

2017 ELECTRICAL

Wiring Systems And Power Management - Inline Harness Connector End Views - Index - Sierra, Silverado

INLINE HARNESS CONNECTOR END VIEWS - INDEX

A00854471 - Wiring Systems and Power Management - Inline Harness Connector End Views - Sierra, Silverado

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INLINE HARNESS CONNECTOR END VIEWS

X100 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (X88+UD5)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33120329
- Service Connector: 19354087
- Description: 16-Way F 150 MX Series, Sealed (BK)

Connector Part Information

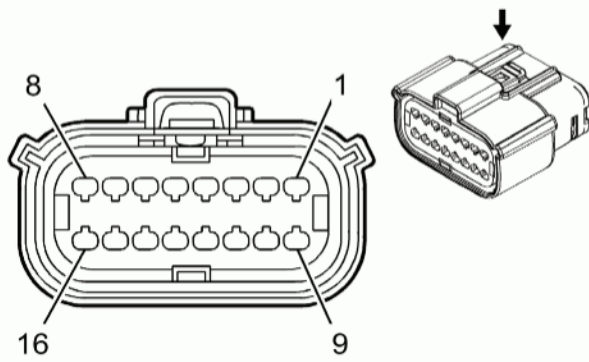
- Harness Type: Front Bumper
- OEM Connector: 15533030
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (BK)

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

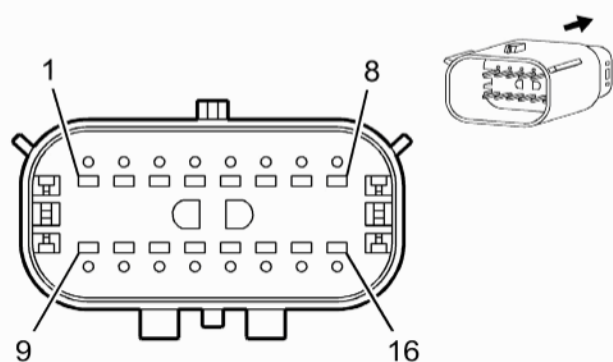
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	BK	150	I	-	Ground	1	0.5	BK	150	II	-
2	1	BK	250	I	-	Ground	2	0.5	BK	250	II	-
3	0.5	BN/VT	2234	I	-	Front Fog Lamp Control	3	0.5	BN/VT	2234	II	-
4	0.5	YE/VT	5213	I	-	Front Parking Left/Right/Mid Sensor	4	0.5	YE/L-GN	5213	II	-
5	0.5	VT/WH	5215	I	-	Front Parking Left Corner Sensor	5	0.5	VT/WH	5215	II	-
6	0.5	YE/GY	5216	I	-	Front Parking Left Mid Sensor	6	0.5	YE/GY	5216	II	-
7	0.5	WH/GY	5217	I	-	Front Parking Right Corner Sensor	7	0.5	WH/GY	5217	II	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	VT/GY	5218	I	-	Front Parking Right Mid Sensor	10	0.5	VT/GY	5218	II	-
11	0.5	BK/D-BU	5214	I	-	Front Parking Sensor Low Reference	11	0.5	BK/D-BU	5214	II	-
12 - 16	-	-	-	-	-	Not Occupied	12 - 16	-	-	-	-	-

X100 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (X88-UD5)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33122174
- Service Connector: 19354087
- Description: 16-Way F 150 MX Series, Sealed (BK)



Connector Part Information

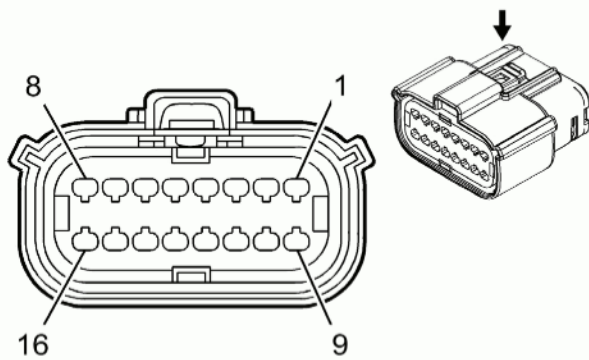
- Harness Type: Front Bumper
- OEM Connector: 33101516
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (BK)

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

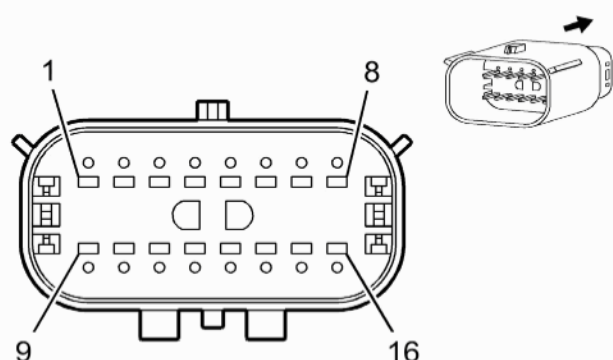
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	BK	150	I	-	Ground	1	0.5	BK	150	II	-
2	1	BK	250	I	-	Ground	2	0.5	BK	250	II	-
3	0.5	BN/VT	2234	I	-	Front Fog Lamp Control	3	0.5	BN/VT	2234	II	-
4 - 16	-	-	-	-	-	Not Occupied	4 - 16	-	-	-	-	-

X100 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (Z88+UD5)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33120329
- Service Connector: 19354087
- Description: 16-Way F 150 MX Series, Sealed (BK)



Connector Part Information

- Harness Type: Front Bumper
- OEM Connector: 15533030
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-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	1	BK	150	I	-	Ground	1	0.5	BK	150	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	1	BK	250	I	-	Ground	2	0.5	BK	250	II	-
3	0.5	BN/VT	2234	I	-	Front Fog Lamp Control	3	0.5	BN/VT	2234	II	-
4	0.5	YE/VT	5213	I	-	Front Parking Left/Right/Mid Sensor	4	0.5	YE/L-GN	5213	II	-
5	0.5	VT/WH	5215	I	-	Front Parking Left Corner Sensor	5	0.5	VT/WH	5215	II	-
6	0.5	YE/GY	5216	I	-	Front Parking Left Mid Sensor	6	0.5	YE/GY	5216	II	-
7	0.5	WH/GY	5217	I	-	Front Parking Right Corner Sensor	7	0.5	WH/GY	5217	II	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	VT/GY	5218	I	-	Front Parking Right Mid Sensor	10	0.5	VT/GY	5218	II	-
11	0.5	BK/D-BU	5214	I	-	Front Parking Sensor Low Reference	11	0.5	BK/D-BU	5214	II	-
12 - 16	-	-	-	-	-	Not Occupied	12 - 16	-	-	-	-	-

X100 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (Z88-UD5)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33122174
- Service Connector: 19354087
- Description: 16-Way F 150 MX Series, Sealed (BK)

Connector Part Information

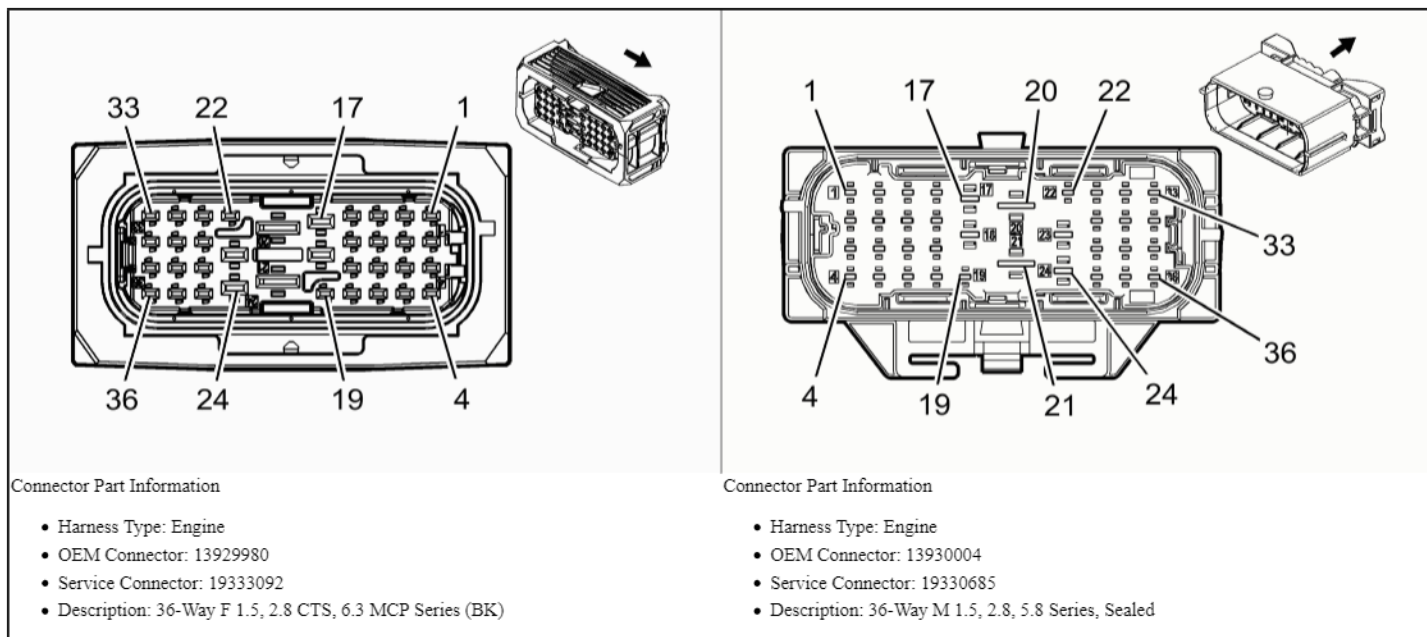
- Harness Type: Front Bumper
- OEM Connector: 33101516
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (BK)

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	1	BK	150	I	-	Ground	1	0.5	BK	150	II	-
2	1	BK	250	I	-	Ground	2	0.5	BK	250	II	-
3	0.5	BN/VT	2234	I	-	Front Fog Lamp Control	3	0.5	BN/VT	2234	II	-
4 - 16	-	-	-	-	-	Not Occupied	4 - 16	-	-	-	-	-

X101 ENGINE HARNESS TO ENGINE HARNESS (L5P)



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582180	J-35616-14 (GN)	J-38125-560	1241374-1	Lear 17	E	2
II	19301763	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19329757	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
IV	19333088	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
V	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13580819	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	19331731	J-35616-3 (GY)	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	0.5	BU/BN	4498	III	-	High Speed GMLAN Serial Data (+) 7	1	0.5	BU/BN	4498	VII	L5P
2	0.5	WH	4499	III	-	High Speed GMLAN Serial Data (-) 7	2	0.5	WH	4499	VII	L5P
3	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	3	0.5	BU	2500	VII	L5P
4	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	4	0.5	WH	2501	VII	L5P
5	0.5	BK/BN	6782	III	-	Exhaust Gas Temperature Sensor 1 Low Reference	5	0.5	BK/BN	6782	VII	L5P
6	0.5	BU/WH	5277	III	-	Exhaust Gas Temperature Sensor 1	6	0.5	BU/WH	5277	VII	L5P
7	0.5	BK/BU	6783	III	-	Exhaust Gas Temperature Sensor 2 Low Reference	7	0.5	BK/BU	6783	VII	L5P
8	0.5	BU/GN	5377	III	-	Exhaust Gas Temperature Sensor 2	8	0.5	BU/GN	5377	VII	L5P
9	0.5	BK/BU	6274	III	-	Exhaust Gas Recirculation Temperature Sensor Low Reference	9	0.5	BK/BU	6274	VII	L5P
10	0.5	WH/BN	3237	III	-	Exhaust Gas Recirculation Temperature Sensor Signal	10	0.5	WH/BN	3237	VII	L5P
11	0.5	BK/YE	6275	III	-	Exhaust Gas Recirculation Temperature Sensor 2 Low Reference	11	0.5	BK/YE	6275	VII	L5P
12	0.5	YE/GN	3236	III	-	Exhaust Gas Recirculation Temperature Sensor 2 Signal	12	0.5	YE/GN	3236	VII	L5P
13	0.5	YE/BK	3682	III	-	Charge Air Cooler Inlet Temperature Sensor Low Reference	13	0.5	YE/BK	3682	VII	L5P
14	0.5	GN	3683	III	-	Charge Air Cooler Inlet Temperature Sensor Signal	14	0.5	GN	3683	VII	L5P

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
15	0.5	BN/BK	2929	III	-	Fuel Metering Valve Low Control	15	0.5	BN/BK	2929	VII	L5P
16	0.5	YE	2928	III	-	Fuel Metering Valve High Control	16	0.5	YE	2928	VII	L5P
17	0.5	VT/YE	5985	II	-	Accessory Wakeup Serial Data	17	0.5	VT/YE	443	VI	L5P
18	0.5	VT/BK	2139	II	-	Run/Crank Ignition 1 Voltage	18	0.5	VT/BK	2139	VI	L5P
19 - 21	-	-	-	-	-	Not Occupied	19 - 21	-	-	-	-	-
22	0.5	VT/BU	3674	I	-	NOx Sensor 1 Control	22	0.5	VT/BU	3674	V	L5P
23	0.5	GY	23	IV	-	Generator Field Duty Cycle Signal	23	0.5	GY	23	VI	L5P
24	0.75	BN	25	IV	-	Charge Indicator Control	24	0.5	BN	25	VI	L5P
25	0.5	BN/RD	7445	III	-	Fuel Line Pressure Sensor 5V Reference	25	0.5	BN/RD	7445	VII	L5P
26	0.5	BK/YE	7447	III	-	Fuel Line Pressure Sensor Low Reference	26	0.5	BK/YE	7447	VII	L5P
27	0.5	BU/WH	7446	III	-	Fuel Line Pressure Sensor Signal	27	0.5	BU/WH	7446	VII	L5P
28	-	-	-	-	-	Crankshaft Position Sensor Replicated Signal	28	0.5	VT/BU	6091	VII	L5P
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.5	BU/GN	7071	III	-	Heater Fuel Control	30	0.5	BU/GN	7071	VII	L5P
31	0.5	VT/BN	2927	III	-	Hydrocarbon Injector Low Control	31	0.5	VT/BN	2927	VII	L5P
32	0.5	BN/BU	2926	III	-	Hydrocarbon Injector High Control	32	0.5	BN/BU	2926	VII	L5P
33	0.5	BU/BN	4498	III	-	High Speed GMLAN Serial Data (+) 7	33	0.5	BU/BN	4498	VII	L5P
34	0.5	WH	4499	III	-	High Speed GMLAN Serial Data (-) 7	34	0.5	WH	4499	VII	L5P
35	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	35	0.5	BU	2500	VII	L5P
36	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	36	0.5	WH	2501	VII	L5P

XI05 ENGINE HARNESS TO FORWARD LAMP HARNESS (L8B)

Connector Part Information

- Harness Type: Engine
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15456955
- Service Connector: 19300474
- 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	Not Available	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	BN/YE	473	I	-	High Speed Cooling Fan Relay Control	1	0.5	BN/YE	473	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	Â	Â	Â	Â	Â	Outside Ambient Temperature Sensor Low Reference	2	0.5	BK/D-BU	61	II	-
3	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	3	0.5	D-BU/GY	636	II	-
3	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	3	0.5	D-BU/GY	636	II	-
4	0.5	GY/VT	3873	I	-	Powertrain Electronics Cooling Loop (PECL) Temperature Sensor Signal	4	0.5	GY/VT	3873	II	-
5	0.5	VT/D-BU	5290	I	-	Powertrain Main Relay Fused Supply 1	5	0.5	VT/D-BU	5290	II	-
6	0.5	L-GN/VT	4621	I	-	Local Interconnect Network Serial Data Bus 21	6	0.5	L-GN/VT	4621	II	-
7	0.5	VT/D-BU	3790	I	-	Electric Coolant Motor Feedback Signal	7	0.5	VT/D-BU	3790	II	-
8	0.5	BK/GY	3872	I	-	Powertrain Electronics Cooling Loop (PECL) Temperature Sensor Low Reference	8	0.5	BK/GY	3872	II	-

X105 ENGINE HARNESS TO FORWARD LAMP HARNESS (LV3/L83/L86)

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: Forward Lamp
- OEM Connector: -
- 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	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	BN/YE	473	I	-	High Speed Cooling Fan Relay Control	1	0.5	BN/YE	473	II	-
2	0.5	BK/D-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	2	0.5	BK/D-BU	61	II	-
3	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	3	0.5	D-BU/GY	636	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.75	VT/D-BU	5290	I	-	Powertrain Main Relay Fused Supply 1	5	0.75	VT/D-BU	5290	II	-
6	0.5	L-GN/VT	4621	I	-	Local Interconnect Network Serial Data Bus 21	6	0.5	L-GN/VT	4621	II	-

X110 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (HEAVY DUTY)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15326654
- Service Connector: 88986254
- Description: 8-Way F 280 GT Series, Sealed (BK)

Connector Part Information

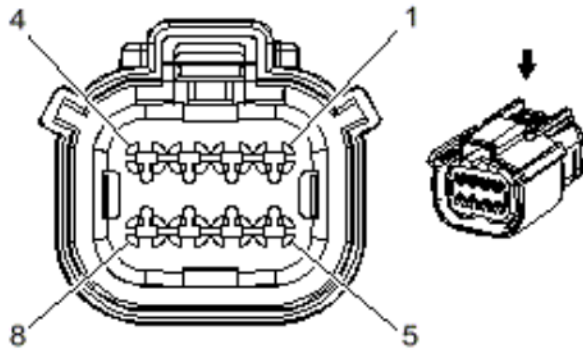
- Harness Type: Front Bumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

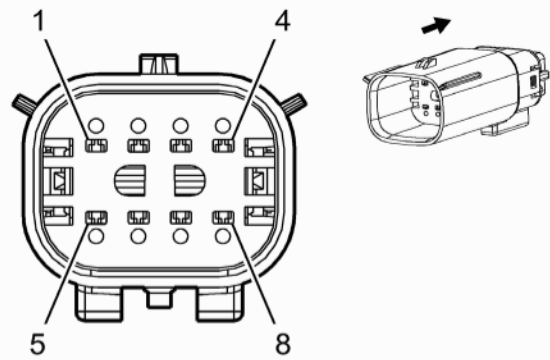
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	1.5	BK	150	I	-	Ground	A	1.5	BK	150	II	-
B	0.75	YE	712	I	-	Left Headlamp Low Beam Control	B	0.75	YE	712	II	-
C	0.5	WH	711	I	-	Left Headlamp High Beam Control	C	0.5	WH	711	II	-
D	-	-	-	-	-	Not Occupied	D	-	-	-	-	-
E	0.5	VT/GY	709	I	-	Left Park Lamp Control	E	0.5	VT/GY	709	II	-
F	0.75	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	F	0.75	BU/WH	1314	II	-
G	0.75	GY/BU	7538	I	-	Left Front DRL Control	G	0.75	GY/BU	7538	II	-
H	0.5	VT/GY	709	I	-	Left Park Lamp Control	H	0.5	VT/GY	709	II	-

X110 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (LIGHT DUTY)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13654393
- Service Connector: 13577527
- Description: 8-Way F 1.5 Series, Sealed (BK)



Connector Part Information

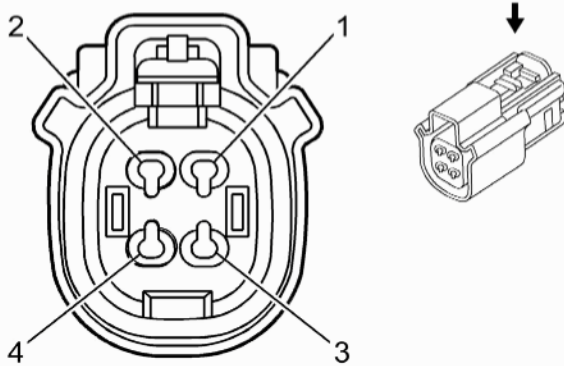
- Harness Type: Front Bumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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

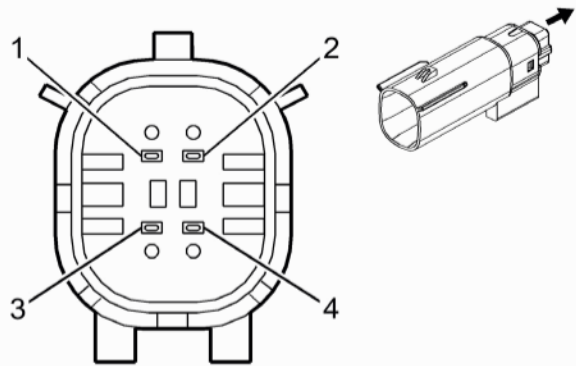
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	BK	150	I	-	Ground	1	1.5	BK	150	II	-
2	0.75	YE	712	I	-	Left Headlamp Low Beam Control	2	0.75	YE	712	II	-
3	0.5	WH	711	I	-	Left Headlamp High Beam Control	3	0.5	WH	711	II	-
4	0.5	VT/GY	709	I	-	Left Park Lamp Control	4	0.5	VT/GY	709	II	-
5	0.5	BU/VT	3204	I	-	Left Headlamp Bulb Outage Signal	5	0.5	BU/VT	3204	II	-
6	0.5	VT/GY	3139	I	-	Run/Crank Ignition 1 Voltage	6	0.5	VT/GY	3139	II	-
7	0.75	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	7	0.75	BU/WH	1314	II	-
8	0.75	GY/BU	7538	I	-	Left Front DRL Control	8	0.75	GY/BU	7538	II	-

XIII FRONT AXLE JUMPER HARNESS TO ENGINE HARNESS



Connector Part Information

- Harness Type: Front Axle Jumper
- OEM Connector: 13872556
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 150 MX Series, Sealed (BK)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13586625
- Service Connector: 19329823
- Description: 4-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	YE/WH	1695	I	-	Four Wheel Drive Wheel Lock Indicator Control	1	0.5	YE/WH	1695	II	-
2	0.5	GY/BK	1570	I	-	Four Wheel Drive Wheel Lock Indicator Control	2	0.5	GY/BK	1570	II	-
3	0.5	VT/BK	2139	I	-	Front Axle Actuator Control	3	0.5	VT/BK	2139	II	-
4	0.5	BK	550	I	-	Run/Crank Ignition 1 Voltage	4	1	BK	550	II	-

X112 ENGINE CHASSIS HARNESS TO ENGINE JUMPER HARNESS (L5P)

Connector Part Information

- Harness Type: Engine Chassis
- OEM Connector: 33472-0806
- Service Connector: 13577527
- Description: 8-Way F 150 MX Series, Sealed (BK)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 33482-0801
- Service Connector: 19300474
- 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	VT/BU	6270	I	L5P	Crankshaft 60X Sensor 5V Reference	1	0.5	VT/BU	6270	II	L5P
2	0.5	BK/VT	6272	I	L5P	Crankshaft 60X Sensor Low Reference	2	0.5	BK/VT	6272	II	L5P
3	0.5	GN	6271	I	L5P	Crankshaft 60X Sensor Signal	3	0.5	GN	6271	II	L5P
4	0.5	BN/RD	2917	I	L5P	Fuel Rail Pressure Sensor 5V Reference	4	0.5	BN/RD	2917	II	L5P
5	0.5	BK/GN	2919	I	L5P	Fuel Rail Pressure Sensor Low Reference	5	0.5	BK/GN	2919	II	L5P
6	0.5	BU/WH	2918	I	L5P	Fuel Rail Pressure Sensor Signal	6	0.5	BU/WH	2918	II	L5P
7	0.5	BN/YE	2161	I	L5P	Fuel Rail Pressure Sensor 2 Signal	7	0.5	BN/YE	2161	II	L5P
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X113 ENGINE CHASSIS HARNESS TO ENGINE JUMPER HARNESS (L5P)

Connector Part Information

- Harness Type: Engine Chassis
- OEM Connector: 33472-1206
- Service Connector: 13503528
- Description: 12-Way F 150 MX Series, Sealed (BK)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 33482-1201
- 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	13578813	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13580014	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	0.5	WH/RD	2705	I	L5P	Oil Pressure Sensor 5V Reference	1	0.5	WH/RD	2705	II	L5P
2	0.5	BK/VT	2755	I	L5P	Oil Pressure Sensor Low Reference	2	0.5	BK/VT	2755	II	L5P
3	0.5	YE/BN	331	I	L5P	Oil Pressure Sensor Signal	3	0.5	YE/BN	331	II	L5P
4	0.5	BU	410	I	L5P	Engine Coolant Temperature Sensor Signal	4	0.5	BU	410	II	L5P
5	0.5	BK/BN	2761	I	L5P	Coolant Temperature Sensor Low Reference	5	0.5	BK/BN	2761	II	L5P
6	0.5	BK/WH	251	I	L5P	Signal Ground	6	0.5	BK/WH	251	II	L5P
7	0.5	BN/GN	1174	I	L5P	Oil Level Switch Signal	7	0.5	BN/GN	1174	II	L5P
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	YE	2928	I	L5P	Fuel Metering Valve High Control	10	0.5	YE	2928	II	L5P
11	0.5	BN/BK	2929	I	L5P	Fuel Metering Valve Low Control	11	0.5	BN/BK	2929	II	L5P
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-

XI15 ENGINE HARNESS TO BODY HARNESS

Connector Part Information

- Harness Type: Engine
- OEM Connector: 15509587
- Service Connector: 19119963
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (GY)

Connector Part Information

- Harness Type: Body
- OEM Connector: 15513437
- Service Connector: 13586850
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (GY)

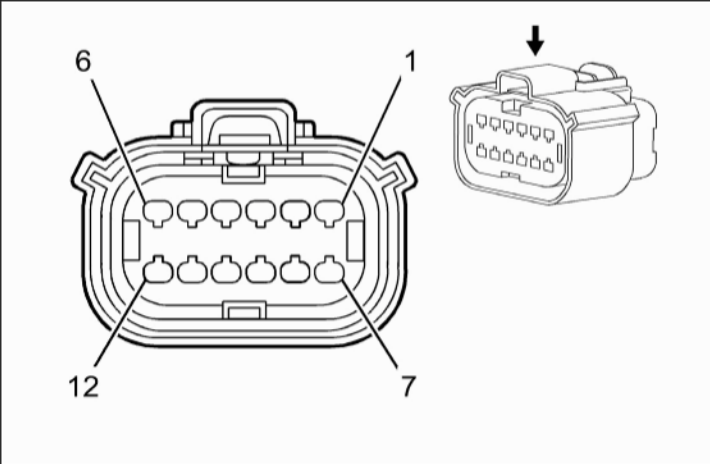
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580829	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13580830	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	13582180	J-35616-14 (GN)	J-38125-560	1241374-1	Lear 17	E	2
IV	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
V	19119560	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	B	G
VI	19329757	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
VII	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13578881	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
XI	19329756	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
XII	19352419	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
XIII	19353142	J-35616-3 (GY)	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	3	RD/GY	1342	V	-	Battery Positive Voltage	1	4	RD/GY	1342	XI	-
2	0.75	D-BU/BN	7573	II	-	Electric Variable Displacement Supply	2	0.5	D-BU/BN	7573	X	-
3	0.5 0.5	BN/WH BN/WH	419 419	III IV	LSP -LSP	Check Engine Indicator Control Check Engine Indicator Control	3	0.35	BN/WH	419	XII	-
4	0.5 0.5	WH/D-BU WH/D-BU	6311 6311	III IV	LSP -LSP	Cruise/ETC/TCC Brake Signal Cruise/ETC/TCC Brake Signal	4	0.35	WH/D-BU	6311	XII	-
5	0.5 0.5	WH WH	2501 2501	III IV	LSP -LSP	High Speed GMLAN Serial Data (-) 1 High Speed GMLAN Serial Data (-) 1	5	0.5	WH	2501	VII	-
6	0.5 0.5	D-BU D-BU	2500 2500	III IV	LSP -LSP	High Speed GMLAN Serial Data (+) 1 High Speed GMLAN Serial Data (+) 1	6	0.5	D-BU	2500	VII	-
7	0.5 0.5	WH WH	5359 5359	III IV	LSP -LSP	Brake Apply Sensor Control Brake Apply Sensor Control	7	0.35	WH	5359	XII	-
8	0.5 0.5	BK/BN BK/BN	5360 5360	III IV	LSP -LSP	Brake Apply Sensor Low Reference Brake Apply Sensor Low Reference	8	0.35	BK/BN	5360	XII	-
9	0.5 0.5	D-BU/YE D-BU/YE	5361 5361	III IV	LSP -LSP	Brake Apply Sensor Signal Brake Apply Sensor Signal	9	0.35	D-BU/YE	5361	XII	-
10	0.5	YE/WH	1161	VI	-	Accelerator Pedal Position Signal 1	10	0.35	YE/WH	1161	XIII	-
11	3	BK	550	V	-	Ground	11	4	BK	550	XI	-
12	0.5	WH/L-GN	7479	IV	-	Rotary Position Sensor Signal	12	0.5	WH/L-GN	7479	VII	-
13	0.5	YE/BK	7478	IV	-	Rotary Position Sensor Low Reference	13	0.5	YE/BK	7478	VII	-
14	0.5 0.5	YE/WH YE/WH	1695 1695	III IV	LSP -LSP	Four Wheel Drive Wheel Lock Indicator Control Four Wheel Drive Wheel Lock Indicator Control	14	0.5	YE/WH	1695	VII	-
15	0.5 0.5	GY/BK GY/BK	1570 1570	III IV	LSP -LSP	Front Axle Actuator Control Front Axle Actuator Control	15	0.5	GY/BK	1570	VII	-
16	0.5 0.5	VT/YE VT/YE	5985 5985	III IV	LSP -LSP	Accessory Wakeup Serial Data Accessory Wakeup Serial Data	16	0.35	VT/YE	5985	XII	-
17	0.5	WH/D-BU	5986	III	-	Serial Data Communication Enable	17	0.5	WH/D-BU	5986	VII	-
18	0.5	WH/RD	1164	VI	-	Accelerator Pedal Position 5V Reference 1	18	0.35	WH/RD	1164	XIII	-

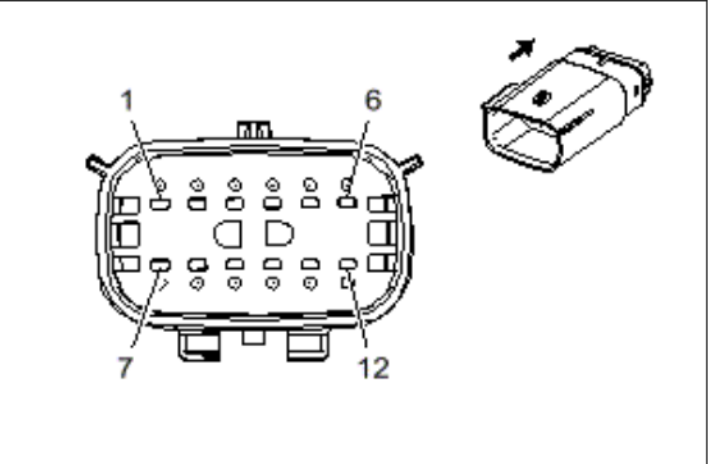
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
19	0.5	BK/D-BU	1271	VI	-	Accelerator Pedal Position Low Reference 1	19	0.35	BK/D-BU	1271	XIII	-
20	0.75	D-BU/YE	7574	II	-	Electric Variable Displacement Control	20	0.5	D-BU/YE	7574	X	-
21	0.5	WH/RD	7477	IV	-	Rotary Position Sensor 5V Reference	21	0.5	WH/RD	7477	VII	-
22	0.5	D-BU/GY	7473	III	L5P	Incremental Encoder Impulse Signal	22	0.35	D-BU/GY	7473	XII	-
	0.5	D-BU/GY	7473	IV	-L5P	Incremental Encoder Impulse Signal						
23	0.5	VT	7476	III	L5P	Incremental Encoder Sensor Low Reference	23	0.35	VT	7476	XII	-
	0.5	VT	7476	IV	-L5P	Incremental Encoder Sensor Low Reference						
24	0.5	YE	5530	IV	-	Hood Open Switch Signal	24	0.5	YE	5530	VII	-
25	0.5	BN/RD	1274	VI	-	Accelerator Pedal Position 5V Reference 2	25	0.35	BN/RD	1274	XIII	-
26	0.5	L-GN/WH	1162	VI	-	Accelerator Pedal Position Signal 2	26	0.35	L-GN/WH	1162	XIII	-
27	0.5	BK/VT	1272	VI	-	Accelerator Pedal Position Low Reference 2	27	0.35	BK/VT	1272	XIII	-
28	-	-	-	-	-	Crankshaft Position Sensor Replicated Signal	28	0.35	VT/D-BU	6091	XII	-
29	2.5	YE/BN	1569	I	-	Transfer Case Lock Solenoid Control	29	2.5	YE/BN	1569	IX	-
30	0.5	WH/L-GN	7475	III	L5P	Incremental Encoder Sensor 8V Reference	30	0.35	WH/L-GN	7475	XII	-
	0.5	WH/L-GN	7475	IV	-L5P	Incremental Encoder Sensor 8V Reference						
31	0.5	YE	7474	III	L5P	Incremental Encoder Direction Signal	31	0.35	YE	7474	XII	-
	0.5	YE	7474	IV	-L5P	Incremental Encoder Direction Signal						
32	0.5	BK/VT	5077	IV	L5P	Current Sensor Low Reference	32	0.35	BK/VT	5077	XII	-
	0.5	BK/VT	5077	IV	-L5P	Current Sensor Low Reference						
33	0.5	WH/YE	5075	IV	-	Current Sensor Signal	33	0.35	WH/YE	5075	XII	-
34	0.5	D-BU/VT	5076	IV	-	Current Sensor Control	34	0.35	D-BU/VT	5076	XII	-
35	0.5	D-BU/YE	6105	III	L5P	High Speed GMLAN Serial Data (+) 2	35	0.5	D-BU/YE	6105	VII	-
	0.5	D-BU/YE	6105	IV	-L5P	High Speed GMLAN Serial Data (+) 2						
36	0.5	WH	6106	III	L5P	High Speed GMLAN Serial Data (-) 2	36	0.5	WH	6106	VII	-
	0.5	WH	6106	IV	-L5P	High Speed GMLAN Serial Data (-) 2						
37	0.75	RD/D-BU	4540	III	-	Battery Positive Voltage	37	0.75	RD/D-BU	4540	VIII	-
38	3	YE/VT	1553	V	-	Transfer Case Motor Counter Clockwise Control	38	4	YE/VT	1553	XI	-
39	0.75	RD/VT	2640	II	-	Battery Positive Voltage	39	0.75	RD/VT	2640	X	-
40	0.5	BN/L-GN	4311	III	-	Power Take Off Enable In Cab Switch Normally Closed Signal	40	0.35	BN/L-GN	4311	XII	-
41	0.5	L-GN/WH	488	III	-	Power Take Off Control Switch	41	0.35	L-GN/WH	488	XII	-
42	0.5	VT/BN	300	IV	-	Run Ignition 3 Voltage	42	0.35	VT/BN	300	XII	-
43	0.5	L-GN/BN	507	III	-	Wait To Start Indicator Control	43	0.35	L-GN/BN	507	XII	-
44	0.5	D-BU/YE	68	III	-	Low Coolant Level Indicator Control	44	0.5	D-BU/YE	68	VII	-
45	0.5	D-BU/GY	636	IV	L5P	Outside Ambient Air Temperature Sensor Signal	45	0.35	D-BU/GY	636	XII	L5P
	0.5	GY/RD	6109	IV	-L5P	Clutch Apply Sensor 5V Reference						
46	0.5	BK/D-BU	61	IV	L5P	Outside Ambient Temperature Sensor Low Reference	46	0.35	BK/D-BU	61	XII	L5P
	0.5	BK/GY	6110	IV	-L5P	Clutch Apply Sensor Low Reference						
47	0.5	YE	6111	IV	-	Clutch Apply Sensor Signal	47	0.5	YE	6111	VII	-
48	3	OG	1552	V	-	Transfer Case Motor Clockwise Control	48	4	YE/GY	1552	XI	-

X116 ENGINE HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Engine
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F



Connector Part Information

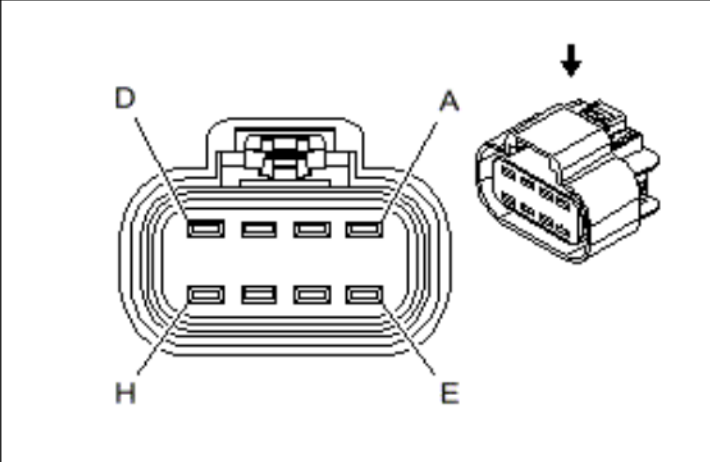
- Harness Type: Body
- OEM Connector: 13534850
- Service Connector: 13503540
- Description: 12-Way M 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

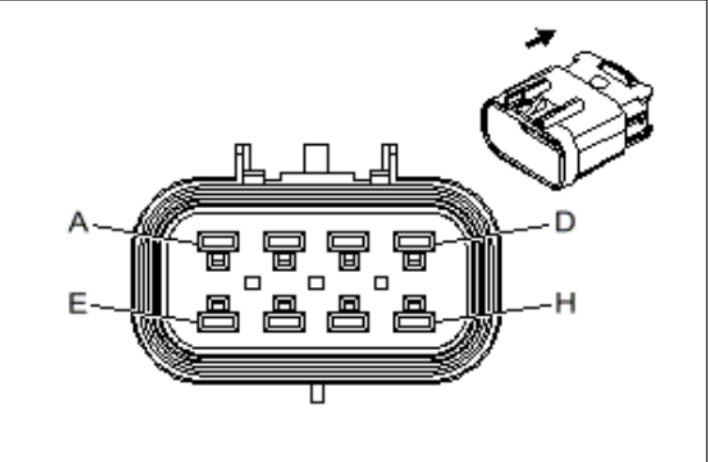
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	0.5	D-BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	3	0.5	D-BU	2500	II	-
4	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	4	0.5	WH	2501	II	-
9	0.5	D-BU/BK	7493	I	-	High Speed GMLAN Serial Data (+)3	9	0.5	D-BU/BK	7493	II	-
10	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-)3	10	0.5	WH	7494	II	-

X120 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (HEAVY DUTY)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15326654
- Service Connector: 88986254
- Description: 8-Way F 280 GT Series, Sealed (BK)



Connector Part Information

- Harness Type: Front Bumper
- OEM Connector: -
- 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-35616-4A (PU)	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	1.5	BK	250	I	-	Ground	A	1.5	BK	250	II	-
B	0.75	YE	312	I	-	Right Headlamp Low Beam Control	B	0.75	YE	312	II	-
C	0.5	WH	311	I	-	Right Headlamp High Beam Control	C	0.5	WH	311	II	-
D	-	-	-	-	-	Not Occupied	D	-	-	-	-	-
E	0.5	GY/BN	309	I	-	Right Park Lamp Control	E	0.5	GY/BN	309	II	-
F	0.75	L-GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	F	0.75	L-GN/VT	1315	II	-
G	0.75	D-BU/BN	7539	I	-	Right Front DRL Control	G	0.75	D-BU/BN	7539	II	-
H	0.5	GY/BN	309	I	-	Right Park Lamp Control	H	0.5	GY/BN	309	II	-

X120 FORWARD LAMP HARNESS TO FRONT BUMPER HARNESS (LIGHT DUTY)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13654393
- Service Connector: 13577527
- Description: 8-Way F 1.5 Series, Sealed (BK)

Connector Part Information

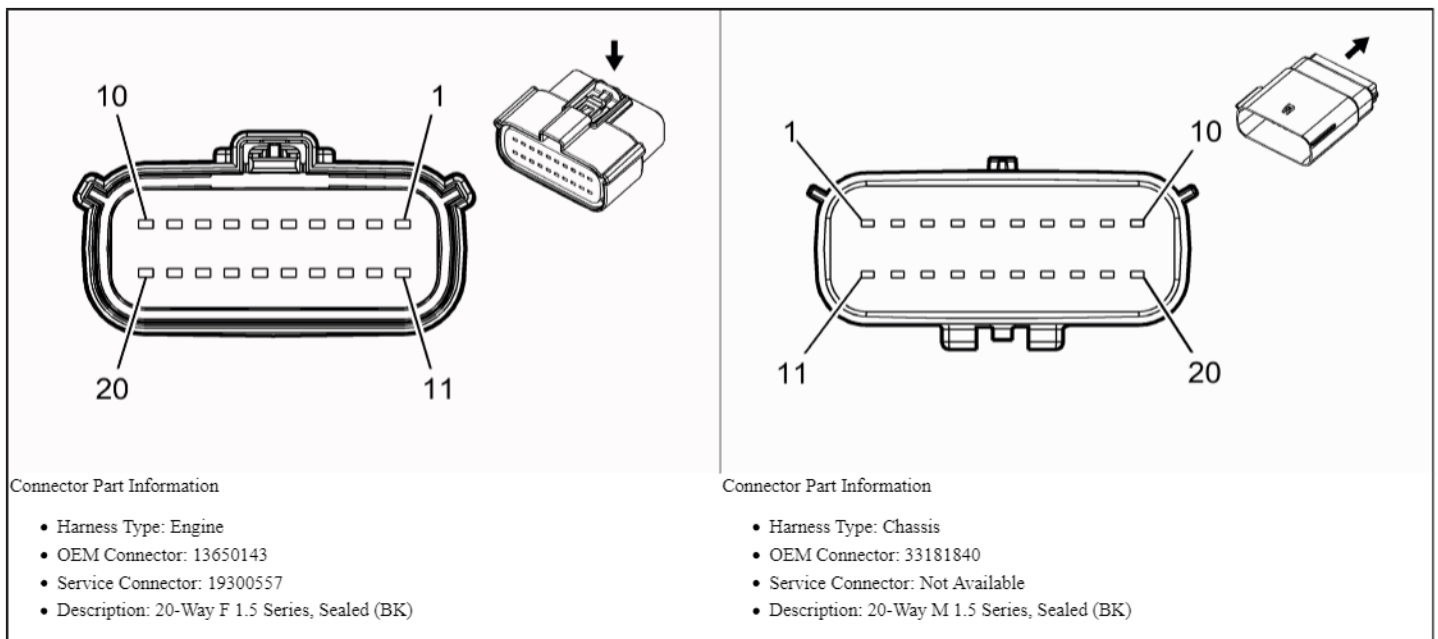
- Harness Type: Front Bumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

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	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	BK	250	I	-	Ground	1	1.5	BK	250	II	-
2	0.75	YE	312	I	-	Right Headlamp Low Beam Control	2	0.75	YE	312	II	-
3	0.5	WH	311	I	-	Right Headlamp High Beam Control	3	0.5	WH	311	II	-
4	0.5	GY/BN	309	I	-	Right Park Lamp Control	4	0.5	GY/BN	309	II	-
5	0.5	WH/D-BU	3203	I	-	Right Headlamp Bulb Outage Signal	5	0.5	WH/D-BU	3203	II	-
6	0.5	VT/GY	3139	I	-	Run/Crank Ignition 1 Voltage	6	0.5	VT/GY	3139	II	-
7	0.75	L-GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	7	0.75	L-GN/VT	1315	II	-
8	0.75	D-BU/BN	7539	I	-	Right Front DRL Control	8	0.75	D-BU/BN	7539	II	-

X125 ENGINE HARNESS TO CHASSIS HARNESS (LV3/L8D/L83/L86/L96)

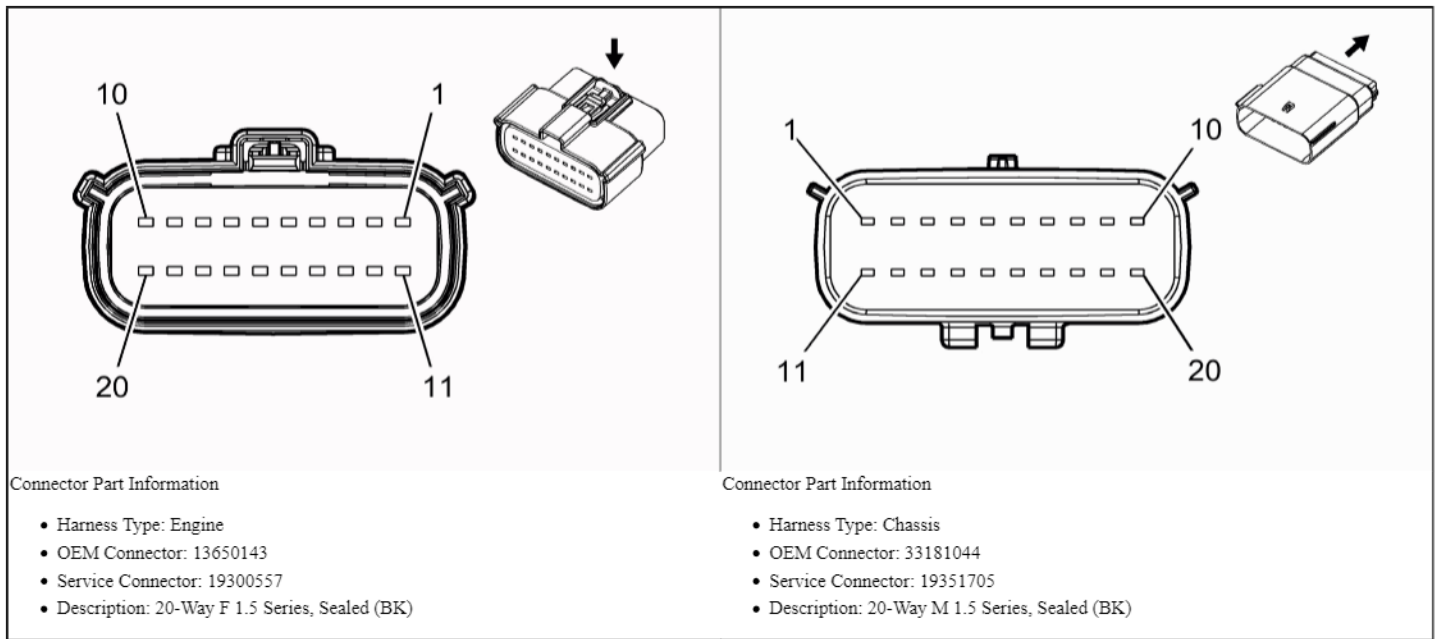


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19119440	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	0.5	VT/BU	3120	I	-	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	1	0.5	VT/BU	3120	II	-
2	0.5	WH/YE	3121	I	-	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	2	0.5	WH/YE	3121	II	-
3	0.5	GY/WH	3122	I	-	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	3	0.5	GY/WH	3122	II	-
4	0.5	VT/BU	5294	I	-	Powertrain Main Relay Fused Supply 5	4	0.5	VT/BU	5294	II	-
5	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	5	0.5	BU/YE	6105	II	-
6	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	6	0.5	WH	6106	II	-
7	0.5	WH	1310	I	-	EVAP Canister Vent Solenoid Control	7	0.5	WH	1310	II	-
8	0.5 0.5	BU/WH BU/WH	7446 1937	I I	L5P L96	Fuel Line Pressure Sensor Signal Secondary Fuel Level Sensor Signal	8	0.5	BU/WH	7446	II	-
9	0.5	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	9	0.5	BK/YE	7447	II	-
10	0.5	RD/WH	2740	I	-	Battery Positive Voltage	10	-	-	-	-	-
11	0.5	BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	11	0.5	BU/VT	1589	II	-
12	0.5	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	12	0.5	BK/GN	6281	II	-
13	0.5	BU/BK	7493	I	-	High Speed GMLAN Serial Data (+)3	13	0.5	BU/BK	7493	II	-
14	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-)3	14	0.5	WH	7494	II	-
15	0.5	BU/WH	890	I	-	Fuel Tank Pressure Sensor Signal	15	0.5	BU/WH	890	II	-
16	0.5	YE/RD	2709	I	-	Fuel Tank Pressure Sensor 5V Reference	16	0.5	YE/RD	2709	II	-
17	0.5	WH	1579	I	-	Fuel Temperature/Composition Signal	17	0.5	WH	1579	II	-
18	0.5	BN/RD	7445	I	-	Fuel Line Pressure Sensor 5V Reference	18	0.5	BN/RD	7445	II	-
19 - 20	-	-	-	-	-	Not Occupied	19 - 20	-	-	-	-	-

X125 ENGINE HARNESS TO CHASSIS HARNESS (L5P)



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300432	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	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	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	0.5	BK/VT	3661	II	-	Exhaust Gas Temperature Sensor 5 Low Reference	1	0.5	BK/VT	3661	III	-
2	0.5	D-BU/GY	3660	II	-	Exhaust Gas Temperature Sensor 5 Signal	2	0.5	D-BU/GY	3660	III	-
3	0.5	BK/GY	3659	II	-	Exhaust Gas Temperature Sensor 4 Low Reference	3	0.5	BK/GY	3659	III	-
4	0.5	VT/BN	3658	II	-	Exhaust Gas Temperature Sensor 4 Signal	4	0.5	VT/BN	3658	III	-
5	0.5	D-BU/YE	6105	II	-	High Speed GMLAN Serial Data (+) 2	5	0.5	D-BU/YE	6105	III	-
6	0.5	WH	6106	II	-	High Speed GMLAN Serial Data (-) 2	6	0.5	WH	6106	III	-
7	0.5	BK/L-GN	3657	II	-	Exhaust Gas Temperature Sensor 3 Low Reference	7	0.5	BK/L-GN	3657	III	-
8	0.5	D-BU/WH	7446	II	-	Fuel Line Pressure Sensor Signal	8	0.5	D-BU/WH	7446	III	-
9	0.5	BK/YE	7447	II	-	Fuel Line Pressure Sensor Low Reference	9	0.5	BK/YE	7447	III	-
10	0.5	RD/WH	2740	II	-	Battery Positive Voltage	10	0.5	RD/WH	2740	III	-
11	0.5	GY/L-GN	5378	II	-	Exhaust Gas Temperature Sensor 3	11	0.5	GY/L-GN	5378	III	-
12	0.5	BN/D-BU	2926	II	-	Hydrocarbon Injector High Control	12	0.5	BN/D-BU	2926	III	-
13	0.5	WH	4499	II	-	High Speed GMLAN Serial Data (-) 7	13	0.5	WH	4499	III	-
14	0.5	D-BU/BN	4498	II	-	High Speed GMLAN Serial Data (+) 7	14	0.5	D-BU/BN	4498	III	-
15	0.5	WH/RD	6054	II	-	Exhaust Pressure Sensor 5V Reference 1	15	0.5	WH/RD	6054	III	-
16	0.5	BK/YE	6055	II	-	Exhaust Pressure Sensor Low Reference 1	16	0.5	BK/YE	6055	III	-
17	0.5	D-BU	6053	II	-	Exhaust Pressure Sensor Signal 1	17	0.5	D-BU	6053	III	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
18	0.5	BN/RD	7445	II	-	Fuel Line Pressure Sensor 5V Reference	18	0.5	BN/RD	7445	III	-
19	1.5	VT/D-BU	3674	I	-	NOx Sensor 1 Control	19	1.5	VT/D-BU	3674	IV	-
20	0.5	VT/BN	2927	II	-	Hydrocarbon Injector Low Control	20	0.5	VT/BN	2927	III	-

XI25 ENGINE HARNESS TO CHASSIS HARNESS (L96/LC8/LV3)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 13650143
- Service Connector: 19300557
- Description: 20-Way F 1.5 Series, Sealed (BK)

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33181840
- Service Connector: 19300560
- Description: 20-Way M 1.5 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19119440	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	0.5	VT/D-BU	3120	I	-	Heated Oxygen Sensor High Signal Bank 1 Sensor 2	1	0.5	VT/D-BU	3120	II	-
2	0.5	WH/YE	3121	I	-	Heated Oxygen Sensor Low Signal Bank 1 Sensor 2	2	0.5	WH/YE	3121	II	-
3	0.5	GY/WH	3122	I	-	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 2	3	0.5	GY/WH	3122	II	-
4	0.5	VT/D-BU	5294	I	-	Powertrain Main Relay Fused Supply 5	4	0.5	VT/D-BU	5294	II	-
5	0.5	D-BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	5	0.5	D-BU/YE	6105	II	-
6	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	6	0.5	WH	6106	II	-
7	0.5	WH	1310	I	-	EVAP Canister Vent Solenoid Control	7	0.5	WH	1310	II	-
8	0.5 0.5	D-BU/WH D-BU/WH	1937 7446	I I	L96/LC8 -L96/LC8	Secondary Fuel Level Sensor Signal Fuel Line Pressure Sensor Signal	8	0.5	D-BU/WH	7446	II	-
9	0.5	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	9	0.5	BK/YE	7447	II	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.5	D-BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	11	0.5	D-BU/VT	1589	II	-
12	0.5	BK/L-GN	6281	I	-	Fuel Level Sensor Low Reference	12	0.5	BK/L-GN	6281	II	-
13	0.5	D-BU/BK	7493	I	-	High Speed GMLAN Serial Data (+) 3	13	0.5	D-BU/BK	7493	II	-
14	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-) 3	14	0.5	WH	7494	II	-
15	0.5	D-BU/WH	890	I	-	Fuel Tank Pressure Sensor Signal	15	0.5	D-BU/WH	890	II	-
16	0.5	YE/RD	2709	I	-	Fuel Tank Pressure Sensor 5V Reference	16	0.5	YE/RD	2709	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
17	0.5	WH	1579	I	-	Fuel Temperature/Composition Signal	17	0.5	WH	1579	II	-
18	0.5	BN/RD	7445	I	-	Fuel Line Pressure Sensor 5V Reference	18	0.5	BN/RD	7445	II	-
19 - 20	-	-	-	-	-	Not Occupied	19 - 20	-	-	-	-	-

X132 AERO SHUTTER JUMPER HARNESS TO FORWARD LAMP HARNESS

Connector Part Information

- Harness Type: Aero Shutter Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33104948
- Service Connector: 19333101
- Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
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	1	BK	250	I	-	Ground	1	1	BK	250	II	-
2	0.5	VT/BU	5290	I	-	Powertrain Main Relay Fused Supply 1	2	0.5	VT/BU	5290	II	-
3	0.5	GN/VT	4621	I	-	Local Interconnect Network Serial Data Bus 21	3	0.5	GN/VT	4621	II	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	5	0.5	BK/BU	61	II	-
6	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	6	0.5	BU/GY	636	II	-

X134 CHASSIS HARNESS TO IGNITION COIL HARNESS

Connector Part Information

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

Connector Part Information

- Harness Type: Ignition Coil
- OEM Connector: -
- 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	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	2	0.5	WH	2501	II	-
3	0.5	D-BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	3	0.5	D-BU	2500	II	-
4	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	4	0.5	WH	6106	II	-
5	0.5	D-BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	5	0.5	D-BU/YE	6105	II	-
6 - 7	-	-	-	-	-	Not Occupied	6 - 7	-	-	-	-	-
8	0.5	WH/D-BU	5986	I	-	Serial Data Communication Enable	8	0.5	WH/D-BU	5986	II	-
9	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	9	0.5	WH	2501	II	-
10	0.5	D-BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	10	0.5	D-BU	2500	II	-
11	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	11	0.5	WH	6106	II	-
12	0.5	D-BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	12	0.5	D-BU/YE	6105	II	-

X138 CHASSIS HARNESS TO BODY HARNESS

Connector Part Information

- Harness Type: Chassis

Connector Part Information

- Harness Type: Body

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

- 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	13578884	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13580829	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	13580834	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	19353105	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13580827	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19352419	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	0.5	GN/BK	7633	IV	-	Integrated Trailer Brake Controller User Gain Signal	1	0.5	GN/BK	7633	VIII	-
2	0.5	GN/BN	2087	I	-	Combined Vehicle Inertial Sensor Supply Voltage	2	0.35	GN/BN	2087	IX	-
3	0.5	YE	7635	I	-	Integrated Trailer Brake Controller Manual Apply Signal	3	0.5	YE	7635	V	-
4	0.5	BU/RD	7632	I	-	Integrated Trailer Brake Controller Switch 5V Reference	4	0.5	BU/RD	7632	V	-
5	0.5	BN	7634	I	-	Integrated Trailer Brake Controller Redundant Manual Apply Signal	5	0.5	BN	7634	V	-
6	0.5	BK/BN	7631	I	-	Integrated Trailer Brake Controller Switch Low Reference	6	0.5	BK/BN	7631	V	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.5	GN	5060	I	-	Low Speed GMLAN Serial Data	8	0.5	GN	5060	V	-
9	0.5	BN/WH	2374	I	-	Object Sensor Control	9	0.35	BN/WH	2374	IX	-
10	0.75	YE/BN	967	III	-	-	10	0.75	YE/BN	967	VI	-
11	0.5	YE	2375	I	-	Left Rear Corner Object Sensor Signal	11	0.35	YE	2375	IX	-
12	0.5	YE/BU	2376	I	-	Left Rear Middle Object Sensor Signal	12	0.35	YE/BU	2376	IX	-
13	0.5	YE/VT	2378	I	-	Right Rear Corner Object Sensor Signal	13	0.35	YE/VT	2378	IX	-
14	0.5	YE/WH	2377	I	-	Right Rear Middle Object Sensor Signal	14	0.35	YE/WH	2377	IX	-
15	0.75	RD/GN	968	III	-	-	15	0.75	RD/GN	968	VI	-
16	0.5	GN/YE	6846	IV	-	Rear License Lamp Control	16	0.5	GN/YE	6846	VIII	-
17	0.5	WH/BU	5986	IV	-	Serial Data Communication Enable	17	0.5	WH/BU	5986	VIII	-
18	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	18	0.5	BU	2500	V	-
19	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	19	0.5	WH	2501	V	-
20	0.5	VT/YE	5985	I	-	Accessory Wakeup Serial Data	20	0.5	VT/YE	5985	V	-
21	0.5	BK/GY	2379	I	-	Object Sensor Low Reference	21	0.35	BK/GY	2379	IX	-
22	-	-	-	-	-	Not Occupied	22	-	-	-	-	-
23	0.5	GY/BN	309	I	-	Right Park Lamp Control	23	0.5	GY/BN	309	V	-
24	0.75	BN/YE	294	III	-	Door Lock Actuator Unlock Control	24	0.75	BN/YE	294	VI	-
25	0.75 0.75	GY GY	295 5911	III III	AU3+A91 AU3+N08	Door Lock Actuator Lock Control Door Lock Actuator Lock Control 2	25	0.75	GY	295	VI	-
26	0.5	BU/BK	7493	I	-	High Speed GMLAN Serial Data (+)3	26	0.5	BU/BK	7493	V	-
27	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-)3	27	0.5	WH	7494	V	-
28	-	-	-	-	-	Not Occupied	28	-	-	-	-	-
29	0.5	BK	2550	I	-	Ground	29	0.75	BK	2550	VI	-
30	0.5	BK	6974	I	-	Camera Low Reference	30	0.5	BK	6974	V	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
31	0.75	WH/BN	158	III	-	Cargo Lamp Switch Signal	31	0.75	WH/BN	6815	VI	-
32	2.5	BU	47	II	-	Trailer Auxiliary Control	32	2.5	BU	47	VII	-
33	-	-	-	-	-	Battery Positive Voltage	33	2.5	RD/BU	1842	VII	-
34	0.5	GY/GN	6190	I	-	Lift Glass/Rear Compartment Lid Exterior Release Signal	34	0.5	GY/GN	6190	V	-
35	0.5	YE	9003	I	-	-	35	0.5	YE	9003	V	-
36	0.75	WH/VT	1430	III	-	Exterior Courtesy Lamp Control	36	0.75	WH/VT	1430	VI	-
37	0.5	GY/YE	6972	I	-	Camera Signal 2 +	37	0.35	GY/YE	6972	IX	-
38	0.5	WH/BU	6973	I	-	Camera Signal 2	38	0.35	WH/BU	6973	IX	-
39	0.5	BN/WH	7462	I	-	Running Boards Disable Signal	39	0.35	BU/YE	6844	IX	-
40	0.5	GN/GY	817	I	-	Vehicle Speed Signal	40	0.5	GN/GY	817	V	-

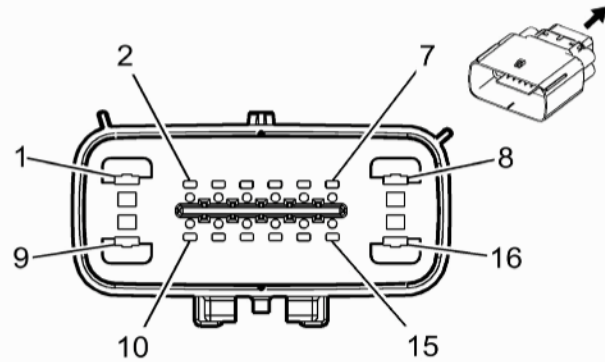
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2017 ELECTRICAL

Wiring Systems and Power Management - Inline Harness Connector End Views - Sierra, Silverado

INLINE HARNESS CONNECTOR END VIEWS

X143 REDUCTANT FLUID HARNESS TO ENGINE HARNESS (L5P)



Connector Part Information

- Harness Type: Reductant Fluid
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F

Connector Part Information

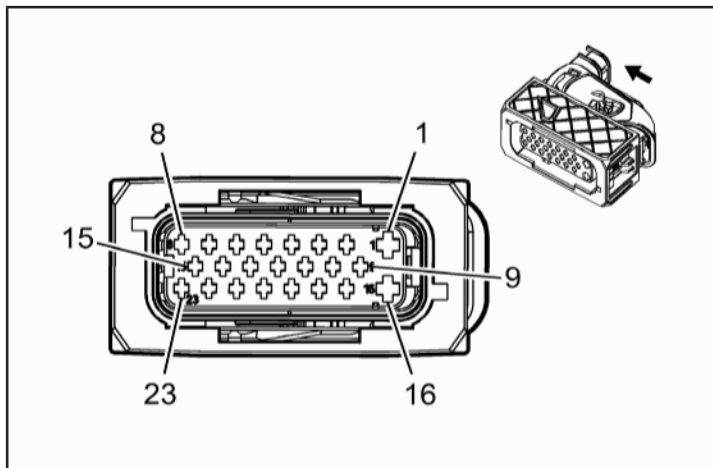
- Harness Type: Engine
- OEM Connector: 33182033
- Service Connector: 19354088
- Description: 16-Way M 150 MX Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19329833	J-35616-3 (GY)	J-38125-12A	1326030-6	Lear 17	E	2
IV	19329833	J-35616-5 (PU)	J-38125-12A	1326030-6	Lear 17	E	C
V	19329833	J-35616-5 (PU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

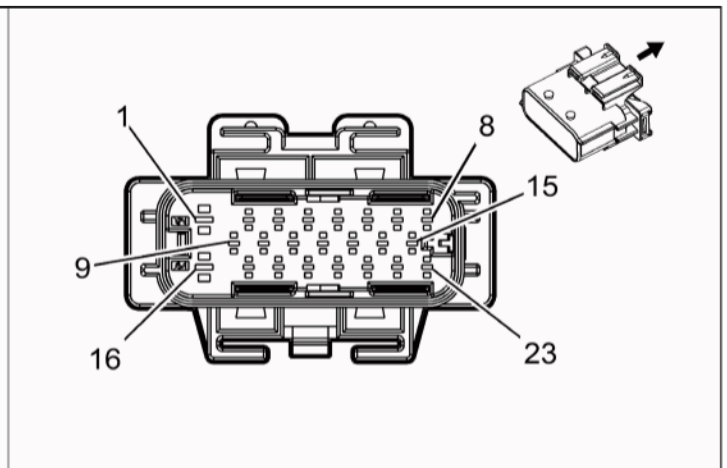
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	RD/WH	3440	I	-	Battery Positive Voltage	1	0.75	RD/WH	3440	IV	-
4	0.5	WH	4499	I	-	High Speed GMLAN Serial Data (-) 7	4	0.5	WH	4499	II	-
5	0.5	BU/BN	4498	I	-	High Speed GMLAN Serial Data (+) 7	5	0.5	BU/BN	4498	II	-
8	2.5	BK	550	I	-	Ground	8	2.5	BK	550	V	-
9	0.5	VT/GN	4320	I	-	Selective Catalytic Reduction Power Module Wake-Up Signal	9	0.5	VT/GN	4320	III	-
14	0.5	WH	4499	I	-	High Speed GMLAN Serial Data (-) 7	14	0.5	WH	4499	II	-
15	0.5	BU/BN	4498	I	-	High Speed GMLAN Serial Data (+) 7	15	0.5	BU/BN	4498	II	-
16	2.5	BU	3921	I	-	DEF Heater Supply 1	16	2.5	BU	3921	V	-

X150 BODY HARNESS TO FORWARD LAMP HARNESS (EXTENDED CAB)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13674800
- Service Connector: 19300480
- Description: 23-Way F 1.5 DSQ, 2.8 AST Series, Sealed (BK)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13750011
- Service Connector: 19301797
- Description: 23-Way M 1.5, 2.8 Series, Sealed (BK)

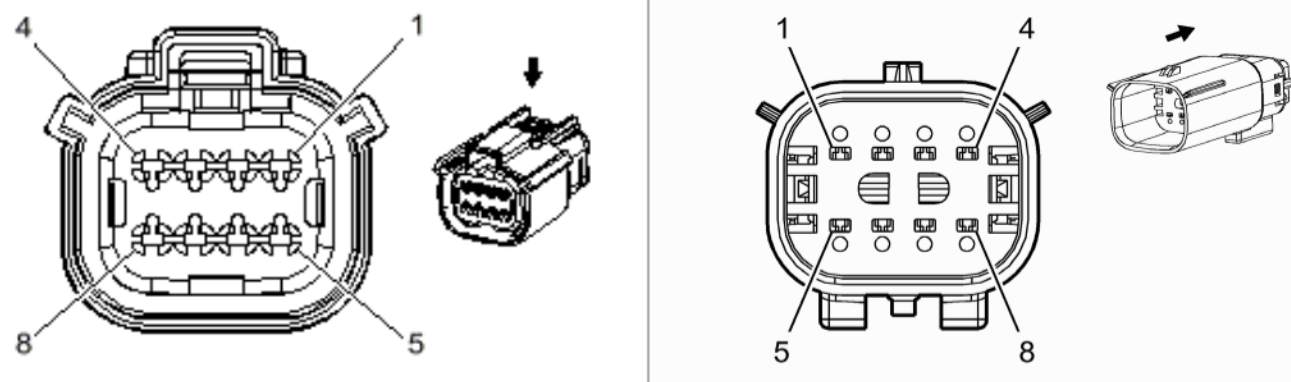
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575389	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	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	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	0.35	BK/D-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	1	0.5	BK/D-BU	61	IV	-
2 - 3	-	-	-	-	-	Not Occupied	2 - 3	-	-	-	-	-
4	0.35	YE/GY	5216	II	-	Front Parking Left Mid Sensor	4	0.5	YE/GY	5216	III	-
5	0.35	WH/GY	5217	II	-	Front Parking Right Corner Sensor	5	0.5	WH/GY	5217	III	-
6	0.35	VT/GY	5218	II	-	Front Parking Right Mid Sensor	6	0.5	VT/GY	5218	III	-
7	0.35	BK/D-BU	5214	II	-	Front Parking Sensor Low Reference	7	0.5	BK/D-BU	5214	III	-
8	0.35	VT/WH	5215	II	-	Front Parking Left Corner Sensor	8	0.5	VT/WH	5215	III	-
9 - 10	-	-	-	-	-	Not Occupied	9 - 10	-	-	-	-	-
11	0.35	OG/L-GN	1409	II	-	Right Front Discriminating Sensor Signal	11	0.5	OG/L-GN	1409	III	-
12	0.35	BK/OG	5600	II	-	Right Front Discriminating Sensor Low Reference	12	0.5	BK/OG	5600	III	-
13	-	-	-	-	-	Not Occupied	13	-	-	-	-	-
14	0.35	VT	185	II	-	Low Washer Fluid Indicator Control	14	0.5	VT	185	III	-
15	0.35	YE/VT	5213	II	-	Front Parking Left/Right/Mid Sensor	15	0.5	YE/VT	5213	III	-
16	0.35	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	16	0.5	D-BU/GY	636	IV	-
17 - 19	-	-	-	-	-	Not Occupied	17 - 19	-	-	-	-	-
20	0.35	OG/YE	354	II	-	Middle Front Discriminating Sensor Signal Left Front Discriminating Sensor Signal	20	0.5 0.5	OG/GY OG/YE	6618 354	III III	3500 1500/2500
21	0.35	BK/OG	5045	II	-	Middle Front Discriminating Sensor Low Reference Left Front Discriminating Sensor Low Reference	21	0.5 0.5	BK/OG BK/OG	6619 5045	III III	3500 1500/2500

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
22	0.5	YE	5530	II	-	Hood Open Switch Signal	22	0.5	YE	5530	III	-
23	0.5	BN/L-GN	109	II	-	Hood Ajar Switch Signal	23	0.5	BN/L-GN	109	III	-

X154 ENGINE HARNESS TO CAMSHAFT POSITION SENSOR JUMPER HARNESS



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13884361
- Service Connector: 19301723
- Description: 8-Way F 1.5 Series, Sealed (BK)

Connector Part Information

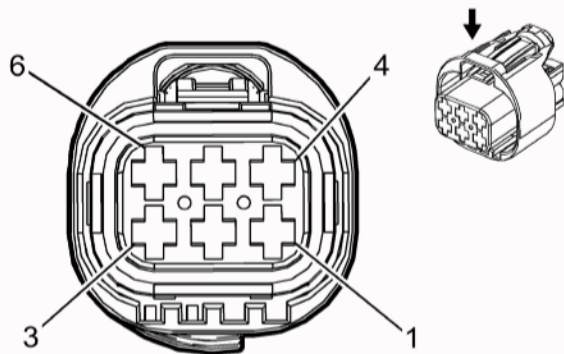
- Harness Type: Camshaft Position Sensor Jumper
- OEM Connector: 13790317
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 MX Series, Sealed (BK)

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

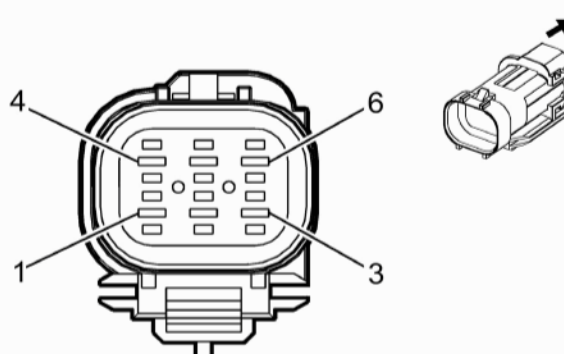
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GY/BU	5300	I	-	Camshaft Position Intake Sensor Control 1	1	0.5	GY/BU	5300	II	-
2	0.5	BK/GN	5301	I	-	Camshaft Position Intake Sensor Low Reference 1	2	0.5	BK/GN	5301	II	-
3	0.5	YE/VT	5275	I	-	Camshaft Position Intake Sensor 1	3	0.5	YE/VT	5275	II	-
4	0.5	BU	179	I	-	Oil Pump Command Signal	4	0.5	BU	179	II	-
5	0.5	VT/BN	5284	I	-	Camshaft Phaser Intake Solenoid 1	5	0.5	VT/BN	5284	II	-
6	0.5	BK/BN	6753	I	-	Cam Phaser W Low Reference	6	0.5	BK/BN	6753	II	-
7	0.75	VT/BU	5293	I	-	Powertrain Main Relay Fused Supply 4	7	0.5	VT/BU	5293	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X158 AUXILIARY BATTERY HARNESS TO ENGINE HARNESS



Connector Part Information

- Harness Type: Auxiliary Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F



Connector Part Information

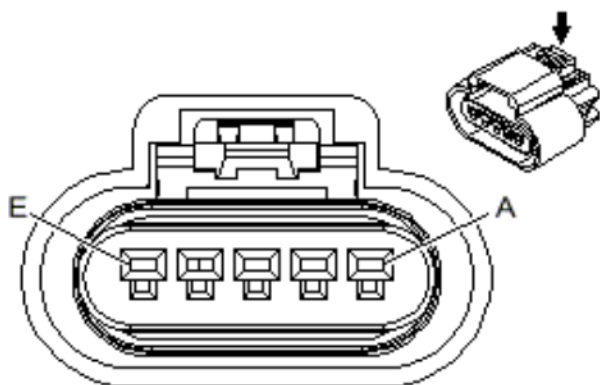
- Harness Type: Engine
- OEM Connector: 13893482
- Service Connector: 19329921
- Description: 6-Way M 2.8 Series, Sealed (BK)

Terminal Part Information

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

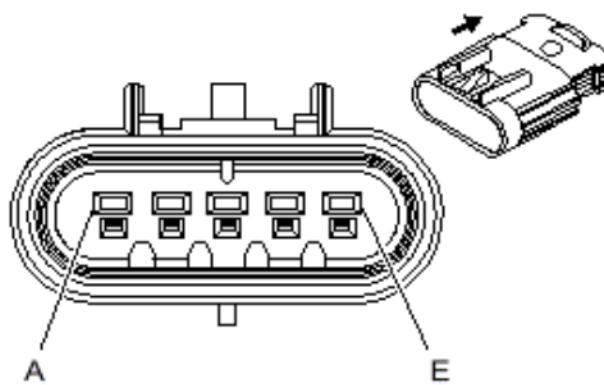
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/BN	300	I	-	Run Ignition 3 Voltage	1	0.5	VT/BN	300	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.5	RD/WH	3440	I	-	Battery Positive Voltage	3	0.5	RD/WH	3440	II	-
4	1	BK	550	I	-	Ground	4	1	BK	550	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	2.5	RD/GN	742	I	-	Battery Positive Voltage	6	2.5	RD/GN	742	II	-

X159 ENGINE HARNESS TO CAMSHAFT POSITION SENSOR JUMPER HARNESS



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15326822
- Service Connector: 13585858
- Description: 5-Way F 150 GT Series, Sealed (BK)



Connector Part Information

- Harness Type: Camshaft Position Sensor Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-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	A	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	GY/BU	5300	I	-	Camshaft Position Intake Sensor Control 1	A	0.5	GY/BU	5300	II	-
B	0.5	BK/GN	5301	I	-	Camshaft Position Intake Sensor Low Reference 1	B	0.5	BK/GN	5301	II	-
C	0.5	YE/VT	5275	I	-	Camshaft Position Intake Sensor 1	C	0.5	YE/VT	5275	II	-
D	0.5	VT/BN	5284	I	-	Camshaft Phaser Intake Solenoid 1	D	0.5	VT/BN	5284	II	-
E	0.5	BK/BN	6753	I	-	Cam Phaser W Low Reference	E	0.5	BK/BN	6753	II	-

X160 ENGINE HARNESS TO ODD FUEL INJECTOR 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: Odd Fuel Injector
- OEM Connector: -
- 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	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.75	BN/WH	4901	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	2	0.75	BN/WH	4901	III	-
3	0.75	L-GN/BK	4903	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	3	0.75	L-GN/BK	4903	III	-
4	0.75	L-GN/WH	4905	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	4	0.75	L-GN/WH	4905	III	-
5	0.75	BN	4801	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	5	0.75	BN	4801	III	-
6 - 7	-	-	-	-	-	Not Occupied	6 - 7	-	-	-	-	-
8	0.75	L-GN	4803	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	8	0.75	L-GN	4803	III	-
9	0.75	WH/L-GN	4805	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	9	0.75	WH/L-GN	4805	III	-
10	0.5	BN/RD	2917	II	-	Fuel Rail Pressure Sensor 5V Reference	10	0.5	BN/RD	2917	III	-
11	0.5	D-BU/WH	2918	II	-	Fuel Rail Pressure Sensor Signal	11	0.5	D-BU/WH	2918	III	-
12	0.5	BK/L-GN	2919	II	-	Fuel Rail Pressure Sensor Low Reference	12	0.5	BK/L-GN	2919	III	-

X161 ENGINE HARNESS TO EVEN FUEL INJECTOR HARNESS ()

Connector Part Information

- Harness Type: Engine
- OEM Connector: 13922706
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)

Connector Part Information

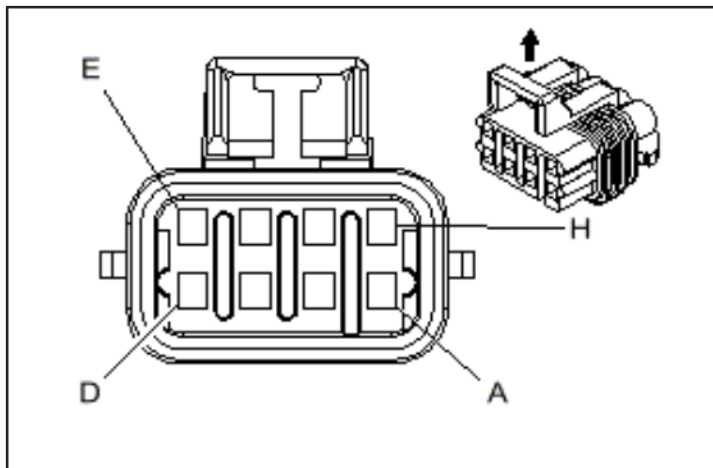
- Harness Type: Even Fuel Injector
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578813	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

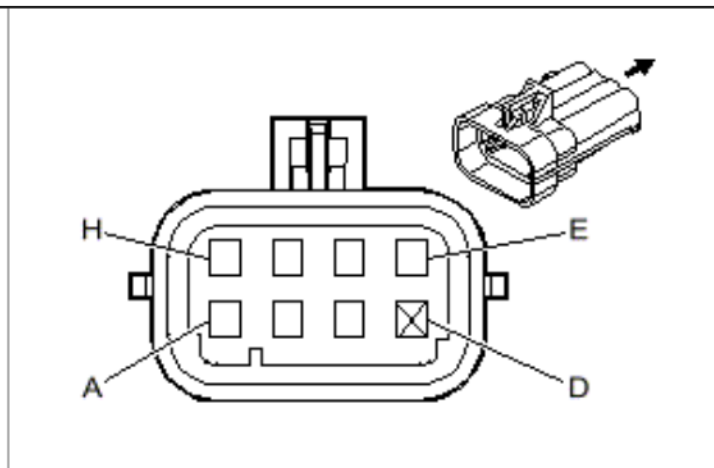
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BN/GN	4902	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	1	0.75	BN/GN	4902	II	-
2	0.75	BU/WH	4904	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	2	0.75	BU/WH	4904	II	-
3	0.75	VT	4906	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	3	0.75	VT	4906	II	-
4	0.75	WH/GN	4908	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 8	4	0.75	WH/GN	4908	II	-
5	0.75	BU	4802	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	5	0.75	BU	4802	II	-
6 - 7	-	-	-	-	-	Not Occupied	6 - 7	-	-	-	-	-
8	0.75	GY/BU	4804	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	8	0.75	GY/BU	4804	II	-
9	0.75	GN/VT	4806	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	9	0.75	GN/VT	4806	II	-
10	0.75	GY	4808	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 8	10	0.75	GY	4808	II	-
11	0.75	VT/BK	7300	I	-	High Pressure Fuel Pump Actuator Low - Control	11	0.75	VT/BK	7300	II	-
12	0.75	YE	7301	I	-	High Pressure Fuel Pump Actuator High - Control	12	0.75	YE	7301	II	-

X170 ENGINE HARNESS TO IGNITION COIL ODD JUMPER HARNESS (L96 (ODD BANK))



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12047938
- Service Connector: 13580883
- Description: 8-Way F 150 Metri-Pack Series, Sealed (L-GY)



Connector Part Information

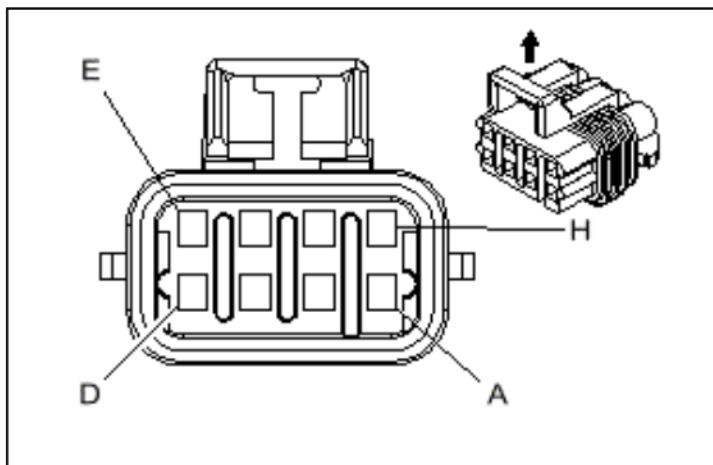
- Harness Type: Ignition Coil Jumper
- OEM Connector: 15496016
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 Metri-Pack Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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

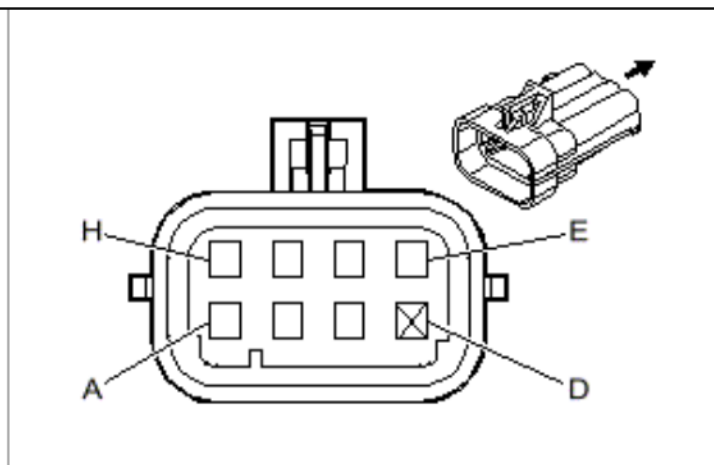
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.75	BK	350	I	-	Ground	A	0.8	BK	350	II	-
B	0.5	L-GN/GY	2127	I	-	Ignition Control 7	B	0.5	RD	2127	II	-
C	0.5	D-BU/GY	2125	I	-	Ignition Control 5	C	0.5	D-GN	2125	II	-
E	0.5	BK/D-BU	2129	I	-	Ignition Control Low Reference Bank 1	E	0.5	BN	2129	II	-
F	0.5	L-GN/D-BU	2123	I	-	Ignition Control 3	F	0.5	L-BU	2123	II	-
G	0.5	D-BU/VT	2121	I	-	Ignition Control 1	G	0.5	VT	2121	II	-
H	0.75	VT/D-BU	5291	I	-	Powertrain Main Relay Fused Supply 2	H	0.8	PK	39	II	-

X171 ENGINE HARNESS TO IGNITION COIL EVEN JUMPER HARNESS (L96 (EVEN BANK))



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12047938
- Service Connector: 13580883
- Description: 8-Way F 150 Metri-Pack Series, Sealed (L-GY)



Connector Part Information

- Harness Type: Ignition Coil Jumper
- OEM Connector: 15496016
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 Metri-Pack Series (GY)

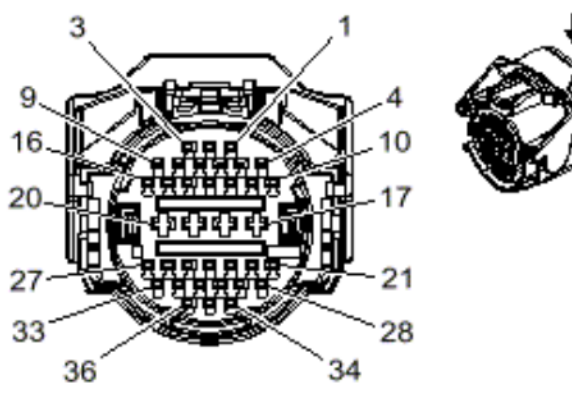
Terminal Part Information

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

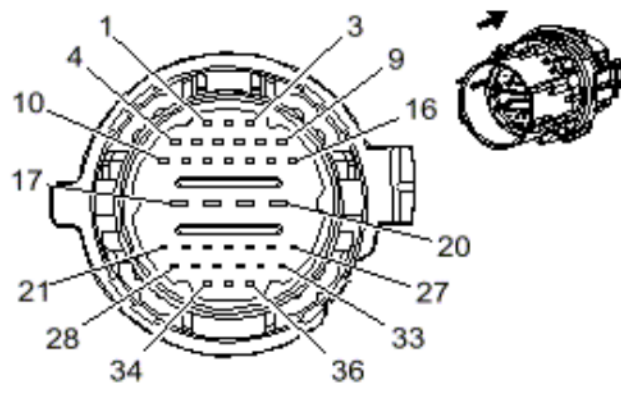
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.75	BK	350	I	-	Ground	A	0.8	BK	450	II	-
B	0.5	D-BU/WH	2122	I	-	Ignition Control 2	B	0.5	BU/WH	2122	II	-
C	0.5	YE/D-BU	2124	I	-	Ignition Control 4	C	0.5	YE/BU	2124	II	-
E	0.5	BK/GY	2130	I	-	Ignition Control Low Reference Bank 2	E	0.5	BN	2129	II	-
F	0.5	BN/D-BU	2126	I	-	Ignition Control 6	F	0.5	BN/BU	2126	II	-
G	0.5	VT/WH	2128	I	-	Ignition Control 8	G	0.5	VT/WH	2128	II	-
H	0.75	VT/D-BU	5292	I	-	Powertrain Main Relay Fused Supply 3	H	0.8	PK	39	II	-

X175 ENGINE HARNESS TO TRANSMISSION HARNESS (L83/L86)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15504573
- Service Connector: 19329922
- Description: 36-Way F 1.2 MCON-CB, 2.8 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Transmission
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 36-Way M

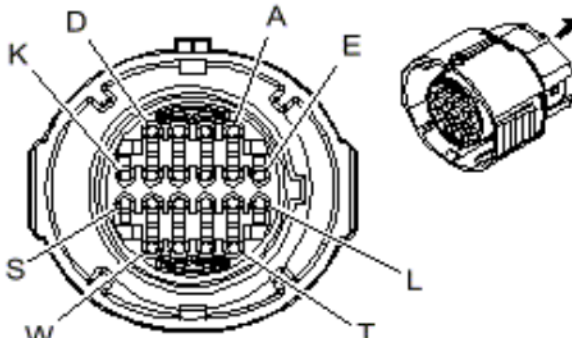
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582289	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	Not Available	J-35616-35 (VT)	J-38125-557	1241388-1	Lear 17	E	C
III	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	0.5	GN/WH	6380	I	-	TCC On/Off Solenoid A Control	1	0.5	GN/WH	6380	III	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.5	YE/BN	6404	I	-	Clutch E Control	3	0.5	YE/BN	6404	III	-
4	0.5	GY/GN	6403	I	-	Clutch D Control	4	0.5	GY/GN	6403	III	-
5	0.5	BN	6400	I	-	Clutch A Control	5	0.5	BN	6400	III	-
6	0.5	BU	6401	I	-	Clutch B Control	6	0.5	BU	6401	III	-
7	0.5	YE/BN	6210	I	-	TCC On/Off Solenoid B Control	7	0.5	YE/BN	6210	III	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	GY	6402	I	-	Clutch C Control	10	0.5	GY	6402	III	-
11	0.5	BK/BN	586	I	-	Transmission Oil Temperature Sensor Low Reference	11	0.5	BK/BN	586	III	-
12	0.5	BN/WH	585	I	-	Transmission Oil Temperature Sensor Signal	12	0.5	BN/WH	585	III	-
13	0.5	WH	4508	I	-	Transmission Clutch G Control	13	0.5	WH	4508	III	-
14	0.5	WH/BU	4507	I	-	Transmission Clutch H Control	14	0.5	WH/BU	4507	III	-
15 - 17	-	-	-	-	-	Not Occupied	15 - 17	-	-	-	-	-

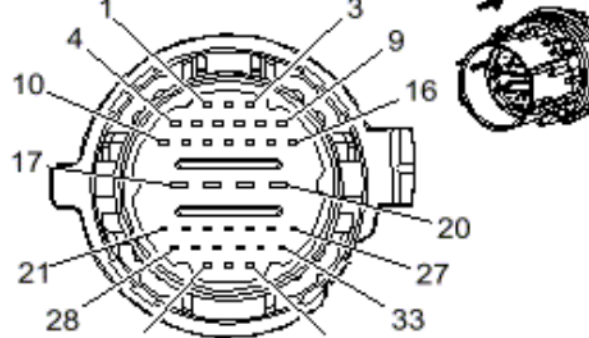
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
18	0.75	GN/GY	6387	II	-	Transmission High Side Driver 1 Signal Driver	18	0.75	GN/GY	6387	III	-
19	0.75	GY/BN	6388	II	-	Transmission High Side Driver 2 Signal	19	0.75	GY/BN	6388	III	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21	0.5	WH/BK	5983	I	-	PRNDL C Signal	21	0.5	WH/BK	5983	III	-
22	0.5	VT/WH	5981	I	-	PRNDL A Signal	22	0.5	VT/WH	5981	III	-
23	0.5	GY/WH	4168	I	-	PRNDL P Signal	23	0.5	GY/WH	4168	III	-
24	0.5	GY/BU	6358	I	-	Output Speed Signal	24	0.5	GY/BU	6358	III	-
25	0.5	YE/GN	4170	I	-	Transmission Position Sensor B 9V Reference	31	0.5	YE/GN	4170	III	-
26	0.5	GN/YE	6353	I	-	Input Speed Signal	26	0.5	GN/YE	6353	III	-
27	0.5	YE/BU	4171	I	-	Transmission Position Sensor A 9V Reference	29	0.5	YE/BU	4171	III	-
28	0.5	GY/BN	5982	I	-	PRNDL B Signal	28	0.5	GY/BN	5982	III	-
29	0.5	YE/BU	4171	I	-	Transmission Position Sensor A 9V Reference	29	0.5	YE/BU	4171	III	-
30	0.5	BK/GY	3927	I	-	IMS Mode Switch Low Reference	30	0.5	BK/GY	3927	III	-
31	0.5	YE/GN	4170	I	-	Transmission Position Sensor B 9V Reference	31	0.5	YE/GN	4170	III	-
32	0.5	GN/VT	4510	I	-	Transmission Intermediate Speed Signal	32	0.5	GN/VT	4510	III	-
33	-	-	-	-	-	Not Occupied	33	-	-	-	-	-
34	0.5	GY/YE	4169	I	-	PRNDL S Signal	34	0.5	GY/YE	4169	III	-
35	0.5	WH/GY	1786	I	-	Transmission Park/Neutral Signal 1	35	0.5	WH/GY	1786	III	-
36	-	-	-	-	-	Not Occupied	36	-	-	-	-	-

X175 ENGINE HARNESS TO TRANSMISSION HARNESS



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13603424
- Service Connector: 13503285
- Description: 20-Way F 100W Micro-Pack Series, Sealed (BK)



Connector Part Information

- Harness Type: Transmission
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-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	13579969	J-35616-6 (BN)	J-38125-33	12084913	Delphi 5	W	W
II	19301406	J-35616-6 (BN)	J-38125-33	12084912	Delphi 5	W	W
III	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	WH/L-GN	1222	II	-	1 Shift Solenoid Valve Control	A	0.75	WH/L-GN	1222	III	-
B	0.75	YE/BK	1223	II	-	2 Shift Solenoid Valve Control	B	0.75	YE/BK	1223	III	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
C	0.75	WH/BN	2527	II	-	Shift Solenoid Control 5	C	0.75	WH/BN	2527	III	-
D	0.75	VT/GY	1224	II	-	Transmission Fluid Pressure Switch Signal Bit 1	D	0.75	VT/GY	1224	III	-
E	0.75	WH/BN	1226	II	-	Transmission Fluid Pressure Switch Signal Bit 3	E	0.75	WH/BN	1226	III	-
F	0.75	L-GN/VT	1225	II	-	Transmission Fluid Pressure Switch Signal Bit 2	F	0.75	L-GN/VT	1225	III	-
G	0.75	BN/WH	585	II	-	Transmission Oil Temperature Sensor Signal	G	0.75	BN/WH	585	III	-
H	0.75	BK/BN	586	II	-	Transmission Oil Temperature Sensor Low Reference	H	0.75	BK/BN	586	III	-
J	0.75	GY	6402	II	-	Clutch C Control	J	0.75	GY	6402	III	-
K	0.75	L-GN/BK	2529	II	-	Transmission Fluid Pressure Switch Signal Bit 4	K	0.75	L-GN/BK	2529	III	-
L	0.75	GY/BN	6388	II	-	Transmission High Side Driver 2 Signal	L	0.75	GY/BN	6388	III	-
M	0.75	BN	6400	II	-	Clutch A Control	M	0.75	BN	6400	III	-
N	0.75	L-GN/GY	6387	II	-	Transmission High Side Driver 1 Signal Driver	N	0.75	L-GN/GY	6387	III	-
P	0.75	WH	4508	II	-	Transmission Clutch G Control	P	0.75	WH	4508	III	-
R	0.5	WH/GY	1786	I	-	Transmission Park/Neutral Signal 1	R	0.5	WH/GY	1786	III	-
S	0.75	D-BU	6401	II	-	Clutch B Control	S	0.75	D-BU	6401	III	-
T	0.5	WH/BK	5983	I	-	PRNDL C Signal	T	0.5	WH/BK	5983	III	-
U	0.5	GY/BN	5982	I	-	PRNDL B Signal	U	0.5	GY/BN	5982	III	-
V	0.5	VT/WH	5981	I	-	PRNDL A Signal	V	0.5	VT/WH	5981	III	-
W	0.5	GY/WH	4168	I	-	PRNDL P Signal	W	0.5	GY/WH	4168	III	-

X191 ENGINE HARNESS TO ENGINE HARNESS (LSP+PTO)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 15326863
- Service Connector: 19180282
- Description: 16-Way F 150 GT Series, Sealed (BK)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 15326868
- Service Connector: 15306364
- Description: 16-Way M 150 Series, Sealed (BK)

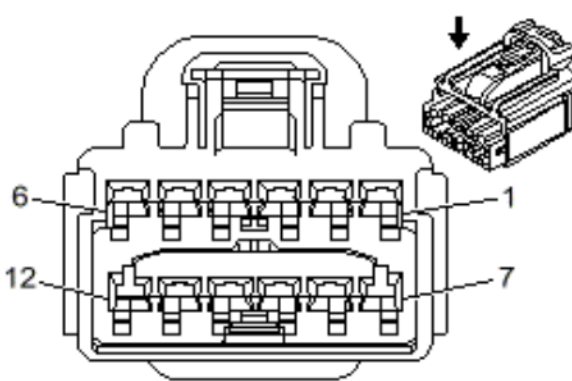
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575354	J-35616-14 (GN)	J-38125-553	12191819	Delphi 8	E	1
II	13575412	J-35616-14 (GN)	J-38125-553	12191819	Delphi 8	2	1
III	13575397	J-35616-3 (GY)	J-38125-553	15326269	Delphi 19	E	4

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.75	BN/WH	6085	II	-	Power Take Off Remote Engine Start Switch Signal	A	0.5	BN/WH	6085	III	-

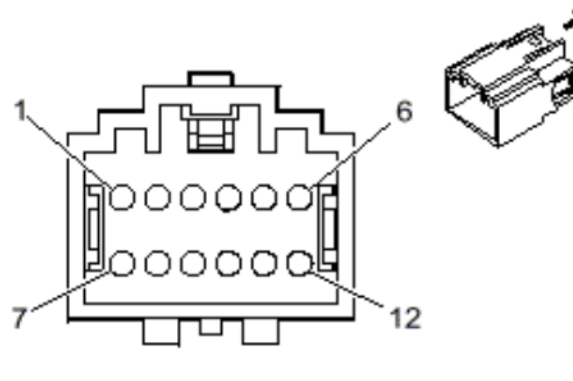
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
B	0.75	BN	6381	II	-	Power Take Off Relay Engage Signal	B	-	-	-	-	-
C	-	-	-	-	-	Not Occupied	C	-	-	-	-	-
D	0.75	BK	550	II	-	Ground	D	-	-	-	-	-
E - F	-	-	-	-	-	Not Occupied	E - F	-	-	-	-	-
G	0.75	YE	2522	II	-	Power Take Off Status Signal	G	-	-	-	-	-
H	0.5	VT/BU	2562	I	-	Power Take Off Relay Coil Control	H	-	-	-	-	-
J	0.5	WH/GN	6142	I	-	Power Take Off Engine Shutdown Signal	J	0.5	BN/WH	6085	III	-
K	0.75	RD/VT	2640	II	-	Battery Positive Voltage	K	-	-	-	-	-
L - M	-	-	-	-	-	Not Occupied	L - M	-	-	-	-	-
N	0.5	BU/GY	6089	I	-	Power Take Off Remote Switch Set Signal 1	N	-	-	-	-	-
P	-	-	-	-	-	Not Occupied	P	-	-	-	-	-
R	0.5	VT/WH	239	I	-	Run/Crank Ignition 1 Voltage	R	-	-	-	-	-
S	-	-	-	-	-	Not Occupied	S	-	-	-	-	-

X201 STEERING COLUMN HARNESS TO INSTRUMENT PANEL HARNESS (E29)



Connector Part Information

- Harness Type: Steering Column
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13507705
- Service Connector: 88988266
- Description: 12-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	13575818	J-35616-3 (GY)	J-38125-553	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	BN	6136	I	-	Control	1	0.35	BN	6136	II	-
2	0.35	RD/YE	3040	I	-	Battery Positive Voltage	2	0.35	RD/YE	3040	II	-
3	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	3	0.5	BU/YE	6105	II	-
4	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	4	0.5	BU/YE	6105	II	-
5	0.35	GN/BN	2087	I	-	Combined Vehicle Inertial Sensor Supply Voltage	5	0.35	GN/BN	2087	II	-
6	0.5	BK/WH	1851	I	-	Signal Ground	6	0.5	BK/WH	1851	II	-
7	0.35	RD/BU	540	I	-	Battery Positive Voltage	7	0.35	RD/BU	540	II	-
8	0.35	GN/WH	111	I	-	Hazard Switch Signal	8	0.35	GN/WH	111	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
9	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	9	0.5	WH	6106	II	-
10	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	10	0.5	WH	6106	II	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.5	BK	1050	I	-	Ground	12	0.5	BK	1050	II	-

X201 STEERING COLUMN HARNESS TO INSTRUMENT PANEL HARNESS (-E29)

Connector Part Information

- Harness Type: Steering Column
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 42-Way F

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33155180
- Service Connector: 13597187
- Description: 42-Way M 0.64, 2.8 Series (GY)

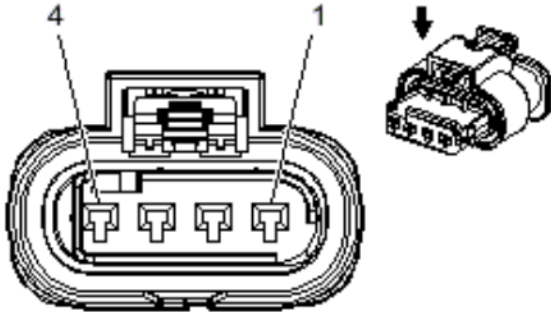
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575823	J-35616-5 (PU)	J-38125-11A	7114-4110-02	Yazaki 9	E	C
III	19301762	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
IV	19301763	J-35616-65B (LT 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	RD/BU	540	I	-	Battery Positive Voltage	4	0.35	RD/BU	540	III	-
5 - 8	-	-	-	-	-	Not Occupied	5 - 8	-	-	-	-	-
9	0.35	GN/BN	2087	I	-	Combined Vehicle Inertial Sensor Supply Voltage	9	0.35	GN/BN	2087	III	-
10	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	10	0.5	BU/YE	6105	IV	-
11	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	11	0.5	BU/YE	6105	IV	-
12 - 15	-	-	-	-	-	Not Occupied	12 - 15	-	-	-	-	-
16	0.35	GN/WH	111	I	-	Hazard Switch Signal	16	0.35	GN/WH	111	III	-
17	0.35	YE/WH	816	I	-	Brake Transmission Shift Interlock Solenoid Control	17	0.35	YE/WH	816	III	-
18 - 19	-	-	-	-	-	Not Occupied	18 - 19	-	-	-	-	-
20	0.5	BK	1050	I	-	Ground	20	0.5	BK	1050	II	-
21 - 24	-	-	-	-	-	Not Occupied	21 - 24	-	-	-	-	-
25	0.35	RD/YE	3040	I	-	Battery Positive Voltage	25	0.35	RD/YE	3040	III	-
26 - 29	-	-	-	-	-	Not Occupied	26 - 29	-	-	-	-	-
30	0.5	GN/WH	7527	I	-	Local Interconnect Network Serial Data Bus 5	30	0.5	GN/WH	7527	IV	-
31	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	31	0.5	WH	6106	IV	-
32	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	32	0.5	WH	6106	IV	-

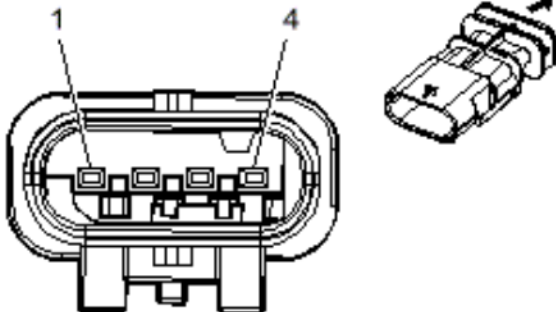
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
33	0.5	GN/BK	3894	I	-	Local Interconnect Network Serial Data Bus 12	33	0.5	GN/BK	3894	IV	-
34 - 37	-	-	-	-	-	Not Occupied	34 - 37	-	-	-	-	-
38	0.35	BN	6136	I	-	Control	38	0.35	BN	6136	III	-
39 - 40	-	-	-	-	-	Not Occupied	39 - 40	-	-	-	-	-
41	0.5	VT/WH	1139	I	-	Run/Crank Ignition 1 Voltage	41	0.5	VT/WH	1139	II	-
42	0.5	BK/WH	1851	I	-	Signal Ground	42	0.5	BK/WH	1851	II	-

X205 INSTRUMENT PANEL HARNESS TO INSTRUMENT PANEL EXTENSION HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13854531
- Service Connector: 13586137
- Description: 4-Way F 1.2 Series, Sealed (YE)



Connector Part Information

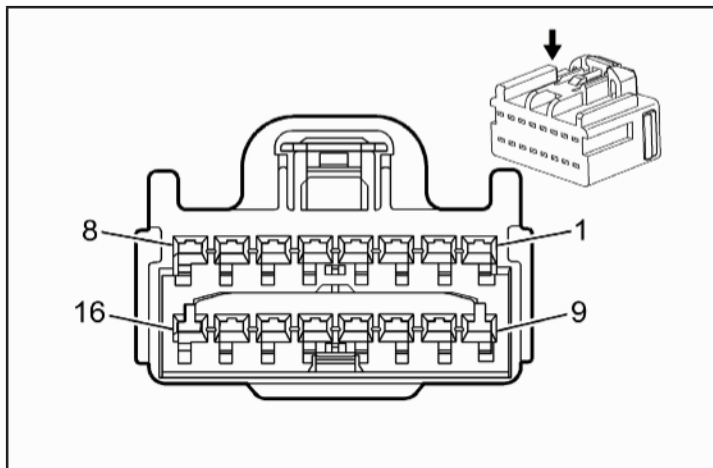
- Harness Type: Instrument Panel Extension
- OEM Connector: 13854529
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series, Sealed (YE)

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-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

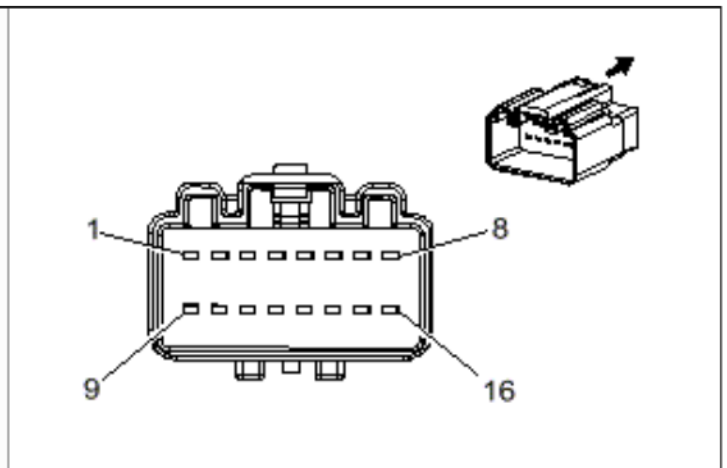
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	YE/OG	3025	I	-	Passenger IP Module Stage 1 High Control	1	0.35	YE/OG	3025	II	-
2	0.35	OG/WH	3024	I	-	Passenger IP Module Stage 1 Low Control	2	0.35	OG/WH	3024	II	-
3	0.35	GY/OG	3027	I	-	Passenger IP Module Stage 2 High Control	3	-	-	-	-	-
4	0.35	OG/VT	3026	I	-	Passenger IP Module Stage 2 Low Control	4	-	-	-	-	-

X206 HEADLINER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10847013
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)



Connector Part Information

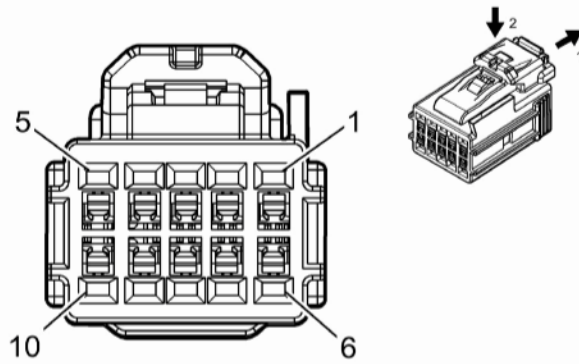
- Harness Type: Body
- OEM Connector: 13507433
- Service Connector: 89047072
- Description: 16-Way M 1.5 Kaizen Series (GN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13575818	J-35616-3 (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	19119440	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 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
3	0.35	GN/RD	2308	I	-	Passenger Air Bag Off Indicator Control	3	0.35	GN	2308	II	-
4	0.35	BU	2307	I	-	Passenger Air Bag On Indicator Control	4	0.35	BU	2307	II	-
5	0.35	VT/WH	5234	I	-	Passenger Seat Belt Indicator Control	5	0.35	VT/WH	5234	III	-
6	0.5	VT/GY	1054	I	-	Stop Lamp Control	6	0.5	VT/GY	1054	II	-
7 - 9	-	-	-	-	-	Not Occupied	7 - 9	-	-	-	-	-
10	0.35	GN/BK	3008	I	-	Noise Reduction Microphone 1 Low Reference	10	0.35	GN/BK	3008	II	-
11	0.5 0.35	GY GN/WH	157 3005	I I	E29 UQA/UQS /UQG/UQH	Interior Lamp Control Noise Reduction Microphone 1 Signal	11	0.5 0.35	GY GN/BN	157 3005	II II	E29 UQA/UQS /UQG/UQH
12	0.5 0.35	WH/BN BU/BK	6815 3009	I I	E29 UQA/UQS /UQG/UQH	Inadvertent Power Control Noise Reduction Microphone 2 Low Reference	12	0.5 0.35	WH/BN BU/BK	6815 3009	II II	E29 UQA/UQS /UQG/UQH
13	0.35	BU/YE	3006	I	-	Noise Reduction Microphone 2 Signal	13	0.35	BU/YE	3006	II	-
14	0.35 0.35	GY/BU GY/BN	156 3010	I I	E29 UQA/UQS /UQG/UQH	Courtesy Lamp Switch Signal Noise Reduction Microphone 3 Low Reference	14	0.35 0.35	GY GY/BN	156 3010	II II	E29 UQA/UQS /UQG/UQH
15	0.35	GY/BU	3007	I	-	Noise Reduction Microphone 3 Signal	15	0.35	GY/BU	3007	II	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-

X208 RH A PILLAR HARNESS TO HVAC HARNESS



Connector Part Information

- Harness Type: RH A Pillar
- OEM Connector: 33174127
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.2 Series (BK)

Connector Part Information

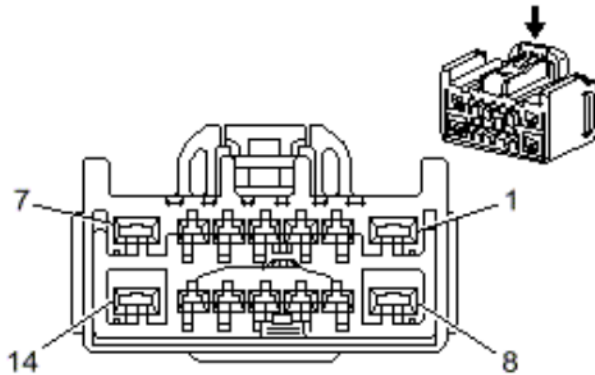
- Harness Type: HVAC
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M

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

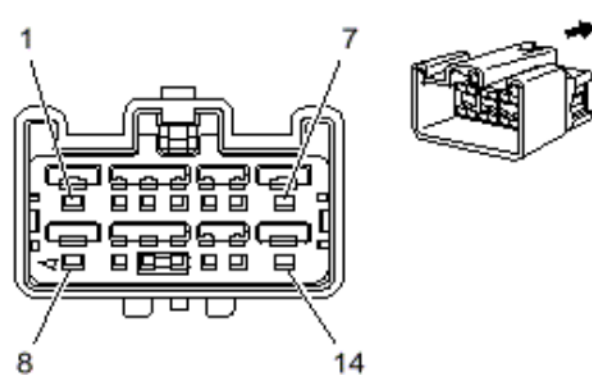
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.35	BK/D-BU	7566	I	-	Humidity/Windscreen Temp Sensor Low Reference	2	0.35	BK/D-BU	7566	II	-
3	0.35	GY/D-GN	7565	I	-	Windscreen Temp Sensor Signal	3	0.35	GY/D-GN	7565	II	-
4	0.35	GY/D-BU	7564	I	-	Humidity Sensor Signal	4	0.35	GY/D-BU	7564	II	-
5 - 6	-	-	-	-	-	Not Occupied	5 - 6	-	-	-	-	-
7	0.35	YE/D-BU	3197	I	-	Humidity Temperature Sensor Signal	7	0.35	YE/D-BU	3197	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.35	YE/RD	597	I	-	5V Reference	9	0.35	YE/RD	597	II	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-

X215 POA HVAC HARNESS TO INSTRUMENT PANEL HARNESS



Connector Part Information

- Harness Type: POA HVAC
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 14-Way F



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846900
- Service Connector: 88956523
- Description: 14-Way M Hybrid Series (L-GY)

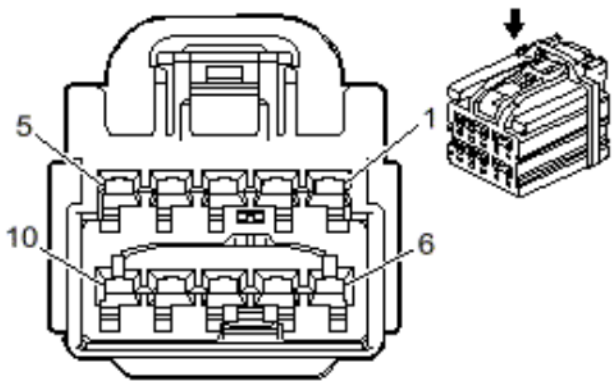
Terminal Part Information

Terminal Type	Terminated Lead	Diagnostic Test	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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ID		Probe					
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575818	J-35616-3 (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available

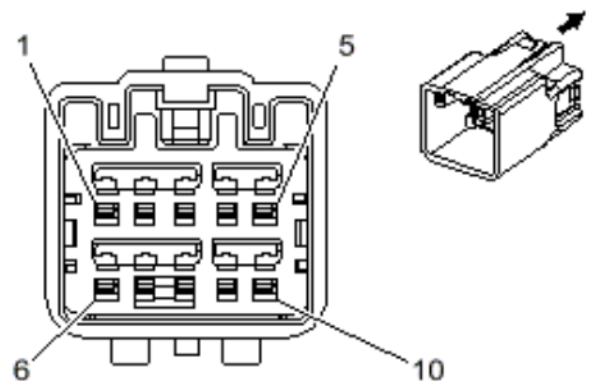
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.35	L-GN	5060	I	-	Low Speed GMLAN Serial Data	2	0.35	L-GN	5060	II	-
3	0.35	L-GN/YE	7531	I	-	Local Interconnect Network Serial Data Bus 9	3	0.35	L-GN/YE	7531	II	-
4	0.5	RD/VT	3340	I	-	Battery Positive Voltage	4	0.5	RD/VT	3340	II	-
5	0.5	VT/GY	539	I	-	Run/Crank Ignition 1 Voltage	5	0.5	VT/GY	539	II	-
9	0.5 0.35	BK/WH BK/WH	1851 1851	I I	E29 -E29	Signal Ground Signal Ground	9	0.5 0.35	BK/WH BK/WH	1851 1851	II II	E29 -E29
10	0.35	BK/YE	1791	I	-	Air Temperature Door Control Low Reference	10	0.35	BK/YE	1791	II	-
11	0.35	D-BU/WH	734	I	-	Inside Air Temperature Sensor Signal	11	0.35	D-BU/WH	734	II	-
12	0.35	GY	590	I	-	Solar Sensor Driver Signal	12	0.35	GY	590	II	-
13	0.35	YE/VT	1783	I	-	Twilight Sentinel Delay Signal	13	0.35	YE/VT	1783	II	-

X216 BODY HARNESS TO HVAC HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847018
- Service Connector: 22708788
- Description: 10-Way F YESC Kaizen Series (L-GY)



Connector Part Information

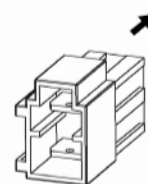
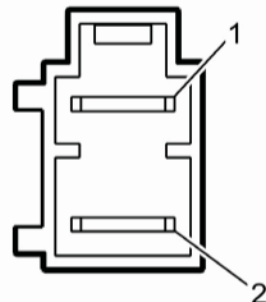
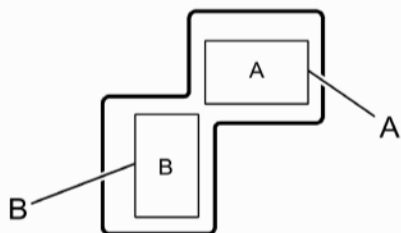
- Harness Type: HVAC
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19301767	J-35616-2A (GY)	J-38125-560	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 - 3	-	-	-	-	-	Not Occupied	1 - 3	-	-	-	-	-
4	0.35	BN/VT	193	I	-	Rear Defog Relay Control	4	0.35	BN/VT	193	II	-
5	0.5	BU/BN	7573	I	-	Electric Variable Displacement Supply	5	0.5	BU/BN	7573	II	-
6	0.5	BU/YE	7574	I	-	Electric Variable Displacement Control	6	0.5	BU/YE	7574	II	-
7 - 10	-	-	-	-	-	Not Occupied	7 - 10	-	-	-	-	-

X217 BODY HARNESS TO HVAC HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 10721337
- Service Connector: 88953301
- Description: 2-Way F 56 Series (BK)

Connector Part Information

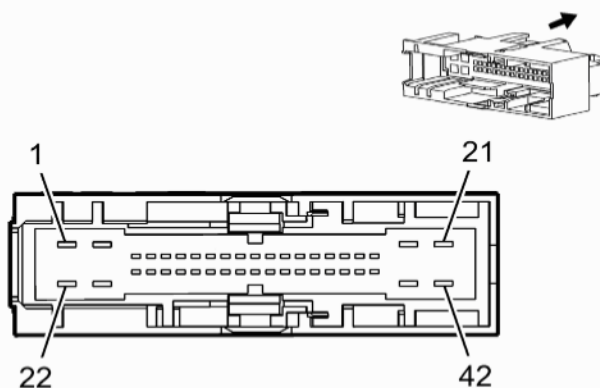
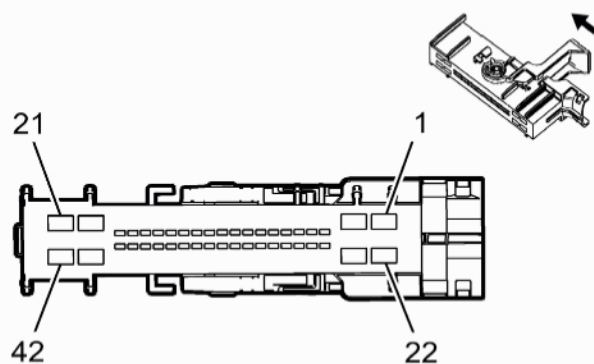
- Harness Type: HVAC
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-22 (RD)	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	4	RD/VT	542	I	-	Battery Positive Voltage	A	4	RD/VT	542	II	-
B	10	RD/GY	642	I	-	Battery Positive Voltage	B	10	RD/GY	642	II	-

X225 BODY HARNESS TO INSTRUMENT PANEL HARNESS (EXTENDED CAB/CREW CAB)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33160247
- Service Connector: 19301820
- Description: 42-Way F 1.2, 2.8 Series (GY)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33155179
- Service Connector: 13586233
- Description: 42-Way M 0.64, 2.8 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A
II	19300649	J-35616-16 (LT GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	19301761	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	19301762	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
V	19301763	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
VI	19329828	J-35616-5 (PU)	J-38125-212	1326029-1	Lear 17	E	C
VII	19329828	J-35616-5 (PU)	J-38125-212	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	0.75	YE/GY	1956	I	-	Left Front Tweeter Speaker (-) Low Reference	1	0.75	YE/GY	1956	VII	UQA/UQS/UQH-UQG
2	1.5	BK	1850	III	-	Ground	2	0.75	BK	1850	VII	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.5	WH/BN	6815	II	-	Inadvertent Power Control	4	0.5	WH/BN	6815	V	D07
5	0.35	GY/WH	3272	II	-	Remote Function Actuator Control	5	0.35	GY/WH	3272	IV	-
6	0.35	BU/WH	3275	II	-	Remote Function Actuator Receive Signal	6	0.35	BU/WH	3275	IV	-
7	0.35	GN/BN	507	II	-	Wait To Start Indicator Control	7	0.35	GN/BN	507	IV	L5P+UDC/UDD/UHS
8	0.5 0.5	GN GY/VT	3998 3998	II II	UQA/UQG /UQH/UQS -UQA-UQG- UQH-UQS	MOST Serial Data (+) MOST Serial Data (+)	8	0.5	GY/VT	3998	V	-
9	0.35	BU/YE	6844	II	-	ABS/TCS Hill Descent Control Switch Signal	9	0.35	BU/YE	6844	IV	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.5	WH/GN	3997	II	-	MOST Serial Data (-)	11	0.5	WH/GN	3997	V	-
12	0.5	BN/BU	118	II	-	Left Front Speaker Signal (-) 1	12	0.5	BN/BU	118	V	-
13	-	-	-	-	-	Not Occupied	13	-	-	-	-	-
14	0.5	GN	199	II	-	Left Rear Speaker Control (+)	14	0.5	GN	199	V	-
15 - 16	-	-	-	-	-	Not Occupied	15 - 16	-	-	-	-	-
17	0.35	BU/GY	636	II	-	Outside Ambient Air Temperature Sensor Signal	17	0.35	BU/GY	636	IV	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	BK/BU	61	II	-	Outside Ambient Temperature Sensor Low Reference	19	0.35	BK/BU	61	IV	-
20	0.5 0.75	BN/BU BN/BU	118 118	II III	UQ3 UQ3/UQ5	Left Front Speaker Signal (-) 1 Left Front Speaker Signal (-) 1	20	0.75	BN/BU	118	VII	-
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.75	YE/BU	1856	I	-	Left Front Tweeter Speaker Control (+)	22	0.75	YE/BU	1856	VII	UQA/UQS/UQH-UQG
23	0.35	GN	4512	III	-	Wireless Charging System Charge Indicator Control	23	0.35	GN	4512	VI	K4C
24	0.35	GN/WH	3438	II	-	Exhaust Brake Switch Signal	24	0.35	GN/WH	3438	IV	-
25	0.35	BN/WH	419	II	-	Check Engine Indicator Control	25	0.35	BN/WH	419	IV	-
26	0.35	YE/GN	3274	II	-	Remote Function Actuator Transmit Signal	26	0.35	YE/GN	3274	IV	-
27	0.35	GY	3273	II	-	Remote Function Actuator Low Reference	27	0.35	GY	3273	IV	-
28	0.5	BK	1850	II	-	Ground	28	0.5	BK	1850	V	-
29	0.5 0.5	YE WH/GN	3997 3997	II II	UQA/UQG /UQH/UQS -UQA-UQG- UQH-UQS	MOST Serial Data (-) MOST Serial Data (-)	29	0.5	WH/GN	3997	V	-
30	0.35	GN/WH	488	II	-	Power Take Off Control Switch	30	0.35	GN/WH	488	IV	-
31	0.35	BN/GN	4311	II	-	Power Take Off Enable In Cab Switch Normally Closed Signal	31	0.35	BN/GN	4311	IV	-
32	0.5	GY/VT	3998	II	-	MOST Serial Data (+)	32	0.5	GY/VT	3998	V	-
33	0.5	BU	201	II	-	Left Front Speaker Control (+) 1	33	0.5	BU	201	V	-
34	0.5	BU/YE	68	II	-	Low Coolant Level Indicator Control	34	0.5	BU/YE	68	V	-
35	0.5	GN/BK	116	II	-	Left Rear Speaker Signal (-)	35	0.5	GN/BK	116	V	-
36	0.5	GN/YE	2081	II	-	Exhaust Brake Switch Control	36	0.5	GN/YE	2081	V	K40

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
37	0.35	VT/YE	43	II	-	Accessory Ignition Voltage	37	0.35	VT/YE	43	IV	K4C
38	0.35	GN/BN	2087	II	-	Combined Vehicle Inertial Sensor Supply Voltage	38	0.35	GN/BN	2087	IV	-
39	-	-	-	-	-	Not Occupied	39	-	-	-	-	-
40	0.5	GN/GY	6135	II	-	Local Interconnect Network Serial Data Bus 4	40	0.5	GN/GY	6135	V	A31+43/53
41	0.5 0.75	BU BU	201 201	II III	UQ3 UQ3/UQ5	Left Front Speaker Control (+) 1 Left Front Speaker Control (+) 1	41	0.75	BU	201	VII	-
42	0.35	BU/YE	6844	III	-	ABS/TCS Hill Descent Control Switch Signal	42	0.35	BU/YE	6844	VI	REGULAR CAB/CREW CAB/(EXTENDED CAB+JHD)

X225 BODY HARNESS TO INSTRUMENT PANEL HARNESS (REGULAR CAB)

Connector Part Information

- Harness Type: Body
- OEM Connector: 33160247
- Service Connector: 19301820
- Description: 42-Way F 1.2, 2.8 Series (GY)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 42-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	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A
II	19300649	J-35616-16 (LT GN)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	19300649	J-35616-16 (LT GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available
IV	19301761	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
V	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	V	-
2	1.5	BK	1850	IV	-	Ground	2	1.5	BK	1850	V	-
3	0.5	WH	6106	III	-	High Speed GMLAN Serial Data (-) 2	3	0.5	WH	6106	V	-
4	0.5	BU/YE	6105	III	-	High Speed GMLAN Serial Data (+) 2	4	0.5	BU/YE	6105	V	-
5	0.35	GY/WH	3272	III	-	Remote Function Actuator Control	5	0.35	GY/WH	3272	V	-
6	0.35	BU/WH	3275	III	-	Remote Function Actuator Receive Signal	6	0.35	BU/WH	3275	V	-
7	0.35 0.35	GN/BN BK/GN	507 552	III III	E29 L5P	Wait To Start Indicator Control Sensor Low Reference	7	0.35 0.35	GN/BN BK/GN	507 552	V V	E29 L5P
8	0.5	GY/VT	3998	III	-	MOST Serial Data (+)	8	0.5	GY/VT	3998	V	-
9	0.5	RD/WH	961	III	-	-	9	0.5	RD/WH	961	V	-
10	0.35	VT	185	III	-	Low Washer Fluid Indicator Control	10	0.35	VT	185	V	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
11	0.5	WH/GN	3997	III	-	MOST Serial Data (-)	11	0.5	WH/GN	3997	V	-
12	0.5	BN/BU	118	III	-	Left Front Speaker Signal (-) 1	12	0.5	BN/BU	118	V	-
13	1	BU/VT	1134	II	-	Park Brake Switch Signal	13	1	BU/VT	1134	V	-
14	0.5	GN	199	III	-	Left Rear Speaker Control (+)	14	0.5	GN	199	V	-
15	0.5	BU	2500	III	-	High Speed GMLAN Serial Data (+) 1	15	0.5	BU	2500	V	-
16	0.5	WH	2501	III	-	High Speed GMLAN Serial Data (-) 1	16	0.5	WH	2501	V	-
17	0.35	BU/GY	636	III	-	Outside Ambient Air Temperature Sensor Signal	17	0.35	BU/GY	636	V	-
18	0.35	WH/GN	526	III	-	Stop Lamp Switch Signal	18	0.35	WH/GN	526	V	-
19	0.35	BK/BU	61	III	-	Outside Ambient Temperature Sensor Low Reference	19	0.35	BK/BU	61	V	-
20	0.5	BN/BU	118	III	UQ3 UQ3/UQ5	Left Front Speaker Signal (-) 1	20	0.5 0.75	BN/BU BN/BU	118 118	V	UQ3 UQ3/UQ5
	0.75	BN/BU	118	IV		Left Front Speaker Signal (-) 1					V	
21	0.35	BN/WH	781	IV	-	Driver Door Lock Switch Unlock Signal	21	0.35	BN/WH	781	V	-
22	0.35	BN/YE	780	IV	-	Driver Door Lock Switch Lock Signal	22	0.35	BN/YE	780	V	-
23	0.5	WH/BU	3691	III	-	Trailer Brake Apply Signal	23	0.5	WH/BU	3691	V	-
24	0.35	GN/WH	3438	III	-	Exhaust Brake Switch Signal	24	0.35	GN/WH	3438	V	-
25	0.35	BN/WH	419	III	-	Check Engine Indicator Control	25	0.35	BN/WH	419	V	-
26	0.35	YE/GN	3274	III	-	Remote Function Actuator Transmit Signal	26	0.35	YE/GN	3274	V	-
27	0.35	GY	3273	III	-	Remote Function Actuator Low Reference	27	0.35	GY	3273	V	-
28	0.5	BK	1850	III	-	Ground	28	0.5	BK	1850	V	-
29	0.5	WH/GN	3997	III	-	MOST Serial Data (-)	29	0.5	WH/GN	3997	V	-
30	0.5	GN/GY	963	III	E29 PTO	-	30	0.5 0.35	GN/GY GN/WH	963 488	V	E29 PTO
	0.35	GN/WH	488	III		Power Take Off Control Switch					V	
31	0.5	WH/BU	964	III	E29 PTO	-	31	0.5 0.35	WH/BU BN/GN	964 4311	V	E29 PTO
	0.35	BN/GN	4311	III		Power Take Off Enable In Cab Switch Normally Closed Signal					V	
32	0.5	GY/VT	3998	III	-	MOST Serial Data (+)	32	0.5	GY/VT	3998	V	-
33	0.5	BU	201	III	-	Left Front Speaker Control (+) 1	33	0.5	BU	201	V	-
34	0.5	BU/YE	68	III	-	Low Coolant Level Indicator Control	34	0.5	BU/YE	68	V	-
35	0.5	GN/BK	116	III	-	Left Rear Speaker Signal (-)	35	0.5	GN/BK	116	V	-
36	0.5	BU/YE	6105	III	E29 K40	High Speed GMLAN Serial Data (+) 2	36	0.5 0.5	BU/YE GN/YE	6105 2081	V	E29 K40
	0.5	GN/YE	2081	III		Exhaust Brake Switch Control					V	
37	0.5	WH	6106	III	-	High Speed GMLAN Serial Data (-) 2	37	0.5	WH	6106	V	-
38	0.35	GN/BN	2087	III	-	Combined Vehicle Inertial Sensor Supply Voltage	38	0.35	GN/BN	2087	V	-
39	0.5	YE/WH	962	III	-	-	39	0.5	YE/WH	962	V	-
40	0.35	GY/RD	598	III	-	5V Reference	40	0.35	GY/RD	598	V	-
41	0.5	BU	201	III	UQ3 UQ3/UQ5	Left Front Speaker Control (+) 1	41	0.5 0.75	BU BU	201 201	V	UQ3 UQ3/UQ5
	0.75	BU	201	IV		Left Front Speaker Control (+) 1					V	
42	2.5 0.35	BK BU/YE	1050 6844	IV IV	E29 JHD	Ground ABS/TCS Hill Descent Control Switch Signal	42	2.5 0.35	BK BU/YE	1050 6844	V V	E29 JHD

X241 INSTRUMENT PANEL HARNESS TO INSTRUMENT PANEL EXTENSION HARNESS

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846814
- Service Connector: 13580444
- Description: 12-Way F 2.8 Kaizen Series (L-GY)

Connector Part Information

- Harness Type: Instrument Panel Extension
- OEM Connector: 10846810
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M (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	13575838	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13575839	J-35616-35 (VT)	J-38125-11A	7116-4112-02	Yazaki 9	C	D
III	13575839	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

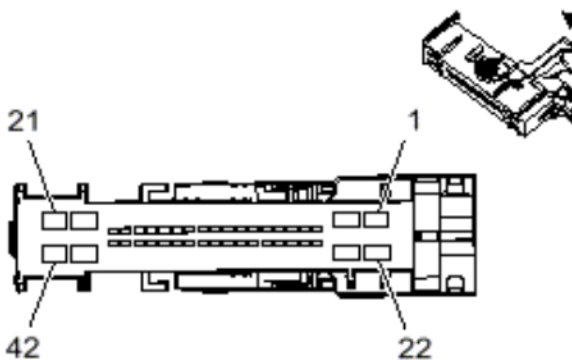
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	1.5	BK	5683	III	-	120 V AC Phase A	2	1.5	BK	5683	IV	-
3 - 5	-	-	-	-	-	Not Occupied	3 - 5	-	-	-	-	-
6	2.5	RD/GY	4140	II	-	Battery Positive Voltage	6	2.5	RD/GY	4140	IV	-
7	1.5	RD	5684	III	-	120 V AC Phase B	7	1.5	RD	5684	IV	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	BARE	514	I	-	Low Reference	10	0.35	BARE	514	IV	-
11	2.5	BK	1050	II	-	Ground	11	2.5	BK	1050	IV	-
12	0.35	BU/BN	6807	I	-	DC To AC Inverter Control	12	0.35	BU/BN	6807	IV	-

2017 ELECTRICAL

Wiring Systems and Power Management - Inline Harness Connector End Views - Sierra, Silverado

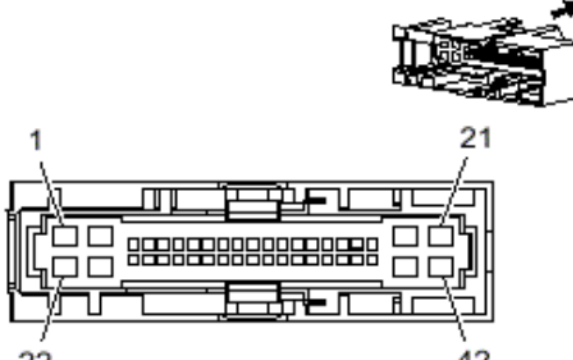
INLINE HARNESS CONNECTOR END VIEWS

X275 INSTRUMENT PANEL HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33160245
- Service Connector: 19332682
- Description: 42-Way F 1.2, 2.8 Series



Connector Part Information

- Harness Type: Body
- OEM Connector: 33155177
- Service Connector: 13597184
- Description: 42-Way M 0.64, 2.8 Series

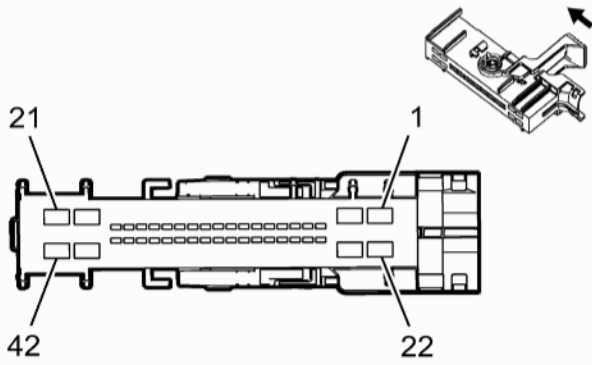
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580025	J-35616-4A (PU)	J-38125-11A	7116-4111-02	Yazaki 9	E	A
II	13582232	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19300649	J-35616-16 (LT GN)	J-38125-553	Not Available	Not Available	Not Available	Not Available
IV	19301761	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
V	13575823	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VI	13575824	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VII	19301762	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
VIII	19301763	J-35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
IX	19329828	J-35616-5 (PU)	J-38125-212	Not Available	Not Available	Not Available	Not Available
X	19329836	J-35616-65B (LT 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	0.75	VT/BN	1952	I	-	Right Front Tweeter Speaker (-) Low Reference	1	0.75	VT/BN	1952	IX	-
2	1.5	VT/YE	143	IV	-	Accessory Ignition Voltage	2	1.5	VT/YE	143	VI	-
3	0.35	BU	2060	III	-	Auxiliary Detection Signal	3	0.5	BU	2060	VIII	-
4	0.5	BARE	5842	III	-	Auxiliary Audio Screen 2	4	0.5	BARE	5842	VIII	-
5	0.35	VT	5843	III	-	Auxiliary Audio Common Signal	5	0.5	VT	5843	VIII	-
6	0.35	GY	5839	III	-	Left Auxiliary Audio Signal 2	6	0.5	GY	5839	VIII	-
7	0.35	GN	5841	III	-	Right Auxiliary Audio Signal 2	7	0.5	GN	5841	VIII	-
8	0.35	GY/YE	6972	III	-	Camera Signal 2 +	8	0.35	GY/YE	6972	VII	-
9	0.35	WH/BU	6973	III	-	Camera Signal 2	9	0.35	WH/BU	6973	VII	-
10	0.35	GN/WH	24	III	-	Backup Lamp Control	10	0.35	GN/WH	24	VII	-
11	0.35	WH/VT	3999	III	-	MOST Control	11	0.35	WH/VT	3999	VII	-
12	0.5	YE/BK	117	III	-	Right Front Speaker Signal (-) 1	12	0.5	YE/BK	117	VIII	-
13	0.5	BN/WH	1429	III	-	Standing Lamp Relay Control	13	0.5	BN/WH	1429	VIII	-
14	0.5	WH	46	III	-	Right Rear Speaker Control (+)	14	0.5	WH	46	VIII	-
15	0.35	YE/OG	3025	II	-	Passenger IP Module Stage 1 High Control	15	0.35	YE/OG	3025	X	-

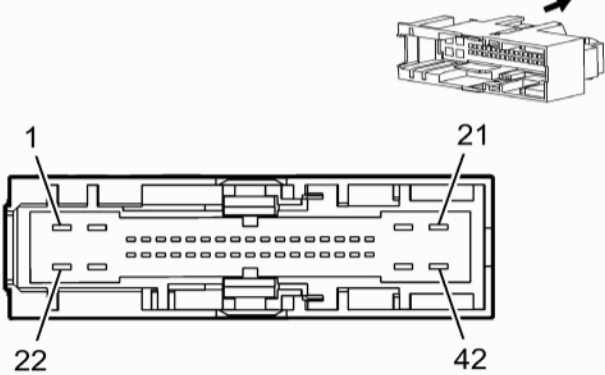
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
16	0.35	OG/WH	3024	II	-	Passenger IP Module Stage 1 Low Control	16	0.35	OG/WH	3024	X	-
17	0.35	GY/OG	3027	II	-	Passenger IP Module Stage 2 High Control	17	0.35	GY/OG	3027	X	-
18	0.35	OG/VT	3026	II	-	Passenger IP Module Stage 2 Low Control	18	0.35	OG/VT	3026	X	-
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20	0.75	YE/BK	117	IV	-	Right Front Speaker Signal (-) 1	20	0.5 0.75	YE/BK YE/BK	117 117	IX V	UQ3 UQ3/UQ5
21	1.5	VT/YE	243	IV	-	Accessory Ignition Voltage	21	1.5	VT/YE	243	VI	-
22	0.75	BN/GN	1852	IV	-	Right Front Tweeter Speaker Control (+)	22	0.75	BN/GN	1852	IX	-
23	0.5 0.35	WH/BU WH/BU	5986 5986	IV IV	(IO4/IO5 /IO6+UE1) /(IO4/IO5 /IO6+UHX) /(UE1+UHX) IO3	Serial Data Communication Enable Serial Data Communication Enable	23	0.5	WH/BU	5986	IX	-
24	0.35	GY/VT	755	III	-	RAP Relay Coil Control	24	0.35	GY/VT	755	VII	-
25	0.5	GN	5060	III	-	Low Speed GMLAN Serial Data	25	0.5	GN	5060	VIII	-
26 - 28	-	-	-	-	-	Not Occupied	26 - 28	-	-	-	-	-
29	0.35	BARE	6974	III	-	Camera Low Reference	29	0.35	BARE	6974	VII	-
30	0.35	YE	6812	III	-	Out of Park Signal	30	0.35	YE	6812	VII	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.5	GY/GN	1102	III	-	Low Speed GMLAN Serial Data #2	32	0.5	GY/GN	1102	VIII	-
33	0.5	YE	200	III	-	Right Front Speaker Control (+) 1	33	0.5	YE	200	VIII	-
34	-	-	-	-	-	Not Occupied	34	-	-	-	-	-
35	0.5	BU/BK	115	III	-	Right Rear Speaker Signal (-)	35	0.5	BU/BK	115	VIII	-
36	0.35	BU/OG	7328	III	-	Passenger IP Module Disable Switch Low Reference	36	0.35	BU/OG	7328	VII	-
37	0.35	VT/OG	371	III	-	Passenger IP Module Disable Switch Signal	37	0.35	VT/OG	371	VII	-
38 - 40	-	-	-	-	-	Not Occupied	38 - 40	-	-	-	-	-
41	0.75	YE	200	IV	-	Right Front Speaker Control (+) 1	41	0.5 0.75	YE YE	200 200	V X	UQ3 UQ3/UQ5
42	-	-	-	-	-	Not Occupied	42	-	-	-	-	-

X300 INSTRUMENT PANEL HARNESS TO FLOOR CONSOLE HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33160247
- Service Connector: 19301820
- Description: 42-Way F 1.2, 2.8 Series (GY)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 33155180
- Service Connector: Service by Harness - See Part Catalog
- Description: 42-Way M 0.64, 2.8 Series (GY)

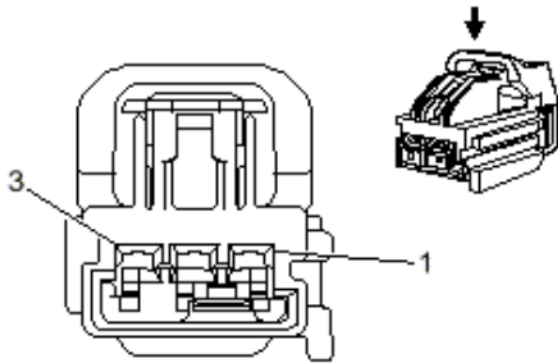
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	19300649	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	19301761	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	19301761	J-35616-35 (VT)	J-38125-557	Not Available	Not Available	Not Available	Not Available
V	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required
VI	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

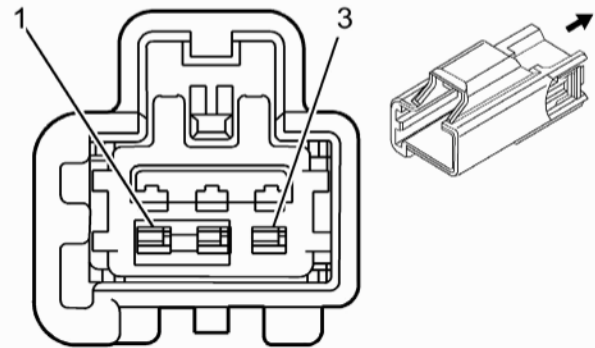
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	VT/YE	243	IV	-	Accessory Ignition Voltage	1	1.5	VT/YE	243	VI	-
2	-	-	-	-	-	Accessory Ignition Voltage	2	1.5	VT/YE	143	VI	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.35	D-BU	2060	II	-	Auxiliary Detection Signal	4	0.35	D-BU	2060	V	-
5	0.35	BK	2550	II	-	Ground Ground	5	0.35	BK	2550	V	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	VT/YE	43	II	-	Accessory Ignition Voltage	7	0.35	VT/YE	43	V	-
8 - 12	-	-	-	-	-	Not Occupied	8 - 12	-	-	-	-	-
13	0.5	BARE	5842	II	-	Auxiliary Audio Screen 2	13	0.5	BARE	5842	V	-
14	0.35	VT	5843	II	-	Auxiliary Audio Common Signal	14	0.35	VT	5843	V	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	0.35	L-GN/WH	3355	II	-	Left Rear Seat Audio Headphone Signal	16	0.35	L-GN/WH	3355	V	-
17	0.5	BARE	3354	II	-	Rear Seat Audio Headphone Low Reference	17	0.5	BARE	3354	V	-
18 - 22	-	-	-	-	-	Not Occupied	18 - 22	-	-	-	-	-
23	2.5	BK	1050	IV	-	Ground	23	2.5	BK	1050	VI	-
24	0.75	RD/VT	340	I	-	Battery Positive Voltage	24	0.75	RD/VT	340	V	-
25 - 27	-	-	-	-	-	Not Occupied	25 - 27	-	-	-	-	-
28	0.5	WH/BN	6815	II	-	Inadvertent Power Control	28	0.5	WH/BN	6815	V	-
29	0.35	L-GN	4512	II	-	Wireless Charging System Charge Indicator Control	29	0.35	L-GN	4512	V	-
30 - 33	-	-	-	-	-	Not Occupied	30 - 33	-	-	-	-	-
34	0.35	L-GN	5841	II	-	Right Auxiliary Audio Signal 2	34	0.35	L-GN	5841	V	-
35	0.35	GY	5839	II	-	Left Auxiliary Audio Signal 2	35	0.35	GY	5839	V	-
36	-	-	-	-	-	Not Occupied	36	-	-	-	-	-
37	0.35	BN/GY	3357	II	-	Right Rear Seat Audio Headphone Signal	37	0.35	BN/GY	3357	V	-
38	0.35	D-BU/VT	3356	II	-	Rear Seat Audio Headphone Common Signal	38	0.35	D-BU/VT	3356	V	-
39 - 41	-	-	-	-	-	Not Occupied	39 - 41	-	-	-	-	-
42	0.75	RD/VT	340	III	-	Battery Positive Voltage	42	0.75	RD/VT	340	VI	-

X302 POWER MAT JUMPER HARNESS TO FLOOR CONSOLE HARNESS



Connector Part Information

- Harness Type: Power Mat Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F



Connector Part Information

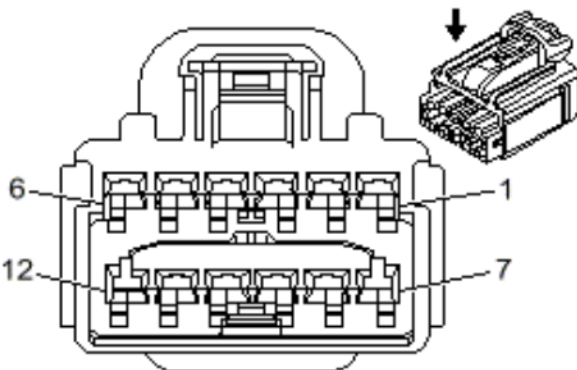
- Harness Type: Floor Console
- OEM Connector: 10846803
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M 1.5 YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	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-35616-41 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

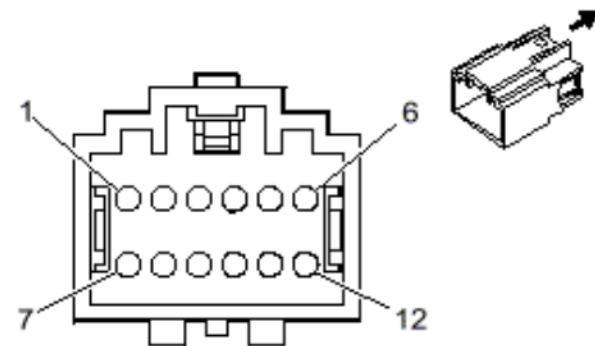
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	VT/YE	43	I	-	Accessory Ignition Voltage	1	0.35	VT/YE	43	III	-
2	0.75	BK	1050	I	-	Ground	2	0.75	BK	1050	II	-
3	0.35	L-GN	4512	I	-	Wireless Charging System Charge Indicator Control	3	0.35	L-GN	4512	III	-

X305 INSTRUMENT PANEL HARNESS TO HEADLINER HARNESS (LUX+CONSOLE)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13507762
- Service Connector: 89046712
- Description: 12-Way F YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13507705
- Service Connector: 88988266
- Description: 12-Way M 1.5 Series (L-GY)

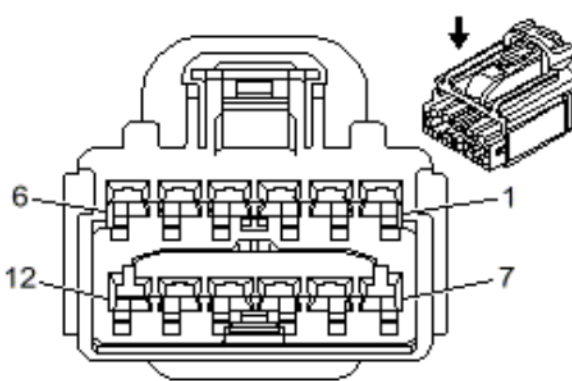
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19301756	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575818	J-35616-3 (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type	Option	Function	Pin	Size	Color	Circuit	Terminal Type	Option
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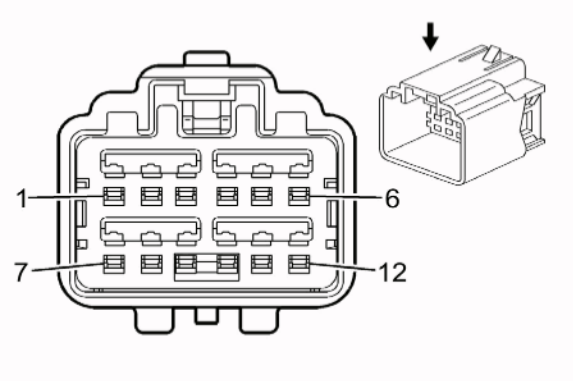
				ID							ID	
1	0.35	BK	2550	I	-	Ground	1	0.75 0.5	BK BK/WH	1050 2550	II	E29 U42
2	-	-	-	-	-	Exterior Courtesy Lamp Control	2	0.75	WH/VT	1430	II	-
3	0.35	BK/BN	654	I	-	Cellular Telephone Microphone Low Reference	3	0.35 0.35	BK/BN GY/L-GN	654 328	II II	-UE1 E29
4	0.35	D-BU	655	I	-	Cellular Telephone Microphone Signal	4	0.35	D-BU	655	II	-
5	0.5	RD/L-GN	1540	I	-	Battery Positive Voltage	5	0.5	RD/L-GN	1540	II	-
6	0.35	D-BU/GY	3935	I	-	High Speed GMLAN Serial Data (+) 8	6	0.35	D-BU/GY	3935	II	-
7	0.35	WH/GY	3936	I	-	High Speed GMLAN Serial Data (-) 8	7	0.35	WH/GY	3936	II	-
8	0.5	WH/D-BU	5986	I	-	Serial Data Communication Enable	8	0.35	WH/D-BU	5986	II	-
9	-	-	-	-	-	LED Ambient Lighting Control 2	9	0.35	VT/L-GN	7558	II	-
10	0.35	L-GN/YE	7066	I	-	LED Backlight Dimming Control Entertainment Remote Enable Signal	10	0.5 0.35	YE L-GN/YE	6817 7066	II II	E29 U42
11	0.5	D-BU/GY	3935	I	-	High Speed GMLAN Serial Data (+) 8	11	0.35	D-BU/GY	3935	II	-
12	0.5	WH/GY	3936	I	-	High Speed GMLAN Serial Data (-) 8	12	0.35	WH/GY	3936	II	-

X305 INSTRUMENT PANEL HARNESS TO HEADLINER HARNESS (LUX-CONSOLE)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13507762
- Service Connector: 89046712
- Description: 12-Way F YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Headliner
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

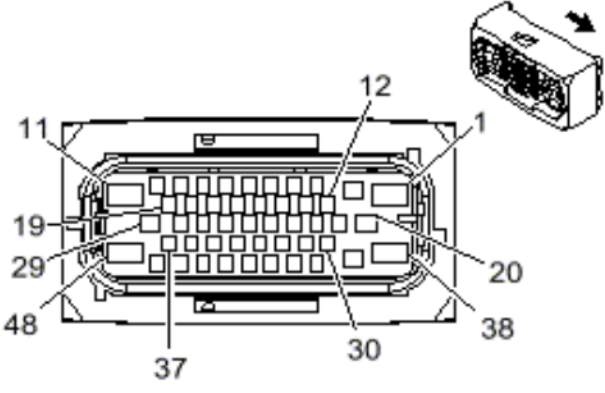
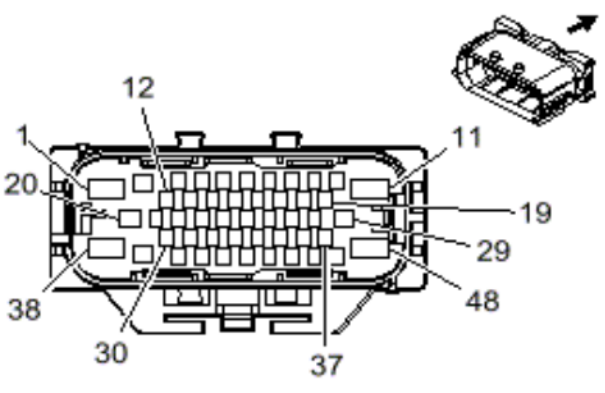
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19301756	J-35616-14 (GN)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19301756	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	Not Required	Å	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	1050	I	-	Ground	1	0.5	BK	1050	III	-
2	0.75	WH/VT	1430	II	-	Exterior Courtesy Lamp Control	2	0.75	WH/VT	1430	III	-
3	0.35 0.35	GY/GN BK/BN	328 654	I I	E29 UE1	Interior Lamp Defeat Switch Signal Cellular Telephone Microphone Low Reference	3	0.35 0.35	GY/GN BK/BN	328 654	III III	E29 UE1
4	0.35	BU	655	I	-	Cellular Telephone Microphone Signal	4	0.35	BU	655	III	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.35	BU/GY	3935	I	-	High Speed GMLAN Serial Data (+) 8	6	0.35	BU/GY	3935	III	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
7	0.35	WH/GY	3936	I	-	High Speed GMLAN Serial Data (-) 8	7	0.35	WH/GY	3936	III	-
8	0.5	WH/BU	5986	I	-	Serial Data Communication Enable	8	0.5	WH/BU	5986	III	-
9	0.5	VT/GN	7558	I	-	LED Ambient Lighting Control 2	9	0.5	VT/GN	7558	III	-
10	0.5	YE	6817	I	-	LED Backlight Dimming Control	10	0.5	YE	6817	III	-
11	0.5	BU/GY	3935	I	-	High Speed GMLAN Serial Data (+) 8	11	0.5	BU/GY	3935	III	-
12	0.5	WH/GY	3936	I	-	High Speed GMLAN Serial Data (-) 8	12	0.5	WH/GY	3936	III	-

X310 DRIVER SEAT CUSHION HARNESS TO BODY HARNESS (AG1)

 Connector Part Information • Harness Type: Driver Seat Cushion • OEM Connector: 15509588 • Service Connector: Service by Harness - See Part Catalog • Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)	 Connector Part Information • Harness Type: Body • OEM Connector: 15513436 • Service Connector: 15513436 • Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)
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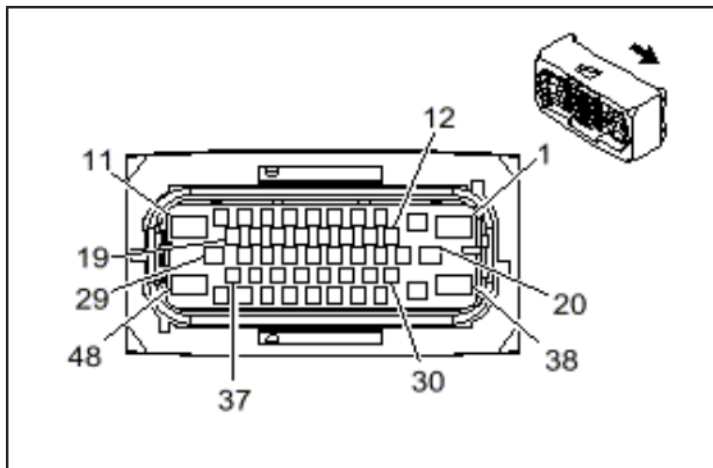
Terminal Part Information

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-35616-40 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	19329756	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	19331731	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	19352419	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
X	19353142	J-35616-3 (GY)	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	2.5	RD/YE	5040	III	-	Battery Positive Voltage	2	2.5	RD/YE	5040	VI	-
3	1.5	YE	5129	I	-	Adjustable Pedal Actuator Rearward Control	3	1.5	YE	5129	VIII	-
4	1.5	L-GN/VT	5130	I	-	Adjustable Pedal Actuator Forward Control	4	1.5	L-GN/VT	5130	VIII	-
5	0.35	OG/L-GN	5055	I	-	Driver Seat Position Switch Signal	5	0.35	OG/L-GN	5055	IX	-
6	0.35	OG/BN	238	I	-	Driver Seat Belt Switch Signal	6	0.35	OG/BN	238	IX	-
7	0.35	BK/OG	1363	I	-	Driver Seat Belt Switch Low Reference	7	0.35	BK/OG	1363	IX	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.35	L-GN/GY	5286	I	-	Adjustable Pedal Switch Forward Signal	9	0.35	L-GN/GY	5286	IX	-

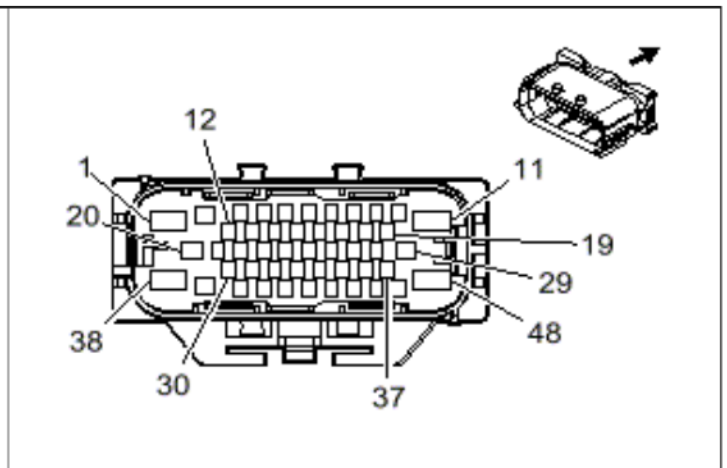
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
10	0.35	WH/GY	5285	I	-	Adjustable Pedal Switch Rearward Signal	10	0.35	WH/GY	5285	IX	-
11	4	BK	1150	II	-	Ground	11	4	BK	1150	VII	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.5	WH/RD	6207	I	-	Memory Sensor High Reference	13	0.35	WH/RD	6207	IX	-
14	0.35	L-BU	5952	I	-	Adjustable Pedal Position Sensor Brake Signal	14	0.35	D-BU	5952	IX	-
15	0.5	BK/GY	6206	I	-	Memory Sensor Low Reference	15	0.35	BK/GY	6206	IX	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.5	L-GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	17	0.5	L-GN/WH	7530	IV	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	L-GN/VT	5906	I	-	Driver Seat Vent Motor Control 1	19	0.35	L-GN/VT	5906	IX	-
20 - 21	-	-	-	-	-	Not Occupied	20 - 21	-	-	-	-	-
22	0.75	BN/BK	2078	I	-	Driver Heated Seat Element Low Reference	22	0.75	BN/BK	2078	V	-
23	0.75	RD/BN	1140	I	-	Battery Positive Voltage	23	0.5	RD/BN	1140	IV	-
24	0.5	L-GN/OG	3069	I	-	Driver Side Impact Module Low Control	24	0.35	L-GN/OG	3069	X	-
25	0.5	YE/OG	3482	I	-	Driver Seat Belt Anchor Pretensioner Low Control	25	0.35	YE/OG	3482	X	-
26	0.5	L-GN	5060	I	-	Low Speed GMLAN Serial Data	26	0.5	L-GN	5060	IV	-
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28	0.5	BN/YE	2080	I	-	Driver Heated Seat NTC Low Reference	28	0.5	BK/YE	2080	IV	-
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.5	L-BU	2425	I	-	Driver Heated Back NTC Signal	30	0.5	D-BU	2425	IV	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.5	YE/GY	2079	I	-	Driver Heated Seat NTC Signal	32	0.5	YE/GY	2079	IV	-
33	0.5	OG/L-BU	3068	I	-	Driver Side Impact Module High Control	33	0.35	OG/D-BU	3068	X	-
34	0.5	OG/YE	3481	I	-	Driver Seat Belt Anchor Pretensioner High Control	34	0.35	OG/YE	3481	X	-
35	0.35	L-GN/L-BU	614	I	-	Memory Seat Switch Set Signal	35	0.35	D-BU/L-GN	614	IX	-
36	0.75	BN	2432	I	-	Driver Heated Back Element Control	36	0.75	BN	2432	V	-
37	0.75	BN/VT	2077	I	-	Driver Heated Seat Element Control	37	0.75	BN/VT	2077	V	-
38 - 39	-	-	-	-	-	Not Occupied	38 - 39	-	-	-	-	-
40	0.35	BK/L-BU	5978	I	-	Memory Switch Low Reference	40	0.35	BK/D-BU	5978	IX	-
41	0.35	WH	615	I	-	Memory Seat Switch Signal 1	41	0.35	WH	615	IX	-
42 - 46	-	-	-	-	-	Not Occupied	42 - 46	-	-	-	-	-
47	0.75	RD/L-GN	5140	I	-	Battery Positive Voltage	47	0.75	RD/L-GN	5140	V	-
48	-	-	-	-	-	Not Occupied	48	-	-	-	-	-

X310 DRIVER SEAT CUSHION HARNESS TO BODY HARNESS (-AG1)



Connector Part Information

- Harness Type: Driver Seat Cushion
- OEM Connector: 15509611
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)



Connector Part Information

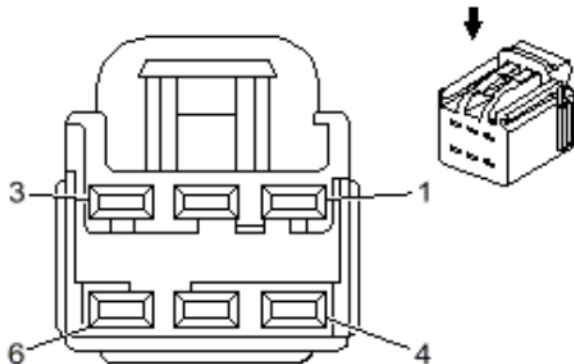
- Harness Type: Body
- OEM Connector: 33157079
- Service Connector: 19329476
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (YE)

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-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	19329756	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	19352419	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	19353142	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available

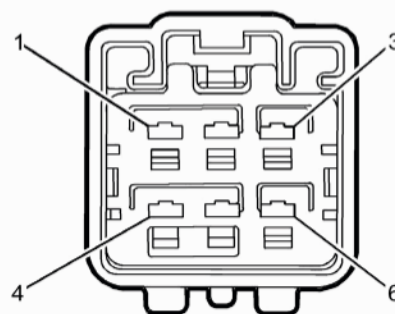
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 4	-	-	-	-	-	Not Occupied	1 - 4	-	-	-	-	-
5	0.35	OG/L-GN	5055	I	-	Driver Seat Position Switch Signal	5	0.35	OG/L-GN	5055	V	-
6	0.35	OG/BN	238	I	-	Driver Seat Belt Switch Signal	6	0.35	OG/BN	238	V	-
7	0.35	BK/OG	1363	I	-	Driver Seat Belt Switch Low Reference	7	0.35	BK/OG	1363	V	-
8 - 23	-	-	-	-	-	Not Occupied	8 - 23	-	-	-	-	-
24	0.5	L-GN/OG	3069	I	-	Driver Side Impact Module Low Control	24	0.35	L-GN/OG	3069	VI	-
25	0.5	YE/OG	3482	I	-	Driver Seat Belt Anchor Pretensioner Low Control	25	0.35	YE/OG	3482	VI	-
26 - 32	-	-	-	-	-	Not Occupied	26 - 32	-	-	-	-	-
33	0.5	OG/L-BU	3068	I	-	Driver Side Impact Module High Control	33	0.35	OG/D-BU	3068	VI	-
34	0.5	OG/YE	3481	I	-	Driver Seat Belt Anchor Pretensioner High Control	34	0.35	OG/YE	3481	VI	-
35 - 48	-	-	-	-	-	Not Occupied	35 - 48	-	-	-	-	-

X311 DRIVER SEAT BACK JUMPER HARNESS TO DRIVER SEAT CUSHION HARNESS



Connector Part Information

- Harness Type: Driver Seat Back Jumper
- OEM Connector: 7283-6466-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (L-GY)



Connector Part Information

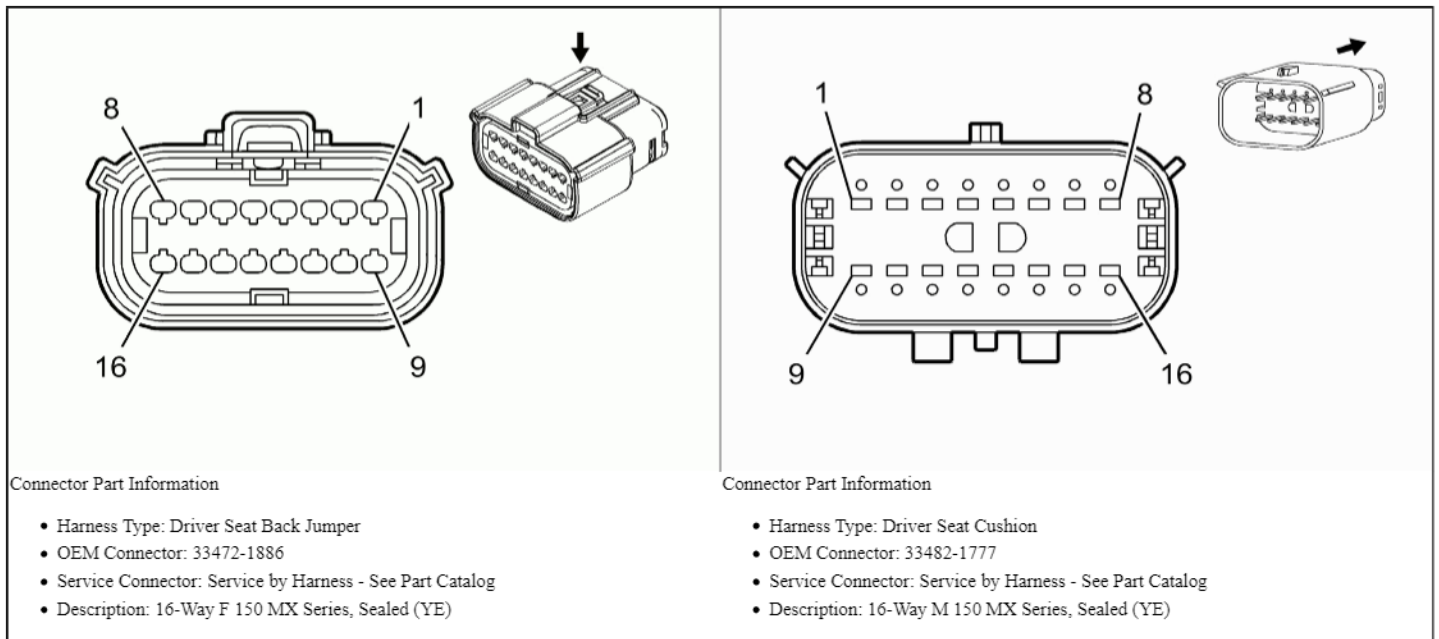
- Harness Type: Driver Seat Cushion
- OEM Connector: 7282-6466-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M YESC Kaizen Series (L-GY)

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	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	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
1	0.75	YE/BU	767	I	-	Driver Power Seat Lumbar Motor Down Control	1	1.5	YE/BU	767	II	-
2	0.75	YE/BN	768	I	-	Driver Power Seat Lumbar Motor Up Control	2	1.5	YE/BN	768	II	-
3	0.75 1.5	BU BU	611 611	I I	AL2 AL9	Driver Power Seat Lumbar Motor Forward Control Driver Power Seat Lumbar Motor Forward Control	3	1.5	BU	611	II	-
4	0.75 1.5	VT VT	610 610	I I	AL2 AL9	Driver Power Seat Lumbar Motor Rearward Control Driver Power Seat Lumbar Motor Rearward Control	4	1.5	VT	610	II	-
5	1.5	GN/YE	276	I	-	Driver Power Seat Recline Motor Forward Control	5	1.5	GN/YE	276	II	-
6	1.5	BU/YE	277	I	-	Driver Power Seat Recline Motor Rearward Control	6	1.5	BU/YE	277	II	-

X312 DRIVER SEAT BACK JUMPER HARNESS TO DRIVER SEAT CUSHION HARNESS (AG1)

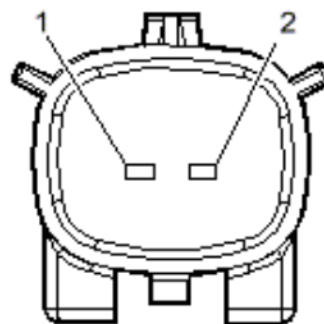
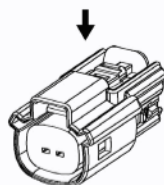
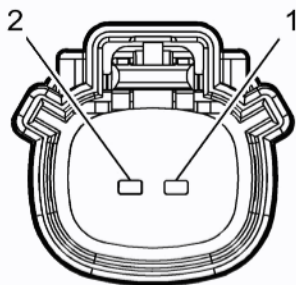


Terminal Part Information

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 - 4	-	-	-	-	-	Not Occupied	3 - 4	-	-	-	-	-
5	0.75	BK	1150	I	-	Ground	5	0.75	BK	1150	II	-
6	0.75	BN	2432	I	-	Driver Heated Back Element Control	6	0.75	BN	2432	II	-
7	0.35	GN/VT	5906	I	-	Driver Seat Vent Motor Control 1	7	0.35	GN/VT	5906	II	-
8	0.5	BK/YE	2080	I	-	Driver Heated Seat NTC Low Reference	8	0.5	BN/YE	2080	II	-
9	0.75	BN/BK	2078	I	-	Driver Heated Seat Element Low Reference	9	0.75	BN/BK	2078	II	-
10	0.5	BU	2425	I	-	Driver Heated Back NTC Signal	10	0.5	BU	2425	II	-
11	0.75	RD/GN	5140	I	-	Battery Positive Voltage	11	0.75	RD/GN	5140	II	-
12	0.35	WH/BK	570	I	-	Driver Memory Seat Recline Motor Position Sensor Signal	12	0.5	WH/BK	570	II	-
13	0.35	WH/RD	3298	I	-	Memory Sensor High Reference 2	13	0.35	WH/RD	3298	II	-
14 - 16	-	-	-	-	-	Not Occupied	14 - 16	-	-	-	-	-

X312 DRIVER SEAT BACK HARNESS TO DRIVER SEAT CUSHION HARNESS (-AG1)



Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F

Connector Part Information

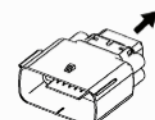
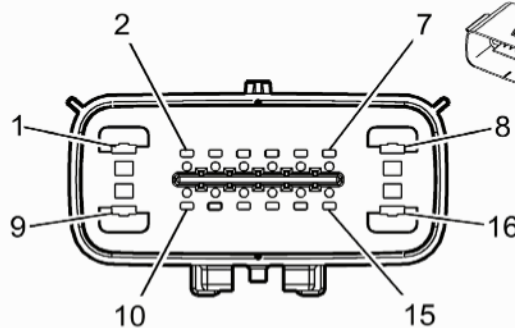
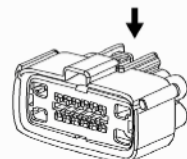
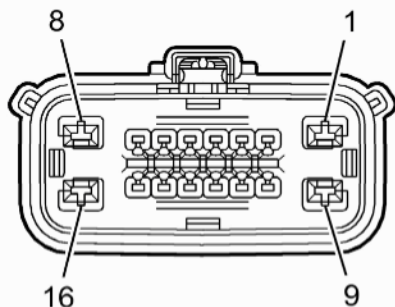
- Harness Type: Driver Seat Cushion
- OEM Connector: 33481-0210
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.5 MX Series, Sealed (YE)

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/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	-

X314 CENTER SEAT HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Center Seat
- OEM Connector: 34985-1606
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)

Connector Part Information

- Harness Type: Body
- OEM Connector: 33129084
- Service Connector: 19331031
- Description: 16-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	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	19329833	J-35616-5 (PU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type	Option	Function	Pin	Size	Color	Circuit	Terminal Type	Option
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				ID							ID	
1	1.5	VT/YE	143	II	-	Accessory Ignition Voltage	1	1.5	VT/YE	143	IV	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.35	BK	5842	I	-	Auxiliary Audio Screen 2	3	0.5	BK	5842	III	-
4	0.35	GY	5839	I	-	Left Auxiliary Audio Signal 2	4	0.5	GY	5839	III	-
5	0.35	L-BU	2060	I	-	Auxiliary Detection Signal	5	0.5	D-BU	2060	III	-
6	0.35	BK	2550	I	-	Ground	6	0.75	BK	2550	III	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	1.5	BK	1250	II	-	Ground	8	1.5	BK	1250	IV	-
9	1.5	VT/YE	243	II	-	Accessory Ignition Voltage	9	1.5	VT/YE	243	IV	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.35	L-GN	5841	I	-	Right Auxiliary Audio Signal 2	11	0.5	L-GN	5841	III	-
12	0.35	VT	5843	I	-	Auxiliary Audio Common Signal	12	0.5	VT	5843	III	-
13	-	-	-	-	-	Not Occupied	13	-	-	-	-	-
14	0.75	RD/VT	340	I	-	Battery Positive Voltage	14	0.75	RD/VT	340	III	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	1.5	BK	1250	II	-	Ground	16	1.5	BK	1250	IV	-

X206 BODY HARNESS TO BRAKE CLUTCH HARNESS (E29)

Connector Part Information

- Harness Type: Brake Clutch
- OEM Connector: 13778557
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Series, Sealed (BK)

Connector Part Information

- Harness Type: Body
- OEM Connector: 13551665
- Service Connector: 19300393
- Description: 16-Way M 150 MX Series, Sealed (BK)

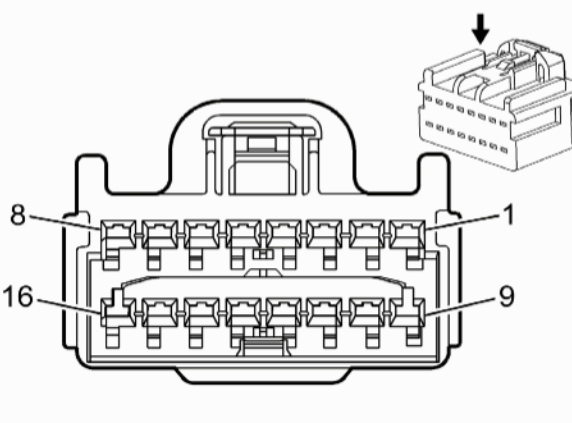
Terminal Part Information

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	13580014	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19119440	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	0.35	BK/D-BU	1271	I	-	Accelerator Pedal Position Low Reference 1	1	0.35	BK/D-BU	1271	II	-
2	0.35	YE/WH	1161	I	-	Accelerator Pedal Position Signal 1	2	0.35	YE/WH	1161	II	-
3	0.35	WH/RD	1164	I	-	Accelerator Pedal Position 5V Reference 1	3	0.35	WH/RD	1164	II	-
4	0.35	BK/VT	1272	I	-	Accelerator Pedal Position Low Reference 2	4	0.35	BK/VT	1272	II	-
5	0.35	L-GN/WH	1162	I	-	Accelerator Pedal Position Signal 2	5	0.35	L-GN/WH	1162	II	-
6	0.35	BN/RD	1274	I	-	Accelerator Pedal Position 5V Reference 2	6	0.35	BN/RD	1274	II	-

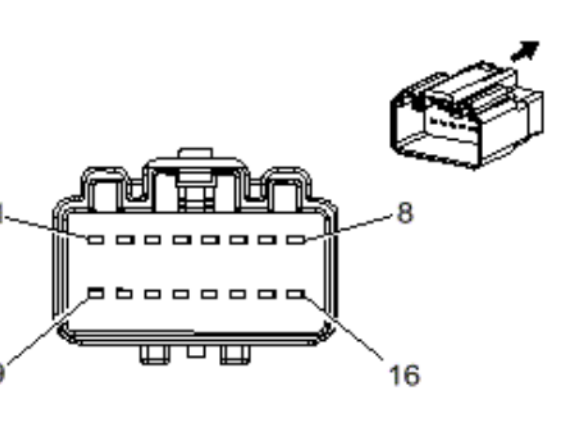
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
7 - 9	-	-	-	-	-	Not Occupied	7 - 9	-	-	-	-	-
10	0.5	WH/L-GN	526	I	-	Stop Lamp Switch Signal	10	0.35	WH/L-GN	526	III	-
11	0.5	BK/L-GN	552	I	-	Sensor Low Reference	11	0.35	BK/L-GN	552	III	-
12	0.5	GY/RD	598	I	-	5V Reference	12	0.35	GY/RD	598	III	-
13	0.5	GY/RD	6109	I	-	Clutch Apply Sensor 5V Reference	13	0.5	GY/RD	6109	III	-
14	0.5	BK/GY	6110	I	-	Clutch Apply Sensor Low Reference	14	0.5	BK/GY	6110	III	-
15	0.5	YE	6111	I	-	Clutch Apply Sensor Signal	15	0.5	YE	6111	III	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-

X315 BODY HARNESS TO BRAKE CLUTCH HARNESS (-E29)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847013
- Service Connector: 89047090
- Description: 16-Way F 1.5 Kaizen Series (GN)



Connector Part Information

- Harness Type: Brake Clutch
- OEM Connector: 13507433
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 1.5 Kaizen Series (GN)

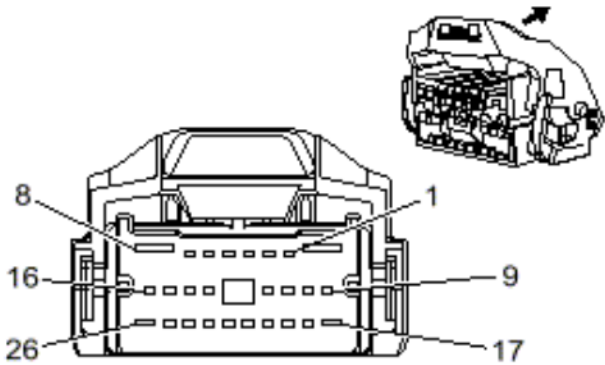
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578813	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13578891	J-35616-2A (GY)	J-38125-11A	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	0.35	BK/BU	1271	I	-	Accelerator Pedal Position Low Reference 1 Accelerator Pedal Position Low Reference 1	1	0.35	BK/BU	1271	III	-
2	0.35	YE/WH	1161	I	-	Accelerator Pedal Position Signal 1 Accelerator Pedal Position Signal 1	2	0.35	YE/WH	1161	III	-
3	0.35	WH/RD	1164	I	-	Accelerator Pedal Position 5V Reference 1 Accelerator Pedal Position 5V Reference 1	3	0.35	WH/RD	1164	III	-
4	0.35	BK/VT	1272	I	-	Accelerator Pedal Position Low Reference 2 Accelerator Pedal Position Low Reference 2	4	0.35	BK/VT	1272	III	-
5	0.35	GN/WH	1162	I	-	Accelerator Pedal Position Signal 2 Accelerator Pedal Position Signal 2	5	0.35	GN/WH	1162	III	-

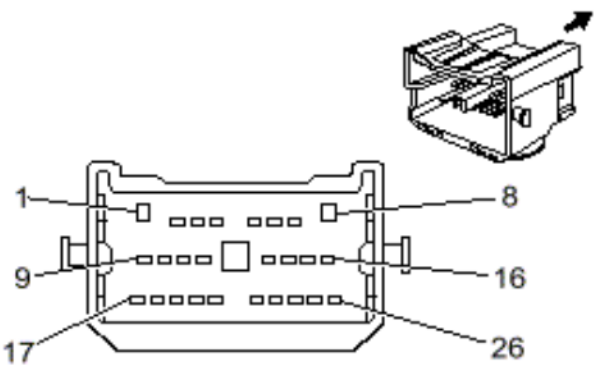
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
6	0.35	BN/RD	1274	I	-	Accelerator Pedal Position 5V Reference 2 Accelerator Pedal Position 5V Reference 2	6	0.35	BN/RD	1274	III	-
7	0.35	WH	5359	II	-	Brake Apply Sensor Control Brake Apply Sensor Control	7	0.5	WH	5359	III	-
8	0.35	BK/BN	5360	II	-	Brake Apply Sensor Low Reference Brake Apply Sensor Low Reference	8	0.5	BK/BN	5360	III	-
9	0.35	BU/YE	5361	II	-	Brake Apply Sensor Signal Brake Apply Sensor Signal	9	0.5	BU/YE	5361	III	-
10	0.5	YE/BK	7478	II	-	Rotary Position Sensor Low Reference Rotary Position Sensor Low Reference	10	0.5	YE/BK	7478	III	-
11	0.5	WH/RD	7477	II	-	Rotary Position Sensor 5V Reference Rotary Position Sensor 5V Reference	11	0.5	WH/RD	7477	III	-
12	0.5	WH/GN	7479	II	-	Rotary Position Sensor Signal Rotary Position Sensor Signal	12	0.5	WH/GN	7479	III	-
13 - 16	-	-	-	-	-	Not Occupied	13 - 16	-	-	-	-	-

X316 HEADLINER HARNESS TO OVERHEAD CONSOLE HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 15518265
- Service Connector: 13587877
- Description: 26-Way F 1.5, 2.8, 6.3 Series (BK)



Connector Part Information

- Harness Type: Overhead Console
- OEM Connector: 13536441
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way M Hybrid Series (BK)

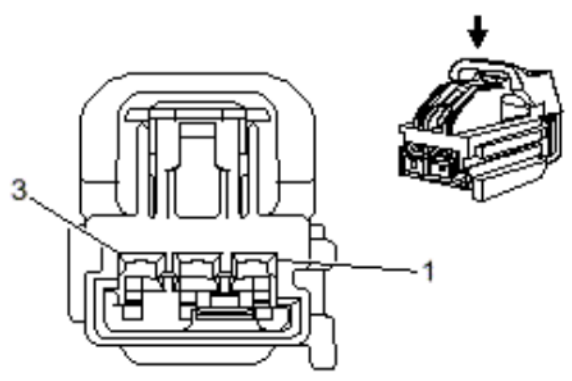
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13578893	J-35616-35 (VT)	J-38125-11A	7116-4110-02	Yazaki 9	E	C
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
1 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
3	0.35	VT/YE	43	I	-	Accessory Ignition Voltage	3	0.35	VT/YE	43	III	-
4	0.5	BK	1050	I	-	Ground	4	0.5	BK	1050	III	-

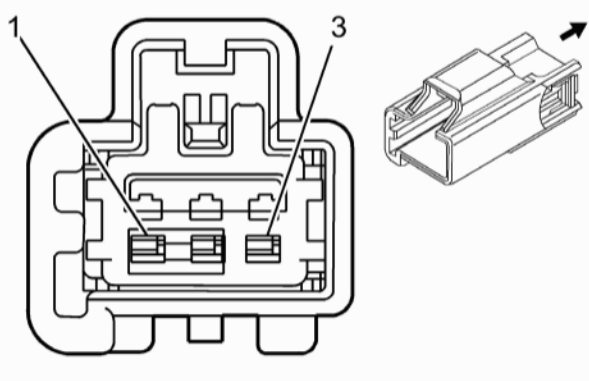
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
5	0.35	GY/L-GN	328	I	-	Interior Lamp Defeat Switch Signal	5	0.35	GY/L-GN	328	III	-
6	0.35	GY/D-BU	156	I	-	Courtesy Lamp Switch Signal	6	0.35	GY	156	III	-
7	0.5	WH/BN	6815	I	-	Inadvertent Power Control	7	0.5	WH/BN	6815	III	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.35	VT/L-GN	7558	I	-	LED Ambient Lighting Control 2	9	0.35	VT/L-GN	7558	III	-
10	0.5	YE	6817	I	-	LED Backlight Dimming Control	10	0.5	YE	6817	III	-
11	0.35	VT/BK	1139	I	-	Run/Crank Ignition 1 Voltage	11	0.35	VT/WH	1139	III	-
12	0.35	VT/WH	5234	I	-	Passenger Seat Belt Indicator Control	12	0.35	VT/WH	5234	III	-
13	0.35	D-BU	2307	I	-	Passenger Air Bag On Indicator Control	13	0.35	D-BU	2307	III	-
14	0.35	L-GN/RD	2308	I	-	Passenger Air Bag Off Indicator Control	14	0.35	L-GN	2308	III	-
15 - 16	-	-	-	-	-	Not Occupied	15 - 16	-	-	-	-	-
17	0.5	RD/YE	240	II	-	Battery Positive Voltage	17	0.5	RD/YE	240	IV	TRW/UG1
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	YE/VT	6191	I	-	Power Sliding Window Switch Open Signal	19	0.35	YE/VT	6191	III	-
20	0.35	WH	6192	I	-	Power Sliding Window Switch Close Signal	20	0.35	WH	6192	III	-
21	0.5	GY	157	I	-	Interior Lamp Control	21	0.5	GY	157	III	-
22	-	-	-	-	-	Not Occupied	22	-	-	-	-	-
23	0.35	VT/YE	43	I	-	Accessory Ignition Voltage	23	0.35	VT/YE	43	III	-
24 - 26	-	-	-	-	-	Not Occupied	24 - 26	-	-	-	-	-

X317 HEADLINER HARNESS TO CENTER HIGH MOUNTED STOP LAMP JUMPER HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10847008
- Service Connector: 19149536
- Description: 3-Way F 1.5 Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Center High Mounted Stop Lamp Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M

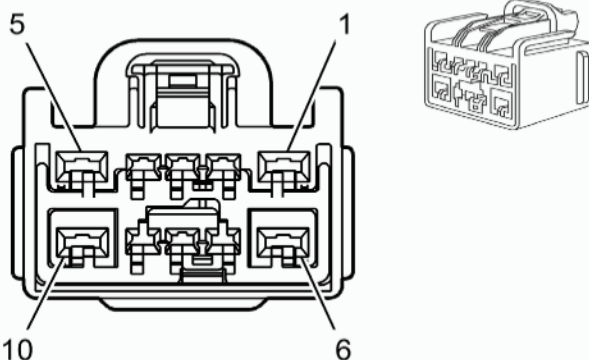
Terminal Part Information

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	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	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	1	0.75	WH/VT	1430	II	-

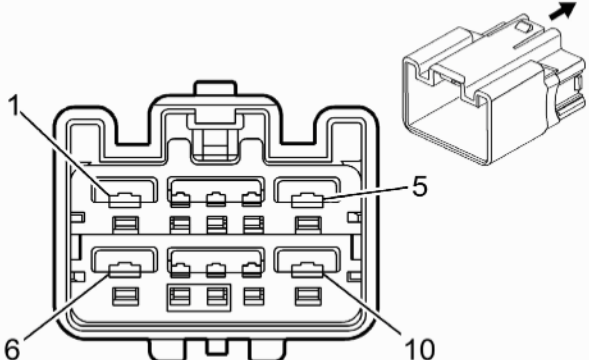
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.5	VT/GY	1054	I	-	Stop Lamp Control	2	0.5	VT/GY	1054	II	-
3	0.5	BK	1050	I	-	Ground	3	0.5	BK	1050	II	-

X318 SUNROOF JUMPER HARNESS TO OVERHEAD CONSOLE HARNESS



Connector Part Information

- Harness Type: Sunroof Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F



Connector Part Information

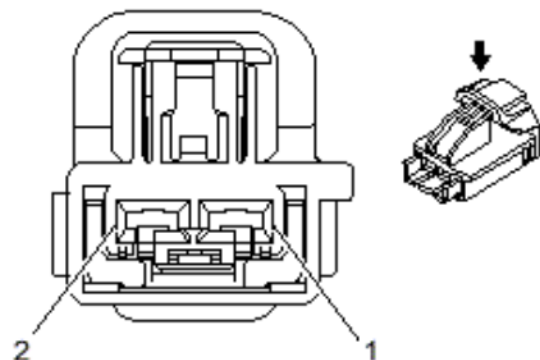
- Harness Type: Overhead Console
- OEM Connector: 13506926
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M YESC Kaizen Series (L-GY)

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	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

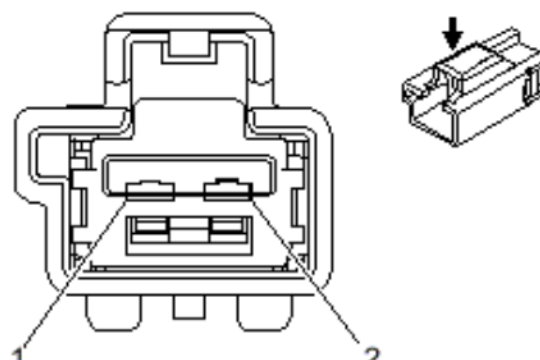
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.35	L-GN/WH	100	I	-	Sunroof Switch Open Signal	2	0.35	L-GN/WH	100	II	-
3	0.35	BN/D-BU	2074	I	-	Sunroof Switch Express Signal	3	0.35	BN/D-BU	2074	II	-
4	0.35	GY/VT	2075	I	-	Sunroof Switch Close Vent Signal	4	0.35	GY/VT	2075	II	-
6	0.35	VT/YE	43	I	-	Accessory Ignition Voltage	6	0.35	VT/YE	43	III	-
7	0.35	D-BU/WH	110	I	-	Sunroof Switch Close Signal	7	0.35	D-BU/WH	110	II	-
8	0.35	YE/VT	144	I	-	Sunroof Switch Open Vent Signal	8	0.35	YE/VT	144	II	-

X319 OVERHEAD CONSOLE HARNESS TO RH A PILLAR HARNESS



Connector Part Information

- Harness Type: Overhead Console



Connector Part Information

- Harness Type: RH A Pillar

- OEM Connector: 10846819
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F YESC Kaizen Series (L-GY)

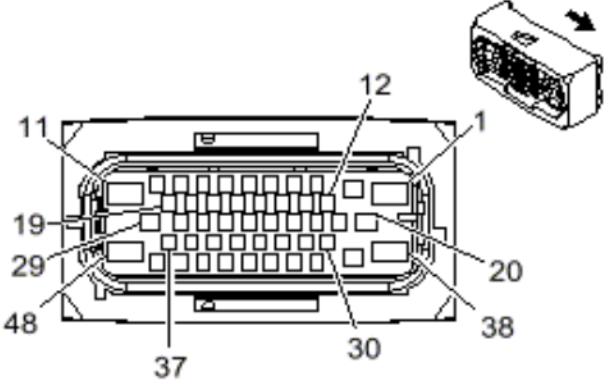
- OEM Connector: 10846812
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M YESC Kaizen Series (L-GY)

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	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

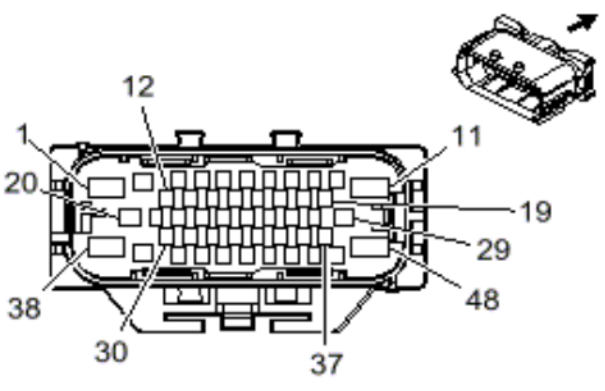
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	RD/L-GN	3140	I	-	Battery Positive Voltage	1	2.5	RD/L-GN	3140	II	-
2	2.5	BK	1050	I	-	Ground	2	2.5	BK	1050	II	-

X320 PASSENGER SEAT CUSHION HARNESS TO BODY HARNESS (EXTENDED CAB/CREW CAB)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 15509588
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15513436
- Service Connector: 15513436
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)

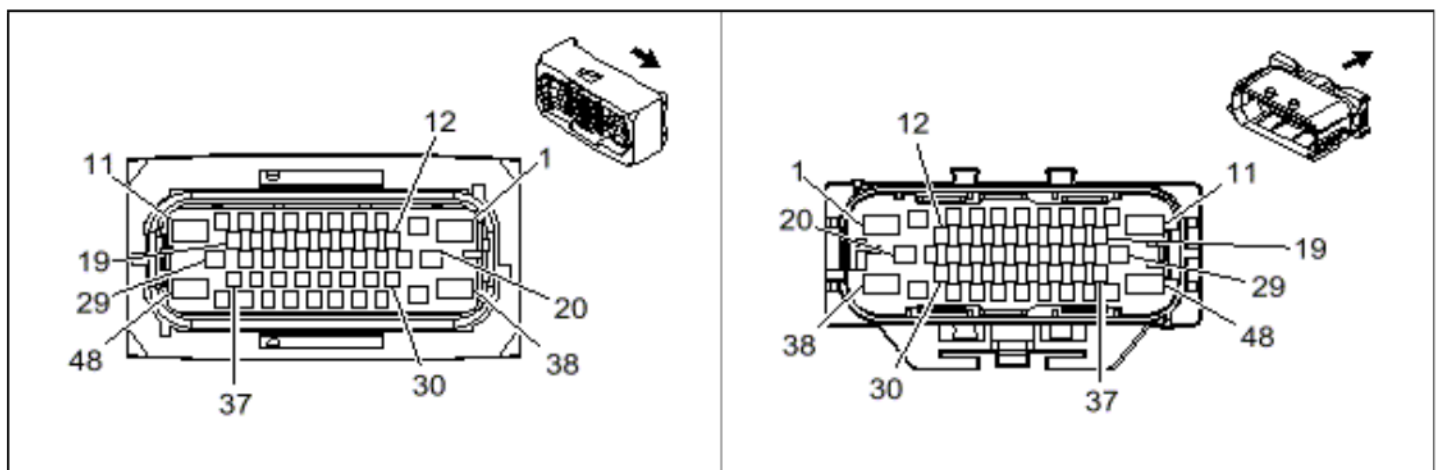
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-40 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	19329756	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	19352419	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	19353142	J-35616-3 (GY)	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	2.5	RD/BN	1440	III	-	Battery Positive Voltage	2	2.5	RD/BN	1440	VI	-
3 - 4	-	-	-	-	-	Not Occupied	3 - 4	-	-	-	-	-
5	-	-	-	-	-	Passenger Seat Position Switch Signal	5	0.35	OG/D-BU	5056	VIII	-
6	0.35	OG/VT	1362	I	-	Passenger Seat Belt Switch Signal	6	0.35	OG/VT	1362	VIII	-
7	0.35	BK/OG	1361	I	-	Passenger Seat Belt Switch Low Reference	7	0.35	BK/OG	1361	VIII	-
8	0.75	BN/VT	2077	I	-	Driver Heated Seat Element Control	8	0.75	BN/VT	2077	V	-
9	0.75	BN	2432	I	-	Driver Heated Back Element Control	9	0.75	BN	2432	V	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	4	BK	1250	II	-	Ground	11	4	BK	1250	VII	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
12 - 13	-	-	-	-	-	Not Occupied	12 - 13	-	-	-	-	-
14	0.35	L-BU/RD	5612	I	-	Passenger Seat Belt Tension Sensor 5V Reference	14	0.35	D-BU/RD	5612	VIII	-
15	0.35	VT/OG	5611	I	-	Passenger Seat Belt Tension Sensor Signal	15	0.35	VT/OG	5611	VIII	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.75	RD/L-GN	6140	I	-	Battery Positive Voltage	17	0.75	RD/L-GN	6140	V	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	L-GN/VT	5906	I	-	Driver Seat Vent Motor Control 1	19	0.35	L-GN/VT	5906	VIII	-
20 - 21	-	-	-	-	-	Not Occupied	20 - 21	-	-	-	-	-
22	0.75	BN/BK	2078	I	-	Driver Heated Seat Element Low Reference	22	0.75	BN/BK	2078	V	-
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.5	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	24	0.35	BN/OG	3067	IX	-
25	0.5	GY/OG	3480	I	-	Passenger Seat Belt Anchor Pretensioner Low Control	25	0.35	GY/OG	3480	IX	-
26	0.5 0.35	L-GN L-GN	5060 5060	I I	A45/UFL/UHX AL0-ULT	Low Speed GMLAN Serial Data Low Speed GMLAN Serial Data	26	0.35	L-GN	5060	VIII	-
27	0.35	L-GN/L-BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	27	0.5	L-GN/D-BU	6133	IV	-
28	0.5	BK/YE	2080	I	-	Driver Heated Seat NTC Low Reference	28	0.5	BK/YE	2080	IV	-
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.5	L-BU	2425	I	-	Driver Heated Back NTC Signal	30	0.5	D-BU	2425	IV	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.5	YE/GY	2079	I	-	Driver Heated Seat NTC Signal	32	0.5	YE/GY	2079	IV	-
33	0.5	OG/GY	3066	I	-	Passenger Side Impact Module High Control	33	0.35	OG/GY	3066	IX	-
34	0.5	OG/BN	3479	I	-	Passenger Seat Belt Anchor Pretensioner High Control	34	0.35	OG/BN	3479	IX	-
35	0.35	RD/L-GN	4440	I	-	Battery Positive Voltage	35	0.35	RD/L-GN	4440	VIII	-
36	0.35	BK/WH	2751	I	-	Signal Ground	36	0.5	BK/WH	2751	IV	-
37 - 46	-	-	-	-	-	Not Occupied	37 - 46	-	-	-	-	-
47	0.75	RD/L-GN	5140	I	-	Battery Positive Voltage	47	0.75	RD/L-GN	5140	V	-
48	-	-	-	-	-	Not Occupied	48	-	-	-	-	-

X320 PASSENGER SEAT CUSHION HARNESS TO BODY HARNESS (REGULAR CAB)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F

Connector Part Information

- Harness Type: Body
- OEM Connector: 33157081
- Service Connector: 19329476
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13505807	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	19352419	J-35616-19 (BK)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	19353142	J-35616-3 (GY)	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
5	0.35	OG/D-BU	5056	I	-	Passenger Seat Position Switch Signal	5	0.35	OG/D-BU	5056	III	-
6	0.35	OG/VT	1362	I	-	Passenger Seat Belt Switch Signal	6	0.35	OG/VT	1362	III	-
7	0.35	BK/OG	1361	I	-	Passenger Seat Belt Switch Low Reference	7	0.35	BK/OG	1361	III	-
14	0.35	D-BU/RD	5612	I	-	Passenger Seat Belt Tension Sensor 5V Reference	14	0.35	D-BU/RD	5612	III	-
15	0.35	VT/OG	5611	I	-	Passenger Seat Belt Tension Sensor Signal	15	0.35	VT/OG	5611	III	-
24	0.35	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	24	0.35	BN/OG	3067	IV	-
25	0.35	GY/OG	3480	I	-	Passenger Seat Belt Anchor Pretensioner Low Control	25	0.35	GY/OG	3480	IV	-
26	0.35	L-GN	5060	I	-	Low Speed GMLAN Serial Data	26	0.35	L-GN	5060	III	-
33	0.35	OG/GY	3066	I	-	Passenger Side Impact Module High Control	33	0.35	OG/GY	3066	IV	-
34	0.35	OG/BN	3479	I	-	Passenger Seat Belt Anchor Pretensioner High Control	34	0.35	OG/BN	3479	IV	-
35	0.35	RD/L-GN	4440	I	-	Battery Positive Voltage	35	0.35	RD/L-GN	4440	III	-
36	0.5	BK/WH	2751	I	-	Signal Ground	36	0.5	BK/WH	2751	II	-

X321 PASSENGER SEAT BACK HARNESS TO PASSENGER SEAT CUSHION HARNESS

Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 7283-6466-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (L-GY)

Connector Part Information

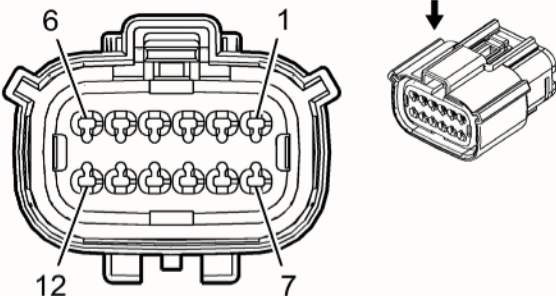
- Harness Type: Passenger Seat Cushion
- OEM Connector: 7282-6466-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M YESC Kaizen Series (L-GY)

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	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

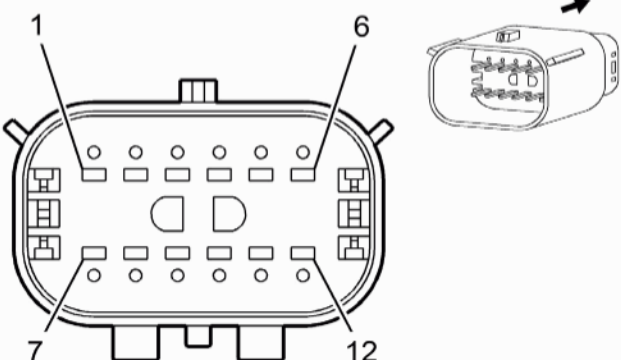
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	L-BU/YE	792	I	-	Passenger Power Seat Lumbar Motor Down Control	1	1.5	L-BU/YE	792	II	-
2	0.75	BN/YE	793	I	-	Passenger Power Seat Lumbar Motor Up Control	2	1.5	BN/YE	793	II	-
3	1.5 0.75	L-BU L-BU	211 211	I I	AG2/AG6+AL9-A45 AL2	Passenger Power Seat Lumbar Motor Forward Control Passenger Power Seat Lumbar Motor Forward Control	3	1.5	L-BU	211	II	-
4	1.5 0.75	VT VT	210 210	I I	AG2/AG6+AL9-A45 AL2	Passenger Power Seat Lumbar Motor Rearward Control Passenger Power Seat Lumbar Motor Rearward Control	4	1.5	VT	210	II	-
5	1.5	L-GN	76	I	-	Passenger Power Seat Recline Motor Forward Control	5	1.5	L-GN	76	II	-
6	1.5	L-BU/BN	77	I	-	Passenger Power Seat Recline Motor Rearward Control	6	1.5	L-BU/BN	77	II	-

X322 PASSENGER SEAT BACK HARNESS TO PASSENGER SEAT CUSHION HARNESS



Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 33472-1292
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 150 MX Series, Sealed (YE)



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: 33482-1336
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M 150 MX Series, Sealed (YE)

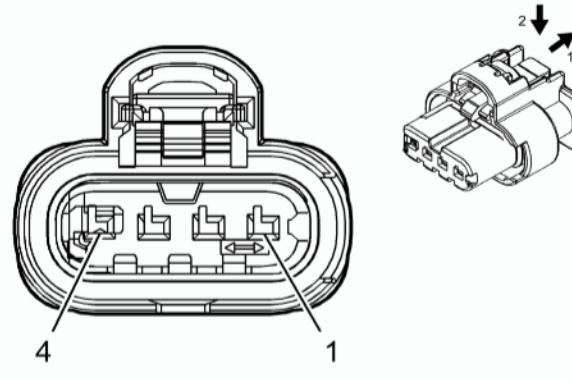
Terminal Part Information

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	-

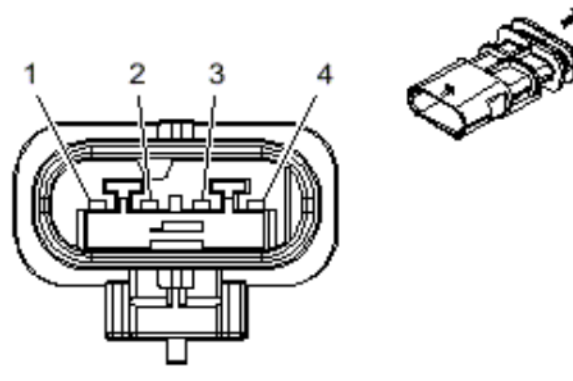
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	0.75	BK	1250	I	-	Ground	3	0.75	BK	1250	II	-
4	0.75	WH/BN	2481	I	-	Passenger Heated Back Element Control	4	0.75	WH/BN	2481	II	-
5	0.35	VT/WH	5908	I	-	Passenger Seat Vent Motor Control 1	5	0.35	VT/WH	5908	II	-
6	0.5	BK/L-GN	2482	I	-	Passenger Heated Back NTC Low Reference	6	0.5	BK/L-GN	2482	II	-
7	0.75	GY/BK	2480	I	-	Passenger Heated Seat Element Low Reference	7	0.75	GY/BK	2480	II	-
8	0.5	WH/L-BU	2436	I	-	Passenger Heated Back NTC Signal	8	0.5	WH/L-BU	2436	II	-
9	0.75	RD/L-GN	6140	I	-	Battery Positive Voltage	9	0.75	RD/L-GN	6140	II	-
10 - 12	-	-	-	-	-	Not Occupied	10 - 12	-	-	-	-	-

X363 HIGH VOLTAGE BATTERY MONITORING HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: High Voltage Battery Monitoring
- OEM Connector: 33195373
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 MCON-CB Series, Sealed (GY)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33178128
- Service Connector: 19352602
- Description: 4-Way M 1.2 MCON-CB Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-13 (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/BU	6276	I	-	Fan Speed Sensor Low Reference	1	0.5	BK	1250	II	-
2	0.35	YE/GN	5598	I	-	Fan Speed Signal 1	2	0.35	YE/GN	5598	II	-
3	0.35	BU/VT	5599	I	-	Fan Speed Signal 2	3	0.35	BU/VT	5599	II	-
4	0.5	BN/WH	6277	I	-	Fan Speed Sensor Control	4	0.5	VT/BK	739	II	-

X380 BODY HARNESS TO ROOF RAIL AIR BAG JUMPER HARNESS

Connector Part Information

- Harness Type: Body
- OEM Connector: 33134903
- Service Connector: 19353941
- Description: 2-Way F 1.2 MCON Series, Sealed (YE)

Connector Part Information

- Harness Type: Roof Rail Air Bag Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	0.35	OG/L-GN	5019	I	-	Left Front Head Curtain Module High Control	1	0.35	OG/L-GN	5019	II	-
2	0.35	VT/OG	5020	I	-	Left Front Head Curtain Module Low Control	2	0.35	VT/OG	5020	II	-

X390 BODY HARNESS TO ROOF RAIL AIR BAG JUMPER HARNESS

Connector Part Information

- Harness Type: Body
- OEM Connector: 33134903
- Service Connector: 19353941
- Description: 2-Way F 1.2 MCON Series, Sealed (YE)

Connector Part Information

- Harness Type: Roof Rail Air Bag Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

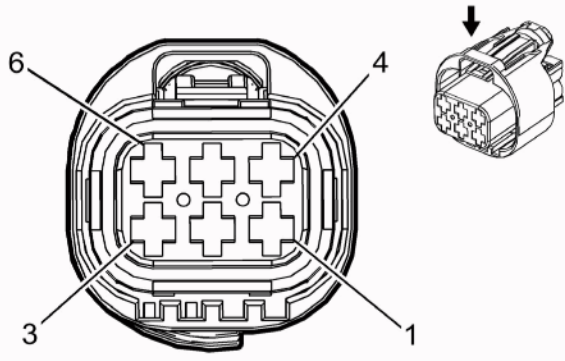
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	0.35	OG/GY	5021	I	-	Right Front Head	1	0.35	OG/GY	5021	II	-

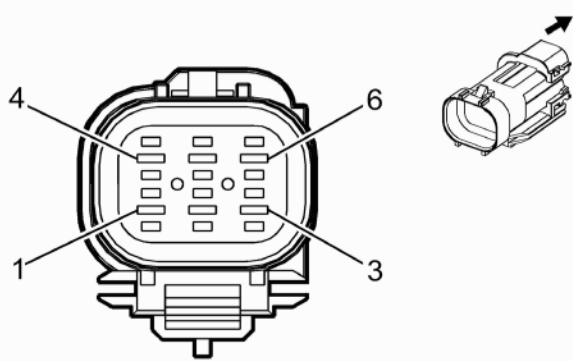
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
						Curtain Module High Control						
2	0.35	WH/OG	5022	I	-	Right Front Head Curtain Module Low Control	2	0.35	WH/OG	5022	II	-

X400 ACCESSORY CARGO KIT HARNESS TO CHASSIS HARNESS



Connector Part Information

- Harness Type: Accessory Cargo Kit
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F



Connector Part Information

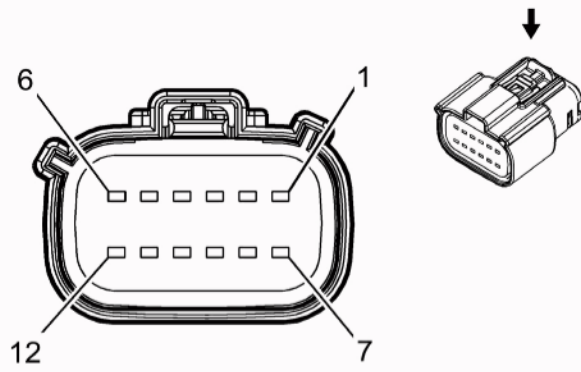
- Harness Type: Chassis
- OEM Connector: 10865189
- Service Connector: 93185233
- Description: 6-Way M 2.8 Series, Sealed (BK)

Terminal Part Information

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

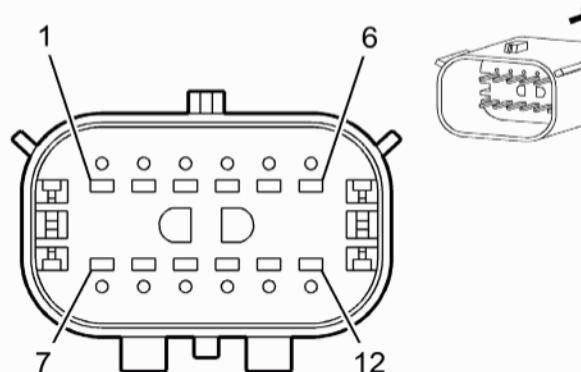
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	1	0.75	WH/VT	1430	II	-
2 - 3	-	-	-	-	-	Not Occupied	2 - 3	-	-	-	-	-
4	0.5	VT/GY	1054	I	-	Stop Lamp Control	4	0.5	VT/GY	1054	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	1	BK	1750	I	-	Ground	6	1	BK	1750	II	-

X410 TAIL LAMP - LEFT HARNESS TO CHASSIS HARNESS (1500+ZYD)



Connector Part Information

- Harness Type: Tail Lamp - Left
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F



Connector Part Information

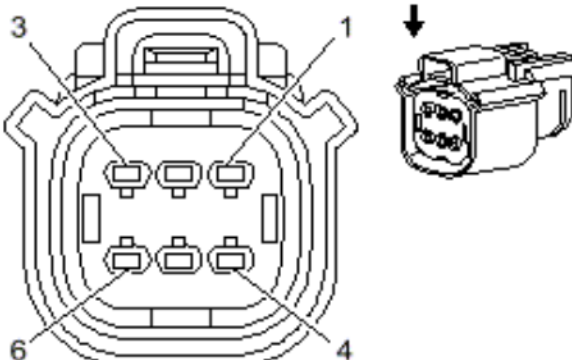
- Harness Type: Chassis
- OEM Connector: 13942040
- Service Connector: 13503542
- Description: 12-Way M 150 MX Series, Sealed (BK)

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	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

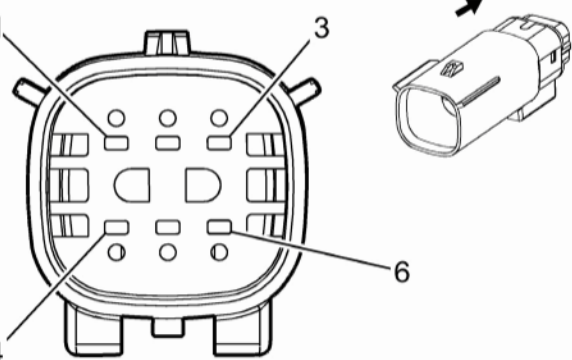
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	YE/GN	18	I	-	Left Rear Stop/Turn Lamp Control	1	0.75	YE/GN	18	II	-
2	0.5	YE/BK	5356	I	-	Left Tail Lamp Outage Detection Signal	2	0.5	YE/BK	5356	II	-
3	1.5	BK	1750	I	-	Ground	3	1.5	BK	1750	III	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-
5	0.75	VT/GY	709	I	-	Left Park Lamp Control	5	0.75	VT/GY	709	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.75	WH/BN	158	I	-	Cargo Lamp Switch Signal	7	0.75	WH/BN	158	II	-
8	0.5	BN/WH	1429	I	-	Standing Lamp Relay Control	8	0.5	BN/WH	1429	II	-
9	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	9	0.75	WH/VT	1430	II	-
10	0.75	YE/BN	967	I	-	-	10	0.75	YE/BN	967	II	-
11	0.5	YE	9003	I	-	-	11	0.5	YE	9003	II	-
12	1	BK	1450	I	-	Ground	12	1	BK	1450	II	-

X410 TAIL LAMP - LEFT HARNESS TO CHASSIS HARNESS (LIGHT DUTY-ZYD)



Connector Part Information

- Harness Type: Tail Lamp - Left
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F



Connector Part Information

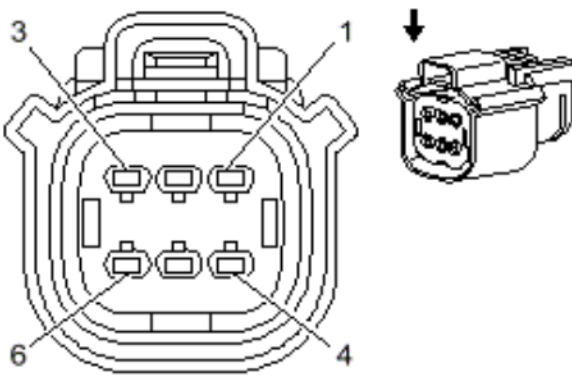
- Harness Type: Chassis
- OEM Connector: 13950454
- Service Connector: 13576414
- Description: 6-Way M 150 MX Series, Sealed (BK)

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

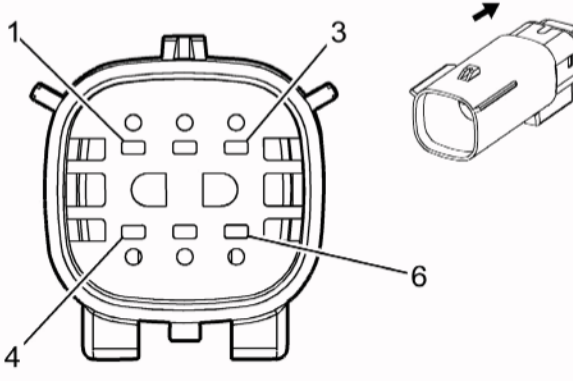
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	YE/BU	18	I	-	Left Rear Stop/Turn Lamp Control	1	0.75	YE/GN	18	II	-
2	0.5	YE/BK	5356	I	-	Left Tail Lamp Outage Detection Signal	2	0.5	YE/BK	5356	II	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-
5	0.75	VT/GY	709	I	-	Left Park Lamp Control	5	0.75	VT/GY	709	II	-
6	1.5	BK	1750	I	-	Ground	6	1.5	BK	1750	II	-

X410 TAIL LAMP - LEFT HARNESS TO CHASSIS HARNESS (1500-ZYD)



Connector Part Information

- Harness Type: Tail Lamp - Left
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F



Connector Part Information

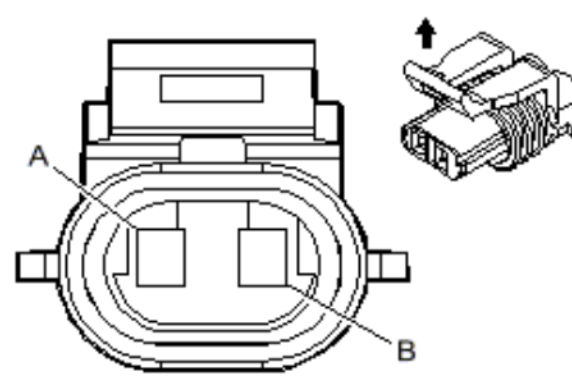
- Harness Type: Chassis
- OEM Connector: 13950454
- Service Connector: 13576414
- Description: 6-Way M 150 MX Series, Sealed (BK)

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

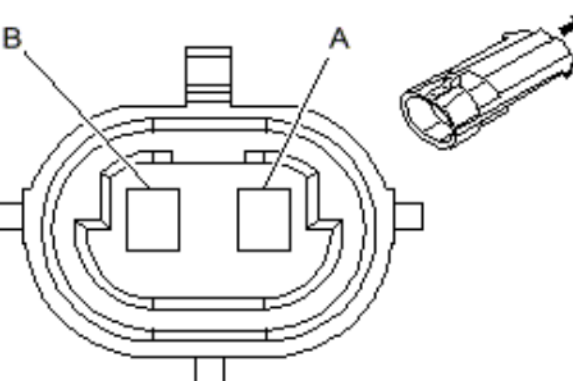
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	YE/BU	18	I	-	Left Rear Stop/Turn Lamp Control	1	0.75	YE/GN	18	II	-
2	0.5	YE/BK	5356	I	-	Left Tail Lamp Outage Detection Signal	2	0.5	YE/BK	5356	II	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-
5	0.75	VT/GY	709	I	-	Left Park Lamp Control	5	0.75	VT/GY	709	II	-
6	1.5	BK	1750	I	-	Ground	6	1.5	BK	1750	II	-

X416 REAR BUMPER HARNESS TO REAR CLEARANCE LAMPS HARNESS



Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 12052644
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series, Sealed (GY)



Connector Part Information

- Harness Type: Rear Clearance Lamps
- OEM Connector: 12162343
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 150 Metri-Pack Series (GY)

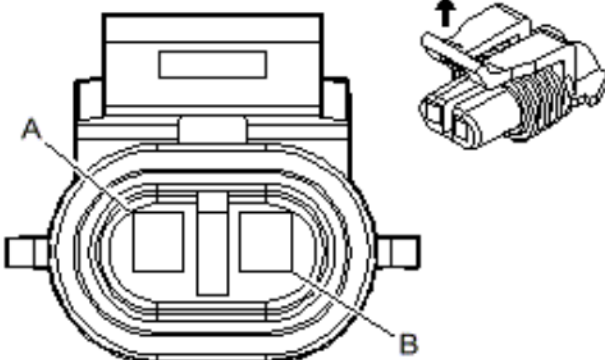
Terminal Part Information

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

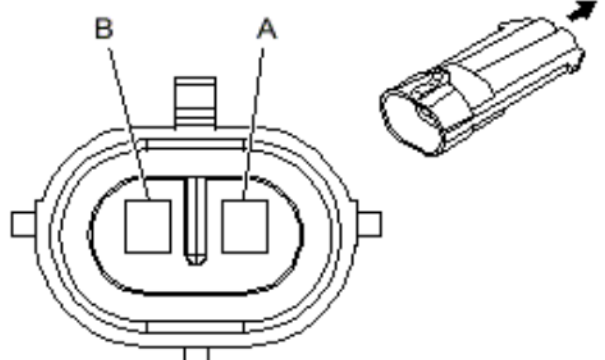
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	0.5	VT/GY	709	I	-	Left Park Lamp Control	A	0.5	VT/GY	709	II	-
B	0.5	BK	1750	I	-	Ground	B	0.5	BK	1750	II	-

X417 REAR BUMPER HARNESS TO REAR CLEARANCE LAMPS HARNESS



Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 12052641
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)



Connector Part Information

- Harness Type: Rear Clearance Lamps
- OEM Connector: 12162000
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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	GY/BN	309	I	-	Right Park Lamp Control	A	0.5	GY/BN	309	II	-
B	0.5	BK	1750	I	-	Ground	B	0.5	BK	1750	II	-

Article GUID: A00854579

2017 ELECTRICAL

Wiring Systems and Power Management - Inline Harness Connector End Views - Sierra, Silverado

INLINE HARNESS CONNECTOR END VIEWS

X420 TAIL LAMP - RIGHT HARNESS TO CHASSIS HARNESS (2500/3500)

Connector Part Information

- Harness Type: Tail Lamp - Right
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33171739
- Service Connector: 19333224
- Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
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	GY/BN	309	I	-	Right Park Lamp Control	1	0.75	GY/BN	309	II	-
2 - 3	-	-	-	-	-	Not Occupied	2 - 3	-	-	-	-	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-
5	0.75	BN/GN	19	I	-	Right Rear Stop/Turn Lamp Control	5	0.75	BN/GN	19	II	-
6	1.5	BK	2150	I	-	Ground	6	1.5	BK	2150	II	-

X420 TAIL LAMP - RIGHT HARNESS TO CHASSIS HARNESS (LIGHT DUTY+ZDY)

Connector Part Information

- Harness Type: Tail Lamp - Right
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33180058
- Service Connector: Not Available

Terminal Part Information

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	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	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	0.75	GY/BN	309	I	-	Right Park Lamp Control	1	0.75	GY/BN	309	II	-
2	0.5	VT/YE	5357	I	-	Right Tail Lamp Outage Detection Signal	2	0.5	VT/YE	5357	II	-
3	1.5	BK	2150	I	-	Ground	3	1.5	BK	2150	III	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-
5	0.75	BN/GN	19	I	-	Right Rear Stop/Turn Lamp Control	5	0.75	BN/GN	19	II	-
6	0.5	VT/GY	1054	I	-	Stop Lamp Control	6	0.5	VT/GY	1054	II	-
7	0.75	WH/BN	158	I	-	Cargo Lamp Switch Signal	7	0.75	WH/BN	158	II	-
8	0.5	BN/WH	1429	I	-	Standing Lamp Relay Control	8	0.5	BN/WH	1429	II	-
9	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	9	0.75	WH/VT	1430	II	-
10	0.75	RD/GN	968	I	-	-	10	0.75	RD/GN	968	II	-
11	0.5	GY/GN	6190	I	-	Lift Glass/Rear Compartment Lid Exterior Release Signal	11	0.5	GY/GN	6190	II	-
12	1	BK	1450	I	-	Ground	12	1	BK	1450	II	-

X420 TAIL LAMP - RIGHT HARNESS TO CHASSIS HARNESS (1500-ZYD)

Connector Part Information

- Harness Type: Tail Lamp - Right
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33162427
- Service Connector: 19333223
- Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
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	GY/BN	309	I	-	Right Park Lamp Control	1	0.75	GY/BN	309	II	-
2	0.5	VT/YE	5357	I	-	Right Tail Lamp Outage Detection Signal	2	0.5	VT/YE	5357	II	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	GN/WH	24	I	-	Backup Lamp Control	4	0.75	GN/WH	24	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
5	0.75	BN/GN	19	I	-	Right Rear Stop/Turn Lamp Control	5	0.75	BN/GN	19	II	-
6	1.5	BK	2150	I	-	Ground	6	1.5	BK	2150	II	-

X455 LEFT TAIL LAMP HARNESS TO LEFT BIN JUMPER HARNESS (ZYD)

Connector Part Information

- Harness Type: Left Tail Lamp
- OEM Connector: 10846802
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5 YESC Kaizen Series (L-GY)

Connector Part Information

- Harness Type: Left Bin Jumper
- OEM Connector: 10847035
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 1.5 YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	YE	9003	I	-	Lift Glass/Rear Compartment Lid Exterior Release Signal	1	0.5	YE	9003	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	WH/BN	6815	I	-	Inadvertent Power Control	3	0.75	WH/BN	6815	II	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	6	0.75	WH/VT	1430	II	-
7	1	BK	1450	I	-	Ground	7	1	BK	1450	II	-
8	0.75	YE/BN	967	I	-	Configurable Provision 3 Control	8	0.75	YE/BN	967	II	-

X456 RIGHT TAIL LAMP HARNESS TO RIGHT BIN JUMPER HARNESS (ZYD)

Connector Part Information

- Harness Type: Right Tail Lamp
- OEM Connector: 10846802
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5 YESC Kaizen Series (L-GY)

Connector Part Information

- Harness Type: Right Bin Jumper
- OEM Connector: 10847035
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 1.5 YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	GY/GN	6190	I	-	Lift Glass/Rear Compartment Lid Exterior Release Signal	1	0.5	GY/GN	6190	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	WH/BN	6815	I	-	Inadvertent Power Control	3	0.75	WH/BN	6815	II	-
4 - 6	-	-	-	-	-	Not Occupied	4 - 6	-	-	-	-	-
7	1	BK	1450	I	-	Ground	7	1	BK	1450	II	-
8	0.75	RD/GN	968	I	-	Configurable Provision 4 Control	8	0.5	RD/GN	968	II	-

X457 CHMSL JUMPER HARNESS TO RIGHT BIN JUMPER (ZYD)

Connector Part Information

- Harness Type: CHMSL Jumper
- OEM Connector: 13591334
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

Connector Part Information

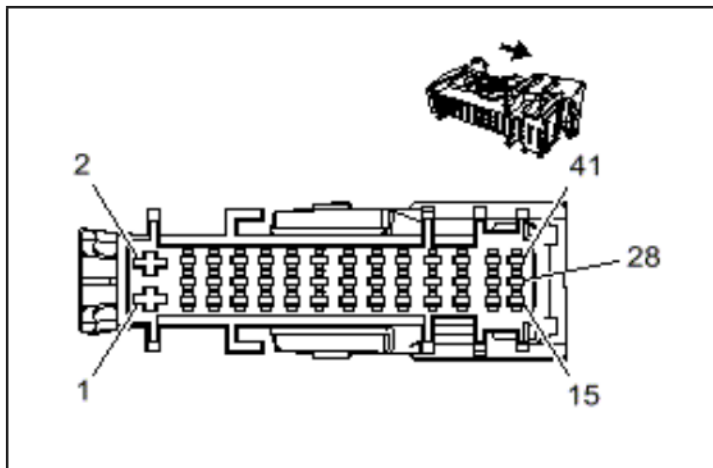
- Harness Type: Right Bin Jumper
- OEM Connector: 13591337
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

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

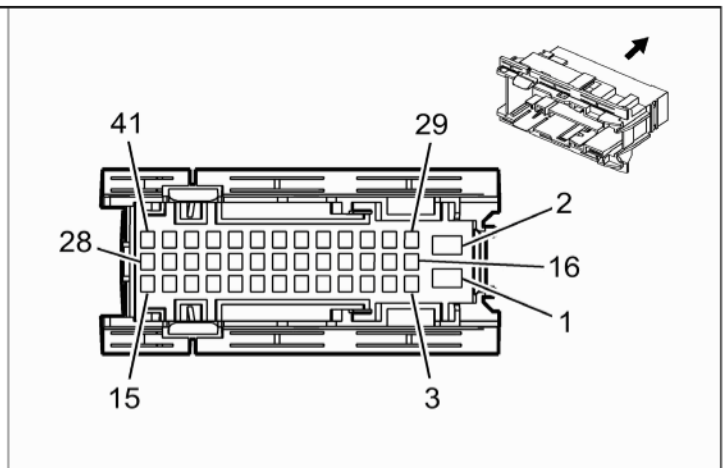
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/GY	1054	I	-	Stop Lamp Control	1	0.5	VT/GY	1054	II	-
2	0.5	BK	1450	I	-	Ground	2	0.5	BK	1450	II	-

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)

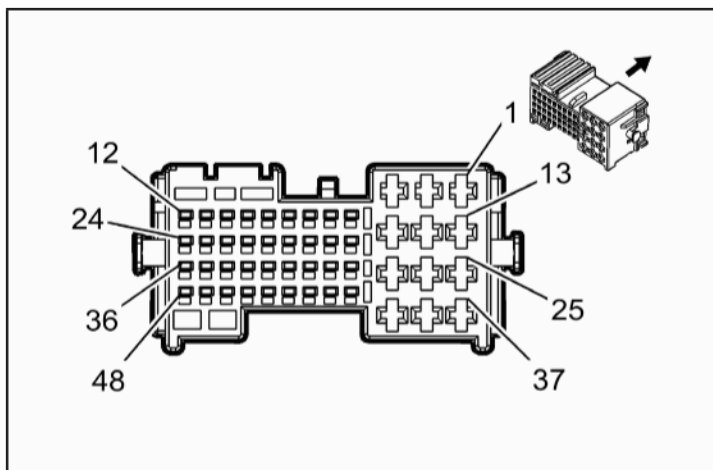
Terminal Part Information

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	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
V	13575706	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VIII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
IX	13575857	J-35616-41 (BU)	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	2.5	RD/BU	1842	II	-	Battery Positive Voltage	1	2.5	RD/BU	1842	IX	-
2	3	BK	1150	II	-	Ground	2	4	BK	1150	V	-
3	0.5	GY/WH	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	3	0.5	GY/GN	5996	IV	-
4	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	4	0.5	WH	3398	VII	-
5	0.35	YE/BK	1690	I	-	Automatic Day/Night Mirror Signal	5	0.35	YE/WH	1690	VI	-
6	0.35	BK/YE	1691	I	-	Automatic Day/Night Mirror Low Reference	6	0.35	BK/YE	1691	VI	-
7	0.35 0.5	BU/GN WH/GN	614 3412	I I	A45 DL3/DQS-A45	Memory Seat Switch Set Signal Driver Mirror Motor Fold In Control	7	0.35 0.5	BU/GN WH/GN	614 3412	VI VII	A45 DL3/DQS-A45
8	0.35 0.5	WH GY/WH	615 3411	I I	A45 DL3/DQS-A45	Memory Seat Switch Signal 1 Driver Mirror Motor Fold Out Control	8	0.35 0.5	WH GY/WH	615 3411	VI VII	A45 DL3/DQS-A45
9	0.5	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	9	0.5	WH/VT	1430	VII	-
10	1	BU	201	I	-	Left Front Speaker Control (+) 1	10	0.75 1	BU BU	201 201	VIII III	UQ3/UQ5 UQA/UQG/UQS
11	0.5	VT/GY	709	I	-	Left Park Lamp Control	11	0.5	VT/GY	709	VII	-
12	0.35	GY	745	I	-	Left Front Door Ajar Switch Signal	12	0.35	GY	745	VI	-
13	0.35	WH/VT	3270	I	-	Driver Door Lock Motor Status Signal	13	0.35 0.35	WH/VT WH/VT	3270 3270	IV VI	REGULAR CAB/EXTENDED CAB/CREW CAB -REGULAR CAB

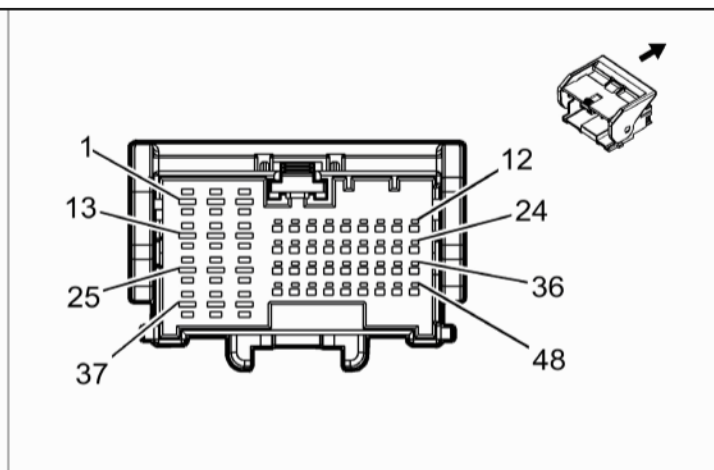
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
14	0.5	OG/GN	2132	I	-	Left Front Side Impact Sensing Module Signal	14	0.35	OG/GN	2132	VI	-
15	0.5	BK/OG	6628	I	-	Left Front Side Impact Sensing Module Low Reference	15	0.35	BK/OG	6628	VI	-
16	0.35	WH	6816	I	-	Indicator Dimming Control	16	0.5	WH	6816	VII	-
17	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	17	0.35	BN/WH	781	VI	-
18	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	18	0.35	BN/YE	780	VI	-
19	0.75	BN/BK	294	I	-	Door Lock Actuator Unlock Control	19	0.75	BN/YE	294	VIII	-
20	0.75	GY	5911	I	-	Door Lock Actuator Lock Control 2	20	0.75	GY	5911	VIII	-
21	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	21	0.35	BK/BU	5978	VI	-
22	-	-	-	-	-	Not Occupied	22	-	-	-	-	-
23	1	BN/BU	118	I	-	Left Front Speaker Signal (-) 1	23	0.75 1	BN/BU BN/BU	118 118	VIII III	UQ3/UQ5 UQA/UQG/UQS
24 - 25	-	-	-	-	-	Not Occupied	24 - 25	-	-	-	-	-
26	0.35	BU/VT	1124	I	-	Door Lock Key Switch Unlock Signal	26	0.35 0.35	BU/VT BU/VT	1124 1124	IV VI	REGULAR CAB/EXTENDED CAB/CREW CAB -REGULAR CAB
27 - 28	-	-	-	-	-	Not Occupied	27 - 28	-	-	-	-	-
29	0.35	YE	6817	I	-	LED Backlight Dimming Control	29	0.35	YE	6817	VI	-
30	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	30	0.35	WH/YE	7557	VI	-
31	0.5	BN/OG	2267	I	-	Mirror Heating Element Control	31	0.5	BN/YE	2267	VII	-
32	0.35	GY	5697	I	-	Child Lockout Indicator Control	32	0.35	GY	5697	VI	-
33	0.5	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	33	0.5	GN/YE	6134	IV	-
34	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	34	0.5	GN/WH	7530	VII	-
35	0.35	BN/RD	3265	I	-	Child Security Lock Switch Signal	35	0.35	YE/BN	3265	VI	-
36	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	36	0.5	GN/BK	3396	VII	-
37	-	-	-	-	-	Not Occupied	37	-	-	-	-	-
38	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	38	0.5	YE/VT	3397	VII	-
39	-	-	-	-	-	Not Occupied	39	-	-	-	-	-
40	0.5	RD/VT	1940	I	-	Battery Positive Voltage	40	0.5	RD/VT	1940	VII	-
41	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	41	0.75	BU/WH	1314	VIII	-

X505 DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS ()



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13889713
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F 1.2 MCON, 2.8 MCP Series



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 15512031
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way M 1.2 MCON, 2.8 MCP Series (BK)

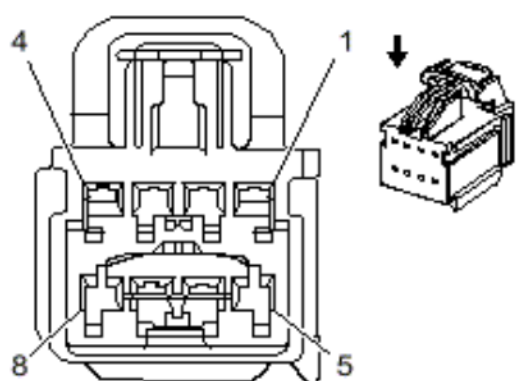
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-13 (BU)	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
1	0.35	YE	6817	II	-	LED Backlight Dimming Control	1	0.35	YE	6817	IV	-
2	0.35	WH/YE	7557	II	-	LED Ambient Lighting Control 1	2	0.35	WH/YE	7557	IV	-
3	0.35	WH	6816	II	-	Indicator Dimming Control	3	0.35	WH	6816	IV	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.5	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	5	0.75	BN/BK	3389	III	-
6	0.5	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	6	0.75	VT/BU	3390	III	-
7	0.5	YE/BN	3391	I	-	Driver Mirror Motor Common Control	7	0.75	YE/BN	3391	III	-
8	0.5	GY/WH	3411	I	-	Driver Mirror Motor Fold Out Control	8	0.75	GY/WH	3411	III	-
9	0.5	WH/GN	3412	I	-	Driver Mirror Motor Fold In Control	9	0.75	WH/GN	3412	III	-
10	0.35	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	10	0.35	GY/BN	3394	III	-
11	0.5	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	11	0.75	BN/BK	3389	III	-
12	0.35	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	12	0.35	VT/RD	3392	III	-
13	0.35	WH/YE	3395	II	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	13	0.35	WH/YE	3395	IV	-
14	0.35	BK/BN	3393	II	-	Driver Mirror Position Sensor Low Reference	14	0.35	BK/BN	3393	IV	-
15 - 16	-	-	-	-	-	Not Occupied	15 - 16	-	-	-	-	-
17	0.5	BK	1150	I	-	Ground	17	0.35	BK	1150	III	-
18 - 21	-	-	-	-	-	Not Occupied	18 - 21	-	-	-	-	-
22	0.5	RD/VT	1940	I	-	Battery Positive Voltage	22	0.5	RD/VT	1940	III	-
23	0.75	BK	1150	I	-	Ground	23	0.75	BK	1150	III	-
24	-	-	-	-	-	Not Occupied	24	-	-	-	-	-
25	0.5	GY/WH	3411	II	-	Driver Mirror Motor Fold Out Control	25	0.75	GY/WH	3411	IV	-

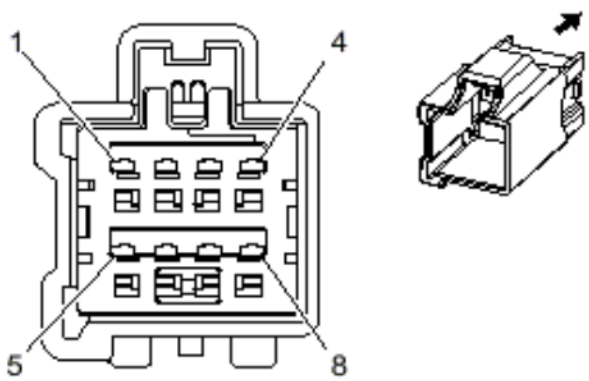
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
26	0.5	WH/GN	3412	II	-	Driver Mirror Motor Fold In Control	26	0.75	WH/GN	3412	IV	-
27 - 28	-	-	-	-	-	Not Occupied	27 - 28	-	-	-	-	-
29	0.35	GY	1136	I	-	Power Window Master Switch Left Front Down Signal	29	0.35	GY	1136	III	-
30	0.35	GN/WH	1300	I	-	Power Window Master Switch Left Front Up Signal	30	0.35	GN/WH	1300	III	-
31	0.35	GN/VT	7628	I	-	Power Window Motor Left Front Express Control	31	0.35	GN/VT	7628	III	-
32	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	32	0.35	BK/BU	5978	III	-
33	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	33	0.35	BU/GN	614	III	-
34	0.35	WH	615	I	-	Memory Seat Switch Signal 1	34	0.35	WH	615	III	-
35	-	-	-	-	-	Not Occupied	35	-	-	-	-	-
36	0.5	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	36	0.5	GN/YE	6134	III	-
37	0.5	GN/WH	7530	II	-	Local Interconnect Network Serial Data Bus 8	37	0.5	GN/WH	7530	IV	-
38 - 39	-	-	-	-	-	Not Occupied	38 - 39	-	-	-	-	-
40	0.35	BN/RD	3265	I	-	Child Security Lock Switch Signal	40	0.35	YE/BN	3265	III	-
41	0.35	WH/VT	3270	I	-	Driver Door Lock Motor Status Signal	41	0.35	WH/VT	3270	III	-
42	0.5	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	42	0.75	GN/BK	3396	III	-
43	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	43	0.75	YE/VT	3397	III	-
44	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	44	0.75	WH	3398	III	-
45	0.35	GY	5697	I	-	Child Lockout Indicator Control	45	0.35	GY	5697	III	-
46	0.35	BU/VT	1124	I	-	Door Lock Key Switch Unlock Signal	46	0.35	BU/VT	1124	III	-
47	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	47	0.35	BN/WH	781	III	-
48	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	48	0.35	BN/YE	780	III	-

X506 DRIVER DOOR TRIM HARNESS TO DRIVER DOOR HARNESS



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 10846802
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5 YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 10847035
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 1.5 YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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ID							
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 - 3	-	-	-	-	-	Not Occupied	1 - 3	-	-	-	-	-
4	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	4	0.35	BN/YE	780	II	-
5	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	5	0.35	BN/WH	781	II	-
6	0.35	YE	6817	I	-	LED Backlight Dimming Control	6	0.35	YE	6817	II	-
7	0.35	BK	1150	I	-	Ground	7	0.5	BK	1150	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

XS10 DRIVER DOOR TRIM HARNESS TO DRIVER DOOR HARNESS

Connector Part Information • Harness Type: Driver Door Trim • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: F	Connector Part Information • Harness Type: Driver Door • OEM Connector: 13888973 • Service Connector: Service by Harness - See Part Catalog • Description: M
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Terminal Part Information

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 0.5	GY/WH VT/GY	5996 709	I I	DL3 DQS/DPN	Driver Outside Rear View Mirror Puddle Lamp Control Left Park Lamp Control	1	0.5 0.5	GY/WH VT/GY	5996 709	II II	DL3 DQS/DPN
2	0.35 0.5	YE/BK WH/VT	1690 1430	I I	DL3 DQS/DPN	Automatic Day/Night Mirror Signal Exterior Courtesy Lamp Control	2	0.5 0.35	WH/VT YE/BK	1430 1690	II II	DL3 DQS/DPN
3	0.35	BK/BN	3393	I	-	Driver Mirror Position Sensor Low Reference	3	0.35	BK/BN	3393	II	-
4	0.5	GY/WH	3411	I	-	Driver Mirror Motor Fold Out Control	4	0.5	GY/WH	3411	II	-
5	0.5	BK	1150	I	-	Ground	5	0.5	BK	1150	II	-
7	0.35	WH/YE	3395	I	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	7	0.35	WH/YE	3395	II	-
8	0.5	BN/OG	2267	I	-	Mirror Heating Element Control	8	0.5	BN/OG	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	0.5	BK	1150	I	-	Ground	11	0.5	BK	1150	II	-
12	0.5	YE/BN	3391	I	-	Driver Mirror Motor Common Control	12	0.5	YE/BN	3391	II	-
13	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	13	0.5	BU/WH	1314	II	-
14	0.35	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	14	0.35	GY/BN	3394	II	-
16	0.35	BK/YE	1691	I	-	Automatic Day/Night Mirror Low Reference	16	0.35	BK/YE	1691	II	-
17	0.35	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	17	0.35	VT/RD	3392	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
18	0.5	WH/GN	3412	I	-	Driver Mirror Motor Fold In Control	18	0.5	WH/GN	3412	II	-

X600 PASSENGER DOOR HARNESS TO BODY HARNESS ()

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

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	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	C	A
V	13575775	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
VIII	13575857	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	13582220	J-35616-14 (GN)	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	2.5	RD/WH	1340	II	-	Battery Positive Voltage	1	2.5	RD/WH	1340	VIII	-
2	2.5	BK	1250	II	-	Ground	2	2.5	BK	1250	IX	-
3	0.5	GY/L-GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	3	0.5	GY/L-GN	5996	VI	-
4	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	4	0.5	WH	3398	VI	-
5 - 6	-	-	-	-	-	Not Occupied	5 - 6	-	-	-	-	-
7	0.5	WH/L-GN	3412	I	-	Driver Mirror Motor Fold In Control	7	0.5	WH/L-GN	3412	VI	-
8	0.5	GY/WH	3411	I	-	Driver Mirror Motor Fold Out Control	8	0.5	GY/WH	3411	VI	-
9	0.5	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	9	0.5	WH/VT	1430	VI	-
10	1	YE/BK	117	I	-	Right Front Speaker Signal (-) 1 Right Front Speaker Signal (-) 1	10	0.75 1	YE/BK YE/BK	117 117	VII IV	UQ3/UQ5 UQ3
11	0.5	GY/BN	309	I	-	Right Park Lamp Control	11	0.5	GY/BN	309	VI	-
12	0.35	GY	746	I	-	Right Front Door Ajar Switch Signal	12	0.35	GY	746	V	-
13	-	-	-	-	-	Not Occupied	13	-	-	-	-	-
14	0.5	OG/L-GN	2134	I	-	Right Front Side Impact Sensing Module Signal	14	0.35	BN/OG	2134	V	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
15	0.5	BK/OG	6629	I	-	Right Front Side Impact Sensing Module Low Reference	15	0.35	BK/OG	6629	V	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	17	0.35	BN/VT	245	V	-
18	0.35	YE/BK	244	I	-	Passenger Door Lock Switch Lock Control	18	0.35	YE/VT	244	V	-
19	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	19	0.75	BN/YE	294	VII	-
20	0.75	GY	295	I	-	Door Lock Actuator Lock Control	20	0.75	GY	295	VII	-
21	0.5	BK/D-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	21	0.35	BK/D-BU	61	V	-
22	-	-	-	-	-	Not Occupied	22	-	-	-	-	-
23	1	YE	200	I	-	Right Front Speaker Control (+) 1 Right Front Speaker Control (+) 1	23	0.75 1	YE YE	200 200	VII III	UQ3/UQ5 UQ3
24	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	24	0.35	D-BU/GY	636	V	-
25 - 28	-	-	-	-	-	Not Occupied	25 - 28	-	-	-	-	-
29	0.35	YE	6817	I	-	LED Backlight Dimming Control	29	0.5	YE	6817	VI	-
30	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	30	0.35	WH/YE	7557	V	-
31	0.5	BN/OG	2267	I	-	Mirror Heating Element Control	31	0.5	BN/YE	2267	VI	-
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	0.5	L-GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	33	0.5	L-GN/YE	6134	VI	-
34	0.5	L-GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	34	0.5	L-GN/WH	7530	VI	-
35	-	-	-	-	-	Not Occupied	35	-	-	-	-	-
36	0.5	L-GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	36	0.5	L-GN/BK	3396	VI	-
37	-	-	-	-	-	Not Occupied	37	-	-	-	-	-
38	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	38	0.5	YE/VT	3397	VI	-
39 - 40	-	-	-	-	-	Not Occupied	39 - 40	-	-	-	-	-
41	0.5	L-GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	41	0.75	L-GN/VT	1315	VII	-

X605 PASSENGER DOOR HARNESS TO PASSENGER DOOR TRIM HARNESS

Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13889713
- Service Connector: Service by Harness - See Part Catalog

Connector Part Information

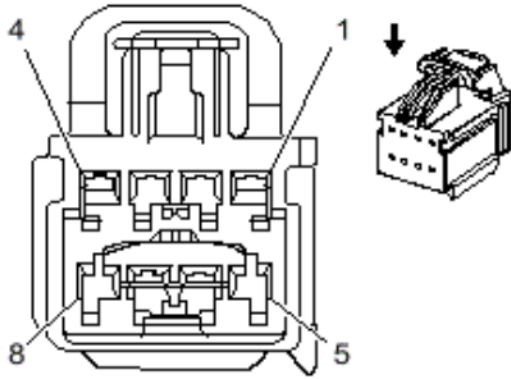
- Harness Type: Passenger Door Trim
- OEM Connector: 15512031
- Service Connector: Service by Harness - See Part Catalog

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	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-13 (BU)	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

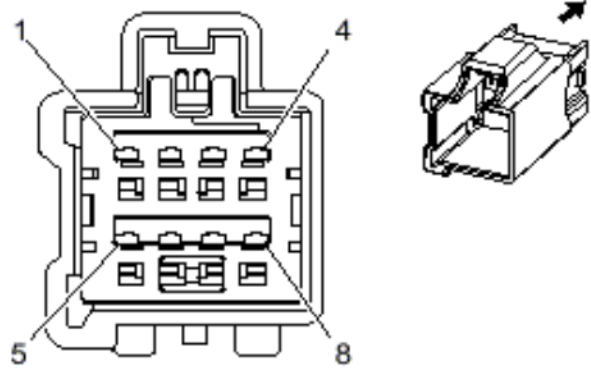
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	YE	6817	II	-	LED Backlight Dimming Control	1	0.35	YE	6817	IV	-
2	0.35	WH/YE	7557	II	-	LED Ambient Lighting Control 1	2	0.35	WH/YE	7557	IV	-
3 - 5	-	-	-	-	-	Not Occupied	3 - 5	-	-	-	-	-
6	0.5	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	6	0.75	YE/VT	3397	III	-
7	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	7	0.75	WH	3398	III	-
8	0.5	YE/GY	3413	I	-	Passenger Mirror Motor Fold Out Control	8	0.75	YE/WH	3413	III	-
9	0.5	D-BU/GY	3414	I	-	Passenger Mirror Motor Fold In Control	9	0.75	D-BU/GY	3414	III	-
10	0.35	D-BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	10	0.35	D-BU/YE	3401	III	-
11	0.5	L-GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	11	0.75	L-GN/BK	3396	III	-
12	0.35	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	12	0.35	YE/RD	3399	III	-
13	0.35	VT/WH	3403	II	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	13	0.35	VT/WH	3403	IV	-
14	0.35	BK/L-GN	3400	II	-	Passenger Mirror Position Sensor Low Reference	14	0.35	BK/L-GN	3400	IV	-
15	2.5	BK	1250	II	-	Ground	15	2.5	BK	1250	IV	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.5	BK	1250	I	-	Ground	17	0.35	BK	1250	III	-
18 - 24	-	-	-	-	-	Not Occupied	18 - 24	-	-	-	-	-
25	2.5	L-GN/GY	3387	II	-	Power Window Motor Passenger Up Control	25	2.5	L-GN/GY	3387	IV	-
26	2.5	YE/D-BU	3388	II	-	Power Window Motor Passenger Down Control	26	2.5	YE/D-BU	3388	IV	-
27	2.5	RD/WH	1340	II	-	Battery Positive Voltage	27	2.5	RD/WH	1340	IV	-
28 - 35	-	-	-	-	-	Not Occupied	28 - 35	-	-	-	-	-
36	0.5	L-GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	36	0.5	L-GN/YE	6134	III	-
37	0.5	L-GN/WH	7530	II	-	Local Interconnect Network Serial Data Bus 8	37	0.5	L-GN/WH	7530	IV	-
38 - 45	-	-	-	-	-	Not Occupied	38 - 45	-	-	-	-	-
46	0.35	GY	746	I	-	Right Front Door Ajar Switch Signal	46	0.35	GY	746	III	-
47	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	47	0.35	BN/VT	245	III	-
48	0.35	YE/BK	244	I	-	Passenger Door Lock Switch Lock Control	48	0.35	YE/VT	244	III	-

X606 PASSENGER DOOR TRIM HARNESS TO PASSENGER DOOR HARNESS



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: 10846802
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5 YESC Kaizen Series (L-GY)



Connector Part Information

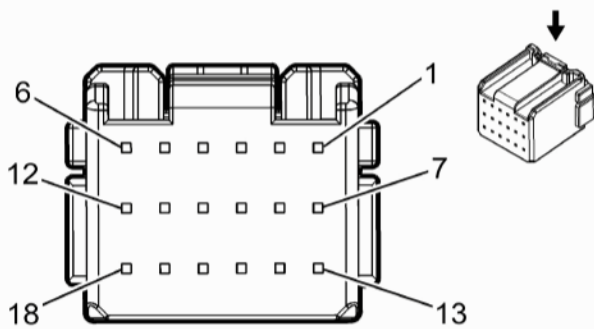
- Harness Type: Passenger Door
- OEM Connector: 10847035
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 1.5 YESC Kaizen Series (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (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

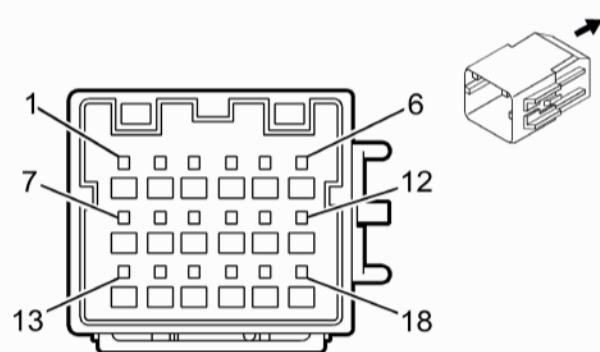
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 3	-	-	-	-	-	Not Occupied	1 - 3	-	-	-	-	-
4	0.35	YE/VT	244	I	-	Passenger Door Lock Switch Lock Control	4	0.35	YE/BK	244	II	-
5	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	5	0.35	BN/VT	245	II	-
6	0.35	YE	6817	I	-	LED Backlight Dimming Control	6	0.35	YE	6817	II	-
7	0.35	BK	1250	I	-	Ground	7	0.5	BK	1250	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X610 PASSENGER DOOR TRIM HARNESS TO PASSENGER DOOR HARNESS ()



Connector Part Information

- Harness Type: Passenger Door Trim
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way F



Connector Part Information

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

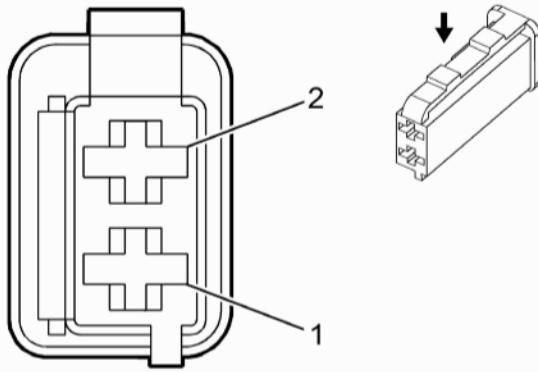
Terminal Part Information

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

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

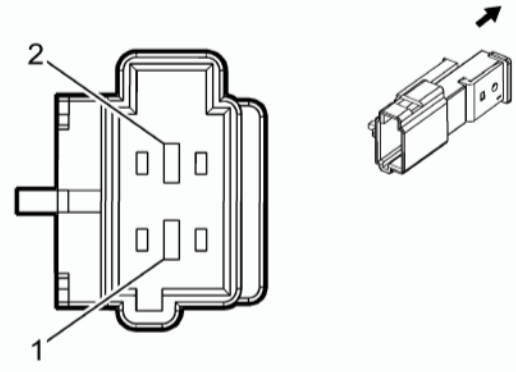
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5 0.5	GY/L-GN GY/BN	5996 309	I I	DL3 DQS/DPN	Driver Outside Rear View Mirror Puddle Lamp Control Right Park Lamp Control	1	0.5 0.5	GY/L-GN GY/BN	5996 309	II II	DL3 DQS/DPN
2	0.5	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	2	0.5	WH/VT	1430	II	-
3	0.35	BK/L-GN	3400	I	-	Passenger Mirror Position Sensor Low Reference	3	0.35	BK/L-GN	3400	II	-
4	0.5 0.5	GY/WH YE/GY	3411 3413	I I	&DL3/DL8 /DPN/DQS/DR4-A45 A45+DL3/DQS	Driver Mirror Motor Fold Out Control Passenger Mirror Motor Fold Out Control	4	0.5 0.5	GY/WH YE/GY	3411 3413	II II	&DL3/DL8 /DPN/DQS/DR4-A45 A45+DL3/DQS
5	0.5	BK	1250	I	-	Ground	5	0.5	BK	1250	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	VT/WH	3403	I	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	7	0.35	VT/WH	3403	II	-
8	0.5	BN/OG	2267	I	-	Mirror Heating Element Control	8	0.5	BN/OG	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	L-GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	10	0.5	L-GN/BK	3396	II	-
11	0.5	BK	1250	I	-	Ground	11	0.5	BK	1250	II	-
12	0.5	WH	3398	I	-	Passenger Mirror Motor Common Control	12	0.5	WH	3398	II	-
13	0.5	L-GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	13	0.5	L-GN/VT	1315	II	-
14	0.35	D-BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	14	0.35	D-BU/YE	3401	II	-
15	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	15	0.5	D-BU/GY	636	II	-
16	0.5	BK/D-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	16	0.5	BK/D-BU	61	II	-
17	0.35	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	17	0.35	YE/RD	3399	II	-
18	0.5 0.5	D-BU/GY WH/L-GN	3414 3412	I I	A45+DL3/DQS DL3/DL8/DPN/DQS /DR4-A45	Passenger Mirror Motor Fold In Control Driver Mirror Motor Fold In Control	18	0.5 0.5	D-BU/GY WH/L-GN	3414 3412	II II	A45+DL3/DQS DL3/DL8/DPN/DQS /DR4-A45

X611 OUTSIDE REAR VIEW MIRROR HARNESS TO PASSENGER DOOR HARNESS



Connector Part Information

- Harness Type: Outside Rear View Mirror
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F



Connector Part Information

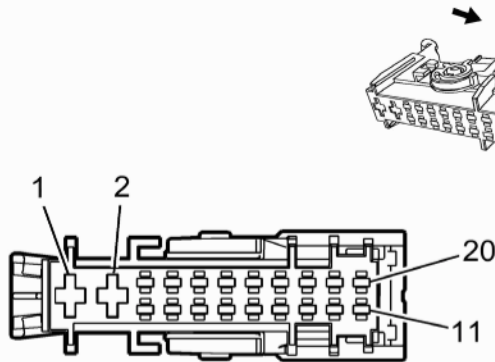
- Harness Type: Passenger Door
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

Terminal Part Information

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

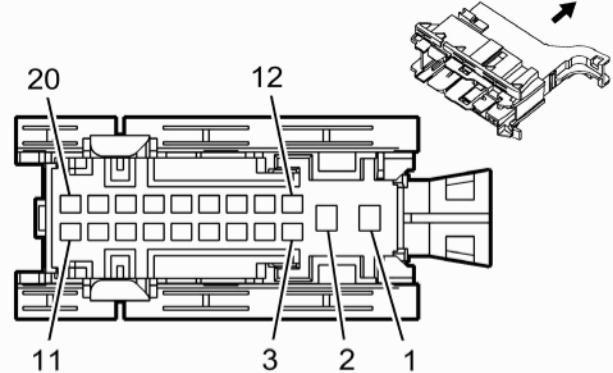
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	D-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	1	0.5	D-BU/GY	636	II	-
2	0.5	BK/D-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	2	0.5	BK/D-BU	61	II	-

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: 15539528
- Service Connector: 19329469
- Description: 20-Way M 1.5, 5.8 TTS Series (D-GY)

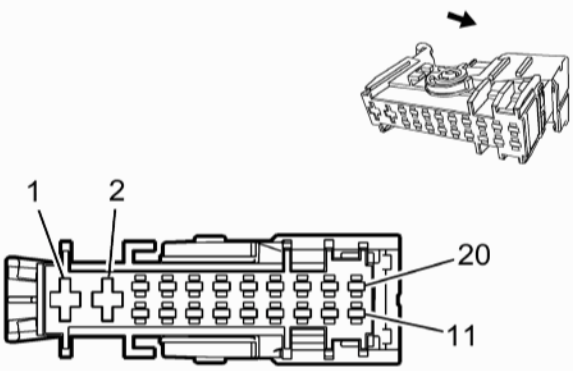
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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	13575706	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	13575775	J-35616-34 (YE)	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
VI	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VII	13575776	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
VIII	13575857	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available

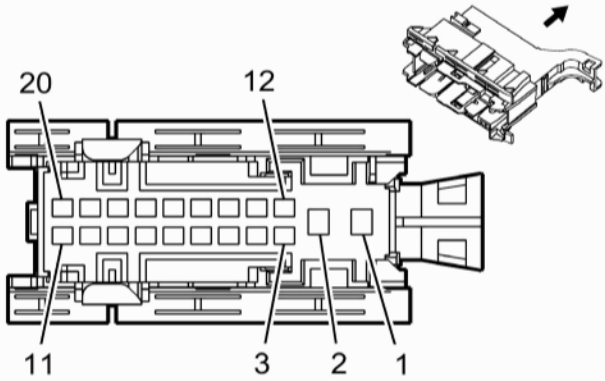
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	RD/D-BU	1842	II	-	Battery Positive Voltage	1	2.5	RD/D-BU	1842	VIII	-
2	3	BK	1150	II	-	Ground	2	4	BK	1150	IV	-
3 - 6	-	-	-	-	-	Not Occupied	3 - 6	-	-	-	-	-
7	1	L-GN	199	I	-	Left Rear Speaker Control (+)	7	0.5	L-GN	199	VI	UQ3
						Left Rear Speaker Control (+)		1	L-GN	199	III	UQA/UQG
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.75	WH/D-BU	3266	I	-	Child Security Lock Motor Lock Control	9	0.75	WH/D-BU	3266	VII	-
10	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	10	0.75	BN/YE	294	VII	-
11	0.75	GY	295	I	-	Door Lock Actuator Lock Control	11	0.75	GY	295	VII	-
12 - 15	-	-	-	-	-	Not Occupied	12 - 15	-	-	-	-	-
16	1	L-GN/BK	116	I	-	Left Rear Speaker Signal (-)	16	0.5	L-GN/BK	116	VI	UQ3
						Left Rear Speaker Signal (-)		1	L-GN/BK	116	III	UQA/UQG
17	0.5	OG/D-BU	6620	I	-	Left Middle Side Impact Sensing Module Signal	17	0.35	OG/D-BU	6620	V	-
18	0.5	BK/OG	6621	I	-	Left Middle Side Impact Sensing Module Low Reference	18	0.35	BK/OG	6621	V	-
19	0.35	BN/WH	3269	I	-	Child Security Lock Motor Status Signal Left Rear	19	0.35	BN/WH	3269	V	-
20	0.5	L-GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	20	0.5	L-GN/GY	6135	VI	-

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: 15539528
- Service Connector: 19329469
- Description: 20-Way M 1.5, 5.8 TTS Series (D-GY)

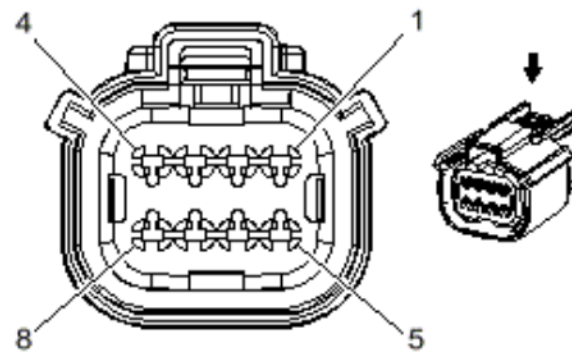
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
VII	13575857	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13582220	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available

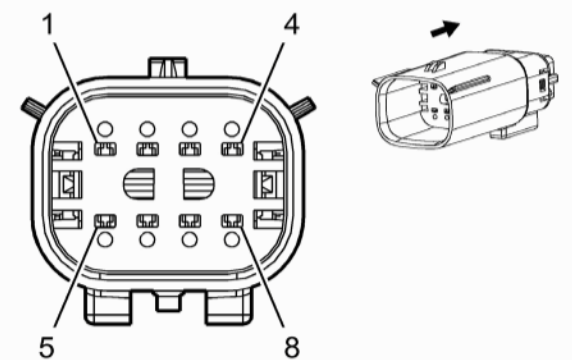
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	RD/WH	1340	II	-	Battery Positive Voltage	1	2.5	RD/WH	1340	VII	-
2	2.5	BK	1250	II	-	Ground	2	2.5	BK	1250	VIII	-
3 - 6	-	-	-	-	-	Not Occupied	3 - 6	-	-	-	-	-
7	1	WH	46	I	-	Right Rear Speaker Control (+) Right Rear Speaker Control (+)	7	0.5 1	WH WH	46 46	V III	UQ3 UQS/UQG/UQH
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.75	WH/D-BU	3266	I	-	Child Security Lock Motor Lock Control	9	0.75	WH/D-BU	3266	VI	-
10	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	10	0.75	BN/YE	294	VI	-
11	0.75	GY	295	I	-	Door Lock Actuator Lock Control	11	0.75	GY	295	VI	-
12 - 15	-	-	-	-	-	Not Occupied	12 - 15	-	-	-	-	-
16	1	D-BU/BK	115	I	-	Right Rear Speaker Signal (-) Right Rear Speaker Signal (-)	16	0.5 1	D-BU/BK D-BU/BK	115 115	V III	UQ3 UQS/UQG/UQH
17	0.5	OG/VT	6624	I	-	Right Middle Side Impact Sensing Module Signal	17	0.35	OG/VT	6624	IV	-
18	0.5	BK/OG	6625	I	-	Right Middle Side Impact Sensing Module Low Reference	18	0.35	BK/OG	6625	IV	-
19	0.35	GY/BK	3268	I	-	Child Security Lock Motor Status Signal Right Rear	19	0.35	GY/BK	3268	IV	-
20	0.5	L-GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	20	0.5	L-GN/GY	6135	V	-

X900 TAILGATE HARNESS TO CHASSIS HARNESS ()



Connector Part Information

- Harness Type: Tailgate
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F



Connector Part Information

- Harness Type: Chassis
- OEM Connector: 15456955
- Service Connector: 19300474
- 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	0.75	GY	295	I	-	Door Lock Actuator Lock Control	1	0.75	GY	295	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.5	GN	24	I	-	Backup Lamp Control	2	0.5	GN	24	II	-
3	0.5	GY/YE	6972	I	-	Camera Signal 2 +	3	0.5	GY/YE	6972	II	-
4	0.5	VT/GN	1739	I	-	Run/Crank Ignition 1 Voltage	4	0.5	VT/GN	1739	II	-
5	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	5	0.75	BN/YE	294	II	-
6	0.5	BK	6974	I	-	Camera Low Reference	6	0.5	BK	6974	II	-
7	0.5	BK	2550	I	-	Ground	7	0.5	BK	2550	II	-
8	0.5	WH/BU	6973	I	-	Camera Signal 2	8	0.5	WH/BU	6973	II	-

X901 REAR BUMPER HARNESS TO CHASSIS HARNESS

Connector Part Information

- Harness Type: Rear Bumper
- OEM Connector: 33177214
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 150 MX Series, Sealed (BK)

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33162428
- Service Connector: 19300393
- Description: 16-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	19119440	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	0.5	GY/BN	309	I	-	Right Park Lamp Control	1	0.75	GY/BN	309	II	-
2	0.5	VT/GY	709	I	-	Left Park Lamp Control	2	0.75	VT/GY	709	II	-
3	0.5	L-GN/YE	6846	I	-	Rear License Lamp Control	3	0.5	L-GN/YE	6846	II	-
4	0.5	L-GN/YE	6846	I	-	Rear License Lamp Control	4	0.5	L-GN/YE	6846	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.5	BK/GY	2379	I	-	Object Sensor Low Reference	6	0.5	BK/GY	2379	II	-
7	0.5	BN/WH	2374	I	-	Object Sensor Control	7	0.5	BN/WH	2374	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.5	YE	2375	I	-	Left Rear Corner Object Sensor Signal	9	0.5	YE	2375	II	-
10	0.5	YE/D-BU	2376	I	-	Left Rear Middle Object Sensor Signal	10	0.5	YE/D-BU	2376	II	-
11	0.5	YE/WH	2377	I	-	Right Rear Middle Object Sensor Signal	11	0.5	YE/WH	2377	II	-
12	0.5	YE/VT	2378	I	-	Right Rear Corner Object Sensor Signal	12	0.5	YE/VT	2378	II	-
13	0.5	BK	1750	I	-	Ground	13	0.5	BK	1750	II	-
14	0.5	BK	1750	I	-	Ground	14	0.5	BK	1750	II	-
15	0.5	BK	1750	I	-	Ground	15	0.5	BK	1750	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
16	0.5	BK	1750	I	-	Ground	16	0.5	BK	1750	II	-

X950 CHASSIS HARNESS TO BACK-UP ALARM HARNESS (8S3)

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13857223
- Service Connector: 13583927
- Description: 7-Way F 280, 630 Metri-Pack Series, Sealed (BK)

Connector Part Information

- Harness Type: Back up Alarm
- OEM Connector: 15317327
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way M 280 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	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-35616-43 (RD)	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
A	0.75	WH/GN	1624	II	-	Trailer Backup Lamp Control	A	1	GN	1624	IV	-
B	5	WH	22	I	-	Trailer Ground	B	5	WH	22	III	-
C	2.5	BU	47	II	-	Trailer Auxiliary Control	C	3	BU	47	IV	-
D	0.75	GN/VT	1619	II	-	Right Rear Trailer Stop/Turn Lamp Control	D	0.8	GN	1619	IV	-
E	4	RD/GN	742	II	-	Battery Positive Voltage	E	3	RD/BK	742	IV	-
F	1.5	GY/BN	2109	II	-	Trailer Park Lamp Control	F	1	BN	2109	IV	-
G	0.75	YE/GY	1618	II	-	Left Rear Trailer Stop/Turn Lamp Control	G	0.8	YE	1618	IV	-

X950 CHASSIS HARNESS TO CAMPER HARNESS (UY2)

Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13857223
- Service Connector: 13583927
- Description: 7-Way F 280, 630 Metri-Pack Series, Sealed (BK)

Connector Part Information

- Harness Type: Camper
- OEM Connector: 15317327
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way M 280 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	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-35616-43 (RD)	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
A	0.75	WH/L-GN	1624	II	-	Trailer Backup Lamp Control	A	0.75	WH/L-GN	1624	IV	-
B	5	WH	22	I	-	Trailer Ground	B	6	WH	22	III	-
C	2.5	D-BU	47	II	-	Trailer Auxiliary Control Trailer Auxiliary Control	C	4 2.5	D-BU D-BU	47 47	IV IV	-8S3 8S3
D	0.75	L-GN/VT	1619	II	-	Right Rear Trailer Stop/Turn Lamp Control	D	0.75	L-GN/VT	1619	IV	-
E	4	RD/L-GN	742	II	-	Battery Positive Voltage	E	4	RD/L-GN	742	IV	-
F	1.5	GY/BN	2109	II	-	Trailer Park Lamp Control	F	1.5	GY/BN	2109	IV	-
G	0.75	YE/GY	1618	II	-	Left Rear Trailer Stop/Turn Lamp Control	G	0.75	YE/GY	1618	IV	-

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