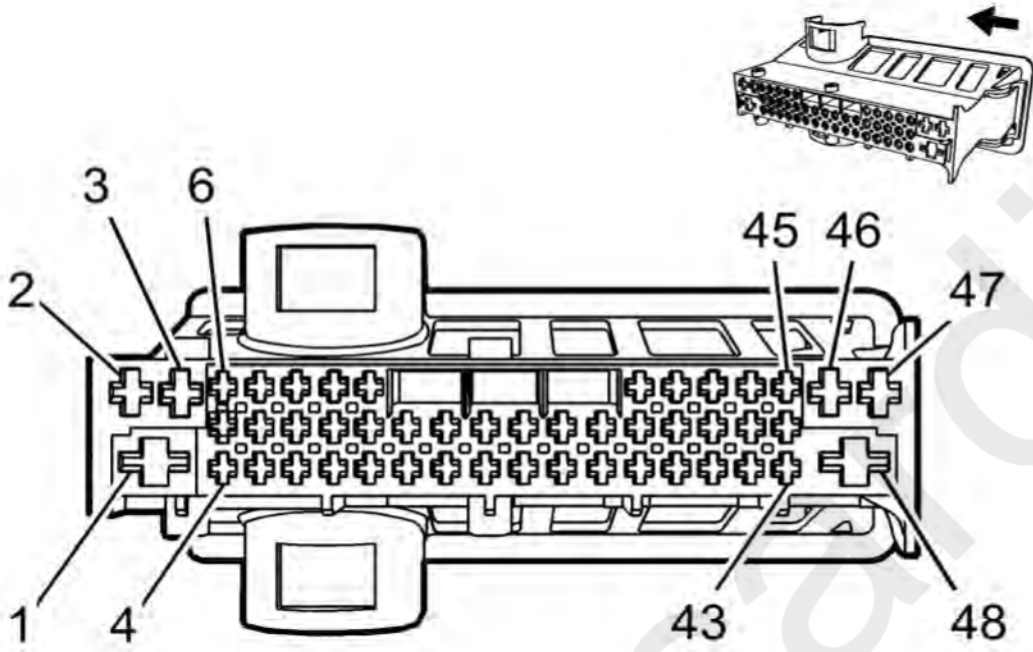
- Harness Type: Shifter
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

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	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

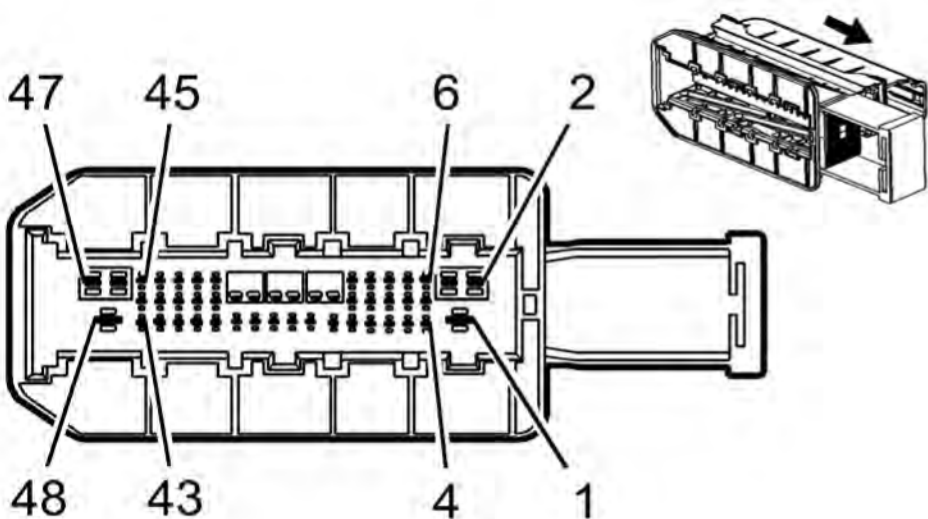
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.35	BK	2250	I	-	Ground	2	0.35	BK	2250	II	-
3	0.35	VT/YE	5526	I	-	Tap Up/Tap Down Switch Signal	3	0.35	VT/YE	5526	II	-
4	0.35	YE/WH	816	I	-	Brake Transmission Shift Interlock Solenoid Control	4	0.35	YE/WH	816	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.35	WH/VT	5905	I	-	Key Capture/Column Lock Shift Position Signal	6	0.35	WH/VT	5905	II	-

X310 BODY HARNESS TO DRIVER SEAT CUSHION HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13592486
- Service Connector: 13576546
- Description: 48-Way F 1.5, 2.8, 6.3 Timer Series (BK)



Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 13257304
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way M 1.5, 2.8, 6.3 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	13575537	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575539	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575707	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575760	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	1
V	13575780	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13575858	J-35616-42 (RD)	J-38125-36	927837-1	Lear 25	A	D
VII	13575858	J-35616-42 (RD)	J-38125-36	927837-1	Lear 25	C	A
VIII	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	RD/YE	5040	VII	-	Battery Positive Voltage	1	1.5	RD/YE	5040	VIII	-
2	0.5	RD/GN	5140	V	-	Battery Positive Voltage	2	0.5	RD/GN	5140	VIII	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	VT/BK	1239	IV	-	Run/Crank Ignition 1 Voltage	4	0.75	VT/BK	1239	VIII	-
5	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	5	0.35	GN	5060	VIII	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	7	0.35	BU/GN	614	VIII	-
8	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	8	0.35	BK/BU	5978	VIII	-
9	0.35	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	9	0.35	GN/WH	7530	VIII	-
10	0.35	WH	615	I	-	Memory Seat Switch Signal 1	10	0.35	WH	615	VIII	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	GN/VT	5906	I	-	Driver Seat Vent Motor Control 1	12	0.35	GN/VT	5906	VIII	-
13 - 17	-	-	-	-	-	Not Occupied	13 - 17	-	-	-	-	-
18	1	BN/VT	2077	II	-	Driver Heated Seat Element Control	18	1	BN/VT	2077	VIII	-
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20	0.35	OG/BU	3068	III	-	Driver Side Impact Module High Control	20	0.35	OG/BU	3068	VIII	-
21	0.35	BK/OG	1363	I	-	Driver Seat Belt Switch Low Reference	21	0.35	BK/OG	1363	VIII	-
22	0.35	GN/OG	3069	III	-	Driver Side Impact Module Low Control	22	0.35	GN/OG	3069	VIII	-
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.35	YE/OG	3482	III	-	Driver Seat Belt Anchor Pretensioner Low Control	24	0.35	YE/OG	3482	VIII	-
25	0.35	OG/BN	238	I	-	Driver Seat Belt Switch Signal	25	0.35	OG/BN	238	VIII	-
26	0.35	OG/YE	3481	III	-	Driver Seat Belt Anchor Pretensioner High Control	26	0.35	OG/YE	3481	VIII	-
27 - 28	-	-	-	-	-	Not Occupied	27 - 28	-	-	-	-	-
29	0.35	BK/VT	2426	I	-	Driver Heated Back NTC Low Reference	29	0.35	BK/VT	2426	VIII	-
30	-	-	-	-	-	Not Occupied	30	-	-	-	-	-
31	0.35	BU	2425	I	-	Driver Heated Back NTC Signal	31	0.35	BU	2425	VIII	-
32	1	BN/VT	2432	II	-	Driver Heated Back Element Control	32	-	-	-	-	-
33	1	VT/BK	2424	IV	-	Driver Heated Back Element Low Reference	33	1	VT/BK	2424	VIII	-
34	0.35	BK/YE	2080	I	-	Driver Heated Seat NTC Low Reference	34	0.35	BK/YE	2080	VIII	-
35	0.35	YE/GY	2079	I	-	Driver Heated Seat NTC Signal	35	0.35	YE/GY	2079	VIII	-
36 - 47	-	-	-	-	-	Not Occupied	36 - 47	-	-	-	-	-
48	2.5	BK	2150	VI	-	Ground	48	2.5	BK	2150	VIII	-

X311 DRIVER SEAT BACK HARNESS TO DRIVER SEAT CUSHION HARNESS (-KA1)

Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 33472-0891
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 150 MX Series, Sealed (YE)

Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 33482-0851
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 MX Series, Sealed (YE)

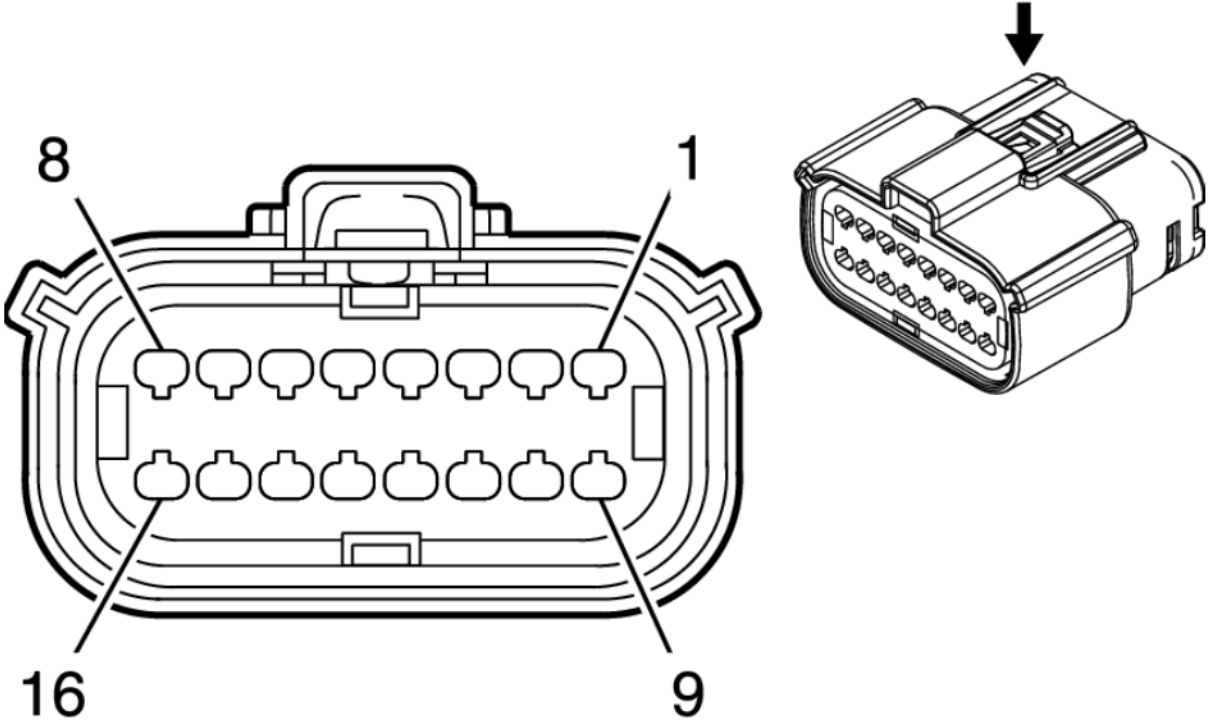
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/BU	3068	I	-	Driver Side Impact Module High Control	1	0.5	OG/BU	3068	II	-
2	0.5	GN/OG	3069	I	-	Driver Side Impact Module Low Control	2	0.5	GN/OG	3069	II	-
3	0.75	BK	150	I	-	Ground	3	0.75	BK	150	II	-
4	1	BU/YE	277	I	-	Driver Power Seat Recline Motor Rearward Control	4	1	BU/YE	277	II	-
5	1	GN/YE	276	I	-	Driver Power Seat Recline Motor Forward Control	5	1	GN/YE	276	II	-
6	0.75	VT	610	I	-	Driver Power Seat Lumbar Motor Rearward Control	6	0.75	VT	610	II	-
7	0.75	BU	611	I	-	Driver Power Seat Lumbar Motor Forward Control	7	0.75	BU	611	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

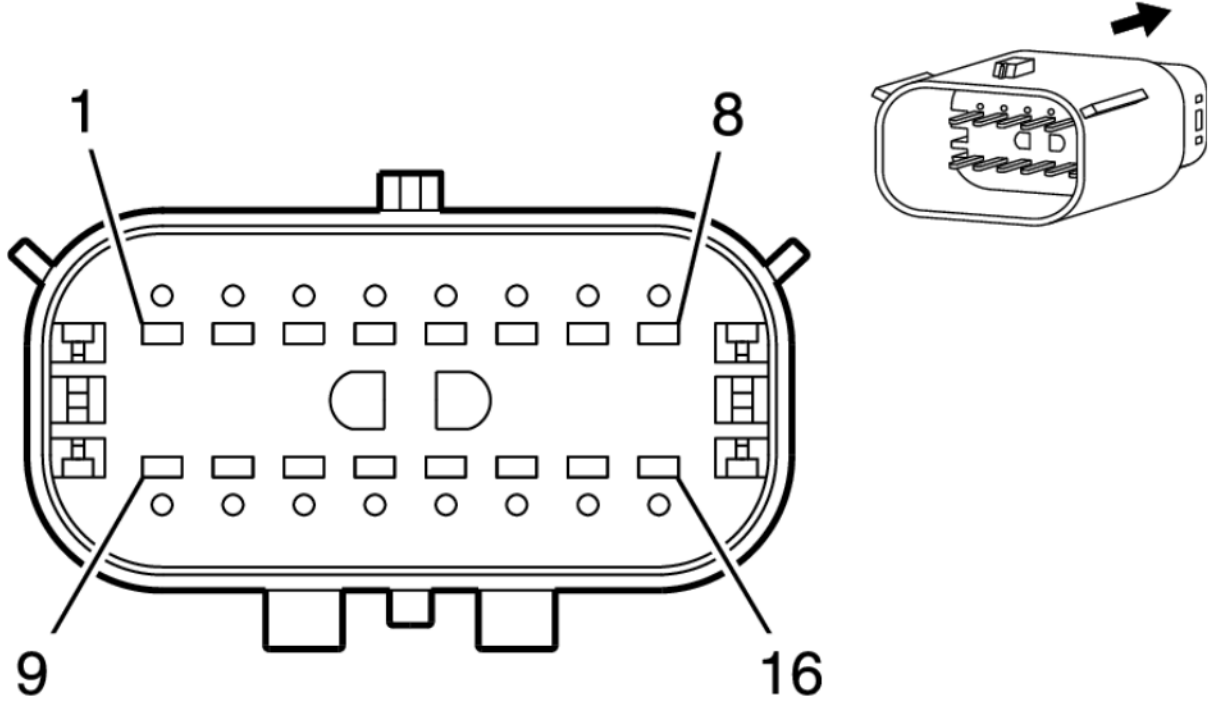
X311 DRIVER SEAT BACK HARNESS TO DRIVER SEAT CUSHION HARNESS (KA1)

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Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 33472-1886
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 150 MX Series, Sealed (YE)



Connector Part Information

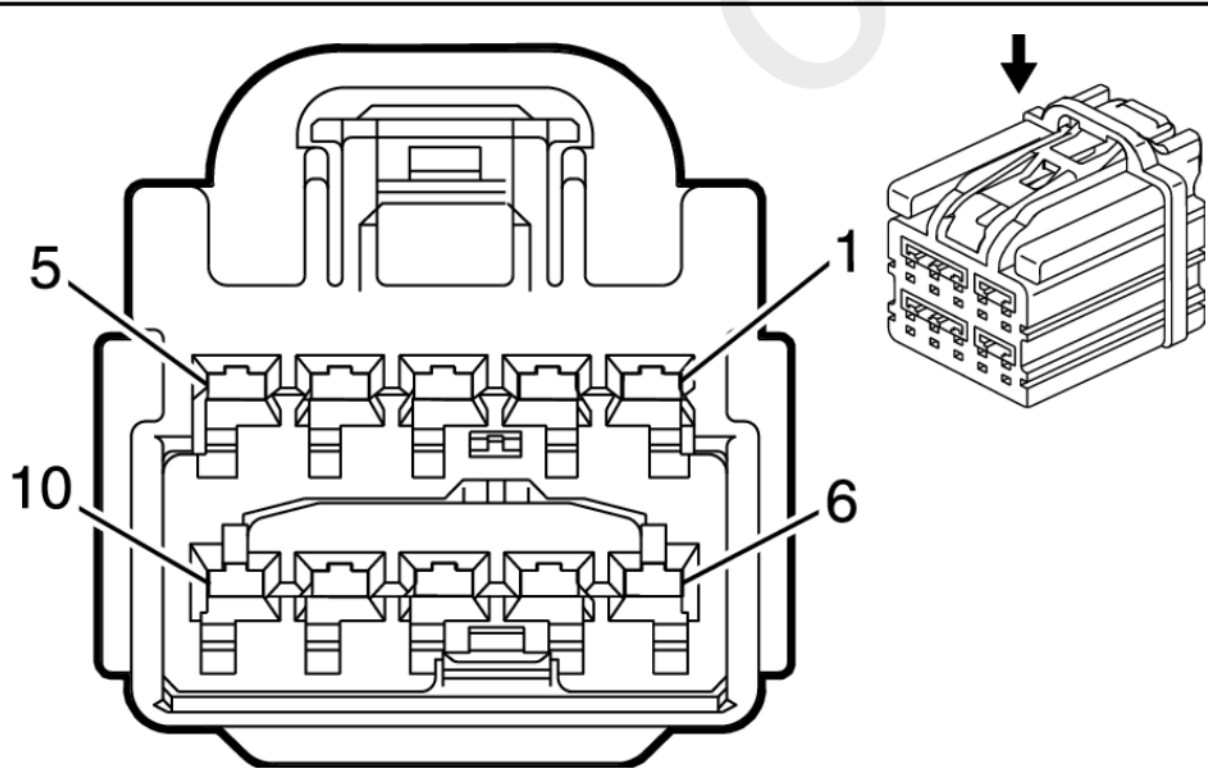
- Harness Type: Driver Seat Cushion
- OEM Connector: 33482-1777
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (YE)

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	J-35616-2A (GY)	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
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

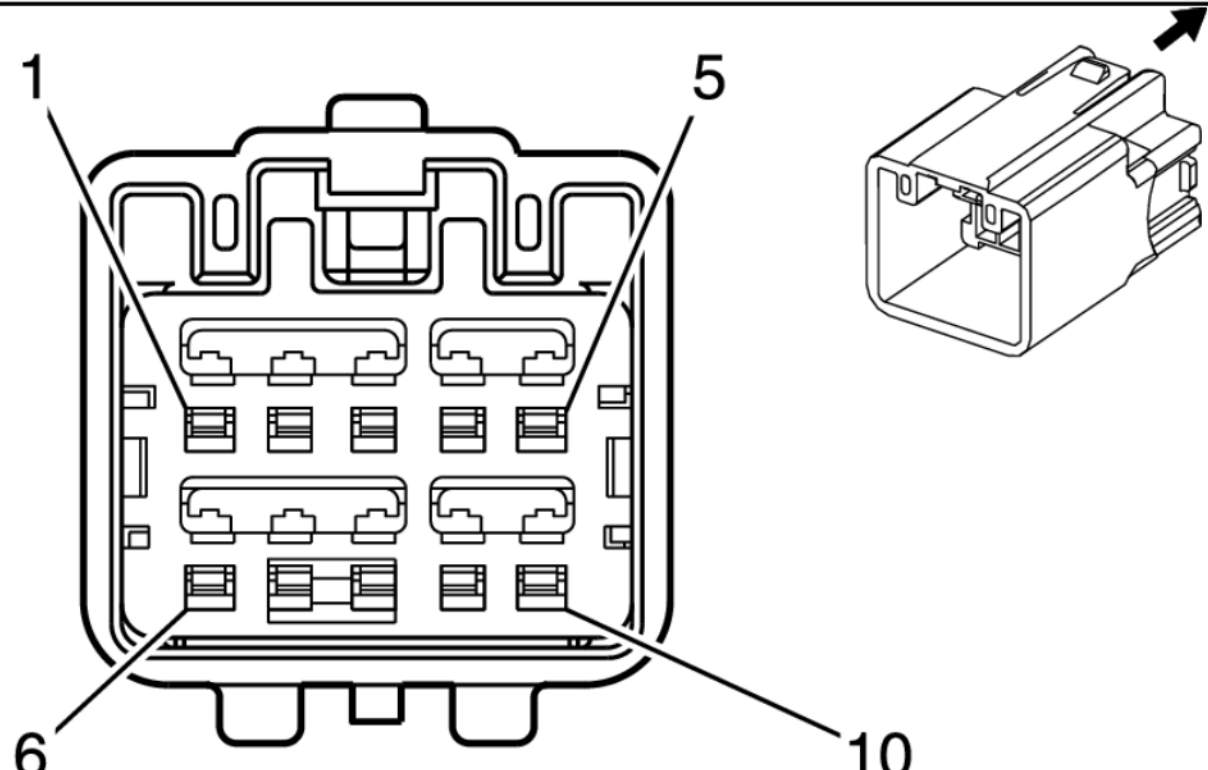
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/BU	3068	I	-	Driver Side Impact Module High Control	1	0.5	OG/BU	3068	II	-
2	0.5	GN/OG	3069	I	-	Driver Side Impact Module Low Control	2	0.5	GN/OG	3069	II	-
3	0.75	BK	150	I	-	Ground	3	0.75	BK	150	III	-
4	1	BU/YE	277	I	-	Driver Power Seat Recline Motor Rearward Control	4	1	BU/YE	277	III	-
5	1	GN/YE	276	I	-	Driver Power Seat Recline Motor Forward Control	5	1	GN/YE	276	III	-
6	0.75	VT	610	I	-	Driver Power Seat Lumbar Motor Rearward Control	6	0.75	VT	610	III	-
7	0.75	BU	611	I	-	Driver Power Seat Lumbar Motor Forward Control	7	0.75	BU	611	III	-
8	0.5	WH/BK	570	I	-	Driver Memory Seat Recline Motor Position Sensor Signal	8	0.5	WH/BK	570	II	-
9	0.5	WH/RD	3298	I	-	Memory Sensor High Reference 2	9	0.5	WH/RD	3298	II	-
10	0.5	GN	5906	I	-	Driver Seat Vent Motor Control 1	10	0.5	GN	5906	II	-
11	0.75	VT/BK	2424	I	-	Driver Heated Back Element Low Reference	11	0.75	VT/BK	2424	III	-
12	0.5	RD/WH	1239	I	-	Run/Crank Ignition 1 Voltage	12	0.5	RD/WH	1239	II	-
13	0.5	BK/BN	2150	I	-	Ground	13	0.5	BK/BN	2150	II	-
14	0.75	BN/VT	2077	I	-	Driver Heated Seat Element Control	14	0.75	BN/VT	2077	III	-
15	0.5	BU	2425	I	-	Driver Heated Back NTC Signal	15	0.5	BU	2425	II	-
16	0.5	BK/VT	2426	I	-	Driver Heated Back NTC Low Reference	16	0.5	BK/VT	2426	II	-

X312 DRIVER SEAT HARNESS TO DRIVER SEAT CUSHION HARNESS (KU1)



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 7283-6455-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 7282-6455-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M 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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2150	I	-	Ground	1	0.5	BK/BN	2150	II	-
2	-	-	-	-	-	Ground	2	0.5	BK	2150	II	-
3	0.35	WH	5906	I	-	Driver Seat Vent Motor Control 1	3	0.35	WH	5906	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4	0.75	VT/BK	1239	I	-	Run/Crank Ignition 1 Voltage	4	0.75	YE	1239	II	-
5	0.5	GN	5906	I	-	Driver Seat Vent Motor Control 1	5	0.5	GN	5906	II	-
6	0.5	RD	1239	I	-	Run/Crank Ignition 1 Voltage	6	0.5	RD/WH	1239	II	-
7	0.75	BK	2424	I	-	Driver Heated Back Element Low Reference	7	0.75	VT/BK	2424	II	-
8	0.75	RD	2077	I	-	Driver Heated Seat Element Control	8	0.75	BN/VT	2077	II	-
9	0.5	BK/RD	2079	I	-	Driver Heated Seat NTC Signal	9	0.5	YE/GY	2079	II	-
10	0.5	BK/RD	2080	I	-	Driver Heated Seat NTC Low Reference	10	0.5	BK/YE	2080	II	-

X320 BODY HARNESS TO PASSENGER SEAT CUSHION HARNESS

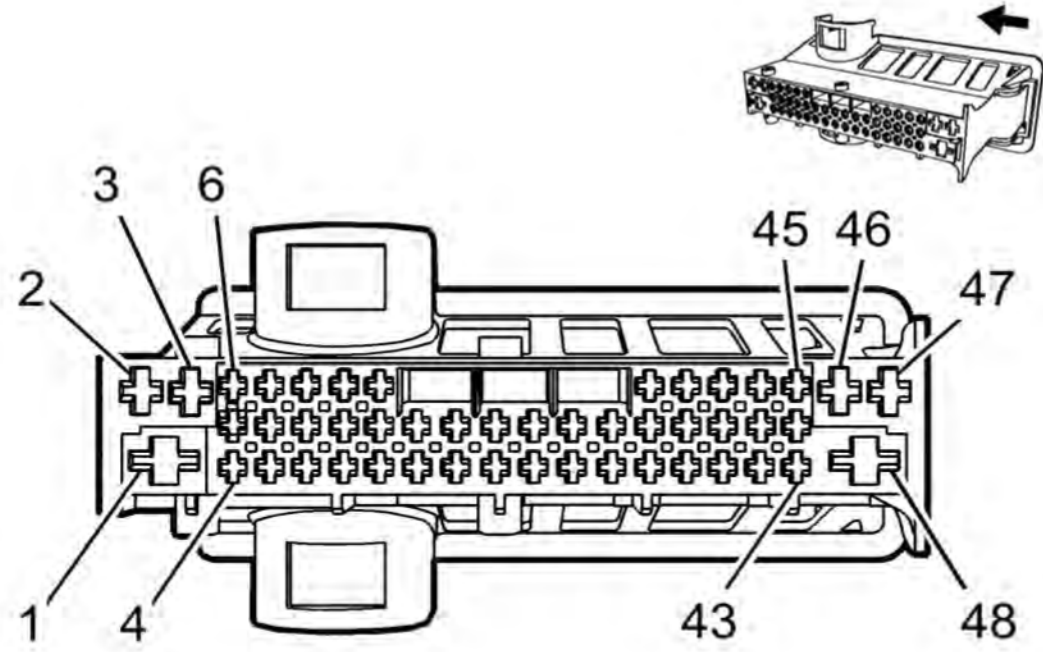


Diagram showing the Body Harness Connector with terminals labeled 1, 2, 3, 4, 6, 43, 45, 46, 47, and 48. An inset shows the connector's profile with an arrow pointing left.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13592486
- Service Connector: 13576546
- Description: 48-Way F 1.5, 2.8, 6.3 Timer Series (BK)

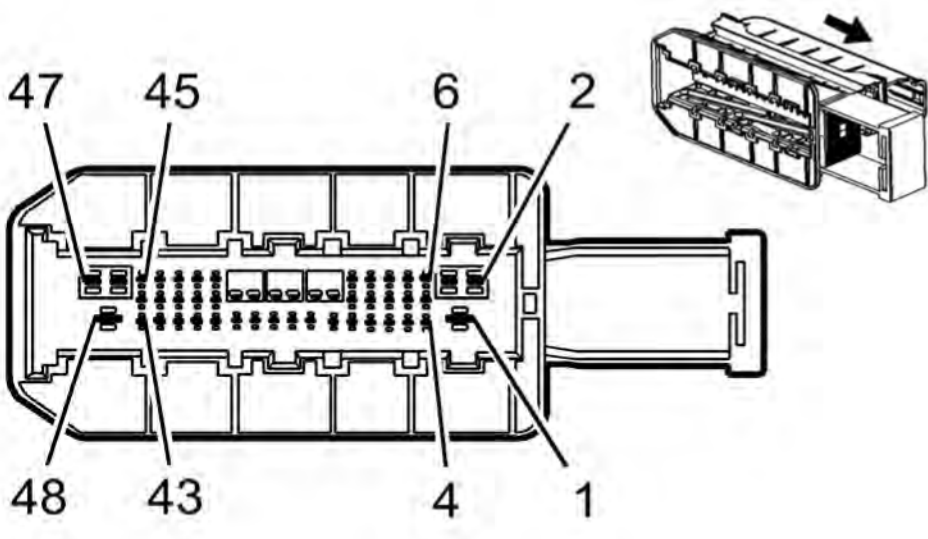


Diagram showing the Passenger Seat Cushion Harness Connector with terminals labeled 1, 2, 4, 6, 43, 45, 47, and 48. An inset shows the connector's profile with an arrow pointing right.

Connector Part Information

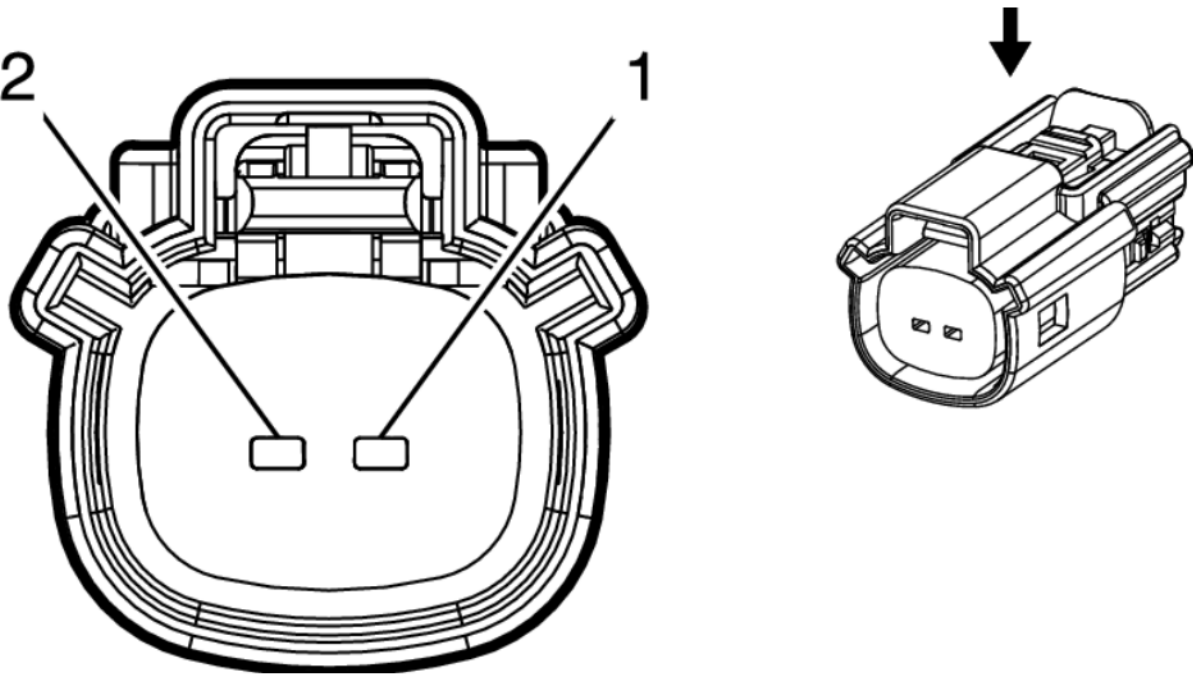
- Harness Type: Passenger Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575537	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575539	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575707	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575760	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	1
V	13575858	J-35616-42 (RD)	J-38125-36	927837-1	Lear 25	A	D
VI	13575858	J-35616-42 (RD)	J-38125-36	927837-1	Lear 25	C	A
VII	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

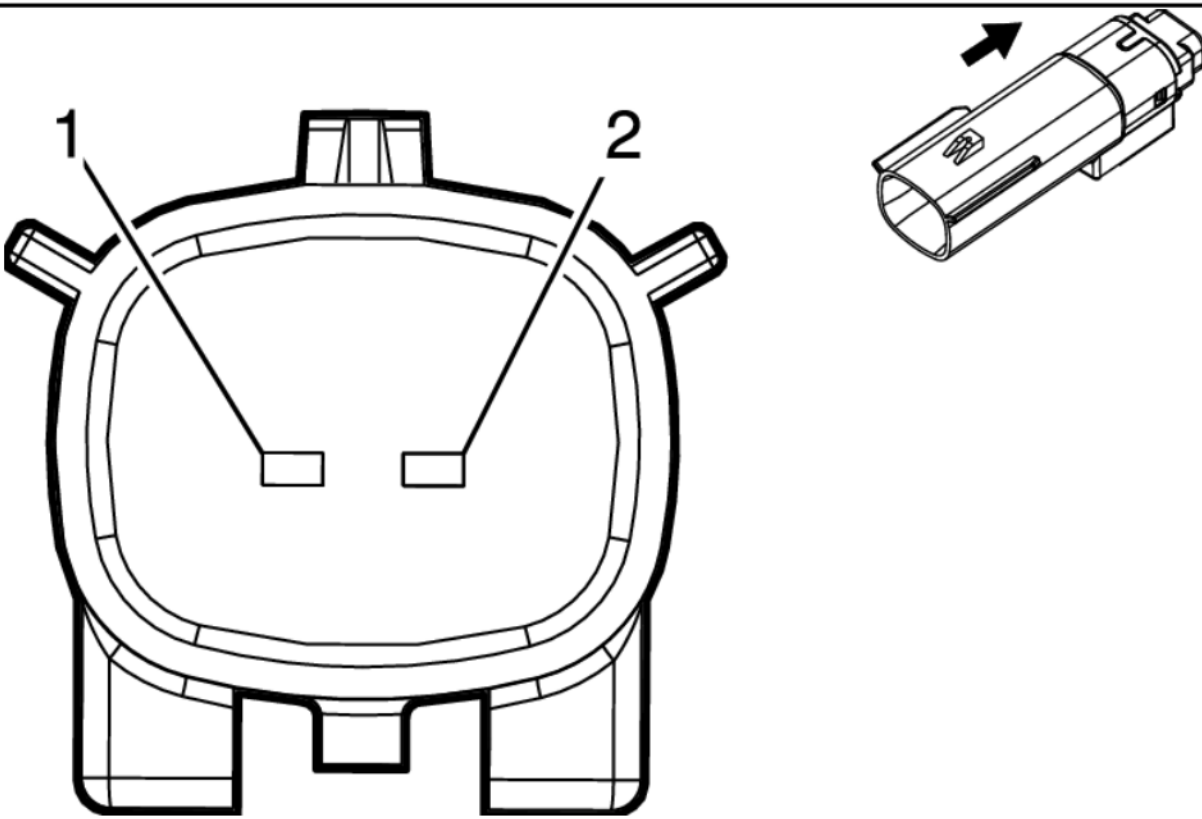
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	RD/BN	1440	VI	-	Battery Positive Voltage	1	1.5	RD/BN	1440	VII	-
2 - 3	-	-	-	-	-	Not Occupied	2 - 3	-	-	-	-	-
4	0.75	VT/BK	1239	IV	-	Run/Crank Ignition 1 Voltage	4	0.75	VT/BK	1239	VII	-
5	0.75	RD/GY	1342	IV	-	Battery Positive Voltage	5	0.75	RD/GY	1342	VII	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.75	RD/YE	1442	IV	-	Battery Positive Voltage	7	0.75	RD/YE	1442	VII	-
8	0.35	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	8	0.35	GN/BU	6133	VII	-
9 - 11	-	-	-	-	-	Not Occupied	9 - 11	-	-	-	-	-
12	0.35	GN/VT	5906	I	-	Driver Seat Vent Motor Control 1	12	0.35	GN/VT	5906	VII	-
13 - 17	-	-	-	-	-	Not Occupied	13 - 17	-	-	-	-	-
18	1	BN/VT	2077	II	-	Driver Heated Seat Element Control	18	1	BN/VT	2077	VII	-
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20	0.35	OG/GY	3066	III	-	Passenger Side Impact Module High Control	20	0.35	OG/GY	3066	VII	-
21	0.35	BK/OG	1361	I	-	Passenger Seat Belt Switch Low Reference	21	0.35	BK/OG	1361	VII	-
22	0.35	BN/OG	3067	III	-	Passenger Side Impact Module Low Control	22	0.35	BN/OG	3067	VII	-
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.35	GY/OG	3480	III	-	Passenger Seat Belt Anchor Pretensioner Low Control	24	0.35	GY/OG	3480	VII	-
25	0.35	OG/VT	1362	I	-	Passenger Seat Belt Switch Signal	25	0.35	OG/VT	1362	VII	-
26	0.35	OG/BN	3479	III	-	Passenger Seat Belt Anchor Pretensioner High Control	26	0.35	OG/BN	3479	VII	-
27 - 28	-	-	-	-	-	Not Occupied	27 - 28	-	-	-	-	-
29	0.35	BK/VT	2426	I	-	Driver Heated Back NTC Low Reference	29	0.35	BK/VT	2426	VII	-
30	-	-	-	-	-	Not Occupied	30	-	-	-	-	-
31	0.35	BU	2425	I	-	Driver Heated Back NTC Signal	31	0.35	BU	2425	VII	-
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	1	VT/BK	2424	IV	-	Driver Heated Back Element Low Reference	33	1	VT/BK	2424	VII	-
34	0.35	BK/YE	2080	I	-	Driver Heated Seat NTC Low Reference	34	0.35	BK/YE	2080	VII	-
35	0.35	YE/GY	2079	I	-	Driver Heated Seat NTC Signal	35	0.35	YE/GY	2079	VII	-
36 - 40	-	-	-	-	-	Not Occupied	36 - 40	-	-	-	-	-
41	0.35	RD/GN	4440	I	-	Battery Positive Voltage	41	0.35	RD/GN	4440	VII	-
42	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	42	0.35	GN	5060	VII	-
43	-	-	-	-	-	Not Occupied	43	-	-	-	-	-
44	0.5	BK	450	I	-	Ground	44	0.5	BK	450	VII	-
45 - 47	-	-	-	-	-	Not Occupied	45 - 47	-	-	-	-	-
48	2.5	BK	2050	V	-	Ground	48	2.5	BK	2050	VII	-

X321 PASSENGER SEAT BACK HARNESS TO PASSENGER SEAT CUSHION HARNESS (-KA1)



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 33471-0223
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (YE)



Connector Part Information

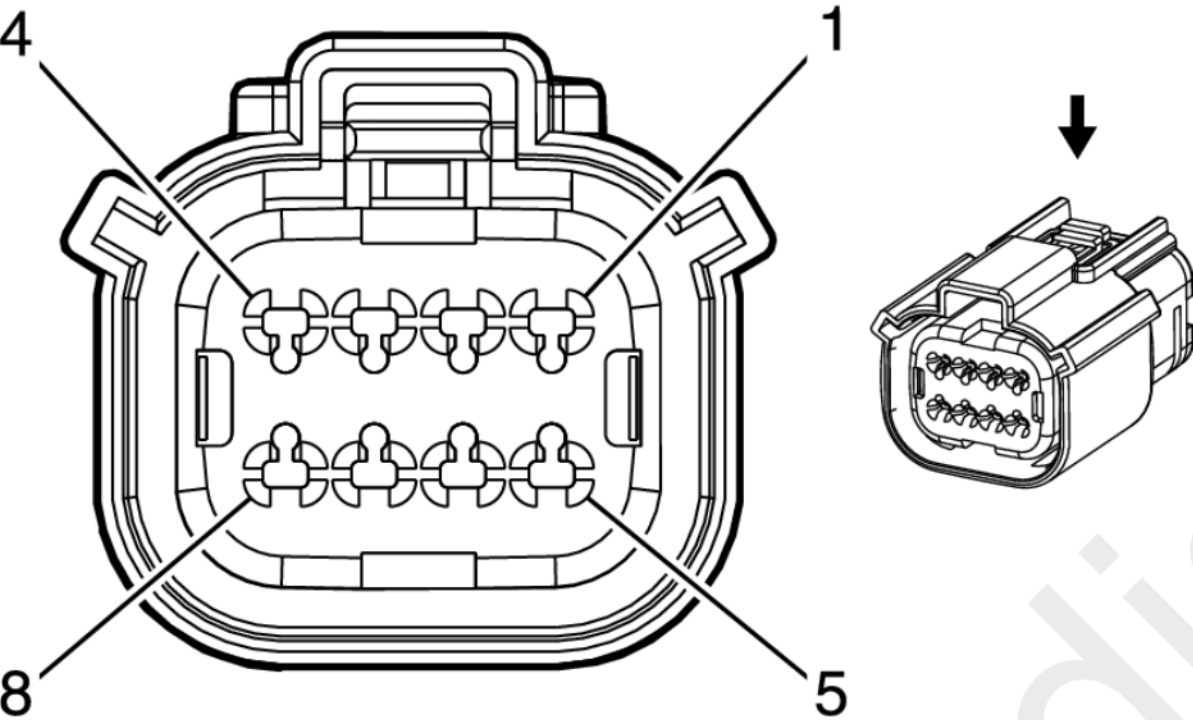
- Harness Type: Passenger Seat Cushion
- OEM Connector: 33481-0210
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.5 MX Series, Sealed (YE)

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

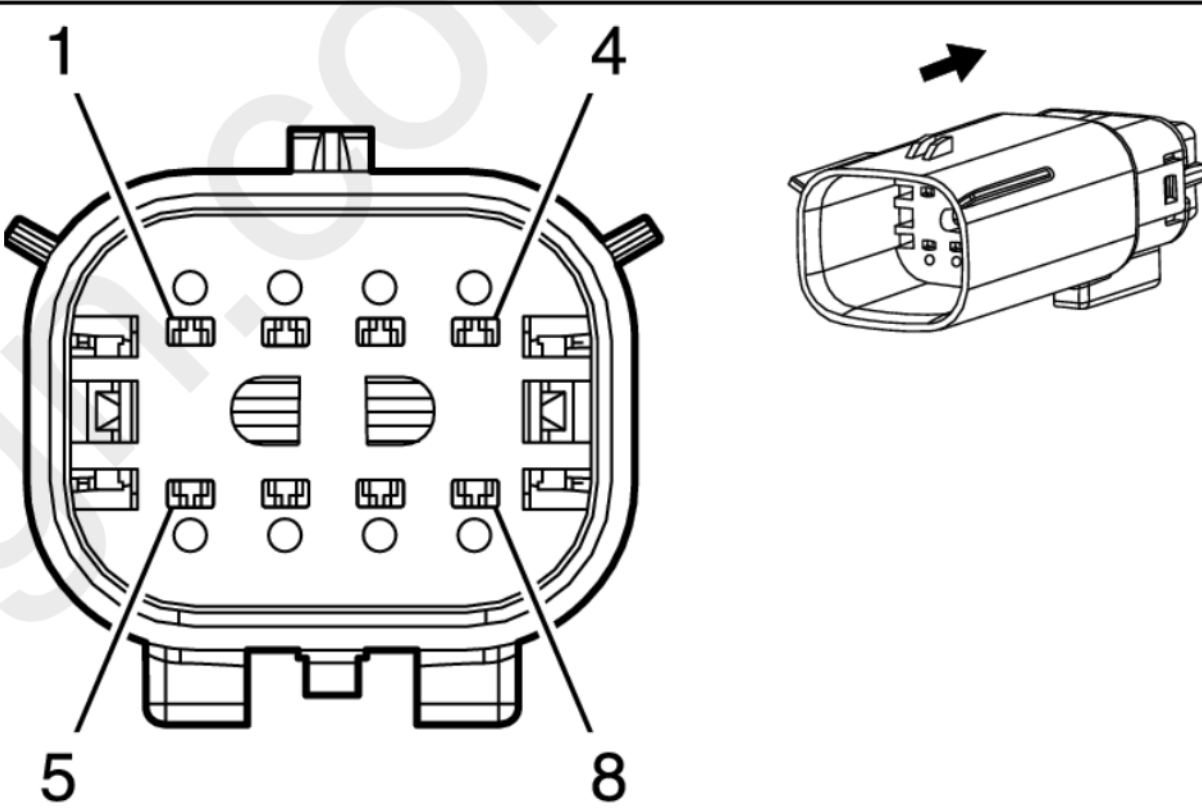
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/GY	3066	I	-	Passenger Side Impact Module High Control	1	0.5	OG/GY	3066	II	-
2	0.5	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	2	0.5	BN/OG	3067	II	-

X321 PASSENGER SEAT BACK HARNESS TO PASSENGER SEAT CUSHION HARNESS (KA1-KU3)



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 33472-0891
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 150 MX Series, Sealed (YE)



Connector Part Information

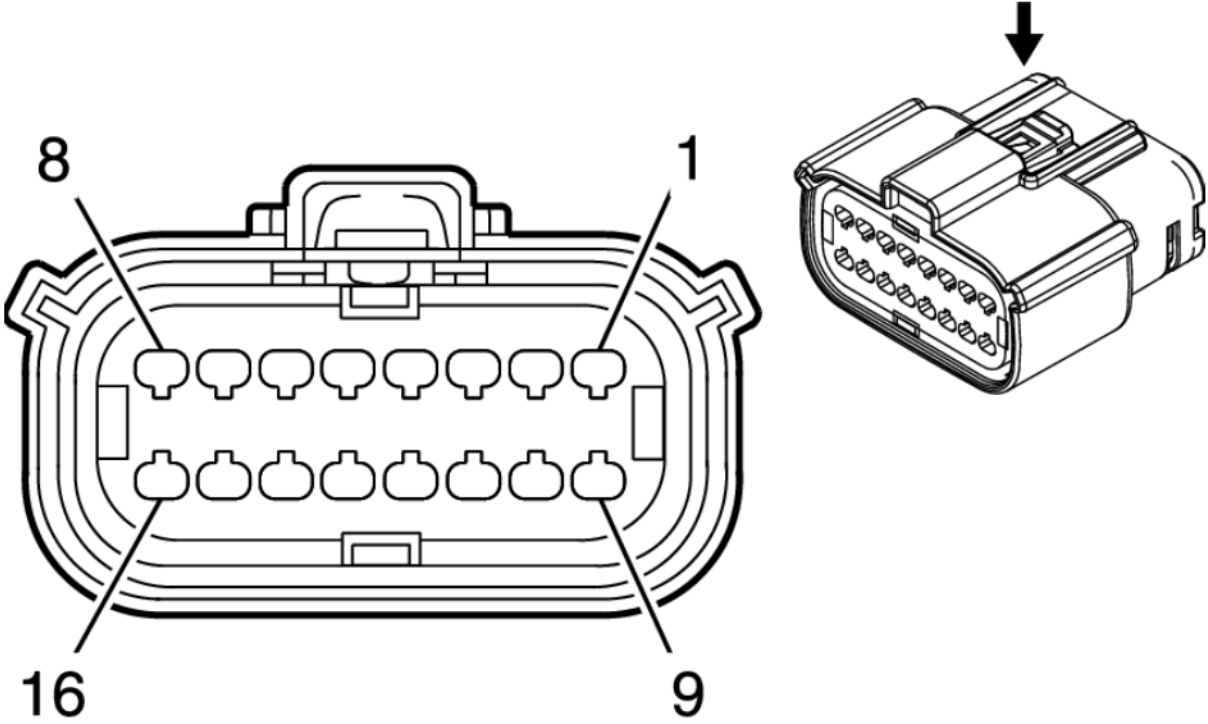
- Harness Type: Passenger Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

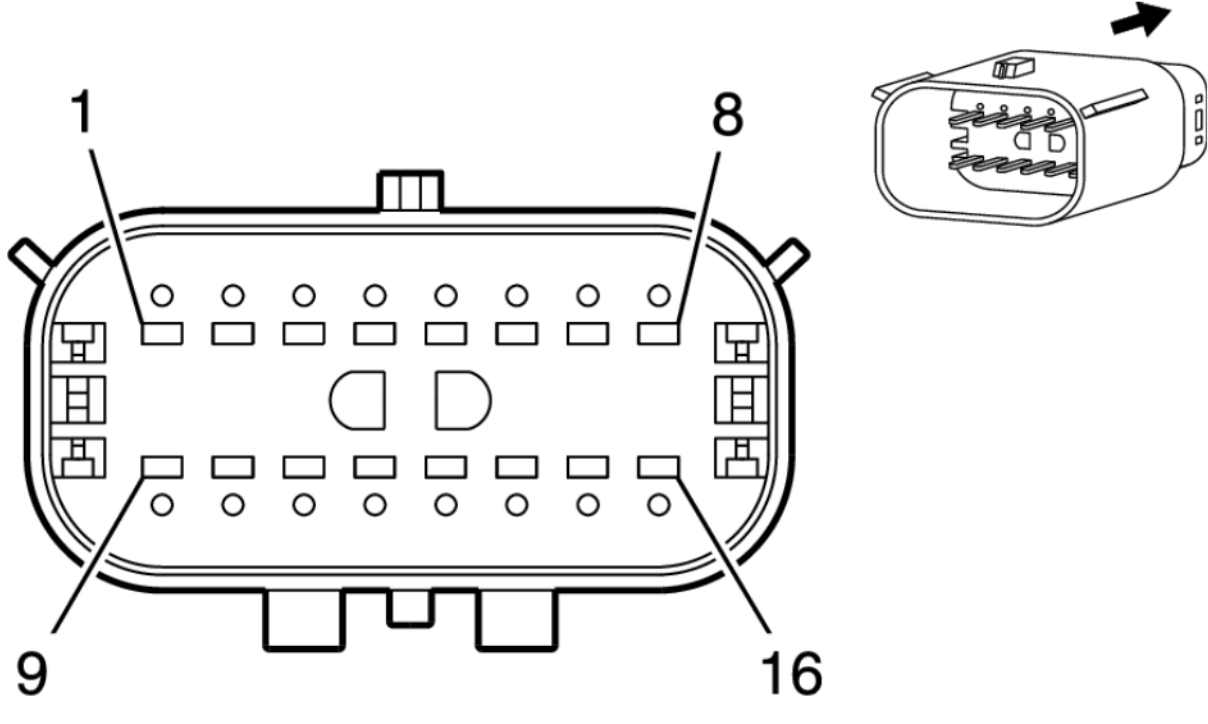
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/GY	3066	I	-	Passenger Side Impact Module High Control	1	0.5	OG/GY	3066	II	-
2	0.5	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	2	0.5	BN/OG	3067	II	-
3	0.75	BK	2050	I	-	Ground	3	0.75	BK	2050	II	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.75	VT	210	I	-	Passenger Power Seat Lumbar Motor Rearward Control	6	0.75	VT	210	II	-
7	0.75	BU	211	I	-	Passenger Power Seat Lumbar Motor Forward Control	7	0.75	BU	211	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X321 PASSENGER SEAT BACK HARNESS TO PASSENGER SEAT CUSHION HARNESS (KU3)



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 33472-1886
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 150 MX Series, Sealed (YE)



Connector Part Information

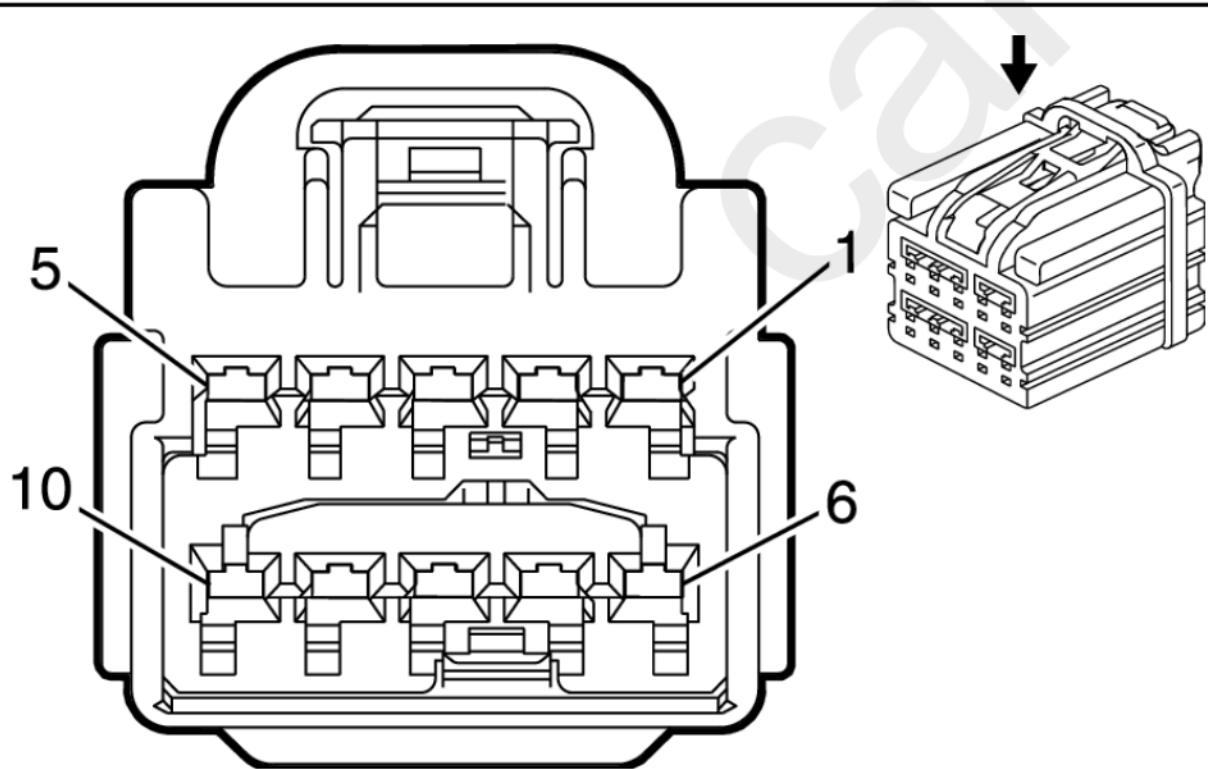
- Harness Type: Passenger Seat Cushion
- OEM Connector: 33482-1777
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (YE)

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	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

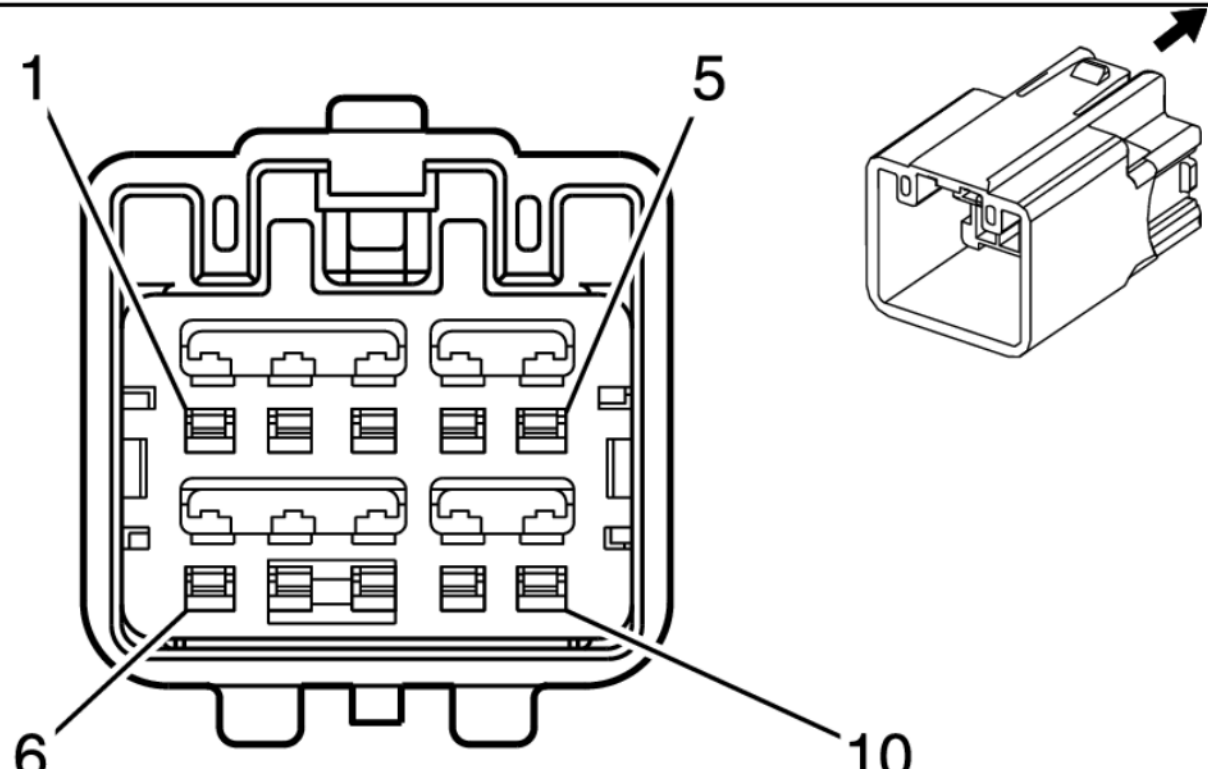
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/GY	3066	I	-	Passenger Side Impact Module High Control	1	0.5	OG/GY	3066	II	-
2	0.5	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	2	0.5	BN/OG	3067	II	-
3	0.75	BK	2050	I	-	Ground	3	0.75	BK	2050	II	-
4	1	BU/BN	77	I	-	Passenger Power Seat Recline Motor Rearward Control	4	1	BU/BN	77	II	-
5	1	GN	76	I	-	Passenger Power Seat Recline Motor Forward Control	5	1	GN	76	II	-
6	0.75	VT	210	I	-	Passenger Power Seat Lumbar Motor Rearward Control	6	0.75	VT	210	II	-
7	0.75	BU	211	I	-	Passenger Power Seat Lumbar Motor Forward Control	7	0.75	BU	211	II	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	GN	5908	I	-	Passenger Seat Vent Motor Control 1	10	0.5	GN	5908	II	-
11	0.75	BU/BK	2433	I	-	Passenger Heated Back Element Low Reference	11	0.75	BU/BK	2433	II	-
12	0.75	RD/WH	1239	I	-	Run/Crank Ignition 1 Voltage	12	0.75	RD/WH	1239	II	-
13	0.5	BK/WH	2050	I	-	Ground	13	0.5	BK/WH	2050	II	-
14	0.5	WH/BU	2436	I	-	Passenger Heated Back NTC Signal	14	0.5	WH/BU	2436	II	-
15	0.5	BK/GY	2482	I	-	Passenger Heated Back NTC Low Reference	15	0.5	BK/GY	2482	II	-
16	0.75	BN/BU	2479	I	-	Passenger Heated Seat Element Control	16	0.75	BN/BU	2479	II	-

X322 PASSENGER SEAT HARNESS TO PASSENGER SEAT CUSHION HARNESS



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 7283-6455-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 7282-6455-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M YESC Kaizen Series (L-GY)

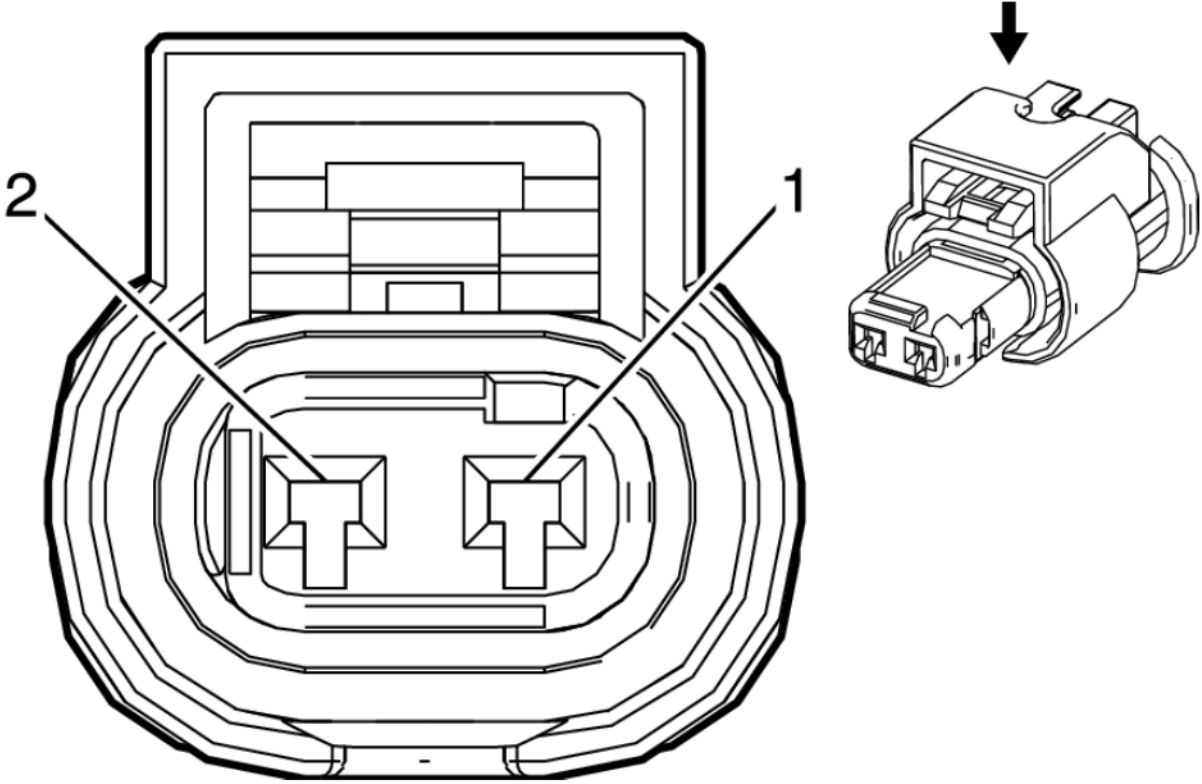
Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2050	I	-	Ground	1	0.5	BK	2050	II	-
2	0.5	BK	2050	I	-	Ground	2	0.5	BK	2050	II	-
3	0.5	WH	5908	I	-	Passenger Seat Vent Motor Control 1	3	0.75	VT/WH	5908	II	-
4	0.82	YE	1239	I	-	Run/Crank Ignition 1 Voltage	4	0.75	VT/BK	1239	II	-
5	0.33	GN	5908	I	-	Passenger Seat Vent Motor Control 1	5	0.5	GN	5908	II	-

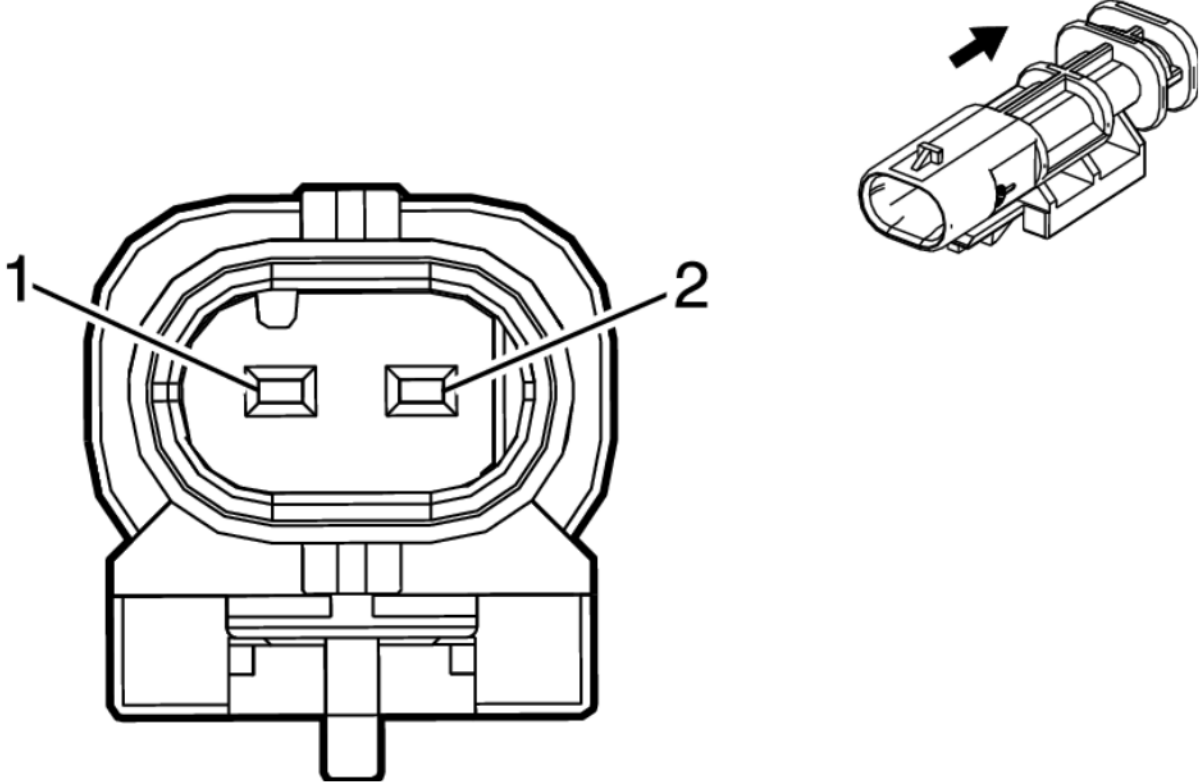
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
6	0.82	RD	1239	I	-	Run/Crank Ignition 1 Voltage	6	0.5	RD	1239	II	-
7	0.75	BK	2433	I	-	Passenger Heated Back Element Low Reference	7	0.75	BU/BK	2433	II	-
8	0.75	RD	2479	I	-	Passenger Heated Seat Element Control	8	0.75	BN/BU	2479	II	-
9	0.35	BK/RD	2434	I	-	Passenger Heated Seat NTC Signal	9	0.5	WH/GY	2434	II	-
10	0.35	BK/RD	2482	I	-	Passenger Heated Back NTC Low Reference	10	0.5	BK/GY	2482	II	-

X330 BODY HARNESS TO LEFT ROOF RAIL AIR BAG HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13863037
- Service Connector: 13587886
- Description: 2-Way F 1.2 MCP Series, Sealed (YE)



Connector Part Information

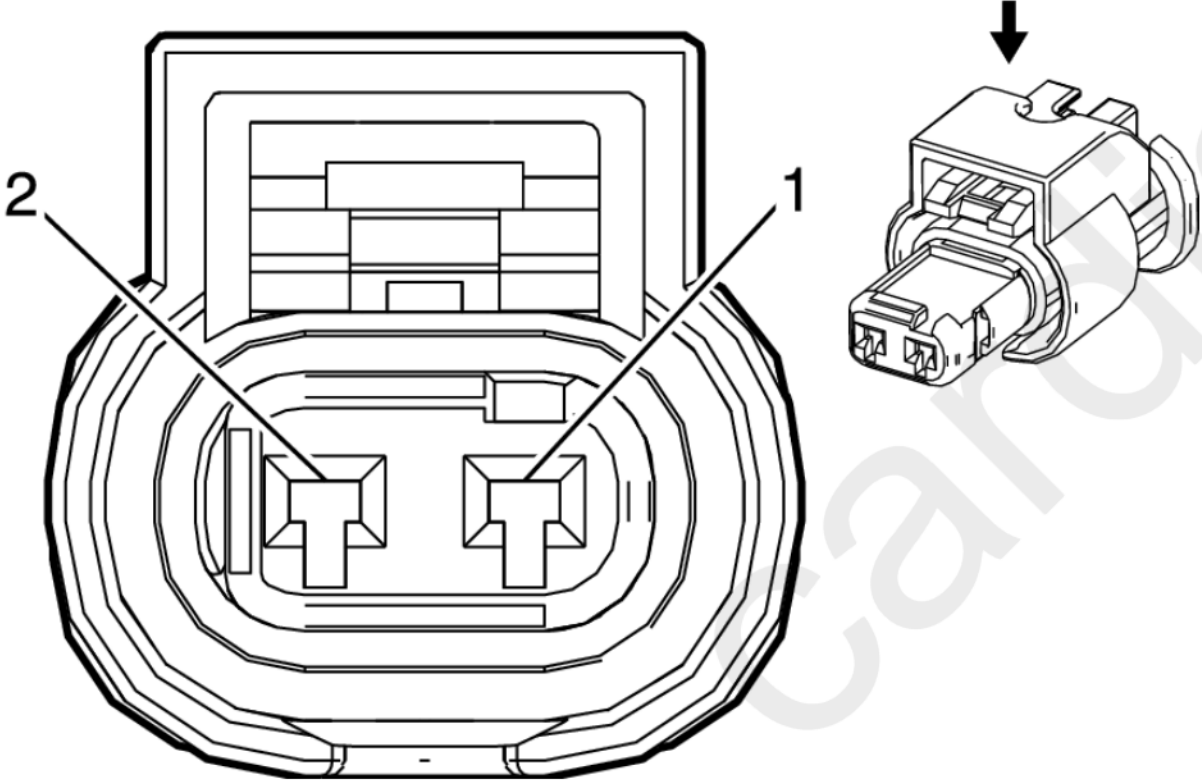
- Harness Type: Left Roof Rail Air Bag
- OEM Connector: 13580142
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (YE)

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	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

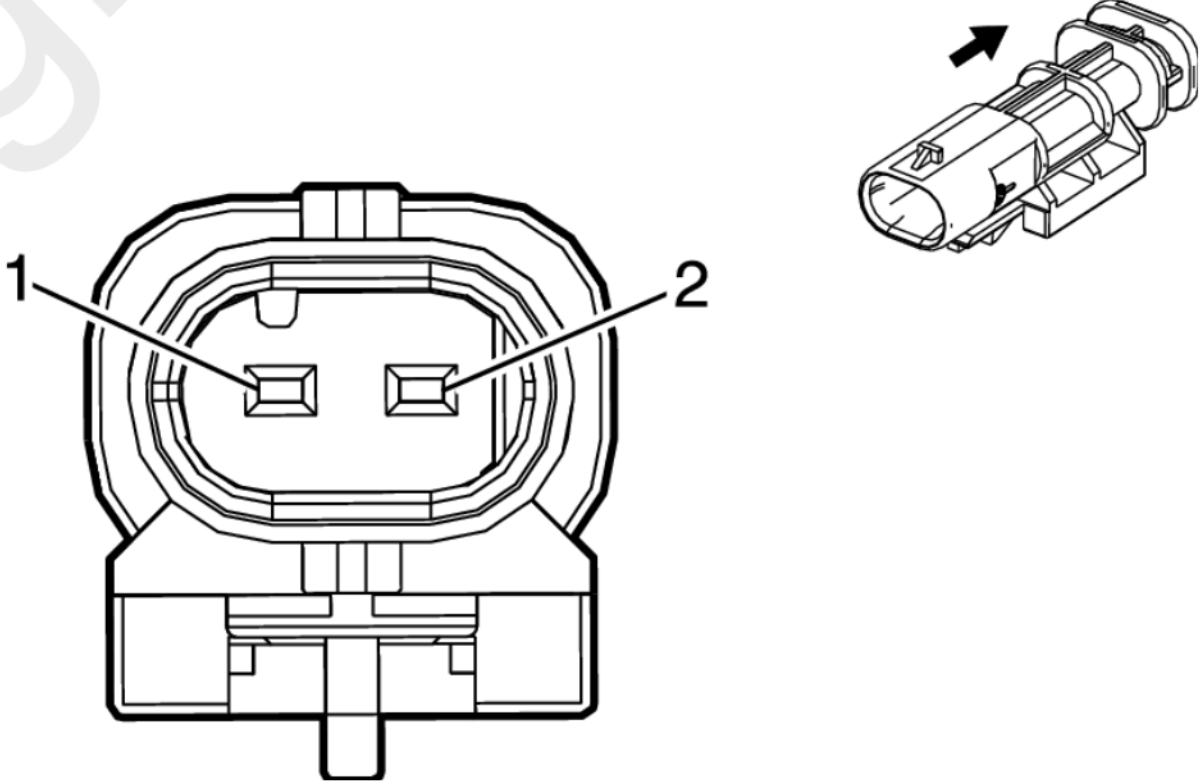
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/GN	5019	I	-	Left Front Head Curtain Module High Control	1	0.5	OG/GN	5019	II	-
2	0.5	VT/OG	5020	I	-	Left Front Head Curtain Module Low Control	2	0.5	VT/OG	5020	II	-

X340 BODY HARNESS TO RIGHT ROOF RAIL AIR BAG HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13863037
- Service Connector: 13587886
- Description: 2-Way F 1.2 MCP Series, Sealed (YE)



Connector Part Information

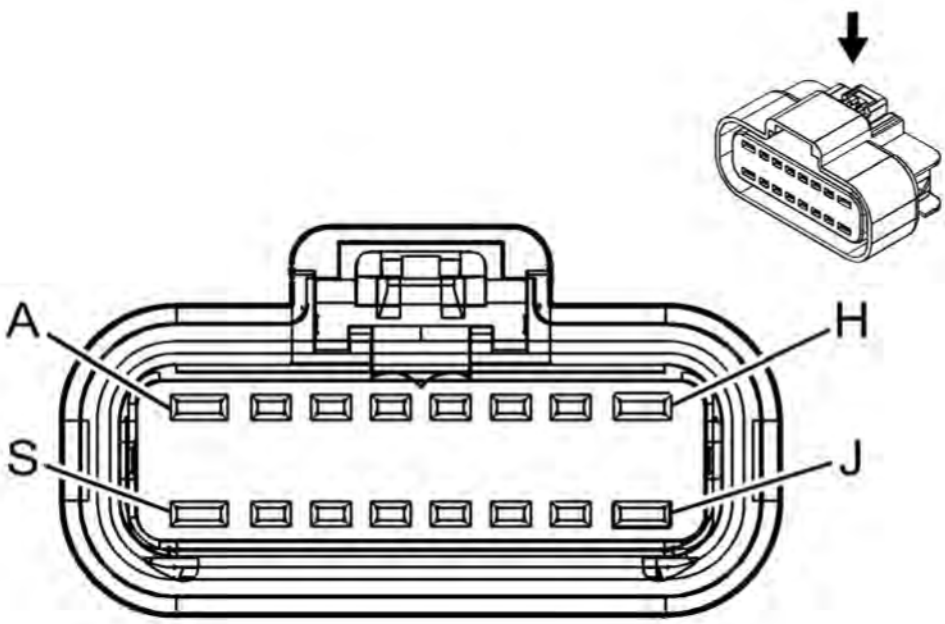
- Harness Type: Right Roof Rail Air Bag
- OEM Connector: 13580142
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (YE)

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	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

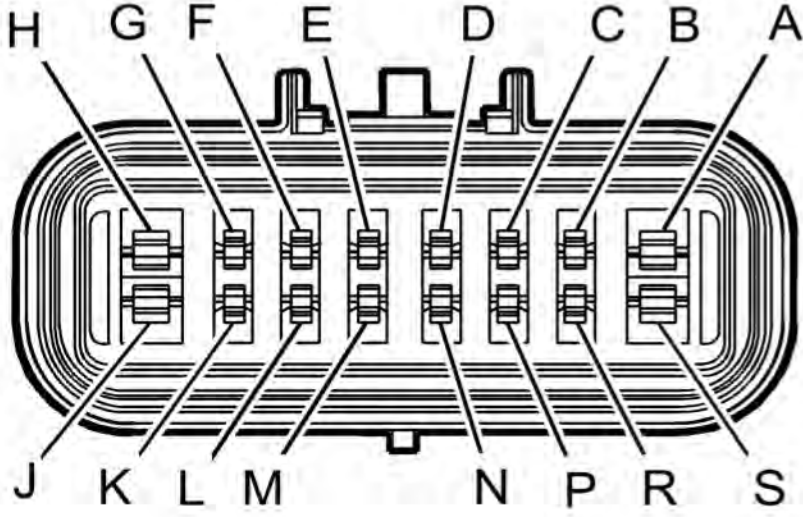
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	OG/GY	5021	I	-	Right Front Head Curtain Module High Control	1	0.5	OG/GY	5021	II	-
2	0.5	WH/OG	5022	I	-	Right Front Head Curtain Module Low Control	2	0.5	WH/OG	5022	II	-

X350 FUEL TANK HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 15326084
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 150, 280 GT Series, Sealed (BK)



Connector Part Information

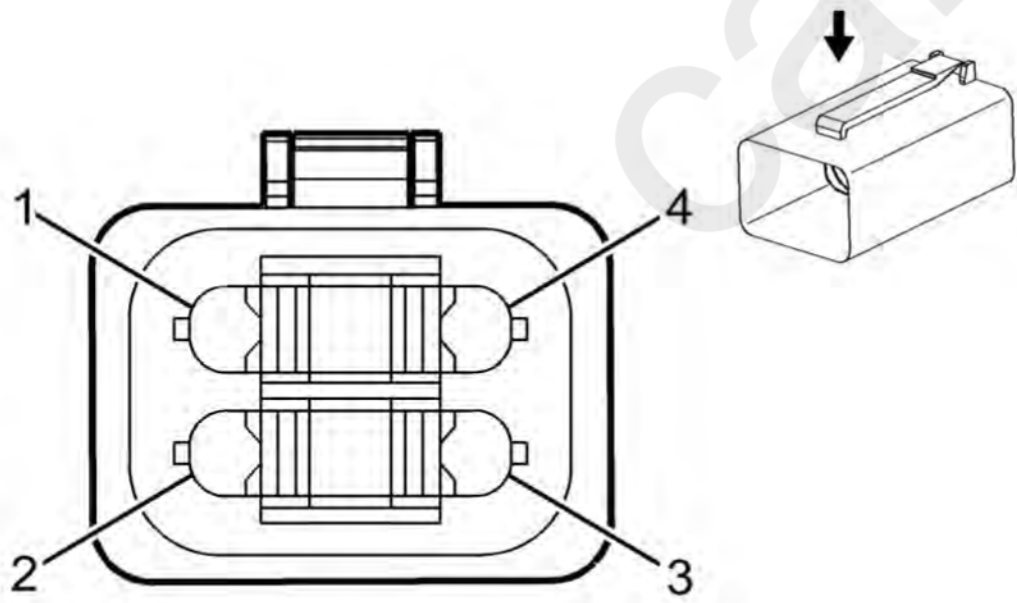
- Harness Type: Body
- OEM Connector: 15326057
- Service Connector: 88987519
- Description: 16-Way M 1.5, 2.8 GT Series, Sealed (BK)

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
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	13575443	J-35616-5 (PU)	J-38125-553	15304732	Delphi 8	A	5
IV	13576363	J-35616-3 (GY)	J-38125-553	15326269	Delphi 19	E	4
V	13580826	J-35616-5 (PU)	J-38125-553	15304731	Delphi 19	E	5

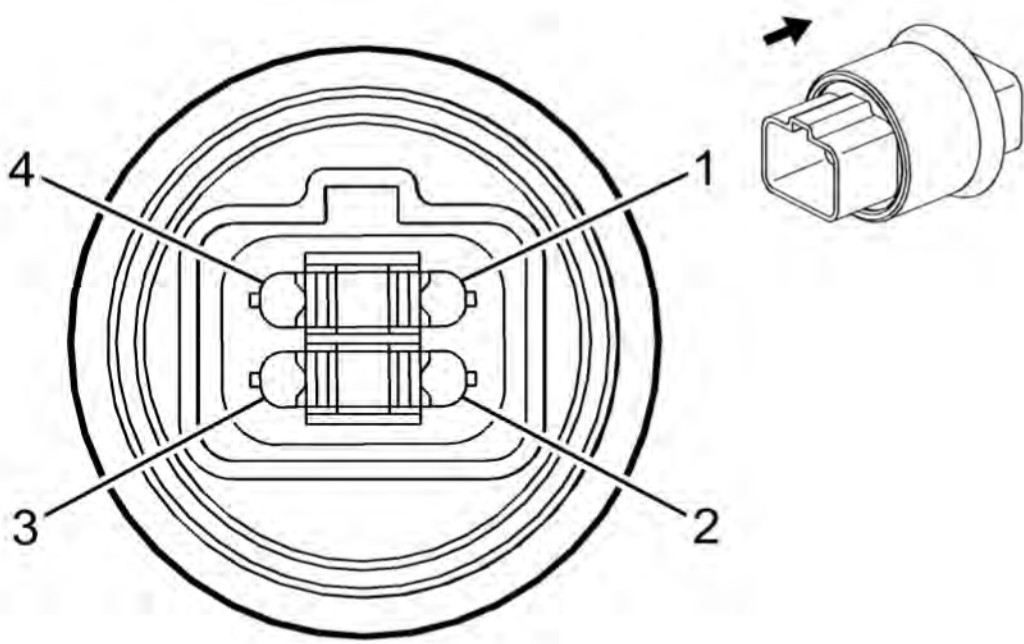
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	2	GY	120	II	-	Fuel Pump Control	A	2.5	GY	120	III	-
B	0.5	BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	B	0.35	BU/VT	1589	IV	-
C	-	-	-	-	-	Not Occupied	C	-	-	-	-	-
D	0.5	BN/RD	2709	I	-	Fuel Tank Pressure Sensor 5V Reference	D	0.35	YE/RD	2709	IV	-
E	0.5	BU/WH	890	I	-	Fuel Tank Pressure Sensor Signal	E	0.35	OG/YE	890	IV	-
F	0.5	BK/WH	6281	I	-	Fuel Level Sensor Low Reference	F	0.35	BK/GN	6281	IV	-
G	-	-	-	-	-	Not Occupied	G	-	-	-	-	-
H	0.5	BN/RD	7445	II	-	Fuel Line Pressure Sensor 5V Reference	H	0.35	BN/RD	7445	V	-
J	-	-	-	-	-	Not Occupied	J	-	-	-	-	-
K	0.5	BU/BN	7446	I	-	Fuel Line Pressure Sensor Signal	K	0.35	BU/WH	7446	IV	-
L	0.5	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	L	0.35	BK/YE	7447	IV	-
M	0.8	RD/BU	2440	I	-	Battery Positive Voltage	M	0.35	RD/GN	2440	IV	-
N	1	WH	1310	I	-	EVAP Canister Vent Solenoid Control	N	0.35	WH	1310	IV	-
P	-	-	-	-	-	Not Occupied	P	-	-	-	-	-
R	0.5	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	R	0.35	BK/GN	6281	IV	-
S	2	BK/GN	1580	II	-	Fuel Pump Low Reference	S	2.5	BK/GN	1580	III	-

X351 BODY HARNESS TO BODY HARNESS (LFR)



Connector Part Information

- Harness Type: Alternative Fuel Jumper
- OEM Connector: 10847186
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F DT Series (GY)



Connector Part Information

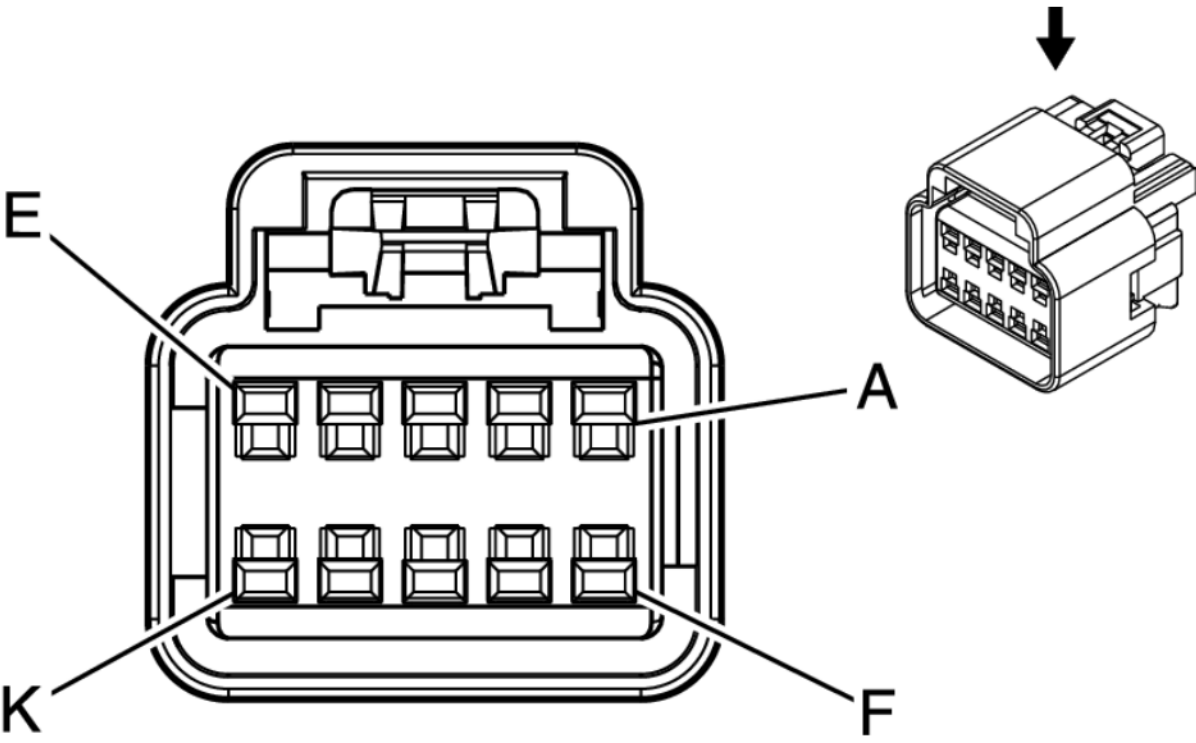
- Harness Type: Body
- OEM Connector: 15438966
- Service Connector: 19330820
- Description: 4-Way M DT Series (GY)

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-35616-3 (GY)	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

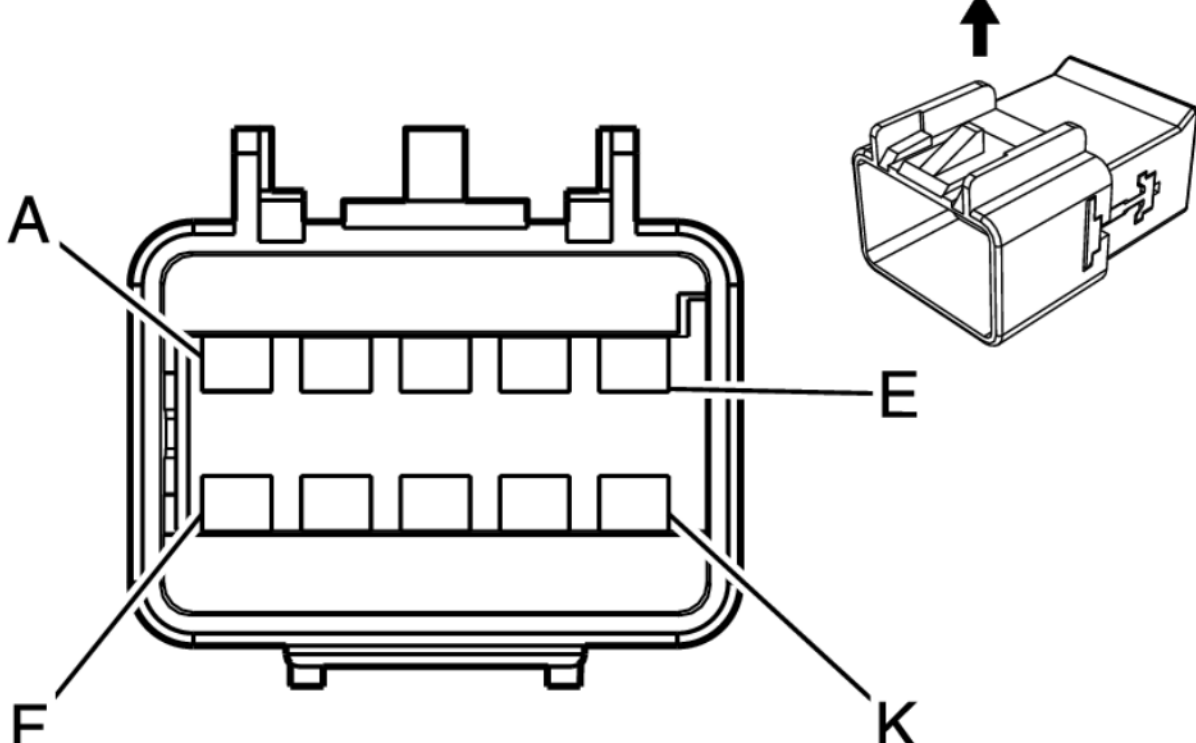
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	550	I	-	Ground	1	0.5	BK	550	II	-
2	0.5	BN/GN	4389	I	-	Fuel Tank Purge Shut Off Valve Solenoid Control 1	2	0.5	BN/GN	4389	II	-
3	0.5	BU/BN	5632	I	-	Alternative Fuel Tank Temperature Signal	3	0.5	BU/BN	5632	II	-
4	0.5	BK/GN	4392	I	-	Alternative Fuel Tank Temperature Sensor Reference	4	0.5	BK/GN	4392	II	-

X360 REAR SEAT HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 19153744
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 150 GT Series (BK)



Connector Part Information

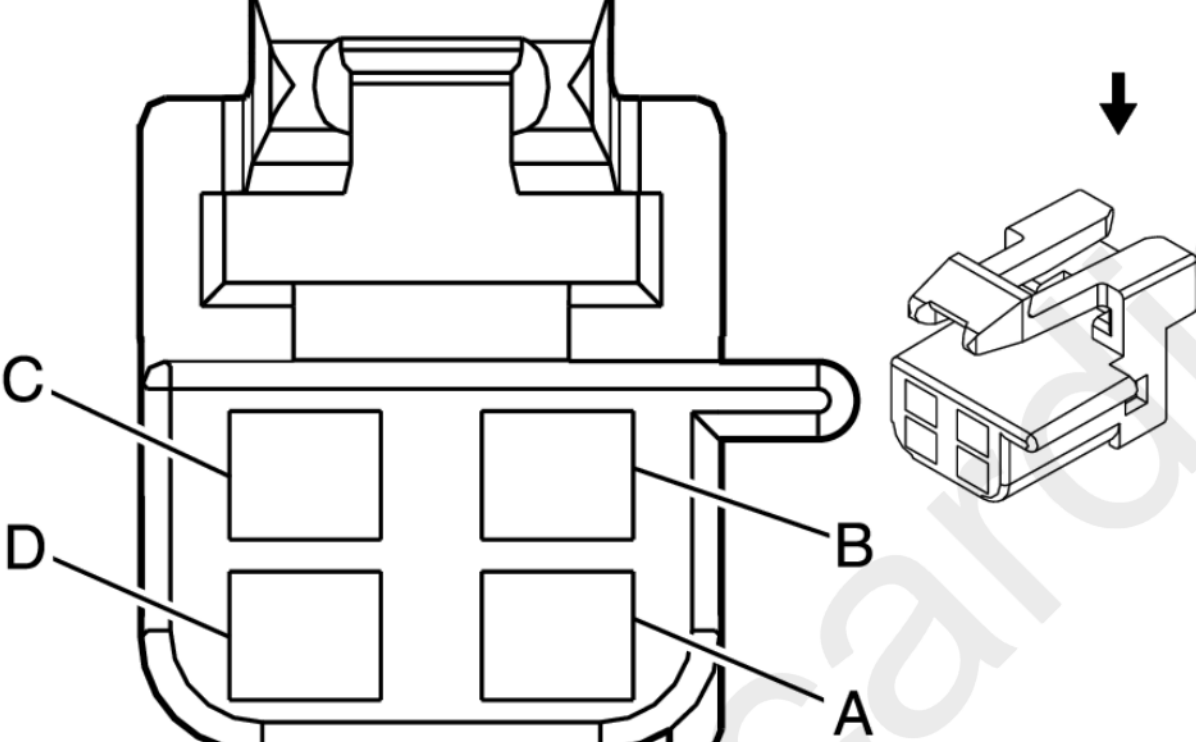
- Harness Type: Body
- OEM Connector: 15459917
- Service Connector: 19153745
- Description: 10-Way M 150 GT Series (BK)

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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575502	J-35616-3 (GY)	J-38125-12A	15304702	Delphi 19	E	4
III	13575502	J-35616-3 (GY)	J-38125-12A	15304702	Delphi 19	E	C
IV	19177683	J-35616-3 (GY)	J-38125-12A	15304702	Delphi 19	2	4

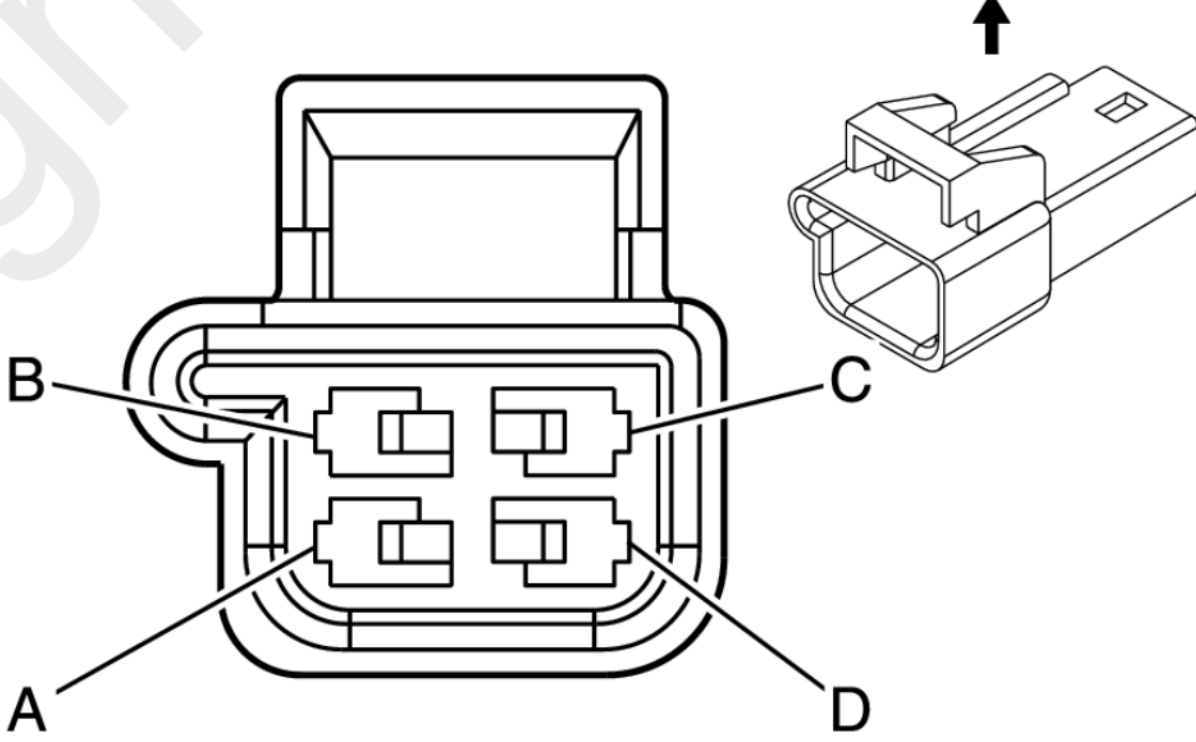
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.5	RD/GN	1540	I	-	Battery Positive Voltage	A	0.5	RD/GN	1540	II	-
B	-	-	-	-	-	Not Occupied	B	-	-	-	-	-
C	0.35	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	C	0.35	GN/BU	6133	III	-
D	0.75	RD/GY	1342	I	-	Battery Positive Voltage	D	0.75	RD/GY	1342	IV	-
E	0.75	RD/YE	1442	I	-	Battery Positive Voltage	E	0.75	RD/YE	1442	IV	-
F	0.5	BK	2550	I	-	Ground	F	0.5	BK	2550	II	-
G	-	-	-	-	-	Not Occupied	G	-	-	-	-	-
H	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	H	0.35	GN	5060	III	-
J	0.75	BK	2050	I	-	Ground	J	0.75	BK	2050	IV	-
K	-	-	-	-	-	Not Occupied	K	-	-	-	-	-

X367 REAR SEAT HARNESS TO REAR ARMREST HARNESS



Connector Part Information

- Harness Type: Rear Seat
- OEM Connector: 12064760
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 150 Metri-Pack Series (BK)



Connector Part Information

- Harness Type: Rear Armrest
- OEM Connector: 12064761
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 150 Metri-Pack Series (BK)

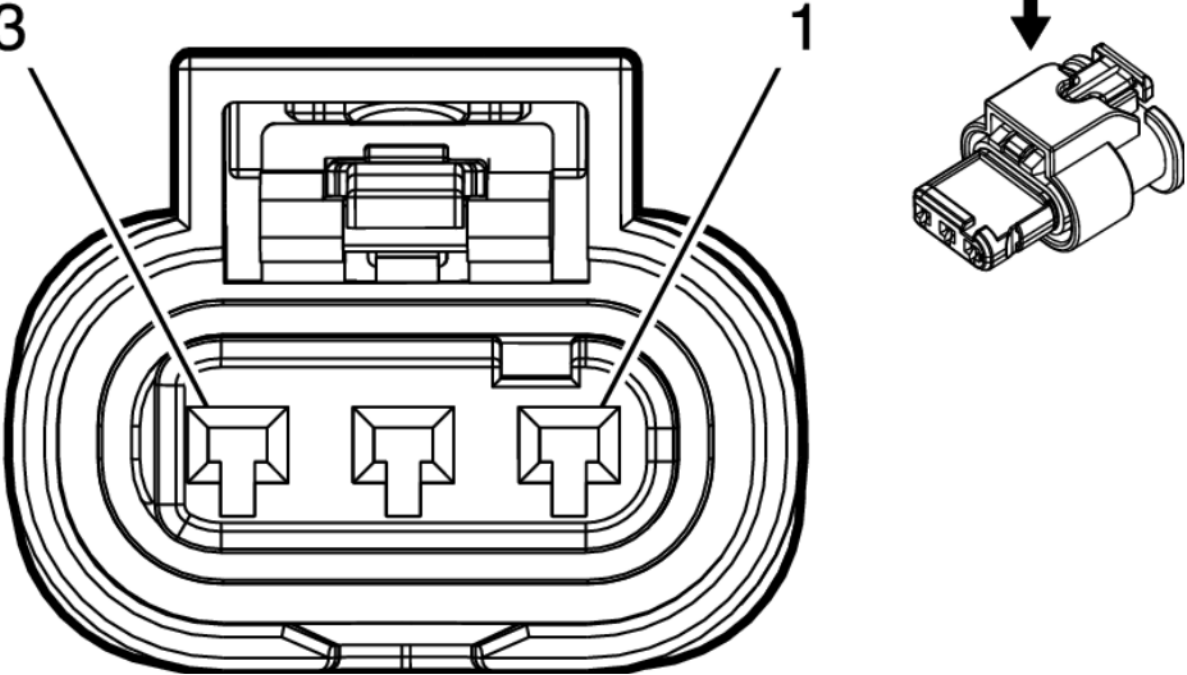
Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	.5	RD/GN	1540	I	-	Battery Positive Voltage	A	.5	RD/GN	1540	II	-
B	.35	GN	5060	I	-	Low Speed GMLAN Serial Data	B	.35	GN	5060	II	-
C	-	-	-	I	-	Not Occupied	C	-	-	-	II	-
D	.5	BK	2550	I	-	Ground	D	.5	BK	2550	II	-

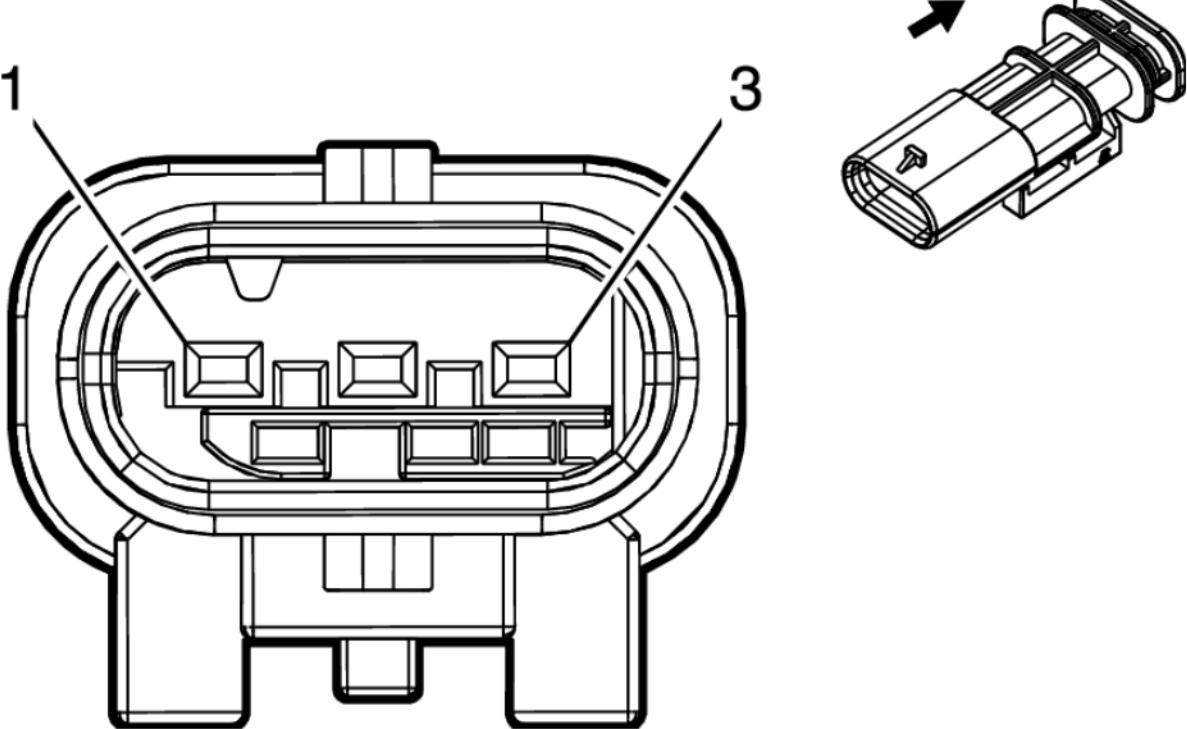
X370 BODY HARNESS TO LEFT REAR SEAT SIDE AIR BAG HARNESS





Connector Part Information

- Harness Type: Body
- OEM Connector: 13865326
- Service Connector: 19300220
- Description: 3-Way F 1.2 MCON Series, Sealed (YE)



Connector Part Information

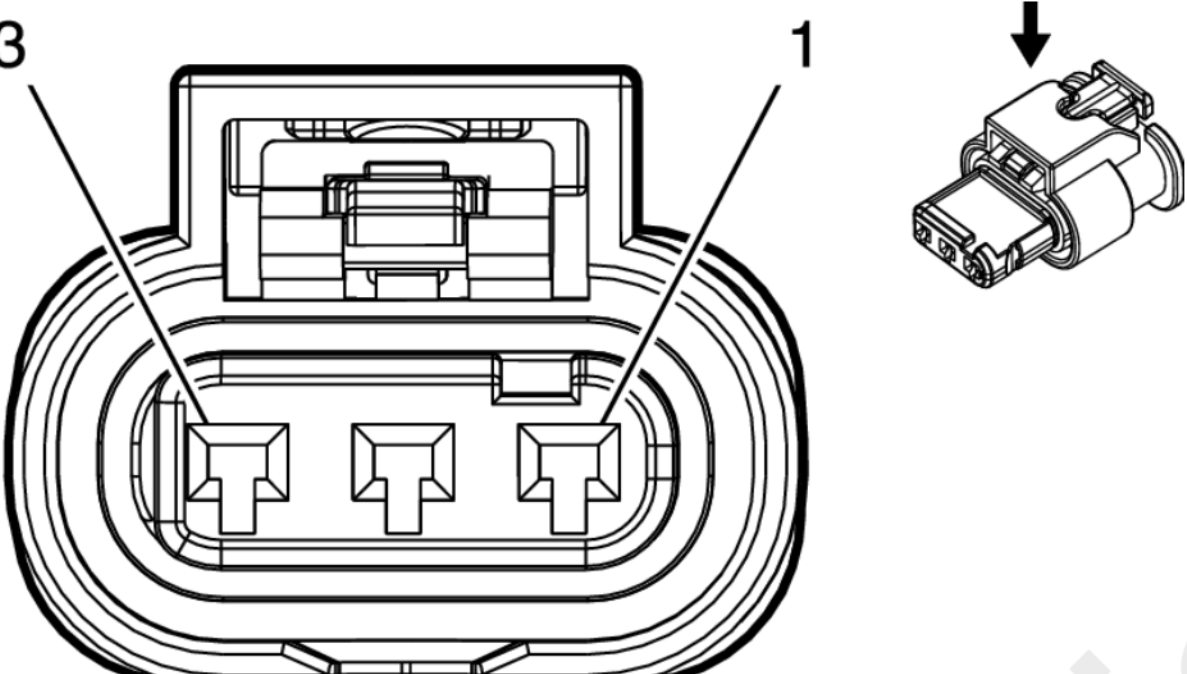
- Harness Type: Left Rear Seat Side Air Bag
- OEM Connector: 13580148
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 1.2 MCON Series, Sealed (YE)

Terminal Part Information

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

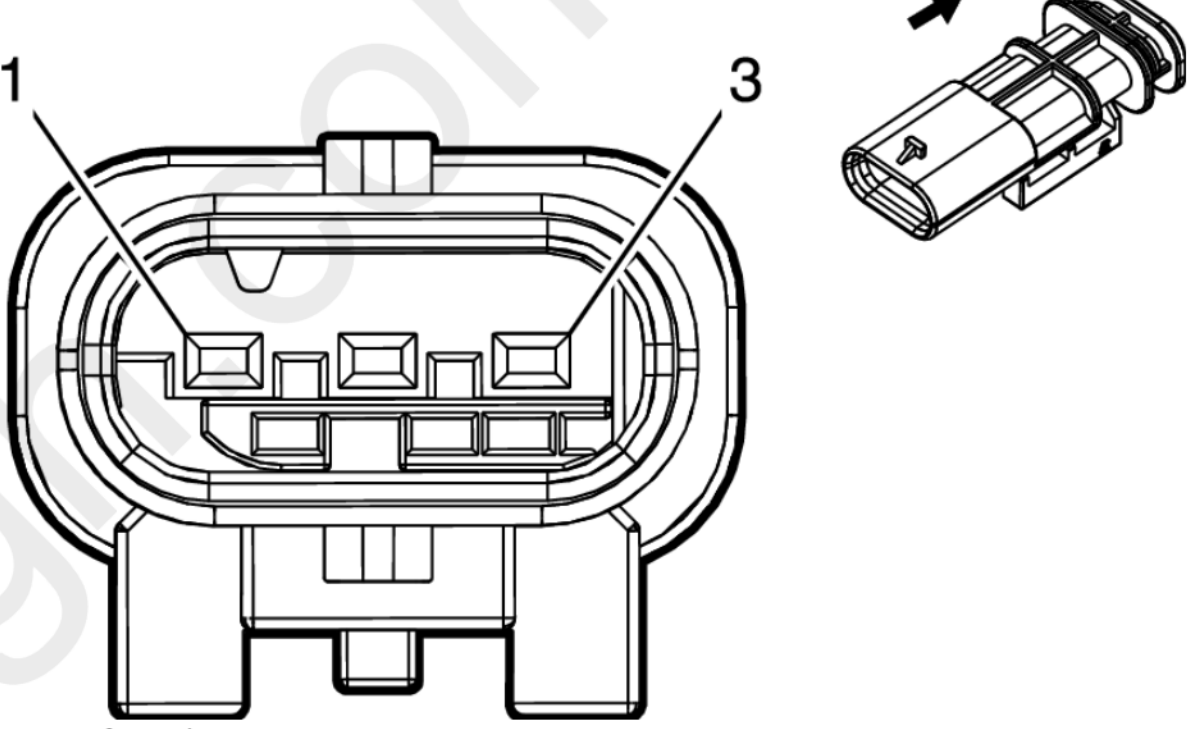
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	OG/GY	5223	I	-	Left Rear Side Impact SIR Inflator Control	1	0.35	OG/GY	5223	II	-
2	0.35	BN/OG	5224	I	-	Left Rear Side Impact SIR Inflator Control	2	0.35	BN/OG	5224	II	-
3	0.5	BK	2350	I	-	Ground	3	0.5	BK	2350	II	-

X380 BODY HARNESS TO RIGHT REAR SEAT SIDE AIR BAG HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13865326
- Service Connector: 19300220
- Description: 3-Way F 1.2 MCON Series, Sealed (YE)



Connector Part Information

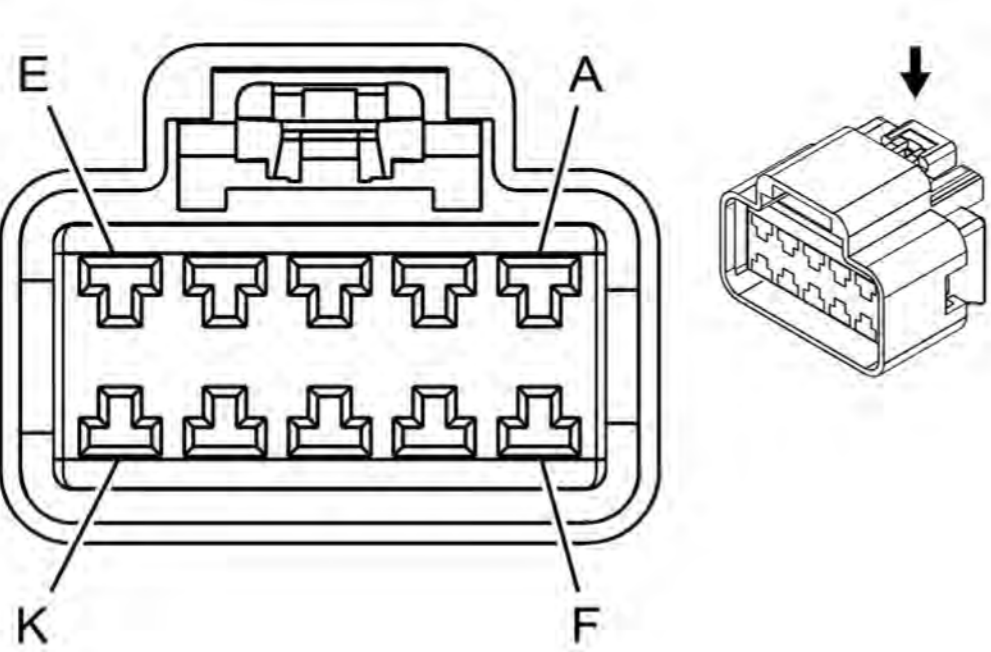
- Harness Type: Right Rear Seat Side Air Bag
- OEM Connector: 13580148
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 1.2 MCON Series, Sealed (YE)

Terminal Part Information

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

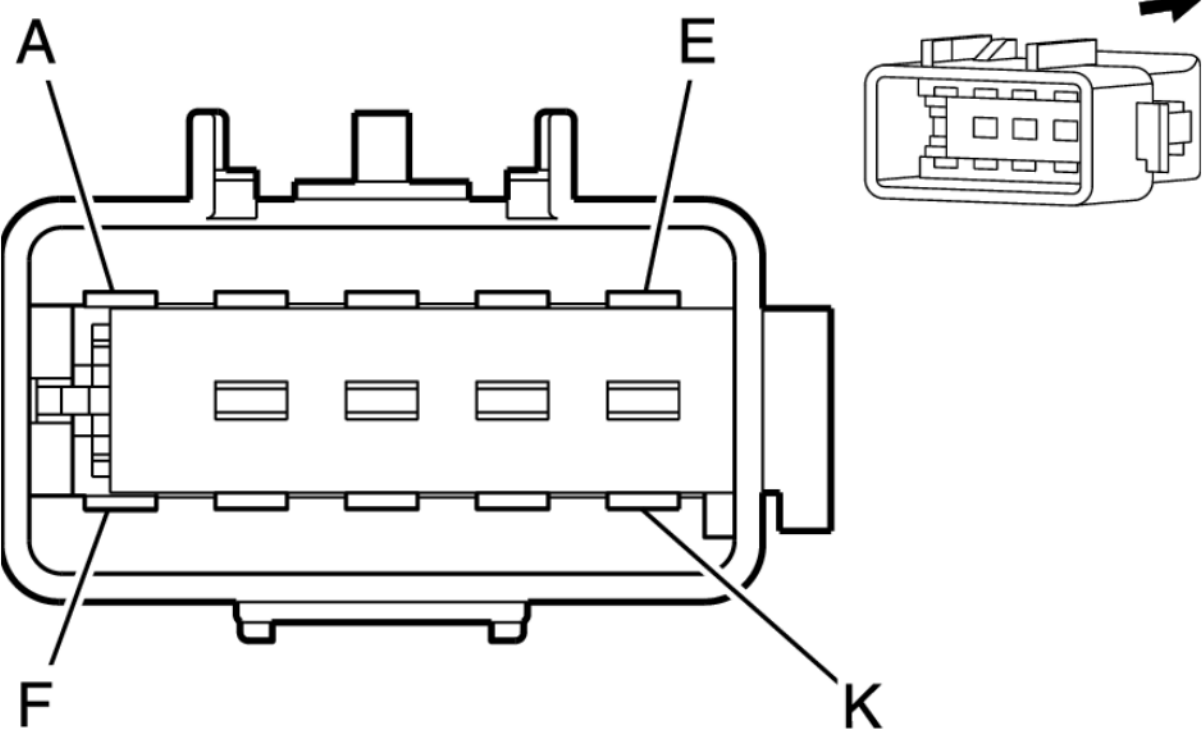
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	VT/OG	5225	I	-	Right Rear Side Impact SIR Inflator Control	1	0.35	VT/OG	5225	II	-
2	0.35	OG/GY	5226	I	-	Right Rear Side Impact SIR Inflator Control	2	0.35	OG/GY	5226	II	-
3	0.5	BK	2050	I	-	Ground	3	0.5	BK	2050	II	-

X390 SUNROOF HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Sunroof
- OEM Connector: 15326931
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 280 GT Series (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15326935
- Service Connector: 15306305
- Description: 10-Way M 280 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						Not Required
II	13575477						A
III	13575477						Not Available
IV	13575505						C
V	13575508						D

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	1.5	RD/GY	3540	I	-	Battery Positive Voltage	A	1.5	RD/GY	3540	V	-
B	0.13	BU	5027	I	-	Sunroof Switch Data 1 Signal	B	0.13	BU	5027	III	-
C	1.5	BK	2350	I	-	Ground	C	1.5	BK	2150	V	-
D	0.13	YE	128	I	-	Sunroof Switch Low Reference	D	0.13	YE	128	III	-
E	0.5	GN/BN	6132	I	C3U	Local Interconnect	E	0.35	GN/BN	6132	IV	C3U
	0.35	GN/BN	6132	I	-C3U	Network Serial Data Bus 1		0.35	GN/BN	6132	II	-C3U
F	1.5	RD/GY	3540	I	-	Local Interconnect	F	1.5	RD/GY	3540	V	-
G	0.13	GY	3032	I	-	Network Serial Data Bus 1	G	0.13	GY	3032	III	-
H	1.5	BK	2350	I	-	Battery Positive Voltage	H	1.5	BK	2150	V	-
J - K	-	-	-	-	-	Front Sunshade Switch Signal	J - K	-	-	-	-	-
						Ground						
						Not Occupied						

Article GUID: A00871518

2017 ELECTRICAL

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

INLINE HARNESS CONNECTOR END VIEWS

X400 HEADLINER HARNESS TO BODY HARNESS

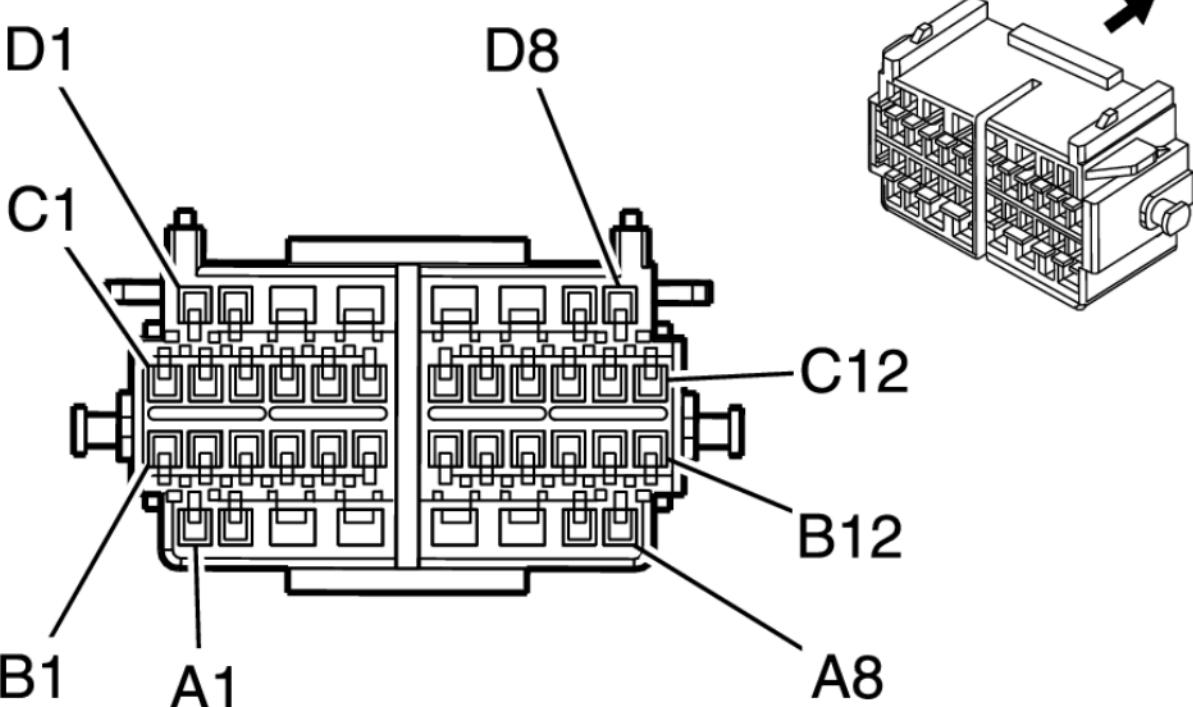


Diagram showing the end view of the X400 Headliner Harness Connector. The connector is a 40-way F 150, 280 GT Series (BK) connector. It features a central vertical divider. Terminals are labeled: D1 (top left), D8 (top right), C1 (middle left), C12 (middle right), B1 (bottom left), A1 (bottom center), B12 (bottom right), and A8 (bottom right, below B12). An inset shows the connector from a different angle with an arrow pointing to the top.

Connector Part Information

- Harness Type: Headliner
- OEM Connector: 15448129
- Service Connector: 89046969
- Description: 40-Way F 150, 280 GT Series (BK)

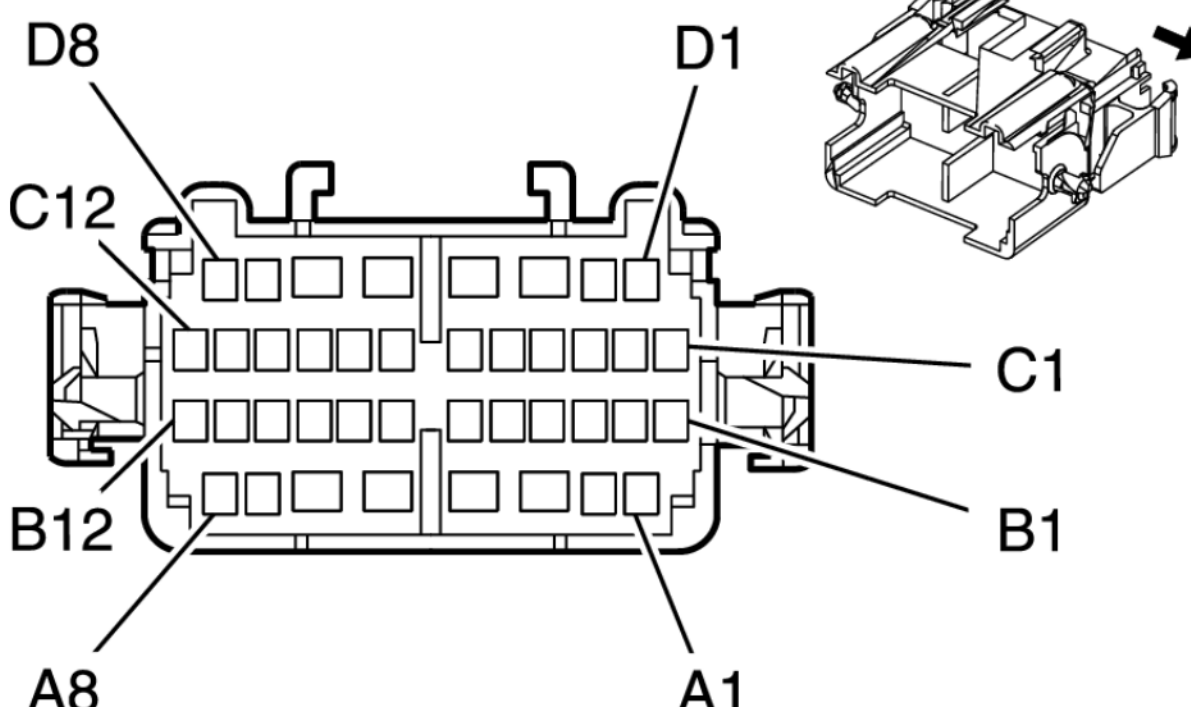


Diagram showing the end view of the X400 Body Harness Connector. The connector is a 40-way M 150, 280 GT Series (BK) connector. It features a central vertical divider. Terminals are labeled: D8 (top left), D1 (top right), C12 (middle left), C1 (middle right), B12 (bottom left), A8 (bottom center), B1 (bottom right), and A1 (bottom right, below B1). An inset shows the connector from a different angle with an arrow pointing to the top.

Connector Part Information

- Harness Type: Body
- OEM Connector: 15416976
- Service Connector: 89047197
- Description: 40-Way M 150, 280 GT Series (BK)

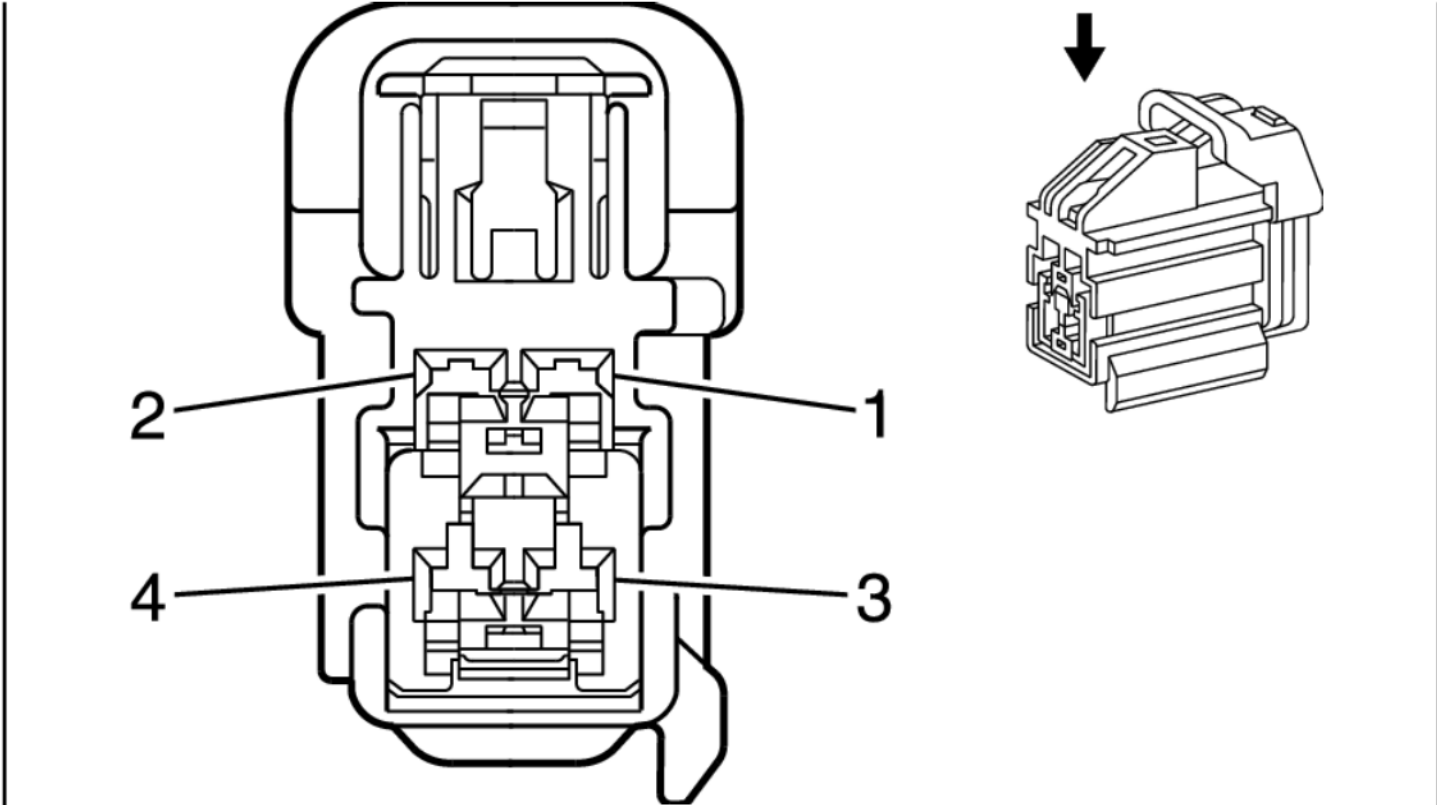
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575735	J-35616-14 (GN)	J-38125-553	12191812	Delphi 19	E	C
II	13575753	J-35616-4A (PU)	J-38125-553	15304711	Delphi 8	2	A
III	13579953	J-35616-14 (GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available
IV	13575500	J-35616-3 (GY)	J-38125-553	15304702	Delphi 19	E	4
V	13575500	J-35616-3 (GY)	J-38125-553	15304702	Delphi 19	E	C
VI	13575502	J-35616-3 (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available
VII	13575507	J-35616-5 (PU)	J-38125-553	15304724	Delphi 8	2	A
VIII	19177683	J-35616-3 (GY)	J-38125-553	15304702	Delphi 19	2	4

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A1	-	-	-	-	-	Not Occupied	A1	-	-	-	-	-
A2	0.35	RD/VT	1940	I	-	Battery Positive Voltage	A2	0.35	RD/VT	1940	V	-
A3 - A5	-	-	-	-	-	Not Occupied	A3 - A5	-	-	-	-	-
A6	0.75	BK	2550	II	-	Ground	A6	0.75	BK	2550	VII	-
A7	0.35	GN/BK	3008	I	-	Noise Reduction Microphone 1 Low Reference	A7	0.35	GN/BK	3008	V	-
A8	0.35	GN/BN	3005	I	-	Noise Reduction Microphone 1 Signal	A8	0.35	GN/BN	3005	V	-
B1	0.13	VT	5234	III	-	Passenger Seat Belt Indicator Control	B1	0.13	VT	5234	VI	-
B2	0.13	BU	2307	III	-	Passenger Air Bag On Indicator Control	B2	0.13	BU	2307	VI	-
B3	0.13	GN	2308	III	-	Passenger Air Bag Off Indicator Control	B3	0.13	GN	2308	VI	-
B4	0.35	GY	157	I	-	Interior Lamp Control	B4	0.35	GY	157	V	-
B5	0.35	GY	156	I	-	Courtesy Lamp Switch Signal	B5	0.13	GY	156	VI	-
B6	0.35	GY/GN	328	I	-	Interior Lamp Defeat Switch Signal	B6	0.13	YE	328	VI	-
B7	0.35	YE	6817	I	-	LED Backlight Dimming Control	B7	0.35	YE	6817	V	-
B8	0.35	BK/GY	128	I	-	Sunroof Switch Low Reference	B8	0.13	YE	128	VI	-
B9	0.35	BU/VT	5027	I	-	Sunroof Switch Data 1 Signal	B9	0.13	BU	5027	VI	-
B10	-	-	-	-	-	Not Occupied	B10	-	-	-	-	-
B11	0.35	BU/GY	3032	I	-	Front Sunshade Switch Signal	B11	0.13	GY	3032	VI	-
B12	-	-	-	-	-	Not Occupied	B12	-	-	-	-	-
C1	0.35	GN/BK	2515	I	-	Keypad Control	C1	0.13	GN	2515	VI	-
C2	0.35	GN/WH	2514	I	-	Keypad Signal	C2	0.13	WH	2514	VI	-
C3	0.35	YE/VT	2516	I	-	Keypad Green LED Control	C3	0.13	YE	2516	VI	-
C4	0.35	BN/WH	2517	I	-	Keypad Red LED Control	C4	0.13	BN	2517	VI	-
C5	0.35	BU/BK	3009	I	-	Noise Reduction Microphone 2 Low Reference	C5	0.35	BU/BK	3009	V	-
C6	0.35	BU/YE	3006	I	-	Noise Reduction Microphone 2 Signal	C6	0.35	BU/YE	3006	V	-
C7	0.35	BK	2350	I	-	Ground	C7	0.75	BK	2350	VIII	-
C8	0.5	WH/YE	7557	I	-	LED Ambient Lighting Control 1	C8	0.35	WH/YE	7557	V	-
C9	0.5	WH/BN	6815	I	-	Inadvertent Power Control	C9	0.35	WH/BN	6815	V	-
C10	0.35	GY/BN	3010	I	-	Noise Reduction Microphone 3 Low Reference	C10	0.35	GY/BN	3010	V	-
C11	0.35	GY/BU	3007	I	-	Noise Reduction Microphone 3 Signal	C11	0.35	GY/BU	3007	V	-
C12	0.35	VT/GY	139	I	-	Run/Crank Ignition 1 Voltage	C12	0.5	VT/GY	139	IV	-
D1	0.35	BK/BN	654	I	-	Cellular Telephone Microphone Low Reference	D1	0.35	BK/BN	654	V	-
D2	0.35	BU	655	I	-	Cellular Telephone Microphone Signal	D2	0.35	BU	655	V	-
D3 - D8	-	-	-	-	-	Not Occupied	D3 - D8	-	-	-	-	-

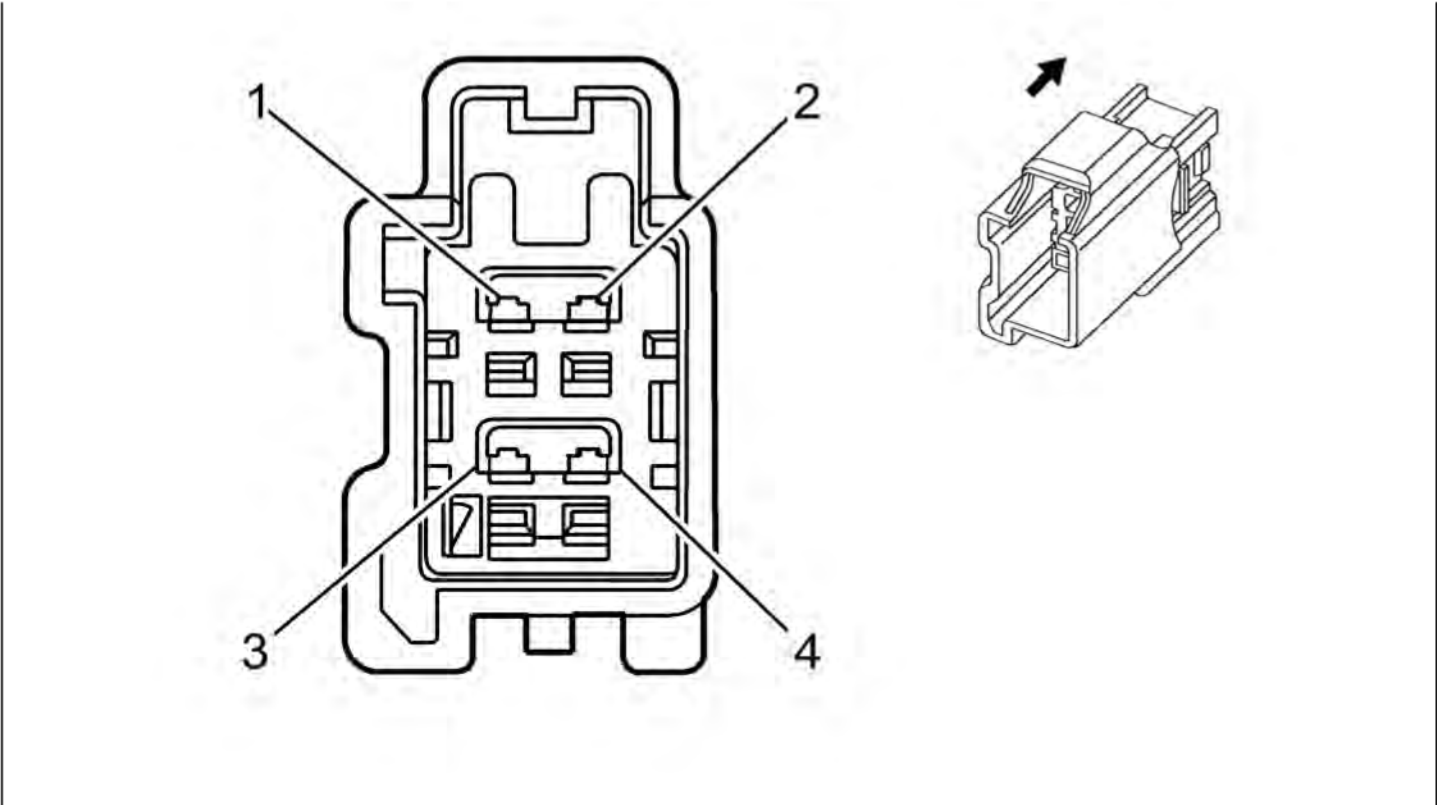
X410 BODY HARNESS TO LEFT TAIL LAMP ASSEMBLY HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 10846820
- Service Connector: 19367527
- Description: 4-Way F YESC Kaizen Series (L-GY)



Connector Part Information

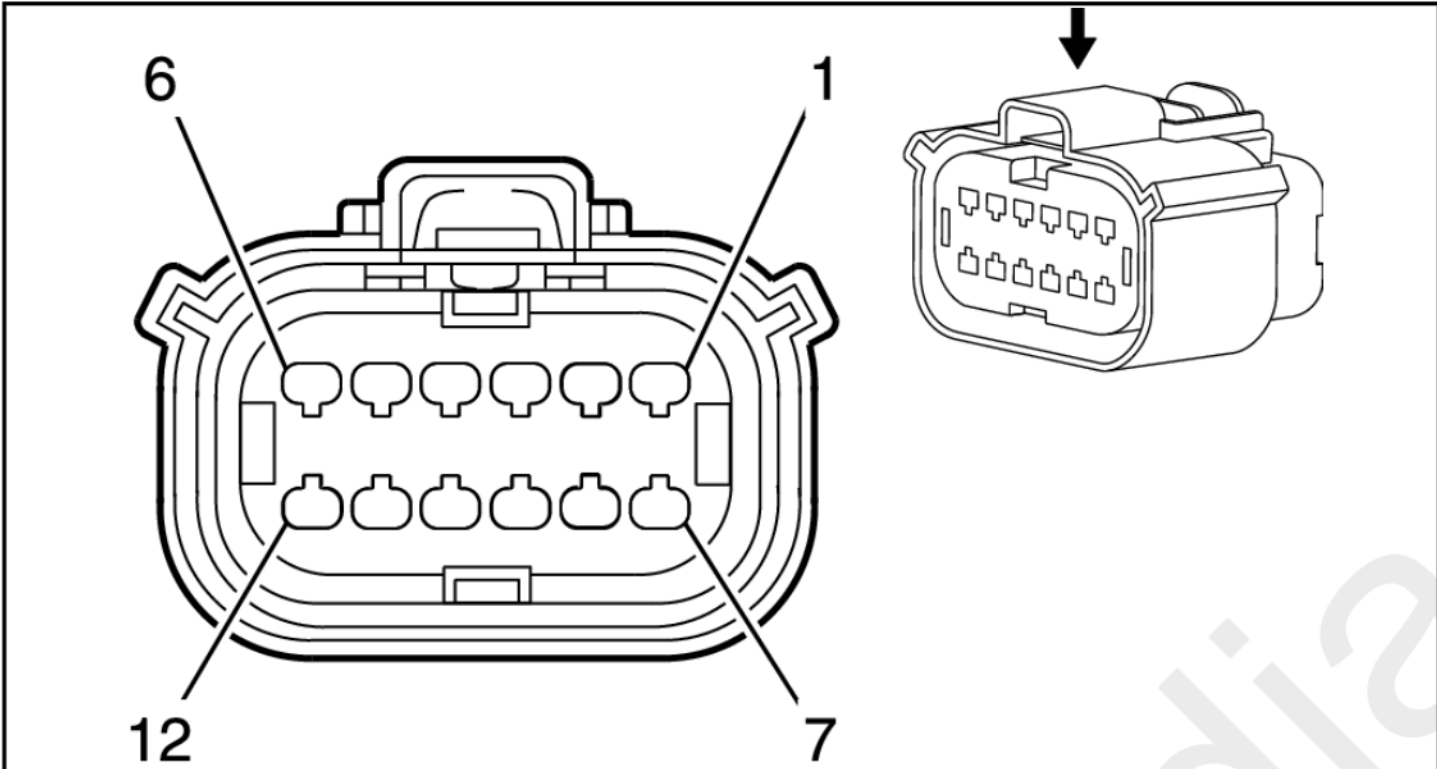
- Harness Type: Left Tail Lamp Assembly
- OEM Connector: 13580899
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5 Series (L-GY)

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
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

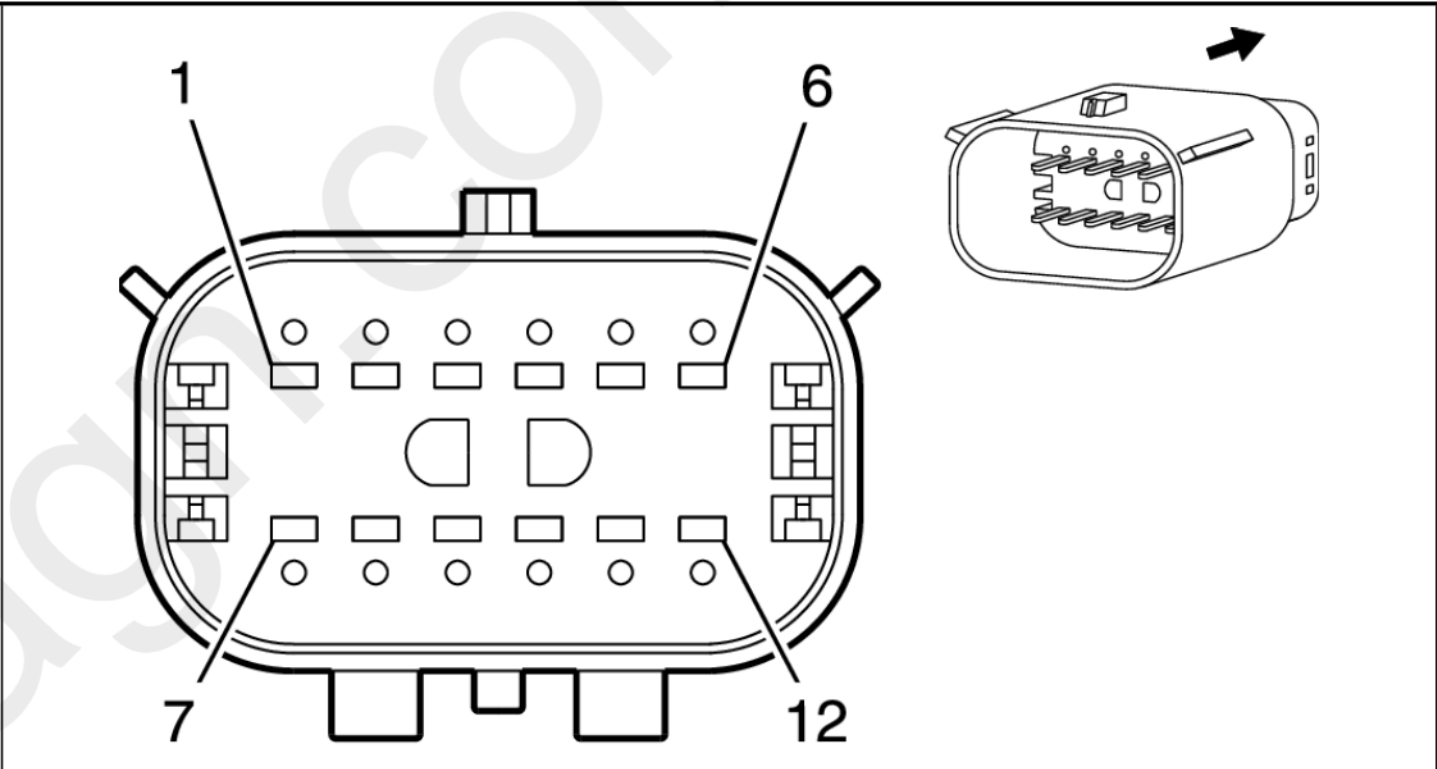
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BK	2550	I	-	Ground	1	0.75	BK	2550	II	-
2	0.5	VT/GY	709	I	-	Left Park Lamp Control	2	0.5	VT/GY	709	II	-
3	0.5	GN/WH	24	I	-	Backup Lamp Control	3	0.5	GN/WH	24	II	-
4	0.5	YE/BU	18	I	-	Left Rear Stop/Turn Lamp Control	4	0.5	YE/BU	18	II	-

X415 REAR BUMPER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 13653762
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

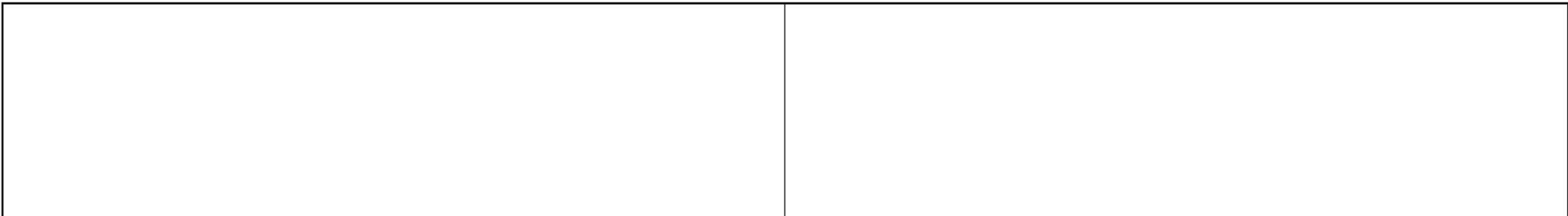
- Harness Type: Body
- OEM Connector: 33139966
- Service Connector: 13503540
- Description: 12-Way M 150 MX Series, Sealed (BK)

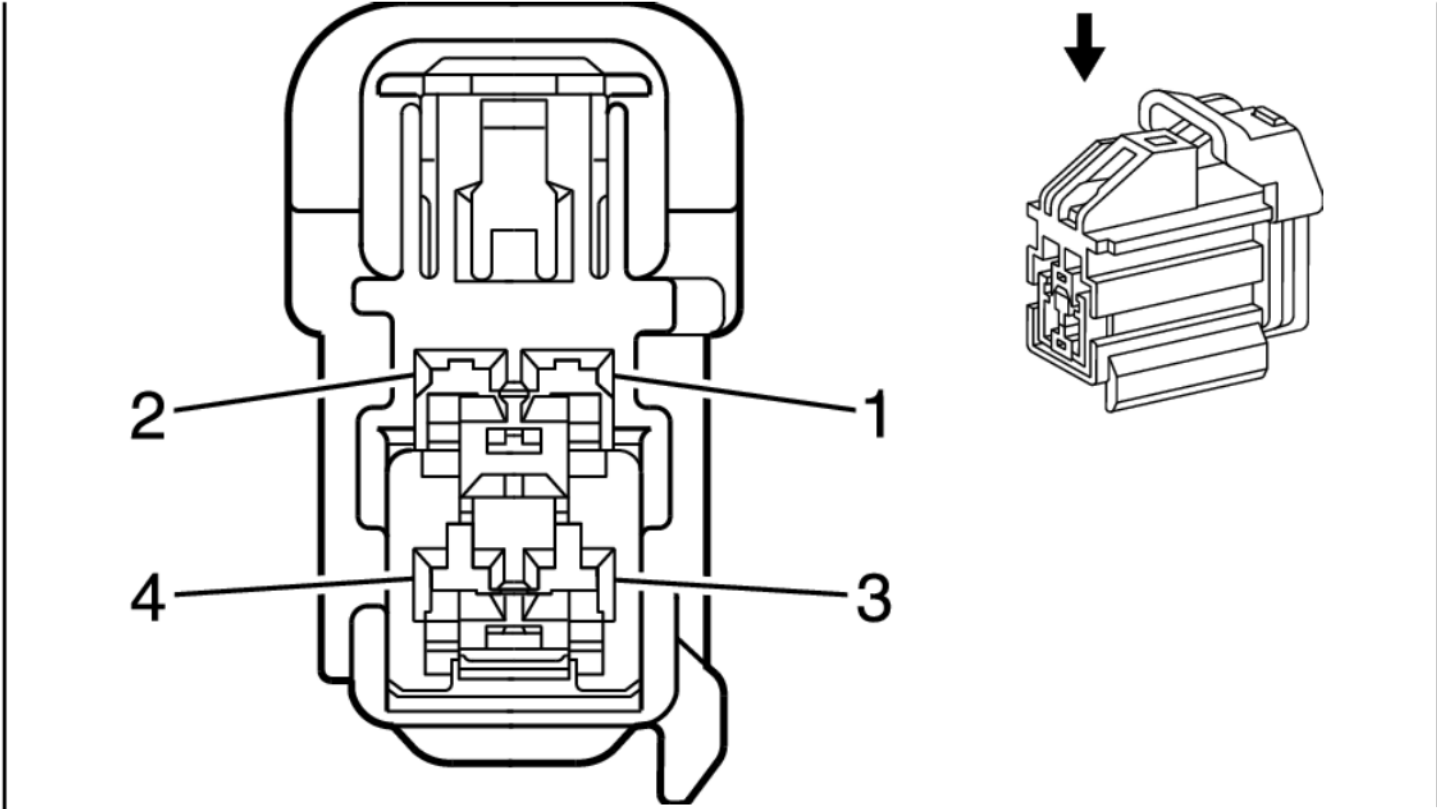
Terminal Part Information

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
II	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.5	RD/GN	3140	I	-	Battery Positive Voltage	2	0.5	RD/GN	3140	II	-
3	0.5	BN/WH	2374	I	-	Object Sensor Control	3	0.5	BN/WH	2374	II	-
4	0.5	YE/BU	2376	I	-	Left Rear Middle Object Sensor Signal	4	0.5	YE/BU	2376	II	-
5	0.5	BK/GY	2379	I	-	Object Sensor Low Reference	5	0.5	BK/GY	2379	II	-
6	0.35	GN/BK	5060	I	-	Low Speed GMLAN Serial Data	6	0.35	GN/BK	5060	III	-
7	0.5	BK	2350	I	-	Ground	7	0.5	BK	2350	II	-
8	0.35	GY/YE	5853	I	-	Driver Side Object Detection LED Signal 1	8	0.35	GY/YE	5853	III	-
9	0.5	YE	2375	I	-	Left Rear Corner Object Sensor Signal	9	0.5	YE	2375	II	-
10	0.5	YE/WH	2377	I	-	Right Rear Middle Object Sensor Signal	10	0.5	YE/WH	2377	II	-
11	0.5	YE/VT	2378	I	-	Right Rear Corner Object Sensor Signal	11	0.5	YE/VT	2378	II	-
12	0.35	GY	5861	I	-	Passenger Side Object Detection LED Signal 1	12	0.35	GY	5861	III	-

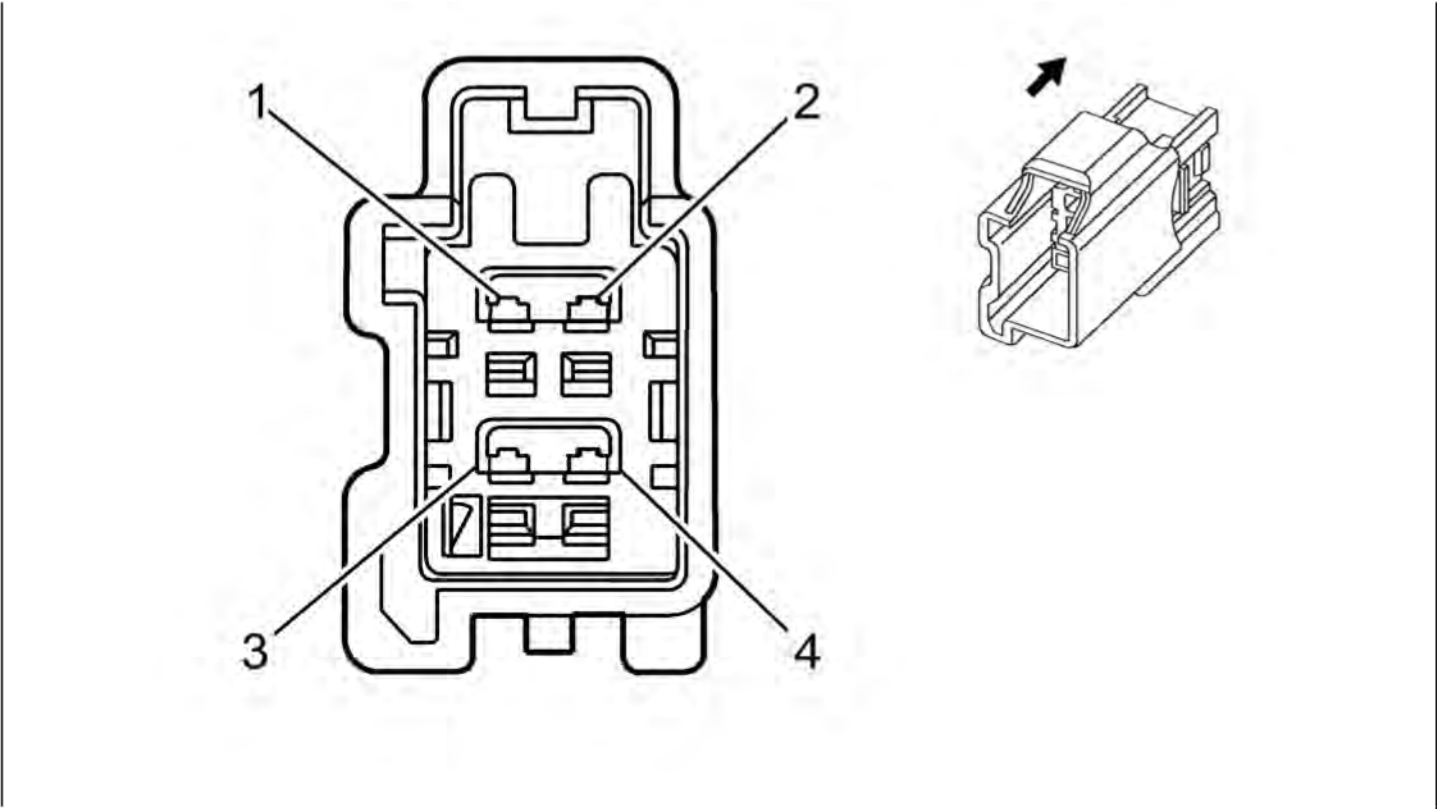
X420 BODY HARNESS TO RIGHT TAIL LAMP ASSEMBLY HARNESS





Connector Part Information

- Harness Type: Body
- OEM Connector: 10846820
- Service Connector: 19367527
- Description: 4-Way F YESC Kaizen Series (L-GY)



Connector Part Information

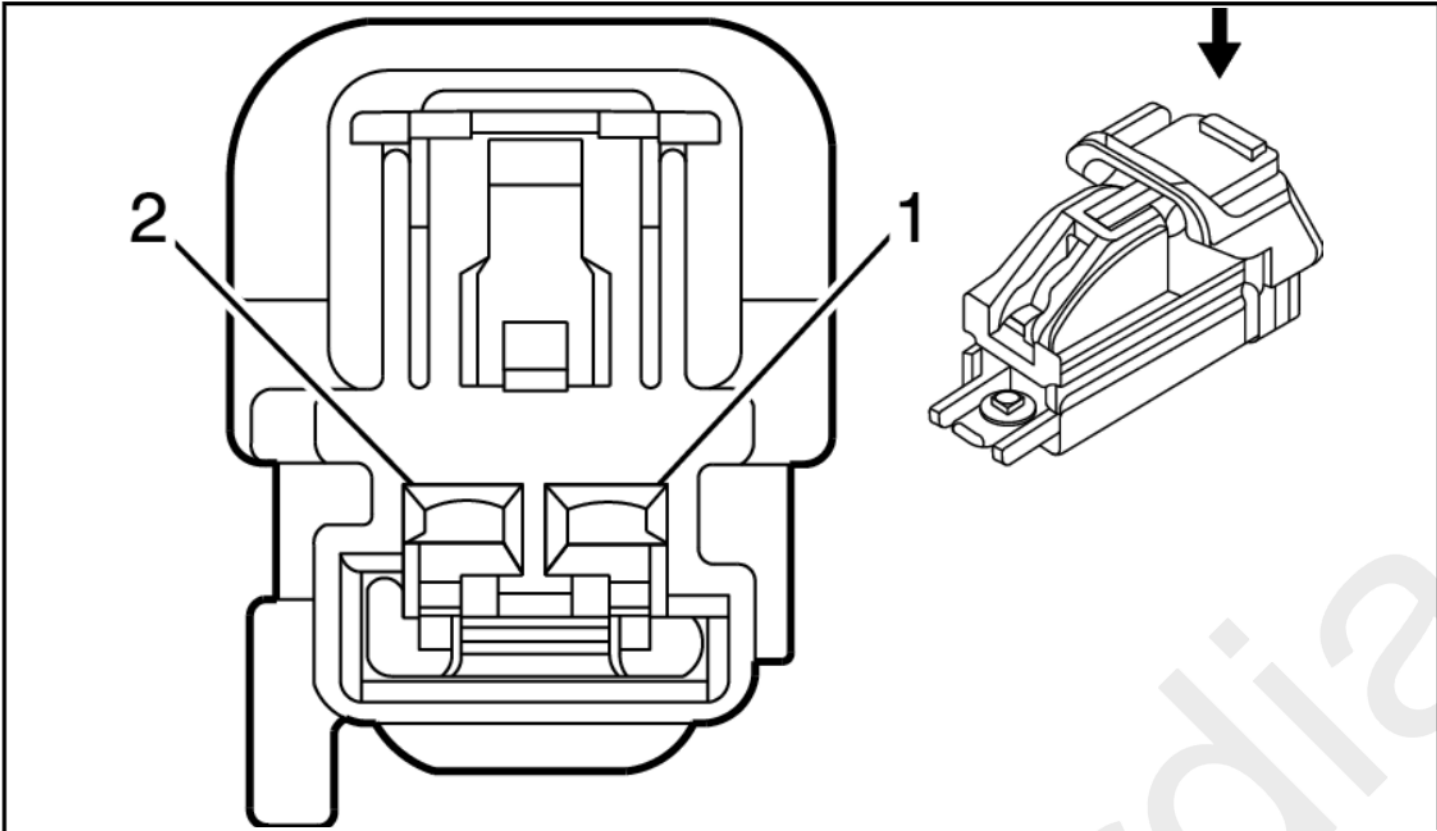
- Harness Type: Right Tail Lamp Assembly
- OEM Connector: 13580899
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5 Series (L-GY)

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
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

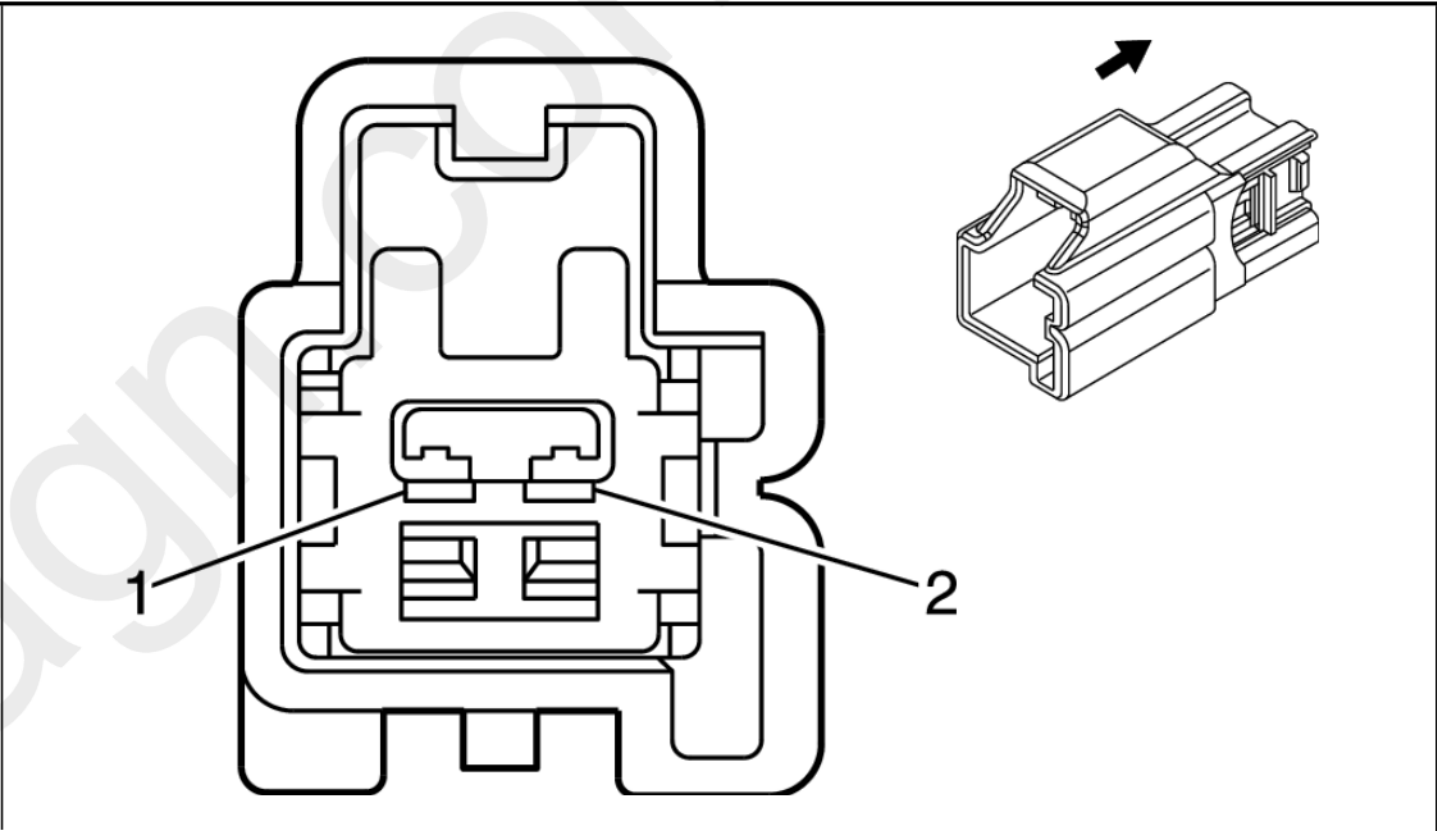
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BK	550	I	-	Ground	1	0.75	BK	550	II	-
2	0.5	GY/BN	309	I	-	Right Park Lamp Control	2	0.5	GY/BN	309	II	-
3	0.5	GN/WH	24	I	-	Backup Lamp Control	3	0.5	GN/WH	24	II	-
4	0.5	BN/GN	19	I	-	Right Rear Stop/Turn Lamp Control	4	0.5	BN/GN	19	II	-

X495 BODY HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 10846794
- Service Connector: 19367525
- Description: 2-Way F 1.5 YESC Series (L-GY)



Connector Part Information

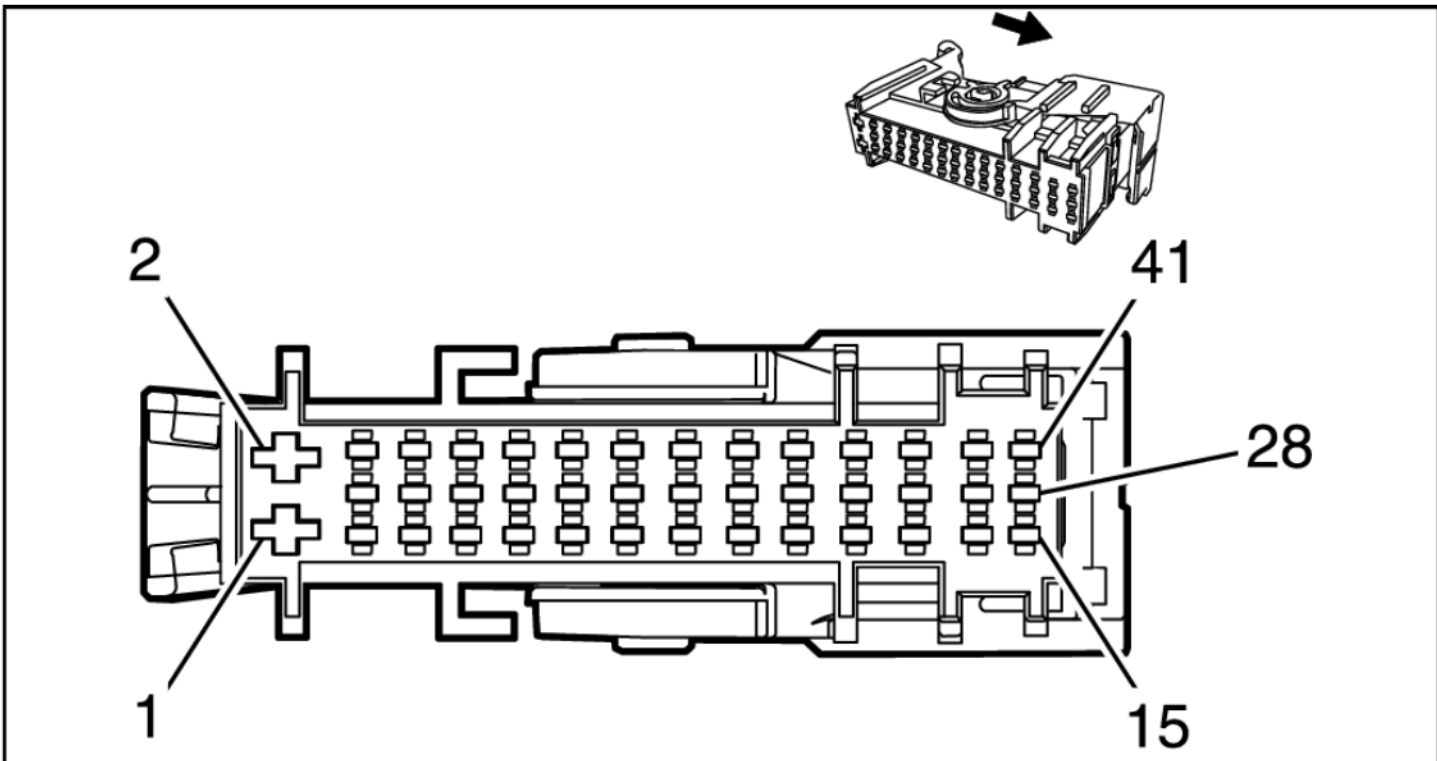
- Harness Type: Body
- OEM Connector: 10846798
- Service Connector: 19367526
- Description: 2-Way M 1.5 Series (L-GY)

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
II	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

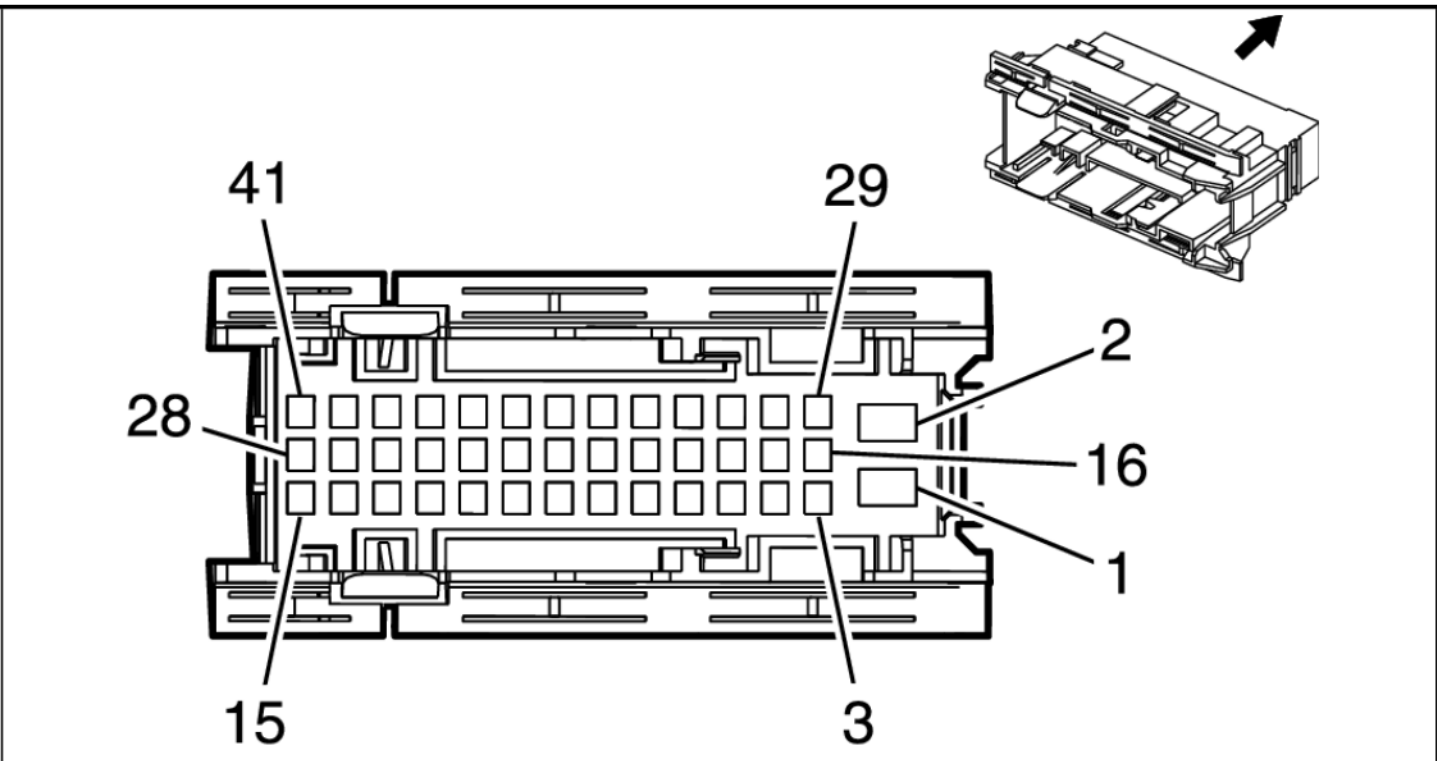
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GY/VT	3998	I	-	MOST Serial Data (+) MOST Serial Data (+)	1	0.5	GY/VT	3998	II	-
2	0.5	WH/GN	3997	I	-	MOST Serial Data (-) MOST Serial Data (-)	2	0.5	WH/GN	3997	II	-

X500 DRIVER DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13600509
- Service Connector: Service by Harness - See Part Catalog
- Description: 41-Way F 4.8 Timer, 1.5 DSQ Series



Connector Part Information

- Harness Type: Body
- OEM Connector: 13946876
- Service Connector: 13587760
- Description: 41-Way M 1.5, 2.8 Series (GY)

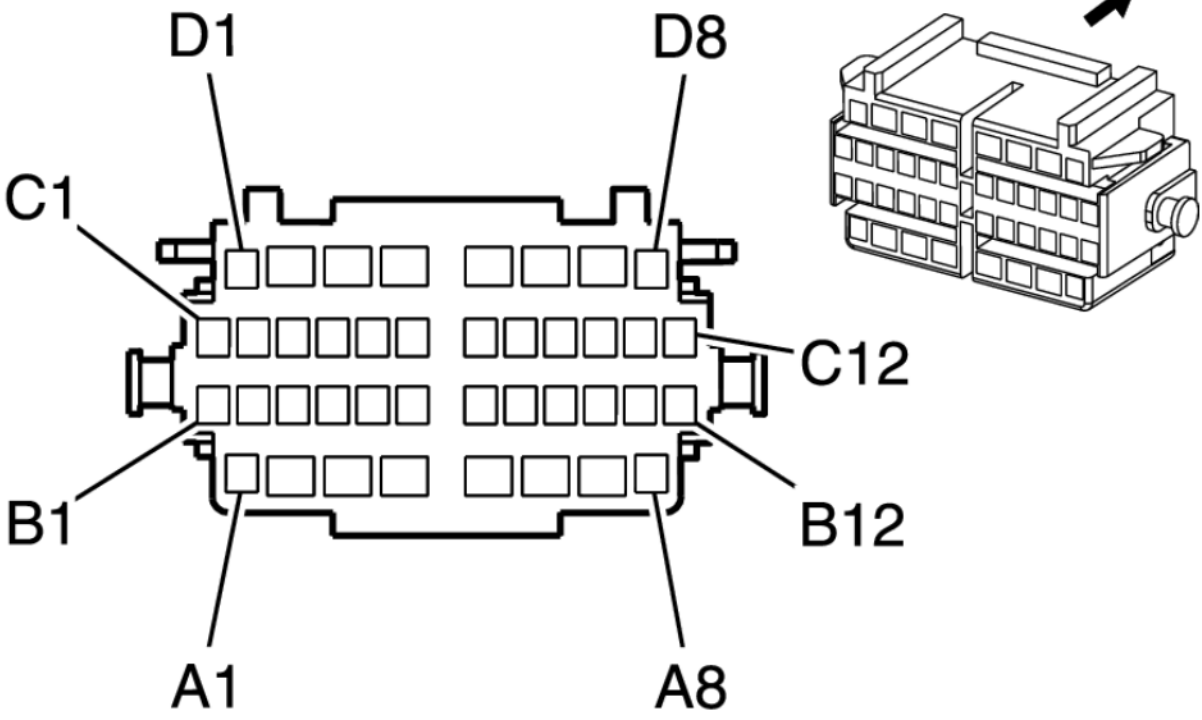
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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
III	13575556	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VI	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
VII	13575857	J-35616-41 (BU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13580818	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13582220	J-35616-32 (OR)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	BK	2150	II	-	Ground	1	1.5	BK	2150	VII	-
2	1.5	RD/BU	1240	II	-	Battery Positive Voltage	2	2.5	RD/BU	1240	IX	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.35 0.5	BU/GN OG	614 3397	I	A45	Memory Seat Switch Set	4	0.35 0.5	BU/GN YE/VT	614 3397	IV VIII	A45
				I	-A45	Signal Passenger Mirror Motor Up (+) Down (-) Control						-A45
5	0.35	YE/WH	1690	I	-	Automatic Day/Night Mirror Signal	5	0.13	YE	1690	IV	-
6	0.35	BK/OG	1691	I	-	Automatic Day/Night Mirror Low Reference	6	0.13	BK	1691	IV	-
7	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	7	0.35	BK/BU	5978	IV	-
8	0.35	WH	615	I	-	Memory Seat Switch Signal 1	8	0.35	WH	615	IV	-
9	0.35	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	9	0.35	BU/WH	1314	IV	-
10	1 1.5	BU BU	201 201	I	-HP6	Left Front Speaker Control (+) 1	10	1 1.5	BU BU	201 201	VIII III	-HP6
				I	UQS	Left Front Speaker Control (+) 1						UQS
11	1 1.5	BN/BU BN/BU	118 118	I	-HP6	Left Front Speaker Signal (-) 1	11	1 1.5	BN/BU BN/BU	118 118	VIII III	-HP6
				I	UQS	Left Front Speaker Signal (-) 1						UQS
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	13	0.35	GN/WH	7530	IV	-
14	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	14	0.35	BN/YE	780	IV	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	16	0.35	GN/YE	6134	IV	-
17	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	17	0.5	WH	3398	VIII	-
18	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	18	0.5	GN/BK	3396	VIII	-
19	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	19	0.35	BN/WH	781	IV	-
20	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	20	0.35	WH/YE	7557	IV	-
21	0.75	BK	850	I	-	Ground	21	0.75	BK	850	VIII	-
22	0.35	GY/YE	5853	I	-	Driver Side Object Detection LED Signal 1	22	0.35	GY/YE	5853	IV	-
23	0.5	RD/VT	1940	I	-	Battery Positive Voltage	23	0.5	RD/VT	1940	V	-
24	0.35	WH/BU	2267	I	-	Mirror Heating Element Control	24	0.35	BN/YE	2267	IV	-
25	-	-	-	-	-	Not Occupied	25	-	-	-	-	-
26	0.35	YE	6817	I	-	LED Backlight Dimming Control	26	0.35	YE	6817	IV	-
27	0.5	BK/OG	6628	I	-	Left Front Side Impact Sensing Module Low Reference	27	0.35	BK/OG	6628	IV	-
28	0.5	OG/GN	2132	I	-	Left Front Side Impact Sensing Module Signal	28	0.35	OG/GN	2132	IV	-
29	0.5	VT/YE	3409	I	-	Mirror Motor Fold Out Control	29	0.5	VT/YE	3409	V	-
30	0.5	WH/BN	3410	I	-	Mirror Motor Fold In Control	30	0.5	WH/BN	3410	V	-
31	0.5	GN/WH	3570	I	-	Driver Door Handle Switch Signal	31	0.35	GN/WH	3570	IV	-
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	0.5	VT/GY	3561	I	-	Passive Entry Driver Door Antenna Signal Lo	33	0.35	VT/GY	3561	IV	-
34	0.5	VT	3560	I	-	Passive Entry Driver Door Antenna Signal Hi	34	0.35	VT	3560	IV	-
35	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	35	0.75	BN/YE	294	VI	-
36	0.75	GY	5911	I	-	Door Lock Actuator Lock Control 2	36	0.75	GY	5911	VI	-
37 - 38	-	-	-	-	-	Not Occupied	37 - 38	-	-	-	-	-
39	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	39	0.35	GY/GN	5996	IV	-
40 - 41	-	-	-	-	-	Not Occupied	40 - 41	-	-	-	-	-

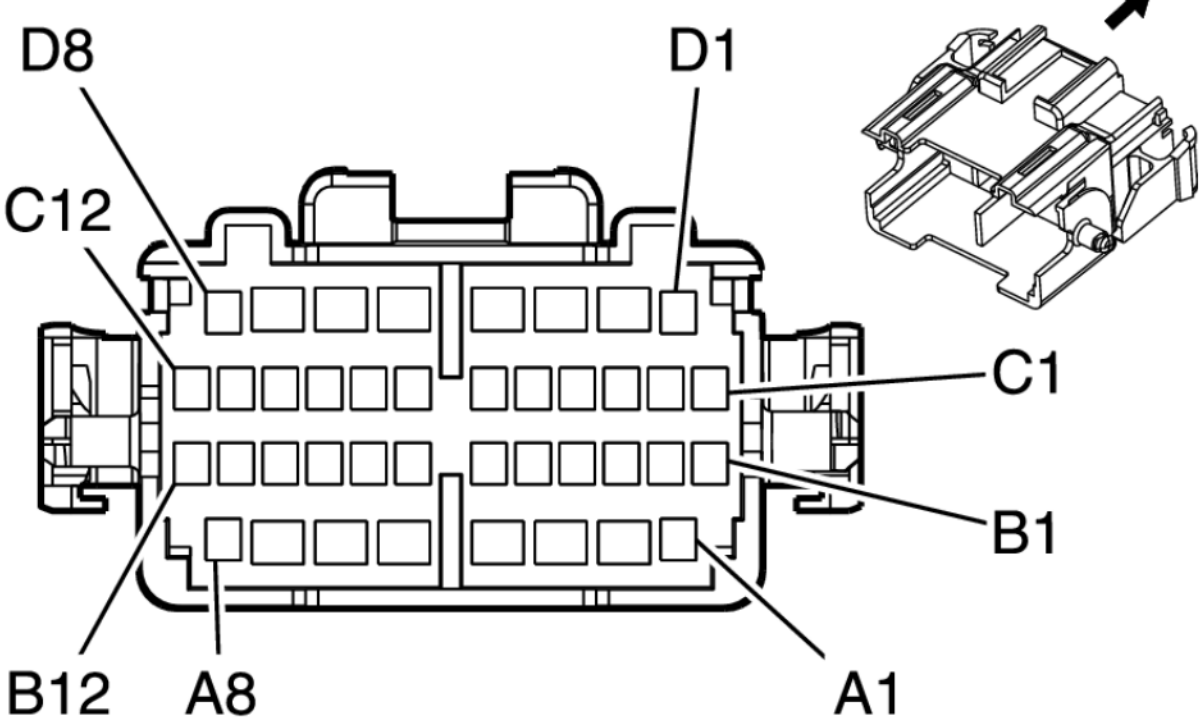
X505 DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 15401211
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way F 1.5, 2.8 GT Series (GY)



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 15463191
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way M 150, 280 GT Series (GY)

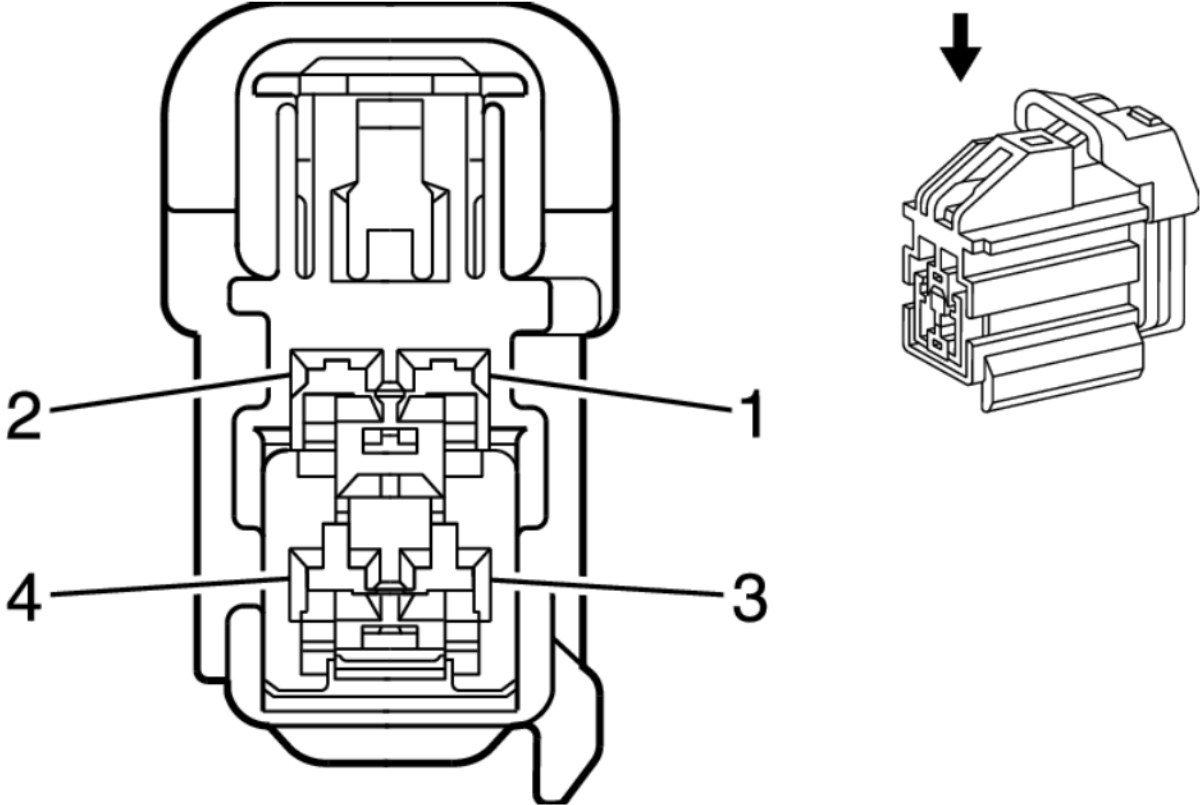
Terminal Part Information

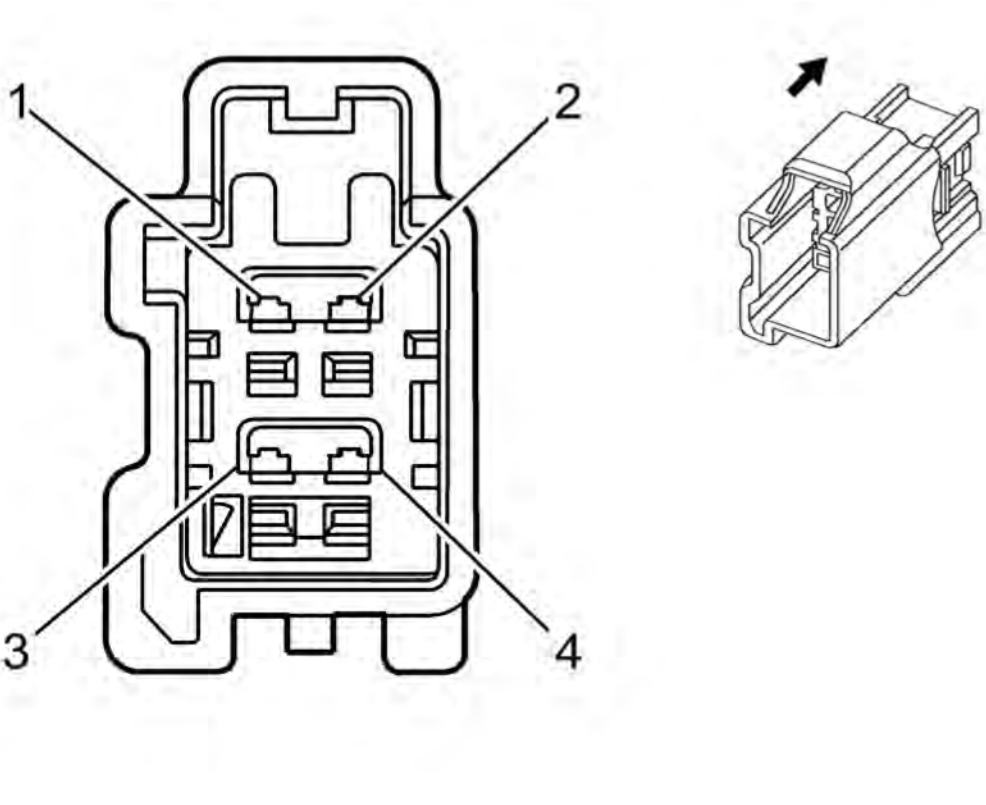
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A1	-	-	-	-	-	Not Occupied	A1	-	-	-	-	-
A2	0.35	GN/YE	6134	II	-	Local Interconnect Network Serial Data Bus 3	A2	0.35	GN/YE	6134	IV	-
A3	0.5	RD/VT	1940	II	-	Battery Positive Voltage	A3	0.35 0.5	RD/VT RD/VT	1940 1940	IV IV	UG1 -A45-CW1
A4 - A6	-	-	-	-	-	Not Occupied	A4 - A6	-	-	-	-	-
A7	0.35	YE	6817	II	-	LED Backlight Dimming Control	A7	0.35	YE	6817	IV	-
A8	0.5	BK	850	I	-	Ground	A8	0.5	BK	850	III	-
B1	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	B1	0.5	WH/YE	7557	III	-
B2	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	B2	0.5	GN/WH	7530	III	-
B3	0.35	WH/VT	3270	I	-	Driver Door Lock Motor Status Signal	B3	0.35	WH/VT	3270	III	-
B4	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	B4	0.5	GN/BK	3396	III	-
B5	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	B5	0.5	WH	3398	III	-
B6	0.5	OG	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	B6	0.5	YE/VT	3397	III	-
B7	0.5	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	B7	0.35 0.5	BN/BK BN/BK	3389 3389	III III	-A45-CW1 CW1-A45
B8	0.5	YE/BN	3391	I	-	Driver Mirror Motor Common Control	B8	0.35 0.5	YE/BN YE/BN	3391 3391	III III	-A45-CW1 CW1-A45
B9	0.5	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	B9	0.5	VT/BU	3390	III	-
B10	-	-	-	-	-	Not Occupied	B10	-	-	-	-	-
B11	0.5	WH/YE	3395	I	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	B11	0.35	WH/YE	3395	III	-
B12	0.5	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	B12	0.35	VT/RD	3392	III	-
C1	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	C1	0.35	BN/YE	780	III	-
C2	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	C2	0.35	BN/WH	781	III	-
C3	0.35	BU/VT	1124	I	-	Door Lock Key Switch Unlock Signal	C3	0.35	BU/VT	1124	III	-
C4	-	-	-	-	-	Not Occupied	C4	-	-	-	-	-
C5	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	C5	0.35	BK/BU	5978	III	-
C6	0.35	WH	615	I	-	Memory Seat Switch Signal 1	C6	0.35	WH	615	III	-
C7	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	C7	0.35	BU/GN	614	III	-
C8	0.35	GN	3381	I	-	Power Window Switch Driver Express Signal	C8	0.35	GN	3381	III	-
C9	0.35	GY	3380	I	-	Power Window Switch Driver Down Signal	C9	0.35	GY	3380	III	-
C10	0.35	GN/WH	3379	I	-	Power Window Switch Driver Up Signal	C10	0.35	GN/WH	3379	III	-
C11	0.5	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	C11	0.35	GY/BN	3394	III	-
C12	0.5	BK/OG	3393	I	-	Driver Mirror Position Sensor Low Reference	C12	0.35	BK/BN	3393	III	-
D1 - D3	-	-	-	-	-	Not Occupied	D1 - D3	-	-	-	-	-
D4	0.5 0.5	VT/YE GY/WH	3409 3411	II II	-A45-CW1 CW1-A45	Mirror Motor Fold Out Control Driver Mirror Motor Fold Out Control	D4	0.5 0.5	VT/YE GY/WH	3409 3411	IV IV	-A45-CW1 CW1-A45
D5	0.5 0.5	WH/GN WH/BN	3412 3410	II II	A45+CW1 -A45-CW1	Driver Mirror Motor Fold In Control Mirror Motor Fold In Control	D5	0.5 0.5	WH/GN WH/BN	3412 3410	IV IV	A45+CW1 -A45-CW1
D6 - D8	-	-	-	-	-	Not Occupied	D6 - D8	-	-	-	-	-

X506 DRIVER DOOR TRIM HARNESS TO MEMORY SEAT SWITCH HARNESS

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Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 10846820
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F YESC Kaizen Series (L-GY)

Connector Part Information

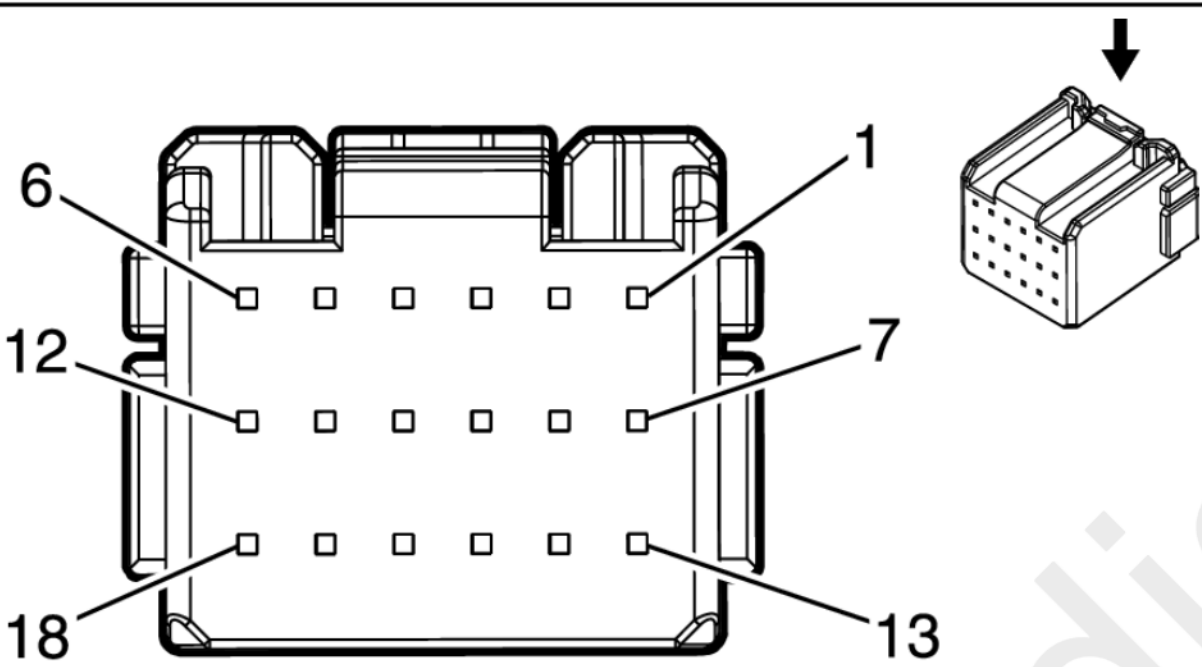
- Harness Type: Memory Seat Switch
- OEM Connector: 7282-6449-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5 Series (L-GY)

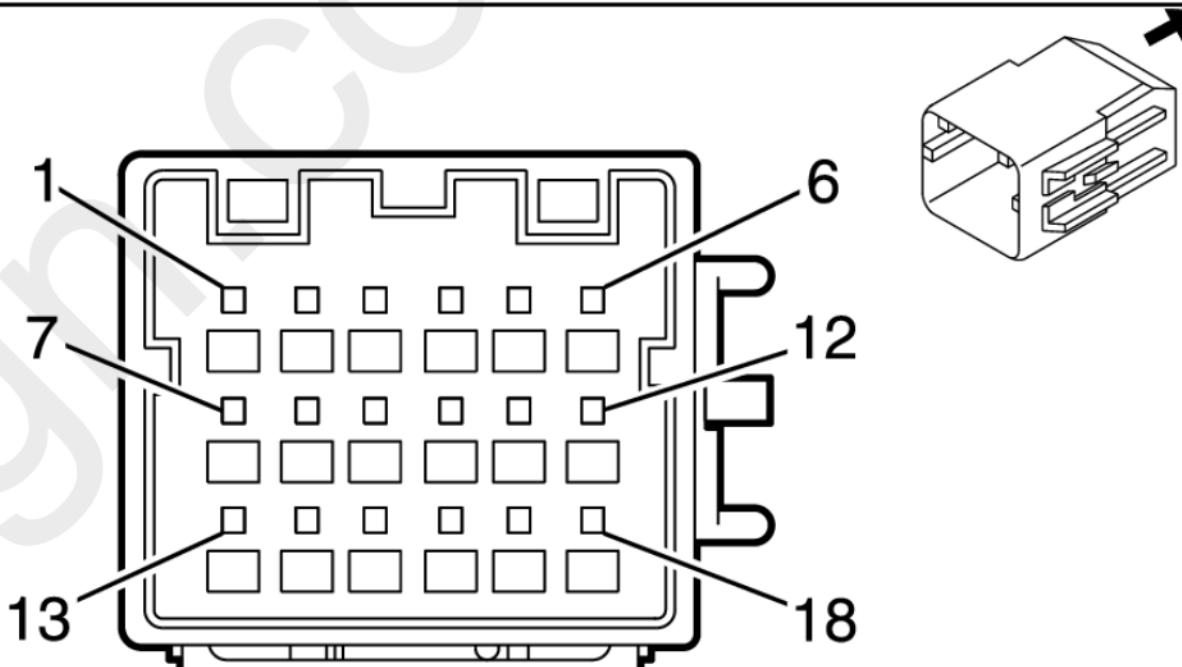
Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	1	0.35	BK/BU	5978	II	-
2	0.35	YE	6817	I	-	LED Backlight Dimming Control	2	0.35	YE	6817	II	-
3	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	3	0.35	BU/GN	614	II	-
4	0.35	WH	615	I	-	Memory Seat Switch Signal 1	4	0.35	WH	615	II	-

X510 DRIVER DOOR HARNESS TO OUTSIDE REARVIEW MIRROR - DRIVER HARNESS





Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13829997
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way F 0.64 Series (BK)

Connector Part Information

- Harness Type: Outside Rearview Mirror - Driver
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-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	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	1	0.35	GY/GN	5996	II	-
2	0.35	YE/WH	1690	I	-	Automatic Day/Night Mirror Signal	2	0.35	YE/WH	1690	II	-
3	0.5	BK/OG	3393	I	-	Driver Mirror Position Sensor Low Reference	3	0.5	BK/OG	3393	II	-
4	0.5 0.5	GY/WH VT/YE	3411 3409	I I	A45 -A45	Driver Mirror Motor Fold Out Control Mirror Motor Fold Out Control	4	0.5 0.5	GY/WH VT/YE	3411 3409	II II	A45 -A45
5	0.35	BK	850	I	-	Ground	5	0.35	BK	850	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.5	WH/YE	3395	I	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	7	0.5	WH/YE	3395	II	-
8	0.35	WH/BU	2267	I	-	Mirror Heating Element Control	8	0.35	WH/BU	2267	II	-
9	0.5	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	9	0.5	VT/BU	3390	II	-
10	0.5	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	10	0.5	BN/BK	3389	II	-
11	0.35	BK	850	I	-	Ground	11	0.35	BK	850	II	-
12	0.5	YE/BN	3391	I	-	Driver Mirror Motor Common Control	12	0.5	YE/BN	3391	II	-
13	0.35	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	13	0.35	BU/WH	1314	II	-
14	0.5	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	14	0.5	GY/BN	3394	II	-
15	0.35	GY/YE	5853	I	-	Driver Side Object Detection LED Signal 1	15	0.35	GY/YE	5853	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
16	0.35	BK/OG	1691	I	-	Automatic Day/Night Mirror Low Reference	16	0.35	BK/OG	1691	II	-
17	0.5	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	17	0.5	VT/RD	3392	II	-
18	0.5	WH/GN	3412	I	A45	Driver Mirror Motor Fold In Control	18	0.5	WH/GN	3412	II	A45
	0.5	WH/BN	3410	I	-A45			0.5	WH/BN	3410	II	-A45

X600 PASSENGER DOOR HARNESS TO BODY HARNESS

Diagram of the Passenger Door Connector. It shows a 41-pin connector with terminals labeled 1, 2, 15, 28, and 41. An inset shows the connector from a different angle with an arrow pointing to it.

Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13600509
- Service Connector: Service by Harness - See Part Catalog
- Description: 41-Way F 4.8 Timer, 1.5 DSQ Series

Diagram of the Body Connector. It shows a 41-pin connector with terminals labeled 1, 2, 3, 15, 16, 28, 29, and 41. An inset shows the connector from a different angle with an arrow pointing to it.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13946876
- Service Connector: 13587760
- Description: 41-Way M 1.5, 2.8 Series (GY)

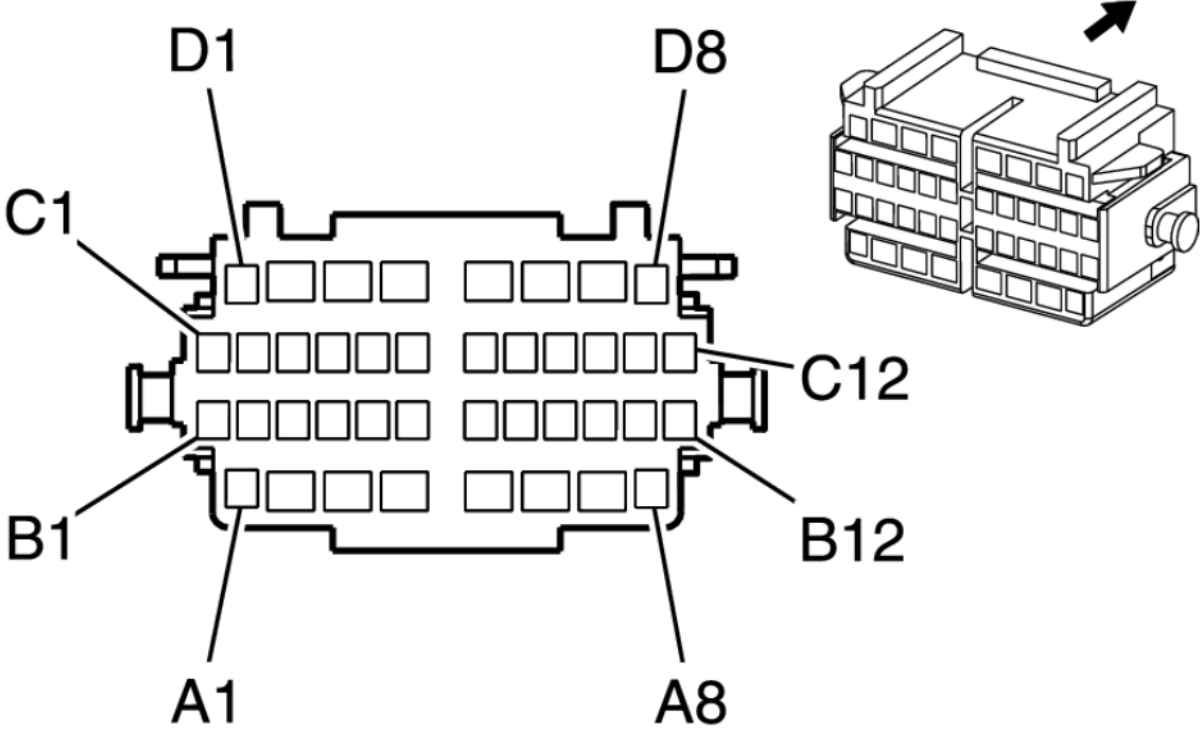
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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
III	13575556	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VI	13575857	J-35616-41 (BU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	13580818	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13582220	J-35616-32 (OR)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	19367318	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	BK	2050	II	-	Ground	1	1.5	BK	2050	VI	-
2	1.5	RD/BU	1240	II	-	Battery Positive Voltage	2	2.5	RD/BU	1240	VIII	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	4	0.5	YE/VT	3397	V	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.5	VT/YE	3409	I	-	Mirror Motor Fold Out Control	6	0.5	VT/YE	3409	V	-
7	0.5	WH/BN	3410	I	-	Mirror Motor Fold In Control	7	0.5	WH/BN	3410	V	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.35	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	9	0.35	GN/VT	1315	IV	-
10	1.5	YE	200	I	HP6	Right Front Speaker Control (+) 1	10	1.5	YE	200	IX	HP6
	1	YE	200	I	UQG	Right Front Speaker Control (+) 1		1	YE	200	III	UQG
11	1	YE/BK	117	I	UQG	Right Front Speaker Signal (-) 1	11	1	YE/BK	117	VII	UQG
	1.5	YE/BK	117	I	UQS	Right Front Speaker Signal (-) 1		1.5	YE/BK	117	III	HP6
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	13	0.35	GN/WH	7530	IV	-
14	0.35	YE/VT	244	I	-	Passenger Door Lock Switch Lock Control	14	0.35	YE/VT	244	IV	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	16	0.35	GN/YE	6134	IV	-
17	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	17	0.5	WH	3398	V	-
18	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	18	0.5	GN/BK	3396	V	-
19	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	19	0.35	BN/VT	245	IV	-
20	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	20	0.35	WH/YE	7557	IV	-
21	0.75	BK	2050	I	-	Ground	21	0.75	BK	2050	VII	-
22	0.35	GY	5861	I	-	Passenger Side Object Detection LED Signal 1	22	0.35	GY	5861	IV	-
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.35	WH/BN	2267	I	-	Mirror Heating Element Control	24	0.35	BN/YE	2267	IV	-
25	-	-	-	-	-	Not Occupied	25	-	-	-	-	-
26	0.35	YE	6817	I	-	LED Backlight Dimming Control	26	0.35	YE	6817	IV	-
27	0.5	BK/OG	6629	I	-	Right Front Side Impact Sensing Module Low Reference	27	0.35	BK/OG	6629	IV	-
28	0.5	BN/OG	2134	I	-	Right Front Side Impact Sensing Module Signal	28	0.35	BN/OG	2134	IV	-
29 - 30	-	-	-	-	-	Not Occupied	29 - 30	-	-	-	-	-
31	0.5	VT/WH	3571	I	-	Passenger Door Handle Switch Signal	31	0.35	VT/WH	3571	IV	-
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	0.5	GN/BK	3563	I	-	Passive Entry Passenger Door Antenna Signal Lo	33	0.35	GN/BK	3563	IV	-

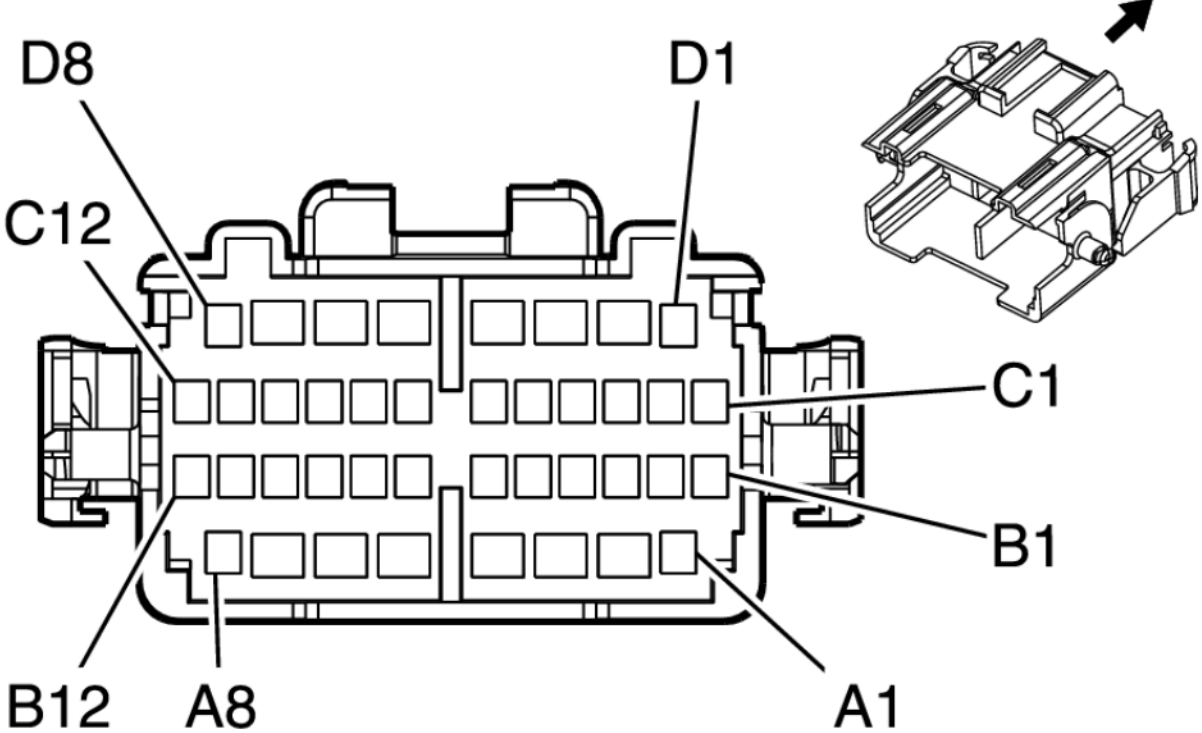
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
34	0.5	GN/YE	3562	I	-	Passive Entry Passenger Door Antenna Signal Hi	34	0.35	GN/YE	3562	IV	-
35	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	35	0.75	BN/YE	294	VII	-
36	0.75	GY/BN	295	I	-	Door Lock Actuator Lock Control	36	0.75	GY	295	VII	-
37 - 38	-	-	-	-	-	Not Occupied	37 - 38	-	-	-	-	-
39	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	39	0.35	GY/GN	5996	IV	-
40 - 41	-	-	-	-	-	Not Occupied	40 - 41	-	-	-	-	-

X605 PASSENGER DOOR HARNESS TO PASSENGER DOOR TRIM HARNESS



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 15401211
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way F 1.5, 2.8 GT Series (GY)



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 15463191
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way M 150, 280 GT Series (GY)

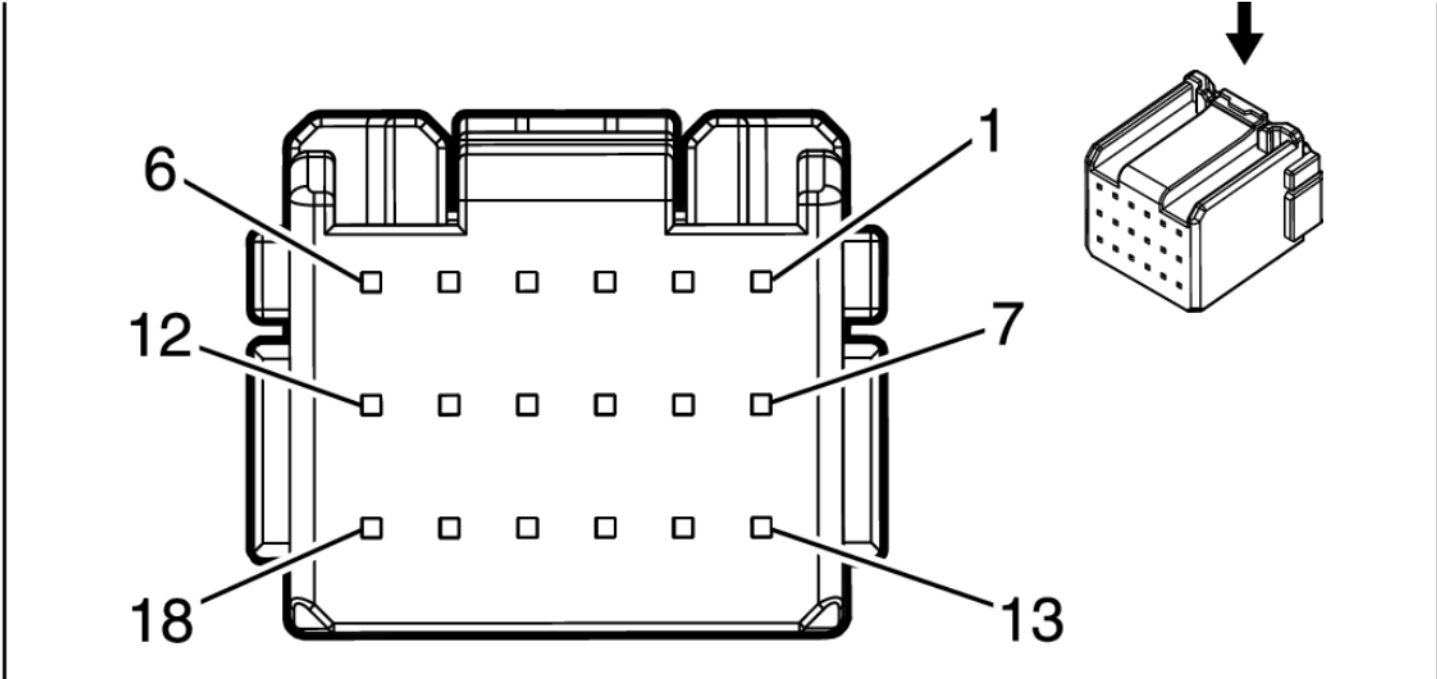
Terminal Part Information

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
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A1 - A3	-	-	-	-	-	Not Occupied	A1 - A3	-	-	-	-	-
A4	0.5	YE/WH	3413	II	-	Passenger Mirror Motor Fold Out Control	A4	0.5	YE/WH	3413	IV	-
A5	0.5	BU/GY	3414	II	-	Passenger Mirror Motor Fold In Control	A5	0.5	BU/GY	3414	IV	-
A6	-	-	-	-	-	Not Occupied	A6	-	-	-	-	-
A7	0.35	YE	6817	II	-	LED Backlight Dimming Control	A7	0.35	YE	6817	IV	-
A8	0.5	BK	2050	I	-	Ground	A8	0.5	BK	2050	III	-
B1	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	B1	0.5	WH/YE	7557	III	-
B2	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	B2	0.5	GN/WH	7530	III	-
B3 - B6	-	-	-	-	-	Not Occupied	B3 - B6	-	-	-	-	-
B7	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	B7	0.5	GN/BK	3396	III	-
B8	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	B8	0.5	WH	3398	III	-
B9	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	B9	0.5	YE/VT	3397	III	-
B10	0.35	GY	746	I	-	Right Front Door Ajar Switch Signal	B10	0.35	GY	746	III	-
B11	0.5	VT/WH	3403	I	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	B11	0.5	VT/WH	3403	III	-
B12	0.5	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	B12	0.5	YE/RD	3399	III	-
C1	0.35	YE/VT	244	I	-	Passenger Door Lock Switch Lock Control	C1	0.35	YE/VT	244	III	-
C2	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	C2	0.35	BN/VT	245	III	-
C3 - C10	-	-	-	-	-	Not Occupied	C3 - C10	-	-	-	-	-
C11	0.5	BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	C11	0.5	BU/YE	3401	III	-
C12	0.5	BK/OG	3400	I	-	Passenger Mirror Position Sensor Low Reference	C12	0.5	BK/GN	3400	III	-
D1	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	D1	0.35	GN/YE	6134	III	-
D2	1.5	RD/BU	1240	II	-	Battery Positive Voltage	D2	1.5	RD/BU	1240	IV	-
D3	1.5	GN/GY	3387	II	-	Power Window Motor Passenger Up Control	D3	1.5	GN/GY	3387	IV	-
D4	1.5	YE/BU	3388	II	-	Power Window Motor Passenger Down Control	D4	1.5	YE/BU	3388	IV	-
D5	1.5	BK	2050	II	-	Ground	D5	1.5	BK	2050	IV	-
D6 - D8	-	-	-	-	-	Not Occupied	D6 - D8	-	-	-	-	-

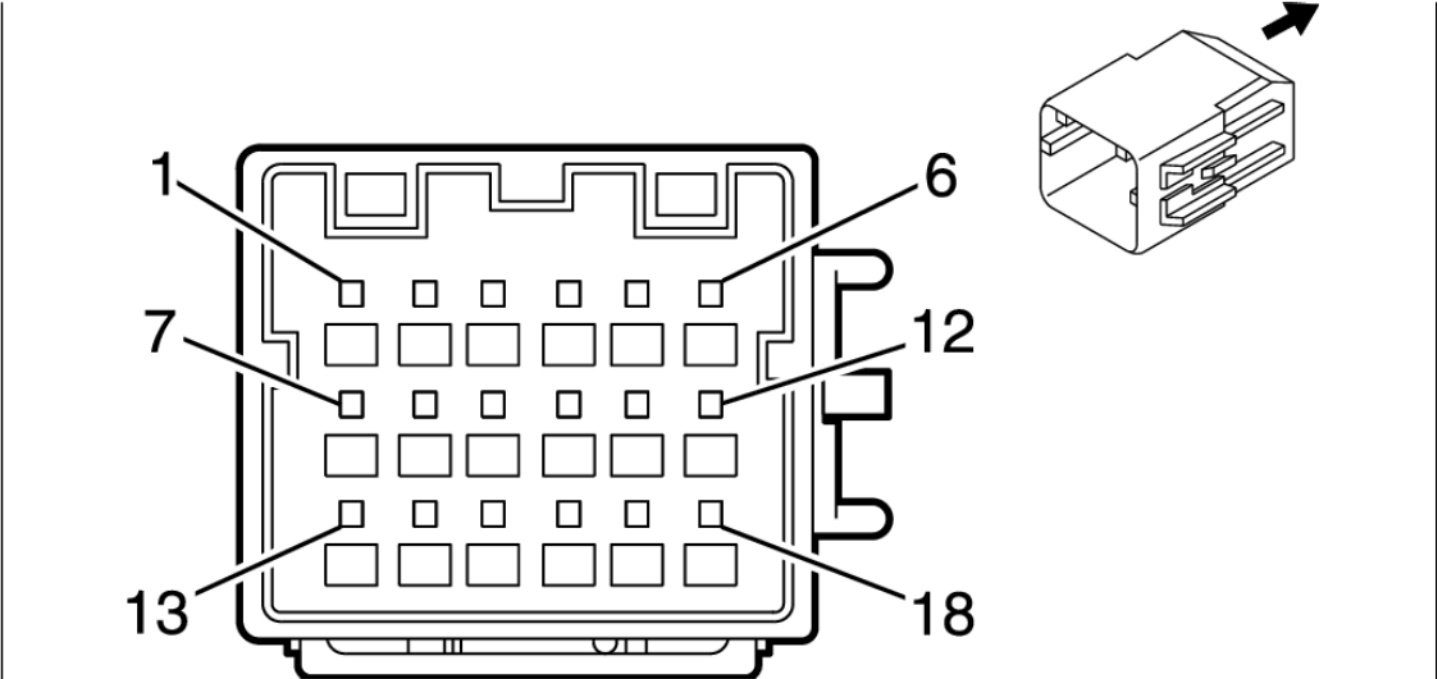
X610 PASSENGER DOOR HARNESS TO OUTSIDE REARVIEW MIRROR - PASSENGER HARNESS

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13829997
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way F 0.64 Series (BK)



Connector Part Information

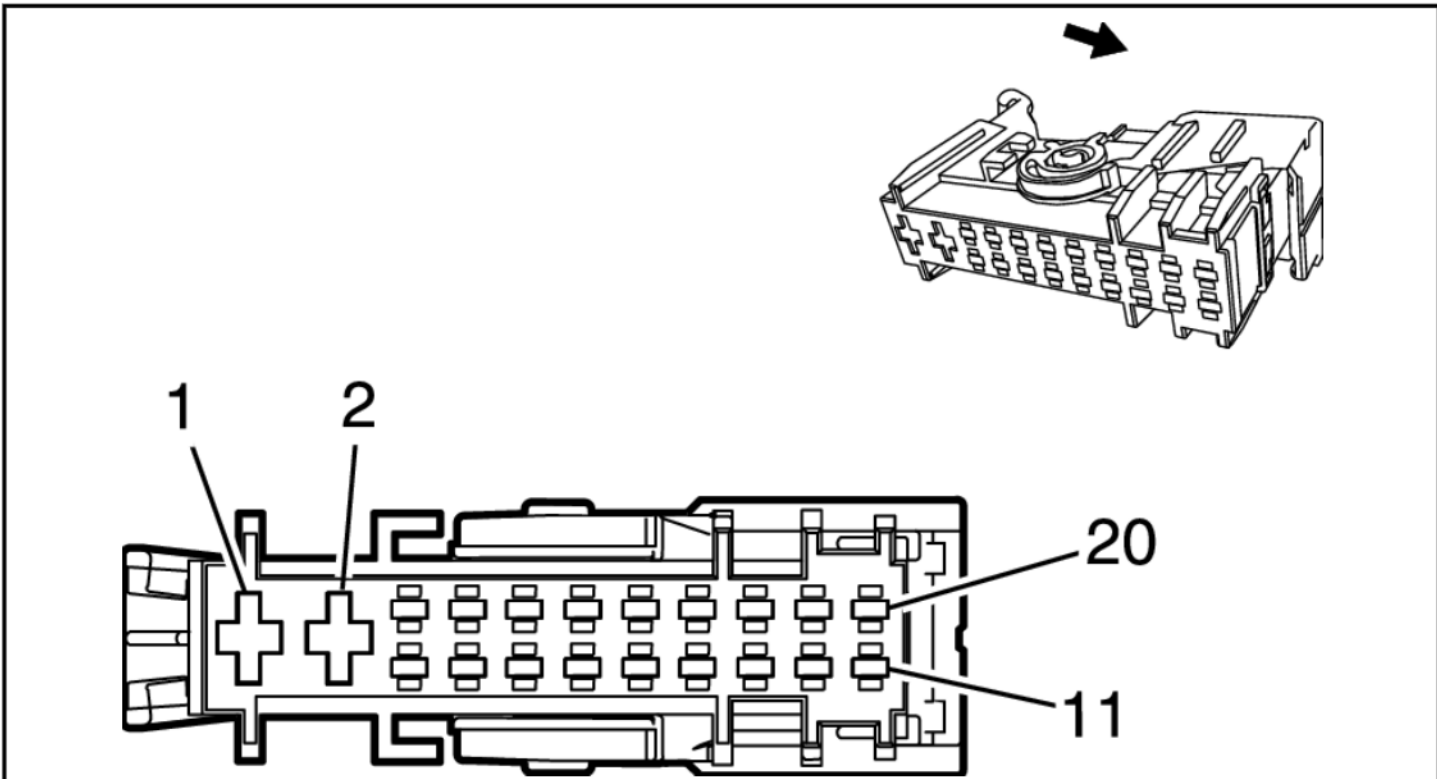
- Harness Type: Outside Rearview Mirror - Passenger
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way M

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	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

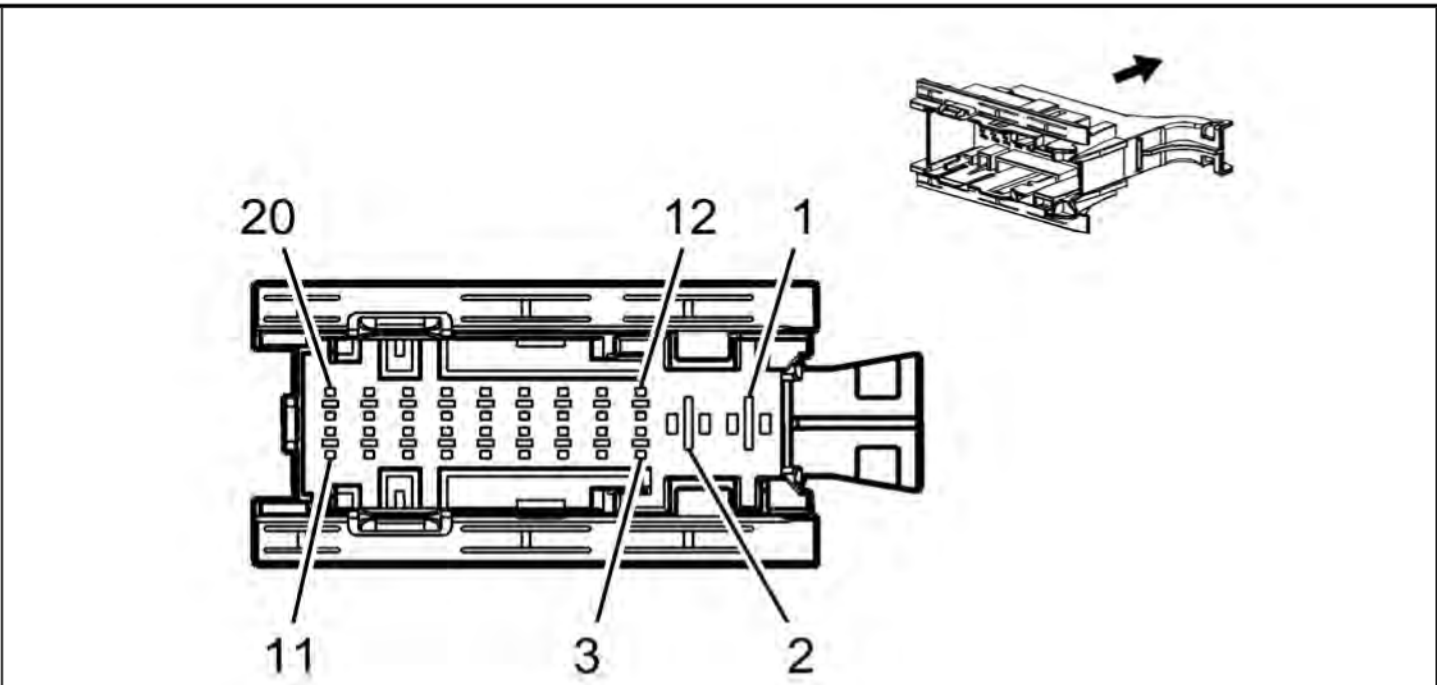
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	1	0.35	GY/GN	5996	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.5	BK/OG	3400	I	-	Passenger Mirror Position Sensor Low Reference	3	0.5	BK/OG	3400	II	-
4	0.5 0.5	YE/WH VT/YE	3413 3409	I I	A45 -A45	Passenger Mirror Fold Out Control Mirror Motor Fold Out Control	4	0.5 0.5	YE/WH VT/YE	3413 3409	II II	A45 -A45
5	0.35	BK	2050	I	-	Ground	5	0.35	BK	2050	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.5	VT/WH	3403	I	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	7	0.5	VT/WH	3403	II	-
8	0.35	WH/BN	2267	I	-	Mirror Heating Element Control	8	0.35	WH/BN	2267	II	-
9	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	9	0.5	YE/VT	3397	II	-
10	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	10	0.5	GN/BK	3396	II	-
11	0.35	BK	2050	I	-	Ground	11	0.35	BK	2050	II	-
12	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	12	0.5	WH	3398	II	-
13	0.35	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	13	0.35	GN/VT	1315	II	-
14	0.5	BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	14	0.5	BU/YE	3401	II	-
15	0.35	GY	5861	I	-	Passenger Side Object Detection LED Signal 1	15	0.35	GY	5861	II	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.5	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	17	0.5	YE/RD	3399	II	-
18	0.5 0.5	BU/GY WH/BN	3414 3410	I I	A45 -A45	Passenger Mirror Motor Fold In Control Mirror Motor Fold In Control	18	0.5 0.5	BU/GY WH/BN	3414 3410	II II	A45 -A45

X700 LEFT REAR DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13600493
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 1.5 DSQ, 4.8 Timer Series (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600495
- Service Connector: 13576560
- Description: 20-Way M 1.5, 5.8 Timer Series (GY)

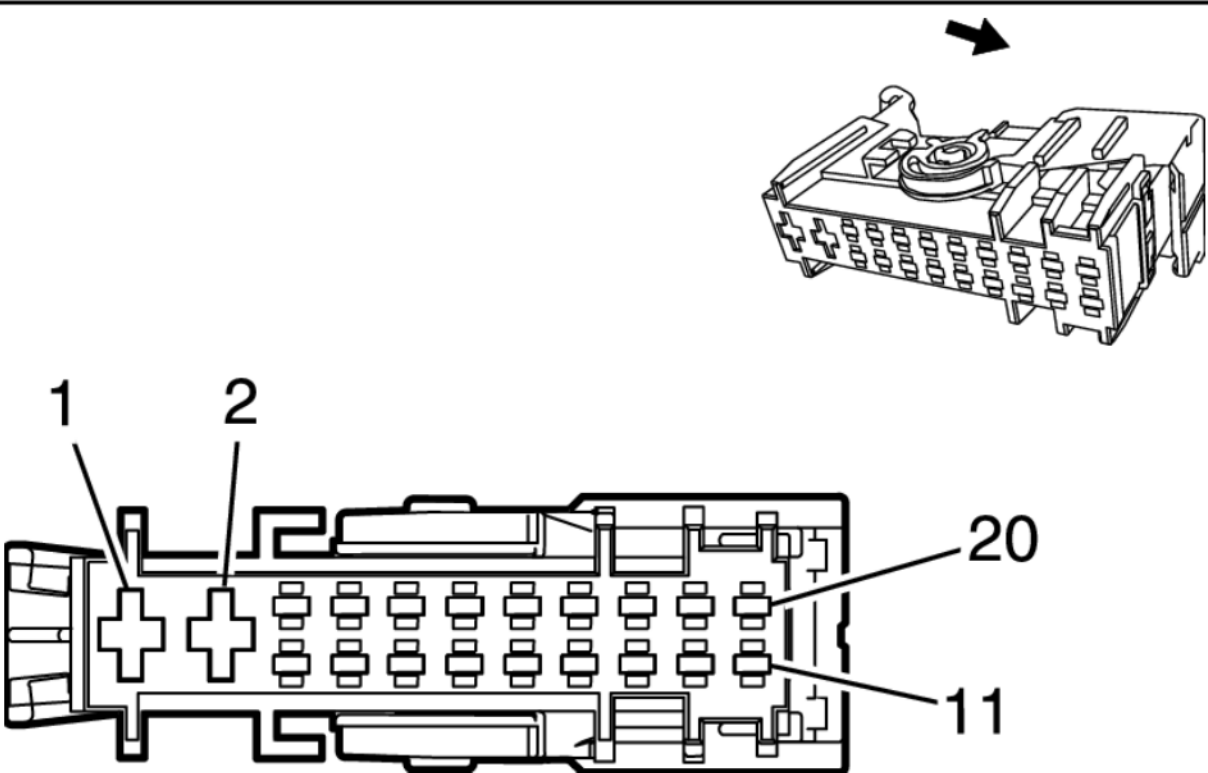
Terminal Part Information

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
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
V	13575857	J-35616-41 (BU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13580818	J-35616-19 (BK)	J-38125-560	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
VII	13582220	J-35616-32 (OR)	J-38125-560	Not Available	Not Available	Not Available	Not Available

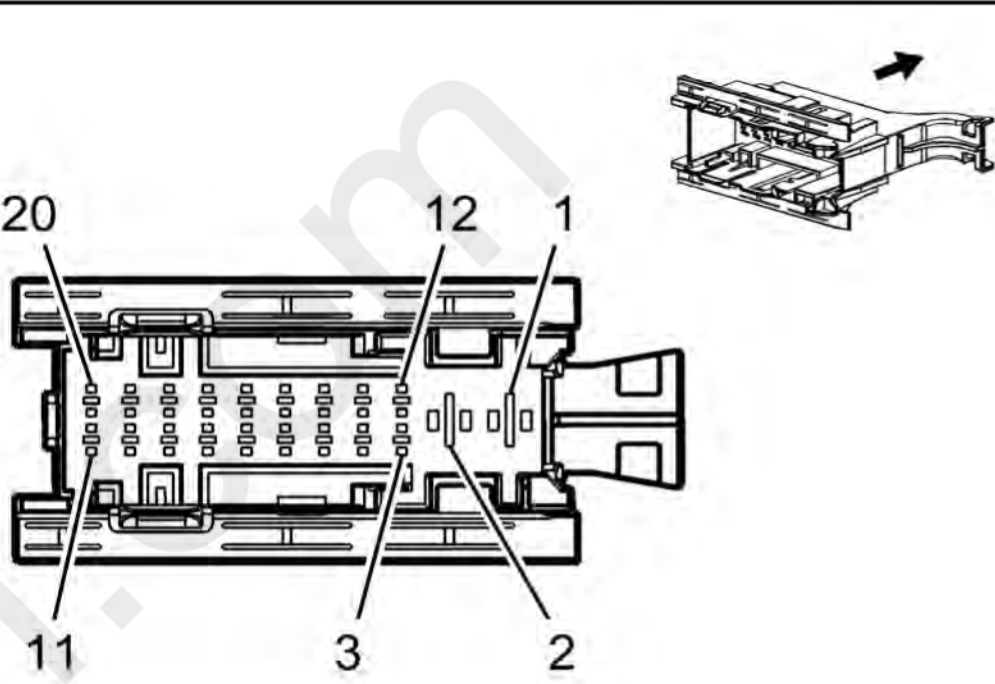
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	RD/WH	1340	II	-	Battery Positive Voltage	1	2.5	RD/WH	1340	VII	-
2	1.5	BK	2150	II	-	Ground	2	1.5	BK	2150	V	-
3	0.35	GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	3	0.35	GN/GY	6135	III	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	-	-	-	-	-	LED Ambient Lighting Control 1	5	0.35	WH/YE	7557	III	-
6	0.5	BN/YE	6157	I	-	Left Rear Door Handle Switch Signal	6	0.35	BN/YE	6157	III	-
7	0.35	BN/WH	3269	I	-	Child Security Lock Motor Status Signal Left Rear	7	0.35	BN/WH	3269	III	-
8	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	8	0.75	BN/YE	294	IV	-
9	0.75	GY	295	I	-	Door Lock Actuator Lock Control	9	0.75	GY	295	IV	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.75	WH/BU	3266	I	-	Child Security Lock Motor Lock Control	11	0.75	WH/BU	3266	IV	-
12 - 13	-	-	-	-	-	Not Occupied	12 - 13	-	-	-	-	-
14	1 0.75	GN GN	199 199	I I	-HP6 UQS	Left Rear Speaker Control (+) Left Rear Speaker Control (+)	14	1 0.75	GN GN	199 199	VI IV	-HP6 UQS
15	1 0.75	GN/BK GN/BK	116 116	I I	-HP6 UQS	Left Rear Speaker Signal (-) Left Rear Speaker Signal (-)	15	1 0.75	GN/BK GN/BK	116 116	VI IV	-HP6 UQS
16 - 19	-	-	-	-	-	Not Occupied	16 - 19	-	-	-	-	-
20	0.75	BK	850	I	-	Ground	20	0.75	BK	850	IV	-

X800 RIGHT REAR DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13600493
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 1.5 DSQ, 4.8 Timer Series (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13600495
- Service Connector: 13576560
- Description: 20-Way M 1.5, 5.8 Timer Series (GY)

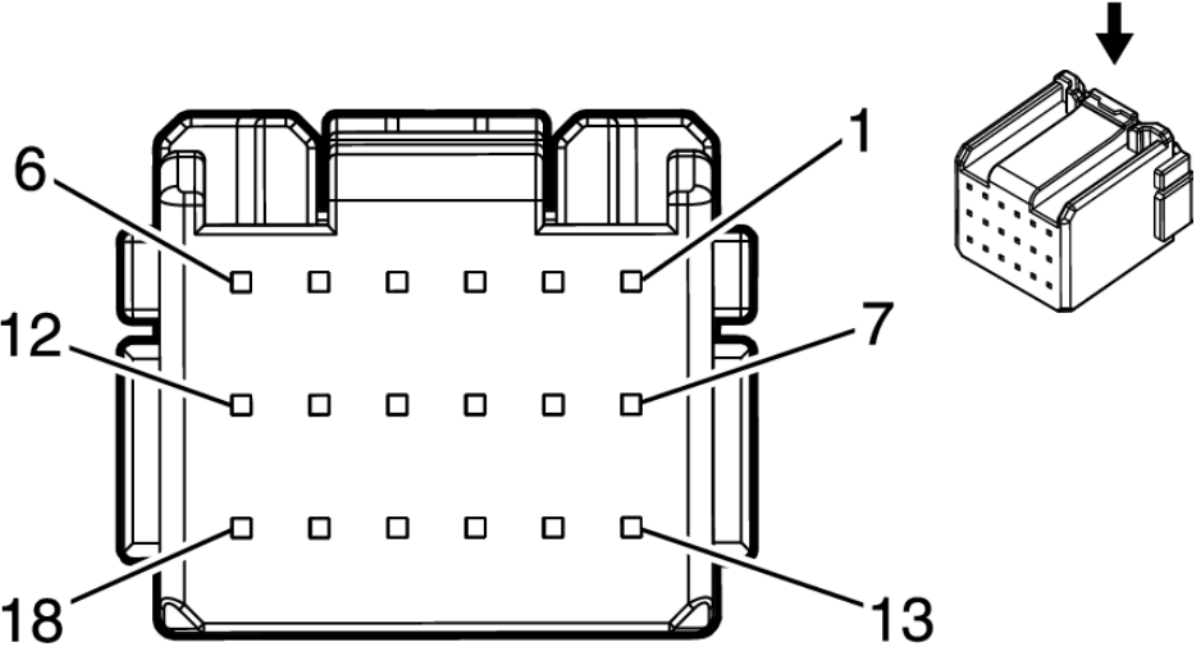
Terminal Part Information

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
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	C	A
V	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
VI	13575857	J-35616-41 (BU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	13580818	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13582220	J-35616-32 (OR)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	RD/WH	1340	II	-	Battery Positive Voltage	1	2.5	RD/WH	1340	VIII	-
2	1.5	BK	2050	II	-	Ground	2	1.5	BK	2050	VI	-
3	0.35	GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	3	0.35	GN/GY	6135	III	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.5	YE/GY	6158	I	-	Right Rear Door Handle Switch Signal	6	0.35	YE/GY	6158	III	-
7	0.35	GY/BK	3268	I	-	Child Security Lock Motor Status Signal Right Rear	7	0.35	GY/BK	3268	III	-
8	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	8	0.75	BN/YE	294	V	-
9	0.75	GY	295	I	-	Door Lock Actuator Lock Control	9	0.75	GY	295	V	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.75	WH/BU	3266	I	-	Child Security Lock Motor Lock Control	11	0.75	WH/BU	3266	V	-
12 - 13	-	-	-	-	-	Not Occupied	12 - 13	-	-	-	-	-
14	1 0.75	WH WH	46 46	I I	UQG UQS	Right Rear Speaker Control (+) Right Rear Speaker Control (+)	14	1 0.75	WH WH	46 46	IV VII	-HP6 UQS
15	1 0.75	BU/BK BU/BK	115 115	I I	-HP6 UQG	Right Rear Speaker Signal (-) Right Rear Speaker Signal (-) Right Rear Speaker Signal (-)	15	0.75 1 0.75	BU/BK BU/BK BU/BK	115 115 115	V VII V	UQS -HP6 UQG
16 - 19	-	-	-	-	-	Not Occupied	16 - 19	-	-	-	-	-
20	0.75	BK	2050	I	-	Ground	20	0.75	BK	2050	V	-

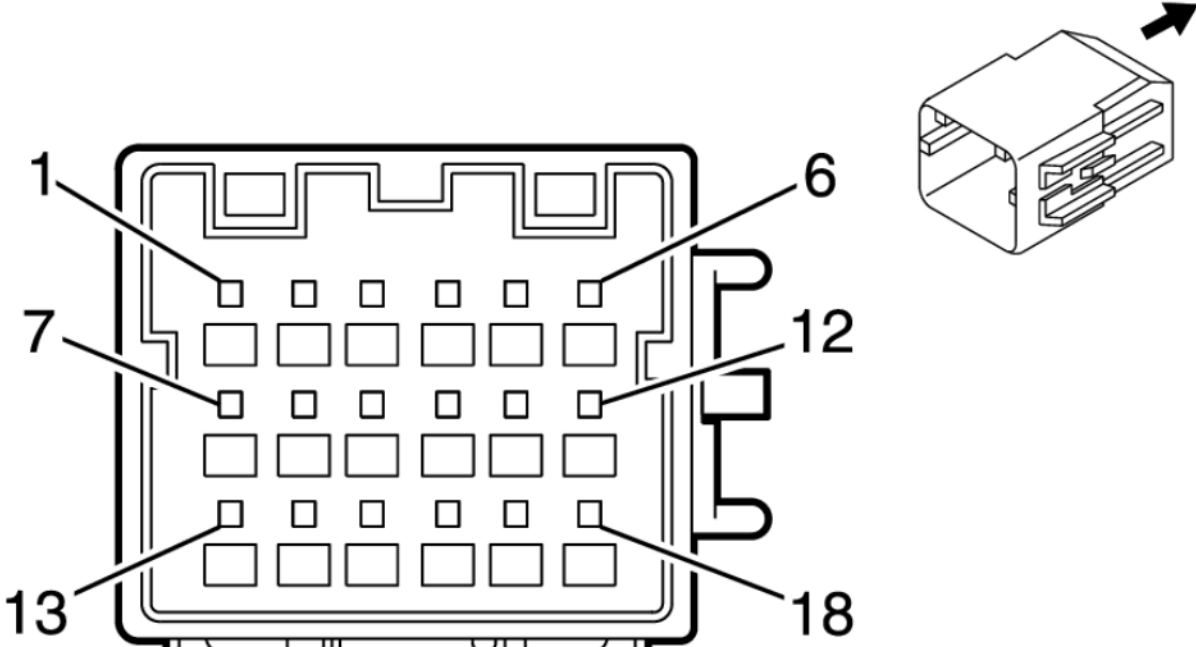
X900 BODY HARNESS TO REAR COMPARTMENT LID HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13884334
- Service Connector: 13504882
- Description: 18-Way F 0.64 Series (BK)



Connector Part Information

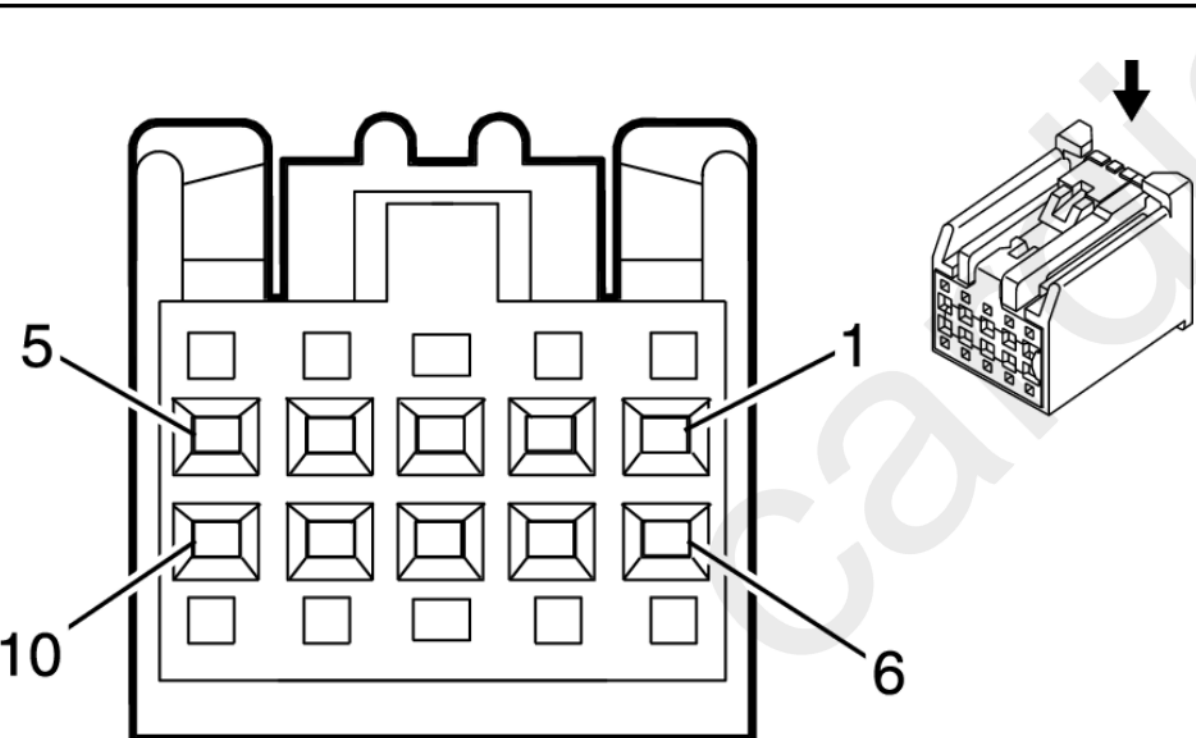
- Harness Type: Rear Compartment Lid
- OEM Connector: 13888973
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way M 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

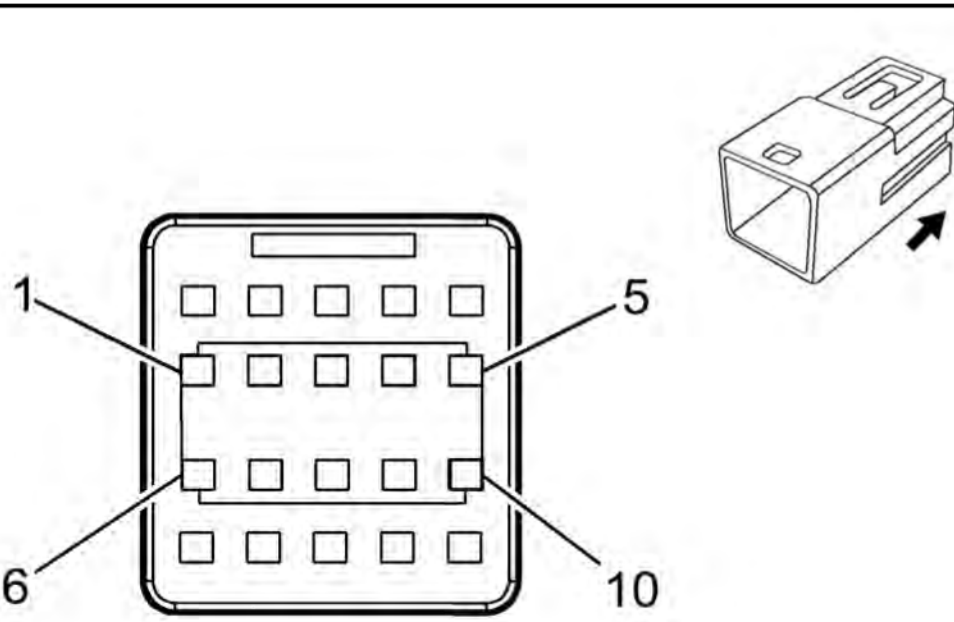
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2350	I	-	Ground	1	0.5	BK	2350	II	-
2	0.5	GN/YE	6846	I	-	Rear License Lamp Control	2	0.5	GN/YE	6846	II	-
3	0.5	GN/WH	24	I	-	Backup Lamp Control	3	0.5	GN/WH	24	II	-
4	0.5	VT/BK	339	I	-	Run/Crank Ignition 1 Voltage	4	0.5	VT/BK	339	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.5	YE/BU	5797	I	-	Rear Closure Handle Switch Open Signal	6	0.5	YE/BU	5797	II	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.5	WH/BU	6973	I	-	Camera Signal 2	8	0.5	WH/BU	6973	II	-
9	0.5	GY/YE	6972	I	-	Camera Signal 2 +	9	0.5	GY/YE	6972	II	-
10	0.75	GY	7069	I	-	Camera Shield Ground Extension	10	0.5	BARE	6974	II	-
11	0.5	VT/GY	1303	I	-	Lift Gate Ajar Switch Signal 1	11	0.5	VT/GY	1303	II	-
12 - 13	-	-	-	-	-	Not Occupied	12 - 13	-	-	-	-	-
14	0.5	VT/GY	709	I	-	Left Park Lamp Control	14	0.5	VT/GY	709	II	-
15	0.5	GY/BN	309	I	-	Right Park Lamp Control	15	0.5	GY/BN	309	II	-
16	0.5	BU/YE	6795	I	-	Lift Glass/Rear Compartment Lid Motor Release Control 2	16	0.5	BU/YE	6795	II	-
17 - 18	-	-	-	-	-	Not Occupied	17 - 18	-	-	-	-	-

X915 LICENSE LAMP HARNESS TO REAR COMPARTMENT LID HARNESS



Connector Part Information

- Harness Type: License Lamp
- OEM Connector: 13815336
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)



Connector Part Information

- Harness Type: Rear Compartment Lid
- OEM Connector: 13761859
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M 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
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2350	I	-	Ground	1	0.5	BK	2350	II	-
2	0.5	GN/YE	6846	I	-	Rear License Lamp Control	2	0.5	GN/YE	6846	II	-
3	0.35	GN/WH	24	I	-	Backup Lamp Control	3	0.5	GN/WH	24	II	-
4	0.35	VT/BK	339	I	-	Run/Crank Ignition 1 Voltage	4	0.5	VT/BK	339	II	-
5	0.35	BK/BU	2350	I	-	Ground	5	0.5	BK	2350	II	-
6	0.5	YE/BU	5797	I	-	Rear Closure Handle Switch Open Signal	6	0.5	YE/BU	5797	II	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.35	WH/BU	6973	I	-	Camera Signal 2	8	0.5	WH/BU	6973	II	-
9	0.35	GY/YE	6972	I	-	Camera Signal 2 +	9	0.5	GY/YE	6972	II	-
10	0.5	BARE	6974	I	-	Camera Low Reference	10	0.5	BARE	6974	II	-