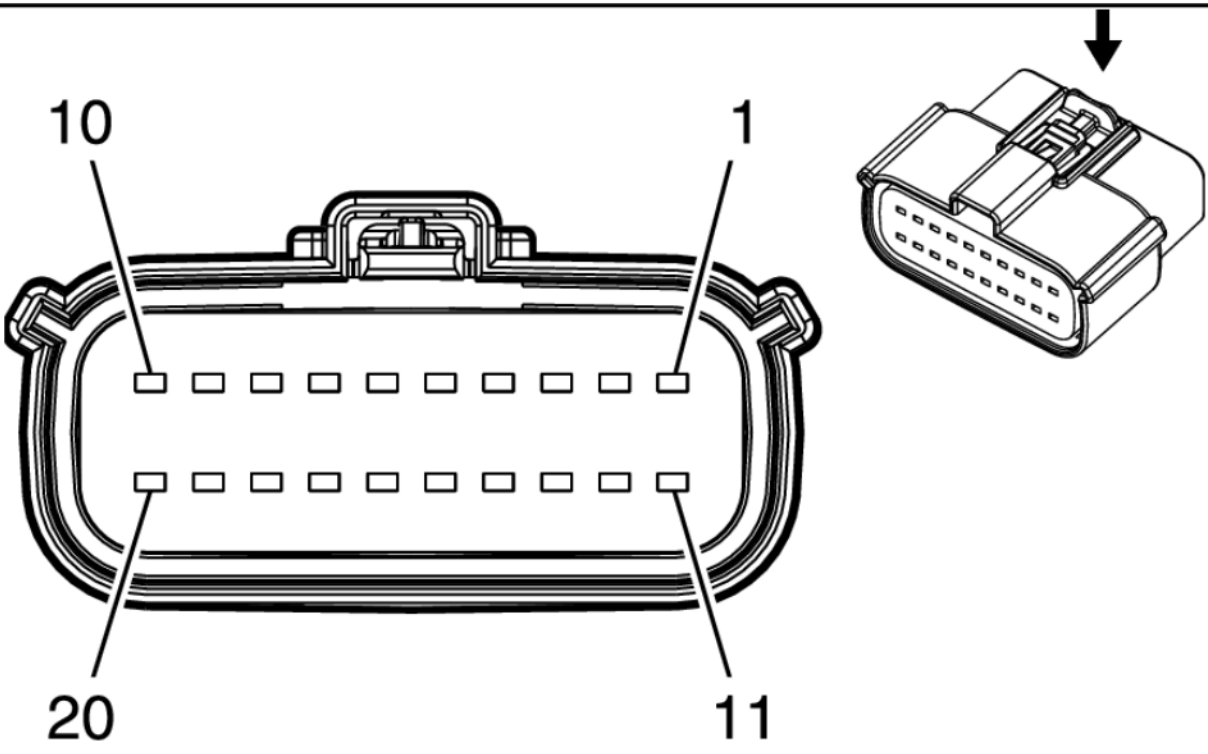


2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - CT6

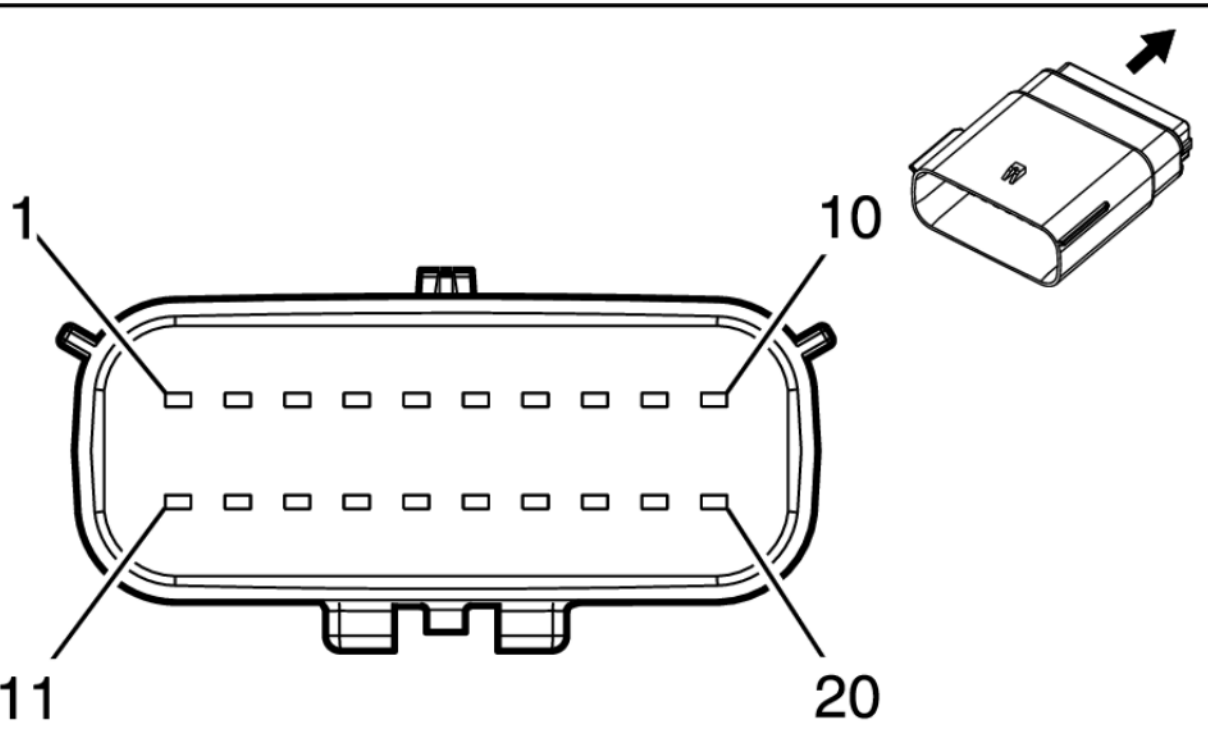
INLINE HARNESS CONNECTOR END VIEWS

X127 ENGINE HARNESS TO BODY HARNESS (LTG+HP9)



Connector Part Information

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



Connector Part Information

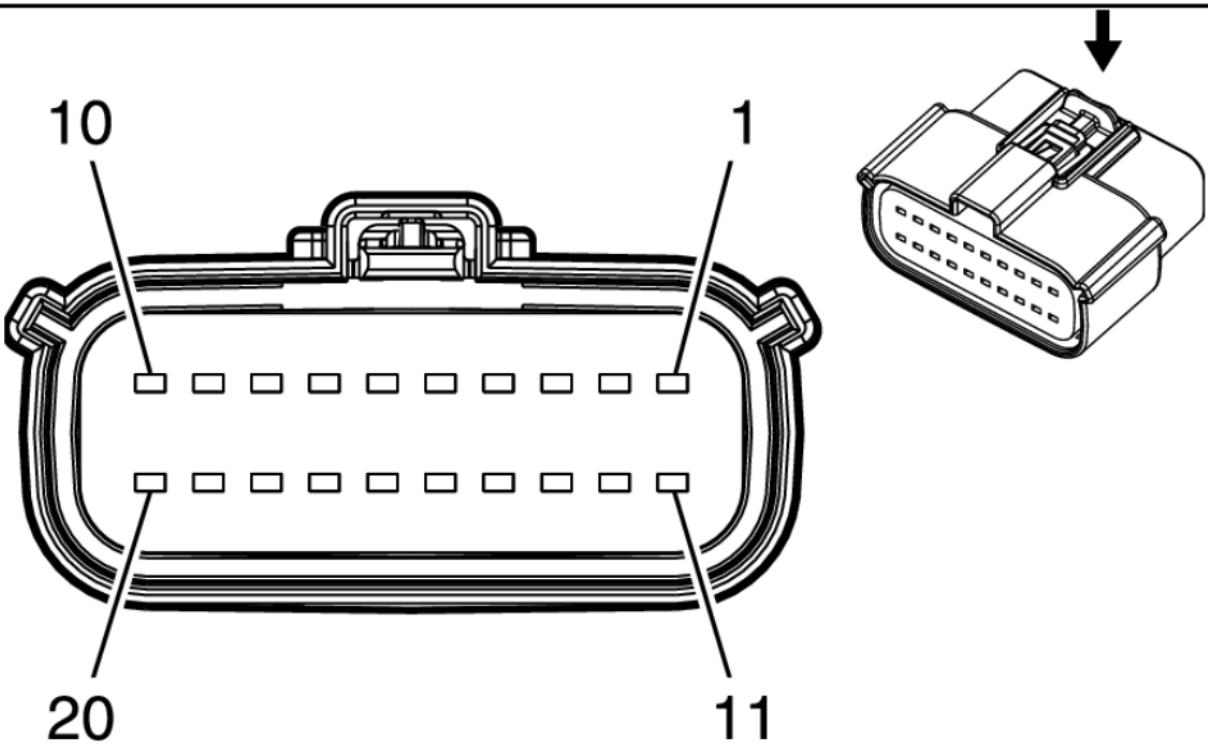
- Harness Type: Body
- OEM Connector: 33181044
- Service Connector: 19351705
- Description: 20-Way M 1.5 Series, Sealed (BK)

Terminal Part Information

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

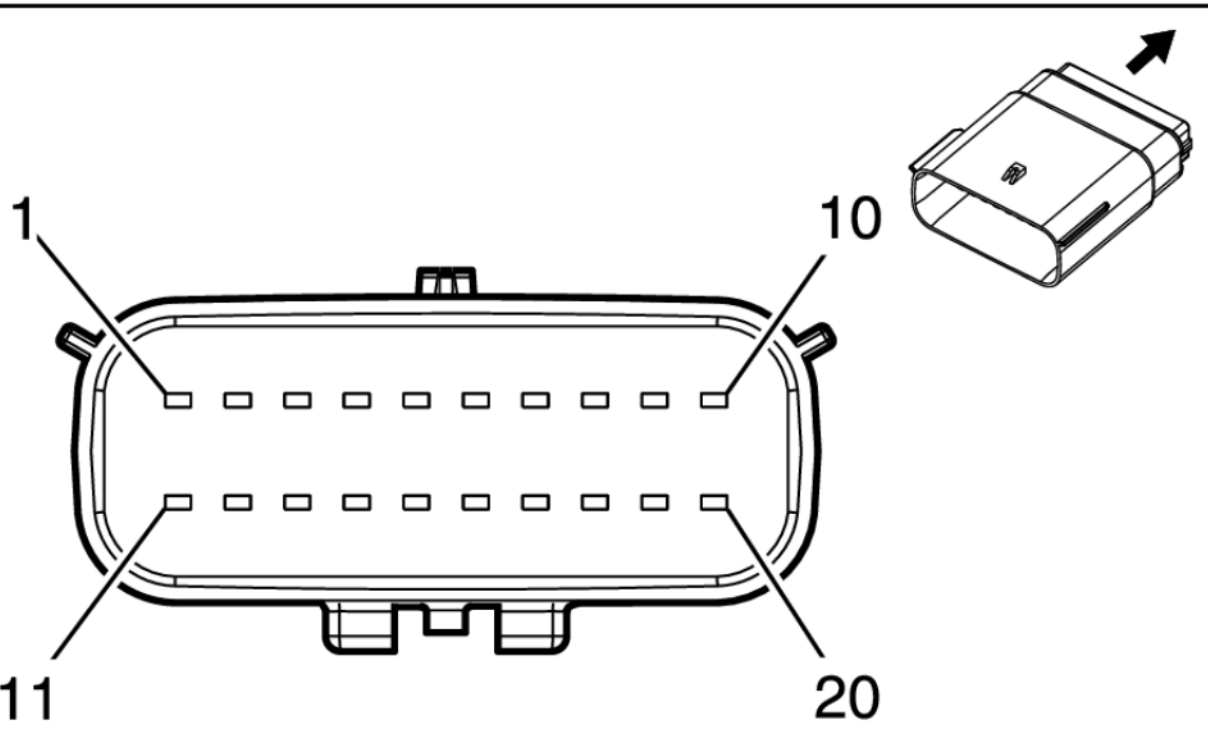
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BU/WH	890	II	-	Fuel Tank Pressure Sensor Signal	1	0.5	BU/WH	890	III	-
2	0.5	YE/RD	2709	II	-	Fuel Tank Pressure Sensor 5V Reference	2	0.5	YE/RD	2709	III	-
3	0.5	BU/VT	1589	II	-	Primary Fuel Level Sensor Signal	3	0.5	BU/VT	1589	III	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.5	BN/RD	7445	II	-	Fuel Line Pressure Sensor 5V Reference	6	0.5	BN/RD	7445	III	-
7	0.5	BU/WH	7446	II	-	Fuel Line Pressure Sensor Signal	7	0.5	BU/WH	7446	III	-
8	0.5	RD/BN	440	II	-	Battery Positive Voltage	8	0.75	RD/BN	440	III	-
9 - 10	-	-	-	-	-	Not Occupied	9 - 10	-	-	-	-	-
11	0.5	BK/GN	6281	II	-	Fuel Level Sensor Low Reference	11	0.5	BK/GN	6281	III	-
12	0.5	BU/WH	1937	II	-	Secondary Fuel Level Sensor Signal	12	0.5	BU/WH	1937	III	-
13 - 15	-	-	-	-	-	Not Occupied	13 - 15	-	-	-	-	-
16	0.5	BK/YE	7447	II	-	Fuel Line Pressure Sensor Low Reference	16	0.5	BK/YE	7447	III	-
17	0.5	VT/GN	439	II	-	Run/Crank Ignition 1 Voltage	17	0.5	VT/GN	439	III	-
18	0.5	GY	5660	II	-	Fuel Pump Controller Data Out Signal	18	0.5	GY	5660	III	-
19	0.5	GN/VT	4621	II	-	Local Interconnect Network Serial Data Bus 21	19	0.5	GN/VT	4621	III	-
20	1.5	RD/GN	1840	I	-	Battery Positive Voltage	20	1.5	RD/GN	1840	IV	-

X128 BODY HARNESS TO ENGINE HARNESS (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13520297
- Service Connector: 19353102
- Description: 20-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33181044
- Service Connector: 19351705
- Description: 20-Way M 1.5 Series, Sealed (BK)

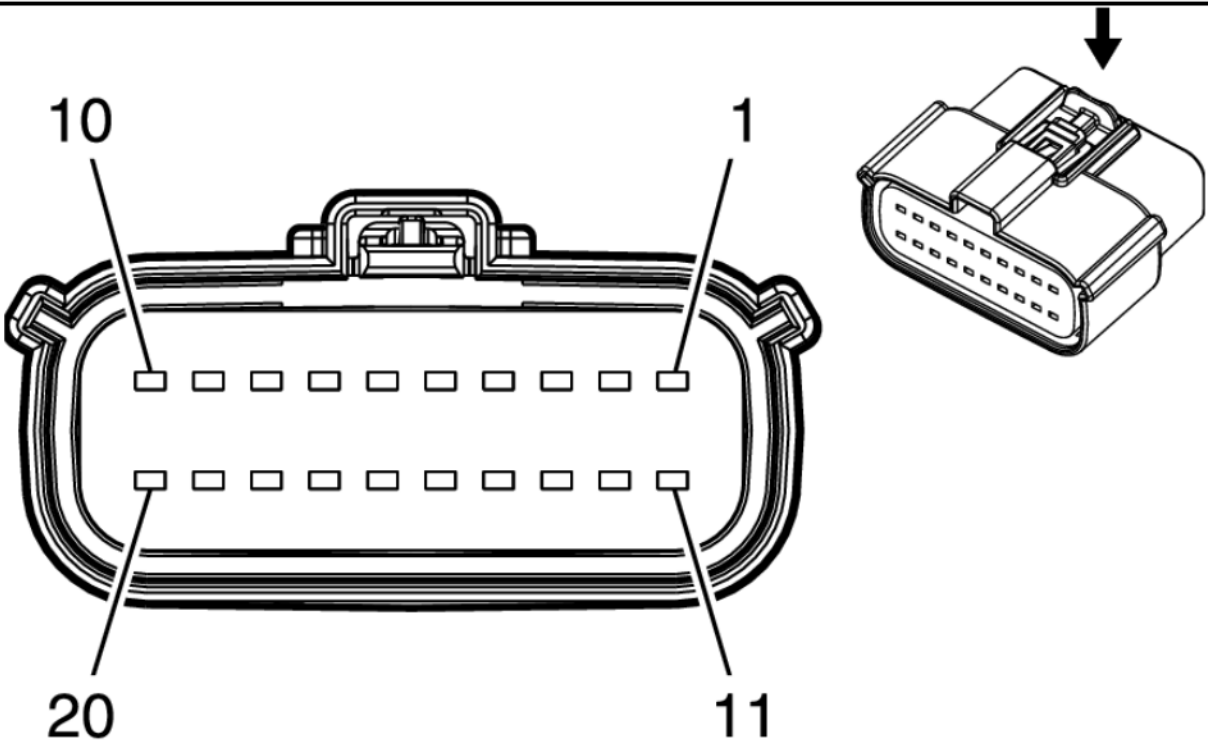
Terminal Part Information

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	BN/RD	3724	I	-	EVAP Leak Check Module (ELCM) Pressure Sensor 5V Reference	1	0.5	BN/RD	3724	II	-

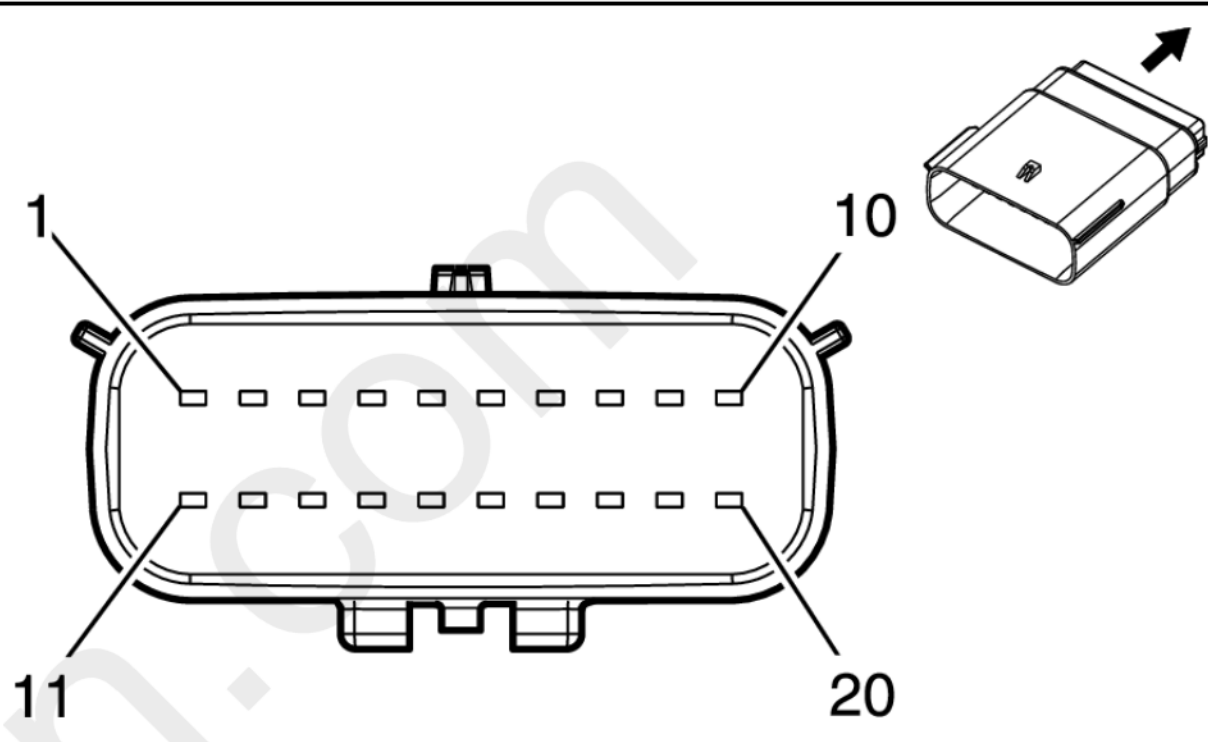
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.5	BU/GN	3725	I	-	EVAP Leak Check Module (ELCM) Pressure Sensor Signal	2	0.5	BU/GN	3725	II	-
3	0.5	GN	3726	I	-	Diurnal Control Valve (DCV) Ground	3	0.5	GN	3726	II	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.5	BU/BK	7493	I	-	High Speed GMLAN Serial Data (+)3	6	0.5	BU/BK	7493	II	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.35	GY	4109	I	-	Driver Mode Switch 5V Reference	8	0.5	GY	4109	II	-
9	0.35	WH/VT	4108	I	-	Driver Mode Switch Signal	9	0.5	WH/VT	4108	II	-
10	0.5	BU	3722	I	-	EVAP Leak Check Module (ELCM) Vacuum Pump Ground	10	0.5	BU	3722	II	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	GN/BU	4119	I	-	Local Interconnect Network Serial Data Bus 19	12	0.5	GN/BU	4119	II	-
13	0.5	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	13	0.5	BK/GN	6281	II	-
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-)3	16	0.5	WH	7494	II	-
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.5	RD/YE	3740	I	-	Battery Positive Voltage	18	0.5	RD/YE	3740	II	-
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20	0.5	GY	3723	I	-	EVAP Leak Check Module (ELCM) Changeover Valve Ground	20	0.5	GY	3723	II	-

X128 BODY HARNESS TO ENGINE HARNESS (KL9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13520297
- Service Connector: 19353102
- Description: 20-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33181044
- Service Connector: 19351705
- 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	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19300432	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
V	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	BU/WH	890	II	-	Fuel Tank Pressure Sensor Signal	1	0.5	BU/WH	890	IV	-
2	0.5	YE/RD	2709	II	-	Fuel Tank Pressure Sensor 5V Reference Fuel Tank Pressure Sensor 5V Reference	2	0.5	YE/RD	2709	IV	-
3	0.5	BU/VT	1589	II	-	Primary Fuel Level Sensor Signal Primary Fuel Level Sensor Signal	3	0.5	BU/VT	1589	IV	-
4	0.5	GY	5660	II	-	Fuel Pump Controller Data Out Signal	4	0.5	GY	5660	IV	-
5	0.5	VT/GN	439	II	-	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	5	0.5	VT/GN	439	IV	-
6	0.5	BU/BK	7493	II	-	High Speed GMLAN Serial Data (+)3	6	0.5	BU/BK	7493	IV	-
7	0.5	WH	1310	II	-	EVAP Canister Vent Solenoid Control	7	0.5	WH	1310	IV	-
8	0.35	GY	4109	II	-	Driver Mode Switch 5V Reference	8	0.5	GY	4109	IV	-
9	0.35	WH/VT	4108	II	-	Driver Mode Switch Signal	9	0.5	WH/VT	4108	IV	-
10	0.35	BN/RD	1211	II	F55	Right Front Strut Position Sensor 5V Reference	10	0.5	BN/RD	1211	IV	F55
11	0.35	BK/GY	1212	II	F55	Right Front Strut Position Sensor Low Reference	11	0.5	BK/GY	1212	IV	F55
12	0.35	YE/WH	1213	II	F55	Right Front Strut Position Sensor Signal	12	0.5	YE/WH	1213	IV	F55
13	0.5	BU/WH	7446	II	-	Fuel Line Pressure Sensor Signal	13	0.5	BU/WH	7446	IV	-
14	0.5	BN/RD	7445	II	-	Fuel Line Pressure Sensor 5V Reference	14	0.5	BN/RD	7445	IV	-
15	0.5	BK/YE	7447	II	-	Fuel Line Pressure Sensor Low Reference	15	0.5	BK/YE	7447	IV	-
16	0.5	WH	7494	II	-	High Speed GMLAN Serial Data (-)3	16	0.5	WH	7494	IV	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
17	0.75	RD/BN	440	I	-	Battery Positive Voltage	17	0.5	RD/BN	440	IV	LTG/ LGX
18	0.5	BK/GN	6281	II	-	Fuel Level Sensor Low Reference	18	0.5	BK/GN	6281	IV	-
19	0.5	BU/WH	1937	II	-	Secondary Fuel Level Sensor Signal Secondary Fuel Level Sensor Signal	19	0.5	BU/WH	1937	IV	-
20	2	RD/GN	1840	III	-	Battery Positive Voltage	20	1.5	RD/GN	1840	V	-

X150 BODY HARNESS TO ENGINE HARNESS (HP9)

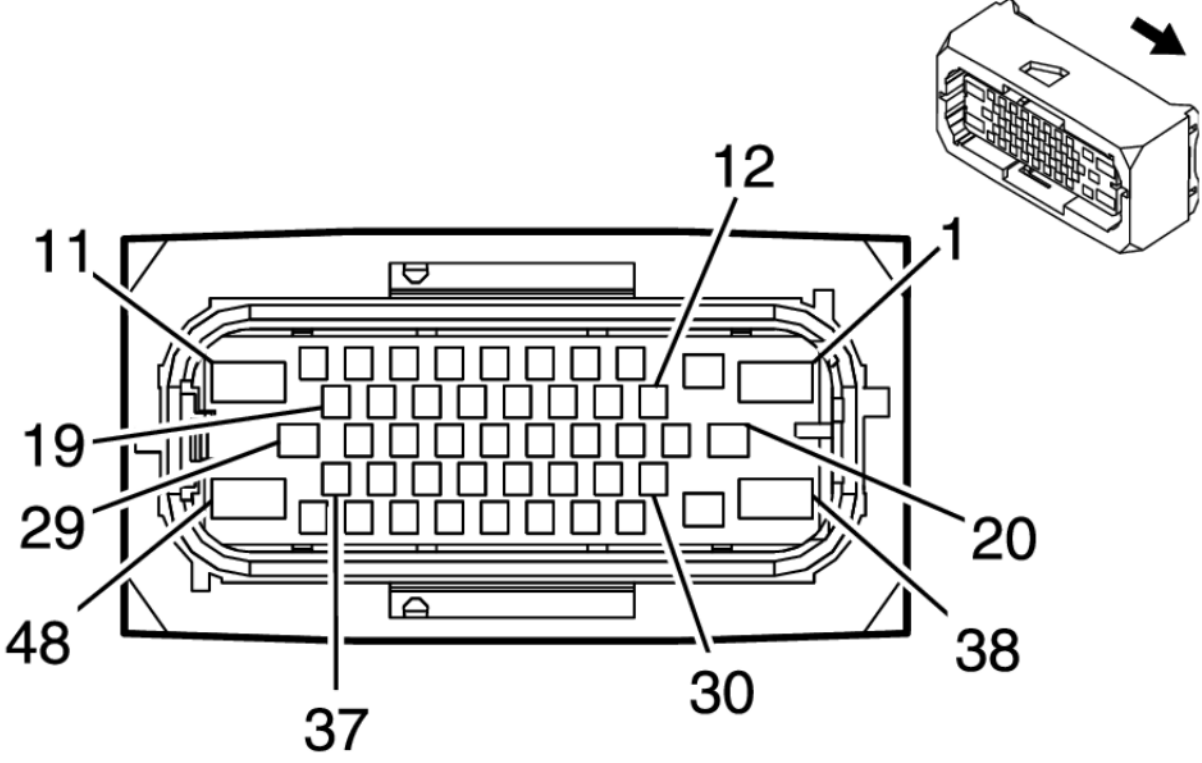


Diagram of the Body Harness Connector. It shows a 48-pin connector with terminals labeled 1, 11, 12, 19, 20, 29, 30, 37, 38, and 48. An inset shows the connector's physical shape with an arrow pointing to the top.

Connector Part Information

- Harness Type: Body
- OEM Connector: 15509585
- Service Connector: 19329744
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (BK)

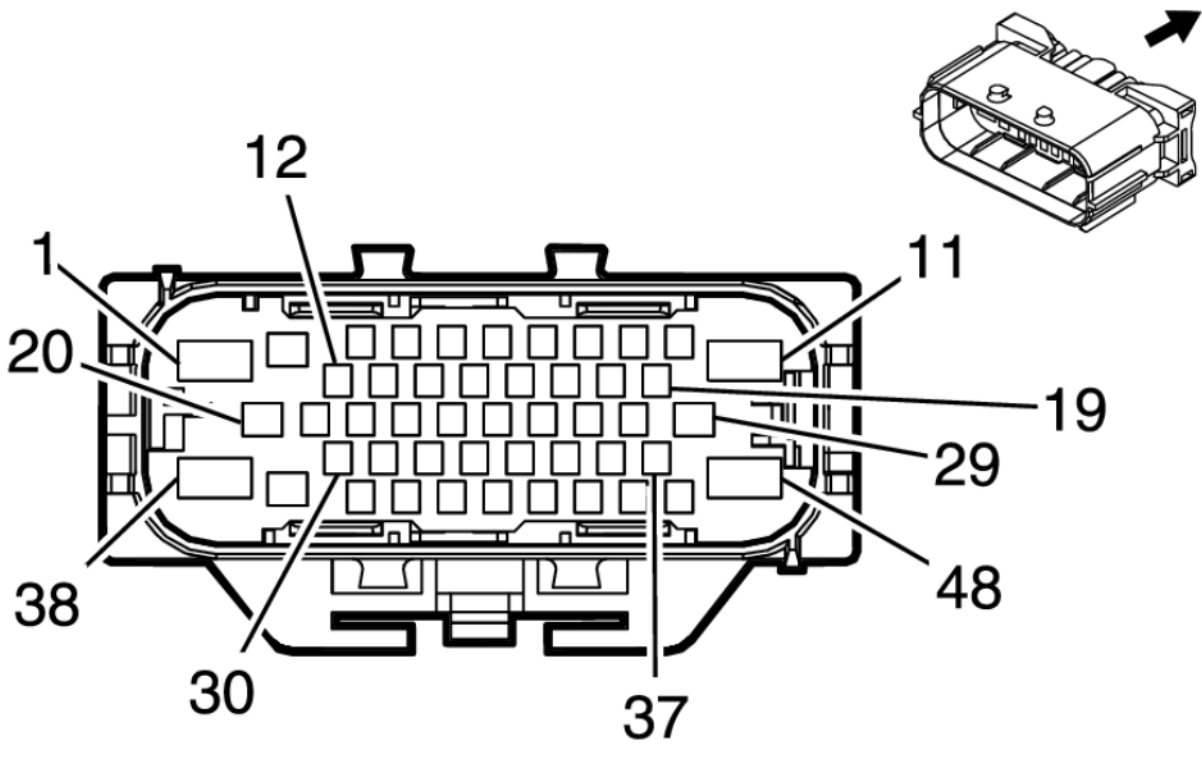


Diagram of the Engine Harness Connector. It shows a 48-pin connector with terminals labeled 1, 11, 12, 19, 20, 29, 30, 37, 38, and 48. An inset shows the connector's physical shape with an arrow pointing to the top.

Connector Part Information

- Harness Type: Engine
- OEM Connector: 15513438
- Service Connector: 19329745
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)

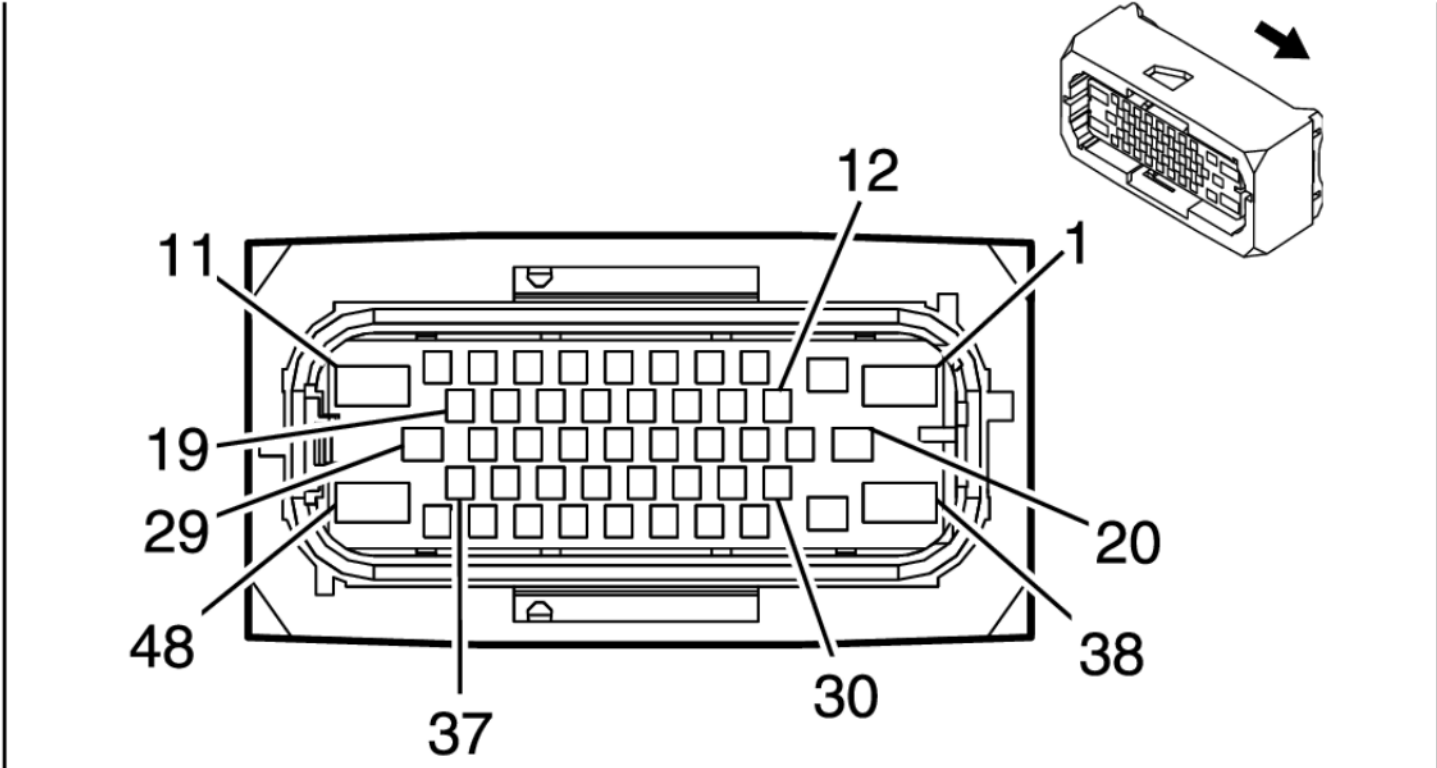
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	19329757	J-35616-14 (GN)	J-38125-215A	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	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13579756	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 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
3	0.35	WH/GN	5380	I	-	Brake Position Sensor Signal	3	0.5	WH/GN	5380	III	LGW
4	0.5	YE/WH	1161	II	-	Accelerator Pedal Position Signal 1	4	0.5	YE/WH	1161	V	-
5	0.5	BK/BU	1271	II	-	Accelerator Pedal Position Low Reference 1	5	0.5	BK/BU	1271	V	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	BN/WH	419	I	-	Check Engine Indicator Control	7	0.35	BN/WH	419	IV	LTG
8	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	8	0.5	WH	6106	III	-
9	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	9	0.5	BU/YE	6105	III	-
10 - 12	-	-	-	-	-	Not Occupied	10 - 12	-	-	-	-	-
13	0.5	BU	1164	II	-	Accelerator Pedal Position 5V Reference 1	13	0.5	WH/RD	1164	V	-
14	0.5	BN/BK	1272	II	-	Accelerator Pedal Position Low Reference 2	14	0.5	BK/VT	1272	V	-
15	0.5	GN	1162	II	-	Accelerator Pedal Position Signal 2	15	0.5	GN/WH	1162	V	-
16	0.5	BN/RD	1274	II	-	Accelerator Pedal Position 5V Reference 2	16	0.5	BN/RD	1274	V	-
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.35	WH/BU	5986	I	-	Serial Data Communication Enable	18	0.5	WH/BU	5986	III	LGW/LTG
19 - 21	-	-	-	-	-	Not Occupied	19 - 21	-	-	-	-	-
22	0.5	GN/BK	3633	I	-	Camshaft Position Sensor Replicated Signal	22	0.5	GN/BK	3633	III	-
23	0.35	BK/YE	5382	I	-	Brake Position Sensor Low Reference	23	0.5	BK/YE	5382	III	LGW/LTG
24	0.35	VT/YE	5985	I	-	Accessory Wakeup Serial Data	24	-	-	-	-	-
25	0.35	WH/BU	6311	I	-	Cruise/ETC/TCC Brake Signal	25	0.5	WH/BU	6311	III	LGW/LTG
26	-	-	-	-	-	Not Occupied	26	-	-	-	-	-
27	0.35	WH/RD	5381	I	-	Brake Position Sensor 5V Reference	27	0.5	WH/RD	5381	III	LGW/LTG
28 - 33	-	-	-	-	-	Not Occupied	28 - 33	-	-	-	-	-
34	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	34	0.5	BU	2500	III	-
35	0.5	WH	2501	I	LGW/LGX	High Speed GMLAN Serial Data (-) 1	35	0.5	WH	2501	III	LTG
36 - 42	-	-	-	-	-	Not Occupied	36 - 42	-	-	-	-	-
43	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) 2	43	0.5	WH	6106	III	-
44	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) 2	44	0.5	BU/YE	6105	III	-
45 - 48	-	-	-	-	-	Not Occupied	45 - 48	-	-	-	-	-

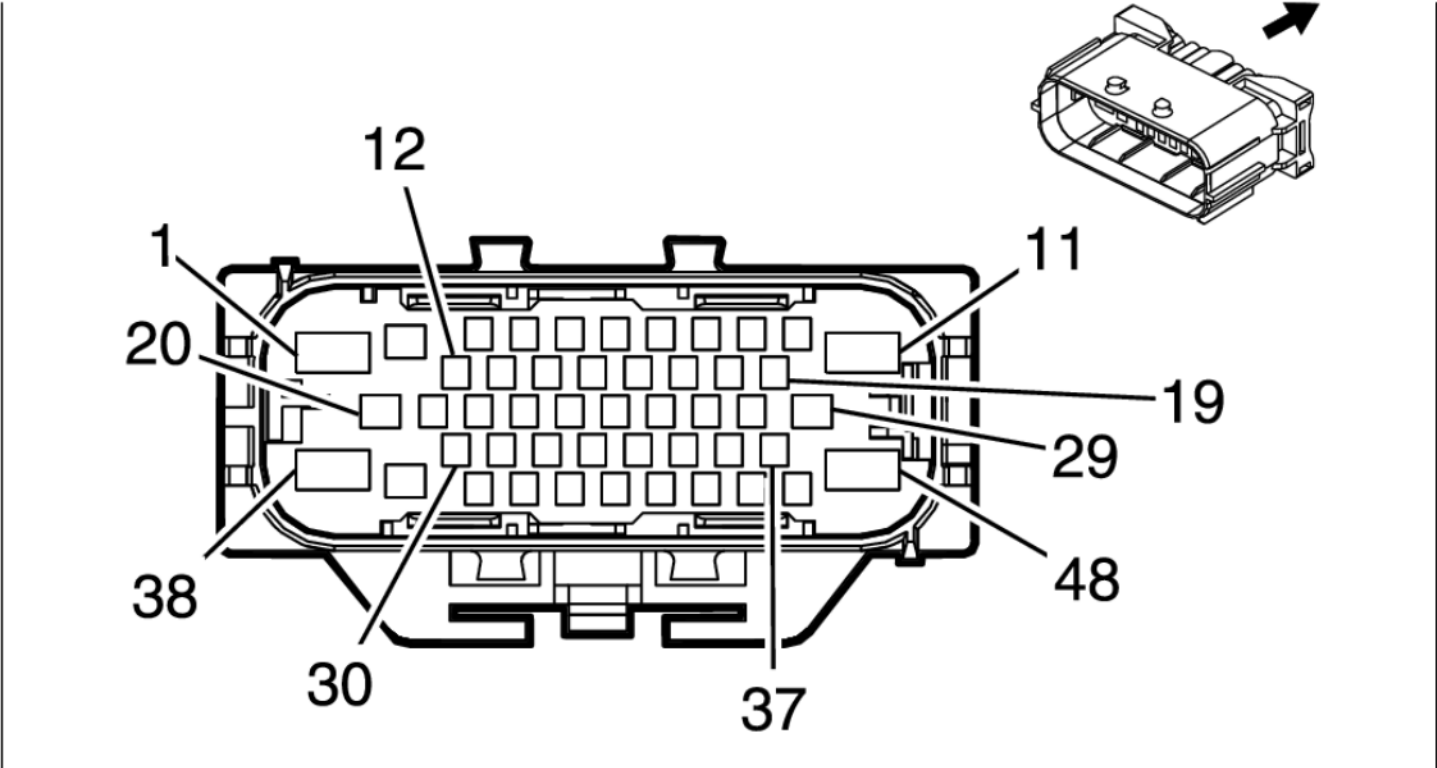
X150 BODY HARNESS TO ENGINE HARNESS (KL9)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 15509585
- Service Connector: 19329744
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15513438
- Service Connector: 19329745
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)

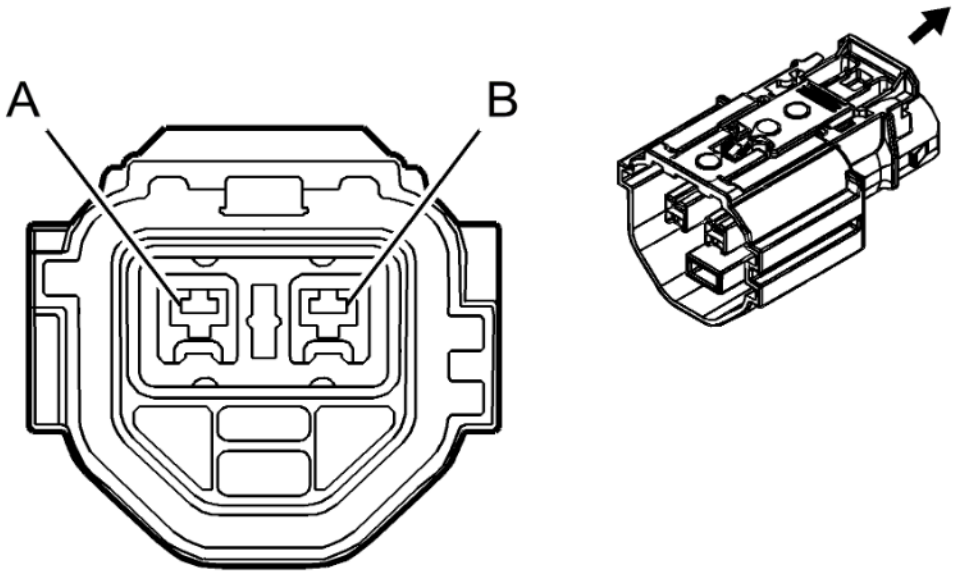
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580830	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	19119381	J-35616-14 (GN)	J-38125-215A	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	19353349	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	B	G
V	13575350	J-35616-5 (PU)	J-38125-36	1-962915-3	Yazaki 15	E	1
VI	13575361	J-35616-45 (YE)	J-38125-560	964265-2	Lear 28	E	2
VII	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13578887	J-35616-34 (YE)	J-38125-560	963898-3	Delphi 24	E	C
X	19329756	J-35616-32 (OR)	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	4	RD/WH	640	IV	F46	Battery Positive Voltage	1	4	RD/WH	640	X	-
2	0.5	VT/GY	6386	I	LGW/LGX	Starter Enable Relay (PPEI 3) Control	2	0.5	VT/GY	6386	V	LGW/LGX
3	0.35	WH/GN	5380	II	-	Brake Position Sensor Signal	3	0.5 0.5	WH/GN WH/GN	5380 5380	VI VII	LGX/LTG LGW
4	0.5	BU	1161	III	-	Accelerator Pedal Position Signal 1	4	0.5	YE/WH	1161	IX	-
5	0.5	BK/BU	1271	III	-	Accelerator Pedal Position Low Reference 1	5	0.5	BK/BU	1271	IX	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	BN/WH	419	II	-	Check Engine Indicator Control	7	0.5 0.5 0.35	BN/WH BN/WH BN/WH	419 419 419	VII VI VIII	LGW LGX LTG
8	0.5	WH	6106	II	-	High Speed GMLAN Serial Data (-) 2	8	0.5	WH	6106	VII	-
9	0.5	BU/YE	6105	II	-	High Speed GMLAN Serial Data (+) 2	9	0.5	BU/YE	6105	VII	-
10 - 11	-	-	-	-	-	Not Occupied	10 - 11	-	-	-	-	-
12	-	-	-	-	-	Brake Position Sensor 5V Reference	12	0.5	WH/RD	5381	VII	-
13	0.5	BN/BK	1164	III	-	Accelerator Pedal Position 5V Reference 1	13	0.5	WH/RD	1164	IX	-
14	0.5	BK/VT	1272	III	-	Accelerator Pedal Position Low Reference 2	14	0.5	BK/VT	1272	IX	-
15	0.5	GN	1162	III	-	Accelerator Pedal Position Signal 2	15	0.5	GN/WH	1162	IX	-
16	0.5	BN/RD	1274	III	-	Accelerator Pedal Position 5V Reference 2	16	0.5	BN/RD	1274	IX	-
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.35	WH/BU	5986	II	-	Serial Data Communication Enable	18	0.5 0.5	WH/BU WH/BU	5986 5986	VII VI	LGW/LTG LGX
19	0.35	BK/BU	61	II	LTG	Signal Ground Outside Ambient Temperature Sensor Low Reference	19	0.5 0.5 0.35	BK/WH BK/WH BK/BU	2151 2151 61	VI VII VIII	LGX LGW LTG
20	0.5	GN/VT	4621	I	LGW/LGX	Local Interconnect Network Serial Data Bus 21	20	0.5	GN/VT	4621	V	LGW/LGX
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.5	GN/BK	3633	II	-	Camshaft Position Sensor Replicated Signal	22	0.5	GN/BK	3633	VII	-
23	0.35	BK/YE	5382	II	-	Brake Position Sensor Low Reference	23	0.5 0.5	BK/YE BK/YE	5382 5382	VI VII	LGX LGW/LTG
24	0.35	VT/YE	5985	II	-	Accessory Wakeup Serial Data	24	0.5 0.5	VT/YE VT/YE	5985 5985	VI VII	LGX LGW/LTG
25	0.35	WH/BU	6311	II	-	Cruise/ETC/TCC Brake Signal	25	0.5 0.5	WH/BU WH/BU	6311 6311	VII VI	LGW/LTG LGX
26	-	-	-	-	-	Not Occupied	26	-	-	-	-	-
27	0.35	WH/RD	5381	II	-	Brake Position Sensor 5V Reference	27	0.5 0.5	WH/RD WH/RD	5381 5381	VII VI	LGW/LTG LGX
28	0.35	BU/GY	636	II	LTG	Outside Ambient Air Temperature Sensor Signal Outside Ambient Air Temperature Sensor Signal	28	0.5 0.35	BU/GY BU/GY	636 636	VI VIII	LGX LGW/LTG
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.5	YE/RD	6031	II	-	Brake Vacuum Sensor 5V Reference Brake Vacuum Sensor 5V Reference	30	0.5 0.5	YE/RD YE/RD	6031 6031	VII VI	LGW/LTG LGX
31	0.5	BK/YE	6032	II	-	Brake Vacuum Sensor Low Reference	31	0.5 0.5 0.5	BK/YE BK/WH BK/WH	6032 2151 2151	VII VII VI	LTG LGW LGX
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	0.35	VT/BU	6091	II	UQA/UQS	Crankshaft Position Sensor Replicated Signal	33	0.5 0.5	VT/BU VT/BU	6091 6091	VI VII	LGX LGW/LTG
34	0.5	BU	2500	II	-	High Speed GMLAN Serial Data (+) 1	34	0.5	BU	2500	VII	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
35	0.5	WH	2501	II	LGW/LGX	High Speed GMLAN Serial Data (-) 1 High Speed GMLAN Serial Data (-) 1	35	0.5 0.5	WH WH	2501 2501	VII VI	LGW/LTG LGX
36 - 39	-	-	-	-	-	Not Occupied	36 - 39	-	-	-	-	-
40	0.5	YE/VT	6030	II	-	Brake Vacuum Sensor Signal Brake Vacuum Sensor Signal	40	0.5 0.5	YE/VT YE/VT	6030 6030	VII VI	LGW/LTG LGX
41 - 42	-	-	-	-	-	Not Occupied	41 - 42	-	-	-	-	-
43	0.5	WH	6106	II	-	High Speed GMLAN Serial Data (-) 2	43	0.5	WH	6106	VII	-
44	0.5	BU/YE	6105	II	-	High Speed GMLAN Serial Data (+) 2	44	0.5	BU/YE	6105	VII	-
45	0.35	YE	4063	II	LTG	Hood Status A Signal Hood Status A Signal	45	0.5 0.35	YE YE	4063 4063	VII VIII	LGW/LGX LTG
46	0.5	BU/BN	7573	II	LGX	Electric Variable Displacement Supply Electric Variable Displacement Supply	46	0.5 0.5	BU/BN BU/BN	7573 7573	VII VI	LGW/LTG LGX
47	0.5	BU/YE	7574	II	LGX	Electric Variable Displacement Control Electric Variable Displacement Control	47	0.5 0.5	BU/YE BU/YE	7574 7574	VII VI	LGW/LTG LGX
48	-	-	-	-	-	Not Occupied	48	-	-	-	-	-

X151 A/C COMPRESSOR JUMPER HARNESS TO HIGH VOLTAGE BATTERY CABLE HARNESS (HP9)



Connector Part Information

- Harness Type: A/C Compressor Jumper
- OEM Connector: 33175573
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 High Voltage Shield Pack Series, Sealed (OG)

Connector Part Information

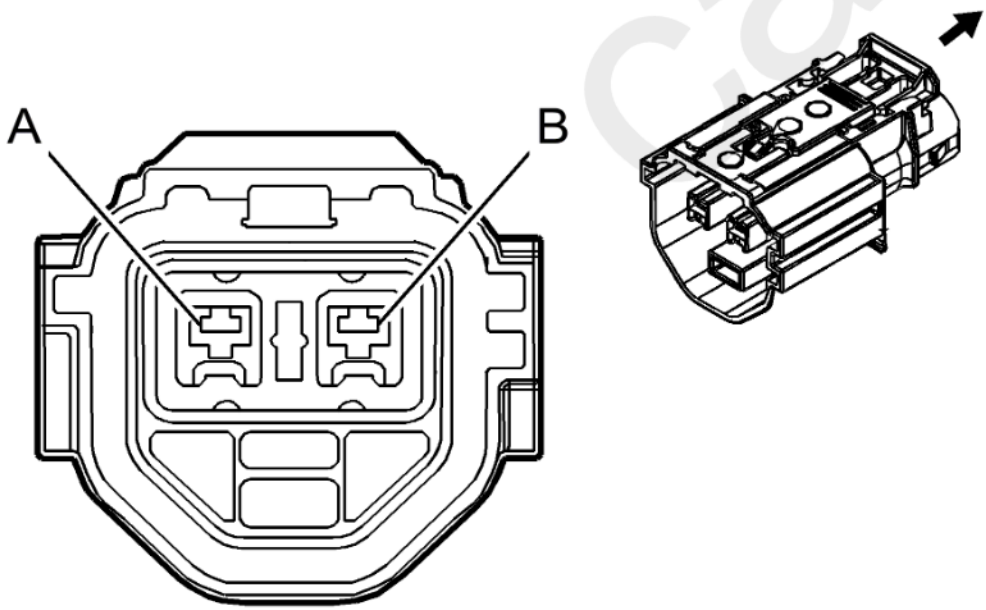
- Harness Type: High Voltage Battery Cable
- OEM Connector: 33275448
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

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-35616-35 (VT)	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	5	OG	3974	I	-	High Voltage Battery 5 (+)	A	-	OG/RD	3974	II	-
B	5	OG	3973	I	-	High Voltage Battery 5 (-)	B	-	OG/BK	3973	II	-

X153 HIGH VOLTAGE CABLE HARNESS TO 14V POWER MODULE JUMPER HARNESS (HP9)



Connector Part Information

- Harness Type: High Voltage Cable
- OEM Connector: 33175574
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 High Voltage Shield Pack Series, Sealed (OG)

Connector Part Information

- Harness Type: 14V Power Module Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

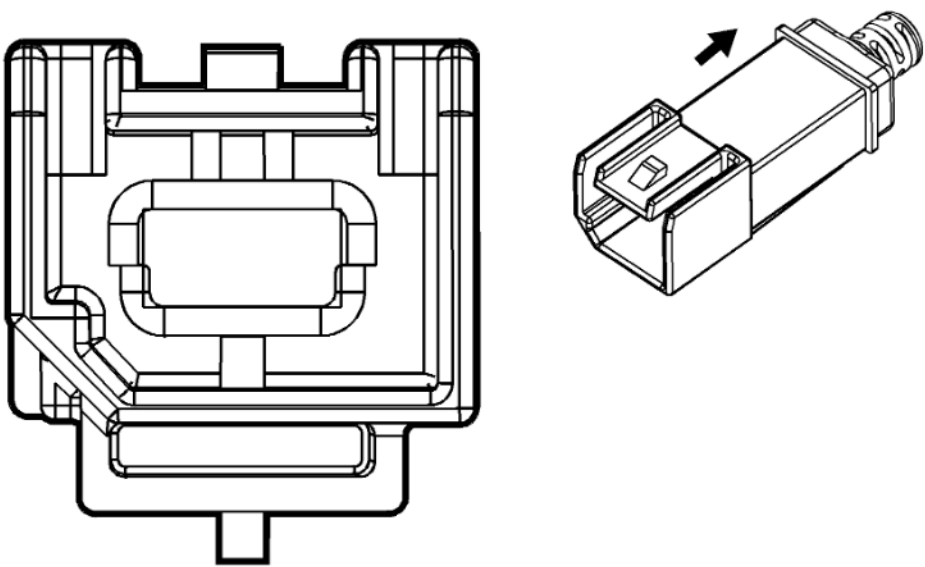
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	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	3	OG	3834	I	-	High Voltage Battery 2 (+)	A	3	OG	3834	II	-
B	3	OG	3833	I	-	High Voltage Battery 2 (-)	B	3	OG	3833	II	-

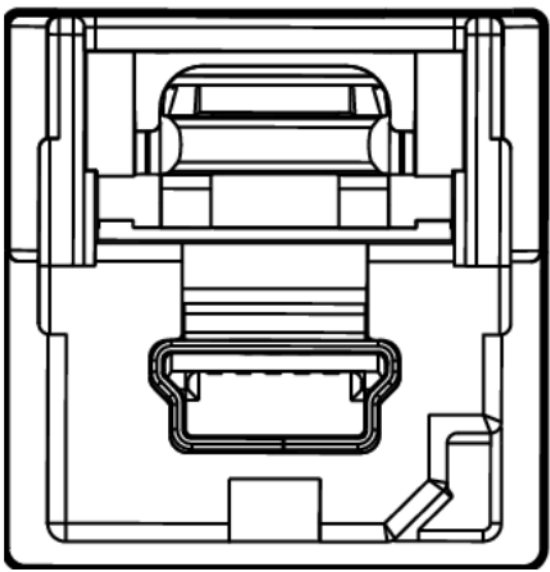
X154 BODY HARNESS TO FORWARD LAMP LVDS HARNESS (UV3)

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Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: 33255601
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way F



Connector Part Information

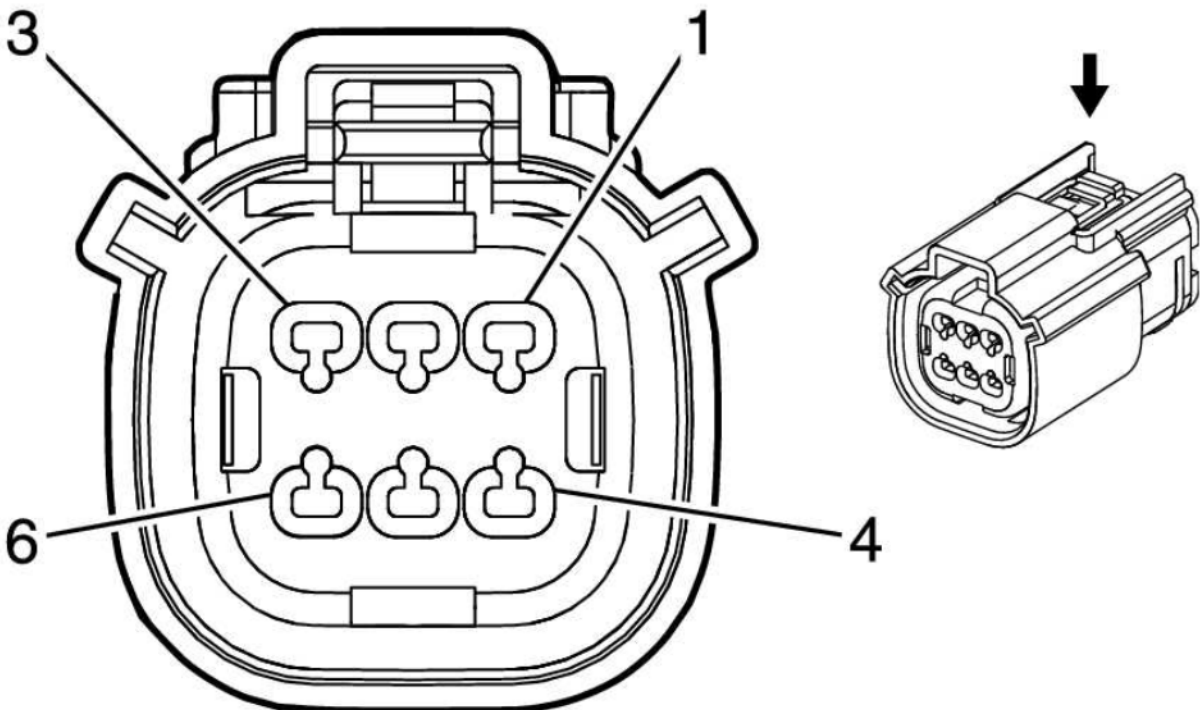
- Harness Type: Forward Lamp LVDS
- OEM Connector: 33234198
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M

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

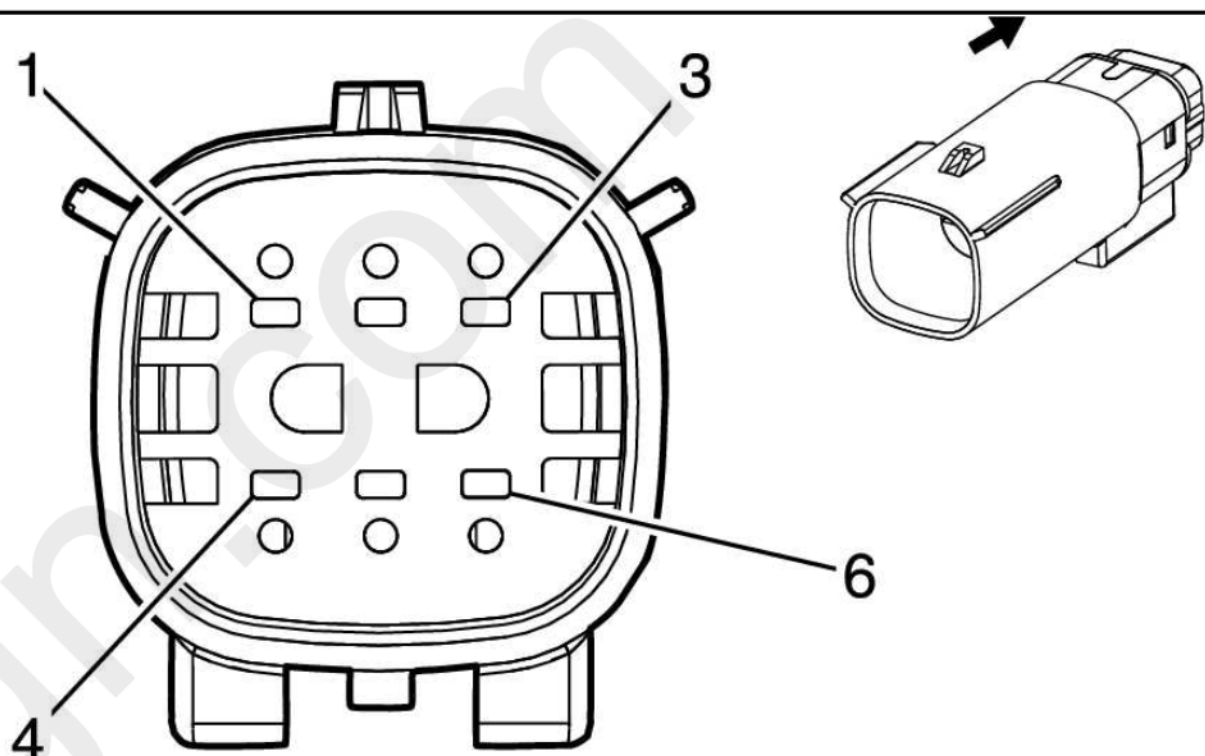
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	(PDR) Front Vision Camera #2	-	-	LVDS	-	I	-

X160 ENGINE HARNESS TO FUEL RAIL - ODD HARNESS (LGW/LGX)



Connector Part Information

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



Connector Part Information

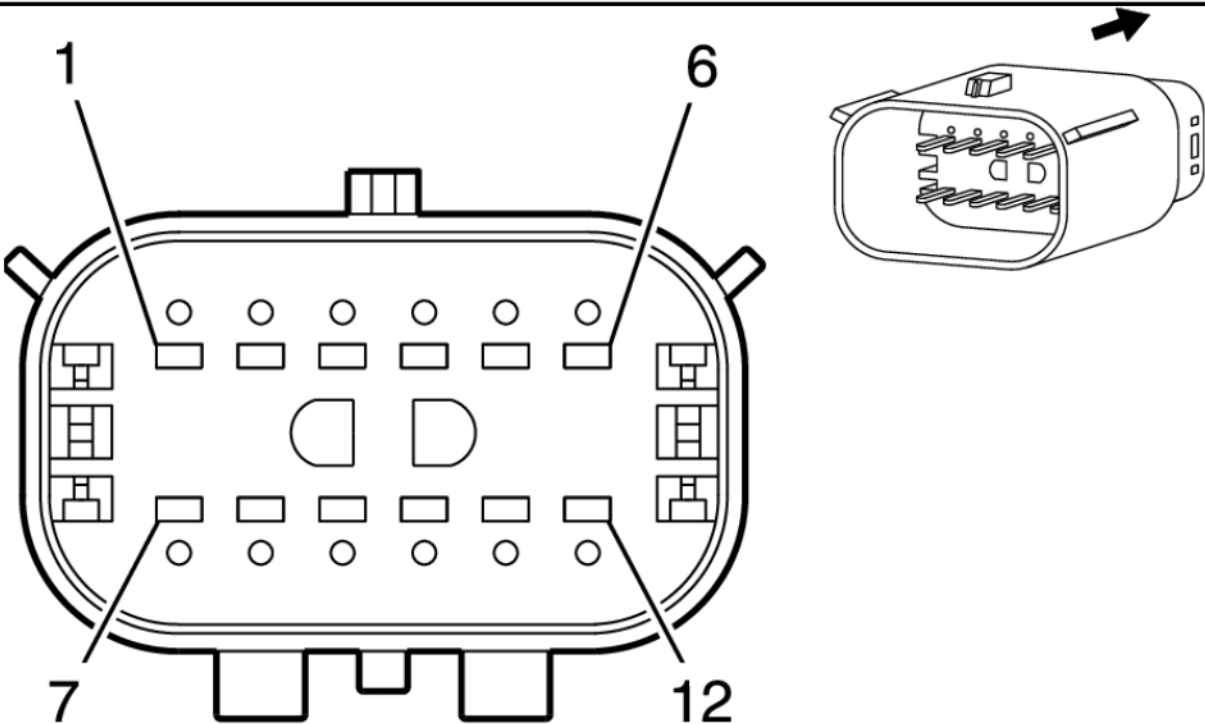
- Harness Type: Fuel Rail - Odd
- OEM Connector: 33482-0601
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 150 MX Series, Sealed (BK)

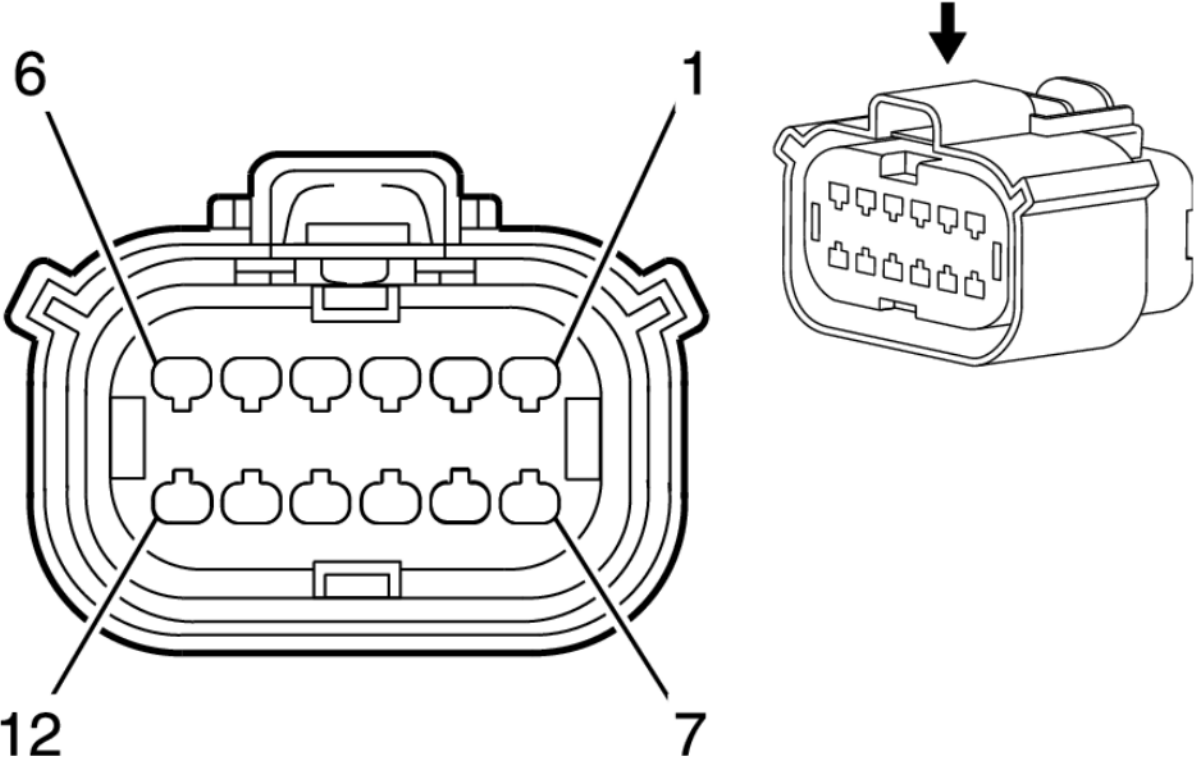
Terminal Part Information

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	BN	4801	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	1	0.75	BN	4801	II	-
2	0.75	BN/WH	4901	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	2	0.75	BN/WH	4901	II	-
3	0.75	GN	4803	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	3	0.75	GN	4803	II	-
4	0.75	GN/GY	4903	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	4	0.75	GN/GY	4903	II	-
5	0.75	WH/GN	4805	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	5	0.75	WH/GN	4805	II	-
6	0.75	GN/WH	4905	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	6	0.75	GN/WH	4905	II	-

X160 ENGINE HARNESS TO FUEL RAIL HARNESS (LTG)





Connector Part Information

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

Connector Part Information

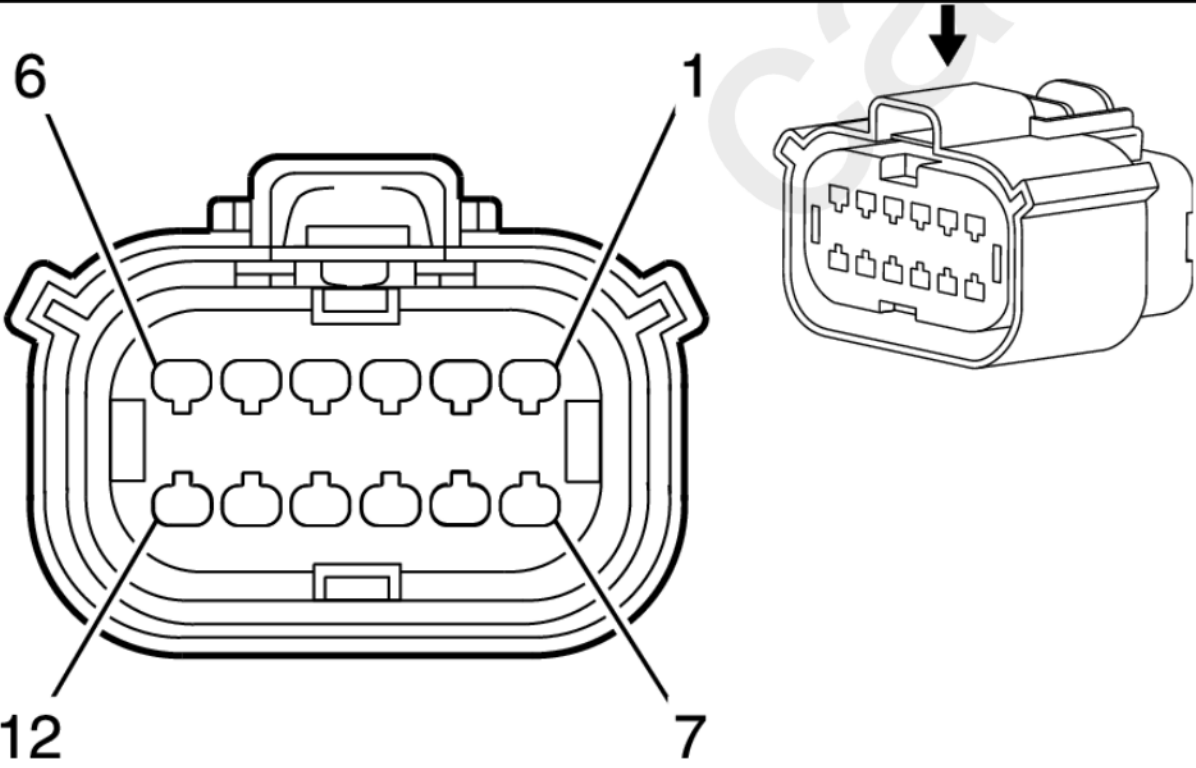
- Harness Type: Fuel Rail
- OEM Connector: 33482-1206
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

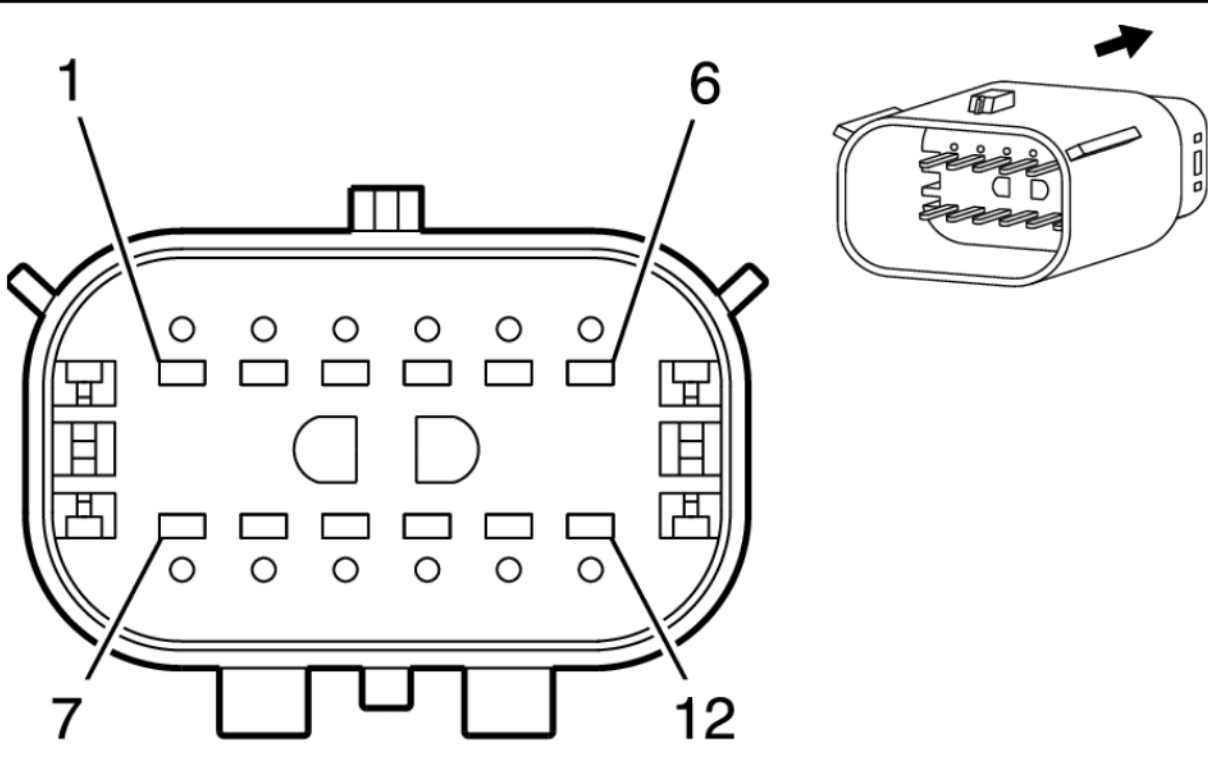
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BN	4801	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	1	0.75	BN	4801	III	-
2	0.75	BU	4802	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	2	0.75	BU	4802	III	-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

X161 ENGINE HARNESS TO FUEL RAIL - EVEN HARNESS (LGW/LGX)



Connector Part Information

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



Connector Part Information

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

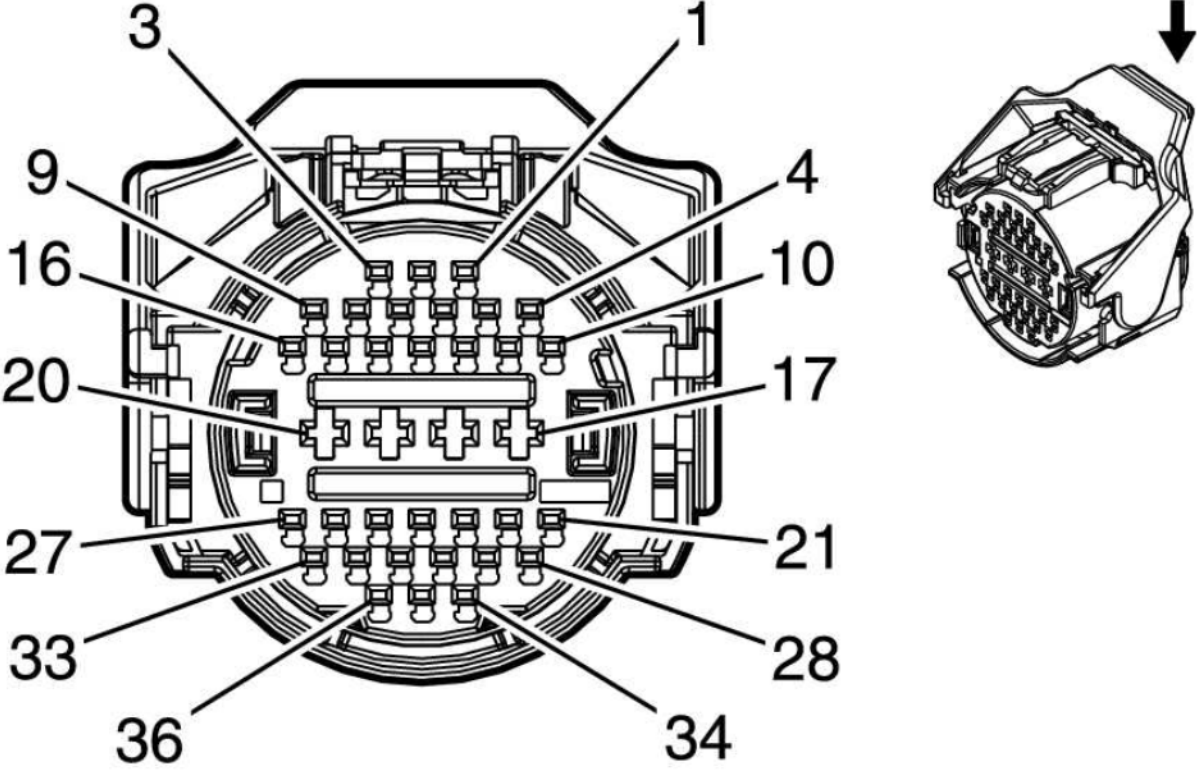
Terminal Part Information

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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.75	BU	4802	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	2	0.75	BU	4802	II	-
3	0.75	GY/BU	4804	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	3	0.75	GY/BU	4804	II	-

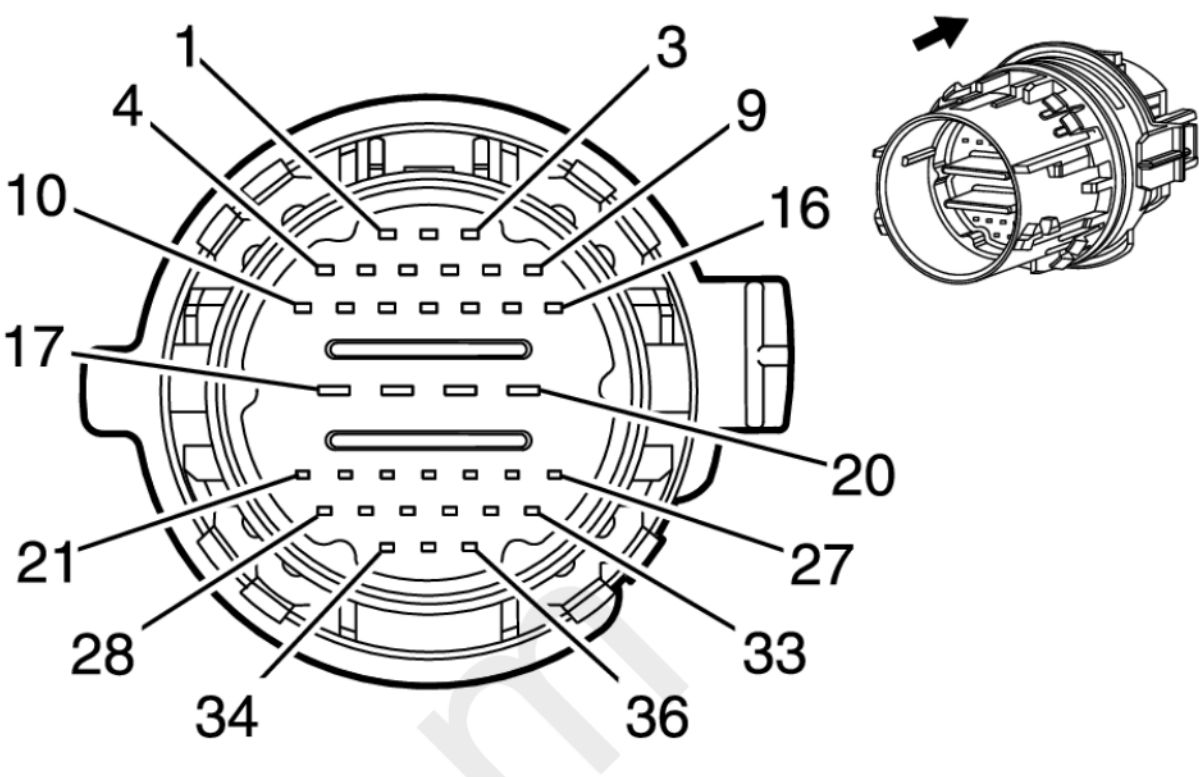
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4	0.75	VT/GN	4806	I	-	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	4	0.75	VT/GN	4806	II	-
5	0.5	BK/GN	2919	I	-	Fuel Rail Pressure Sensor Low Reference	5	0.5	BK/GN	2919	II	-
6 - 7	-	-	-	-	-	Not Occupied	6 - 7	-	-	-	-	-
8	0.75	BU/GY	4902	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	8	0.75	BU/GY	4902	II	-
9	0.75	BU/WH	4904	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	9	0.75	BU/WH	4904	II	-
10	0.75	VT/GY	4906	I	-	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	10	0.75	VT/GY	4906	II	-
11	0.5	GY	2917	I	-	Fuel Rail Pressure Sensor 5V Reference	11	0.5	GY	2917	II	-
12	0.5	YE	2918	I	-	Fuel Rail Pressure Sensor Signal	12	0.5	YE	2918	II	-

X175 ENGINE HARNESS TO TRANSMISSION CASE HARNESS (HP9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33102758
- Service Connector: 19329922
- Description: 36-Way F 1.2 MCON-CB, 2.8 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 2138338-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 36-Way M 1.2 MCON, 2.8 MQP Series (NA)

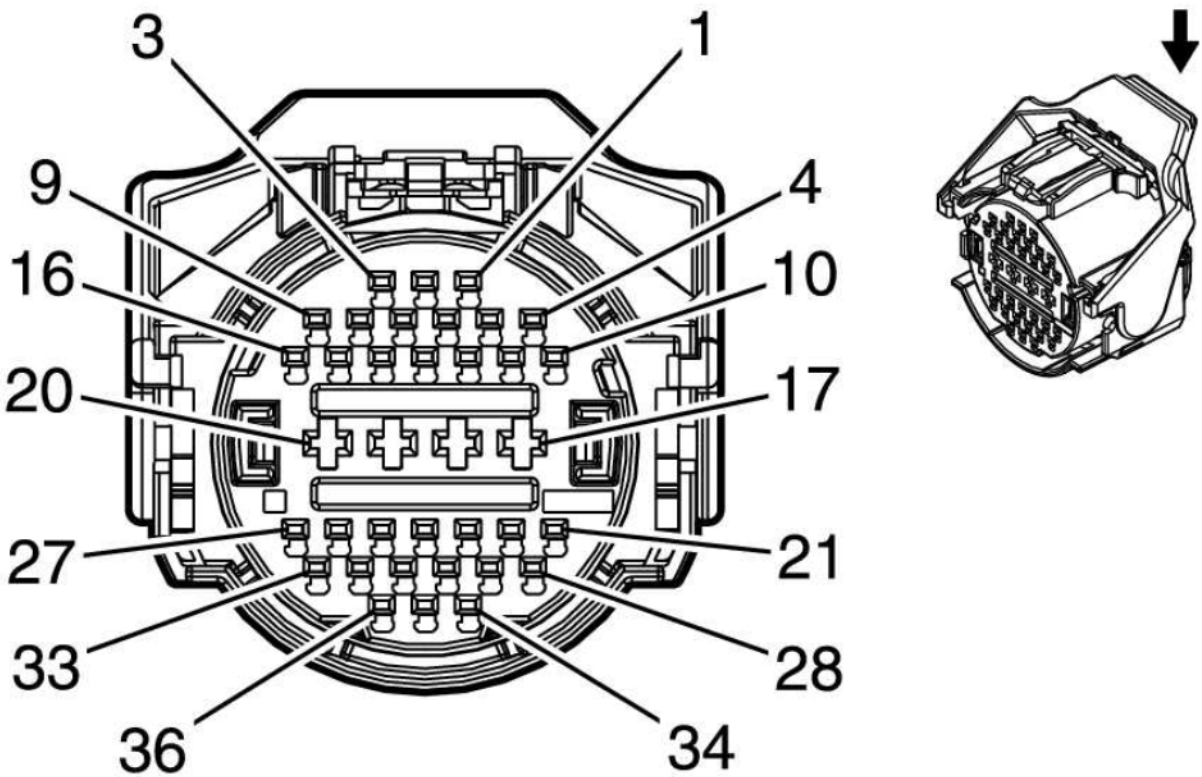
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119772	J-35616-35 (VT)	J-38125-557	1241388-1	Lear 17	E	C
II	19300445	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	Not Required	-	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	WH	4508	II	-	Transmission Clutch G Control	1	0.5	WH	4508	III	-
2	0.5	WH/BU	4507	II	-	Transmission Clutch H Control	2	0.5	WH/BU	4507	III	-
3	0.5	GN/WH	6380	II	-	TCC On/Off Solenoid A Control	3	0.5	GN/WH	6380	III	-
4	0.5	BN	6400	II	-	Clutch A Control	4	0.5	BN	6400	III	-
5	0.5	BU	6401	II	-	Clutch B Control	5	0.5	BU	6401	III	-
6	0.5	BK/BN	586	II	-	Transmission Oil Temperature Sensor Low Reference	6	0.5	BK/BN	586	III	-
7	0.5	BN/WH	585	II	-	Transmission Oil Temperature Sensor Signal	7	0.5	BN/WH	585	III	-
8	0.5	GY/GN	6403	II	-	Clutch D Control	8	0.5	GY/GN	6403	III	-
9	0.5	VT	4509	II	-	Transmission Clutch F Control	9	0.5	VT	4509	III	-
10	0.5	YE/BK	3494	II	-	Transmission IMS Mode Switch R1 bit Signal	10	0.5	YE/BK	3494	III	-
11	0.5	GY	3495	II	-	Transmission IMS Mode Switch R2 bit Signal	11	0.5	GY	3495	III	-
12	0.5	BN	3496	II	-	Transmission IMS Mode Switch D1 bit Signal	12	0.5	BN	3496	III	-
13	0.5	GN/BN	3497	II	-	Transmission IMS Mode Switch D2 bit Signal	13	0.5	GN/BN	3497	III	-
14	0.5	BK/GY	3927	II	-	IMS Mode Switch Low Reference	14	0.5	BK/GY	3927	III	-
15	0.5	GY/BU	6358	II	-	Output Speed Signal	15	0.5	GY/BU	6358	III	-
16	0.5	YE/GN	4170	II	-	Transmission Position Sensor B 9V Reference	16	0.5	YE/GN	4170	III	-
17	-	-	-	-	-	Not Occupied	17	-	-	-	-	-
18	0.75	GN/GY	6387	I	-	Transmission High Side Driver 1 Signal Driver	18	0.75	GN/GY	6387	III	-
19	0.75	GY/BN	6388	I	-	Transmission High Side Driver 2 Signal	19	0.75	GY/BN	6388	III	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21	0.75	GY	7646	II	-	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	21	0.75	GY	7646	III	-
22	0.75	YE	7649	II	-	Traction Power Inverter Module Resolver 1 S1 Signal	22	0.75	YE	7649	III	-
23	0.75	WH/GN	7648	II	-	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	23	0.75	WH/GN	7648	III	-
24	0.5	WH/BK	5983	II	-	PRNDL C Signal	24	0.5	WH/BK	5983	III	-
25	0.5	GY/BN	5982	II	-	PRNDL B Signal	25	0.5	GY/BN	5982	III	-
26	0.5	GY/WH	4168	II	-	PRNDL P Signal	26	0.5	GY/WH	4168	III	-
27	0.5	VT	3493	II	-	Transmission IMS Mode Switch S bit Signal	27	0.5	VT	3493	III	-
28	0.75	VT/GN	7647	II	-	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	28	0.75	VT/GN	7647	III	-

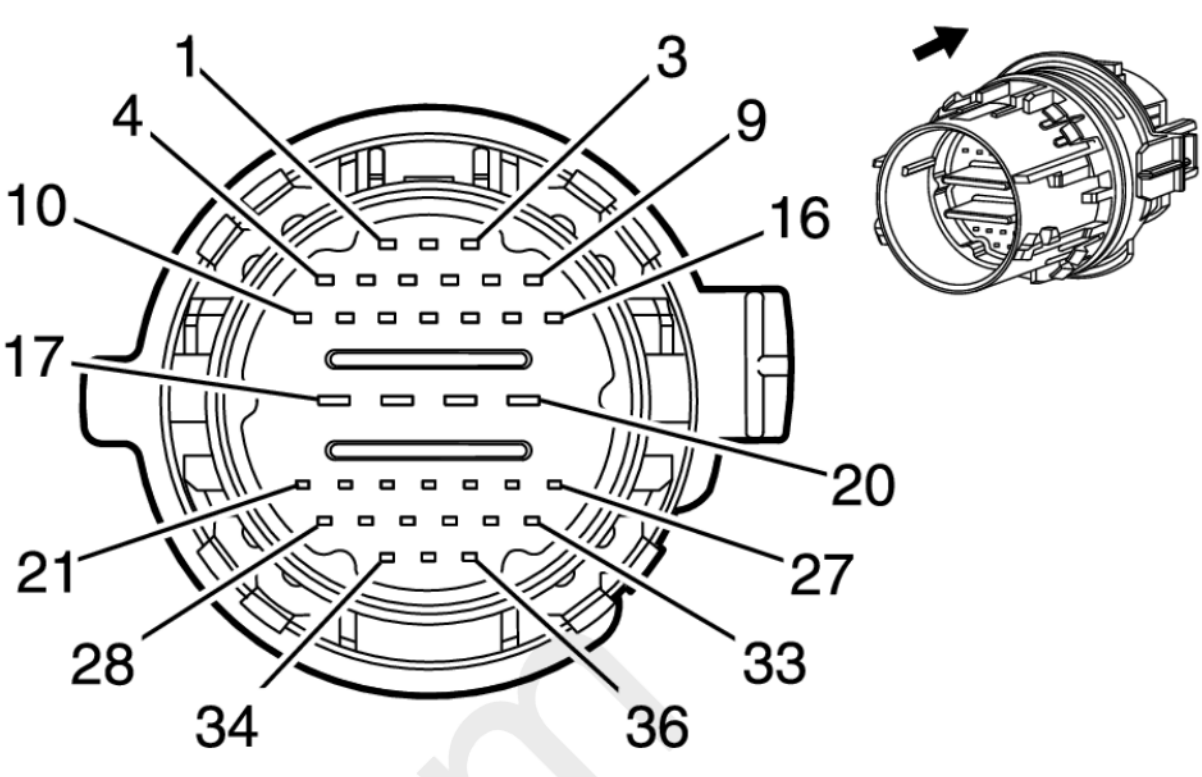
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
29	0.75	BN	7652	II	-	Traction Power Inverter Module Resolver 1 S3 Signal	29	0.75	BN	7652	III	-
30	0.75	BU	7645	II	-	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	30	0.75	BU	7645	III	-
31	0.5	GY/GN	3929	II	-	Position Speed Direction Sensor 2 Signal A	31	0.5	GY/GN	3929	III	-
32	0.5	VT/WH	5981	II	-	PRNDL A Signal	32	0.5	VT/WH	5981	III	-
33	0.5	BK/GY	3927	II	-	IMS Mode Switch Low Reference	33	0.5	BK/GY	3927	III	-
34	0.5	GY/WH	3928	II	-	Position Speed Direction Sensor 2 Signal B	34	0.5	GY/WH	3928	III	-
35	0.5	YE/BK	4583	II	-	Traction Motor Position Speed Direction 2 Signal B OUT (-)	35	0.5	YE/BK	4583	III	-
36	0.5	VT/WH	4584	II	-	Traction Motor Position Speed Direction 2 Signal A OUT (-)	36	0.5	VT/WH	4584	III	-

X175 ENGINE HARNESS TO TRANSMISSION CASE HARNESS (KL9)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15532799
- Service Connector: 19332681
- Description: 36-Way F 1.2 MCON-CB, 2.8 MCP Series, Sealed (BK)



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 2138338-7
- Service Connector: Service by Harness - See Part Catalog
- Description: 36-Way M 1.2 MCON, 2.8 MQP Series (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119772	J-35616-35 (VT)	J-38125-557	1241388-1	Lear 17	E	C
II	19300444	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19300445	J-35616-16 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
IV	Not Required	-	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GN/WH	6380	III	-	TCC On/Off Solenoid A Control	1	0.5	GN/WH	6380	IV	-
2	0.5	VT/BU	5294	III	-	Powertrain Main Relay Fused Supply 5	2	0.5	VT/BU	5294	IV	-
3	0.5	YE/BN	6404	III	-	Clutch E Control	3	0.5	YE/BN	6404	IV	-
4	0.5	GY/GN	6403	III	-	Clutch D Control	4	0.5	GY/GN	6403	IV	-
5	0.5	BN	6400	III	-	Clutch A Control	5	0.5	BN	6400	IV	-
6	0.5	BU	6401	III	-	Clutch B Control	6	0.5	BU	6401	IV	-
7	0.5	YE/BN	6210	III	-	TCC On/Off Solenoid B Control	7	0.5	YE/BN	6210	IV	-
8	0.5	WH/GY	4578	III	-	Surge Accumulator Solenoid Low Side Control	8	0.5	WH/GY	4578	IV	-
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.5	GY	6402	III	-	Clutch C Control	10	0.5	GY	6402	IV	-
11	0.5	BK/BN	586	III	-	Transmission Oil Temperature Sensor Low Reference	11	0.5	BK/BN	586	IV	-
12	0.5	BN/WH	585	III	-	Transmission Oil Temperature Sensor Signal	12	0.5	BN/WH	585	IV	-
13	0.5	WH	4508	III	-	Transmission Clutch G Control	13	0.5	WH	4508	IV	-
14	0.5	WH/BU	4507	III	-	Transmission Clutch H Control	14	0.5	WH/BU	4507	IV	-
15 - 17	-	-	-	-	-	Not Occupied	15 - 17	-	-	-	-	-
18	0.75	GN/GY	6387	I	-	Transmission High Side Driver 1 Signal Driver	18	0.75	GN/GY	6387	IV	-
19	0.75	GY/BN	6388	I	-	Transmission High Side Driver 2 Signal	19	0.75	GY/BN	6388	IV	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21	0.5	WH/BK	5983	III	-	PRNDL C Signal	21	0.5	WH/BK	5983	IV	-
22	0.5	VT/WH	5981	III	-	PRNDL A Signal	22	0.5	VT/WH	5981	IV	-
23	0.5	GY/WH	4168	III	-	PRNDL P Signal	23	0.5	GY/WH	4168	IV	-
24	0.5	GY/BU	6358	III	-	Output Speed Signal	24	0.5	GY/BU	6358	IV	-
25	0.5	YE/GN	4170	III	-	Transmission Position Sensor B 9V Reference	25	0.5	YE/GN	4170	IV	-
26	0.5	GN/YE	6353	III	-	Input Speed Signal	26	0.5	GN/YE	6353	IV	-
27	0.5	YE/BU	4171	III	-	Transmission Position Sensor A 9V Reference	27	0.5	YE/BU	4171	IV	-
28	0.5	GY/BN	5982	III	-	PRNDL B Signal	28	0.5	GY/BN	5982	IV	-
29	0.5	YE/BU	4171	III	-	Transmission Position Sensor A 9V Reference	29	0.5	YE/BU	4171	IV	-
30	0.5	BK/GY	3927	III	-	IMS Mode Switch Low Reference	30	0.5	BK/GY	3927	IV	-
31	0.5	YE/GN	4170	III	-	Transmission Position Sensor B 9V Reference	31	0.5	YE/GN	4170	IV	-
32	0.5	GN/VT	4510	III	-	Transmission Intermediate Speed Signal	32	0.5	GN/VT	4510	IV	-
33	-	-	-	-	-	Not Occupied	33	-	-	-	-	-
34	0.5	GY/YE	4169	III	-	PRNDL S Signal	34	0.5	GY/YE	4169	IV	-
35	0.35	WH/GY	1786	II	LTG	Transmission Park/Neutral Signal 1	35	0.5	WH/GY	1786	IV	LGW/LGX

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
36	-	-	-	-	-	Not Occupied	36	-	-	-	-	-

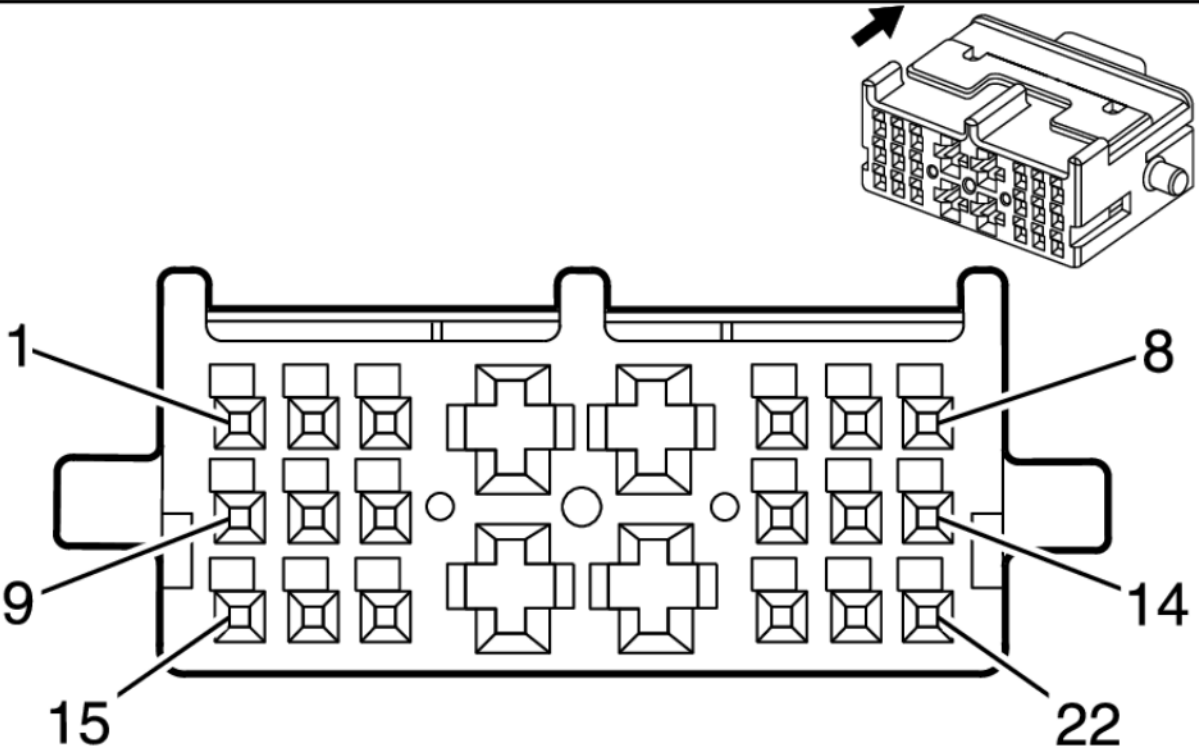
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Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - CT6

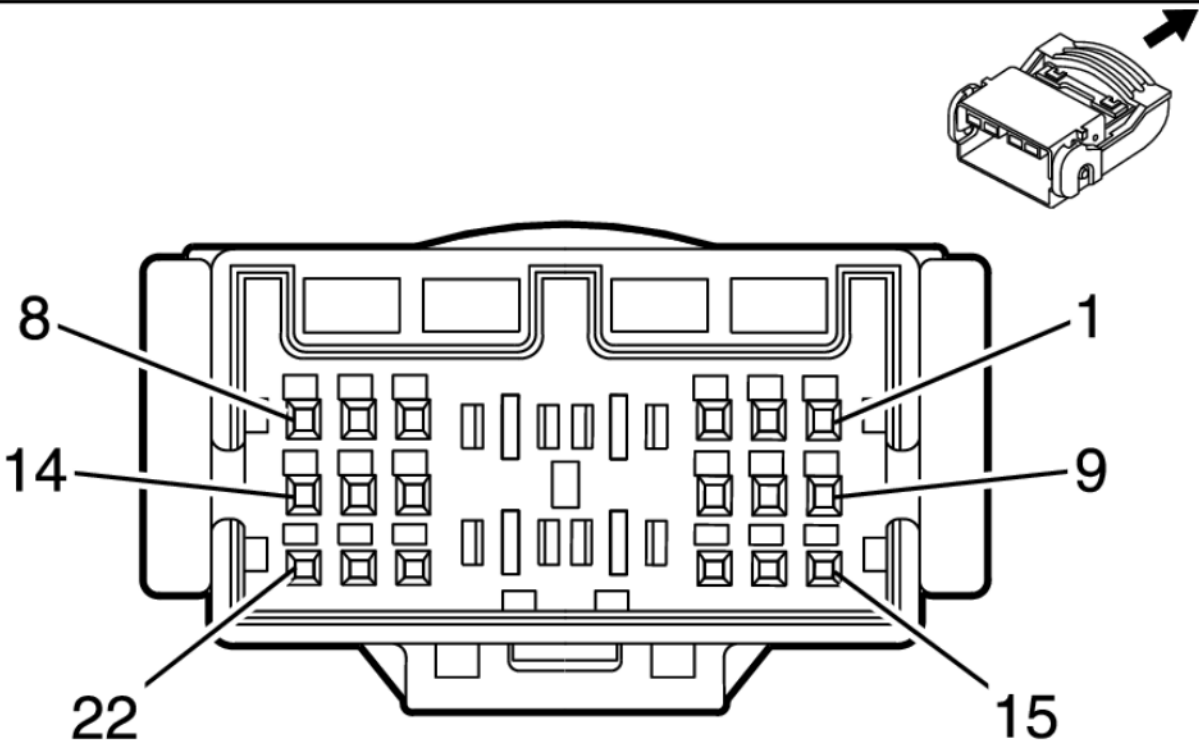
INLINE HARNESS CONNECTOR END VIEWS

X176 TRANSMISSION CASE HARNESS TO TRANSMISSION CONTROL HARNESS



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 1897543-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way F 0.64 Micro-Quadlock, 2.8 Micro-Power Series (NA)



Connector Part Information

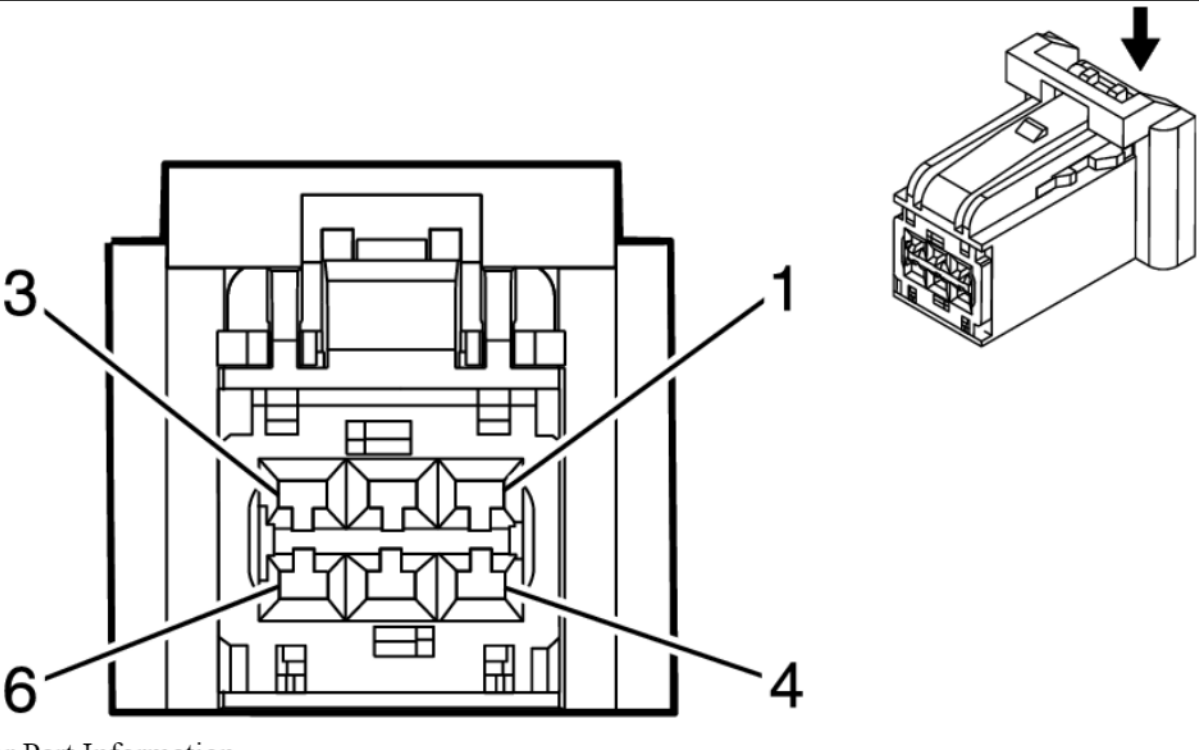
- Harness Type: Transmission Control
- OEM Connector: 1897540-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way M 0.64 Micro-Quadlock, 2.8 Micro-Power Series (NA)

Terminal Part Information

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

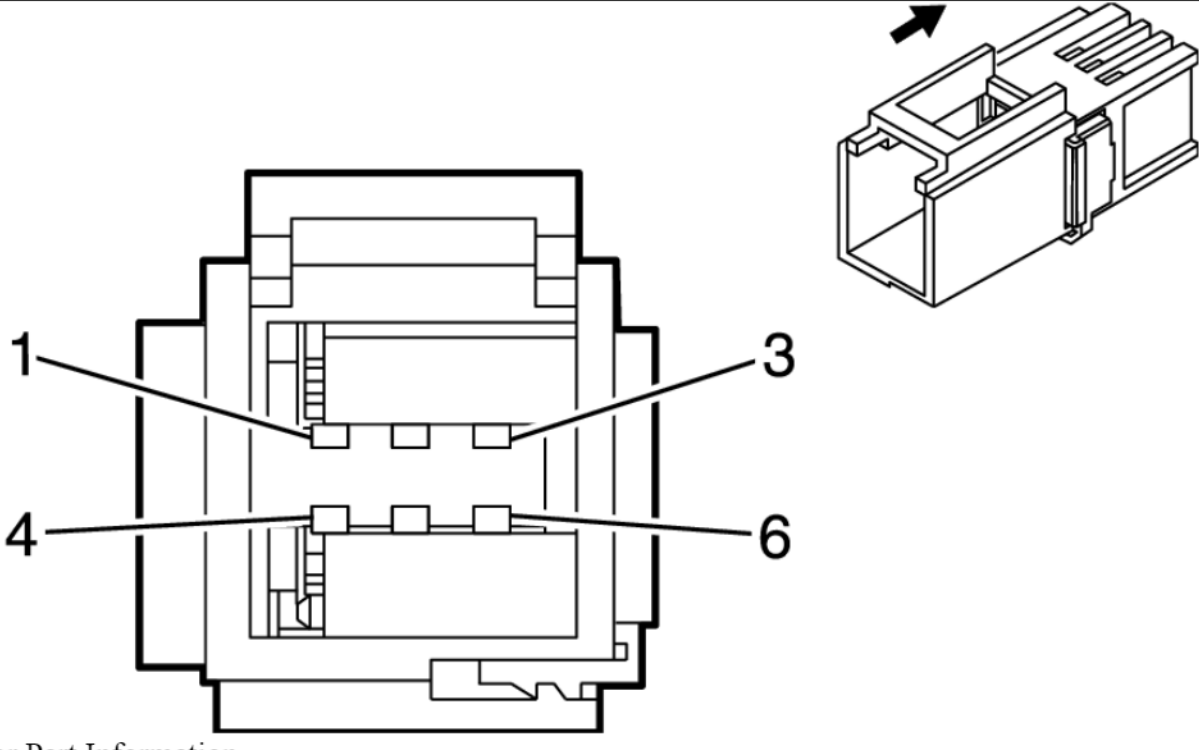
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GN/WH	6380	I	-	TCC On/Off Solenoid A Control	1	0.5	GN/WH	6380	II	-
2	0.5	VT/WH	5981	I	-	PRNDL A Signal	2	0.5	VT/WH	5981	II	-
3	0.5	GY/BN	5982	I	-	PRNDL B Signal	3	0.5	GY/BN	5982	II	-
4	2.5	GN/GY	6387	I	-	Transmission High Side Driver 1 Signal Driver	4	2.5	GN/GY	6387	II	-
5	0.5	YE/BU	4171	I	-	Transmission Position Sensor A 9V Reference	5	0.5	YE/BU	4171	II	-
6	0.5	GY/YE	4169	I	-	PRNDL S Signal	6	0.5	GY/YE	4169	II	-
7	0.5	WH/BU	4507	I	-	Transmission Clutch H Control	7	0.5	WH/BU	4507	II	-
8	0.5	GY/GN	6403	I	-	Clutch D Control	8	0.5	GY/GN	6403	II	-
9	0.5	WH	4508	I	-	Transmission Clutch G Control	9	0.5	WH	4508	II	-
10	0.5	YE/BN	6210	I	-	TCC On/Off Solenoid B Control	10	0.5	YE/BN	6210	II	-
11	0.5	WH/BK	5983	I	-	PRNDL C Signal	11	0.5	WH/BK	5983	II	-
12	0.5	WH/GY	1786	I	-	Transmission Park/Neutral Signal 1	12	0.5	WH/GY	1786	II	-
13	0.5	GY	6402	I	-	Clutch C Control	13	0.5	GY	6402	II	-
14	0.5	YE/BN	6404	I	-	Clutch E Control	14	0.5	YE/BN	6404	II	-
15	0.5	BN/WH	585	I	-	Transmission Oil Temperature Sensor Signal	15	0.5	BN/WH	585	II	-
16	0.5	BK/BN	586	I	-	Transmission Oil Temperature Sensor Low Reference	16	0.5	BK/BN	586	II	-
17	0.5	GY/WH	4168	I	-	PRNDL P Signal	17	0.5	GY/WH	4168	II	-
18	2.5	GY/BN	6388	I	-	Transmission High Side Driver 2 Signal	18	2.5	GY/BN	6388	II	-
19	0.5	YE/GN	4170	I	-	Transmission Position Sensor B 9V Reference	19	0.5	YE/GN	4170	II	-
20	0.5	BK/GY	3927	I	-	IMS Mode Switch Low Reference	20	0.5	BK/GY	3927	II	-
21	0.5	BN	6400	I	-	Clutch A Control	21	0.5	BN	6400	II	-
22	0.5	BU	6401	I	-	Clutch B Control	22	0.5	BU	6401	II	-

X177 TRANSMISSION CASE HARNESS TO TRANSMISSION SPEED SENSOR HARNESS



Connector Part Information

- Harness Type: Transmission Case
- OEM Connector: 13582377
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 1.2 OCS Series (NA)



Connector Part Information

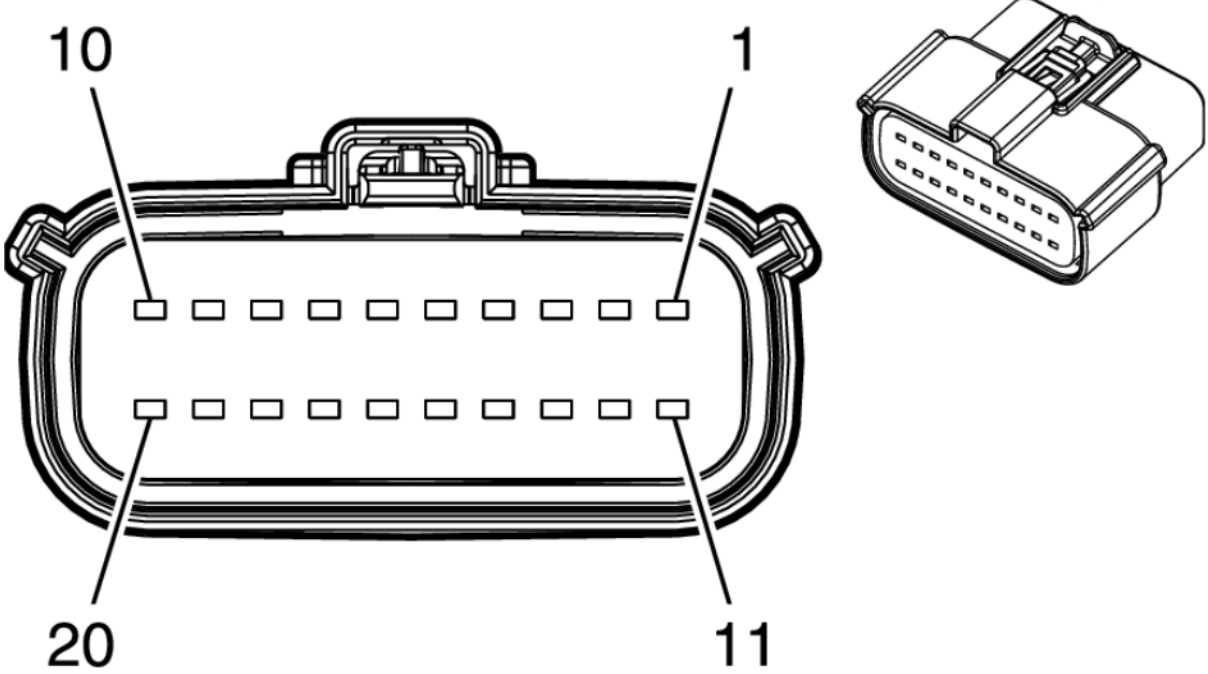
- Harness Type: Transmission Speed Sensor
- OEM Connector: 13582378
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 0.64 II Series (GY)

Terminal Part Information

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

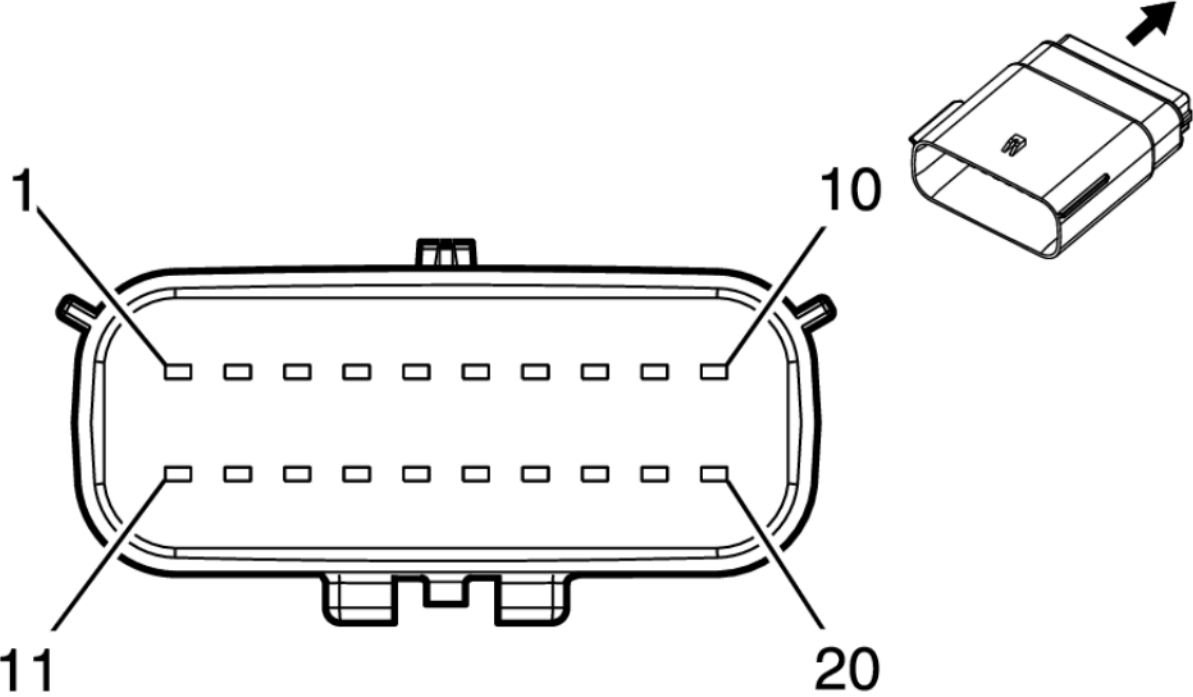
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	GY/BU	6358	I	-	Output Speed Signal	1	0.5	GY/BU	6358	II	-
2	0.5	YE/GN	4170	I	-	Transmission Position Sensor B 9V Reference	2	0.5	YE/GN	4170	II	-
3	0.5	YE/GN	4170	I	-	Transmission Position Sensor B 9V Reference	3	0.5	YE/GN	4170	II	-
4	0.5	YE/BU	4171	I	-	Transmission Position Sensor A 9V Reference	4	0.5	YE/BU	4171	II	-
5	0.5	GN/YE	6353	I	-	Input Speed Signal	5	0.5	GN/YE	6353	II	-
6	0.5	GN/VT	4510	I	-	Transmission Intermediate Speed Signal	6	0.5	GN/VT	4510	II	-

X190 BODY HARNESS TO ENGINE HARNESS



Connector Part Information

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



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33181044
- Service Connector: 19351705
- 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	WH	2368	I	-	Cooling Fan Control Signal	1	0.5	WH	2368	II	-
2	0.5	BU/RD	474	I	-	5V Reference	2	0.5	BU/RD	474	II	-
3	0.5	BU	204	I	-	A/C Low Pressure Sensor Signal	3	0.5	BU	204	II	-
4	0.5	BU/WH	3977	I	-	Accessory Wakeup Serial Data 2	4	0.5	BU/WH	3977	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.35	GN/GY	3853	I	-	Cabin Heater Coolant Motor Control	6	0.5	GN/GY	3853	II	-
7	0.5	BN/BU	3788	I	-	Electric Coolant Motor Control	7	0.5	BN/BU	3788	II	-
8	0.35	VT/YE	3854	I	-	Cabin Heater Coolant Motor Control	8	0.5	VT/YE	3854	II	-
9 - 11	-	-	-	-	-	Not Occupied	9 - 11	-	-	-	-	-
12	0.5	BK/GN	476	I	-	Sensor Low Reference	12	0.5	BK/GN	476	II	-
13 - 14	-	-	-	-	-	Not Occupied	13 - 14	-	-	-	-	-
15	0.35	BN/BU	3852	I	-	Cabin Heater Coolant Motor Feedback Signal	15	0.5	BN/BU	3852	II	-
16	0.5	YE/GN	3789	I	-	Electric Coolant Motor Control	16	0.5	YE/GN	3789	II	-
17	0.5	VT/BU	3790	I	-	Electric Coolant Motor Feedback Signal	17	0.5	VT/BU	3790	II	-
18	0.5	BU/VT	2364	I	-	Cooling Fan Speed Signal	18	0.5	BU/VT	2364	II	-
19 - 20	-	-	-	-	-	Not Occupied	19 - 20	-	-	-	-	-

X210 INSTRUMENT PANEL HARNESS TO BODY HARNESS

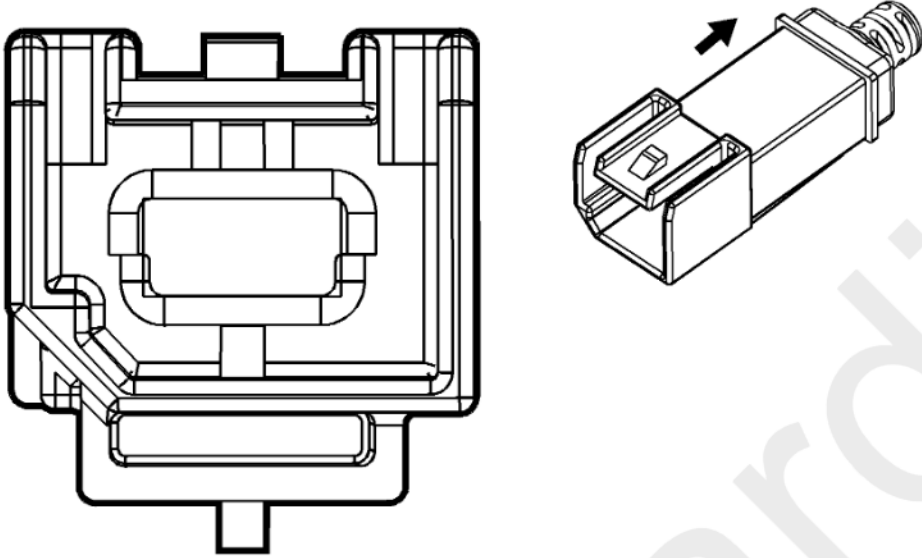
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
IV	13575860	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	C
V	13575860	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13582328	J-35616-35 (VT)	J-38125-36	2-964284-1	Lear 25	E	A
VII	13575574	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	C	A
IX	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
X	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
XI	13575593	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available
XII	13575739	J-35616-21 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	WH/VT	5905	III	-	Key Capture/Column Lock Shift Position Signal Key Capture/Column Lock Shift Position Signal	1	0.35	WH/VT	5905	IX	-
2	0.35	WH	3152	III	UEU/UHX	Lane Departure Warning Indicator Control Lane Departure Warning Indicator Control	2	0.35	WH	3152	IX	UEU/UHX
3	0.35	RD/BU	7640	III	UEU/UHX	Battery Positive Voltage Battery Positive Voltage	3	0.35	RD/BU	7640	IX	UEU/UHX
4	0.35	GY/VT	755	III	-	RAP Relay Coil Control RAP Relay Coil Control	4	0.35	GY/VT	755	IX	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.35	WH/GY	3849	III	TQ5	High Beam Auto On/Off Switch Signal High Beam Auto On/Off Switch Signal	6	0.35	WH/GY	3849	IX	TQ5
7	0.35	WH/YE	2236	II	-	Column Friction Device Engage Control	7	-	-	-	-	-
8	0.35	VT	2235	II	-	Column Friction Device Engage Supply Voltage	8	-	-	-	-	-
9	0.35	VT/GN	2237	II	-	Column Friction Device Relay Control	9	-	-	-	-	-
10	0.35	BN/YE	780	III	-	Driver Door Lock Switch Lock Signal Driver Door Lock Switch Lock Signal	10	0.35	BN	780	IX	-
11	0.35	BN/WH	781	III	-	Driver Door Lock Switch Unlock Signal Driver Door Lock Switch Unlock Signal	11	0.35	WH	781	IX	-
12	0.35	WH/RD	5381	III	-	Brake Position Sensor 5V Reference Brake Position Sensor 5V Reference	12	0.35	WH/RD	5381	IX	-
13	0.35	WH/GN	5380	III	-	Brake Position Sensor Signal Brake Position Sensor Signal	13	0.35	WH/GN	5380	IX	-
14	0.35	BK/YE	5382	III	-	Brake Position Sensor Low Reference Brake Position Sensor Low Reference	14	0.35	BK/YE	5382	IX	-
15	0.35	RD/GN	7740	III	UVH	Battery Positive Voltage Battery Positive Voltage	15	0.35	RD/GN	7740	IX	UVH
16	0.35	BU/BN	7573	III	-	Electric Variable Displacement Supply	16	0.5	BU/BN	7573	IX	-
17	0.35	BU/YE	7574	III	-	Electric Variable Displacement Control	17	0.5	BU/YE	7574	IX	-
18	0.5	GN/BK	3633	III	-	Camshaft Position Sensor Replicated Signal Camshaft Position Sensor Replicated Signal	18	0.5	GN/BK	3633	IX	-
19	0.35	GN/GY	6135	III	-	Local Interconnect Network Serial Data Bus 4 Local Interconnect Network Serial Data Bus 4	19	0.35	GN/GY	6135	IX	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21	0.5	YE/GY	1956	III	UQH	Left Front Tweeter Speaker (-) Low Reference	21	0.5	YE/GY	1956	IX	UQH
22	0.5	YE/BU	1856	III	UQH	Left Front Tweeter Speaker Control (+)	22	0.5	YE/BU	1856	IX	UQH
23	0.35 0.5	WH WH	6106 6106	III III	(F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ))	High Speed GMLAN Serial Data (-) 2 High Speed GMLAN Serial Data (-) 2	23	0.35 0.5 0.35 0.5	WH WH WH WH	6106 6106 6106 6106	IX IX IX IX	(F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ)) (F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ))
24	0.35 0.5	BU/YE BU/YE	6105 6105	III III	(F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ))	High Speed GMLAN Serial Data (+) 2 High Speed GMLAN Serial Data (+) 2	24	0.35 0.5 0.35 0.5	BU/YE BU/YE BU/YE BU/YE	6105 6105 6105 6105	IX IX IX IX	(F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ)) (F55/UFQ/AXY)-UGN (UGN)/(-(UGN/AX7/F55/UFQ))
25	1	BK	1350	III	-	Ground Ground	25	1	BK	1350	VIII	-
26	0.35	GN/BU	6133	III	-	Local Interconnect Network Serial Data Bus 2 Local Interconnect Network Serial Data Bus 2	26	0.35	GN/BU	6133	IX	-
27	0.5	WH/BN	6815	III	-	Inadvertent Power Control Inadvertent Power Control	27	0.5	WH/BN	6815	IX	-
28	0.5	VT/GY	539	III	-	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	28	0.5	VT/GY	539	IX	-
29	0.35	GY/WH	3272	III	-	Remote Function Actuator Control Remote Function Actuator Control	29	0.13	GY/WH	3272	XI	-
30	0.35	GY	3273	III	-	Remote Function Actuator Low Reference Remote Function Actuator Low Reference	30	0.13	GY	3273	XI	-
31	0.35	YE/GN	3274	III	-	Remote Function Actuator Transmit Signal Remote Function Actuator Transmit Signal	31	0.13	YE/GN	3274	XI	-
32	0.35	GY/GN	1102	III	-	Low Speed GMLAN Serial Data #2	32	0.35	GY/GN	1102	IX	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
33	0.35	GY/GN	5996	III	-	Driver Outside Rear View Mirror Puddle Lamp Control Driver Outside Rear View Mirror Puddle Lamp Control	33	0.35	GY/GN	5996	IX	-
34	0.5	BK/OG	7491	II	B3T	Left Hood Actuator Low Control	34	0.5	BK/OG	7491	IX	B3T
35	0.5	WH/RD	7492	II	B3T	Left Hood Actuator High Control	35	0.5	WH/RD	7492	IX	B3T
36	0.5	BN/BU	2176	II	-	Inertia Sensor #2 Supply Voltage	36	-	-	-	-	-
37	0.5	BU/VT	3813	III	-	High Speed GMLAN Serial Data (+) 4	37	-	-	-	-	-
38	0.5	WH	3811	III	-	High Speed GMLAN Serial Data (-) 4	38	-	-	-	-	-
39	-	-	-	-	-	Not Occupied	39	-	-	-	-	-
40	0.5	GY/BK	1974	III	UQA/UQS	Left Front Speaker (-) 2 Low Reference Left Front Speaker (-) 2 Low Reference	40	0.5	GY/BK	1974	IX	UQA/UQS
41	0.5	BU/VT	1874	III	UQA/UQS	Left Front Speaker Control (+) 2 Left Front Speaker Control (+) 2	41	0.5	BU/VT	1874	IX	UQA/UQS
42 - 44	-	-	-	-	-	Not Occupied	42 - 44	-	-	-	-	-
45	0.35	BU/GY	3935	III	-	High Speed GMLAN Serial Data (+) 8	45	0.35	BU/GY	3935	IX	-
46	0.35	WH/GY	3936	III	-	High Speed GMLAN Serial Data (-) 8	46	0.35	WH/GY	3936	IX	-
47	0.35	BU/GN	1304	III	-	High Speed GMLAN Serial Data (+) 9	47	0.35	BU/GN	1304	IX	-
48	0.35	WH/GN	1305	III	-	High Speed GMLAN Serial Data (-) 9	48	0.35	WH/GN	1305	IX	-
49	0.5	WH	3811	III	UGN	High Speed GMLAN Serial Data (-) 4 High Speed GMLAN Serial Data (-) 4	49	0.35	WH	3811	IX	UGN
50	0.5	BU/VT	3813	III	UGN	High Speed GMLAN Serial Data (+) 4 High Speed GMLAN Serial Data (+) 4	50	0.35	BU/VT	3813	IX	UGN
51	0.35	BU/WH	3977	III	-	Accessory Wakeup Serial Data 2	51	0.35	BU/WH	3977	IX	-
52	0.75	RD/VT	4040	III	-	Battery Positive Voltage Battery Positive Voltage	52	1	RD/VT	4040	VIII	-
53	0.35	GN/WH	7530	III	-	Local Interconnect Network Serial Data Bus 8 Local Interconnect Network Serial Data Bus 8	53	0.35	GN/WH	7530	IX	-
54	0.35	BU	3275	III	-	Remote Function Actuator Receive Signal Remote Function Actuator Receive Signal	54	0.13	BU	3275	XI	-
55	0.35	BN/WH	419	III	-	Check Engine Indicator Control Check Engine Indicator Control	55	0.35	BN/WH	419	IX	-
56	0.35	BU	2500	III	-	High Speed GMLAN Serial Data (+) 1	56	0.35	BU	2500	IX	-
57	0.35	WH	2501	III	-	High Speed GMLAN Serial Data (-) 1	57	0.35	WH	2501	IX	-
58	0.35	GN/WH	4115	III	KA6	Local Interconnect Network Serial Data Bus 15 Local Interconnect Network Serial Data Bus 15	58	0.35	GN/WH	4115	IX	KA6
59	0.75	BU/VT	807	III	ULS	OFF /Accessory Ignition Voltage	59	0.75	BU/VT	807	X	ULS
60	-	-	-	-	-	Not Occupied	60	-	-	-	-	-
61	0.75	RD/BU	5240	III	KA1	Battery Positive Voltage Battery Positive Voltage	61	0.75	RD/BU	5240	X	KA1
62	0.35	VT/BK	7553	III	-	Park Lock Solenoid Control Park Lock Solenoid Control	62	0.35	VT/BK	7553	IX	-
63	0.5	BU/VT	3813	II	-	High Speed GMLAN Serial Data (+) 4	63	-	-	-	-	-
64	0.5	WH	3811	II	-	High Speed GMLAN Serial Data (-) 4	64	-	-	-	-	-
65	0.35	RD/GN	8440	II	-	Battery Positive Voltage	65	-	-	-	-	-
66 - 67	-	-	-	-	-	Not Occupied	66 - 67	-	-	-	-	-
68	0.35	VT/GY	139	III	-	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	68	0.5	VT/WH	239	IX	-
69	-	-	-	-	-	Not Occupied	69	-	-	-	-	-
70	0.35	BU/GY	3935	III	-	High Speed GMLAN Serial Data (+) 8	70	0.35	BU/GY	3935	IX	-
71	0.35	WH/GY	3936	III	-	High Speed GMLAN Serial Data (-) 8	71	0.35	WH/GY	3936	IX	-
72	0.35	BU/VT	1134	III	-	Park Brake Switch Signal Park Brake Switch Signal	72	0.35	BU/VT	1134	IX	-
73	0.35	BN	6107	III	-	Park Brake Apply Switch Signal Park Brake Apply Switch Signal	73	0.35	BN	6107	IX	-
74	0.35	GY/RD	7684	III	-	Park Brake Apply Switch Voltage Reference Park Brake Apply Switch Voltage Reference	74	0.35	GY/RD	7684	IX	-
75	0.35	BU/BK	6108	III	-	Park Brake Release Switch Signal Park Brake Release Switch Signal	75	0.35	BU/BK	6108	IX	-

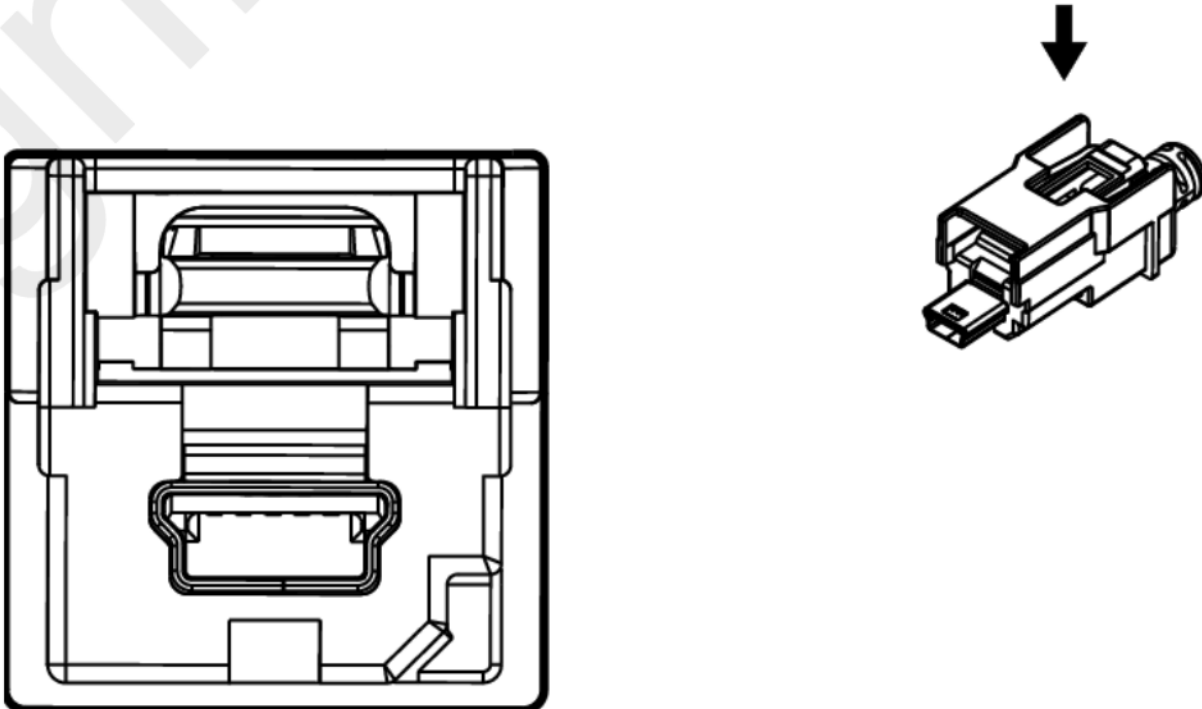
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
76	0.35	YE/RD	7683	III	-	Park Brake Release Switch Voltage Reference Park Brake Release Switch Voltage Reference	76	0.35	YE/RD	7683	IX	-
77	0.35	YE	1492	III	-	Park Brake Switch Supply Voltage Park Brake Switch Supply Voltage	77	0.35	YE	1492	IX	-
78	0.35	GY/GN	1102	II	-	Low Speed GMLAN Serial Data #2	78	-	-	-	-	-
79	0.35	WH/YE	3731	III	UQH	Center Speaker Limit Switch Up Signal	79	0.35	WH/YE	3731	IX	UQH
80	0.35	WH/BN	3729	III	UQH	Center Speaker Output Motor Speed Signal	80	0.35	WH/BN	3729	IX	UQH
81	0.35	WH/BU	3728	III	UQH	Center Speaker Output Motor Move Direction Signal	81	0.35	WH/BU	3728	IX	UQH
82	-	-	-	-	-	Not Occupied	82	-	-	-	-	-
83	0.35	GY/GN	1102	III	-	Low Speed GMLAN Serial Data #2	83	0.35	GY/GN	1102	IX	-
84	0.35	GY/BU	3727	III	UQH	Center Speaker Input Motor Diagnostic Signal	84	0.35	GY/BU	3727	IX	UQH
85	0.35	VT/WH	3730	III	UQH	Center Speaker Limit Switch Down Signal	85	0.35	VT/WH	3730	IX	UQH
86 - 89	-	-	-	-	-	Not Occupied	86 - 89	-	-	-	-	-
90	2.5	BK	1350	I	-	Ground	90	2.5	BK	1350	XII	-
91 - 96	-	-	-	-	-	Not Occupied	91 - 96	-	-	-	-	-
97	0.5 1.5	BU/YE BU/YE	1960 1960	IV V	UQA/UQS UQH	Front Center Speaker (-) Low Reference Front Center Speaker (-) Low Reference Front Center Speaker (-) Low Reference	97	0.75 1.5	BU/YE BU/YE	1960 1960	VII VII	UQA/UQS UQH
98	0.5 1.5	YE/WH YE/WH	1860 1860	IV V	UQA/UQS UQH	Front Center Speaker Control (+) Front Center Speaker Control (+) Front Center Speaker Control (+)	98	0.75 1.5	YE/WH YE/WH	1860 1860	VII VII	UQA/UQS UQH
99	-	-	-	-	-	Not Occupied	99	-	-	-	-	-
100	0.5	BU/GN	1304	VI	-	High Speed GMLAN Serial Data (+)9	100	-	-	-	-	-
101	0.5	WH/GN	1305	VI	-	High Speed GMLAN Serial Data (-)9	101	-	-	-	-	-
102	-	-	-	-	-	Not Occupied	102	-	-	-	-	-

X213 FLOOR CONSOLE HARNESS TO INSTRUMENT PANEL USB HARNESS



Connector Part Information

- Harness Type: Floor Console USB
- OEM Connector: 13578976
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way F 2.0 Mini-B USB Type (BK)



Connector Part Information

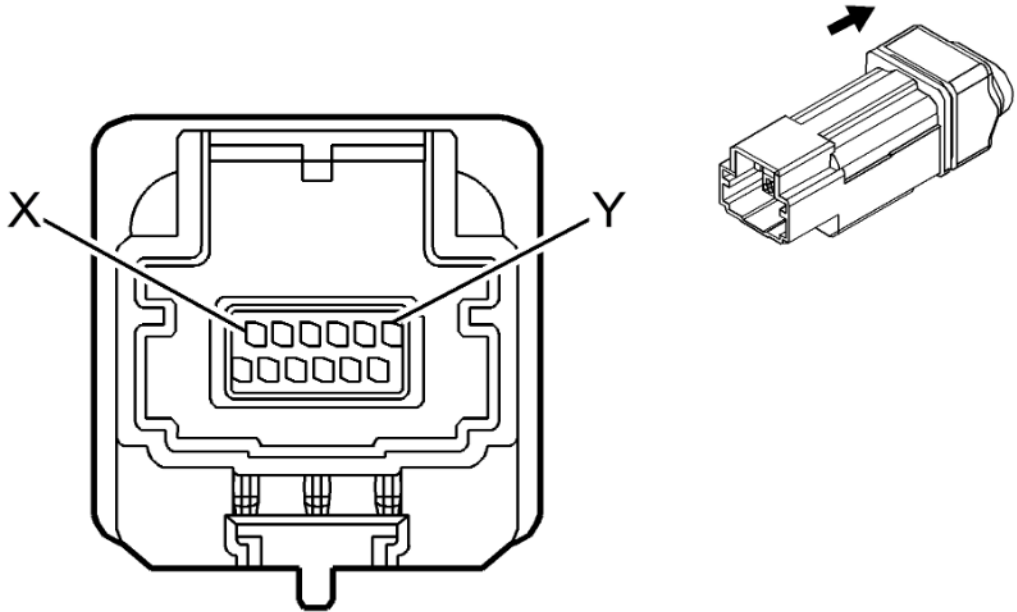
- Harness Type: Instrument Panel USB
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

Terminal Part Information

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

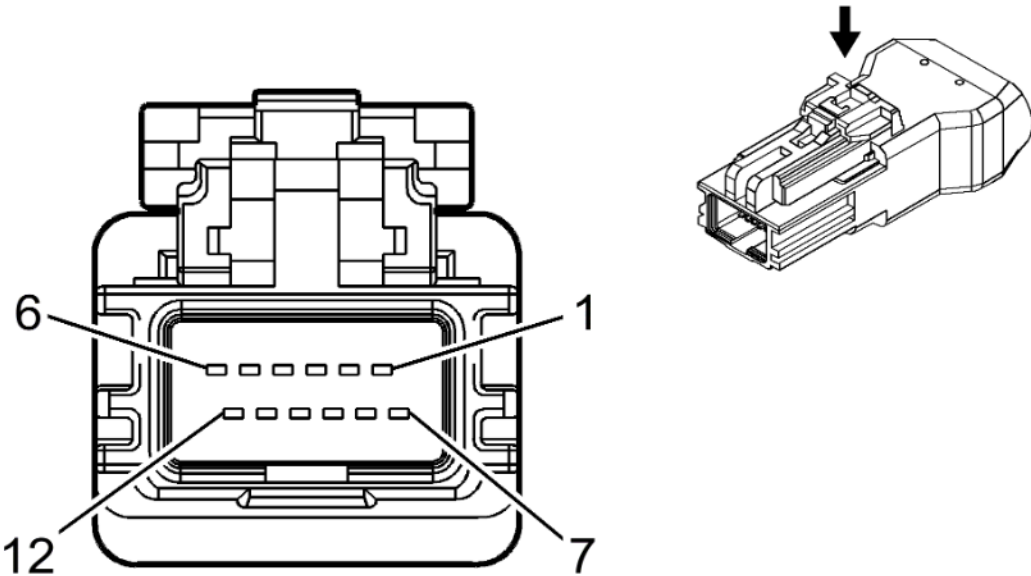
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	USB	-	I	-	USB Serial Data	-	-	USB	-	I	-

X214 FLOOR CONSOLE LVDS HARNESS TO INSTRUMENT PANEL LVDS HARNESS (CW1/UWG)



Connector Part Information

- Harness Type: Floor Console LVDS



Connector Part Information

- Harness Type: Instrument Panel LVDS

2019. 08. 06.

• OEM Connector: 13581657 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 12-Way F 2.0 HSAL-2 Series (BK)	• OEM Connector: 13581658 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 12-Way M 2.0 HSAL-2 Series (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	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	Navigation Display Signal	-	-	LVDS	-	I	-

X215 HEADLINER HARNESS TO INSTRUMENT PANEL HARNESS

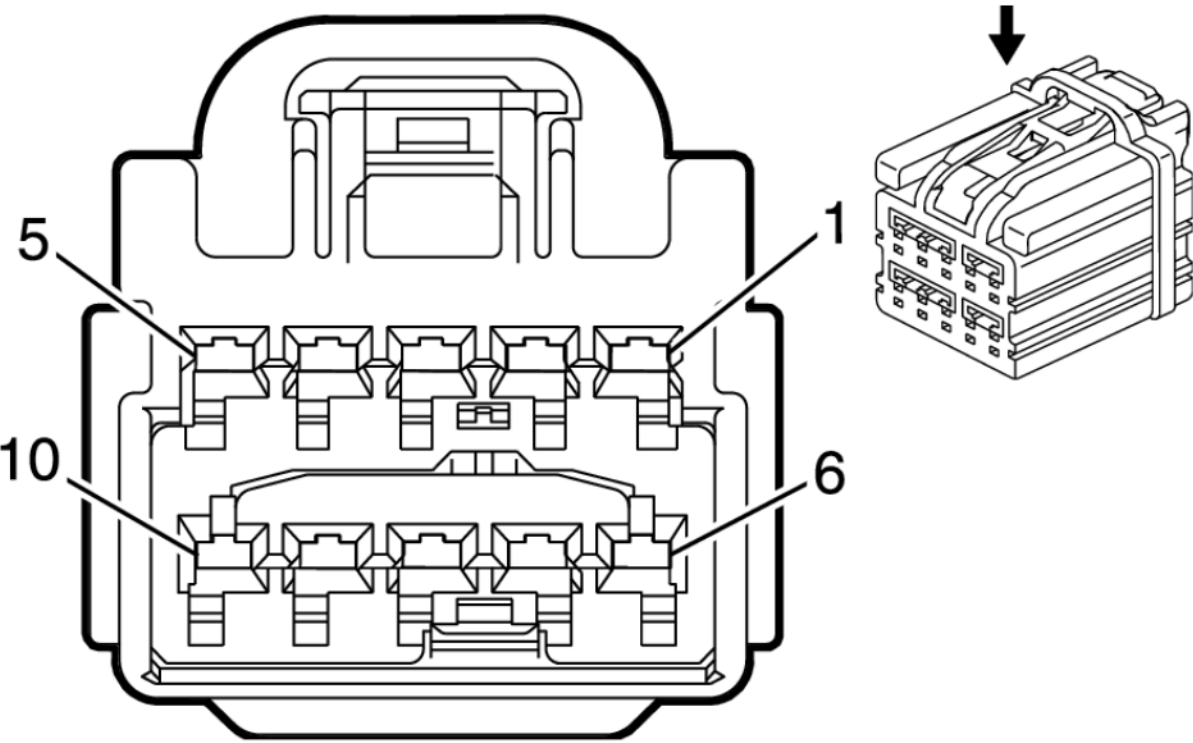


Diagram of the X215 Headliner Connector. It shows a top view with terminals labeled 1, 5, 6, and 10. A side view shows the connector being inserted into the headliner harness, indicated by a downward arrow.

Connector Part Information

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

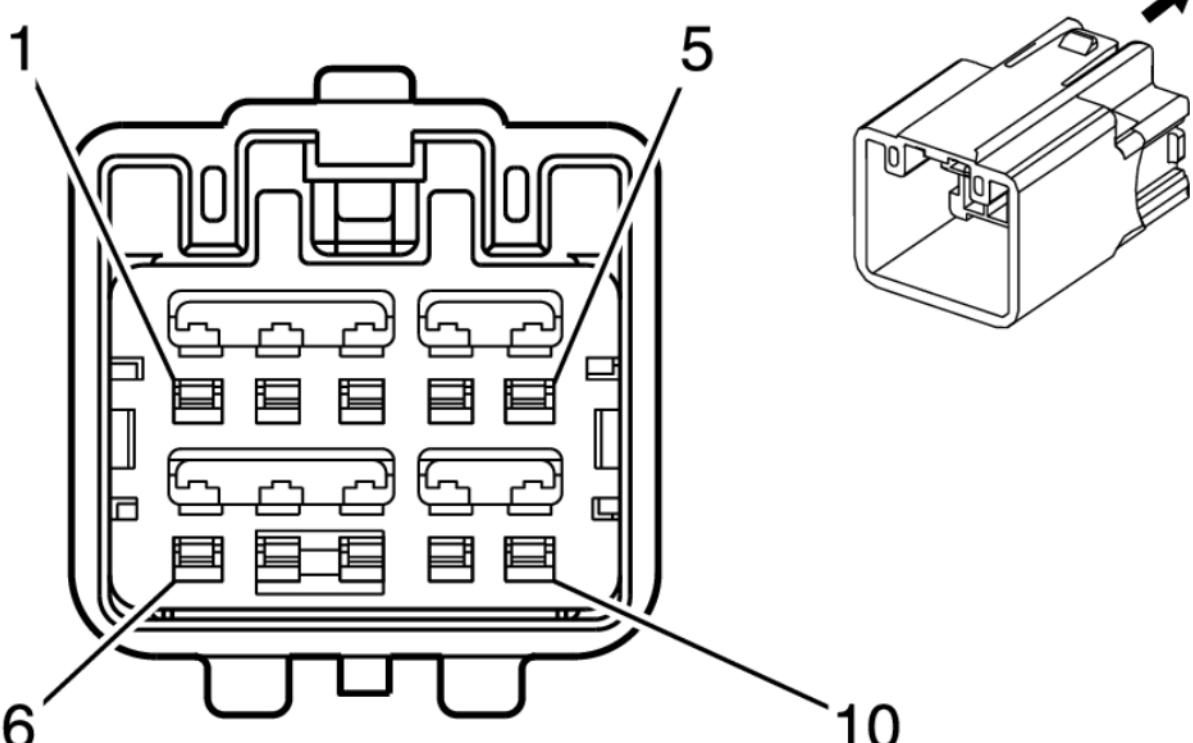


Diagram of the X215 Instrument Panel Connector. It shows a top view with terminals labeled 1, 5, 6, and 10. A side view shows the connector being inserted into the instrument panel harness, indicated by an upward arrow.

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846817
- Service Connector: 88988272
- 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	19300638	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	19301756	J-35616-14 (GN)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	13575818	J-35616-3 (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available
IV	19300638	J-35616-41 (BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/GN	7558	II	-	LED Ambient Lighting Control 2	1	0.35	VT/GN	7558	III	-
2	0.35	GY/GN	328	II	-	Interior Lamp Defeat Switch Signal	2	0.13	GN	328	IV	-
3	0.5	BN	6815	II	-	Inadvertent Power Control	3	0.5	BN	6815	III	-
4	0.35	WH	6816	II	-	Indicator Dimming Control	4	0.35	WH	6816	III	-
5	0.5	BK	1450	II	-	Ground	5	0.5	BK	1450	III	-
6	0.5	VT/GY	539	II	-	Run/Crank Ignition 1 Voltage	6	0.5	VT/GY	539	III	-
7	0.13	VT	5234	I	-	Passenger Seat Belt Indicator Control	7	0.35	VT/WH	5234	III	-
8	0.13	BU	2307	I	-	Passenger Air Bag On Indicator Control	8	0.35	BU	2307	III	-
9	0.13	GN	2308	I	-	Passenger Air Bag Off Indicator Control	9	0.35	GN	2308	III	-
10	0.35	YE	6817	II	-	LED Backlight Dimming Control	10	0.35	YE	6817	III	-

X216 HEADLINER HARNESS TO INSTRUMENT PANEL HARNESS

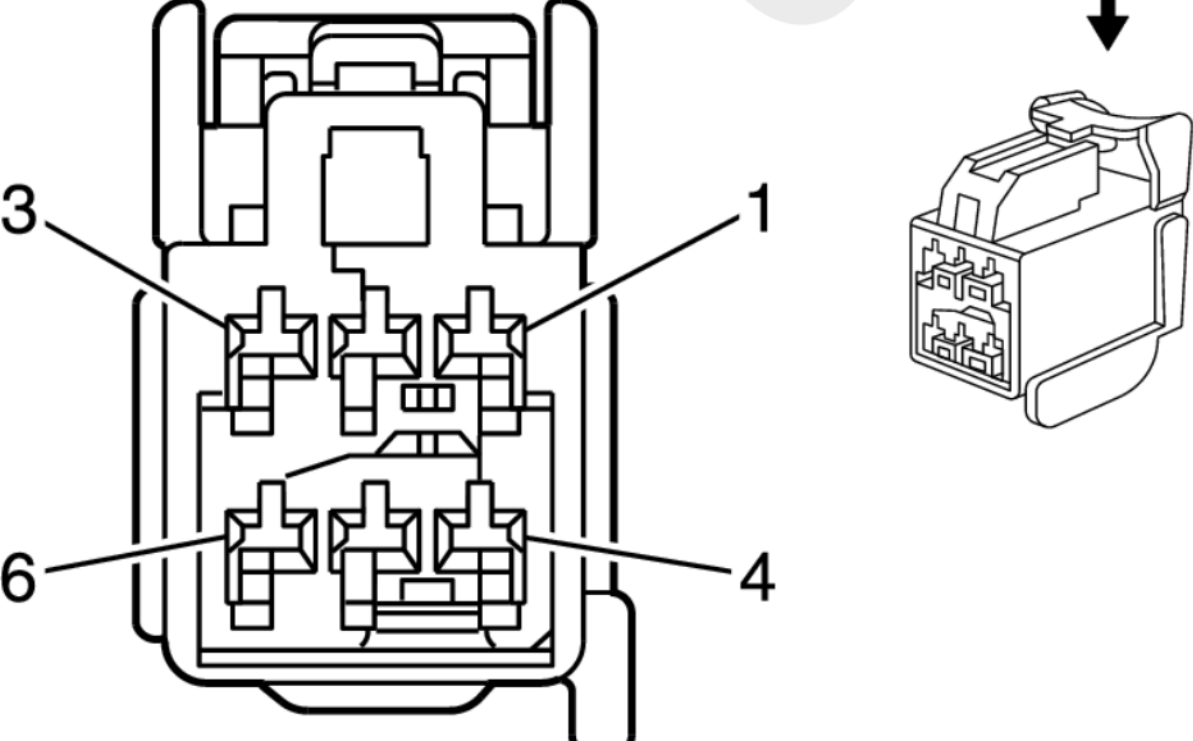


Diagram of the X216 Headliner Connector. It shows a top view with terminals labeled 1, 3, 4, and 6. A side view shows the connector being inserted into the headliner harness, indicated by a downward arrow.

Connector Part Information

- Harness Type: Headliner
- OEM Connector: 10846805
- Service Connector: 89046849
- Description: 6-Way F 1.5 Kaizen Series (L-GY)

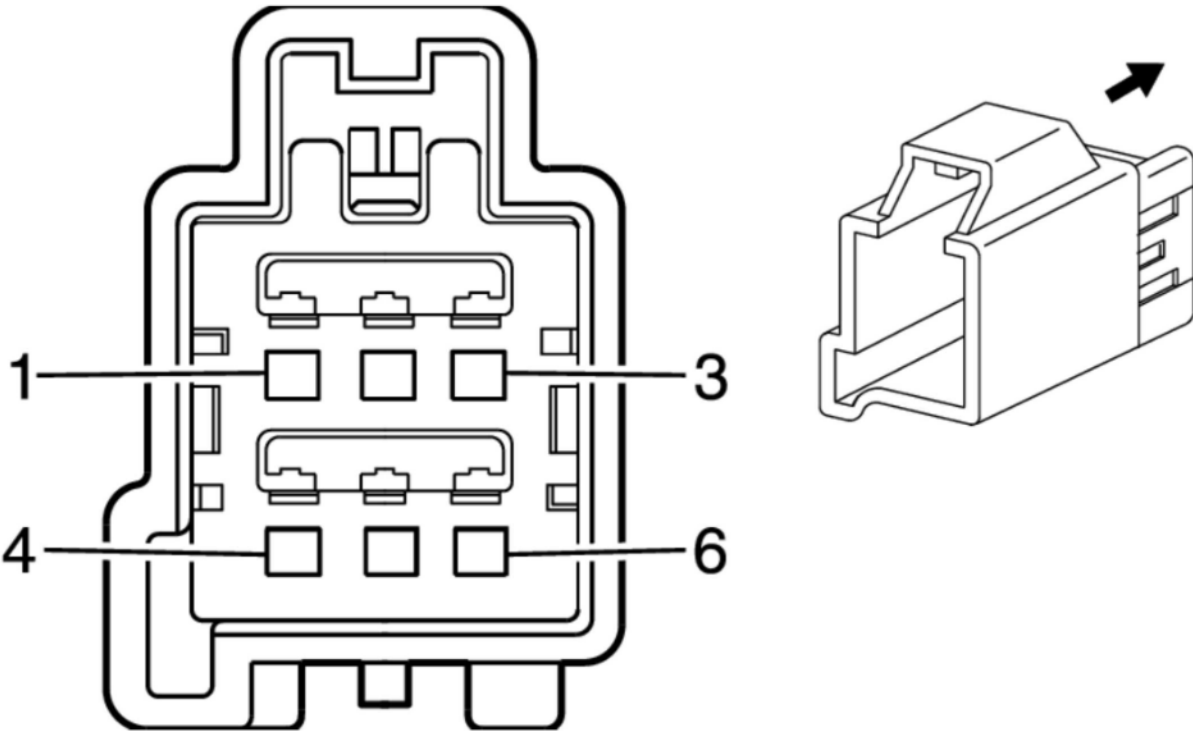


Diagram of the X216 Instrument Panel Connector. It shows a top view with terminals labeled 1, 3, 4, and 6. A side view shows the connector being inserted into the instrument panel harness, indicated by an upward arrow.

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846804
- Service Connector: 89046743
- Description: 6-Way M 1.5 Series (L-GY)

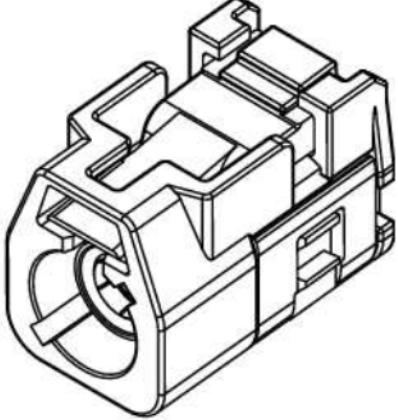
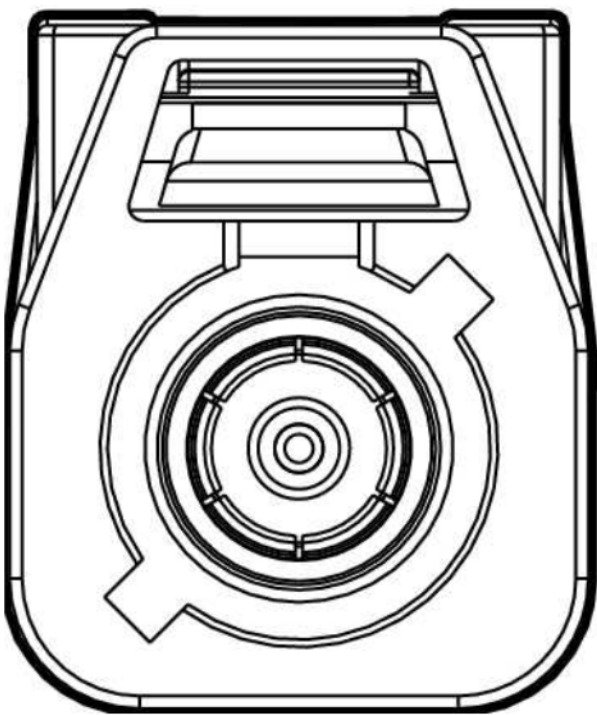
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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
1	0.35	GN/BK	2515	I	UE1	Keypad Control	1	0.13	GN	2515	II	UE1

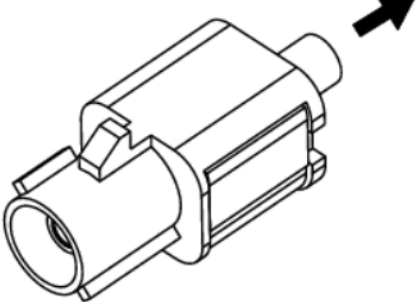
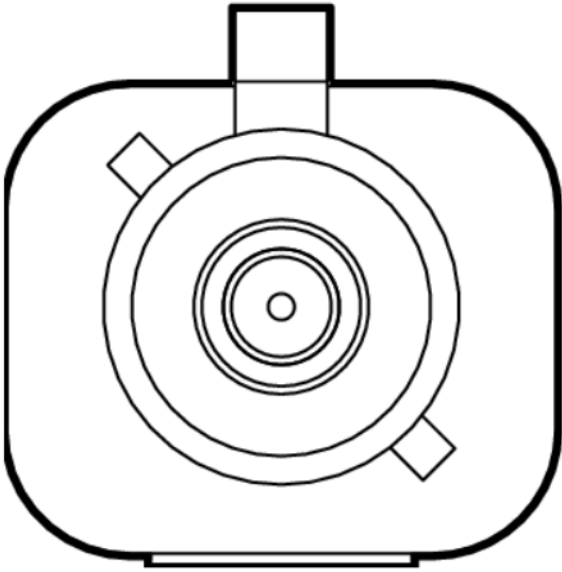
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.5	BK/BN	654	I	-	Cellular Telephone Microphone Low Reference Cellular Telephone Microphone Low Reference	2	0.35	BK/BN	654	II	-
3	0.5	BU	655	I	-	Cellular Telephone Microphone Signal Cellular Telephone Microphone Signal	3	0.35	BU	655	II	-
4	0.35	GN/WH	2514	I	UE1	Keypad Signal	4	0.13	GN/WH	2514	II	UE1
5	0.35	YE/VT	2516	I	UE1	Keypad Green LED Control	5	0.13	YE	2516	II	UE1
6	0.35	BN/WH	2517	I	UE1	Keypad Red LED Control	6	0.13	BN/WH	2517	II	UE1

X218 BODY COAX HARNESS TO INSTRUMENT PANEL COAX HARNESS (IO6-UE1)



Connector Part Information

- Harness Type: Body COAX
- OEM Connector: 13592022
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type



Connector Part Information

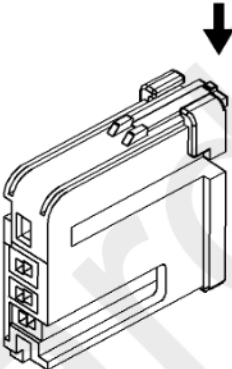
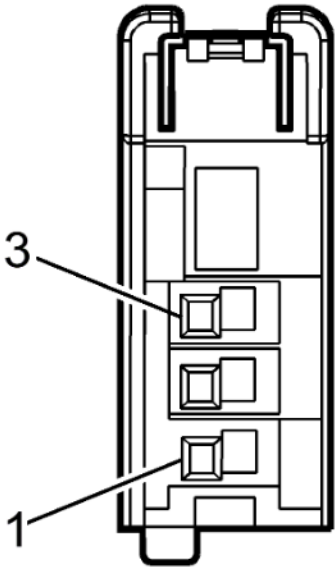
- Harness Type: Instrument Panel COAX
- OEM Connector: 13592021
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type

Terminal Part Information

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

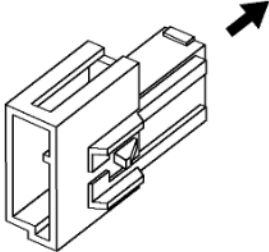
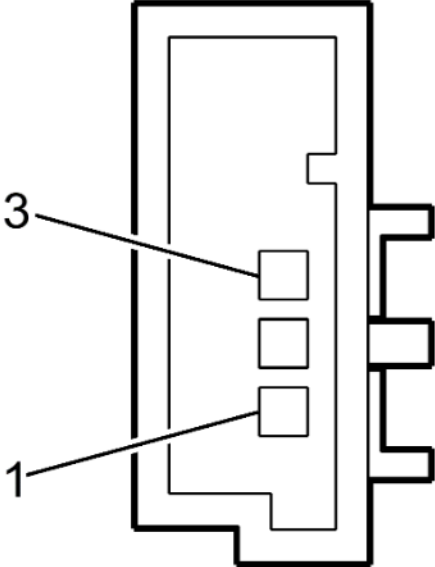
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	Coax	-	I	-	(GPS only) Coaxial Antenna GPS Signal	-	-	Coax	-	I	-

X219 RAIN SENSOR JUMPER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Rain Sensor Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F



Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	RD/BU	4540	I	-	Battery Positive Voltage Battery Positive Voltage	1	0.35	RD/BU	4540	II	-
1	0.35	RD/BU	4540	I	-	Battery Positive Voltage Battery Positive Voltage	1	0.35	RD/BU	4540	II	-
2	0.35	GN/BN	6132	I	-	Local Interconnect Network Serial Data Bus 1 Local Interconnect Network Serial Data Bus 1	2	0.35	GN/BN	6132	II	-
2	0.35	GN/BN	6132	I	-	Local Interconnect Network Serial Data Bus 1 Local Interconnect Network Serial Data Bus 1	2	0.35	GN/BN	6132	II	-
3	0.35	BK	2150	I	-	Ground Ground	3	0.35	BK	2150	II	-
3	0.35	BK	2150	I	-	Ground Ground	3	0.35	BK	2150	II	-

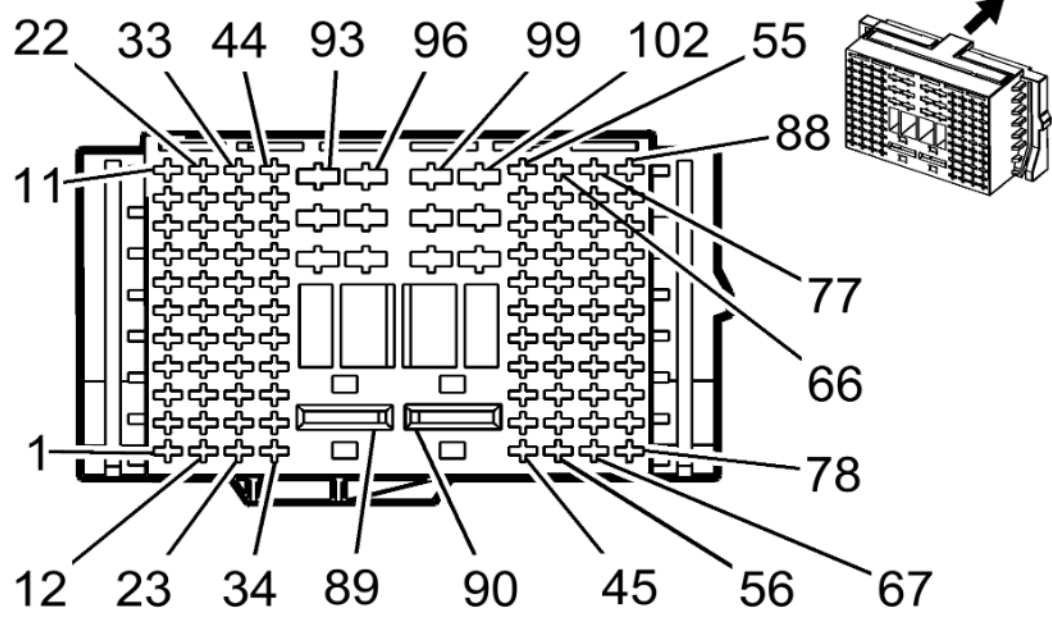
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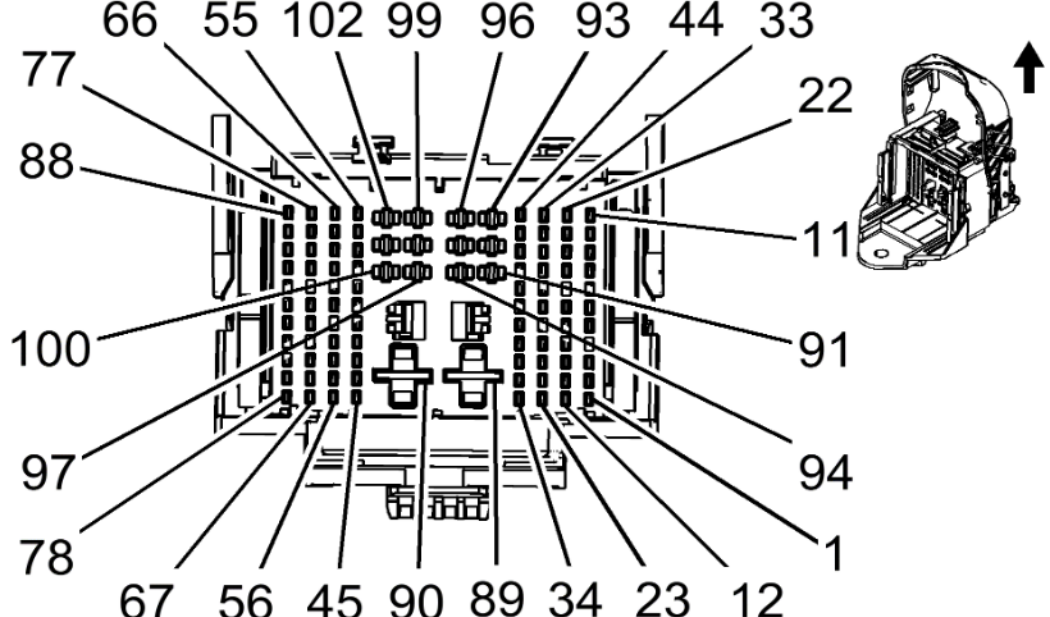
INLINE HARNESS CONNECTOR END VIEWS

X220 INSTRUMENT PANEL HARNESS TO BODY HARNESS



Connector Part Information

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



Connector Part Information

- Harness Type: Body
- OEM Connector: 13957518
- Service Connector: 19119508
- Description: 102-Way M 1.6, 2.8, 8.0 Timer Series

Terminal Part Information

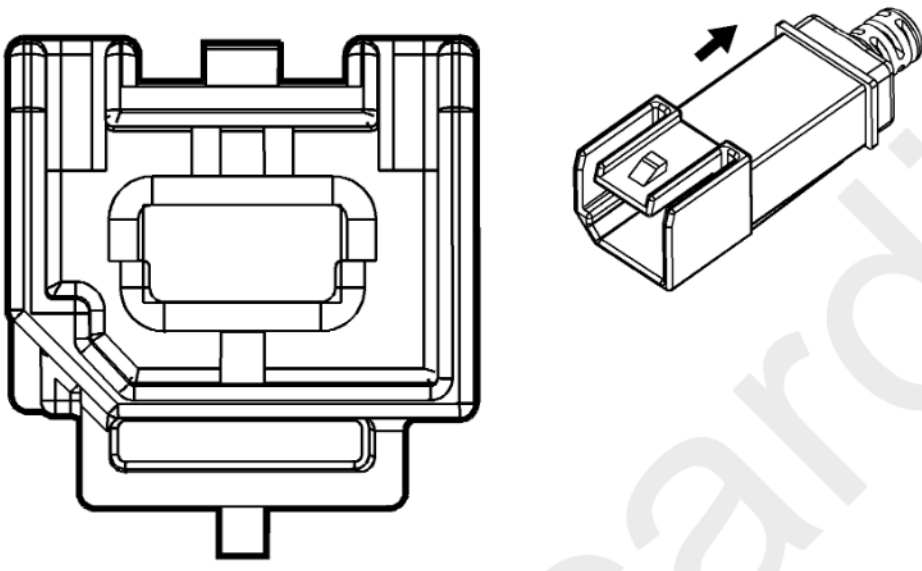
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575520	J-35616-22 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available
II	13575538	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575539	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575760	J-35616-14 (GN)	J-38125-560	964274-2	Lear 16	E	1
V	13575781	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13575860	J-35616-4A (PU)	J-38125-36	964280-2	Yazaki 15	E	C
VII	13587366	J-35616-22 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available
VIII	13575574	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	C	A
X	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
XI	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
XII	13575739	J-35616-21 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available
XIII	13587368	J-35616-21 (RD)	J-38125-221	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BARE	6974	IV	-	Camera Low Reference Camera Low Reference	1	0.35	BARE	6974	X	-
2	0.35	GY/YE	6972	IV	-	Camera Signal 2 + Camera Signal 2 +	2	0.35	GY/YE	6972	X	-
3	0.35	WH/BU	6973	IV	-	Camera Signal 2 Camera Signal 2	3	0.35	WH/BU	6973	X	-
4	0.35	RD/GN	4440	IV	-	Battery Positive Voltage Battery Positive Voltage	4	0.35	RD/GN	4440	X	-
5	0.35	GY/VT	3998	IV	-	MOST Serial Data (+) MOST Serial Data (+)	5	0.35	GY/VT	3998	X	-
6	0.35	WH/GN	3997	IV	-	MOST Serial Data (-) MOST Serial Data (-)	6	0.35	WH/GN	3997	X	-
7	0.35	GY/GN	4083	IV	-	RAP Relay 2 Coil Control RAP Relay 2 Coil Control	7	0.35	GY/GN	4083	X	-
8	0.35	VT	1701	IV	KI6/KI7	Retained Accessory Power Ignition Retained Accessory Power Ignition	8	0.35	VT	1701	X	KI6/KI7
9	0.35	GN/BU	4119	IV	C24/KEM	Local Interconnect Network Serial Data Bus 19 Local Interconnect Network Serial Data Bus 19	9	0.35	GN/BU	4119	X	C24/KEM
10	0.5	BK/YE	645	IV	-	Sensor Low Reference Sensor Low Reference	10	0.35	BK/YE	645	X	-
11	0.5	BN/VT	9573	IV	C24	-	11	0.5	BN/VT	9573	X	C24
12	0.35	VT/BU	3263	IV	-	Logistic Mode Relay Open Control Logistic Mode Relay Open Control	12	0.35	VT/BU	3263	X	-
13	0.35	GY/VT	3264	IV	-	Logistic Mode Relay Close Control Logistic Mode Relay Close Control	13	0.35	GY/VT	3264	X	-
14	0.35	BN/YE	9518	IV	C24	-	14	0.35	BN/YE	9518	X	C24
15	0.35	BN/YE	9520	IV	C24	-	15	0.35	BN/YE	9520	X	C24
16	0.75	VT/BN	1952	IV	UQH	Right Front Tweeter Speaker (-) Low Reference	16	0.75	VT/BN	1952	XI	UQH
17	0.75	BN/GN	1852	IV	UQH	Right Front Tweeter Speaker Control (+)	17	0.75	BN/GN	1852	XI	UQH
18	0.35	WH	7494	IV	-	High Speed GMLAN Serial Data (-)3	18	0.5	WH	7494	X	-
19	0.35	BU/BK	7493	IV	-	High Speed GMLAN Serial Data (+)3	19	0.5	BU/BK	7493	X	-
20	0.35	BN/VT	193	IV	-	Rear Defog Relay Control Rear Defog Relay Control	20	0.35	BN/VT	193	X	-
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.5	WH/BU	5986	IV	-	Serial Data Communication Enable	22	0.5	WH/BU	5986	X	-
23	0.35	WH/VT	3999	IV	-	MOST Control MOST Control	23	0.35	WH/VT	3999	X	-
24	0.35	GN/BU	7532	IV	-	Local Interconnect Network Serial Data Bus 10 Local Interconnect Network Serial Data Bus 10	24	0.35	GN/BU	7532	X	-
25	0.35	GN/BK	2211	IV	C24	Rear Blower Motor Speed Control	25	0.35	GN/BK	2211	X	C24

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
26	0.35	BN/BK	405	IV	-	Lower Air Temperature Sensor Signal Lower Air Temperature Sensor Signal	26	0.35	BN/BK	405	X	-
27	0.35	BN	9519	IV	C24	-	27	0.35	BN	9519	X	C24
28	0.5	RD/YE	3740	IV	-	Battery Positive Voltage	28	0.5	RD/YE	3740	X	-
29	0.75	RD/BN	2240	IV	-	Battery Positive Voltage Battery Positive Voltage	29	0.75	RD/BN	2240	XI	-
30	0.5 0.35	BARE BARE	5345 1782	IV IV	CW1 UE1	Low Reference Auxiliary Audio Low Reference 1 Low Reference	30	0.35 0.5 0.35	BARE BARE BARE	1782 5345 1782	X X X	UE1 CW1 UE1
31	0.35 0.35	BU/WH YE	2062 658	II IV	CW1 UE1	Cellular Telephone Voice Signal Navigation Audio High Mono Signal Cellular Telephone Voice Signal	31	0.35 0.35 0.35	YE BU/WH YE	658 2062 658	X X X	UE1 CW1 UE1
32	0.35 0.35	VT/BU BK/YE	2061 659	II IV	CW1 UE1	Cellular Telephone Voice Low Reference Navigation Audio Low Mono Signal Cellular Telephone Voice Low Reference	32	0.35 0.35 0.35	BK/YE VT/BU BK/YE	659 2061 659	X X X	UE1 CW1 UE1
33	0.5	BN/GN	4502	II	CW1	Video Display Request Signal	33	0.5	BN/GN	4502	X	CW1
34	0.5	BU/VT	4609	II	CW1	Audio Request Signal	34	0.5	BU/VT	4609	X	CW1
35	0.35	VT/BK	3	IV	-	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	35	0.35	VT/BK	3	X	-
36	0.5	GN/YE	7066	II	CW1	Entertainment Remote Enable Signal	36	0.5	GN/YE	7066	X	CW1
37	0.35	VT/YE	4	IV	-	Accessory Ignition Voltage Accessory Ignition Voltage	37	0.35	VT/YE	4	X	-
38	0.35	YE/VT	3956	IV	-	Charging Status Indicator Control	38	0.5	YE/VT	3956	X	-
39	0.35	GY/GN	3957	IV	-	Charging Pilot Signal Indicator Control	39	0.5	GY/GN	3957	X	-
40	0.5	BN/BK	1975	IV	UQA/UQS	Right Front Speaker (-) 2 Low Reference Right Front Speaker (-) 2 Low Reference	40	0.75	BN/BK	1975	XI	UQA/UQS
41	0.5	GN/BU	1875	IV	UQA/UQS	Right Front Speaker Control (+) 2 Right Front Speaker Control (+) 2	41	0.75	GN/BU	1875	XI	UQA/UQS
42	0.35	GN/BU	7532	II	CW1	Local Interconnect Network Serial Data Bus 10	42	0.35	GN/BU	7532	X	CW1
43	0.35	BU/BN	3161	IV	-	Parallel Park Assist Disable Switch Signal	43	0.35	BU/BN	3161	X	-
44	-	-	-	-	-	Not Occupied	44	-	-	-	-	-
45	1	RD/BU	8340	III	-	Battery Positive Voltage	45	-	-	-	-	-
46	0.5	BU/RD	6044	II	-	Steering Angle Sensor 5V Reference	46	-	-	-	-	-
47	0.35	GY/VT	3808	IV	UV3	Front Object Sensor Control 2 Front Object Sensor Control 2	47	0.35	GY/VT	3808	X	UV3
48	0.35	GN/VT	1601	IV	ULS	Steering Column Lock Signal Steering Column Lock Signal	48	0.35	GN/VT	1601	X	ULS
49	0.35	BN/WH	1218	IV	-	Upper Mode Valve Motor Control Upper Mode Valve Motor Control	49	0.35	BN/WH	1218	X	-
50	0.35	YE/BK	3185	IV	-	Mode Door Stepper Motor Rear Control 1 Mode Door Stepper Motor Rear Control 1	50	0.35	YE/BK	3185	X	-
51	0.35	GN/BK	3186	IV	-	Mode Door Stepper Motor Rear Control 2 Mode Door Stepper Motor Rear Control 2	51	0.35	GN/BK	3186	X	-
52	0.35	BU/BK	3187	IV	-	Mode Door Stepper Motor Rear Control 3 Mode Door Stepper Motor Rear Control 3	52	0.35	BU/BK	3187	X	-
53	0.35	GY/BK	3188	IV	-	Mode Door Stepper Motor Rear Control 4 Mode Door Stepper Motor Rear Control 4	53	0.35	GY/BK	3188	X	-
54	0.5	BARE	3375	IV	CW1	Auxiliary Audio Low Reference 3	54	0.5	BARE	3375	X	CW1
55	0.35	GN	3376	II	CW1	Auxiliary Audio Common Signal 3	55	0.35	GN	3376	X	CW1
56	0.35	VT	3377	II	CW1	Left Auxiliary Audio Signal 3	56	0.35	VT	3377	X	CW1
57	0.35	BN	3378	II	CW1	Right Auxiliary Audio Signal 3	57	0.35	BN	3378	X	CW1
58	0.35	GN/WH	4115	IV	KA6	Local Interconnect Network Serial Data Bus 15 Local Interconnect Network Serial Data Bus 15	58	0.35	GN/WH	4115	X	KA6
59	1	YE/BK	117	IV	UQH	Right Front Speaker Signal (-) 1	59	1	YE/BK	117	IX	UQH
60	1	YE	200	IV	UQH	Right Front Speaker Control (+) 1	60	1	YE	200	IX	UQH
61	0.5	BN/BK	1953	IV	UQH	Right Front Midrange Speaker (-) Low Reference	61	0.75	BN/BK	1953	XI	UQH
62	0.5	WH/YE	1853	IV	UQH	Right Front Midrange Speaker Control (+)	62	0.75	WH/YE	1853	XI	UQH
63	0.35	BU/BK	7493	IV	-	High Speed GMLAN Serial Data (+)3	63	0.5	BU/BK	7493	X	-
64	0.35	WH	7494	IV	-	High Speed GMLAN Serial Data (-)3	64	0.5	WH	7494	X	-
65	0.35	WH	2501	IV	-	High Speed GMLAN Serial Data (-) 1	65	0.35	WH	2501	X	-
66	0.35	BU	2500	IV	-	High Speed GMLAN Serial Data (+) 1	66	0.35	BU	2500	X	-
67	0.35	GY/GN	1102	IV	-	Low Speed GMLAN Serial Data #2	67	0.35	GY/GN	1102	X	-
68	0.35	GY/GN	1102	IV	-	Low Speed GMLAN Serial Data #2	68	0.35	GY/GN	1102	X	-
69	-	-	-	-	-	Not Occupied	69	-	-	-	-	-
70	0.35	BU/GY	3935	IV	-	High Speed GMLAN Serial Data (+) 8	70	0.35	BU/GY	3935	X	-
71	0.35	WH/GY	3936	IV	-	High Speed GMLAN Serial Data (-) 8	71	0.35	WH/GY	3936	X	-
72	0.35	GN	36	IV	-	Coolant Temperature Signal	72	-	-	-	-	-
73	0.35	GN/BK	3558	IV	-	Passive Start Switch Signal 2 Passive Start Switch Signal 2	73	0.35	GN/BK	3558	X	-

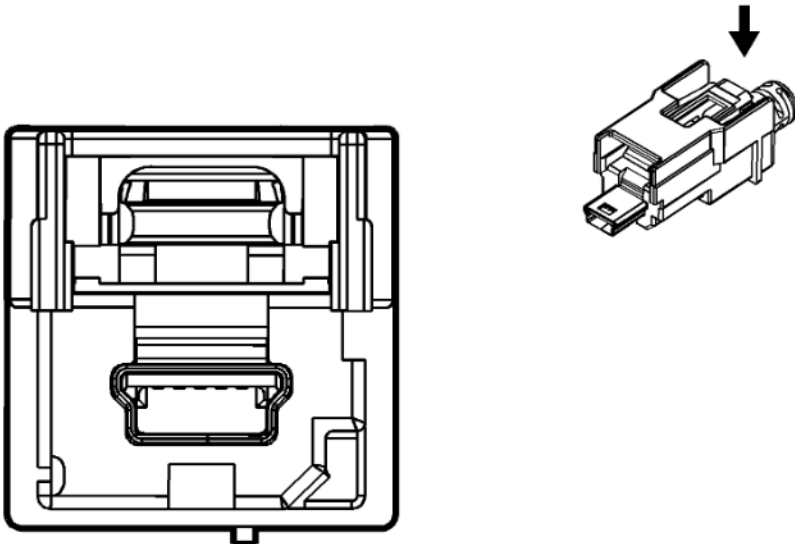
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
74	0.35	BK/BN	6102	IV	-	Inside Air Temperature Sensor Low Reference	74	-	-	-	-	-
75	0.35	VT	185	IV	-	Low Washer Fluid Indicator Control Low Washer Fluid Indicator Control	75	0.35	VT	185	X	-
76	0.35	BK/GY	3559	IV	-	Passive Start Switch 2 Low Reference Passive Start Switch 2 Low Reference	76	0.35	BK/GY	3559	X	-
77	0.35	WH	3811	II	UGN/UVZ	High Speed GMLAN Serial Data (-) 4	77	0.35	WH	3811	X	UGN/UVZ
78	0.35	BU/VT	3813	IV	UGN/UVZ	High Speed GMLAN Serial Data (+) 4 High Speed GMLAN Serial Data (+) 4	78	0.35	BU/VT	3813	X	UGN/UVZ
79	0.35 0.35	WH BU/BN	3811 3161	IV II	UGN UKG	High Speed GMLAN Serial Data (-) 4 Parallel Park Assist Disable Switch Signal	79	0.35 0.35	WH BU/BN	3811 3161	X X	UGN UKG
80	0.35	GY/GN	2555	IV	-	Rear Park Assist Disable Signal Rear Park Assist Disable Signal	80	0.35	GY/GN	2555	X	-
81	0.35	GN/BN	5852	IV	-	Rear Park Assist LED Disable Signal Rear Park Assist LED Disable Signal	81	0.35	GN/BN	5852	X	-
82	-	-	-	-	-	Not Occupied	82	-	-	-	-	-
83	0.35	GN/GY	3853	IV	-	Cabin Heater Coolant Motor Control	83	0.35	GN/GY	3853	X	-
84	-	-	-	-	-	Not Occupied	84	-	-	-	-	-
85	0.35	VT/WH	5203	IV	-	Air Quality Sensor Signal Air Quality Sensor Signal	85	0.35	VT/WH	5203	X	-
86	0.35	VT	2801	IV	-	Retained Accessory Power Fuse Ignition Retained Accessory Power Fuse Ignition	86	0.35	VT	2801	X	-
87	0.35	BN/BU	3852	IV	-	Cabin Heater Coolant Motor Feedback Signal	87	0.35	BN/BU	3852	X	-
88	0.35	VT/YE	3854	IV	-	Cabin Heater Coolant Motor Control	88	0.35	VT/YE	3854	X	-
89	6	RD/GN	242	VII	-	Battery Positive Voltage	89	6	RD/GN	242	XIII	-
90	4	RD/WH	342	I	-BT3	Battery Positive Voltage	90	4	RD/WH	342	XII	-
91 - 96	-	-	-	-	-	Not Occupied	91 - 96	-	-	-	-	-
97	0.5	BU/GN	6433	VI	-	CAN Bus High Serial Data	97	0.5	BU/GN	6433	VIII	-
98	0.5	WH	6432	VI	-	CAN Bus Low Serial Data	98	0.5	WH	6432	VIII	-
99	1.5	RD/BU	2540	V	-	Battery Positive Voltage	99	-	-	-	-	-
100	0.5	BK/WH	1751	VI	-	Signal Ground Signal Ground	100	0.5	BK/WH	1751	VIII	-
101 - 102	-	-	-	-	-	Not Occupied	101 - 102	-	-	-	-	-

X221 INSTRUMENT PANEL LVDS HARNESS TO BODY LVDS HARNESS (UV3)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way F



Connector Part Information

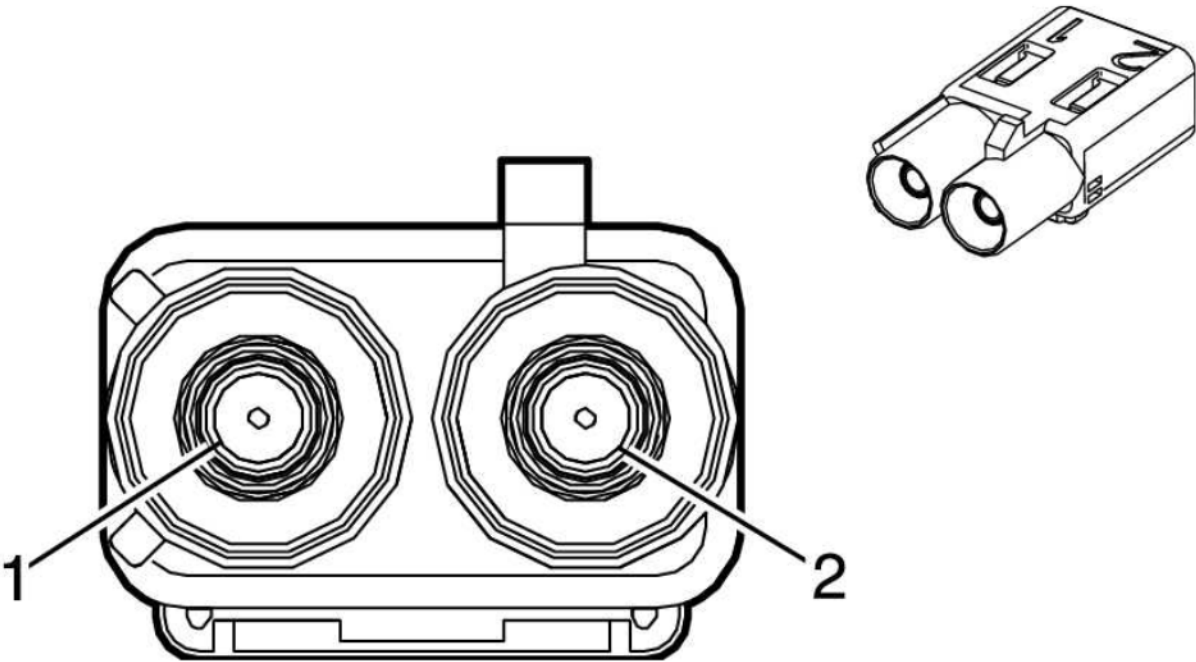
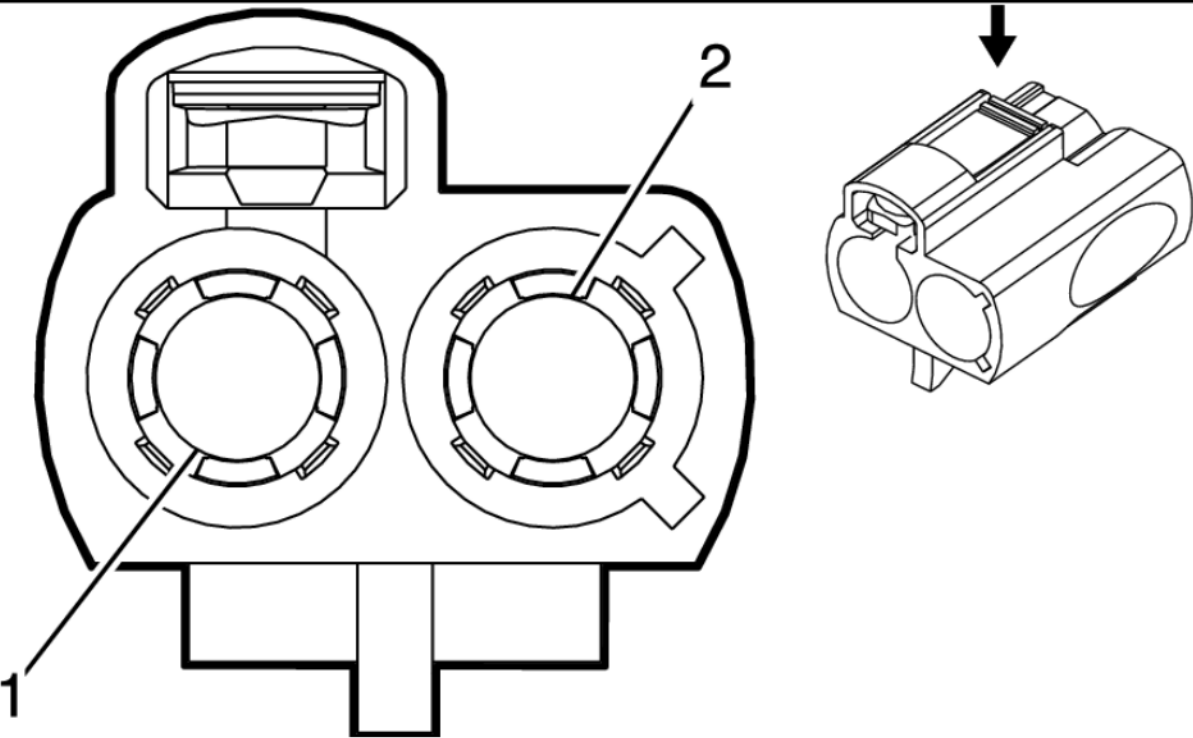
- Harness Type: Body LVDS
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	(PDR) Front Vision Camera #2	-	-	LVDS	-	I	-

X222 BODY COAX HARNESS TO INSTRUMENT PANEL COAX HARNESS (UE1)



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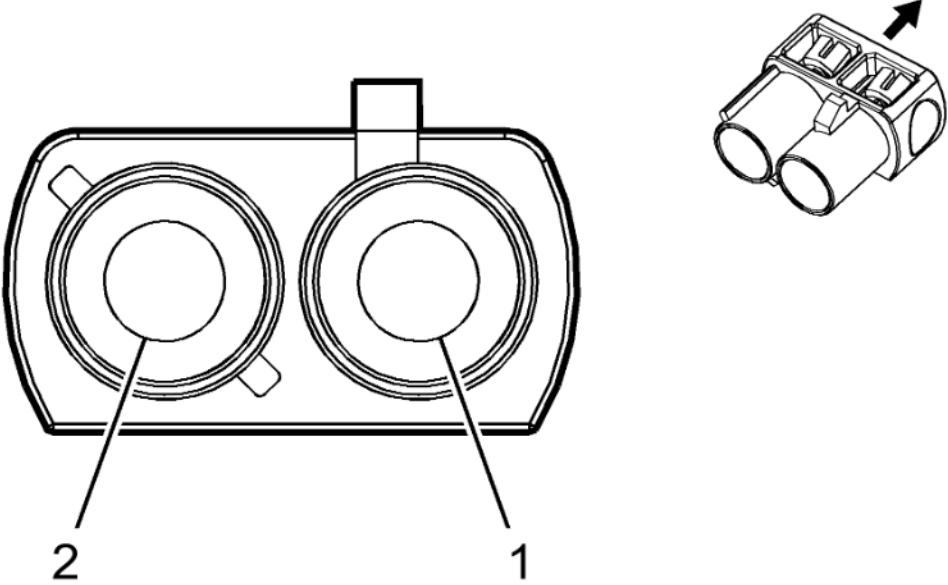
Connector Part Information	Connector Part Information
• Harness Type: Body COAX • OEM Connector: 13583911 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 2-Way F Coax Type (PU)	• Harness Type: Instrument Panel COAX • OEM Connector: 13583909 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 2-Way M Coax Type (VT)

Terminal Part Information

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

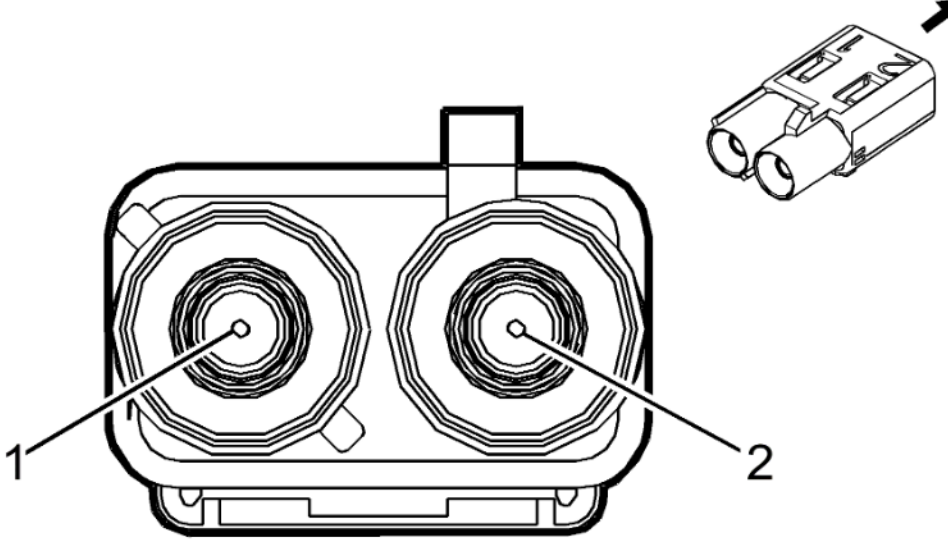
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	Coax	-	I	-	(GPS/Cell) Coaxial Antenna Cell/GPS combined Signal	-	-	Coax	-	I	-

X230 INSTRUMENT PANEL COAX HARNESS TO BODY COAX HARNESS (CW1)



Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 2-Way F Coax Type



Connector Part Information

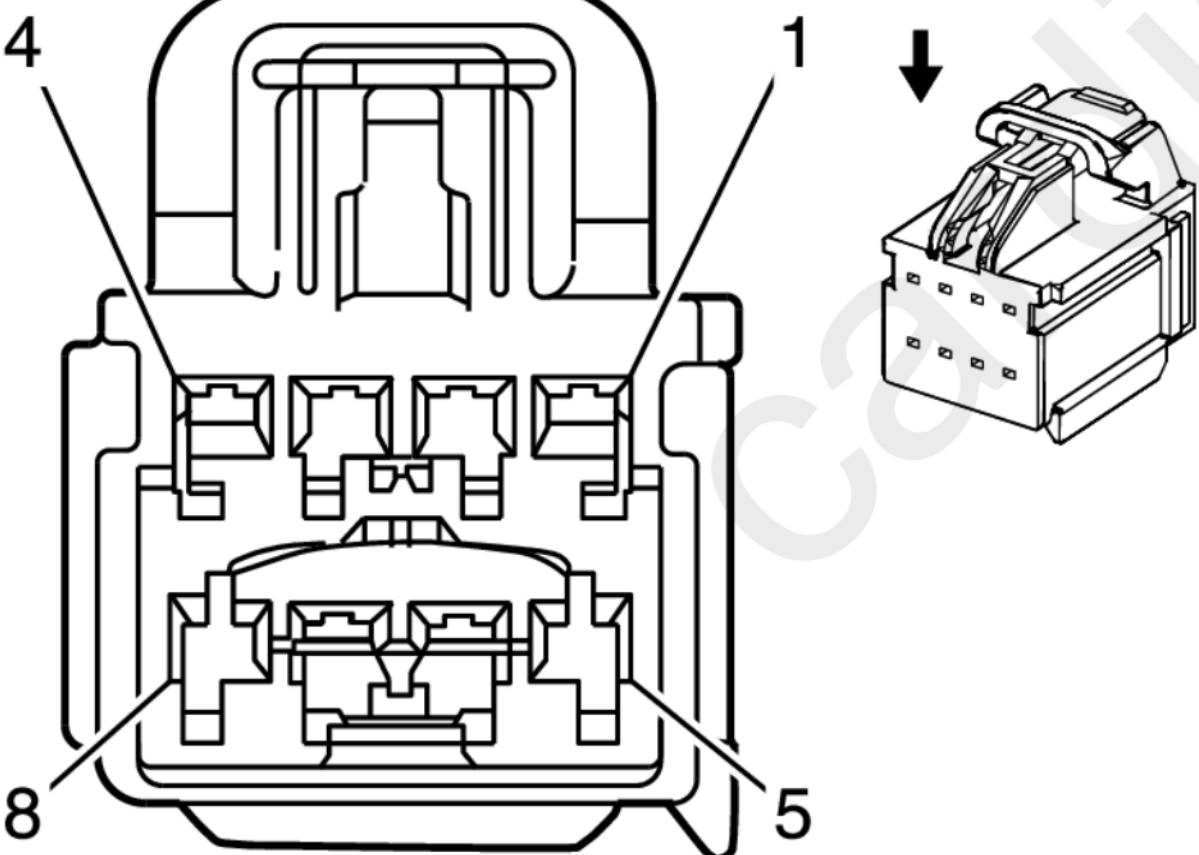
- Harness Type: Body COAX
- OEM Connector: 13581709
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 2-Way M Coax Type (BU)

Terminal Part Information

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

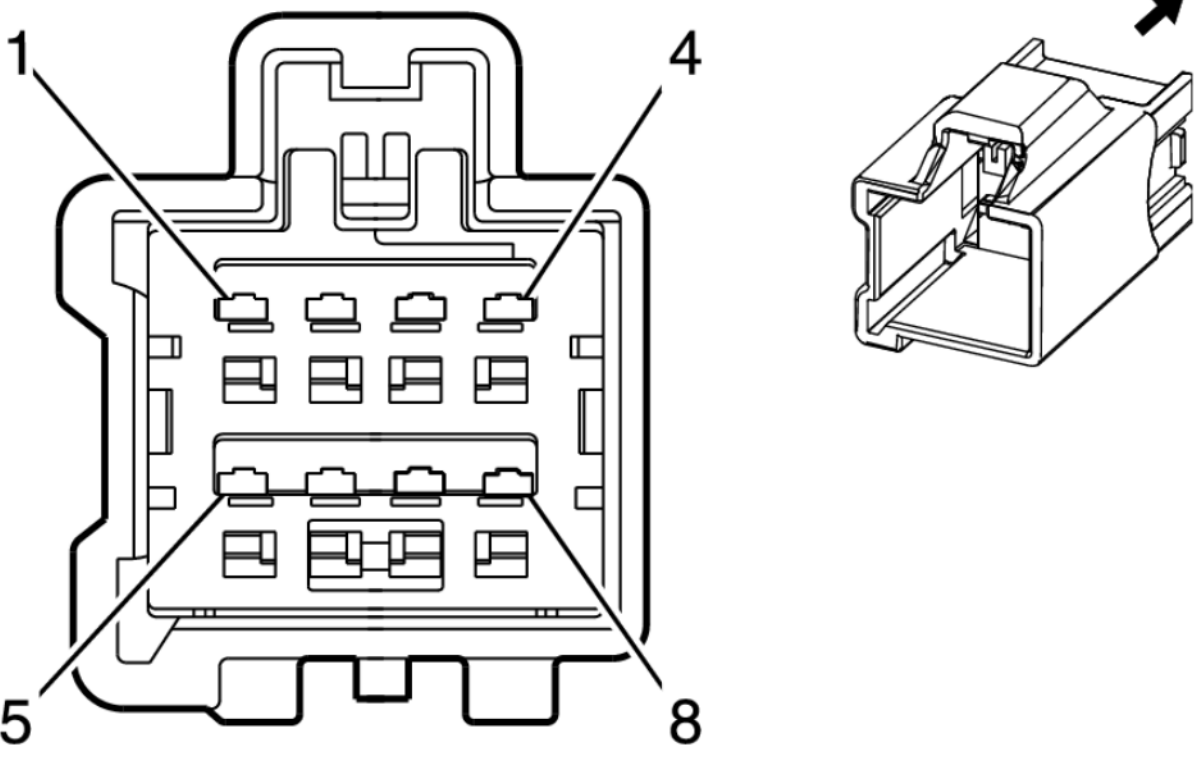
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	BARE	---	I	-	Coaxial Antenna GPS Signal	1	-	BARE	---	II	-
2	-	BARE	---	I	-	Coaxial Antenna Cell Phone Signal	2	-	BARE	---	II	-

X235 INSTRUMENT PANEL HARNESS TO INSTRUMENT PANEL HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846802
- Service Connector: 19153166
- Description: 8-Way F 1.5 YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10847035
- Service Connector: 19153162
- Description: 8-Way M 1.5 YESC Kaizen Series (L-GY)

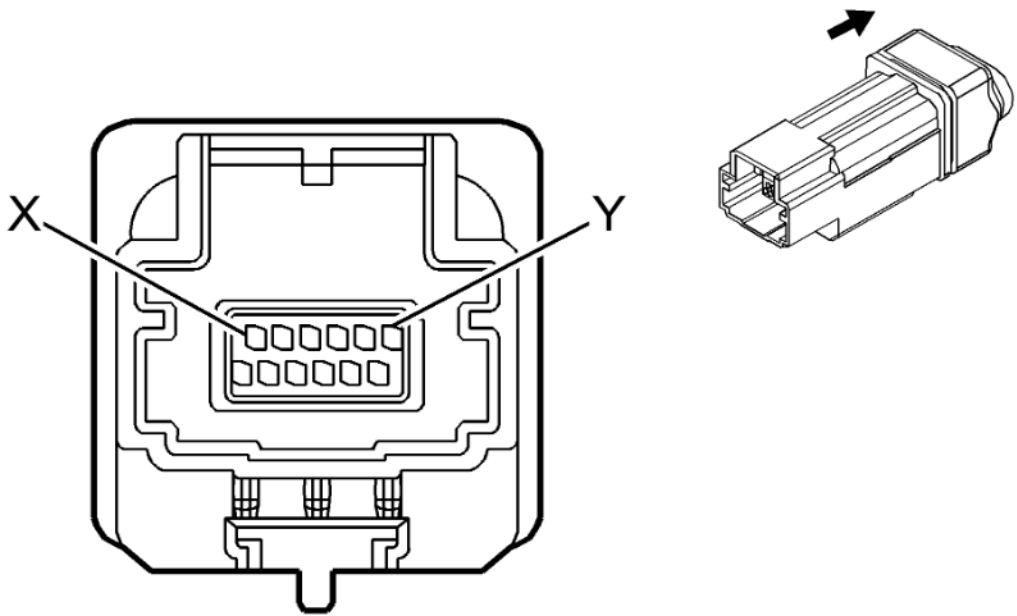
Terminal Part Information

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	0.35	WH/GN	3997	I	-	MOST Serial Data (-) MOST Serial Data (-)	1	0.35	WH/GN	3997	II	-
2	0.35	GY/VT	3998	I	-	MOST Serial Data (+) MOST Serial Data (+)	2	0.35	GY/VT	3998	II	-
3	∅	∅	∅	∅	∅	MOST Control	3	0.35	WH/VT	3999	II	-
4	∅	∅	∅	∅	∅	Battery Positive Voltage	4	0.35	RD/GN	6940	II	-
5	0.35	WH/GN	3997	I	-	MOST Serial Data (-) MOST Serial Data (-)	5	0.35	WH/GN	3997	II	-
6	0.35	GY/VT	3998	I	-	MOST Serial Data (+) MOST Serial Data (+)	6	0.35	GY/VT	3998	II	-

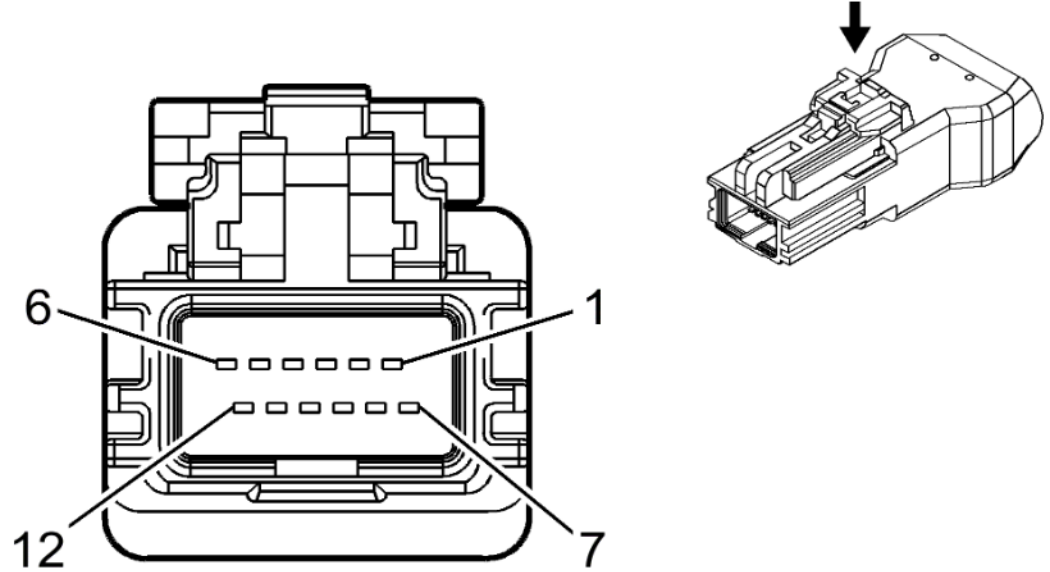
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	Ä	-	-	-	-	Signal Ground	8	0.35	BK/WH	1551	II	-

X262 FLOOR CONSOLE USB HARNESS TO BODY USB HARNESS (UWG)



Connector Part Information

- Harness Type: Floor Console USB
- OEM Connector: 13581657
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way F 2.0 HSAL-2 Series (BK)



Connector Part Information

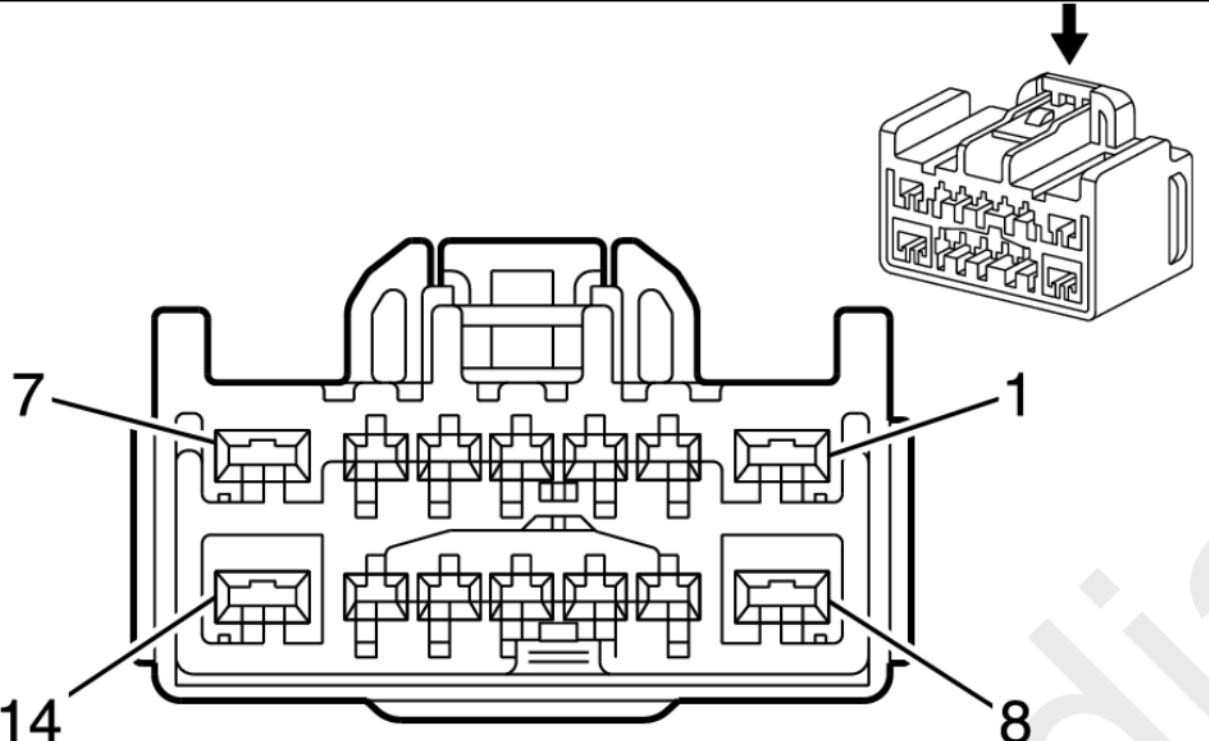
- Harness Type: Body USB
- OEM Connector: 13581658
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (BK)

Terminal Part Information

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

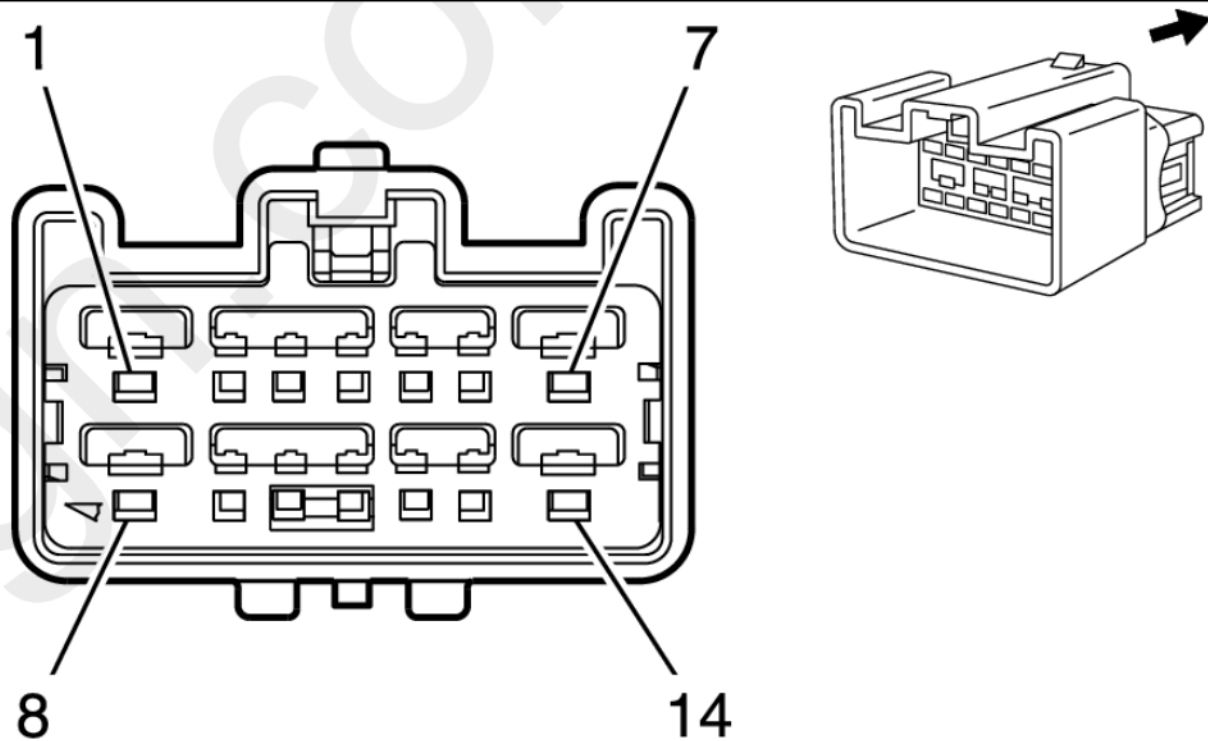
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	USB	-	I	-	USB Serial Data	-	-	USB	-	I	-

X290 INSTRUMENT PANEL HARNESS TO HVAC HARNESS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10847017
- Service Connector: 88956524
- Description: 14-Way F 1.5, 2.8 Series (L-GY)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 14-Way M

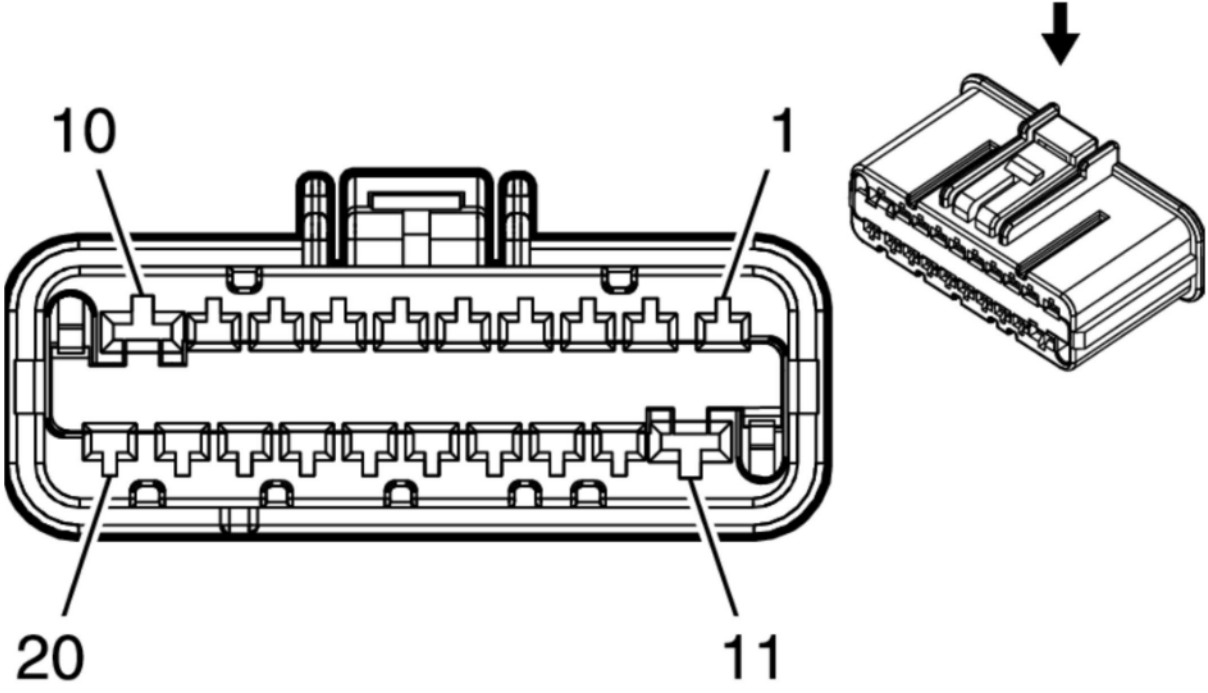
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13582322	J-35616-4A (PU)	J-38125-11A	7116-4110-02	Yazaki 9	E	C
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
1	0.5	BN/VT	9573	II	C24/KEM	-	1	0.5	BN/VT	9573	III	C24/KEM
2	0.35	BN/WH	1218	I	-	Upper Mode Valve Motor Control	2	0.35	BN/WH	1218	III	-
3	0.35	YE/BK	3185	I	-	Mode Door Stepper Motor Rear Control 1	3	0.35	YE/BK	3185	III	-
4	0.35	GN/BK	3186	I	-	Mode Door Stepper Motor Rear Control 2	4	0.35	GN/BK	3186	III	-
5	0.35	BU/BK	3187	I	-	Mode Door Stepper Motor Rear Control 3	5	0.35	BU/BK	3187	III	-
6	0.35	GY/BK	3188	I	-	Mode Door Stepper Motor Rear Control 4	6	0.35	GY/BK	3188	III	-
7	0.5	BK	1450	II	C24/KEM	Ground	7	0.5	BK	1450	III	C24/KEM
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.35	GN/BU	4119	I	C24/KEM	Local Interconnect Network Serial Data Bus 19	10	0.35	GN/BU	4119	III	C24/KEM
11 - 14	-	-	-	-	-	Not Occupied	11 - 14	-	-	-	-	-

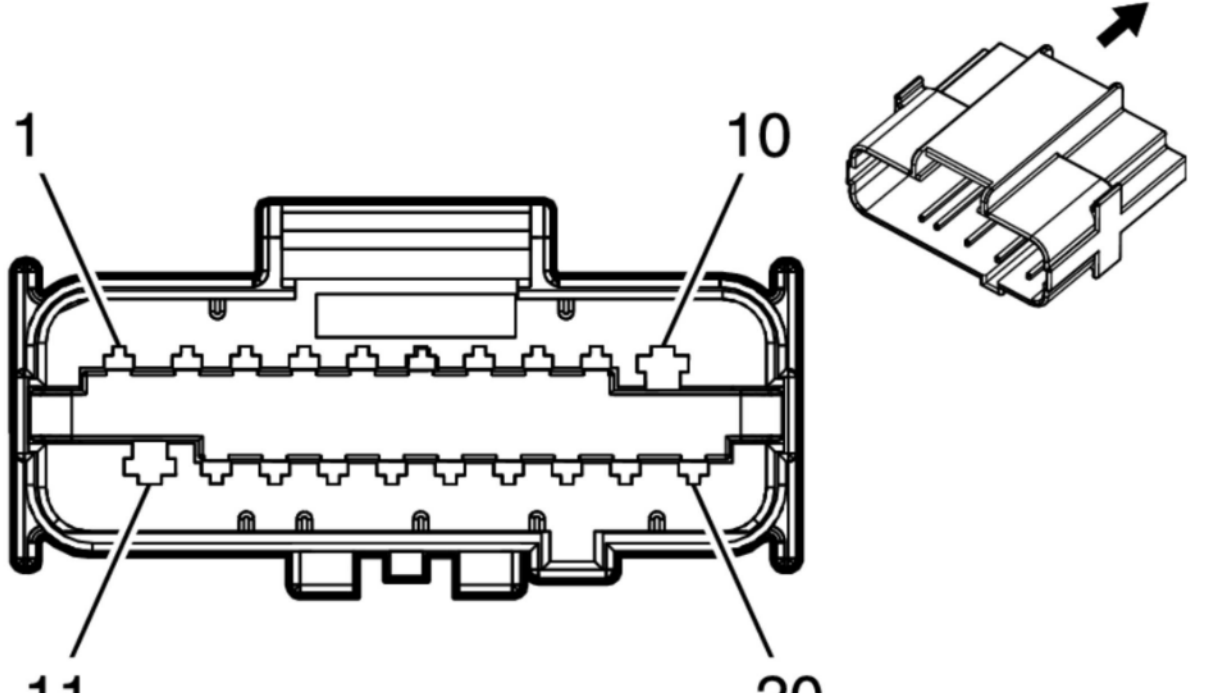
X300 INSTRUMENT PANEL HARNESS TO FLOOR CONSOLE HARNESS

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13842686
- Service Connector: 13587962
- Description: 20-Way F 1.5, 2.8 Series (BK)



Connector Part Information

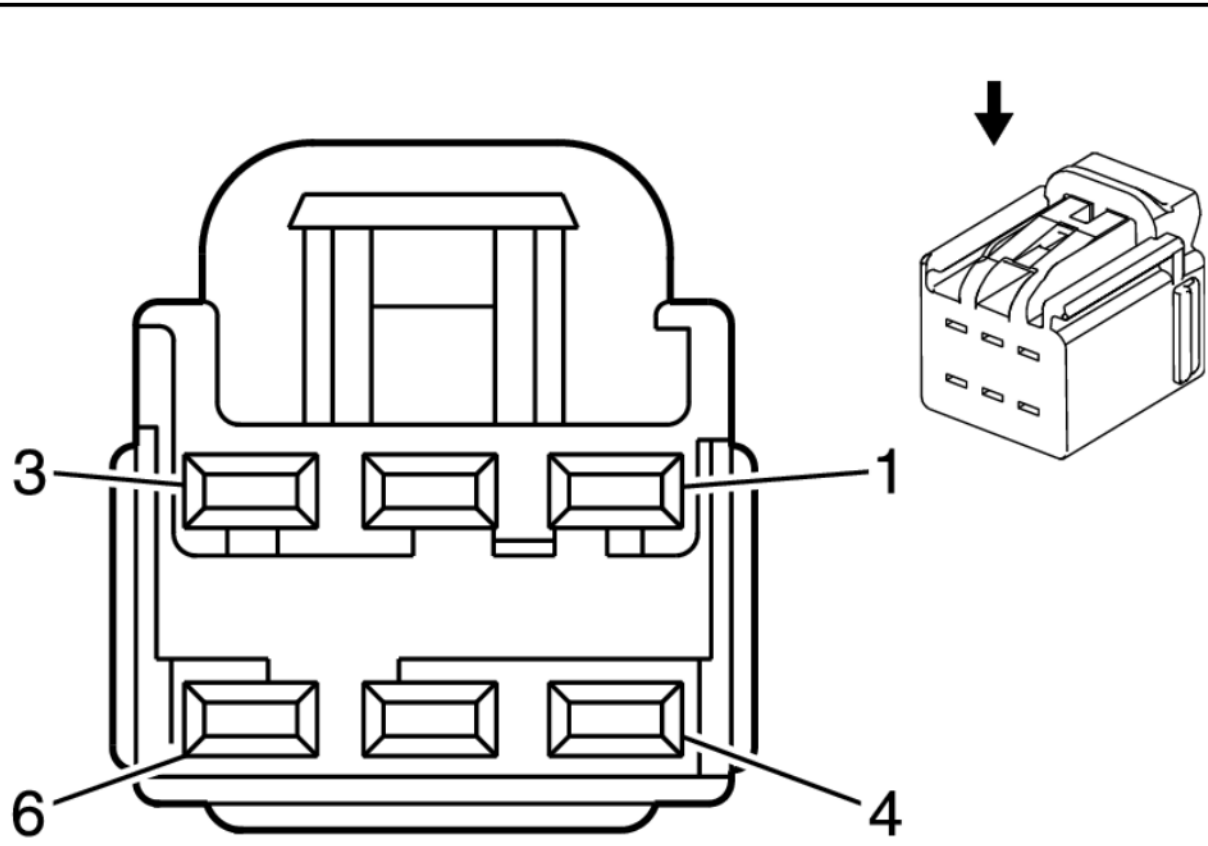
- Harness Type: Floor Console
- OEM Connector: 13580851
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way M 1.5, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575809	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	13580025	J-35616-35 (VT)	J-38125-11A	7116-4111-02	Yazaki 9	C	A
IV	19300638	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

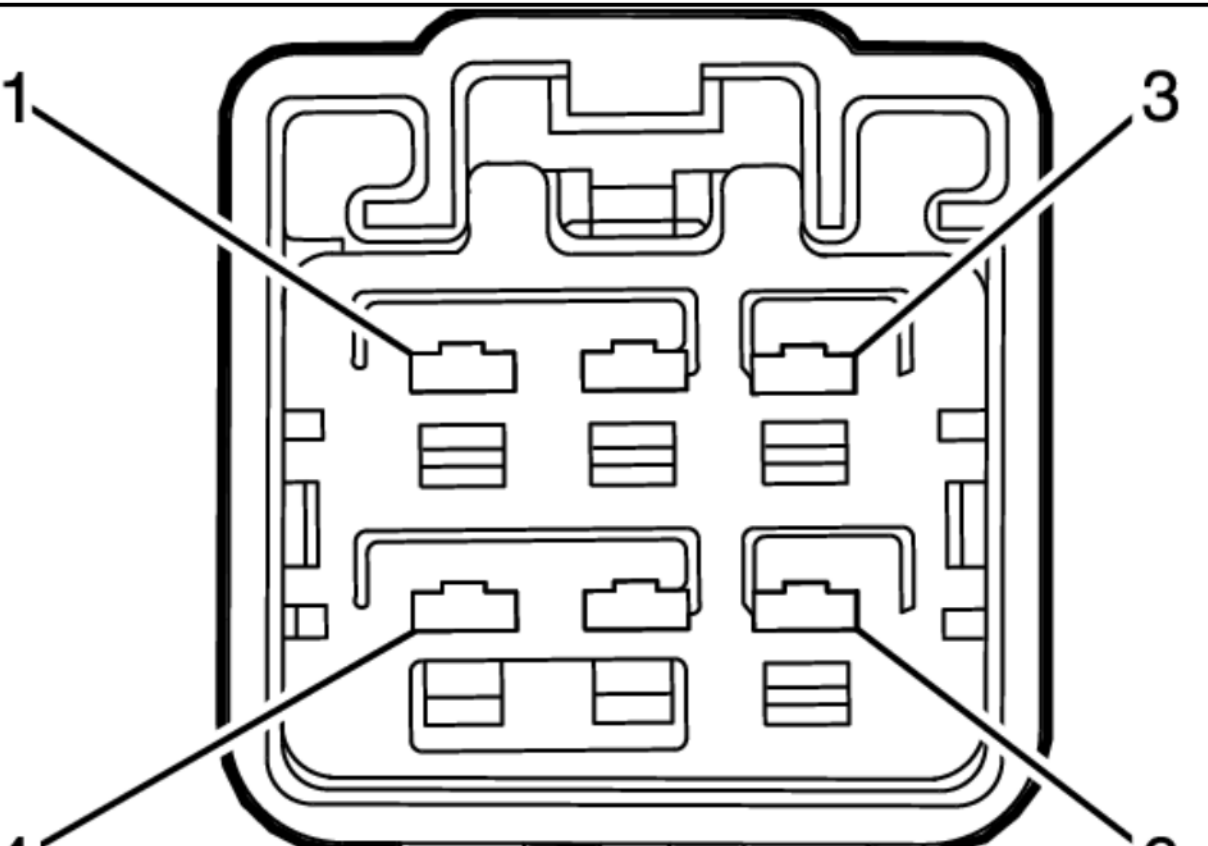
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GY/BK	3276	II	-	Vehicle Anti-Theft System Immobilizer Control	1	0.35	GY/BK	3276	V	-
2	0.35	L-GN/GY	3277	II	-	Vehicle Anti-Theft System Immobilizer Low Reference	2	0.35	L-GN/GY	3277	V	-
3	0.35	RD/L-GN	6940	II	UWG	Battery Positive Voltage	3	0.35	RD/L-GN	6940	V	UWG
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.35	VT/L-GN	7558	II	-	LED Ambient Lighting Control 2	5	0.35	VT/L-GN	7558	V	-
6	0.35	VT	1701	II	K4C	Retained Accessory Power Ignition	6	0.35	VT	1701	V	K4C
7	0.35	RD/VT	340	II	-	Battery Positive Voltage	7	0.35	RD/VT	340	V	-
7	0.35	RD/VT	340	II	-	Battery Positive Voltage	7	0.35	RD/VT	340	V	-
7	0.35	RD/VT	340	II	-	Battery Positive Voltage	7	0.35	RD/VT	340	V	-
8	0.35	L-GN	4512	II	K4C	Wireless Charging System Charge Indicator Control	8	0.35	L-GN	4512	V	K4C
9	0.35	L-GN/WH	7533	II	-	Local Interconnect Network Serial Data Bus 11	9	0.35	L-GN/WH	7533	V	-
10	1	BK	1450	III	-	Ground	10	1	BK	1450	V	-
11	1	VT	1001	III	-	Retained Accessory Power Ignition	11	1	VT	1001	V	-
12	0.13	D-BU	1788	IV	-	Traction Control Switch Signal 1	12	0.13	D-BU	1788	V	-
13	0.5	BK	1450	II	-	Ground	13	0.5	BK	1450	V	-
14	1	BK/WH	1551	I	-	Signal Ground	14	1	BK/WH	1551	V	-
15	0.35	L-GN/YE	7531	II	C24	Local Interconnect Network Serial Data Bus 9	15	0.35	L-GN/YE	7531	V	C24
16	0.35	L-GN	5060	II	-	Low Speed GMLAN Serial Data	16	0.35	L-GN	5060	V	-
17	0.35	L-GN	5060	II	UWG	Low Speed GMLAN Serial Data	17	0.35	L-GN	5060	V	UWG
18	0.35	GY/VT	3998	II	-	MOST Serial Data (+)	18	0.35	GY/VT	3998	V	-
19	0.35	WH/L-GN	3997	II	-	MOST Serial Data (-)	19	0.35	WH/L-GN	3997	V	-
20	0.35	D-BU	9844	II	JM8	Auto Hold Switch Signal	20	0.35	D-BU	9844	V	JM8

X305 BODY HARNESS TO LEFT FRONT AUDIO AMPLIFIER HARNESS (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847014
- Service Connector: 19153175
- Description: 6-Way F YESC Kaizen Series (L-GY)



Connector Part Information

- Harness Type: Left Front Audio Amplifier
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

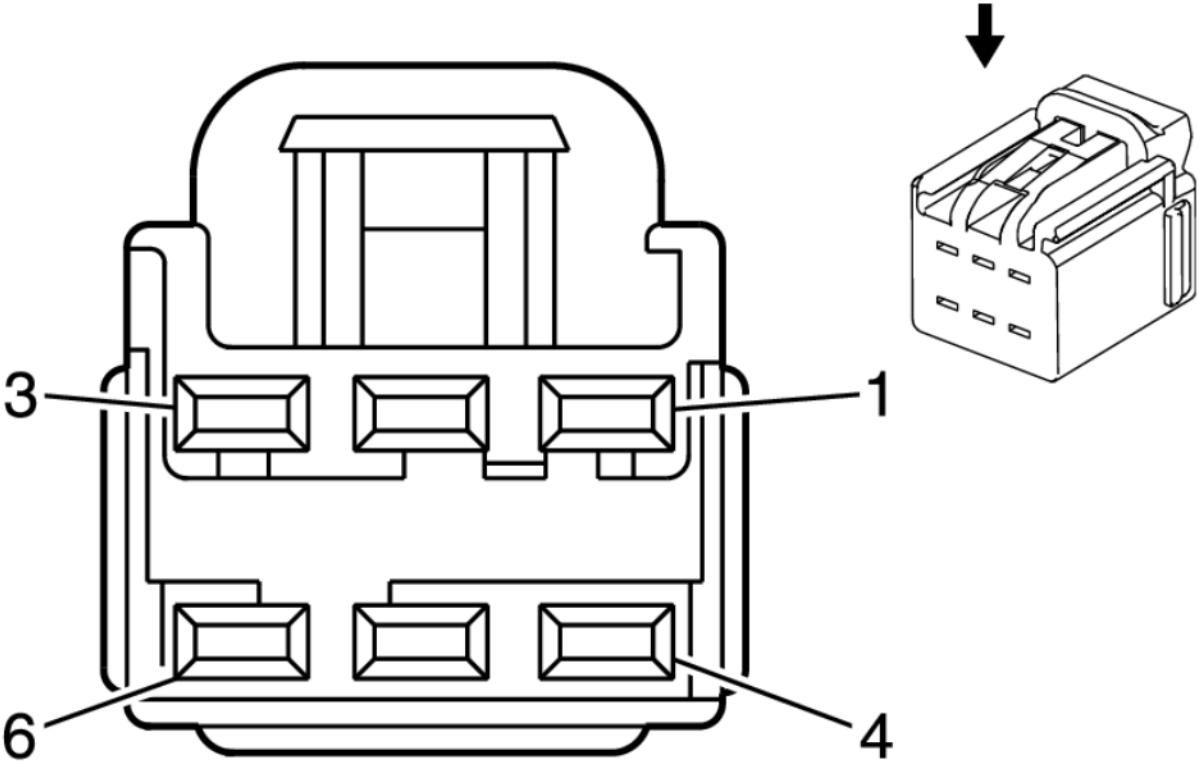
Terminal Part Information

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

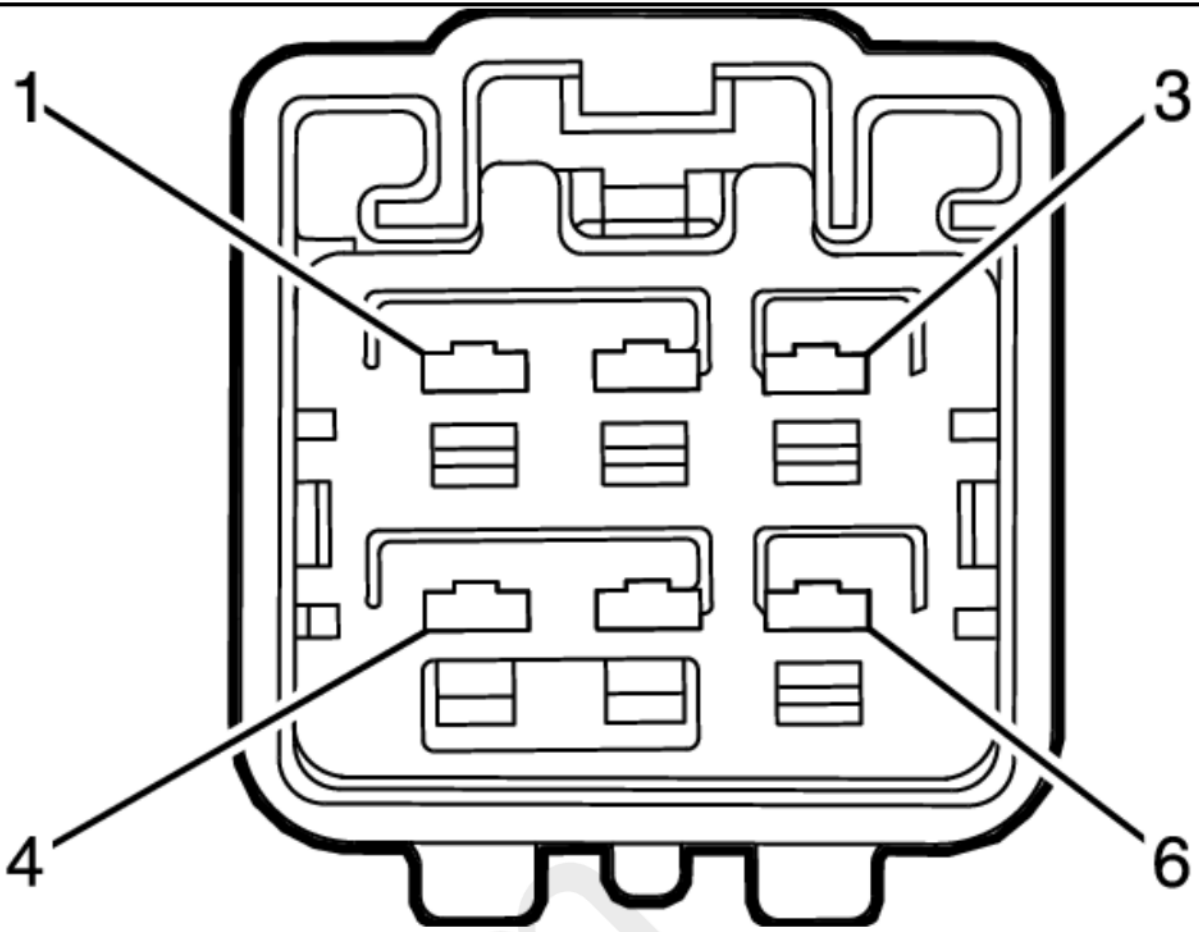
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BARE	9765	I	-	-	1	0.35	BARE	9765	II	-
2	0.35	GN/YE	9166	I	-	-	2	0.35	GN/YE	9166	II	-
3	3	RD/BN	2940	I	-	Battery Positive Voltage	3	3	RD/BN	2940	II	-
4	0.35	GY/BU	6766	I	-	Subwoofer Low Level Audio (-) Low Reference	4	0.35	GY/BU	6766	II	-
5	0.35	YE/WH	6765	I	-	Subwoofer Low Level Audio Signal	5	0.35	YE/WH	6765	II	-
6	3	BK/WH	1851	I	-	Signal Ground	6	3	BK/WH	1851	II	-

X306 BODY HARNESS TO RIGHT FRONT AUDIO AMPLIFIER HARNESS (UQH)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10847014
- Service Connector: 19153175
- Description: 6-Way F YESC Kaizen Series (L-GY)



Connector Part Information

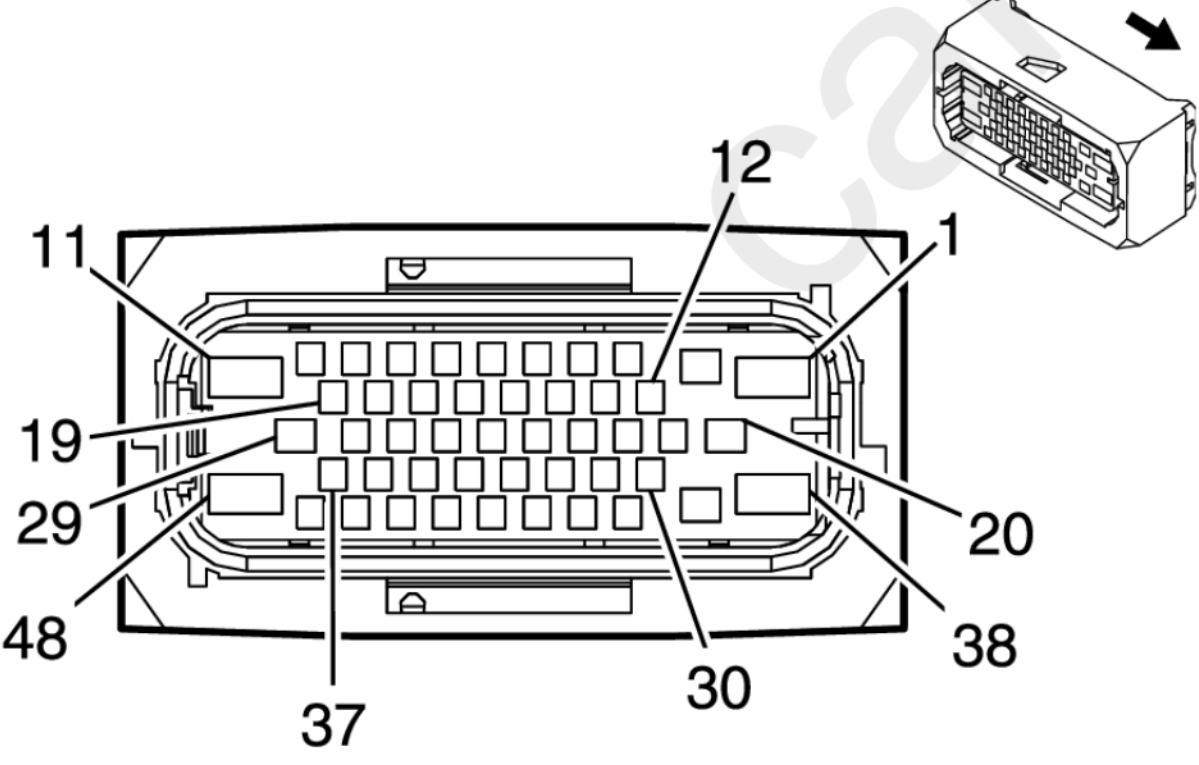
- Harness Type: Right Front Audio Amplifier
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (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

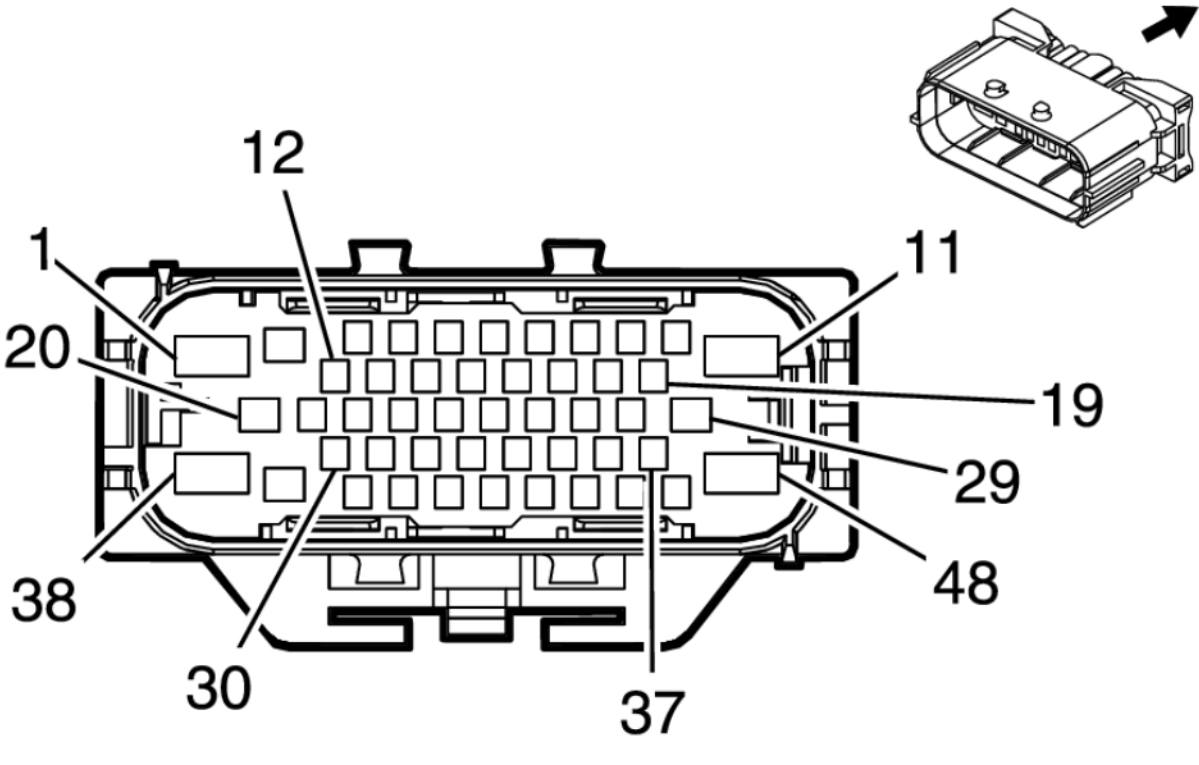
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BARE	9762	I	-	-	1	0.35	BARE	9762	II	-
2	0.35	GN/YE	9066	I	-	-	2	0.35	GN/YE	9066	II	-
3	3	RD/YE	5040	I	-	Battery Positive Voltage	3	3	RD/YE	5040	II	-
4	0.35	BU/VT	6763	I	-	Subwoofer Low Level Audio Signal	4	0.35	BU/VT	6763	II	-
5	0.35	WH/BK	6762	I	-	Subwoofer Low Level Audio (-) Low Reference	5	0.35	WH/BK	6762	II	-
6	3	BK/WH	1851	I	-	Signal Ground	6	3	BK/WH	1851	II	-

X310 DRIVER SEAT HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F



Connector Part Information

- Harness Type: Body
- OEM Connector: 15513436
- Service Connector: 19301796
- 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-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-31 (OR)	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	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13578882	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	13580827	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	19119926	J-35616-3 (GY)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19301750	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	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	2.5	BK	2150	I	-	Ground	1	2.5	BK	2150	VIII	-
2	0.5	RD/GY	2042	III	-	Battery Positive Voltage	2	0.5	RD/GY	2042	VI	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	0.5	BK/OG	1363	I	-	Driver Seat Belt Switch Low Reference	3	0.5	BK/OG	1363	IV	-
4	0.5	OG/BN	238	I	-	Driver Seat Belt Switch Signal	4	0.5	OG/BN	238	IV	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.35	GN/BU	6133	I	KA1	Local Interconnect Network Serial Data Bus 2	6	0.35	GN/BU	6133	V	KA1
7	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	7	0.35	BK/BU	5978	V	-
8	0.35	WH	615	I	-	Memory Seat Switch Signal 1	8	0.35	WH	615	V	-
9	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	9	0.35	GN	5060	V	-
10	0.35	BK/GY	2435	I	KA1	Passenger Heated Seat NTC Low Reference	10	0.35	BK/GY	2435	V	KA1
11	0.5	RD/WH	2040	II	AR9/AQ9	Battery Positive Voltage	11	0.5	RD/WH	2040	IX	AR9/AQ9
12	0.75	GN/VT	5757	I	UQH	Left Front Seat Left Speaker Control (+)	12	0.75	GN/VT	5757	IV	UQH
13	0.75	GN/GY	5767	I	UQH	Left Front Seat Left Speaker (-) Low Reference	13	0.75	GN/GY	5767	IV	UQH
14	0.75	BN/GY	5758	I	UQH	Left Front Seat Right Speaker Control (+)	14	0.75	BN/GY	5758	IV	UQH
15	0.75	GY/BK	5768	I	UQH	Left Front Seat Right Speaker (-) Low Reference	15	0.75	GY/BK	5768	IV	UQH
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.35	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	17	0.35	GN/WH	7530	V	-
18	0.5	OG/BU	3068	I	-	Driver Side Impact Module High Control	18	0.5	OG/BU	3068	X	-
19	0.5	GN/OG	3069	I	-	Driver Side Impact Module Low Control	19	0.5	GN/OG	3069	X	-
20	0.75	VT/BK	739	III	KU9	Run/Crank Ignition 1 Voltage	20	0.75	VT/BK	739	VII	KU9
21	0.75	RD/BU	5240	I	KA1	Battery Positive Voltage	21	0.75	RD/BU	5240	IV	KA1
22	0.75	VT/WH	1139	I	KA1	Run/Crank Ignition 1 Voltage	22	0.75	VT/WH	1139	IV	KA1
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.75	WH/BN	2481	I	KA1	Passenger Heated Back Element Control	24	0.75	WH/BN	2481	IV	KA1
25	0.35	BU/BN	5915	I	KU9	Passenger Seat Fan Speed Control	25	0.35	BU/BN	5915	V	KU9
26	0.75	GY/BK	2480	I	KA1	Passenger Heated Seat Element Low Reference	26	0.75	GY/BK	2480	IV	KA1
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	28	0.35	BU/GN	614	V	-
29	0.75	BN/BU	2479	III	KA1	Passenger Heated Seat Element Control	29	0.75	BN/BU	2479	VII	KA1
30	0.5	WH/GY	2434	I	KA1	Passenger Heated Seat NTC Signal	30	0.5	WH/GY	2434	IV	KA1
31	0.35	WH/BU	2436	I	KA1	Passenger Heated Back NTC Signal	31	0.35	WH/BU	2436	V	KA1
32 - 34	-	-	-	-	-	Not Occupied	32 - 34	-	-	-	-	-
35	0.35	WH/YE	7557	I	TSP	LED Ambient Lighting Control 1	35	0.35	WH/YE	7557	V	TSP
36	0.5	GY	157	I	TSP	Interior Lamp Control	36	0.5	GY	157	IV	TSP
37	0.35	GN/YE	7066	I	UWG	Entertainment Remote Enable Signal	37	0.35	GN/YE	7066	V	UWG
38	-	-	-	-	-	Not Occupied	38	-	-	-	-	-
39	0.5	RD/BN	4940	III	UWG	Battery Positive Voltage	39	0.5	RD/BN	4940	VI	UWG
40	0.5	VT/OG	3482	I	-	Driver Seat Belt Anchor Pretensioner Low Control	40	0.5	VT/OG	3482	X	-
41	0.5	OG/YE	3481	I	-	Driver Seat Belt Anchor Pretensioner High Control	41	0.5	OG/YE	3481	X	-
42	0.5	BK/WH	1851	I	-	Signal Ground	42	0.5	BK/WH	1851	IV	-
43 - 45	-	-	-	-	-	Not Occupied	43 - 45	-	-	-	-	-
46	0.35	GN/GY	3758	I	-	Local Interconnect Network Serial Data Bus 13	46	0.35	GN/GY	3758	V	-
47	-	-	-	-	-	Not Occupied	47	-	-	-	-	-
48	2.5	RD/GY	5540	I	-	Battery Positive Voltage	48	2.5	RD/GY	5540	VIII	-

X315 DRIVER SEAT BACK HARNESS TO DRIVER SEAT HARNESS

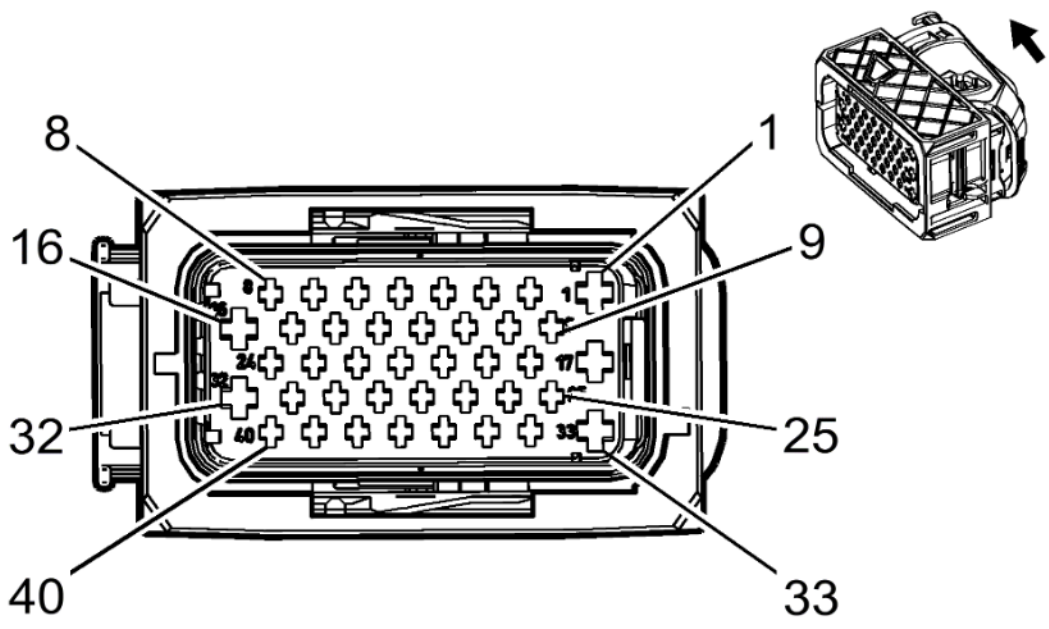


Diagram showing the Driver Seat Back Connector with terminals labeled 8, 16, 32, 40, 9, 25, and 33. An inset shows the connector housing.

Connector Part Information

- Harness Type: Driver Seat Back
- OEM Connector: 13588546
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way F 1.5 DSQ, 2.8 ATS Series, Sealed (YE)

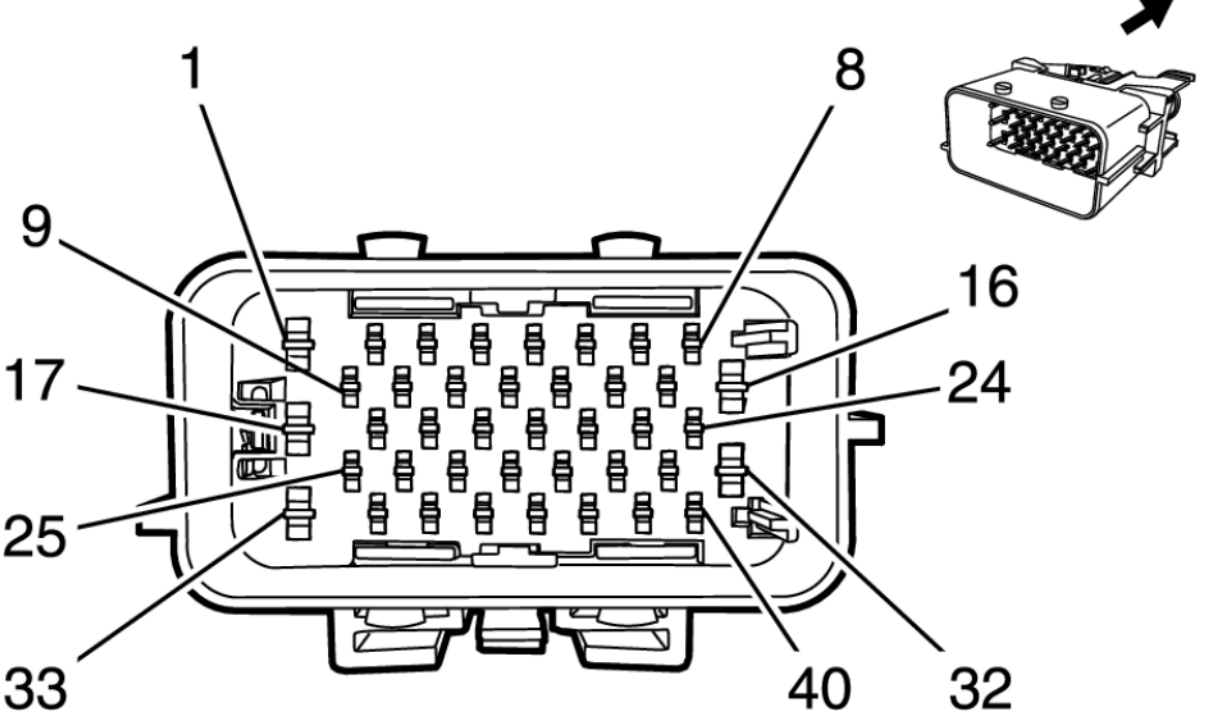


Diagram showing the Driver Seat Connector with terminals labeled 1, 8, 9, 16, 17, 24, 25, 32, 33, and 40. An inset shows the connector housing.

Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13588545
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way M 1.5 DSQ, 2.8 ATS 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	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1.5	GN/YE	276	I	-	Driver Power Seat Recline Motor Forward Control	1	1.5	GN/YE	276	II	-
2	1.5	BU/YE	277	I	-	Driver Power Seat Recline Motor Rearward Control	2	1.5	BU/YE	277	II	-
3	0.35	WH/RD	3298	I	-	Memory Sensor High Reference 2	3	0.35	WH/RD	3298	II	-
4	0.35	WH/BK	570	I	-	Driver Memory Seat Recline Motor Position Sensor Signal	4	0.35	WH/BK	570	II	-
5	0.75	YE/BN	9013	I	AQ9	Upper Seat Back Motor - Left Rear Forward Control	5	0.75	YE/BN	9013	II	AQ9
6	0.75	YE/BU	9014	I	AQ9	Upper Seat Back Motor - Left Rear Rearward Control	6	0.75	YE/BU	9014	II	AQ9
7	0.35	WH	9012	I	AQ9	5V Reference	7	0.35	WH	9012	II	AQ9
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.75	BN	2432	I	KA1	Driver Heated Back Element Control	9	0.75	BN	2432	II	KA1
10	0.75	BN/BK	2078	I	KA1	Driver Heated Seat Element Low Reference	10	0.75	BN/BK	2078	II	KA1
11	0.35	BU	2425	I	KA1	Driver Heated Back NTC Signal	11	0.35	BU	2425	II	KA1
12	0.35	BK/VT	2080	I	KA1	Driver Heated Seat NTC Low Reference	12	0.35	BK/VT	2080	II	KA1
13	0.35	GN/VT	5906	I	KU9	Driver Seat Vent Motor Control 1	13	0.35	RD	5906	II	KU9
14	0.5	BK	2150	I	KU9	Ground	14	0.5	BK	2150	II	KU9
15	0.5	VT/BK	739	I	KU9	Run/Crank Ignition 1 Voltage	15	0.5	VT/BK	739	II	KU9
16	0.75 0.5	BU RD/WH	611 2040	I I	AL2 AR9/AQ9	Driver Power Seat Lumbar Motor Forward Control Battery Positive Voltage	16	0.75 0.5	BU RD/WH	611 2040	II II	AL2 AR9/AQ9
17	0.75 0.5	VT BK	610 2150	I I	AL2 AR9/AQ9	Driver Power Seat Lumbar Motor Rearward Control Ground	17	0.75 0.5	VT BK	610 2150	II II	AL2 AR9/AQ9
18	0.35 0.35	YE GN/GY	1063 3758	I I	AL2 AR9/AQ9	Driver Memory Seat Lumbar Horizontal Position Sensor Signal Local Interconnect Network Serial Data Bus 13	18	0.35 0.35	YE GN/GY	1063 3758	II II	AL2 AR9/AQ9
19	0.75 0.5	WH/RD WH/BU	6207 4891	I I	AL2 AQ9	Memory Sensor High Reference Driver Bolster Pump Control	19	0.75 0.5	WH/RD WH/BU	6207 4891	II II	AL2 AQ9
20	0.35 0.5	BK/GY BK	6206 2150	I I	AL2 AQ9	Memory Sensor Low Reference Ground	20	0.35 0.5	BK/GY BK	6206 2150	II II	AL2 AQ9
21	0.5	OG/BU	3068	I	-	Driver Side Impact Module High Control	21	0.5	OG/BU	3068	II	-
22	0.5	GN/OG	3069	I	-	Driver Side Impact Module Low Control	22	0.5	GN/OG	3069	II	-
23 - 28	-	-	-	-	-	Not Occupied	23 - 28	-	-	-	-	-
29	0.35	VT/GY	4940	I	UWG	Battery Positive Voltage	29	0.35	VT/GY	4940	II	UWG
30	0.35	GN/YE	7066	I	UWG	Entertainment Remote Enable Signal	30	0.35	GN/YE	7066	II	UWG
31	0.35	BK/WH	1851	I	UWG	Signal Ground	31	0.35	BK/WH	1851	II	UWG
32	0.75	GN/VT	5757	I	UQH	Left Front Seat Left Speaker Control (+)	32	0.75	GN/VT	5757	II	UQH
33	0.75	GN/GY	5767	I	UQH	Left Front Seat Left Speaker (-) Low Reference	33	0.75	GN/GY	5767	II	UQH
34	0.75	BN/GY	5758	I	UQH	Left Front Seat Right Speaker Control (+)	34	0.75	BN/GY	5758	II	UQH
35	0.75	GY/BK	5768	I	UQH	Left Front Seat Right Speaker (-) Low Reference	35	0.75	GY/BK	5768	II	UQH
36 - 40	-	-	-	-	-	Not Occupied	36 - 40	-	-	-	-	-

X320 PASSENGER SEAT HARNESS TO BODY HARNESS

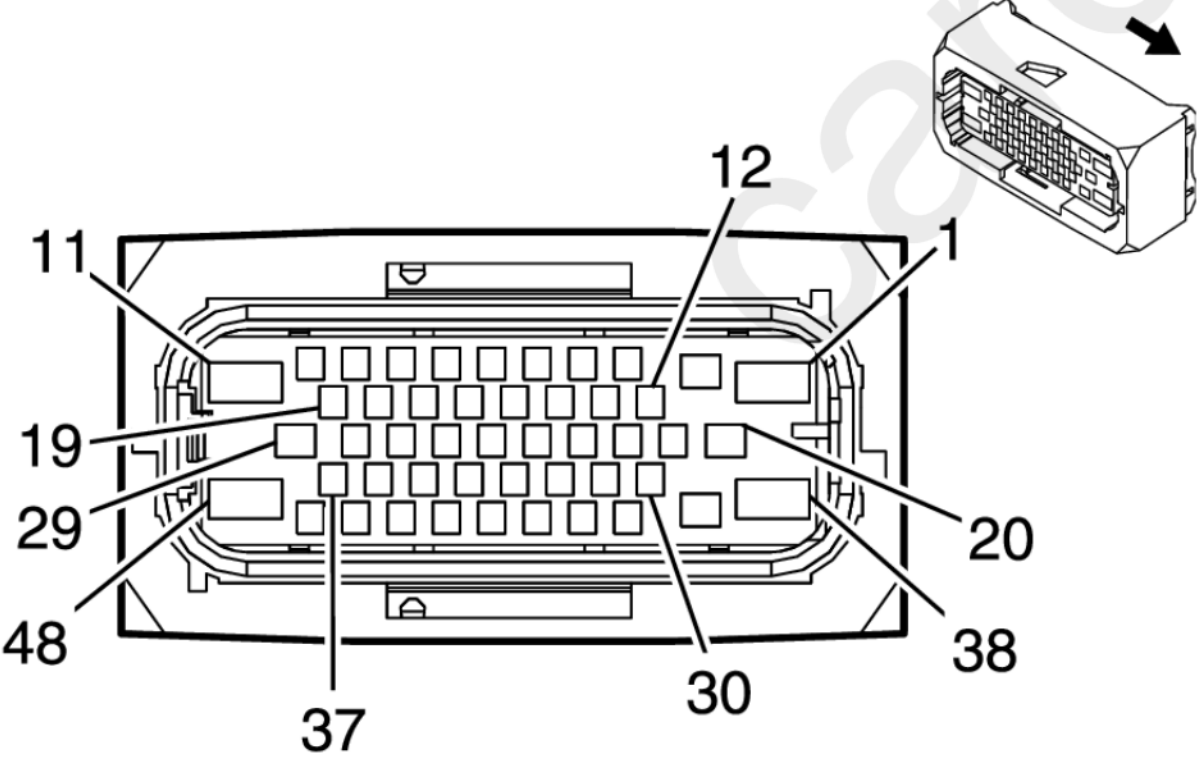


Diagram showing the internal wiring and terminal layout of the Passenger Seat Connector. Terminals are labeled 1, 11, 12, 19, 20, 29, 30, 37, 38, and 48. An inset shows the external view of the connector with an arrow pointing to the top.

Connector Part Information

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

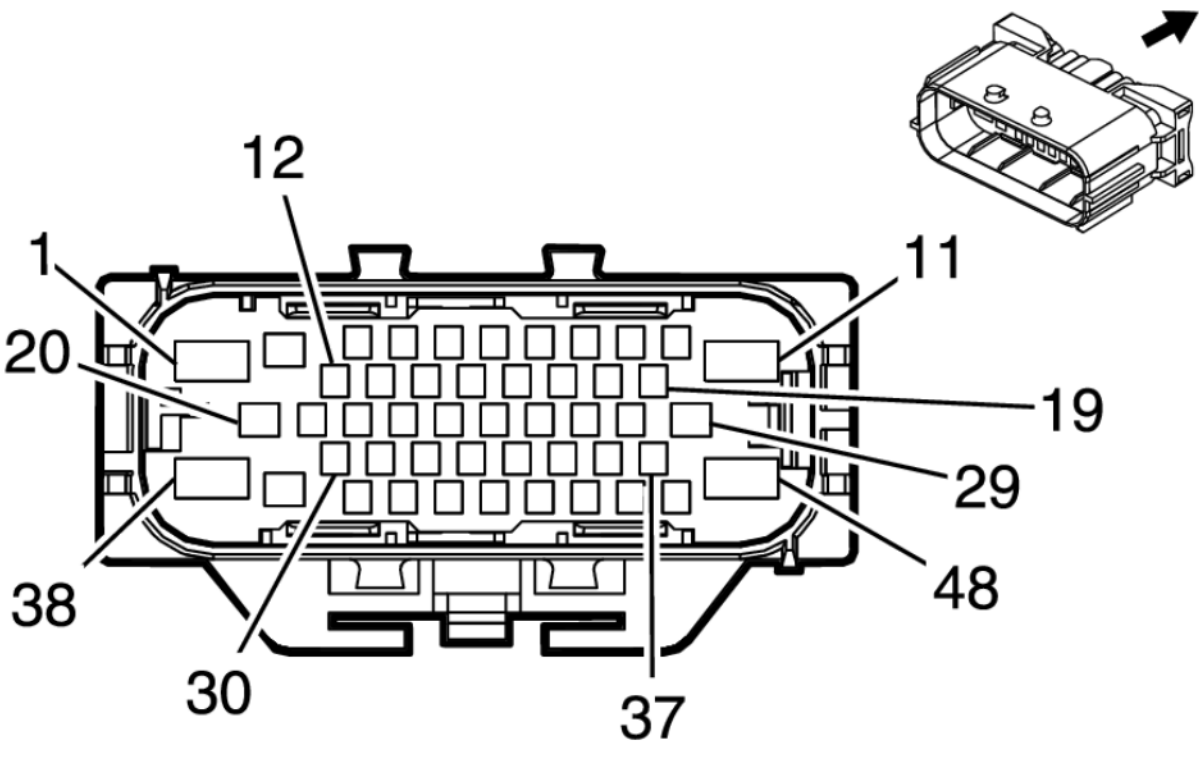


Diagram showing the internal wiring and terminal layout of the Body Connector. Terminals are labeled 1, 11, 12, 19, 20, 29, 30, 37, 38, and 48. An inset shows the external view of the connector with an arrow pointing to the top.

Connector Part Information

- Harness Type: Body
- OEM Connector: 15513436
- Service Connector: 19301796
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)

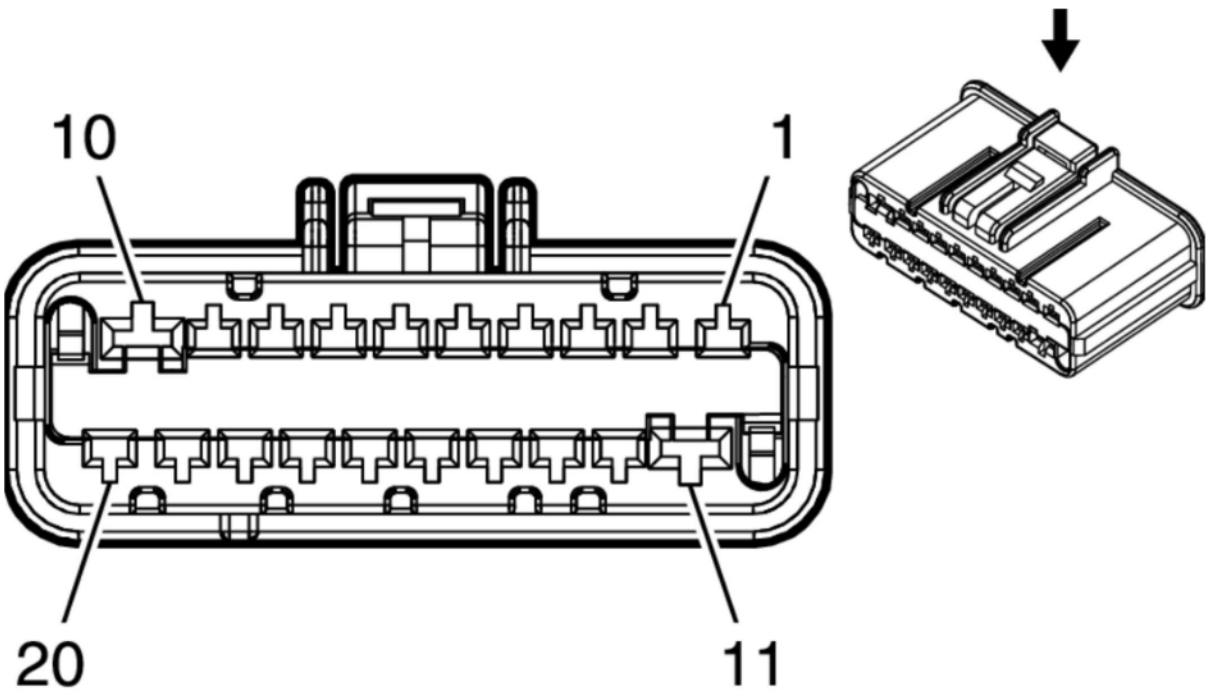
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-31 (OR)	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	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13578882	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	13580827	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	19119926	J-35616-3 (GY)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19301750	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	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	2.5	BK	2250	I	-	Ground	1	2.5	BK	2250	VIII	-
2	0.5	RD/GY	2042	III	-	Battery Positive Voltage	2	0.5	RD/GY	2042	VI	-

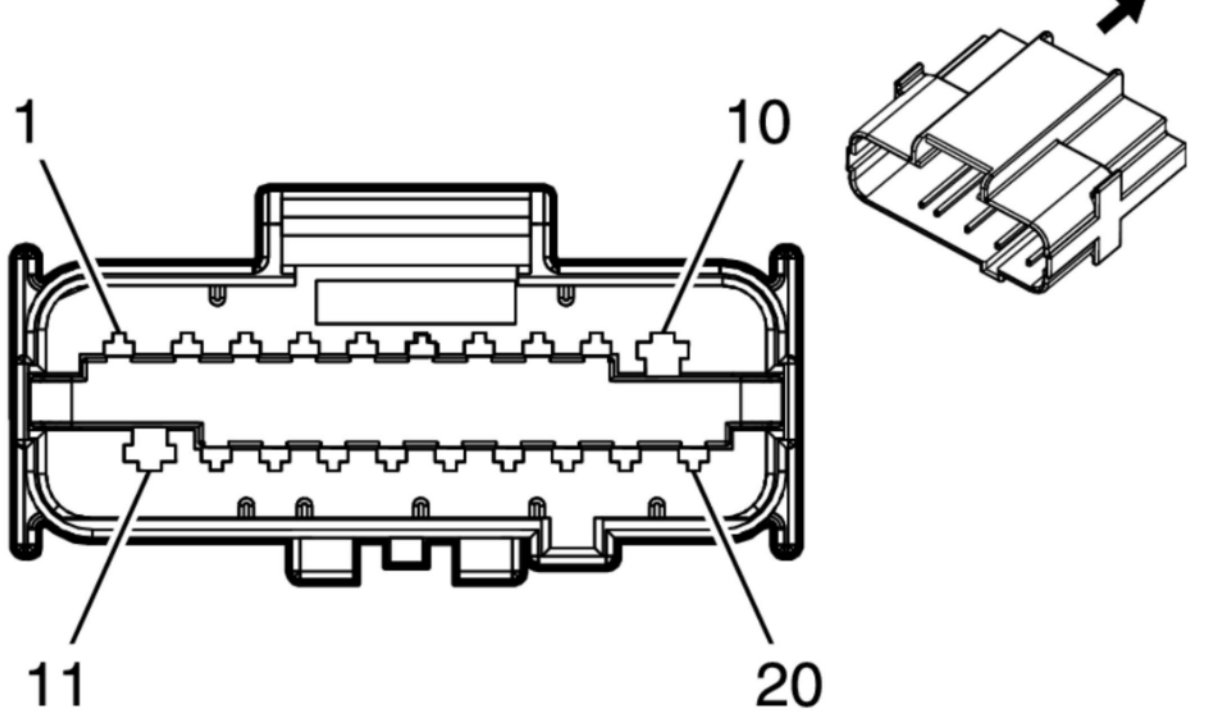
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	0.5	BK/OG	1361	I	-	Passenger Seat Belt Switch Low Reference	3	0.5	BK/OG	1361	IV	-
4	0.5	OG/VT	1362	I	-	Passenger Seat Belt Switch Signal	4	0.5	OG/VT	1362	IV	-
5 - 6	-	-	-	-	-	Not Occupied	5 - 6	-	-	-	-	-
7	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	7	0.35	BK/BU	5978	V	-
8	0.35	WH	615	I	-	Memory Seat Switch Signal 1	8	0.35	WH	615	V	-
9	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	9	0.35	GN	5060	V	-
10	0.35	BK/GY	2435	I	KA1	Passenger Heated Seat NTC Low Reference	10	0.35	BK/GY	2435	V	KA1
11	0.5	RD/WH	2040	II	AQ9/AR9	Battery Positive Voltage	11	0.5	RD/WH	2040	IX	AQ9/AR9
12	0.75	GY/YE	5759	I	UQH	Right Front Seat Left Speaker Control (+)	12	0.75	GY/YE	5759	IV	UQH
13	0.75	YE/BK	5769	I	UQH	Right Front Seat Left Speaker (-) Low Reference	13	0.75	YE/BK	5769	IV	UQH
14	0.75	YE/GN	5760	I	UQH	Right Front Seat Right Speaker Control (+)	14	0.75	YE/GN	5760	IV	UQH
15	0.75	GN/BK	5770	I	UQH	Right Front Seat Right Speaker (-) Low Reference	15	0.75	GN/BK	5770	IV	UQH
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.35	GN/YE	4116	I	-	Local Interconnect Network Serial Data Bus 16	17	0.35	GN/YE	4116	V	-
18	0.5	OG/GY	3066	I	-	Passenger Side Impact Module High Control	18	0.5	OG/GY	3066	X	-
19	0.5	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	19	0.5	BN/OG	3067	X	-
20	0.75	VT/BK	739	III	KU9	Run/Crank Ignition 1 Voltage	20	0.75	VT/BK	739	VII	KU9
21 - 22	-	-	-	-	-	Not Occupied	21 - 22	-	-	-	-	-
23	0.5	BK/WH	1751	I	-	Signal Ground	23	0.5	BK/WH	1751	IV	-
24	0.75	WH/BN	2481	I	KA1	Passenger Heated Back Element Control	24	0.75	WH/BN	2481	IV	KA1
25	0.35	BU/BN	5915	I	KU9	Passenger Seat Fan Speed Control	25	0.35	BU/BN	5915	V	KU9
26	0.75	GY/BK	2480	I	KA1	Passenger Heated Seat Element Low Reference	26	0.75	GY/BK	2480	IV	KA1
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	28	0.35	BU/GN	614	V	-
29	0.75	BN/BU	2479	III	KA1	Passenger Heated Seat Element Control	29	0.75	BN/BU	2479	VII	KA1
30	0.5	WH/GY	2434	I	KA1	Passenger Heated Seat NTC Signal	30	0.5	WH/GY	2434	IV	KA1
31	0.35	WH/BU	2436	I	KA1	Passenger Heated Back NTC Signal	31	0.35	WH/BU	2436	V	KA1
32	0.5	OG/BN	7571	I	-	Passenger Seat Belt Reminder Signal	32	0.5	OG/BN	7571	IV	-
33	-	-	-	-	-	Not Occupied	33	-	-	-	-	-
34	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	34	0.35	GN	5060	V	-
35	0.35	WH/YE	7557	I	TSP	LED Ambient Lighting Control 1	35	0.35	WH/YE	7557	V	TSP
36	0.5	GY	157	I	TSP	Interior Lamp Control	36	0.5	GY	157	IV	TSP
37	0.35	GN/YE	7066	I	UWG	Entertainment Remote Enable Signal	37	0.35	GN/YE	7066	V	UWG
38	-	-	-	-	-	Not Occupied	38	-	-	-	-	-
39	0.5	RD/BN	4940	III	UWG	Battery Positive Voltage	39	0.5	RD/BN	4940	VI	UWG
40	0.5	GY/OG	3480	I	-	Passenger Seat Belt Anchor Pretensioner Low Control	40	0.5	GY/OG	3480	X	-
41	0.5	OG/BN	3479	I	-	Passenger Seat Belt Anchor Pretensioner High Control	41	0.5	OG/BN	3479	X	-
42	0.5	BK/WH	1851	I	-	Signal Ground	42	0.5	BK/WH	1851	IV	-
43	-	-	-	-	-	Not Occupied	43	-	-	-	-	-
44	0.35	RD/GN	4440	I	-	Battery Positive Voltage	44	0.35	RD/GN	4440	V	-
45	-	-	-	-	-	Not Occupied	45	-	-	-	-	-
46	0.35	OG/BN	3947	I	-	Automatic Locking Retractor Switch Signal	46	0.35	OG/BN	3947	V	-
47	0.35	GY/OG	3946	I	-	Automatic Locking Retractor Switch Low Reference	47	0.35	GY/OG	3946	V	-
48	2.5	RD/BN	6640	I	-	Battery Positive Voltage	48	2.5	RD/BN	6640	VIII	-

X323 LEFT REAR SEAT HARNESS TO BODY HARNESS (AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 13597059
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F



Connector Part Information

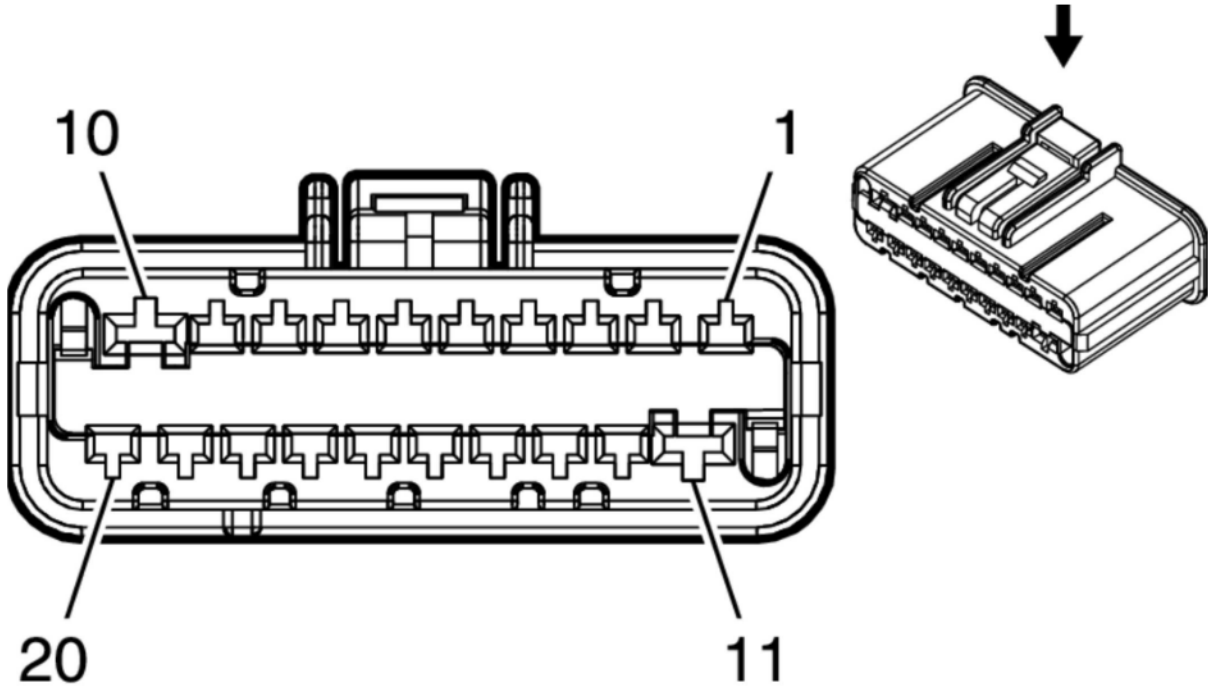
- Harness Type: Body
- OEM Connector: 33183948
- Service Connector: 13597060
- Description: 20-Way M 1.5, 2.8 Series (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
III	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

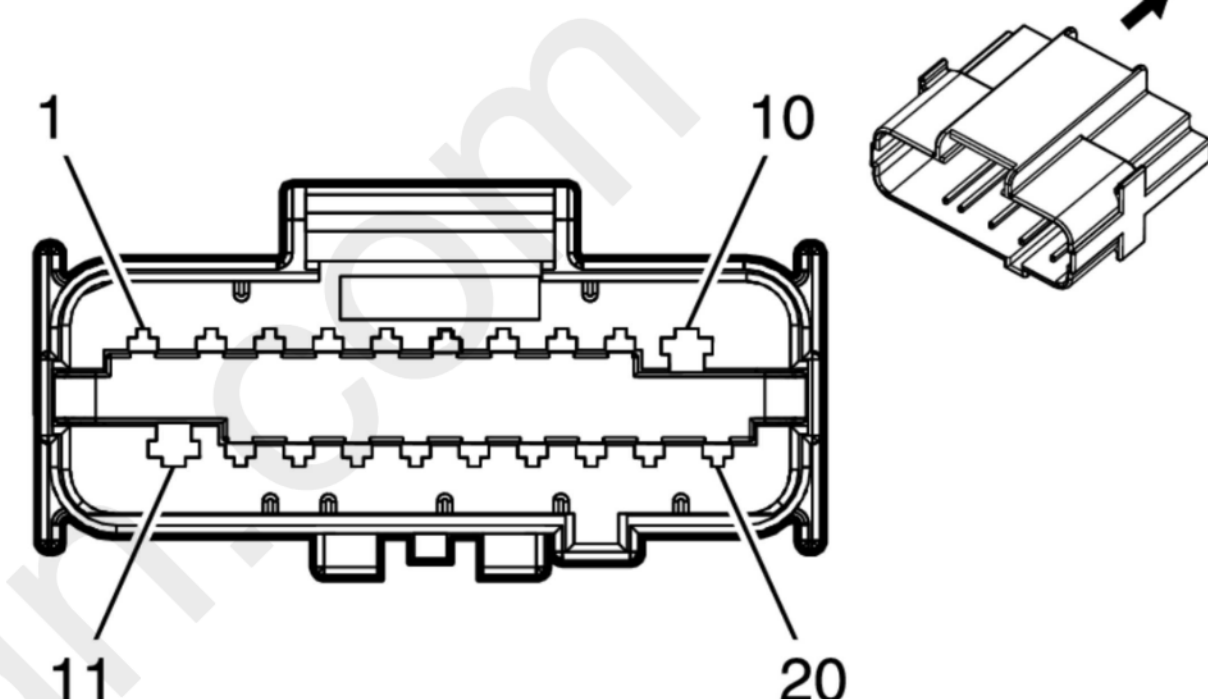
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	WH/BU	7047	I	-	Left Rear Cushion NTC Signal	1	0.35	WH/BU	7047	III	-
2	0.5	RD/WH	7540	I	-	Battery Positive Voltage	2	0.5	RD/BN	7540	III	-
3	0.35	GN	7686	I	-	Left Rear Vent Motor Control	3	0.35	BU	7686	III	-
4	0.5	RD/WH	2040	I	-	Battery Positive Voltage	4	0.5	RD/WH	2040	III	-
5	0.35	GN/YE	7045	I	-	Left Rear Seat Back NTC Signal	5	0.35	GN/YE	7045	III	-
6	0.35	GN/BN	7529	I	-	Local Interconnect Network Serial Data Bus 7	6	0.35	GN/BN	7529	III	-
7	0.5	OG/GY	5223	I	-	Left Rear Side Impact SIR Inflator Control	7	-	-	-	-	-
8	0.5	BN/OG	5224	I	-	Left Rear Side Impact SIR Inflator Control	8	-	-	-	-	-
9	0.5	VT/BK	739	I	-	Run/Crank Ignition 1 Voltage	9	0.5	VT/BK	739	III	-
10	2.5	RD/WH	5740	I	-	Battery Positive Voltage	10	2.5	RD/WH	5740	II	-
11	2.5	BK	2350	I	-	Ground	11	2.5	BK	2350	II	-
12	0.35	BU/WH	7048	I	-	Left Rear Cushion NTC Low Reference	12	0.35	BU/WH	7048	III	-
13	0.35	VT/BN	616	I	-	Memory Seat Switch Signal 2	13	0.35	VT/BN	616	III	-
14	-	-	-	-	-	Not Occupied	14	-	-	-	-	-
15	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	15	0.35	GN	5060	III	-
16 - 17	-	-	-	-	-	Not Occupied	16 - 17	-	-	-	-	-
18	0.75	GY	2294	I	-	Left Rear Heated Seat Cushion Element Control	18	0.75	GY	2294	III	-
19	0.75	BU/BN	2445	I	-	Left Rear Heated Seat Element Control	19	0.75	BU/BN	2445	III	-
20	0.75	BN/BK	2295	I	-	Left Rear Heated Seat Cushion Element Low Reference	20	0.75	BN/BK	2295	III	-

X324 RIGHT REAR SEAT HARNESS TO BODY HARNESS (AQ9)



Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F



Connector Part Information

- Harness Type: Body
- OEM Connector: 33183948
- Service Connector: 13597060
- Description: 20-Way M 1.5, 2.8 Series (YE)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	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	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
IV	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	YE/WH	7053	I	-	Right Rear Cushion NTC Signal	1	0.35	YE/WH	7053	IV	-
2	0.5	RD/BN	7540	I	-	Battery Positive Voltage	2	0.5	RD/BN	7540	IV	-
3	0.35	GN	7685	I	-	Right Rear Vent Motor Control	3	0.35	GN	7685	IV	-
4	0.5	RD/WH	2040	I	-	Battery Positive Voltage	4	0.5	RD/WH	2040	IV	-
5	0.35	YE	7049	I	-	Right Rear Seat Back NTC Signal	5	0.35	YE	7049	IV	-
6	0.35	GN/VT	4114	I	-	Local Interconnect Network Serial Data Bus 14	6	0.35	GN/VT	4114	IV	-
7 - 8	-	-	-	-	-	Not Occupied	7 - 8	-	-	-	-	-
9	0.5	VT/BK	739	I	-	Run/Crank Ignition 1 Voltage	9	0.5	VT/BK	739	IV	-
10	2.5	RD/YE	5840	II	-	Battery Positive Voltage	10	2.5	RD/YE	5840	III	-
11	2.5	BK	2450	II	-	Ground	11	2.5	BK	2450	III	-
12	0.35	WH/BK	7054	I	-	Right Rear Cushion NTC Low Reference	12	0.35	WH/BK	7054	IV	-
13	0.35	WH	615	I	-	Memory Seat Switch Signal 1	13	0.35	WH	615	IV	-
14	-	-	-	-	-	Not Occupied	14	-	-	-	-	-
15	0.35	GN	5060	I	-	Low Speed GMLAN Serial Data	15	0.35	GN	5060	IV	-
16 - 17	-	-	-	-	-	Not Occupied	16 - 17	-	-	-	-	-
18	0.75	GN/BN	2296	I	-	Right Rear Heated Seat Cushion Element Control	18	0.75	GN/BN	2296	IV	-
19	0.75	BU/VT	2455	I	-	Right Rear Heated Seat Element Control	19	0.75	BU/VT	2455	IV	-
20	0.75	GN/BK	2297	I	-	Right Rear Heated Seat Cushion Element Low Reference	20	0.75	GN/BK	2297	IV	-

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - CT6

INLINE HARNESS CONNECTOR END VIEWS

X325 PASSENGER SEATBACK HARNESS TO PASSENGER

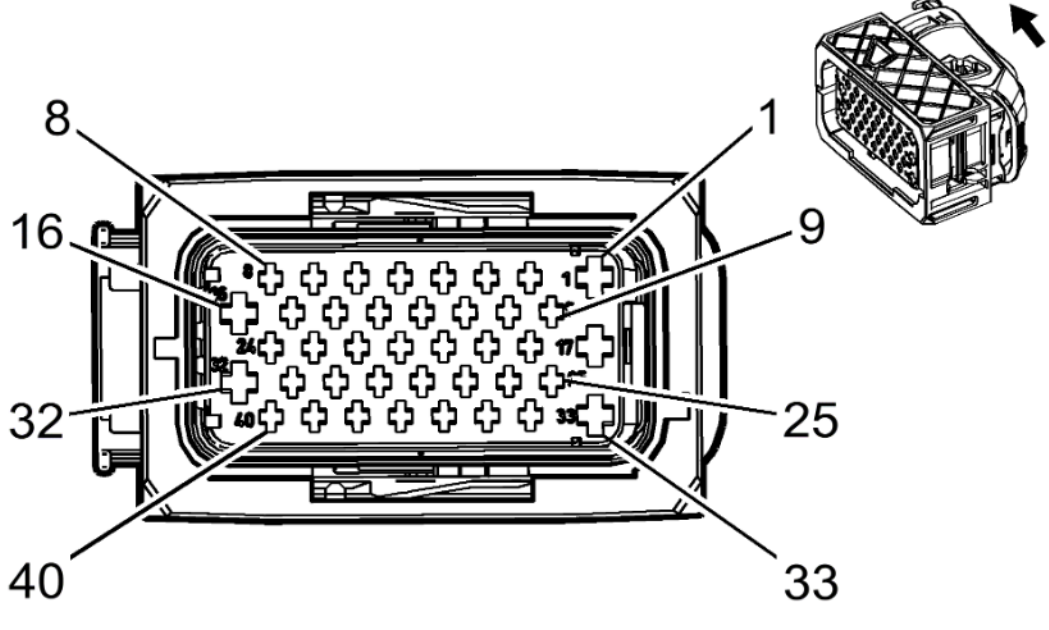


Diagram showing the end view of the X325 Passenger Seatback Harness Connector. The connector is a 40-way F 1.5 DSQ, 2.8 ATS Series, Sealed (YE). It features a grid of terminals with labels 1, 8, 9, 16, 25, 32, 33, and 40. A small inset shows the connector from a different angle.

Connector Part Information

- Harness Type: Passenger Seat Back
- OEM Connector: 13588546
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way F 1.5 DSQ, 2.8 ATS Series, Sealed (YE)

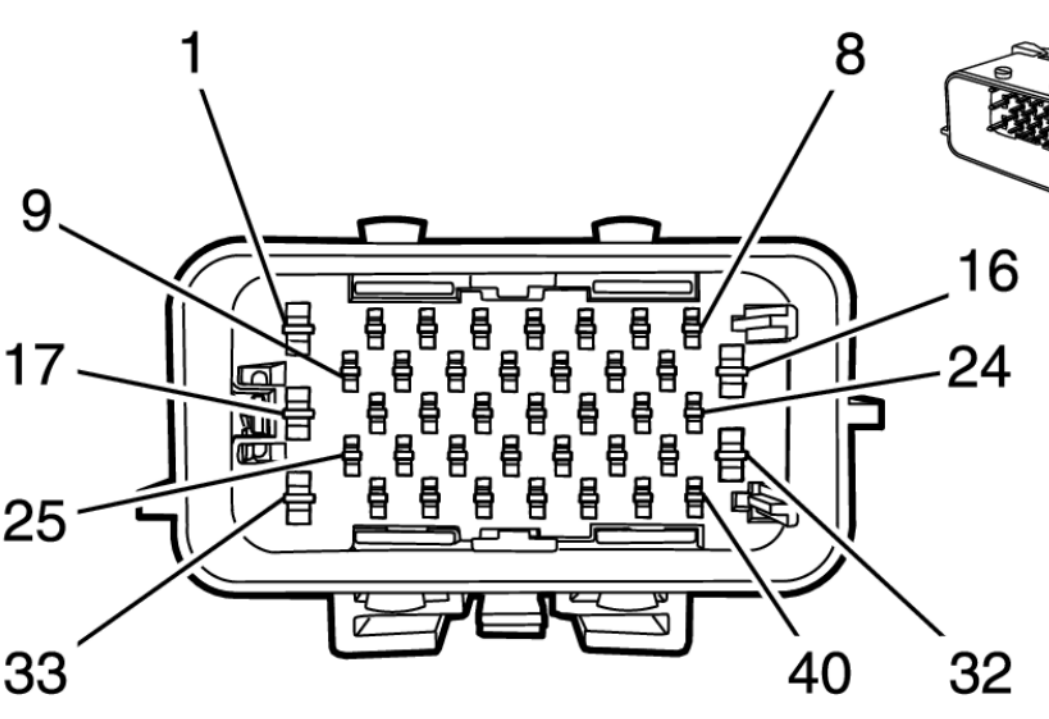


Diagram showing the end view of the X325 Passenger Seatback Harness Connector. The connector is a 40-way M 1.5 DSQ, 2.8 ATS Series, Sealed (YE). It features a grid of terminals with labels 1, 8, 9, 16, 17, 24, 25, 32, 33, 40, and 41. A small inset shows the connector from a different angle.

Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 13588545
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way M 1.5 DSQ, 2.8 ATS Series, Sealed (YE)

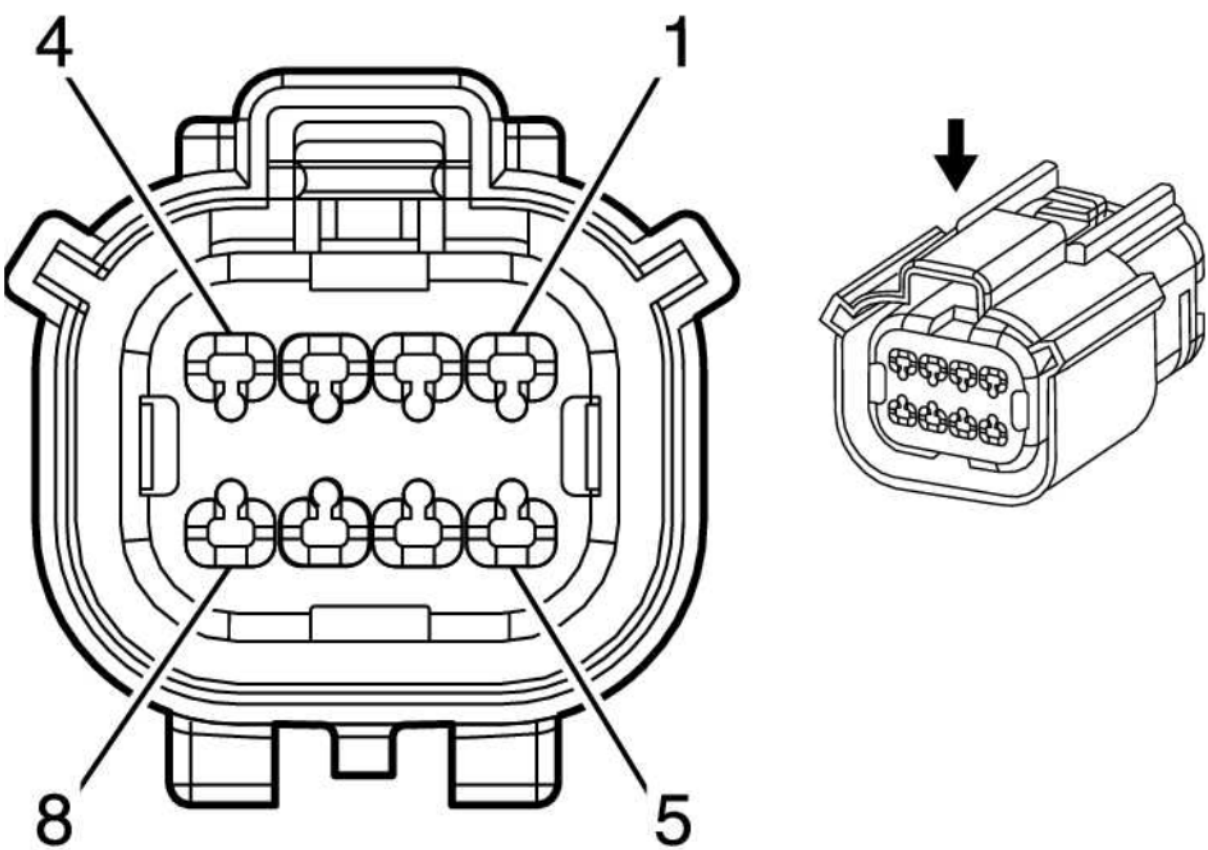
Terminal Part Information

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	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	-	GN	76	I	-	Passenger Power Seat Recline Motor Forward Control	1	-	GN	76	II	-
2	-	BU/BN	77	I	-	Passenger Power Seat Recline Motor Rearward Control	2	-	BU/BN	77	II	-
3	-	WH/RD	3298	I	-	Memory Sensor High Reference 2	3	-	WH/RD	3298	II	-
4	-	WH/BK	570	I	-	Driver Memory Seat Recline Motor Position Sensor Signal	4	-	WH/BK	570	II	-
5	-	BN/YE	9016	I	-	-	5	-	BN/YE	9016	II	-
6	-	BU/YE	9017	I	-	-	6	-	BU/YE	9017	II	-
7	-	GN/YE	9015	I	-	-	7	-	GN/YE	9015	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	-	WH/BN	2481	I	-	Passenger Heated Back Element Control	9	-	WH/BN	2481	II	-
10	-	GY/BK	2480	I	-	Passenger Heated Seat Element Low Reference	10	-	GY/BK	2480	II	-
11	-	WH/BU	2436	I	-	Passenger Heated Back NTC Signal	11	-	WH/BU	2436	II	-
12	-	BK/GN	2482	I	-	Passenger Heated Back NTC Low Reference	12	-	BK/GN	2482	II	-
13	-	VT/WH	5908	I	-	Passenger Seat Vent Motor Control 1	13	-	VT/WH	5908	II	-
14	-	BK	2250	I	-	Ground	14	-	BK	2250	II	-
15	-	VT/BK	739	I	-	Run/Crank Ignition 1 Voltage	15	-	VT/BK	739	II	-
16	-	RD/WH	2040	I	-	Battery Positive Voltage	16	-	RD/WH	2040	II	-
	-	BU	211	I	-	Passenger Power Seat Lumbar Motor Forward Control		-	BU	211	II	-
17	-	VT	210	I	-	Passenger Power Seat Lumbar Motor Rearward Control	17	-	VT	210	II	-
	-	BK	2250	I	-	Ground		-	BK	2250	II	-
18	-	GN/YE	4116	I	-	Local Interconnect Network Serial Data Bus 16	18	-	GN/YE	4116	II	-
	-	YE	4280	I	-	Passenger Memory Seat Lumbar Horizontal Position Sensor Signal		-	YE	4280	II	-
19	-	WH/BU	4891	I	-	Driver Bolster Pump Control	19	-	WH/BU	4891	II	-
	-	WH/RD	6207	I	-	Memory Sensor High Reference		-	WH/RD	6207	II	-
20	-	BK	2150	I	-	Ground	20	-	BK	2150	II	-
	-	BK/GY	6206	I	-	Memory Sensor Low Reference		-	BK/GY	6206	II	-
21	-	OG/GY	3066	I	-	Passenger Side Impact Module High Control	21	-	OG/GY	3066	II	-
22	-	BN/OG	3067	I	-	Passenger Side Impact Module Low Control	22	-	BN/OG	3067	II	-
23	-	GN/BK	5909	I	-	Passenger Seat Vent Motor Control 2	23	-	GN/BK	5909	II	-
24 - 28	-	-	-	-	-	Not Occupied	24 - 28	-	-	-	-	-
29	-	VT/GY	4940	I	-	Battery Positive Voltage	29	-	VT/GY	4940	II	-
30	-	GN/YE	7066	I	-	Entertainment Remote Enable Signal	30	-	GN/YE	7066	II	-
31	-	BK/WH	1851	I	-	Signal Ground	31	-	BK/WH	1851	II	-
32	-	GY/YE	5759	I	-	Right Front Seat Left Speaker Control (+)	32	-	GY/YE	5759	II	-
33	-	YE/BK	5769	I	-	Right Front Seat Left Speaker (-) Low Reference	33	-	YE/BK	5769	II	-
34	-	YE/GN	5760	I	-	Right Front Seat Right Speaker Control (+)	34	-	YE/GN	5760	II	-
35	-	GN/BK	5770	I	-	Right Front Seat Right Speaker (-) Low Reference	35	-	GN/BK	5770	II	-
36 - 40	-	-	-	-	-	Not Occupied	36 - 40	-	-	-	-	-

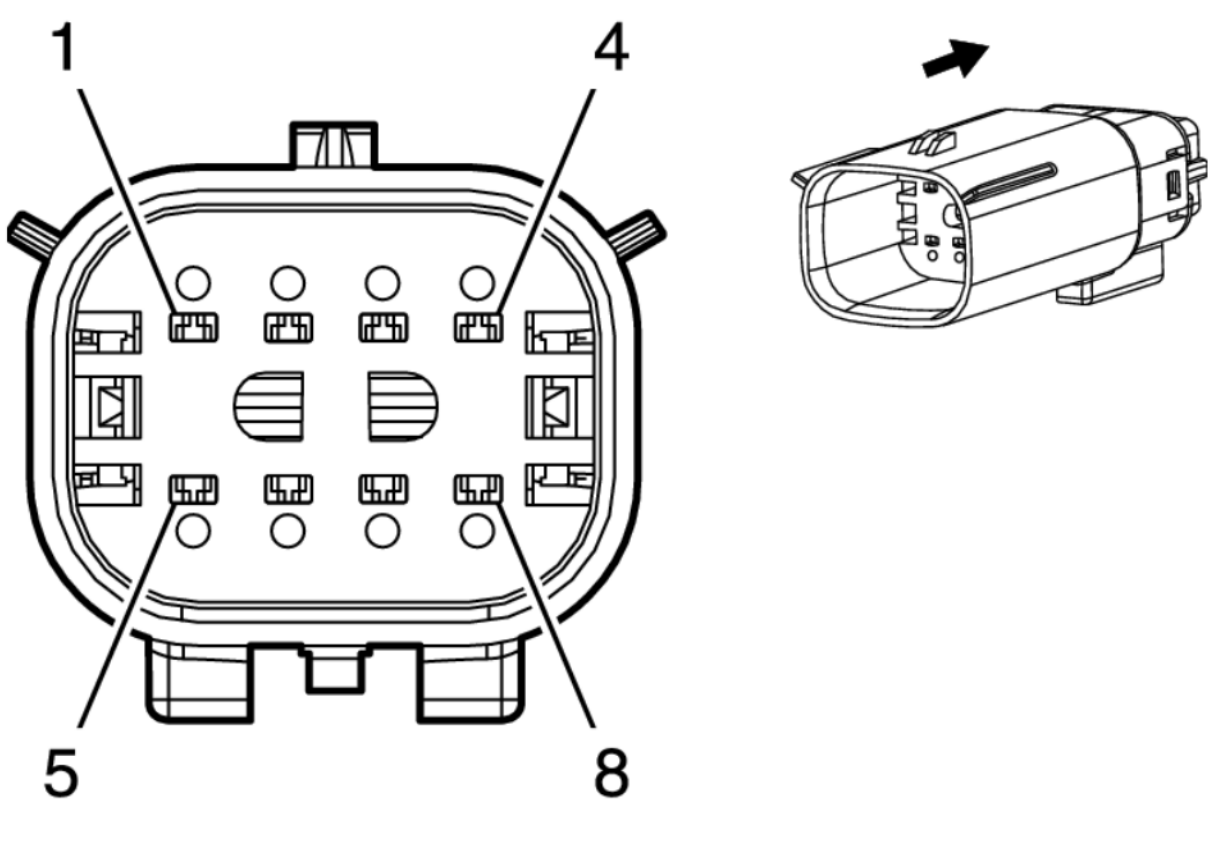
X331 BODY HARNESS TO REAR AXLE HARNESS (NYS)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13775879
- Service Connector: 13587959
- Description: 8-Way F 150 MX Series, Sealed (BK)



Connector Part Information

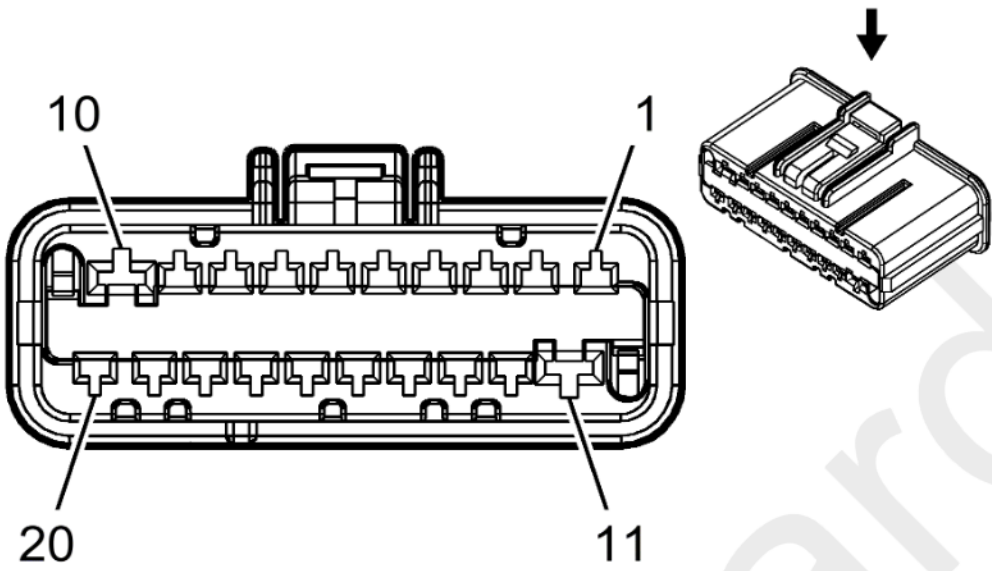
- Harness Type: Rear Axle
- OEM Connector: 15456955
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

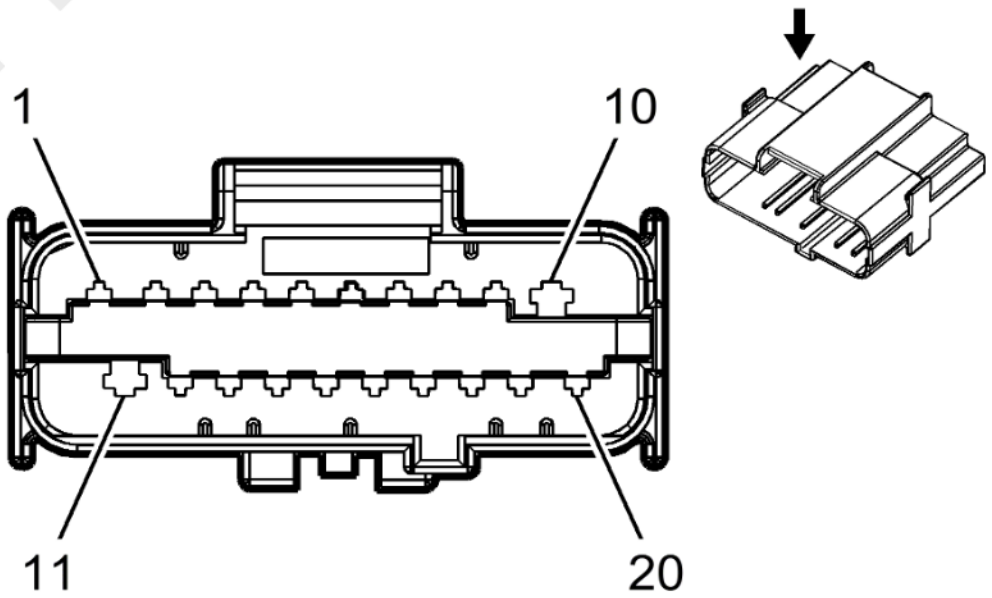
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	BU/YE	6105	I	(F55/UFQ/AX7)-UGN	High Speed GMLAN Serial Data (+) 2	1	0.5	BU/YE	6105	III	(UGN)/(-(UGN/AX7/F55/UFQ))
2	0.35	WH	6106	I	(F55/UFQ/AX7)-UGN	High Speed GMLAN Serial Data (-) 2	2	0.5	WH	6106	III	(UGN)/(-(UGN/AX7/F55/UFQ))
3	0.5	BU/YE	6105	II	-	High Speed GMLAN Serial Data (+) 2	3	0.5	BU/YE	6105	III	-
4	0.5	WH	6106	II	-	High Speed GMLAN Serial Data (-) 2	4	0.5	WH	6106	III	-
5	0.35	WH/BU	5986	II	-	Serial Data Communication Enable	5	0.5	WH/BU	5986	III	-
6 - 8	-	-	-	-	-	Not Occupied	6 - 8	-	-	-	-	-

X336 BODY HARNESS TO FLOOR CONSOLE HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 15533831
- Service Connector: 13580849
- Description: 20-Way F 1.5, 2.8 Series (GY)



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 15532144
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way M 1.5, 2.8 Series (GY)

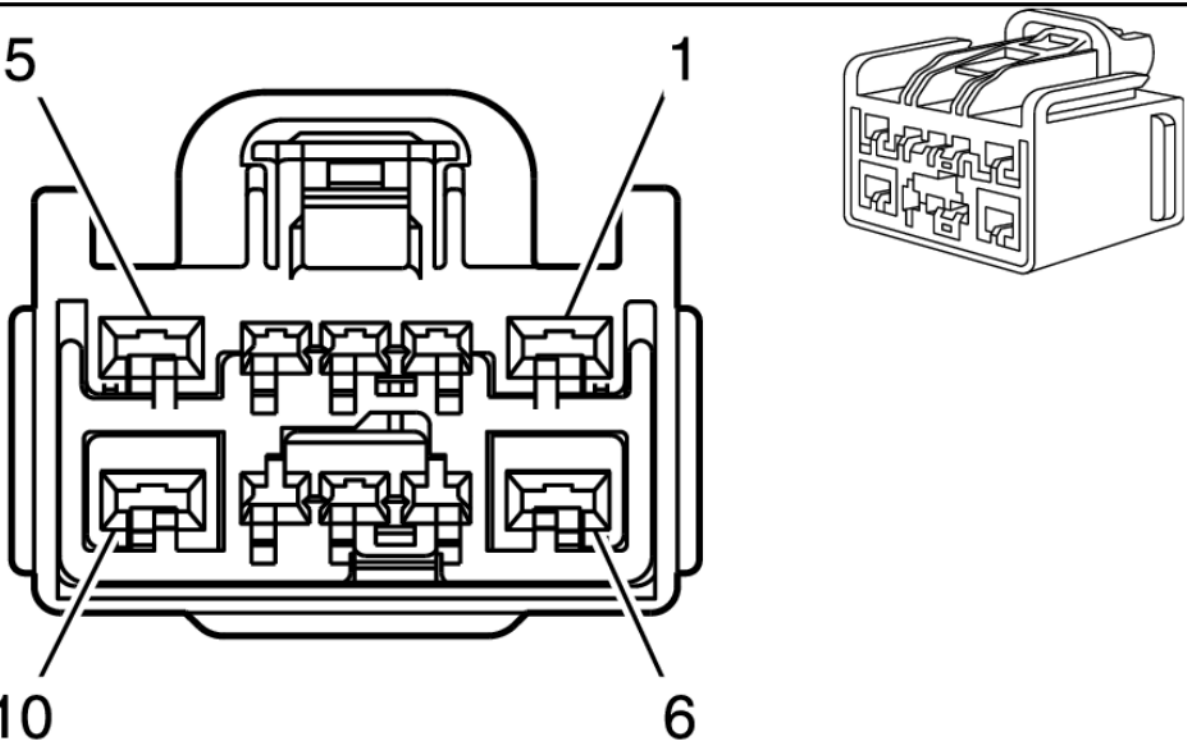
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575868	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.5	RD/BU	840	I	C24	Battery Positive Voltage	2	0.5	RD/L-BU	840	II	C24
3	0.5	BARE	5345	I	ASG	Auxiliary Audio Low Reference 1	3	0.5	BARE	5345	II	ASG
4	0.35	BN	3374	I	ASG	Auxiliary Audio Common Signal 2	4	0.35	BN	3374	II	ASG
5	0.35	YE	2059	I	ASG	Left Auxiliary Audio Signal 1	5	0.35	YE	2059	II	ASG
6	0.35	WH	2058	I	ASG	Right Auxiliary Audio Signal 1	6	0.35	WH	2058	II	ASG
7	0.35	BN	9519	I	C24	-	7	0.35	BN	9519	II	C24
8	0.35	GY	4109	I	-	Driver Mode Switch 5V Reference	8	0.35	GY	4109	II	-
9	0.35	WH/VT	4108	I	-	Driver Mode Switch Signal	9	0.35	WH/VT	4108	II	-
10 - 11	-	-	-	-	-	Not Occupied	10 - 11	-	-	-	-	-
12	0.35	BK/YE	645	I	-	Sensor Low Reference	12	0.5	BK/YE	645	II	-
13	0.35	BN/BK	405	I	-	Lower Air Temperature Sensor Signal	13	0.35	BN/BK	405	II	-
14	0.35	GN/YE	7066	I	-	Entertainment Remote Enable Signal	14	0.35	GN/YE	7066	II	-
15	0.35	BN/WH	1218	I	-	Upper Mode Valve Motor Control	15	0.35	BN/WH	1218	II	-
16	0.35	YE/BK	3185	I	-	Mode Door Stepper Motor Rear Control 1	16	0.35	YE/BK	3185	II	-

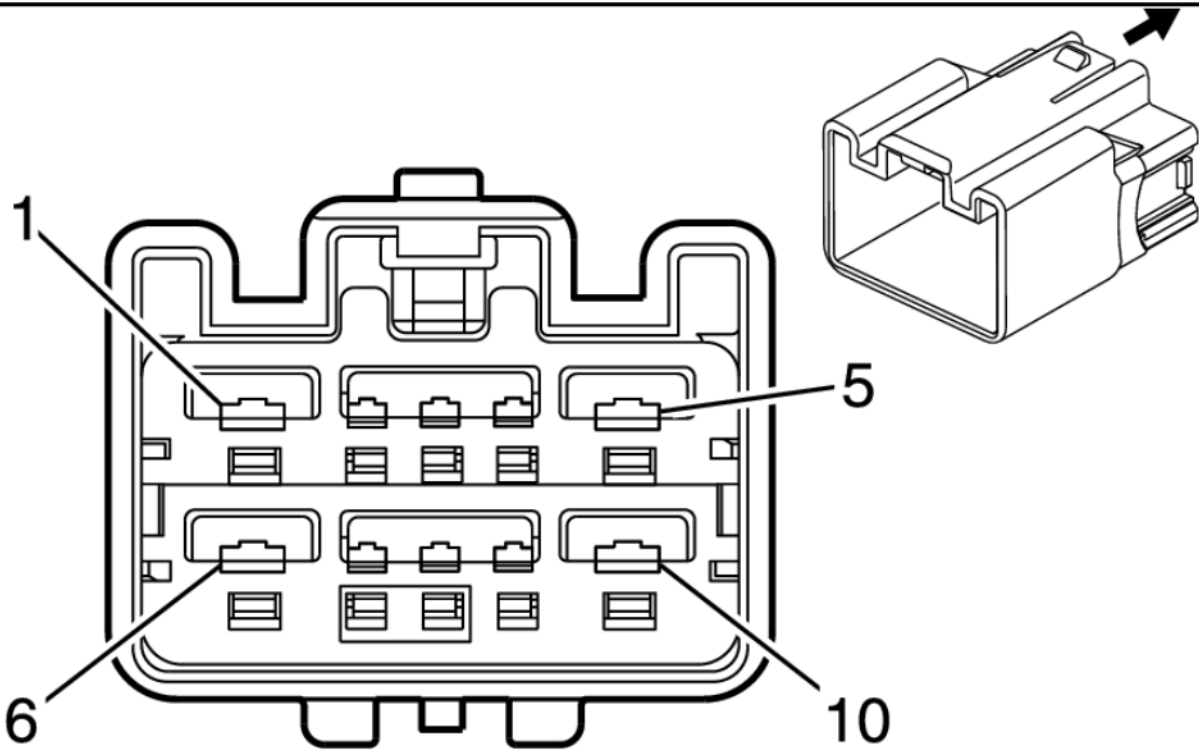
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
17	0.35	GN/BK	3186	I	-	Mode Door Stepper Motor Rear Control 2	17	0.35	GN/BK	3186	II	-
18	0.35	BU/BK	3187	I	-	Mode Door Stepper Motor Rear Control 3	18	0.35	BU/BK	3187	II	-
19	0.35	GY/BK	3188	I	-	Mode Door Stepper Motor Rear Control 4	19	0.35	GY/BK	3188	II	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-

X339 BODY HARNESS TO SUNROOF JUMPER HARNESS (C3U)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13506592
- Service Connector: 19167677
- Description: 10-Way F 1.5, 2.8 Kaizen Series (L-GY)



Connector Part Information

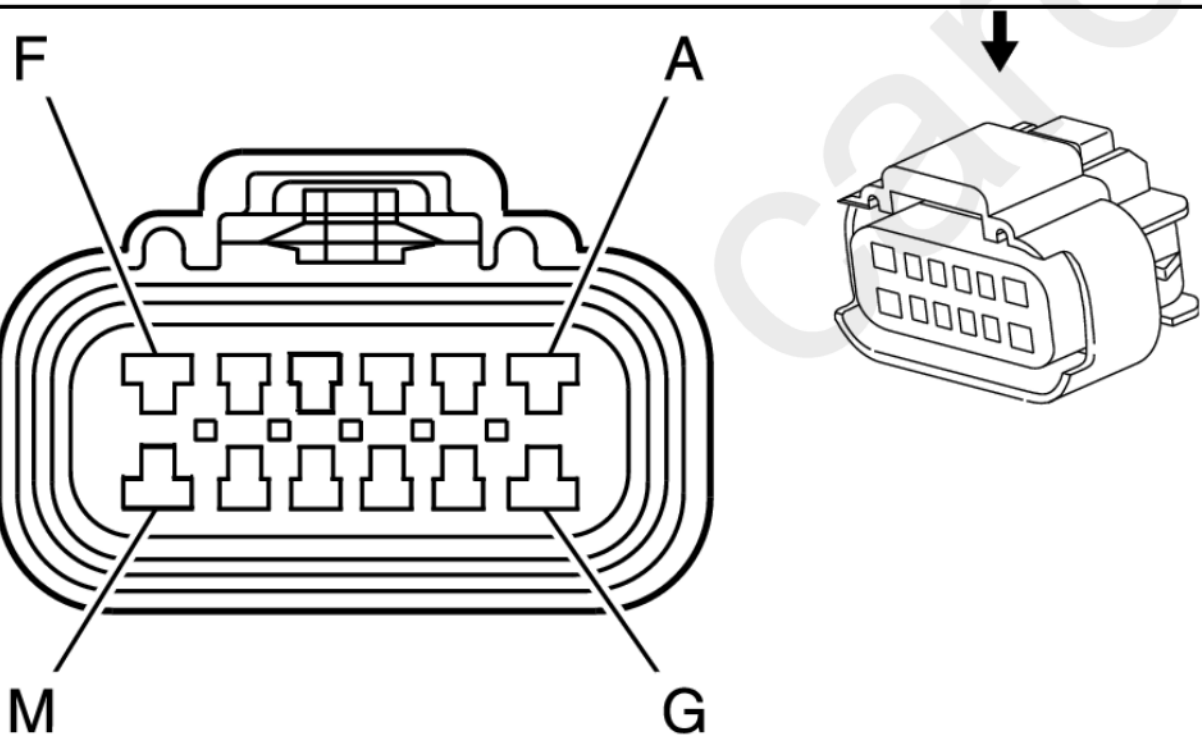
- Harness Type: Sunroof Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578891	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13580025	J-35616-4A (PU)	J-38125-11A	7116-4112-02	Yazaki 9	C	D
III	19300638	J-35616-2A (GY)	J-38125-560	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

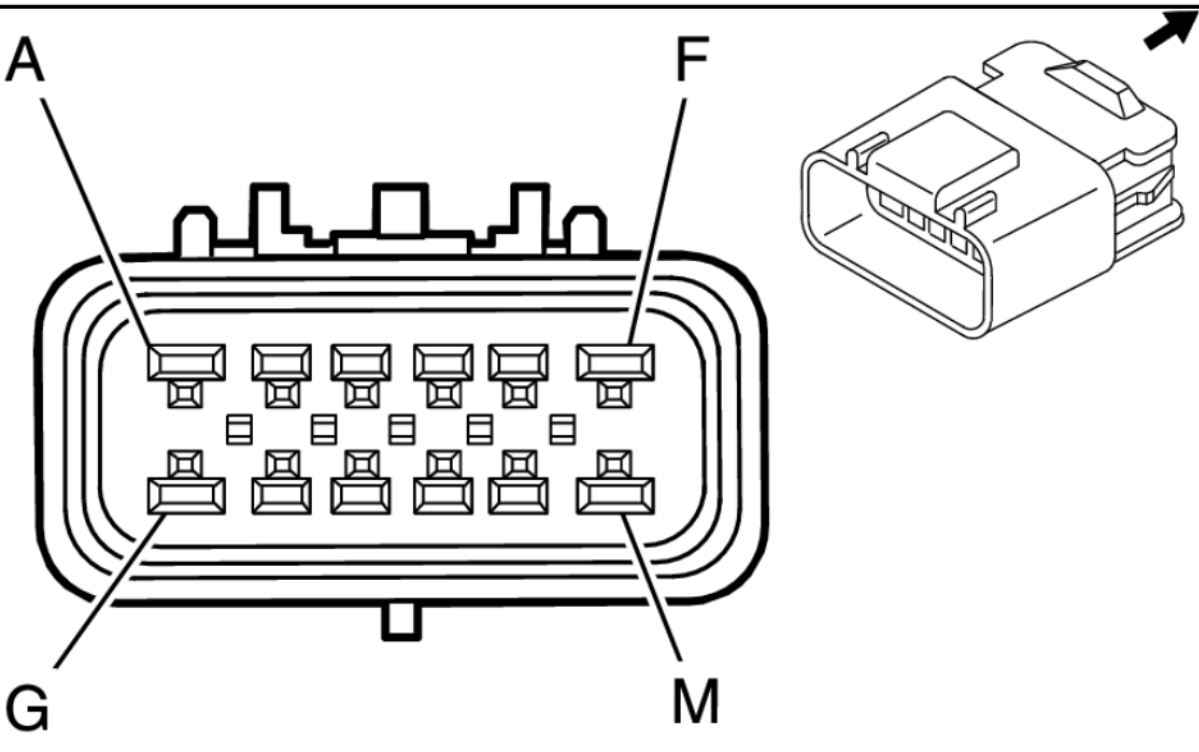
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	RD/GY	3540	II	-	Battery Positive Voltage	1	2.5	RD/GY	3540	IV	-
2	0.35	YE/GN	5308	I	-	Rear Sunshade Switch Open Signal	2	0.35	YE/GN	5308	IV	-
3	0.13	BU	5027	III	-	Sunroof Switch Data 1 Signal	3	0.13	BU	5027	IV	-
4	0.13	BK	128	III	-	Sunroof Switch Low Reference	4	0.13	BK	128	IV	-
5	2.5	BK	2350	II	-	Ground	5	2.5	BK	2350	IV	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.13	WH	3031	III	-	Sunroof Vent Switch Signal	7	0.13	WH	3031	IV	-
8	0.35	BU/GY	3032	I	-	Front Sunshade Switch Signal	8	0.35	BU/GY	3032	IV	-
9	0.35	GN/BN	6132	I	-	Local Interconnect Network Serial Data Bus 1	9	0.35	GN/BN	6132	IV	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-

X350 FUEL TANK HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 15326939
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 150, 280 GT Series, Sealed (BK)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15336034
- Service Connector: 19168032
- Description: 12-Way M 150, 280 GT Series, Sealed (BK)

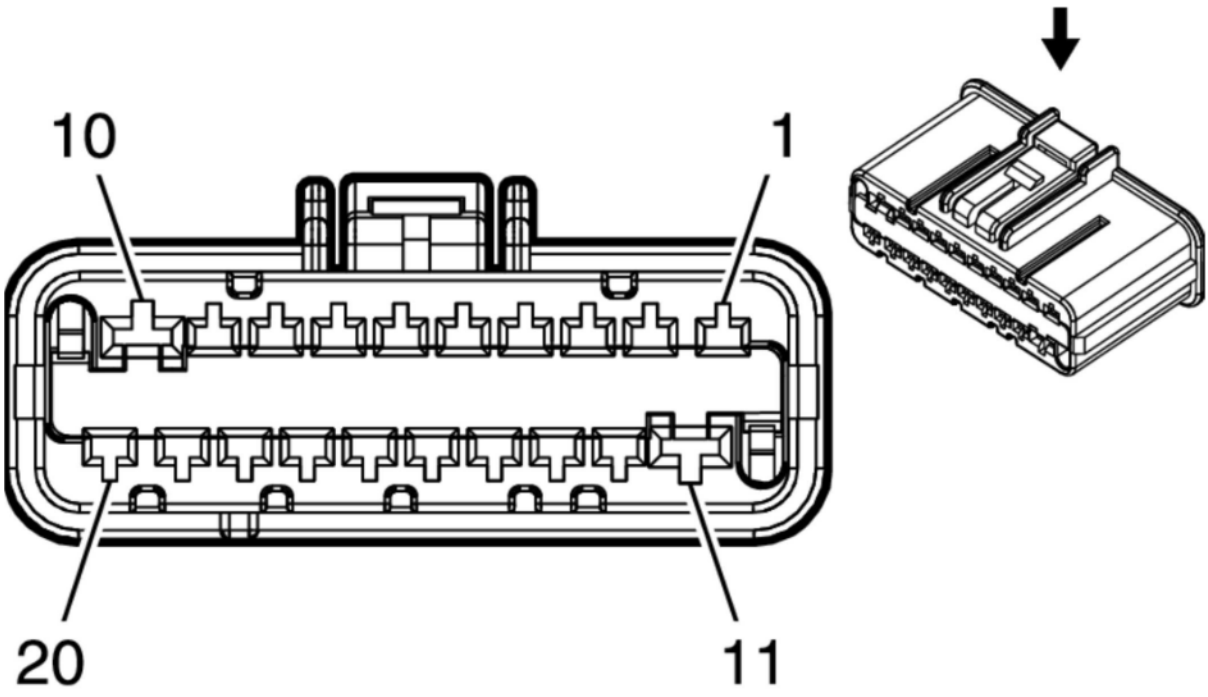
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	13575397	J-35616-3 (GY)	J-38125-553	15326269	Delphi 19	E	4
IV	13575443	J-35616-5 (PU)	J-38125-553	15304732	Delphi 8	A	5
V	13580826	J-35616-5 (PU)	J-38125-553	15304731	Delphi 19	E	5

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A - C	-	-	-	-	-	Not Occupied	A - C	-	-	-	-	-
D	0.35	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	D	0.5	BK/YE	7447	III	-
E	0.5	BU	7443	I	-	Fuel System Control Module Shield Ground Extension	E	0.35	BU	7444	III	-
F	2	GY	120	II	-	Fuel Pump Control	F	2	GY	120	IV	-
G	0.35	BU/WH	1937	II	-	Secondary Fuel Level Sensor Signal	G	0.5	BU/WH	1937	V	-

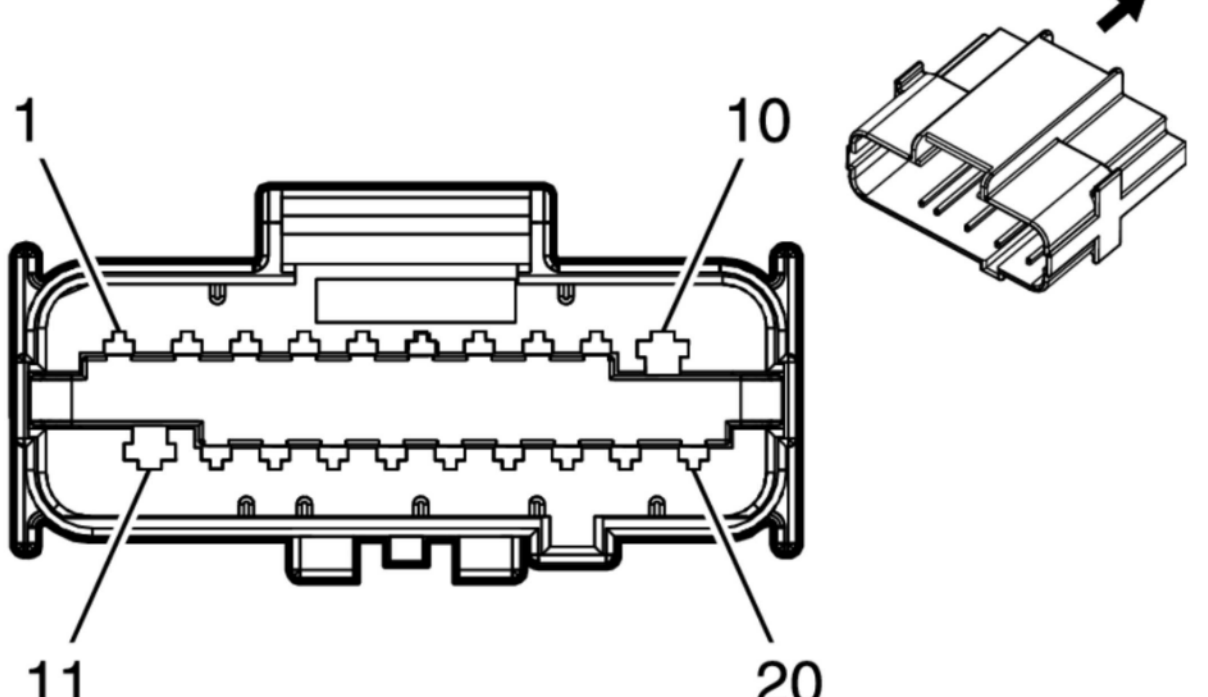
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
H	0.35	BU/WH	7446	I	-	Fuel Line Pressure Sensor Signal	H	0.5	BU/WH	7446	III	-
J	0.35	BN/RD	7445	I	-	Fuel Line Pressure Sensor 5V Reference	J	0.5	BN/RD	7445	III	-
K	0.35	BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	K	0.5	BU/VT	1589	III	-
L	0.35	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	L	0.5	BK/GN	6281	III	-
M	2	BK/GN	1580	II	-	Fuel Pump Low Reference	M	2	BK/GN	1580	IV	-

X356 REAR SEAT BACK HARNESS TO BODY HARNESS (-AQ9)



Connector Part Information

- Harness Type: Rear Seat Back
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F



Connector Part Information

- Harness Type: Body
- OEM Connector: 33183948
- Service Connector: 13597060
- Description: 20-Way M 1.5, 2.8 Series (YE)

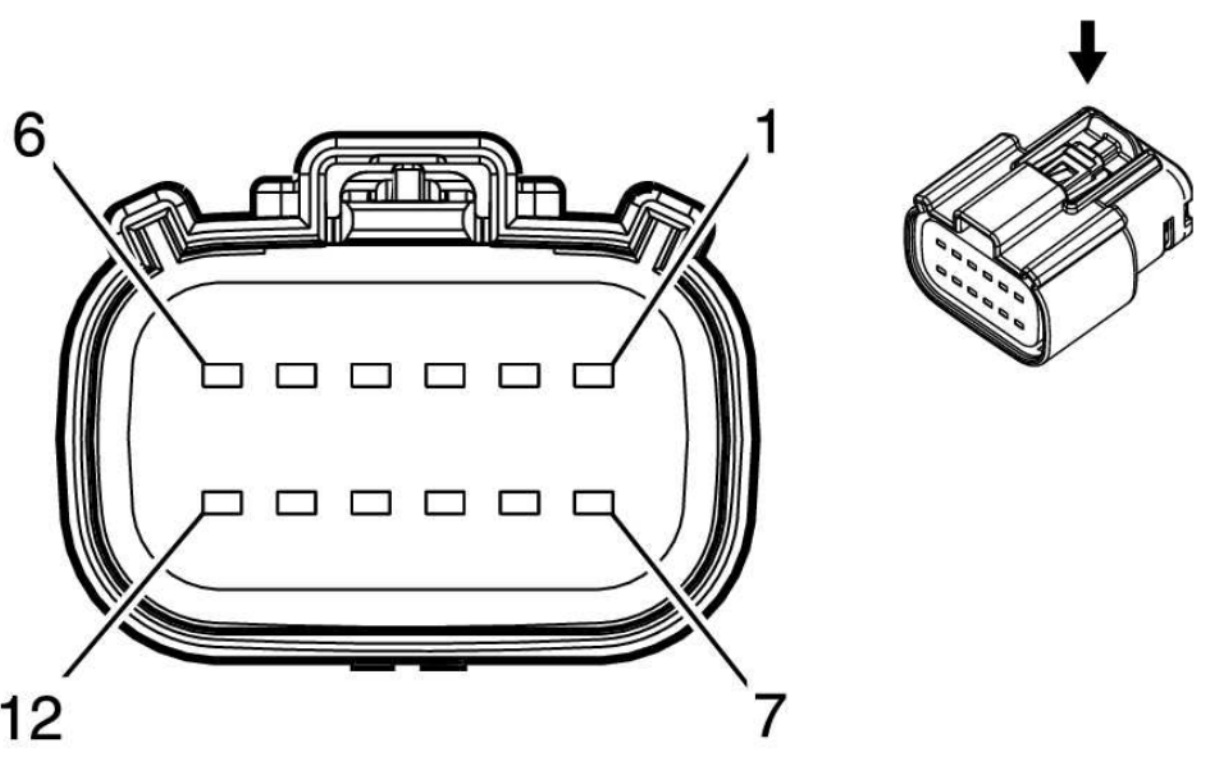
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
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	0.5	BK/WH	1851	I	UWG	Signal Ground Signal Ground	1	0.5	BK/WH	1851	III	UWG
1	0.5	BK/WH	1851	I	UWG	Signal Ground Signal Ground	1	0.5	BK/WH	1851	III	UWG
2	0.5	RD/GY	2140	I	UWG	Battery Positive Voltage Battery Positive Voltage	2	0.5	RD/GY	2140	III	UWG
2	0.5	RD/GY	2140	I	UWG	Battery Positive Voltage Battery Positive Voltage	2	0.5	RD/GY	2140	III	UWG
3 - 6	-	-	-	-	-	Not Occupied	3 - 6	-	-	-	-	-
7	0.35	WH	2058	I	UWG	Right Auxiliary Audio Signal 1 Right Auxiliary Audio Signal 1	7	0.35	WH	2058	III	UWG
7	0.35	WH	2058	I	UWG	Right Auxiliary Audio Signal 1 Right Auxiliary Audio Signal 1	7	0.35	WH	2058	III	UWG
8	0.35	YE	2059	I	UWG	Left Auxiliary Audio Signal 1 Left Auxiliary Audio Signal 1	8	0.35	YE	2059	III	UWG
8	0.35	YE	2059	I	UWG	Left Auxiliary Audio Signal 1 Left Auxiliary Audio Signal 1	8	0.35	YE	2059	III	UWG
9	0.35	BN	3374	I	UWG	Auxiliary Audio Common Signal 2 Auxiliary Audio Common Signal 2	9	0.35	BN	3374	III	UWG
9	0.35	BN	3374	I	UWG	Auxiliary Audio Common Signal 2 Auxiliary Audio Common Signal 2	9	0.35	BN	3374	III	UWG
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	2.5	BK	2350	I	KA6	Ground Ground	11	2.5	BK	2350	II	KA6
11	2.5	BK	2350	I	KA6	Ground Ground	11	2.5	BK	2350	II	KA6
12	0.35	GN/BU	6133	I	KA6	Local Interconnect Network Serial Data Bus 2 Local Interconnect Network Serial Data Bus 2	12	0.35	GN/BU	6133	III	KA6
12	0.35	GN/BU	6133	I	KA6	Local Interconnect Network Serial Data Bus 2 Local Interconnect Network Serial Data Bus 2	12	0.35	GN/BU	6133	III	KA6
13 - 16	-	-	-	-	-	Not Occupied	13 - 16	-	-	-	-	-
17	0.5	BARE	5345	I	-	Auxiliary Audio Low Reference 1 Auxiliary Audio Low Reference 1	17	0.5	BARE	5345	III	-
17	0.5	BARE	5345	I	-	Auxiliary Audio Low Reference 1 Auxiliary Audio Low Reference 1	17	0.5	BARE	5345	III	-
18	0.75	RD/WH	4740	I	KA6	Battery Positive Voltage Battery Positive Voltage	18	0.75	RD/WH	4740	III	KA6
18	0.75	RD/WH	4740	I	KA6	Battery Positive Voltage Battery Positive Voltage	18	0.75	RD/WH	4740	III	KA6
19	-	-	-	-	-	Not Occupied	19	-	-	-	-	-
20	0.75	VT/WH	1539	I	KA6	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	20	0.75	VT/WH	1539	III	KA6

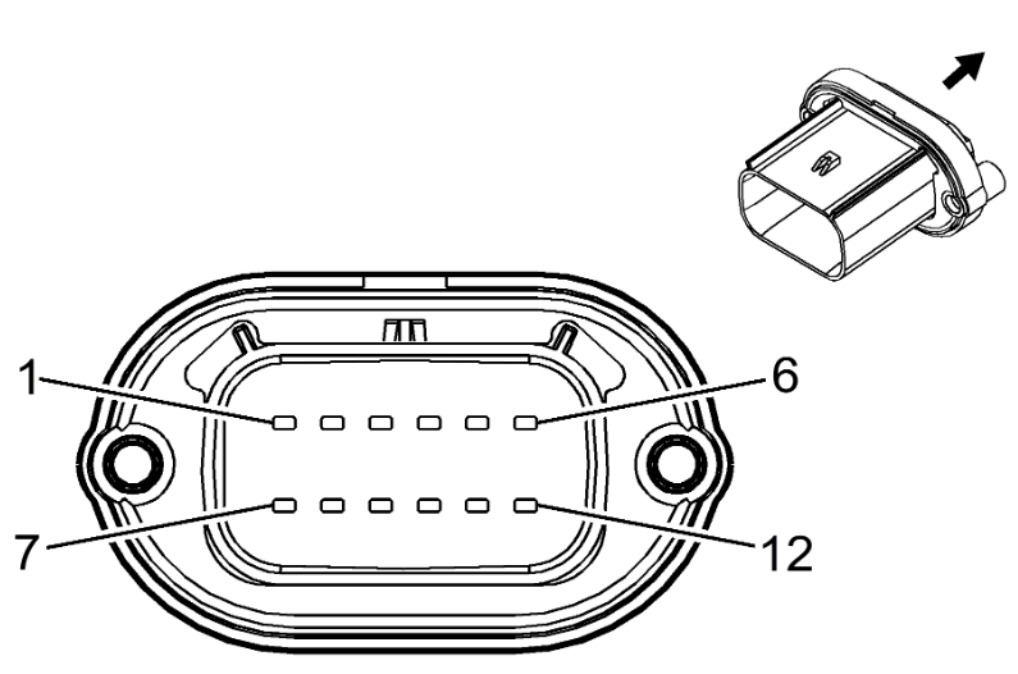
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
20	0.75	VT/WH	1539	I	KA6	Run/Crank Ignition 1 Voltage Run/Crank Ignition 1 Voltage	20	0.75	VT/WH	1539	III	KA6

X357 BODY HARNESS TO AUXILIARY BATTERY CABLE HARNESS (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33155948
- Service Connector: 13587963
- Description: 12-Way F 150 MX Series, Sealed (D-GY)



Connector Part Information

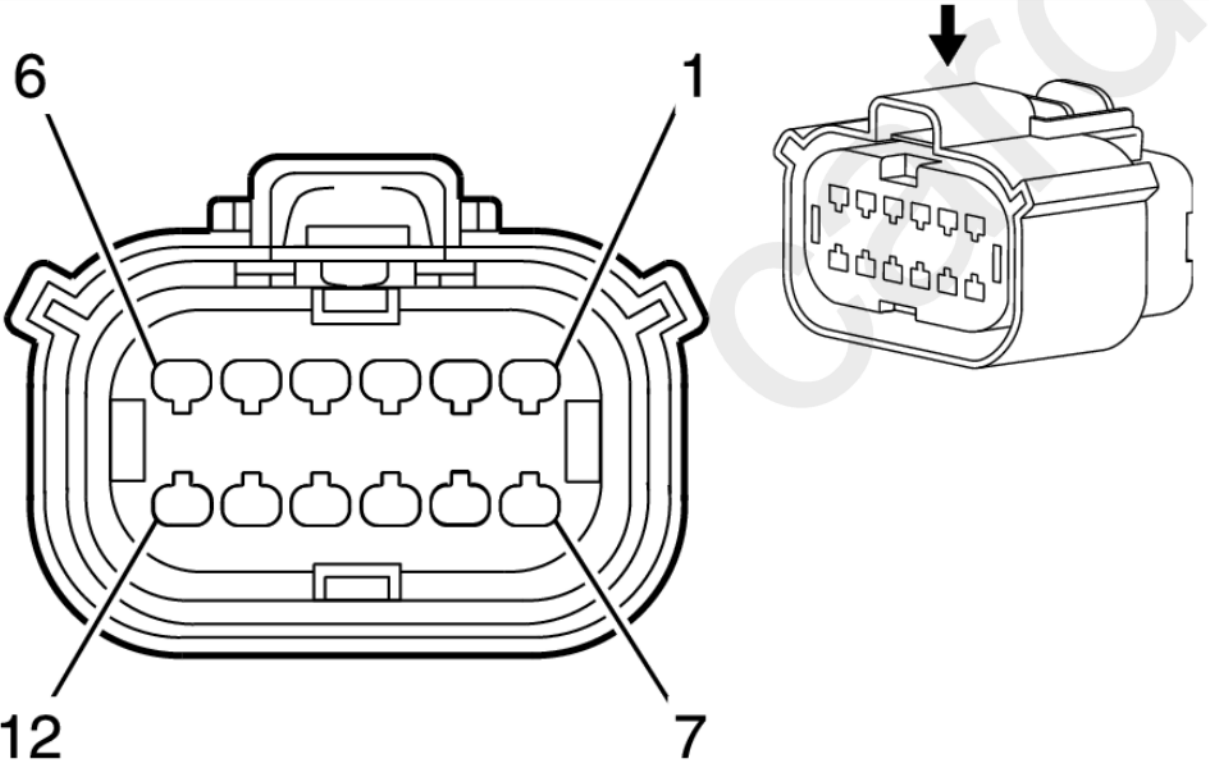
- Harness Type: Auxiliary Battery Cable
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	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

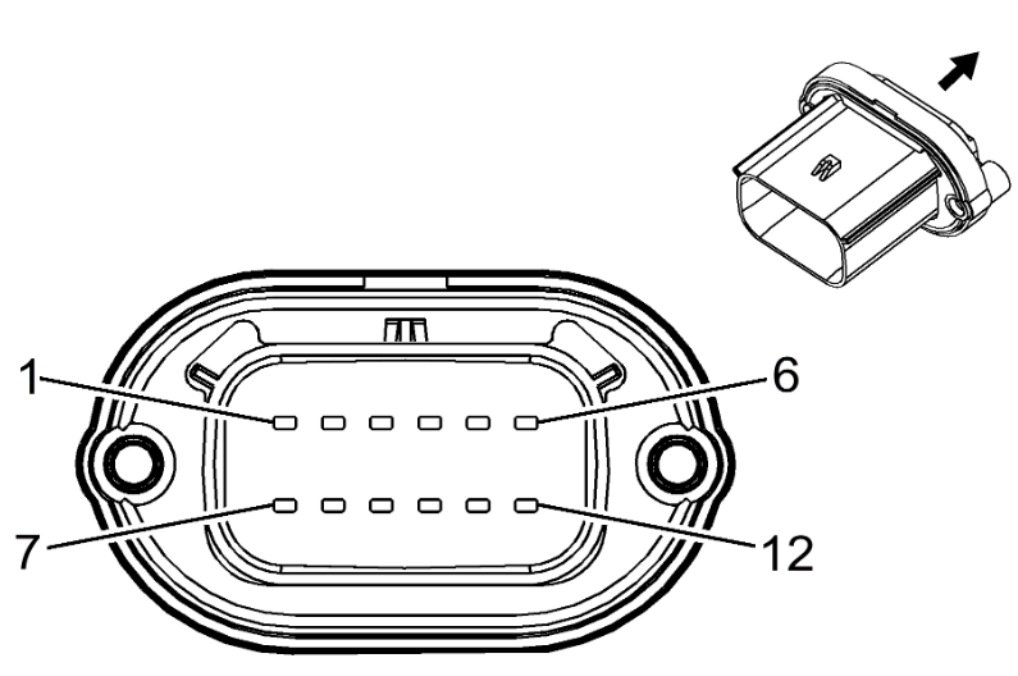
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BU/GN	6433	I	-	CAN Bus High Serial Data	1	0.5	BU/GN	6433	II	-
2	0.5	BN/GN	3959	I	-	High Voltage Battery 1 (+) Relay Control	2	0.5	BN/GN	3959	II	-
3	0.5	WH	6432	I	-	CAN Bus Low Serial Data	3	0.5	WH	6432	II	-
4	0.5	VT/GY	3961	I	-	High Voltage Battery (-) Relay Control	4	0.5	VT/GY	3961	II	-
5	0.5	BU/BN	3787	I	-	High Voltage Energy Management Communication Control	5	0.5	BU/BN	3787	II	-
6	0.5	WH/VT	5137	I	-	Precharge Relay PWM Signal	6	0.5	WH/VT	5137	II	-
7	0.5	YE/VT	3962	I	-	High Voltage Battery 3 (+) Relay Control	7	0.5	YE/VT	3962	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-
9	0.5	VT	5087	I	-	High Voltage Interlock Loop Signal 1	9	0.5	VT	5087	II	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.5	BK/BN	5088	I	-	High Voltage Interlock Loop Low Reference 1	11	0.5	BK/BN	5088	II	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-

X358 BODY HARNESS TO AUXILIARY BATTERY CABLE HARNESS (HP9)



Connector Part Information

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



Connector Part Information

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

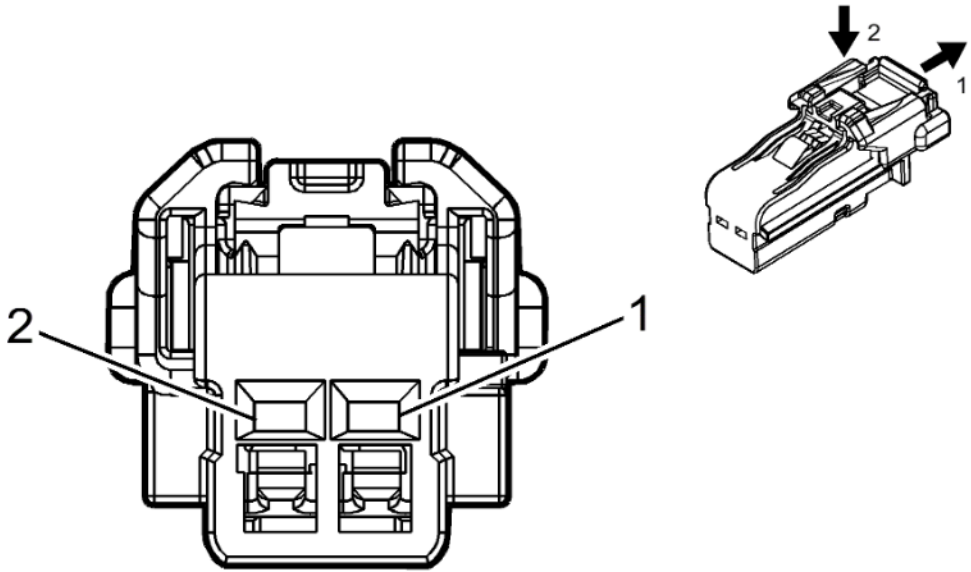
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	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	0.35	RD/VT	1640	I	-	Battery Positive Voltage	1	0.35	RD/VT	1640	II	-
2	0.5	VT	3195	I	-	Auxiliary Heater Control	2	0.5	VT	3195	II	-
3	0.5	BU/WH	3977	I	-	Accessory Wakeup Serial Data 2	3	0.5	BU/WH	3977	II	-
4	0.35	VT/BK	1639	I	-	Run/Crank Ignition 1 Voltage	4	0.35	VT/BK	1639	II	-
5	0.5	BK	2350	I	-	Ground	5	0.5	BK	2350	II	-
6	0.5	BU/GY	5139	I	-	High Voltage Fault Signal	6	0.5	BU/GY	5139	II	-
7	0.35	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	7	0.35	BU	2500	II	-
8	0.35	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	8	0.35	WH	2501	II	-

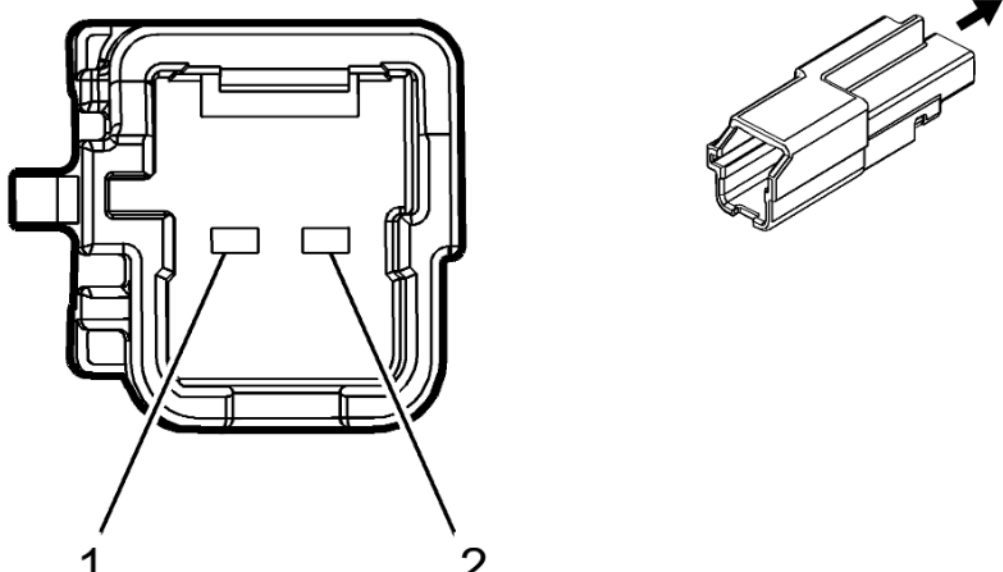
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.5	BK	2350	I	-	Ground	10	0.5	BK	2350	II	-
11	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	11	0.5	BU	2500	II	-
12	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	12	0.5	WH	2501	II	-

X359 BATTERY ENERGY STORAGE HARNESS TO BATTERY PACK COOLANT TEMPERATURE SENSOR JUMPER HARNESS (HP9)



Connector Part Information

- Harness Type: Battery Energy Storage
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F



Connector Part Information

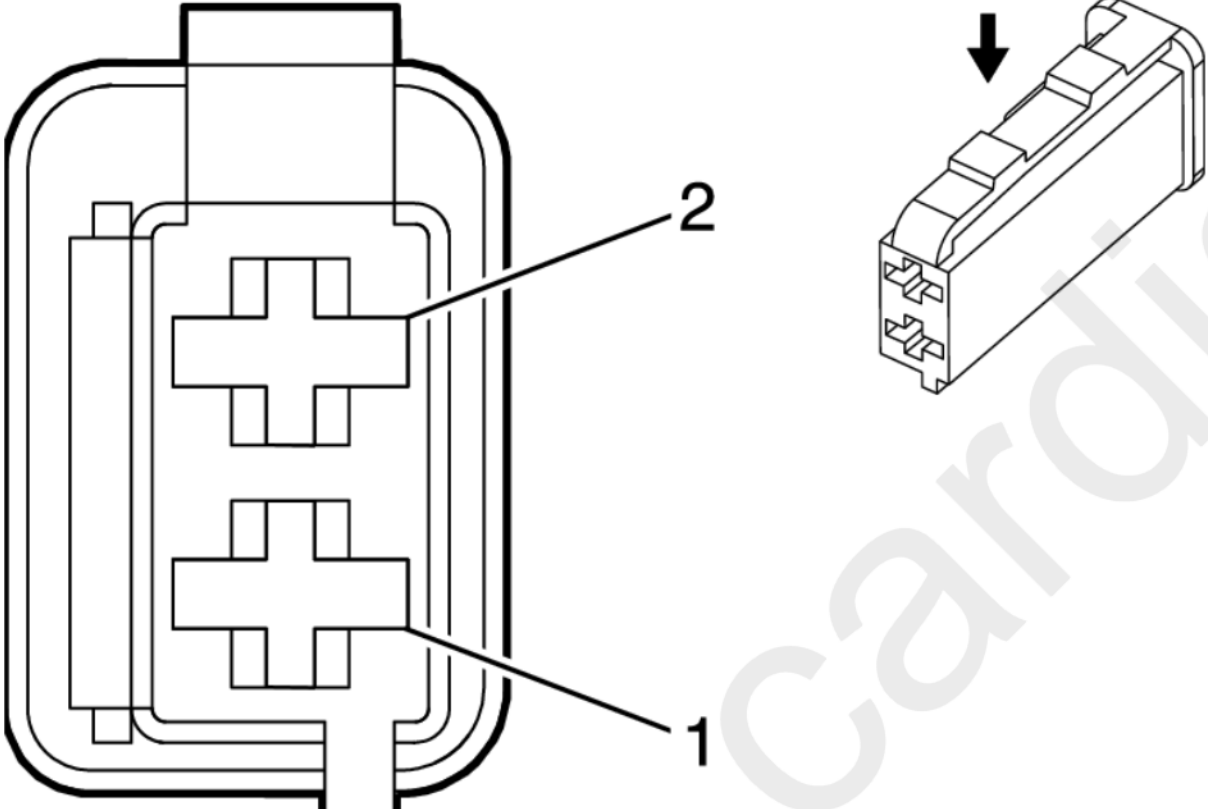
- Harness Type: Battery Pack Coolant Temperature Sensor Jumper
- OEM Connector: 33189233
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-12 (BU)	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

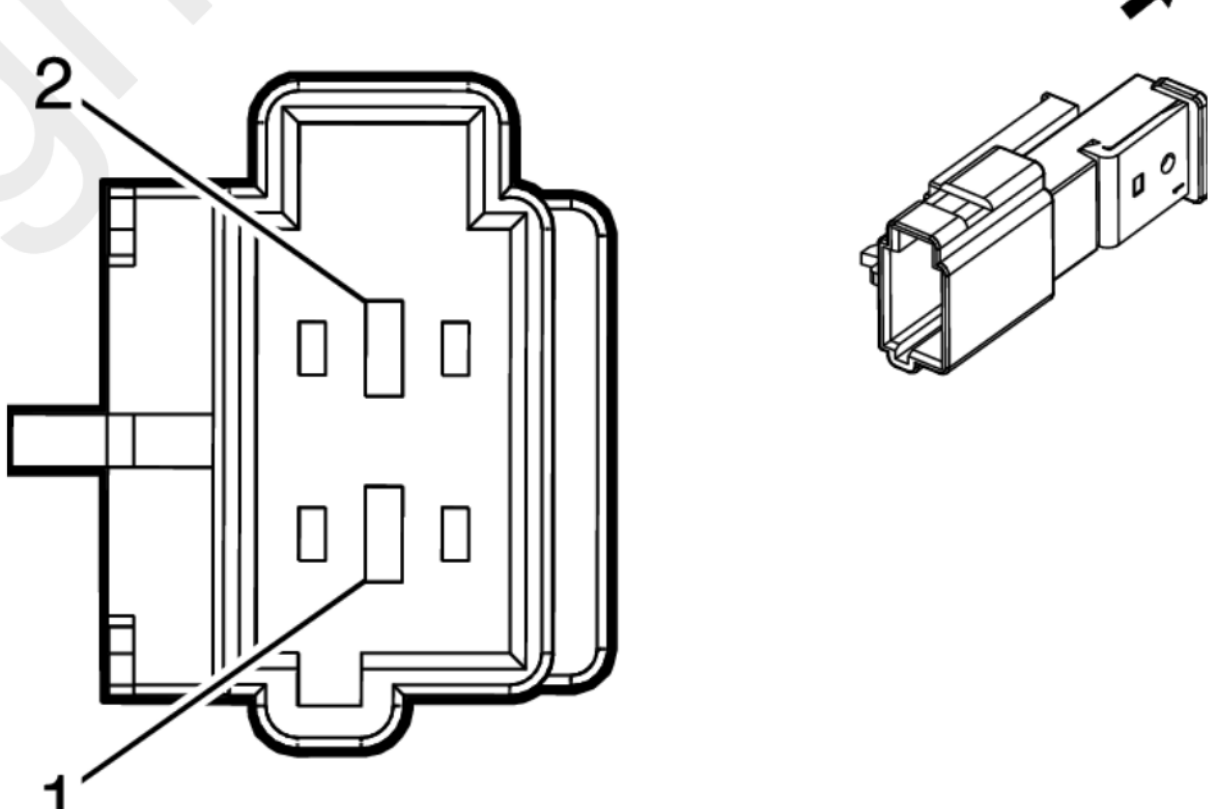
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK/BU	5411	I	-	Battery Module Temperature Signal 7	1	0.5	BK/BU	5411	II	-
2	0.5	YE	3779	I	-	Battery Module Temperature Sensor Low Reference 7	2	0.5	YE	3779	II	-

X360 BODY HARNESS TO BATTERY COOLANT LEVEL JUMPER HARNESS (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13670097
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)



Connector Part Information

- Harness Type: Battery Coolant Level Jumper
- OEM Connector: 13662506
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.6 Timer Series (BK)

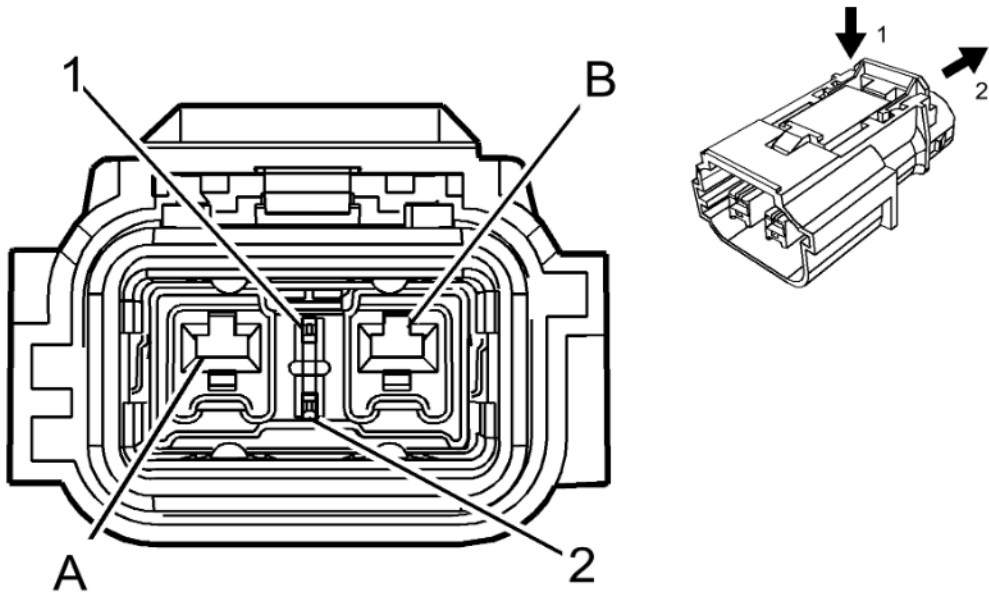
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	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	BK/GN	476	I	-	Sensor Low Reference	1	0.5	BK/GN	476	II	-
2	0.5	BU/YE	68	I	-	Low Coolant Level Indicator Control	2	0.5	BU/YE	68	II	-

X365 HIGH VOLTAGE BATTERY CABLE HARNESS TO HIGH VOLTAGE BATTERY CABLE HARNESS (HP9)

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Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: 13593392
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.8, 2.8 Metri-Pack Series, Sealed (YE)

Connector Part Information

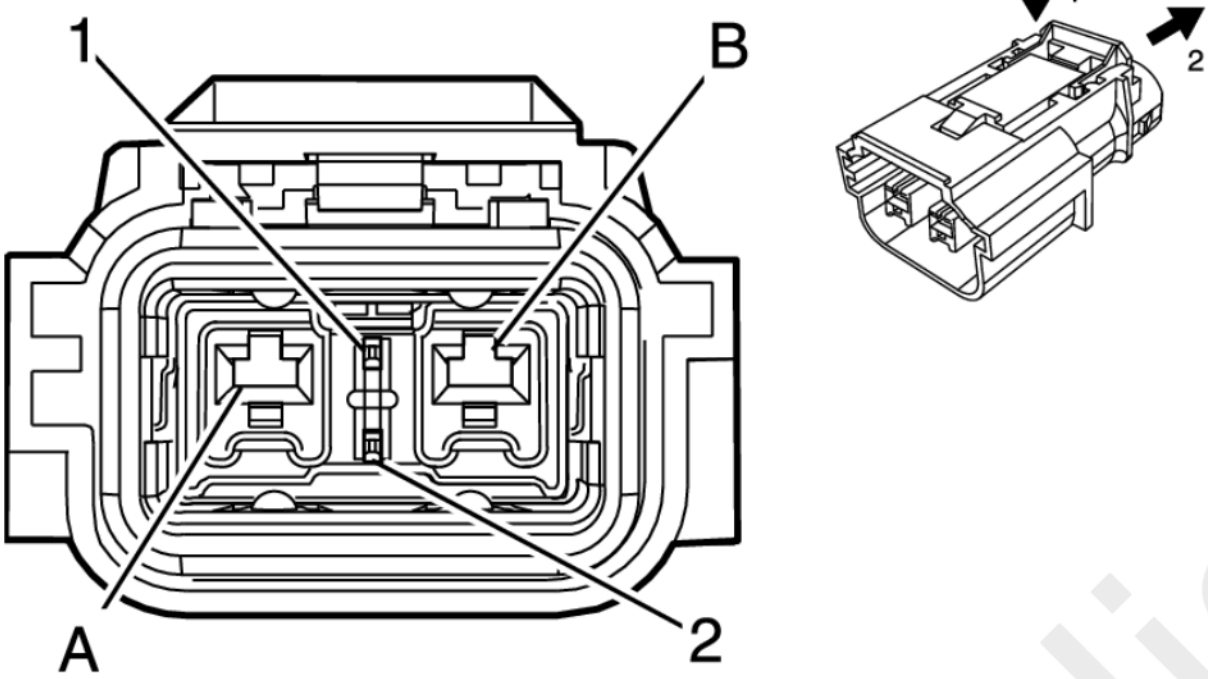
- Harness Type: High Voltage Battery Cable
- OEM Connector: 13589313
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

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

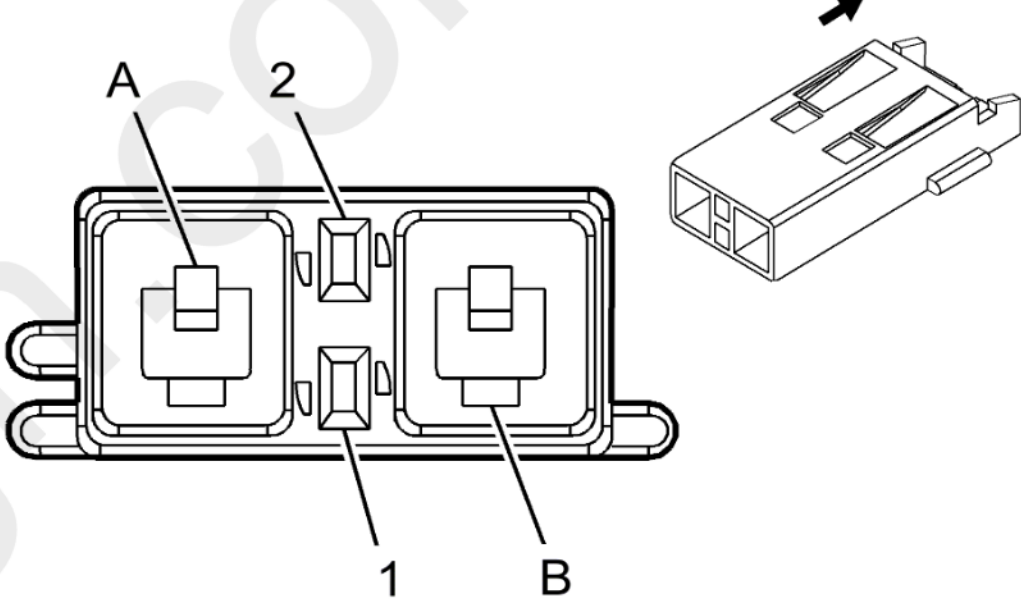
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
A	-	OG/RD	3974	I	-	High Voltage Battery 5 (+)	A	-	OG	3974	II	-
B	-	OG/BK	3973	I	-	High Voltage Battery 5 (-)	B	-	OG/BK	3973	II	-

X366 HIGH VOLTAGE BATTERY CABLE HARNESS TO HIGH VOLTAGE BATTERY CABLE HARNESS (HP9)



Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: 13593391
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.8, 2.8 Metri-Pack Series, Sealed (BU)



Connector Part Information

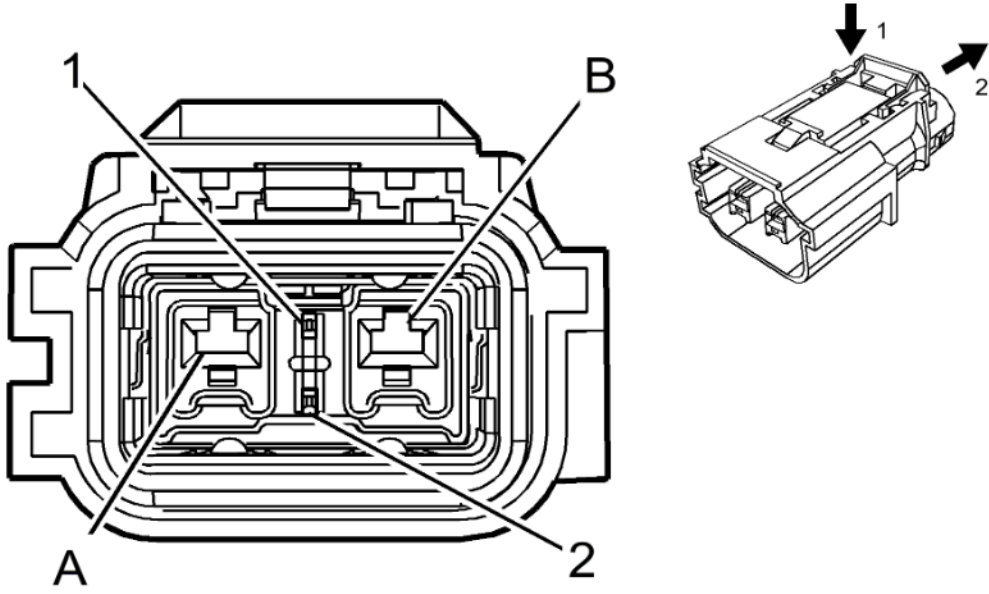
- Harness Type: High Voltage Battery Cable
- OEM Connector: 13589311
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5 CTS, 2.8 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
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 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
A	-	OG/RD	3970	I	-	High Voltage Battery 4 (+)	A	-	OG	3970	II	-
B	-	OG/BK	3969	I	-	High Voltage Battery 4 (-)	B	-	OG/BK	3969	II	-

X367 BATTERY CONTACTOR ASSEMBLY HARNESS TO HIGH VOLTAGE BATTERY CABLE HARNESS (HP9)



Connector Part Information

- Harness Type: Battery Contactor Assembly Harness
- OEM Connector: 13593393
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.8, 2.8 Metri-Pack Series, Sealed (NA)

Connector Part Information

- Harness Type: High Voltage Battery Cable
- OEM Connector: 13589309
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
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 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
A	-	OG/RD	3834	I	-	High Voltage Battery 2 (+)	A	-	GN/OG	3834	II	-
B	-	OG/BK	3833	I	-	High Voltage Battery 2 (-)	B	-	OG/BK	3833	II	-

X371 LEFT REAR SEAT HARNESS TO LEFT REAR SEAT CUSHION HARNESS (AQ9)

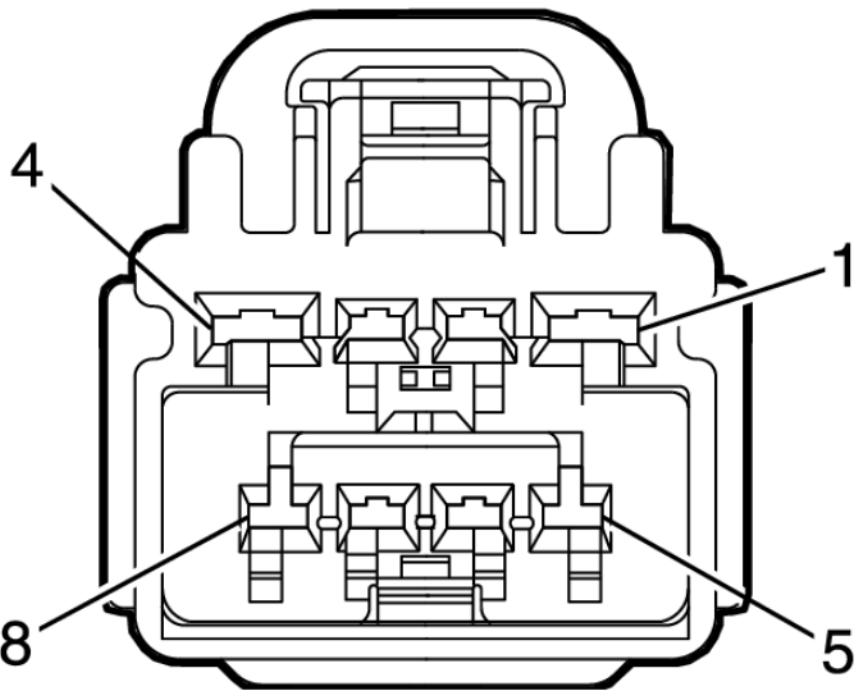


Diagram showing the internal wiring of the Left Rear Seat connector. It features a top row of four terminals (labeled 1, 4, 5, 8) and a bottom row of four terminals (labeled 1, 4, 5, 8). A 3D perspective view of the connector is shown to the right, with a downward arrow indicating the direction of view.

Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 19167676
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5, 2.8 Kaizen Series (L-GY)

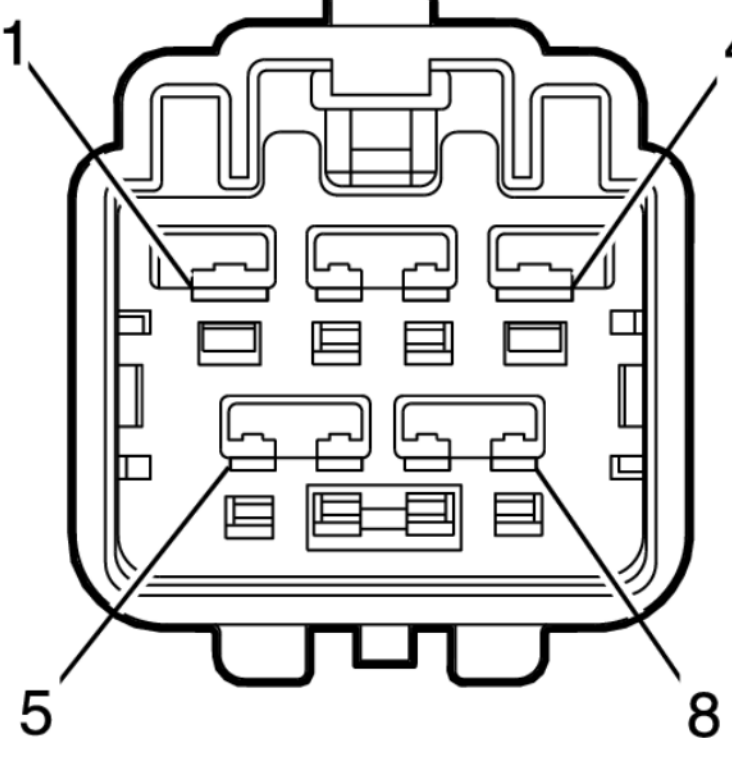


Diagram showing the internal wiring of the Left Rear Seat Cushion connector. It features a top row of four terminals (labeled 1, 4, 5, 8) and a bottom row of four terminals (labeled 1, 4, 5, 8). A 3D perspective view of the connector is shown to the right, with an upward arrow indicating the direction of view.

Connector Part Information

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

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GY	2294	I	-	Left Rear Heated Seat Cushion Element Control	1	0.75	GY	2294	II	-
2	0.75	BN/BK	2295	I	-	Left Rear Heated Seat Cushion Element Low Reference	2	0.75	BN/BK	2295	II	-
3	0.35	WH/BU	7047	I	-	Left Rear Cushion NTC Signal	3	0.35	WH/BU	7047	II	-
4	0.35	BU/WH	7048	I	-	Left Rear Cushion NTC Low Reference	4	0.35	BU/WH	7048	II	-
5	0.35	GN	3308	I	-	Left Rear Seat Back Climate Control Fan Speed Control	5	0.35	GN	3308	II	-
6	0.5	BK	2350	I	-	Ground	6	0.5	BK	2350	II	-
7	0.5	VT/BK	739	I	-	Run/Crank Ignition 1 Voltage	7	0.5	VT/BK	739	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X372 RIGHT REAR SEAT HARNESS TO RIGHT REAR SEAT CUSHION HARNESS (AQ9)

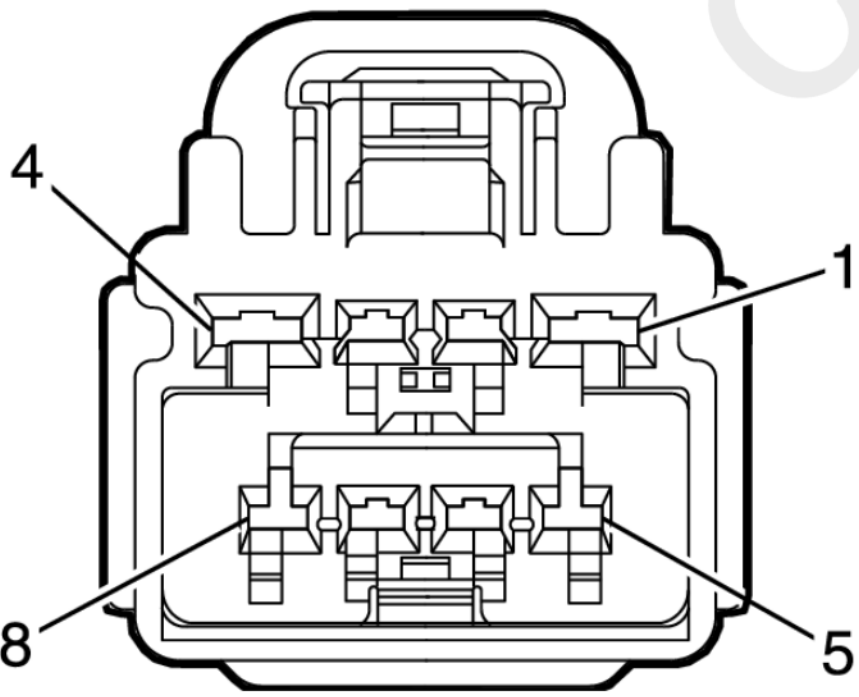


Diagram showing the internal wiring of the Right Rear Seat connector. It features a top row of four terminals (labeled 1, 4, 5, 8) and a bottom row of four terminals (labeled 1, 4, 5, 8). A 3D perspective view of the connector is shown to the right, with a downward arrow indicating the direction of view.

Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 19167676
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5, 2.8 Kaizen Series (L-GY)

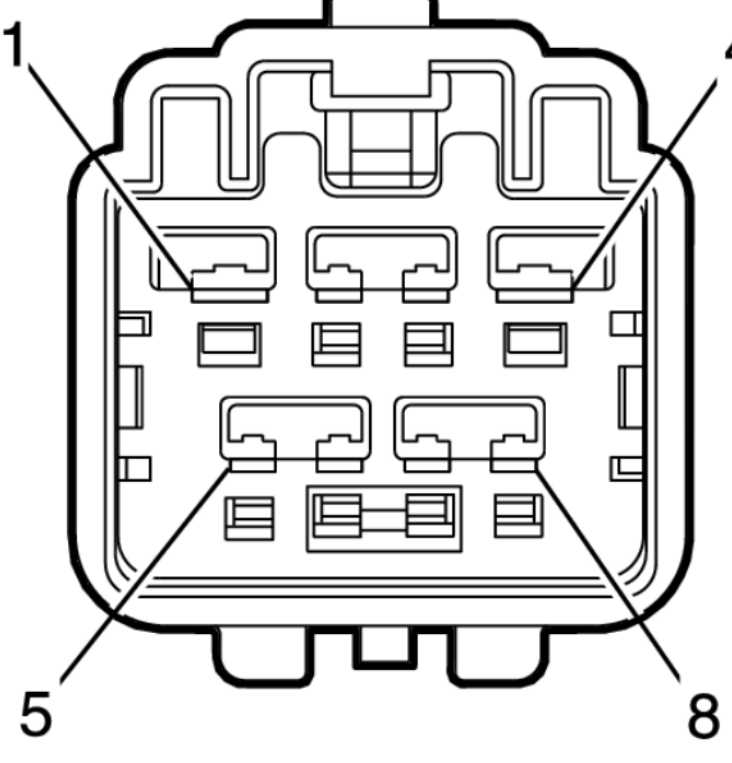


Diagram showing the internal wiring of the Right Rear Seat Cushion connector. It features a top row of four terminals (labeled 1, 4, 5, 8) and a bottom row of four terminals (labeled 1, 4, 5, 8). A 3D perspective view of the connector is shown to the right, with an upward arrow indicating the direction of view.

Connector Part Information

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

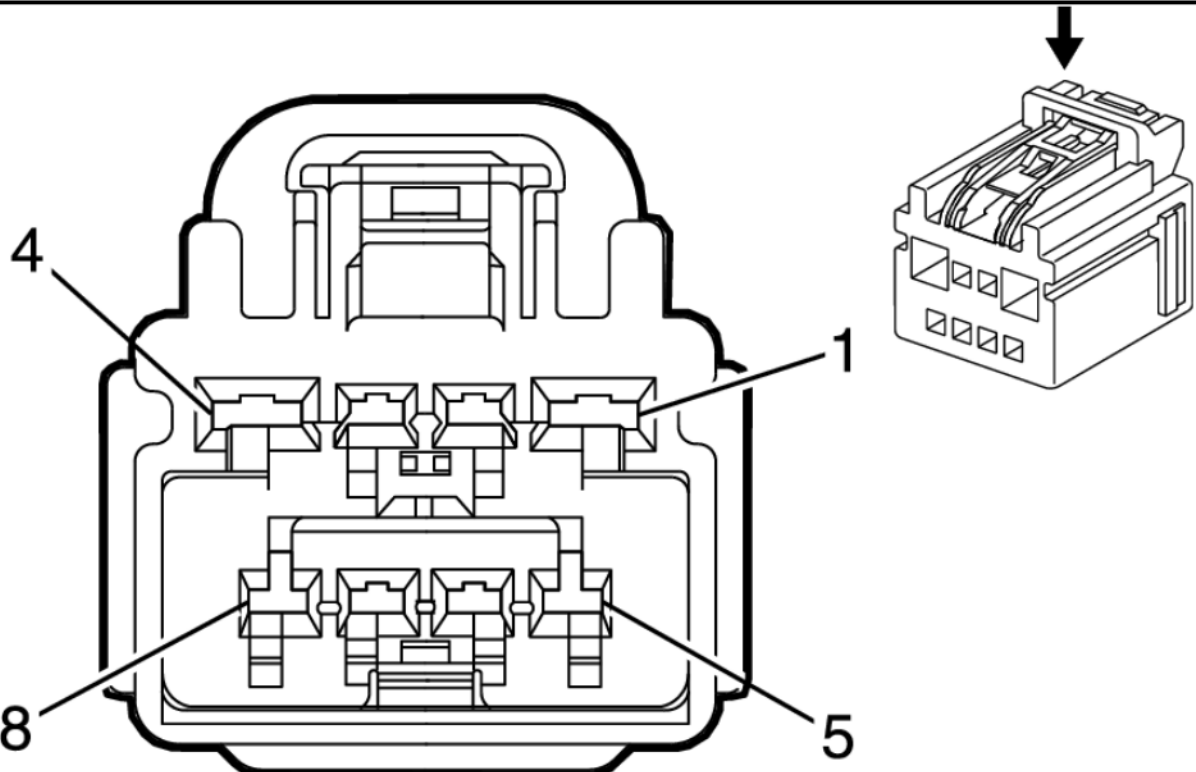
Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GN/BN	2296	I	-	Right Rear Heated Seat Cushion Element Control	1	0.75	GN/BN	2296	II	-
2	0.75	GN/BK	2297	I	-	Right Rear Heated Seat Cushion Element Low Reference	2	0.75	GN/BK	2297	II	-

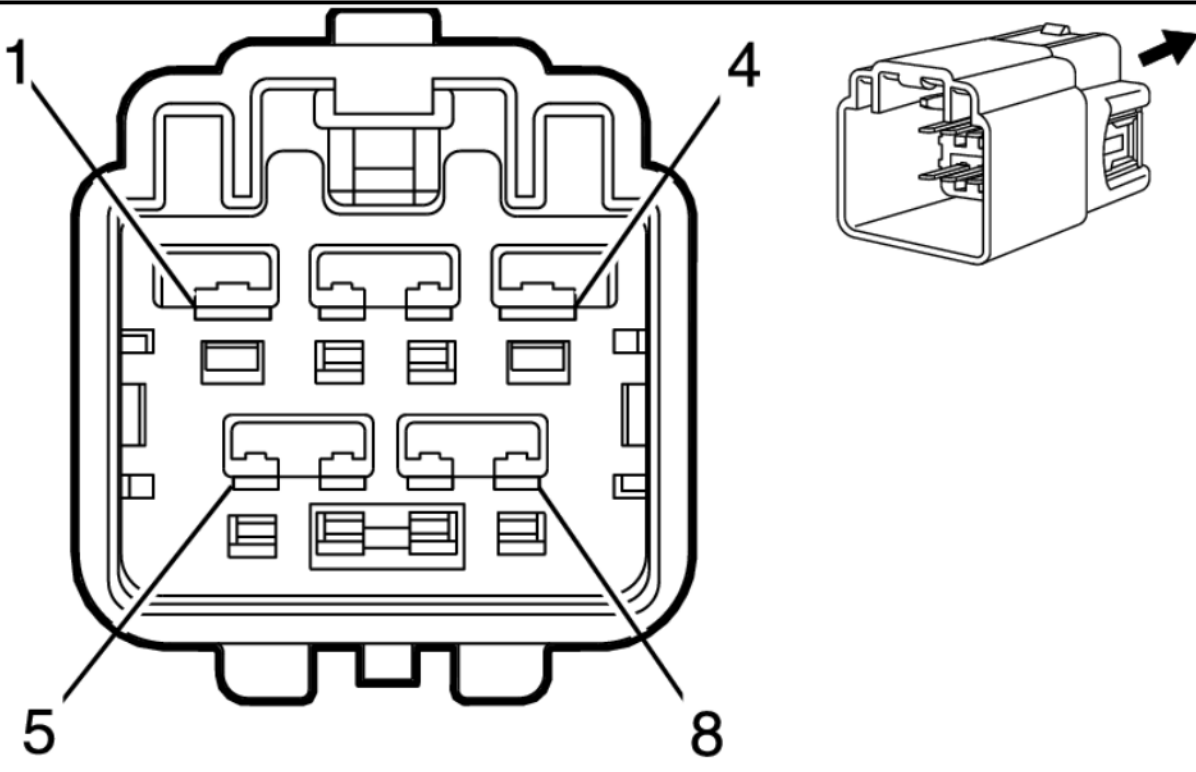
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	0.35	YE/WH	7053	I	-	Right Rear Cushion NTC Signal	3	0.35	YE/WH	7053	II	-
4	0.35	WH/BK	7054	I	-	Right Rear Cushion NTC Low Reference	4	0.35	WH/BK	7054	II	-
5	0.35	GN/GY	3321	I	-	Right Rear Seat Back Climate Control Fan Speed Control	5	0.35	GN/GY	3321	II	-
6	0.5	BK	2450	I	-	Ground	6	0.5	BK	2450	II	-
7	0.5	VT/BK	739	I	-	Run/Crank Ignition 1 Voltage	7	0.5	VT/BK	739	II	-
8	-	-	-	-	-	Not Occupied	8	-	-	-	-	-

X375 LEFT REAR SEAT HARNESS TO REAR SEAT CUSHION HARNESS (-AQ9)



Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 19167676
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 1.5, 2.8 Kaizen Series (L-GY)



Connector Part Information

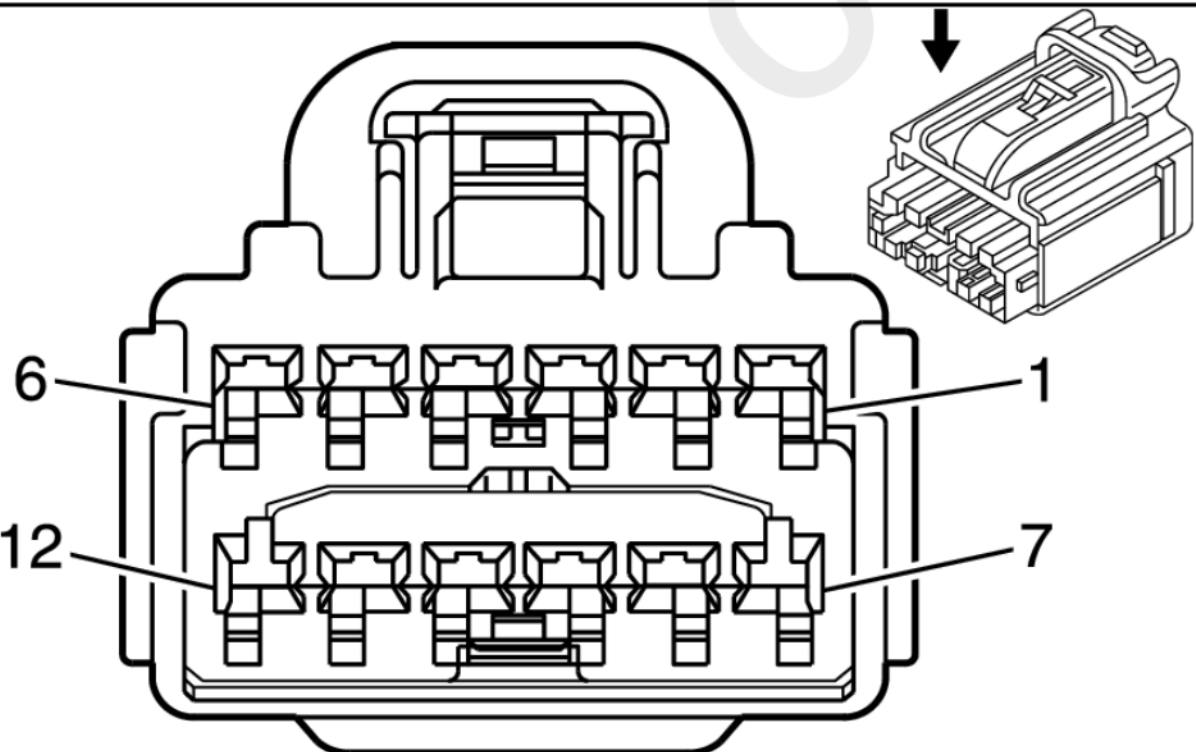
- Harness Type: Rear Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way M

Terminal Part Information

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

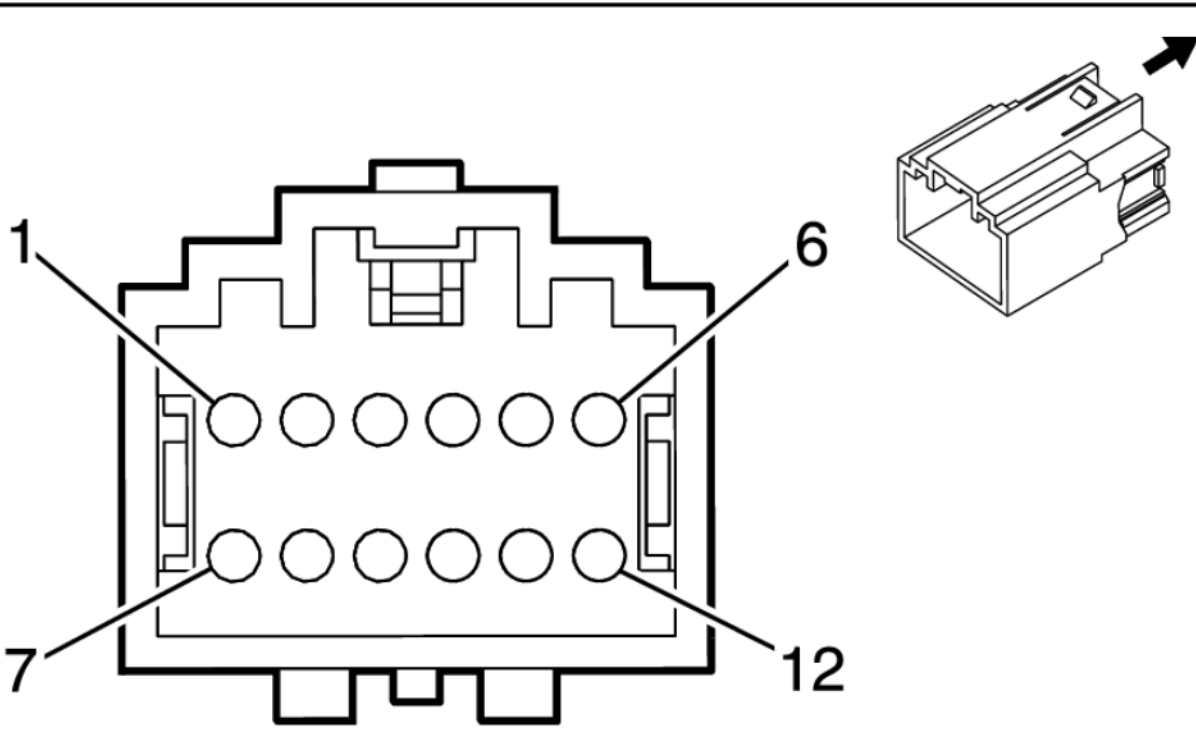
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GY	2294	I	-	Left Rear Heated Seat Cushion Element Control	1	0.75	GY	2294	II	-
2	0.75	BN/BK	2295	I	-	Left Rear Heated Seat Cushion Element Low Reference	2	0.75	BN/BK	2295	II	-
3	0.35	WH/BU	7047	I	-	Left Rear Cushion NTC Signal	3	0.35	WH/BU	7047	II	-
4	0.35	BU/WH	7048	I	-	Left Rear Cushion NTC Low Reference	4	0.35	BU/WH	7048	II	-
5	0.75	GN/BN	2296	I	-	Right Rear Heated Seat Cushion Element Control	5	0.75	GN/BN	2296	II	-
6	0.75	GN/BK	2297	I	-	Right Rear Heated Seat Cushion Element Low Reference	6	0.75	GN/BK	2297	II	-
7	0.35	YE/WH	7053	I	-	Right Rear Cushion NTC Signal	7	0.35	YE/WH	7053	II	-
8	0.35	WH/BK	7054	I	-	Right Rear Cushion NTC Low Reference	8	0.35	WH/BK	7054	II	-

X376 REAR SEAT ARMREST HARNESS TO BODY HARNESS (AQ9)



Connector Part Information

- Harness Type: Rear Seat Armrest
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F



Connector Part Information

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

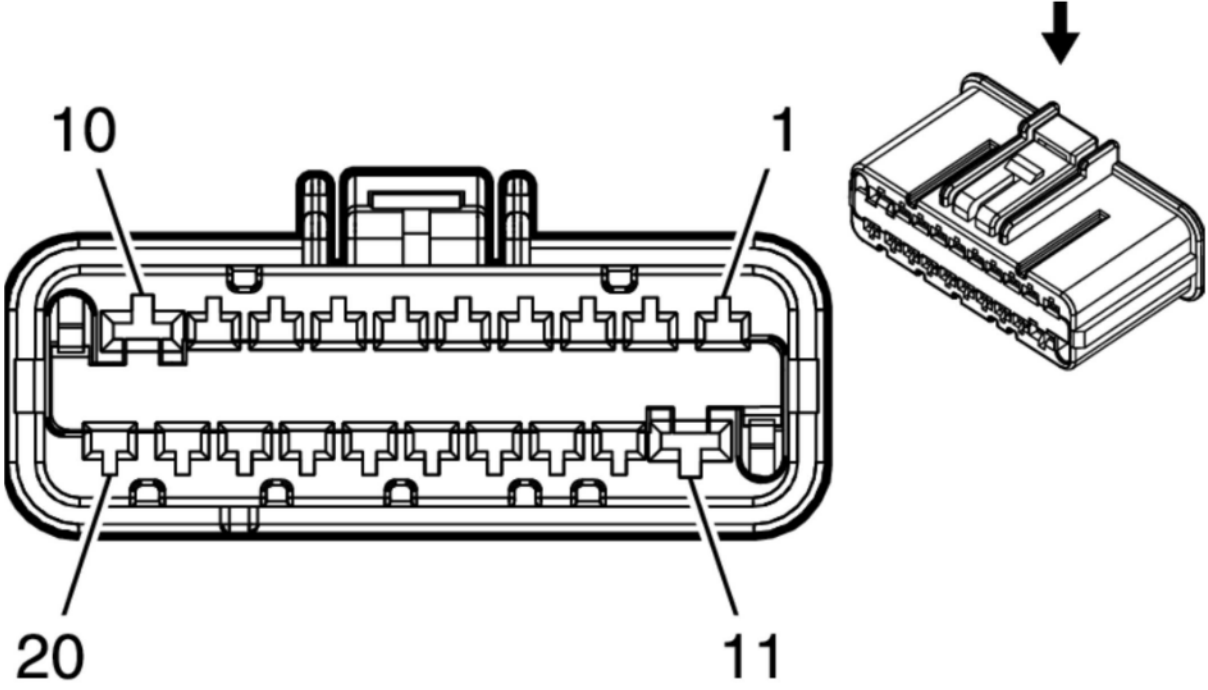
Terminal Part Information

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	0.5	BK	2350	I	-	Ground	1	0.5	BK	2350	II	-
2	0.5	RD/GY	1740	I	-	Battery Positive Voltage	2	0.5	RD/GY	1740	II	-
3	0.35	GN/VT	4114	I	-	Local Interconnect Network Serial Data Bus 14	3	0.35	GN/VT	4114	II	-

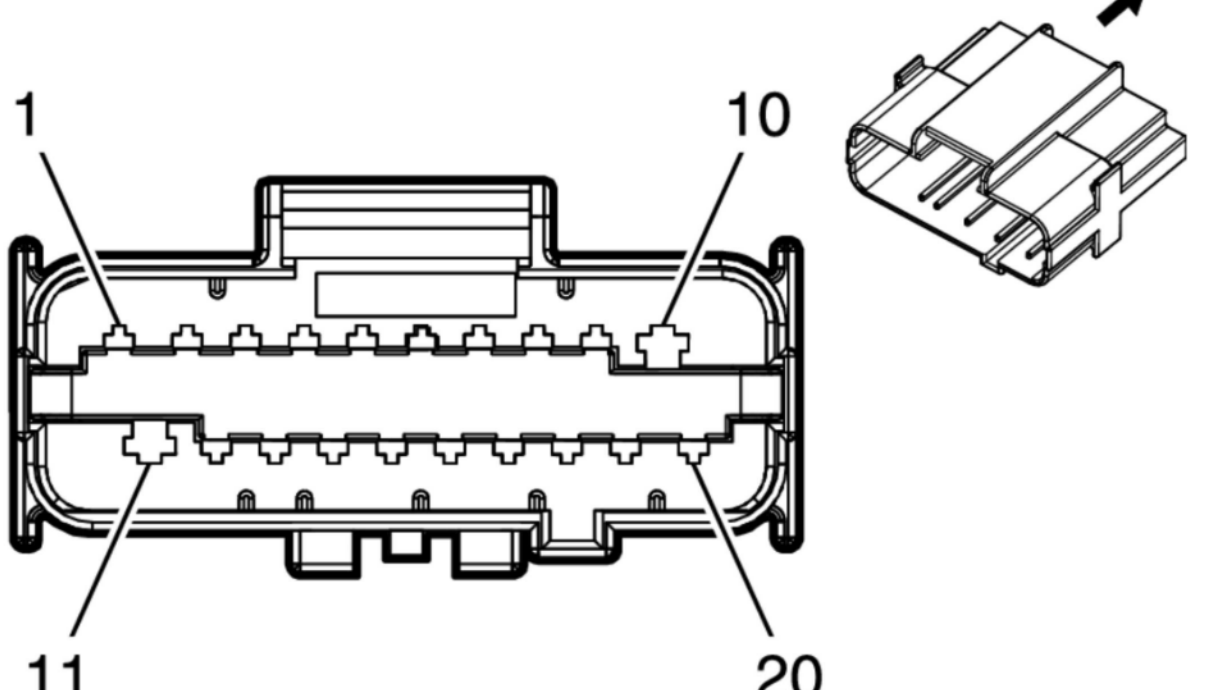
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4	0.35	YE	6817	I	-	LED Backlight Dimming Control	4	0.35	YE	6817	II	-
5	0.35	GN/BN	7529	I	-	Local Interconnect Network Serial Data Bus 7	5	0.35	GN/BN	7529	II	-
6	0.5	BK/WH	1851	I	-	Signal Ground	6	0.5	BK/WH	1851	II	-
7	0.35	YE	2059	I	-	Left Auxiliary Audio Signal 1	7	0.35	YE	2059	II	-
8	0.35	WH	2058	I	-	Right Auxiliary Audio Signal 1	8	0.35	WH	2058	II	-
9	0.35	BN	3374	I	-	Auxiliary Audio Common Signal 2	9	0.35	BN	3374	II	-
10	0.5	BARE	5345	I	-	Auxiliary Audio Low Reference 1	10	0.5	BARE	5345	II	-
11	0.5	RD/GY	2140	I	-	Battery Positive Voltage	11	0.5	RD/GY	2140	II	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-

X377 REAR SEAT HEATING CONTROL MODULE HARNESS TO BODY HARNESS (AQ9)



Connector Part Information

- Harness Type: Rear Seat Heating Control Module
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F



Connector Part Information

- Harness Type: Body
- OEM Connector: 13839501
- Service Connector: 13587963
- Description: 20-Way M 1.5, 2.8 Series (BK)

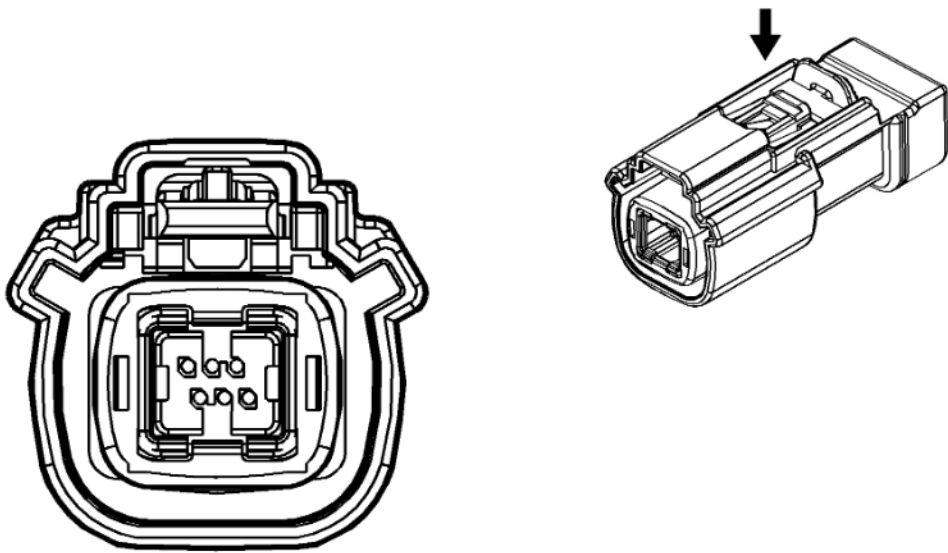
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575821	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	13575824	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
IV	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	0.75	RD/WH	4740	I	-	Battery Positive Voltage	1	0.75	RD/WH	4740	IV	-
2	0.75	VT/WH	1539	I	-	Run/Crank Ignition 1 Voltage	2	0.75	VT/WH	1539	IV	-
3	0.75	GY	2294	I	-	Left Rear Heated Seat Cushion Element Control	3	0.75	GY	2294	IV	-
4	0.75	BU/BN	2445	I	-	Left Rear Heated Seat Element Control	4	0.75	BU/BN	2445	IV	-
5	0.75	BN/BK	2295	I	-	Left Rear Heated Seat Cushion Element Low Reference	5	0.75	BN/BK	2295	IV	-
6	0.35	WH/BU	7047	I	-	Left Rear Cushion NTC Signal	6	0.35	WH/BU	7047	IV	-
7	0.35	GN/YE	7045	I	-	Left Rear Seat Back NTC Signal	7	0.35	GN/YE	7045	IV	-
8	0.35	BU/WH	7048	I	-	Left Rear Cushion NTC Low Reference	8	0.35	BU/WH	7048	IV	-
9	0.35	BU	7686	I	-	Left Rear Vent Motor Control	9	0.35	BU	7686	IV	-
10	0.35	GN	7685	I	-	Right Rear Vent Motor Control	10	0.35	GN	7685	II	-
11	1.5	BK	2350	I	-	Ground	11	1.5	BK	2350	III	-
12	0.75	GN/BK	2297	I	-	Right Rear Heated Seat Cushion Element Low Reference	12	0.75	GN/BK	2297	IV	-
13	0.75	GN/BN	2296	I	-	Right Rear Heated Seat Cushion Element Control	13	0.75	GN/BN	2296	IV	-
14	0.35	YE/WH	7053	I	-	Right Rear Cushion NTC Signal	14	0.35	YE/WH	7053	IV	-
15	0.35	YE	7049	I	-	Right Rear Seat Back NTC Signal	15	0.35	YE	7049	IV	-
16	0.75	BU/VT	2455	I	-	Right Rear Heated Seat Element Control	16	0.75	BU/VT	2455	IV	-
17	0.35	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	17	0.35	GN/BU	6133	IV	-
18	0.35	WH/BK	7054	I	-	Right Rear Cushion NTC Low Reference	18	0.35	WH/BK	7054	IV	-
19 - 20	-	-	-	-	-	Not Occupied	19 - 20	-	-	-	-	-

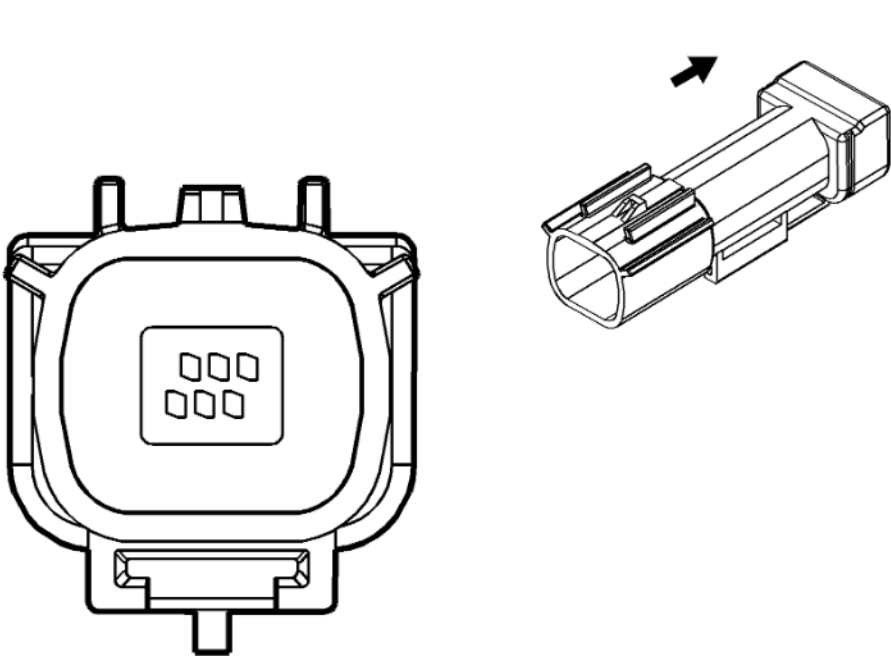
X381 BODY LVDS HARNESS TO DRIVER SEAT BACK LVDS HARNESS (UWG)

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Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way F (BK)



Connector Part Information

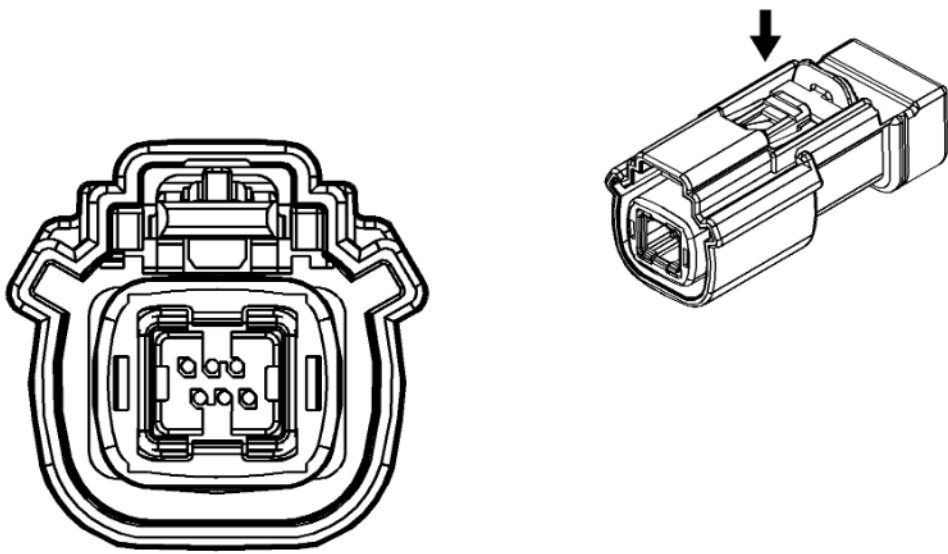
- Harness Type: LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way M (BK)

Terminal Part Information

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

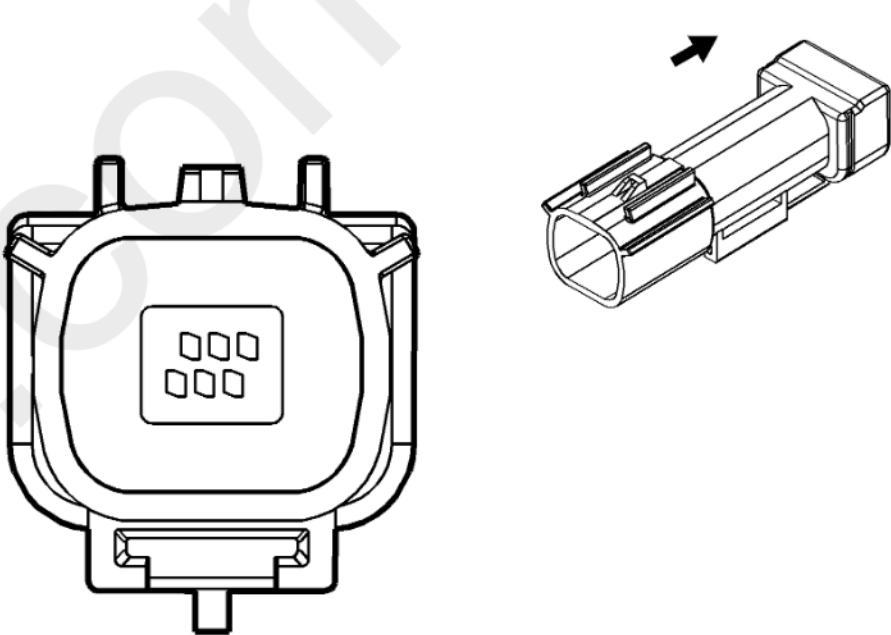
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	(Infotainment) Infotainment Display Signal	-	-	LVDS	-	I	-

X382 BODY LVDS HARNESS TO PASSENGER SEATBACK LVDS HARNESS (UWG)



Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way F (BK)



Connector Part Information

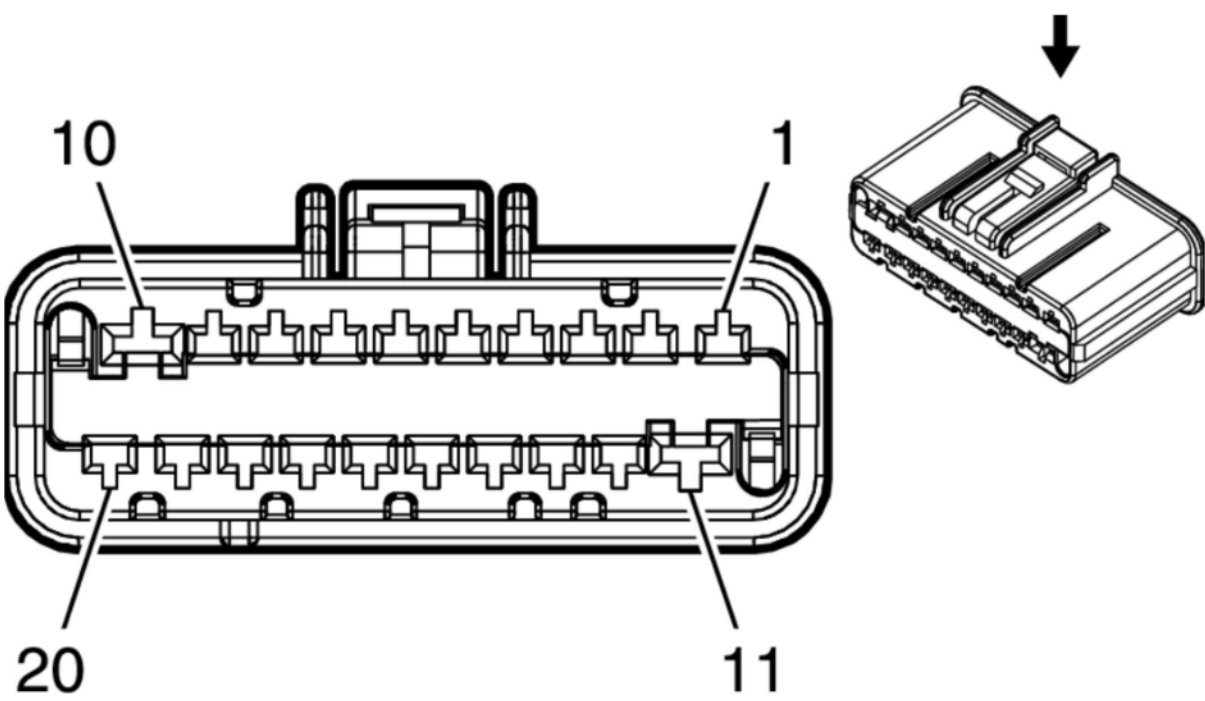
- Harness Type: Passenger Seatback LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way M (BK)

Terminal Part Information

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

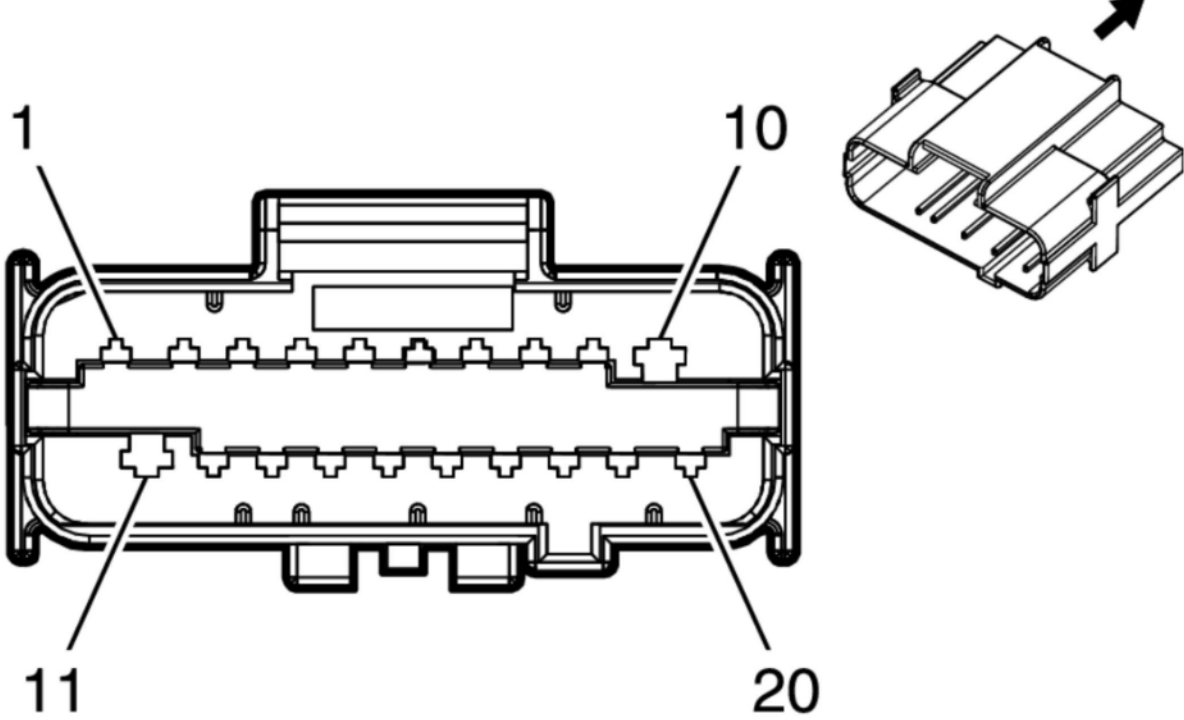
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	(Infotainment) Infotainment Display Signal	-	-	LVDS	-	I	-

X383 BODY HARNESS TO FLOOR CONSOLE HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13842686
- Service Connector: 13587962
- Description: 20-Way F 1.5, 2.8 Series (BK)



Connector Part Information

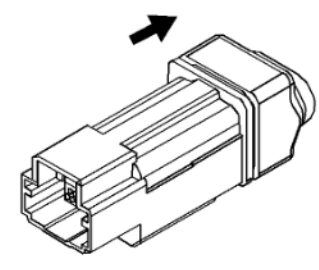
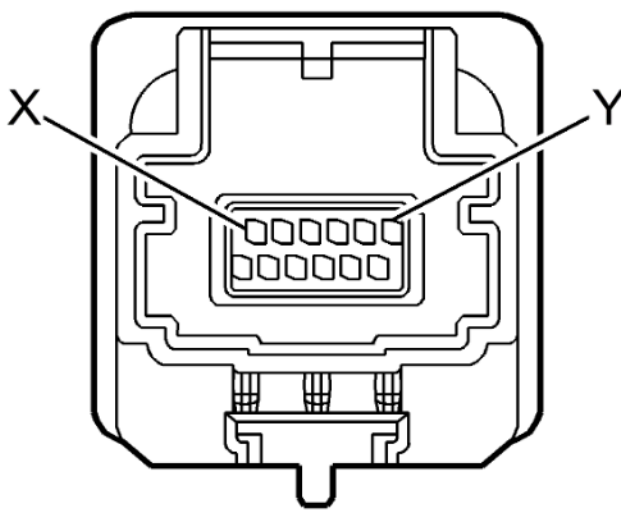
- Harness Type: Floor Console
- OEM Connector: 13839501
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way M 1.5, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19300432	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

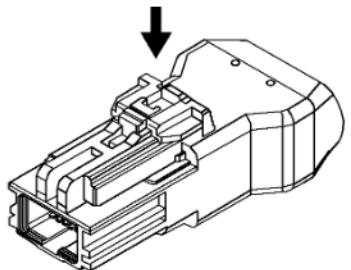
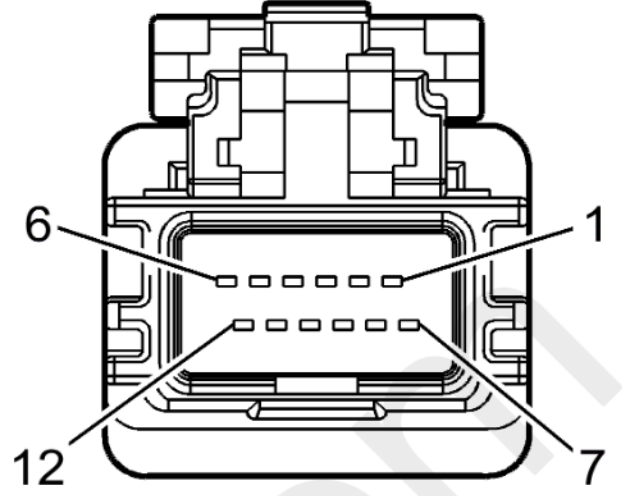
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 5	-	-	-	-	-	Not Occupied	1 - 5	-	-	-	-	-
6	1.5	BN/BU	5766	II	UQH	Console Center Speaker (-) Low Reference	6	0.75	BN/BU	5766	III	-
7	1.5	VT/GN	5756	II	UQH	Center Console Speaker Control (+)	7	0.75	VT/GN	5756	III	-
8	0.35	BN/BK	3552	I	-	Passive Start Interior Antenna 1 Signal Hi	8	0.35	BN/BK	3552	III	-
9	0.35	WH	3553	I	-	Passive Start Interior Antenna 1 Signal Lo	9	0.35	WH	3553	III	-
10 - 11	-	-	-	-	-	Not Occupied	10 - 11	-	-	-	-	-
12	0.35	BU	3554	I	-	Passive Start Interior Antenna 2 Signal Hi	12	0.35	BU	3554	III	-
13	0.35	GY/BK	3555	I	-	Passive Start Interior Antenna 2 Signal Lo	13	0.35	GY/BK	3555	III	-
14	0.35	WH/VT	3999	I	-	MOST Control	14	0.35	WH/VT	3999	III	-
15	-	-	-	-	-	Not Occupied	15	-	-	-	-	-
16	0.5	BN/VT	9573	I	C24	-	16	0.5	BN/VT	9573	III	C24
17	0.35	YE	6817	I	-	LED Backlight Dimming Control	17	0.35	YE	6817	III	-
18	0.35	GY/VT	3998	I	-	MOST Serial Data (+)	18	0.35	GY/VT	3998	III	-
19	0.35	WH/GN	3997	I	-	MOST Serial Data (-)	19	0.35	WH/GN	3997	III	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-

X385 BODY LVDS HARNESS TO REAR SEAT ARMREST LVDS HARNESS (UWG)



Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: 13581657
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way F 2.0 HSAL-2 Series (BK)



Connector Part Information

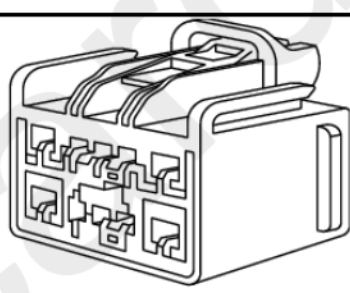
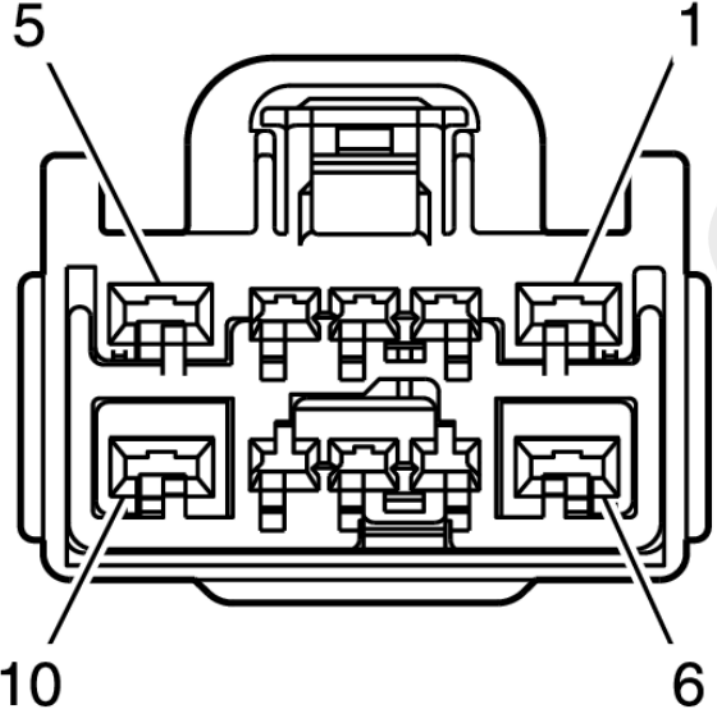
- Harness Type: Rear Seat Armrest LVDS
- OEM Connector: 13581658
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (BK)

Terminal Part Information

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

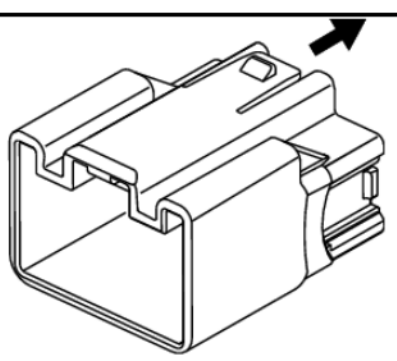
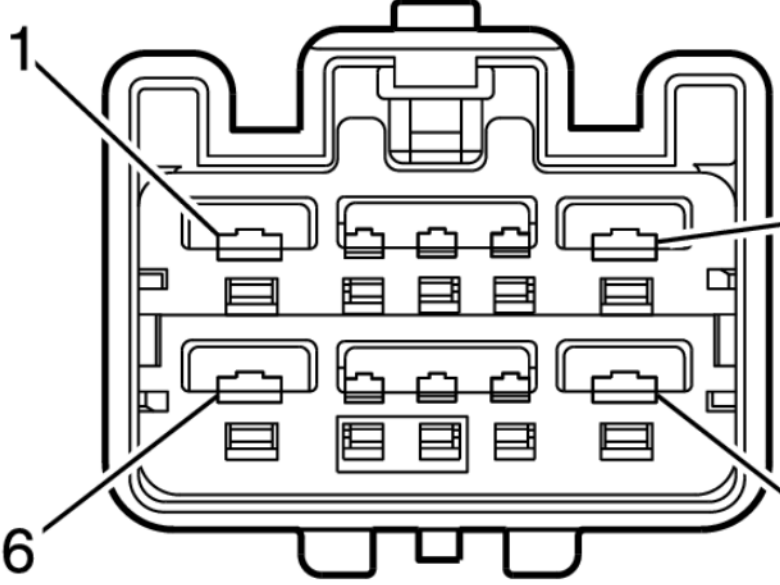
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	Auxiliary Video Signal	-	-	LVDS	-	I	-

X387 PASSENGER SEAT CUSHION HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Passenger Seat Cushion
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F



Connector Part Information

- Harness Type: Body
- OEM Connector: 13506926
- Service Connector: 89047070
- Description: 10-Way M YESC Kaizen Series (L-GY)

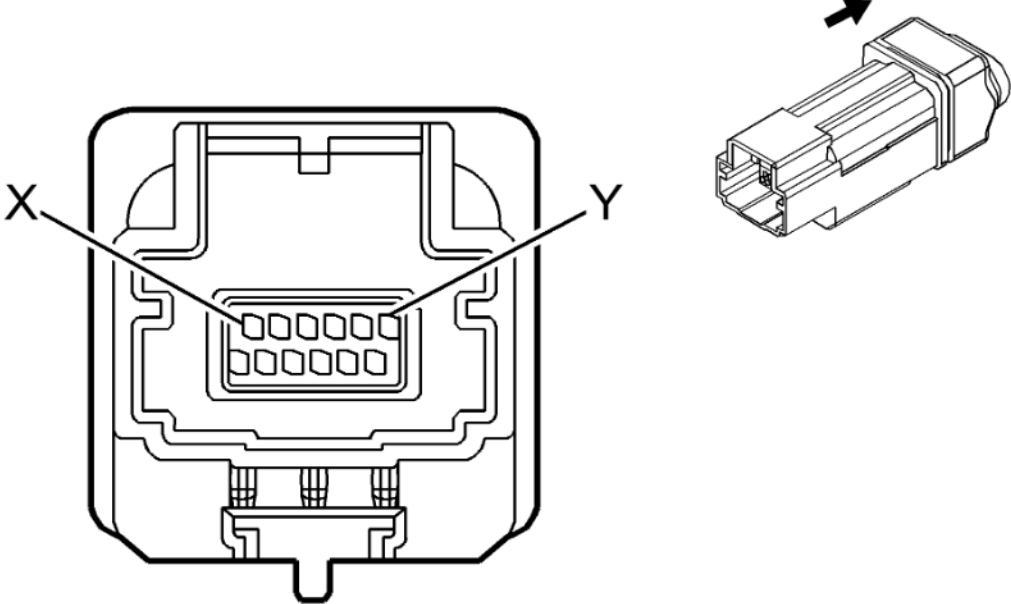
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	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
III	13575823	J-35616-5 (PU)	J-38125-11A	7114-4111-02	Yazaki 9	C	A
IV	13575823	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
V	13575824	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	VT	2101	I	-	Retained Accessory Power Fuse Ignition Retained Accessory Power Fuse Ignition	1	1	VT	2101	III	-
1	1	VT	2101	I	-	Retained Accessory Power Fuse Ignition Retained Accessory Power Fuse Ignition	1	1	VT	2101	III	-
2	-	-	-	-	-	Retained Accessory Power Fuse Ignition	2	0.35	VT	2801	II	-

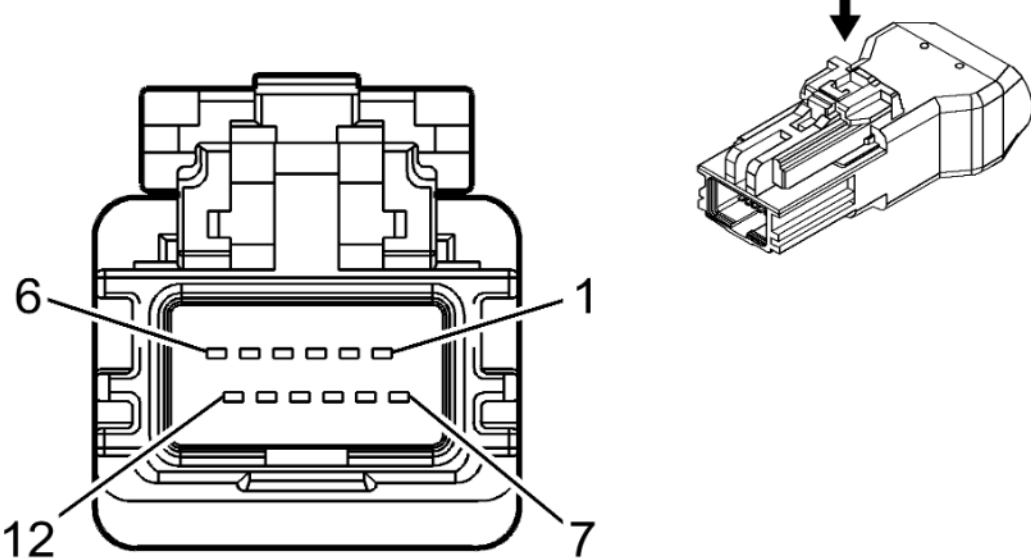
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	-	-	-	-	-	Retained Accessory Power Ignition	4	0.35	VT	1701	II	KI6/KI7
5	0.75	BK	5683	I	KI6/KI7	120 V AC Phase A 120 V AC Phase A	5	0.75	BK	5683	IV	KI6/KI7
5	0.75	BK	5683	I	KI6/KI7	120 V AC Phase A 120 V AC Phase A	5	0.75	BK	5683	IV	KI6/KI7
6	1.5	BK	2350	I	-	Ground	6	1.5	BK	2350	V	-
7	0.35	YE	6817	I	-	LED Backlight Dimming Control	7	0.35	YE	6817	II	-
8	0.35	BU/WH	6807	I	KI6/KI7	DC To AC Inverter Control	8	0.35	BU/WH	6807	II	KI6/KI7
9	-	-	-	-	-	Low Reference	9	0.5	BARE	514	II	KI6/KI7
10	0.75	RD	5684	I	KI6/KI7	120 V AC Phase B	10	0.75	RD	5684	IV	KI6/KI7

X389 BODY LVDS HARNESS TO FLOOR CONSOLE HARNESS LVDS (UWG)



Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: 13581657
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way F 2.0 HSAL-2 Series (BK)



Connector Part Information

- Harness Type: Floor Console LVDS
- OEM Connector: 13581658
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (BK)

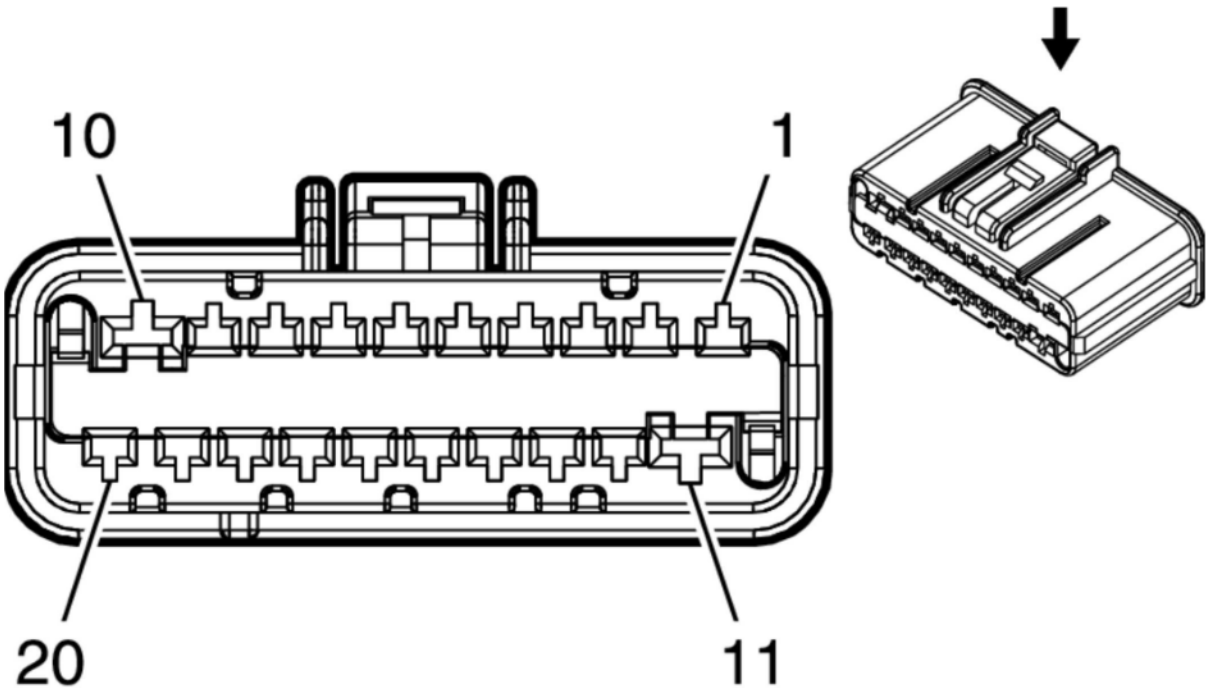
Terminal Part Information

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

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

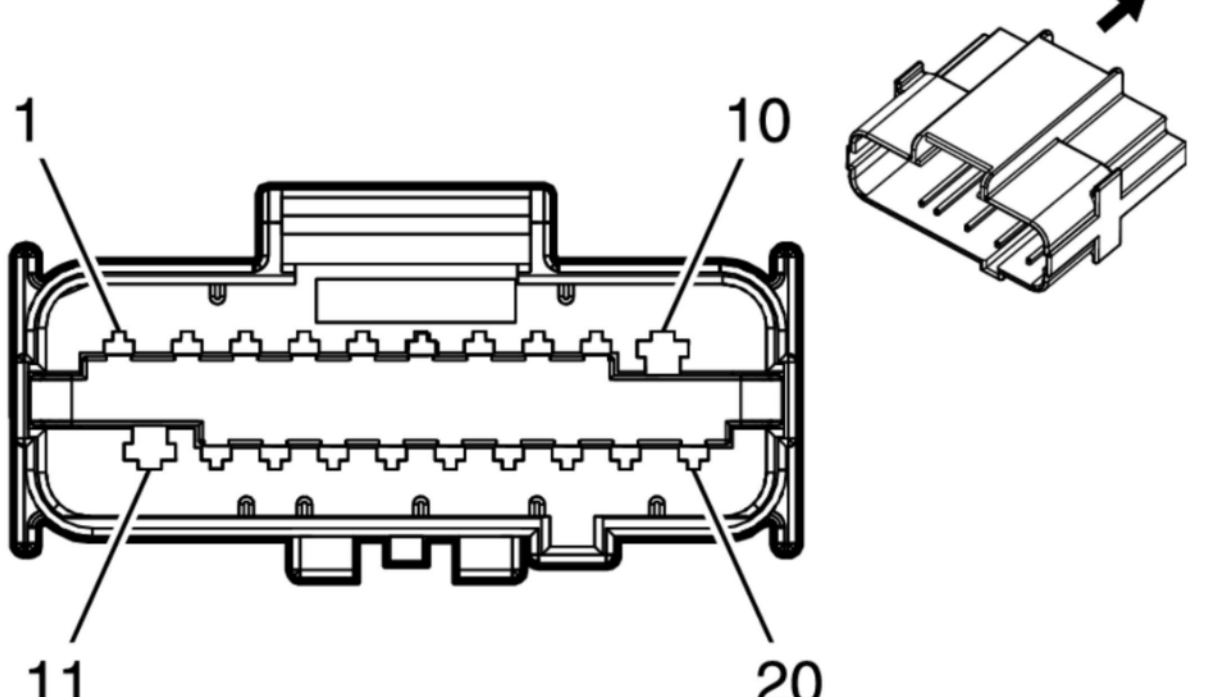
INLINE HARNESS CONNECTOR END VIEWS

X400 HEADLINER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13842686
- Service Connector: 13587962
- Description: 20-Way F 1.5, 2.8 Series (BK)



Connector Part Information

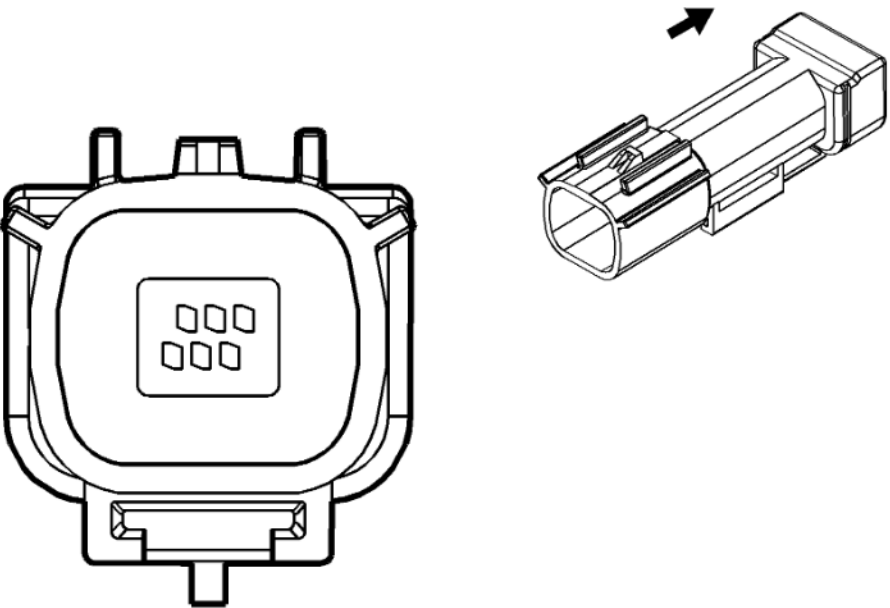
- Harness Type: Body
- OEM Connector: 13839501
- Service Connector: 13587963
- Description: 20-Way M 1.5, 2.8 Series (BK)

Terminal Part Information

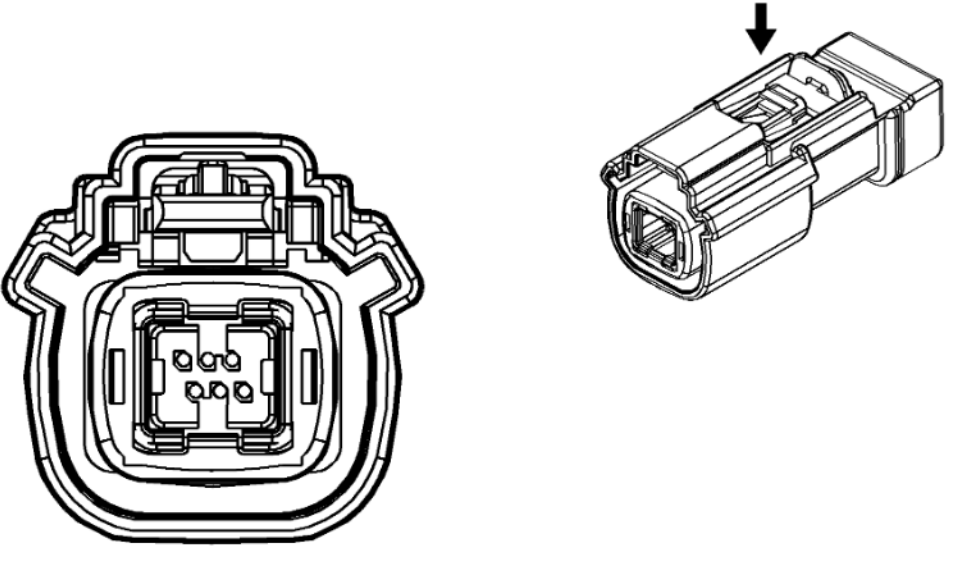
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13578893	J-35616-4A (PU)	J-38125-11A	7116-4110-02	Yazaki 9	E	C
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	13575823	J-35616-5 (PU)	J-38125-11A	7114-4110-02	Yazaki 9	E	C
IV	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
V	19300638	J-35616-41 (BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.35	BU/GY	4672	II	-	Dome Lamp Off Indicator Control	2	0.13	BU	4672	V	-
3	0.35	RD/BU	4540	II	UG1/UTU/UTV	Battery Positive Voltage	3	0.35	RD/BU	4540	IV	UG1/UTU/UTV
4	0.35	GY	156	II	-	Courtesy Lamp Switch Signal	4	0.13	GY	156	V	-
5	0.35	VT/GY	5310	II	-	Rear Sunshade Switch Express Signal	5	0.35	VT/GY	5310	IV	-
6	0.35	GN/BK	3008	II	-	Noise Reduction Microphone 1 Low Reference	6	0.35	GN/BK	3008	IV	-
7	0.35	GN/BN	3005	II	-	Noise Reduction Microphone 1 Signal	7	0.35	GN/BN	3005	IV	-
8	0.35	GY/BN	3010	II	-	Noise Reduction Microphone 3 Low Reference	8	0.35	GY/BN	3010	IV	-
9	0.35	GY/BU	3007	II	-	Noise Reduction Microphone 3 Signal	9	0.35	GY/BU	3007	IV	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	0.35	YE/GN	5308	I	C3U	Rear Sunshade Switch Open Signal	11	0.35	YE/GN	5308	III	C3U
12	0.35	GN/BN	6132	II	UTU/UTV	Local Interconnect Network Serial Data Bus 1	12	0.35	GN/BN	6132	IV	UTU/UTV
13	0.5	GY	157	II	-	Interior Lamp Control	13	0.5	GY	157	IV	-
14	0.35	WH/GN	3031	II	C3U	Sunroof Vent Switch Signal	14	0.13	WH	3031	V	C3U
15	0.35	BU/GY	3032	II	C3U	Front Sunshade Switch Signal	15	0.35	BU/GY	3032	IV	C3U
16	0.35	BK	2450	II	-	Ground Ground	16	0.5	BK	2450	IV	-
17	0.35	BU/BK	3009	II	-	Noise Reduction Microphone 2 Low Reference	17	0.35	BU/BK	3009	IV	-
18	0.35	BU/YE	3006	II	-	Noise Reduction Microphone 2 Signal	18	0.35	BU/YE	3006	IV	-
19	0.35	BU/VT	5027	II	C3U	Sunroof Switch Data 1 Signal	19	0.13	BU	5027	V	C3U
20	0.35	BK/GY	128	II	C3U	Sunroof Switch Low Reference	20	0.13	BK	128	V	C3U

X401 BODY LVDS HARNESS TO REARVIEW CAMERA LVDS HARNESS (DRZ)



Connector Part Information



Connector Part Information

- Harness Type: Body LVDS
- OEM Connector: -
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way F

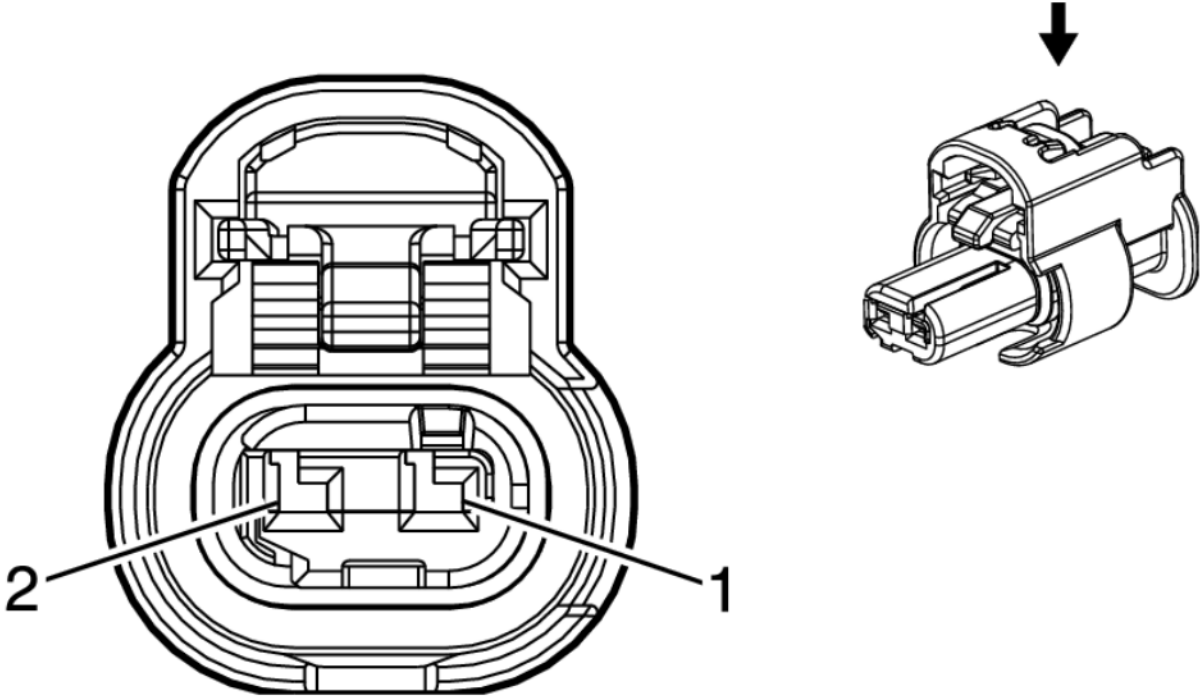
- Harness Type: LVDS
- OEM Connector: -
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way M

Terminal Part Information

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

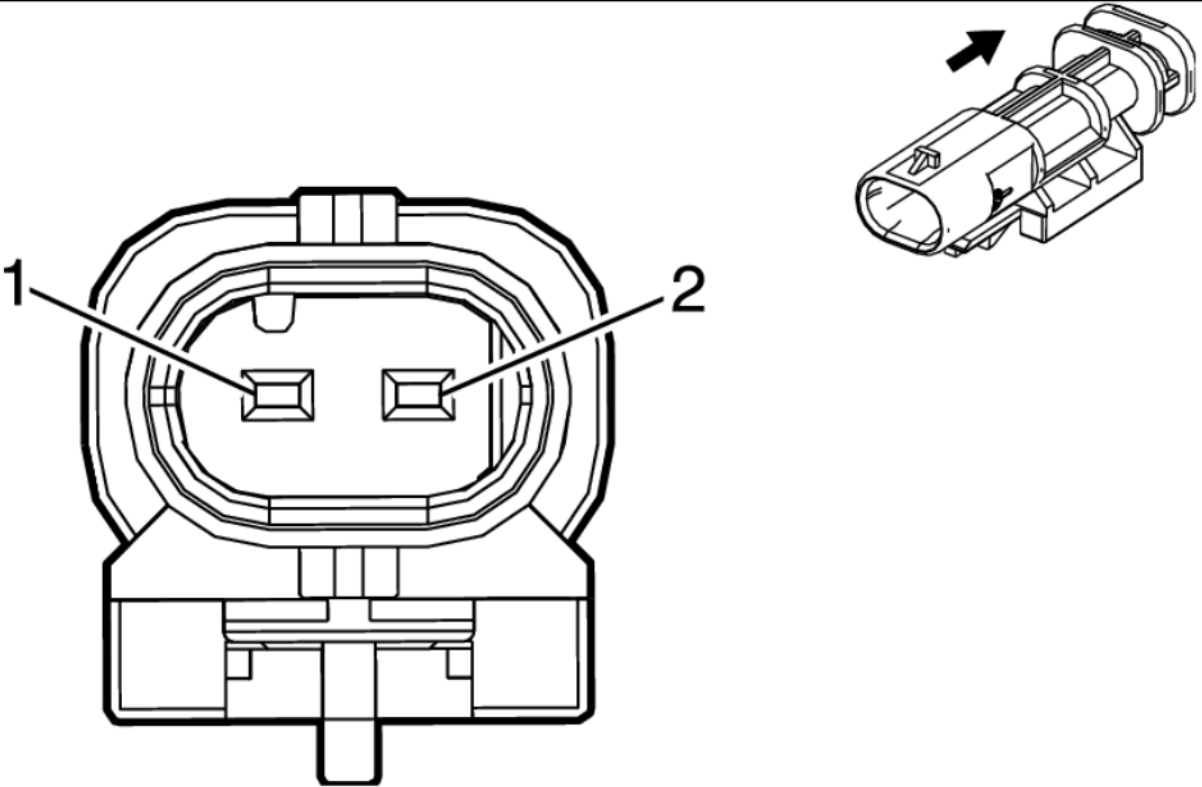
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	(Infotainment) Infotainment Display Signal	-	-	LVDS	-	I	-

X402 CHARGER JUMPER HARNESS TO BODY HARNESS (HP9)



Connector Part Information

- Harness Type: Charger Jumper
- OEM Connector: 33121579
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)



Connector Part Information

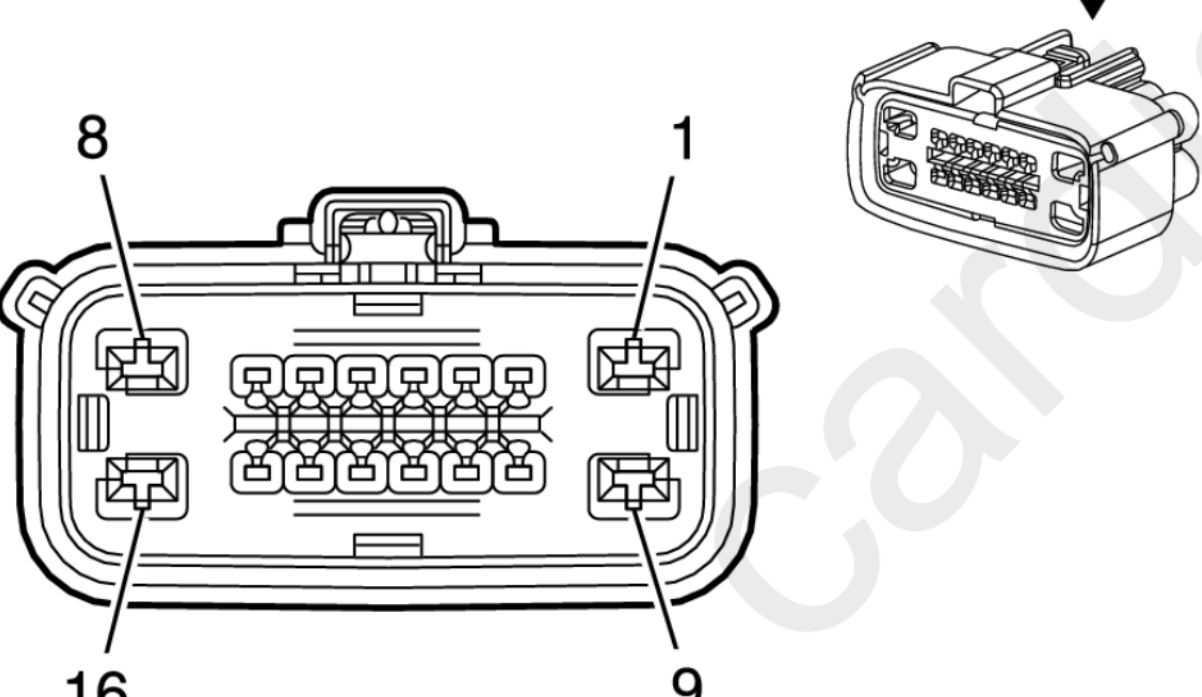
- Harness Type: Body
- OEM Connector: 33207247
- Service Connector: 19332631
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

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	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

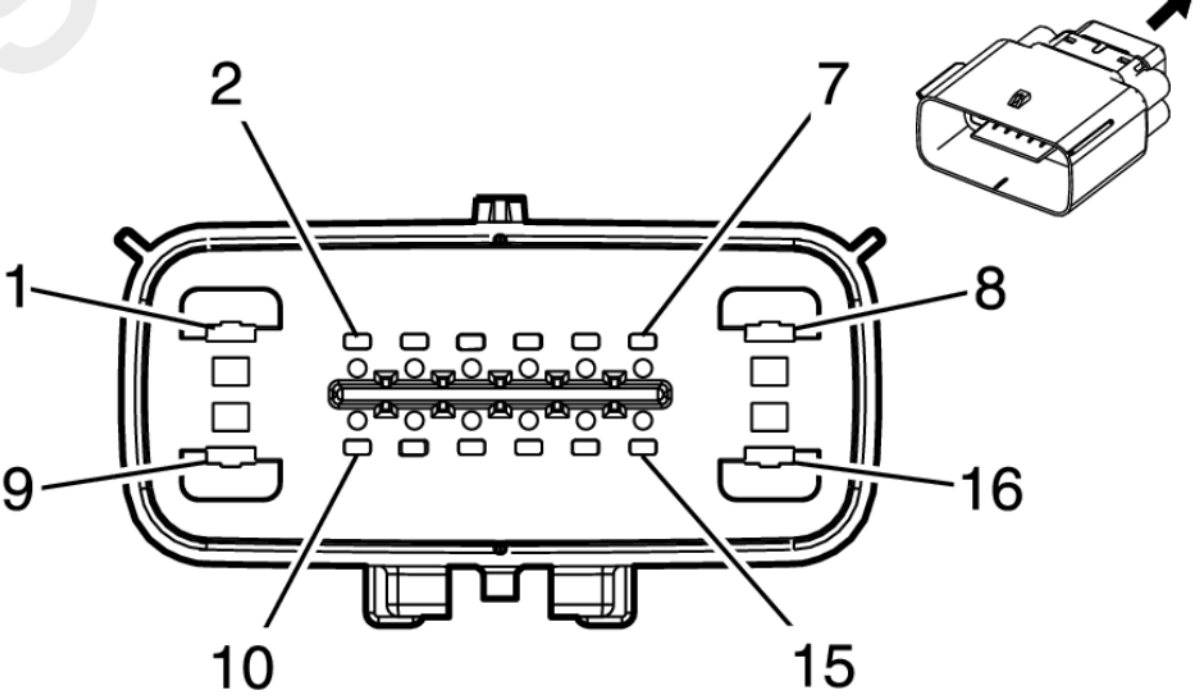
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BU/YE	3953	I	-	Proximity Status Signal 1	1	0.5	BU/YE	3953	II	-
2	0.5	GY/GN	3954	I	-	Control Pilot Signal 1	2	0.5	GY/GN	3954	II	-

X405 BODY HARNESS TO REAR AXLE HARNESS (HP9)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33218250
- Service Connector: 19352906
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M

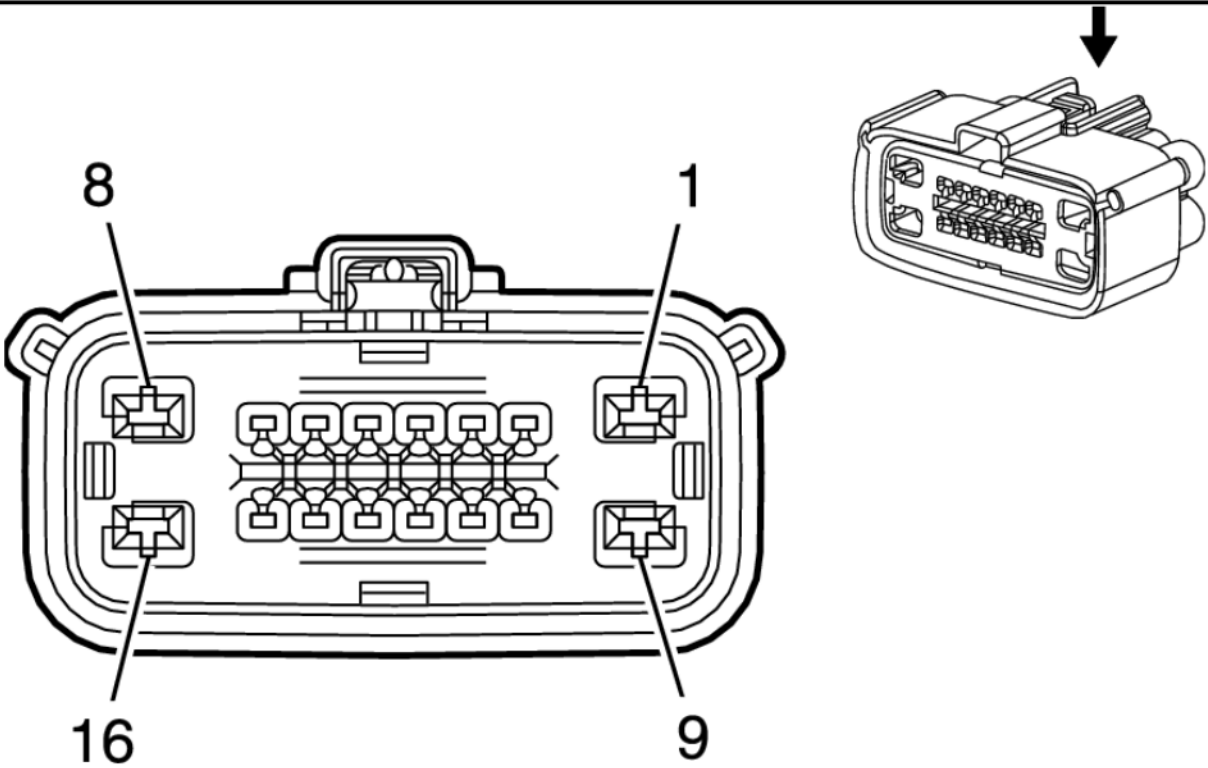
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	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
1	2.5	WH	2001	I	-	Park Brake Motor Apply Left Rear Control	1	2.5	WH	2001	III	-
2 - 4	-	-	-	-	-	Not Occupied	2 - 4	-	-	-	-	-
5	0.5	GN/WH	1210	II	F55/TR7	Left Rear Strut Position Sensor Signal	5	0.5	GN/WH	1210	III	F55/TR7
6	0.5	YE/RD	1208	II	F55/TR7	Left Rear Strut Position Sensor 5V Reference	6	0.5	YE/RD	1208	III	F55/TR7
7	0.5	BK/GN	1209	II	F55/TR7	Left Rear Strut Position Sensor Low Reference	7	0.5	BK/GN	1209	III	F55/TR7
8	2.5	GN/VT	1988	I	-	Park Brake Motor Apply Right Rear Control	8	2.5	GN/VT	1988	III	-
9	2.5	GY/BK	4369	I	-	Park Brake Motor Low Reference Left Rear	9	2.5	GY/BK	4369	III	-

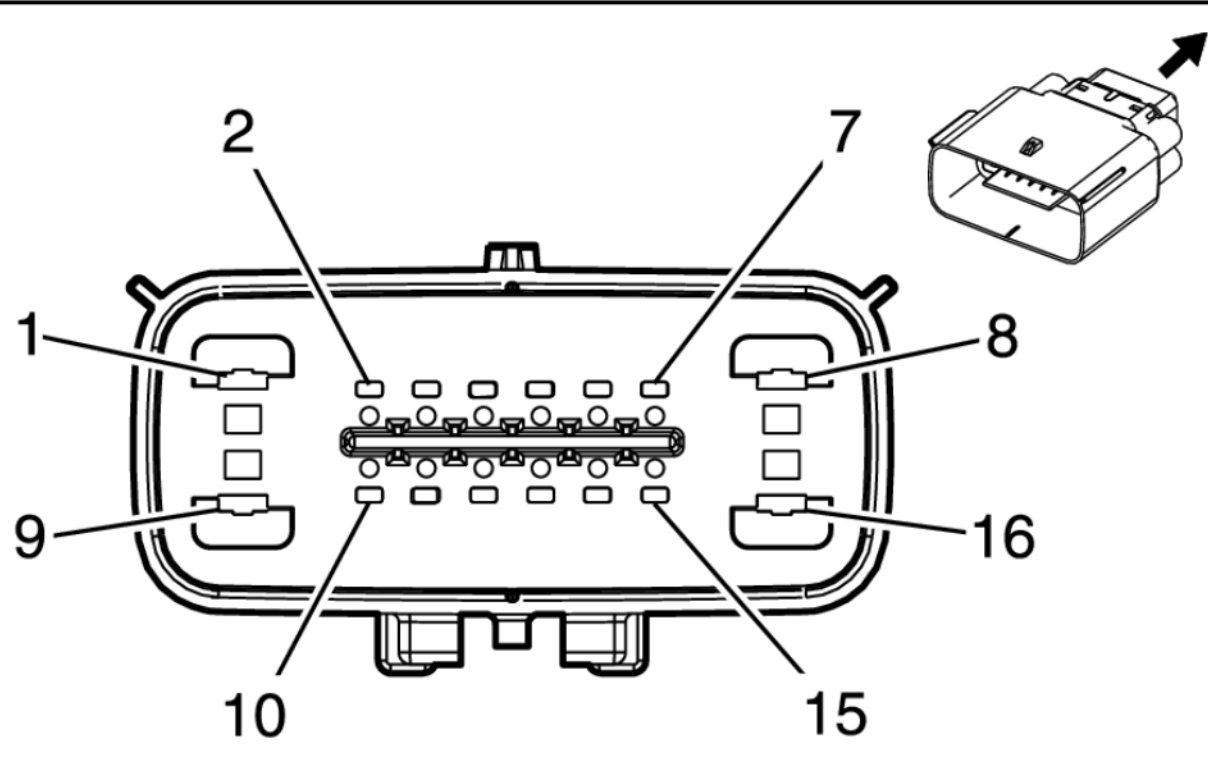
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
10	0.5	GY/BK	7127	II	-	Wheel Speed Sensor Control Left Rear	10	0.5	GY/BK	7127	III	-
11	0.5	BU	884	II	-	Wheel Speed Sensor Signal Left Rear	11	0.5	BU	884	III	-
12	0.5	GY/YE	7128	II	-	Wheel Speed Sensor Control Right Rear	12	0.5	GY/YE	7128	III	-
13	0.5	VT	882	II	-	Wheel Speed Sensor Signal Right Rear	13	0.5	VT	882	III	-
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	2.5	GY	4368	I	-	Park Brake Motor Low Reference Right Rear	16	2.5	GY	4368	III	-

X405 REAR AXLE HARNESS TO BODY HARNESS (KL9)



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 33218250
- 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-35616-14 (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	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	19355368	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	2.5	WH	2001	II	-	Park Brake Motor Apply Left Rear Control	1	2.5	WH	2001	IV	-
2	0.5	GN/GY	1216	I	F55	Right Rear Strut Position Sensor Signal	2	0.35	GN/GY	1216	III	F55
3	0.5	GN/RD	1214	I	F55	Right Rear Strut Position Sensor 5V Reference	3	0.35	GN/RD	1214	III	F55
4	0.5	BK/YE	1215	I	F55	Right Rear Strut Position Sensor Low Reference	4	0.35	BK/YE	1215	III	F55
5	0.5	GN/WH	1210	I	F55/TR7	Left Rear Strut Position Sensor Signal Left Rear Strut Position Sensor Signal	5	0.35 0.5	GN/WH GN/WH	1210 1210	III III	F55 F55/TR7
6	0.5	YE/RD	1208	I	F55/TR7	Left Rear Strut Position Sensor 5V Reference Left Rear Strut Position Sensor 5V Reference	6	0.35 0.5	YE/RD YE/RD	1208 1208	III III	F55 F55/TR7
7	0.5	BK/GN	1209	I	F55/TR7	Left Rear Strut Position Sensor Low Reference Left Rear Strut Position Sensor Low Reference	7	0.35 0.5	BK/GN BK/GN	1209 1209	III III	F55 F55/TR7
8	2.5	GN/VT	1988	II	-	Park Brake Motor Apply Right Rear Control	8	2.5	GN/VT	1988	IV	-
9	2.5	GY/BK	4369	II	-	Park Brake Motor Low Reference Left Rear	9	2.5	GY/BK	4369	IV	-
10	0.5	GY/BK	7127	I	-	Wheel Speed Sensor Control Left Rear	10	0.5	GY/BK	7127	III	-
11	0.5	BU	884	I	-	Wheel Speed Sensor Signal Left Rear	11	0.5	BU	884	III	-
12	0.5	GY/YE	7128	I	-	Wheel Speed Sensor Control Right Rear	12	0.5	GY/YE	7128	III	-
13	0.5	VT	882	I	-	Wheel Speed Sensor Signal Right Rear	13	0.5	VT	882	III	-
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	2.5	GY	4368	II	-	Park Brake Motor Low Reference Right Rear	16	2.5	GY	4368	IV	-

X409 BODY HARNESS TO REAR FASCIA HARNESS

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Diagram of the 12-Way F 1.5 Series, Sealed (BK) connector. The front view shows 12 terminals arranged in two rows of six. The side view shows the connector's profile with a locking tab. Labels 1, 6, 7, and 12 point to specific terminals.

Connector Part Information

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

Diagram of the 12-Way M 150 MX Series, Sealed (BK) connector. The front view shows 12 terminals arranged in two rows of six. The side view shows the connector's profile with a locking tab. Labels 1, 6, 7, and 12 point to specific terminals.

Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13534850
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575868	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	0.5	BU	3157	I	-	Right Rear Supplemental Object Sensor Signal	1	0.5	BU	3157	II	-
2	0.5	GN	3156	I	-	Left Rear Supplemental Object Sensor Signal	2	0.5	GN	3156	II	-
3	0.5	RD/GY	7040	I	-	Battery Positive Voltage	3	0.5	RD/GY	7040	II	-
4	0.5	BK	3850	I	-	Ground	4	0.5	BK	3850	II	-
5	0.5	GN/BN	4118	I	-	Local Interconnect Network Serial Data Bus 18	5	0.5	GN/BN	4118	II	-
6	-	-	-	-	-	FlexRay Communication Enable	6	0.35	GY/BU	2164	II	-
7	-	-	-	-	-	FlexRay Serial Data (+) (10)	7	0.5	GN	4744	II	-
8	-	-	-	-	-	FlexRay Serial Data (-) (10)	8	0.5	WH	4745	II	-
9	-	-	-	-	-	FlexRay Serial Data (+) (10)	9	0.5	GN	4744	II	-
10	-	-	-	-	-	FlexRay Serial Data (-) (10)	10	0.5	WH	4745	II	-
11	-	-	-	-	-	High Speed GMLAN Serial Data (-) 4	11	0.5	WH	3811	II	-
12	-	-	-	-	-	High Speed GMLAN Serial Data (+) 4	12	0.5	BU/VT	3813	II	-

X415 BODY HARNESS TO REAR FASCIA HARNESS

Diagram of the 20-Way F 1.5 Series, Sealed (BK) connector. The front view shows 20 terminals arranged in two rows of ten. The side view shows the connector's profile with a locking tab. Labels 1, 10, 11, and 20 point to specific terminals.

Connector Part Information

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

Diagram of the 20-Way M 1.5 Series, Sealed (BK) connector. The front view shows 20 terminals arranged in two rows of ten. The side view shows the connector's profile with a locking tab. Labels 1, 10, 11, and 20 point to specific terminals.

Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13520296
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way M 1.5 Series, Sealed (BK)

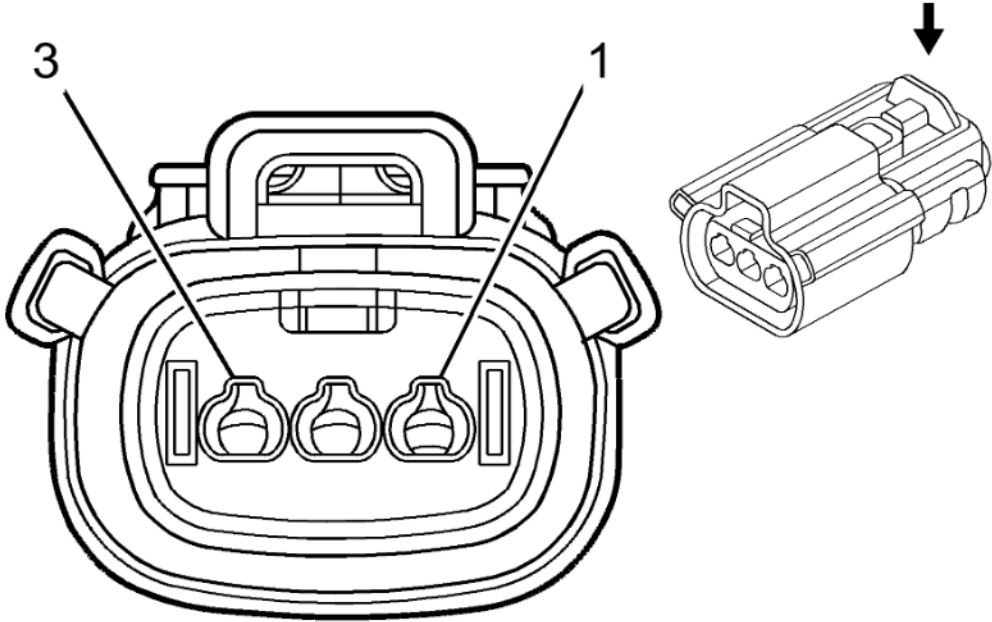
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BN/GN	3568	II	-	Passive Entry Rear Closure Antenna Signal Hi	1	0.5	BN/GN	3568	III	-
2	0.5	GN/GY	3569	II	-	Passive Entry Rear Closure Antenna Signal Lo	2	0.5	GN/GY	3569	III	-
3	0.35	BN/VT	3809	II	UGN/UVZ	Front Object Sensor Control 1	3	0.35	BN/VT	3809	III	UGN/UVZ
4	0.35	RD/GN	3840	II	-	Battery Positive Voltage	4	0.5	RD/GN	3840	III	-
5	0.35	GY/YE	5853	II	UKC	Driver Side Object Detection LED Signal 1	5	0.35	GY/YE	5853	III	UKC
6	0.35	GY	5861	II	UKC	Passenger Side Object Detection LED Signal 1	6	0.35	GY	5861	III	UKC
7	0.5	YE/GY	122	II	T79	Rear Fog Lamp Control	7	0.5	YE/GY	122	III	T79
8	0.35	BU/VT	3813	II	UGN/UVZ	High Speed GMLAN Serial Data (+) 4	8	0.35	BU/VT	3813	III	UGN/UVZ
9	0.35	WH	3811	II	UGN/UVZ	High Speed GMLAN Serial Data (-) 4	9	0.35	WH	3811	III	UGN/UVZ

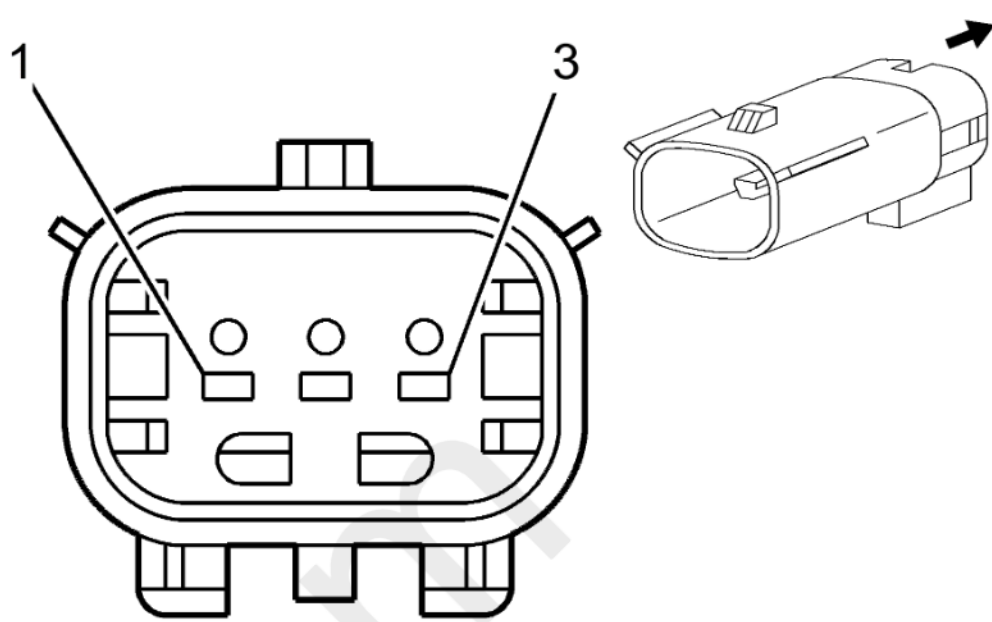
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
10	0.5	GN/WH	24	II	-	Backup Lamp Control	10	0.5	GN/WH	24	III	-
11	0.5	BN/WH	2374	II	UFQ	Object Sensor Control	11	0.5	BN/WH	2374	III	UFQ
12	0.5	YE	2375	II	-	Left Rear Corner Object Sensor Signal	12	0.5	YE	2375	III	-
13	0.5	YE/BU	2376	II	-	Left Rear Middle Object Sensor Signal	13	0.5	YE/BU	2376	III	-
14	0.5	YE/VT	2378	II	-	Right Rear Corner Object Sensor Signal	14	0.5	YE/VT	2378	III	-
15	0.5	YE/WH	2377	II	-	Right Rear Middle Object Sensor Signal	15	0.5	YE/WH	2377	III	-
16	0.5	BK/GY	2379	II	-	Object Sensor Low Reference	16	0.5	BK/GY	2379	III	-
17	0.75	BK	3850	I	-	Ground Ground	17	0.75	BK	3850	III	-
18	0.35	GN	5060	II	UKC	Low Speed GMLAN Serial Data	18	0.35	GN	5060	III	UKC
19	0.35	BU/VT	3813	II	UGN/UVZ	High Speed GMLAN Serial Data (+) 4	19	-	-	-	-	-
20	0.35	WH	3811	II	UGN/UVZ	High Speed GMLAN Serial Data (-) 4	20	-	-	-	-	-

X416 REAR FASCIA HARNESS TO BACK UP LAMP HARNESS (T79)



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13541759
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 MX Series, Sealed (BK)



Connector Part Information

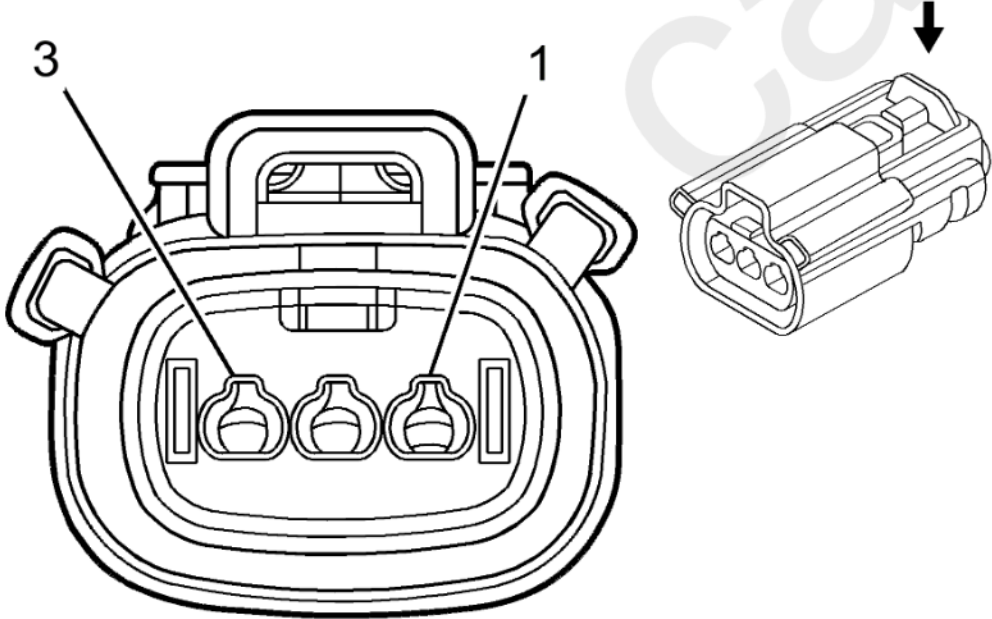
- Harness Type: Back Up Lamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M

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

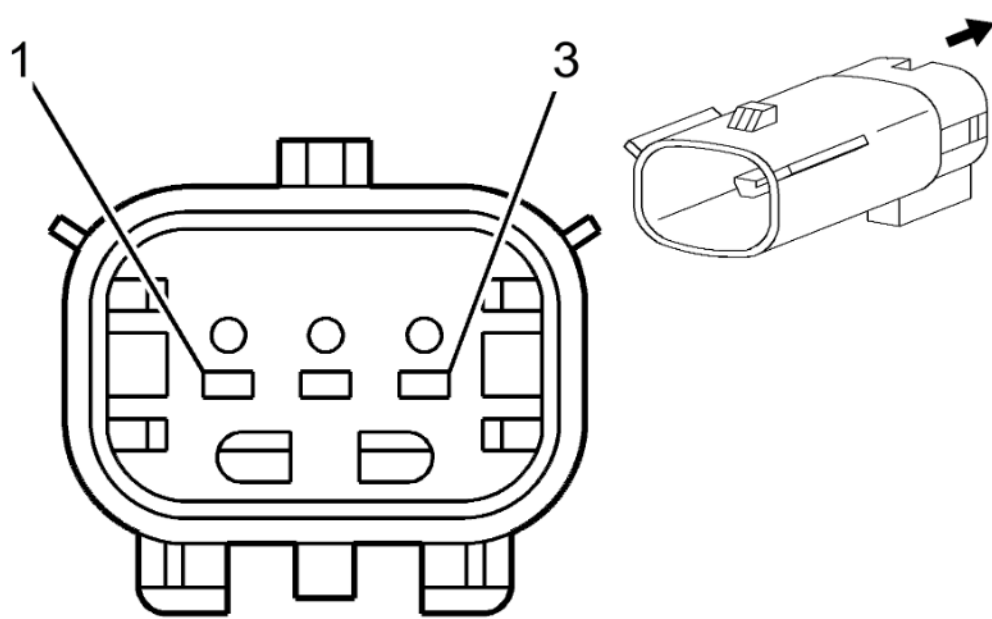
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	3850	I	-	Ground	1	0.5	BK	3850	II	-
2	0.5	GN/WH	24	I	-	Backup Lamp Control	2	0.5	GN/WH	24	II	-
3	0.5	YE/GY	122	I	-	Rear Fog Lamp Control	3	0.5	YE/GY	122	II	-

X416 REAR FASCIA HARNESS TO BACK UP LAMP HARNESS (-T79)



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 15544714
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 1.5 Series, Sealed (GY)



Connector Part Information

- Harness Type: Back Up Lamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way M

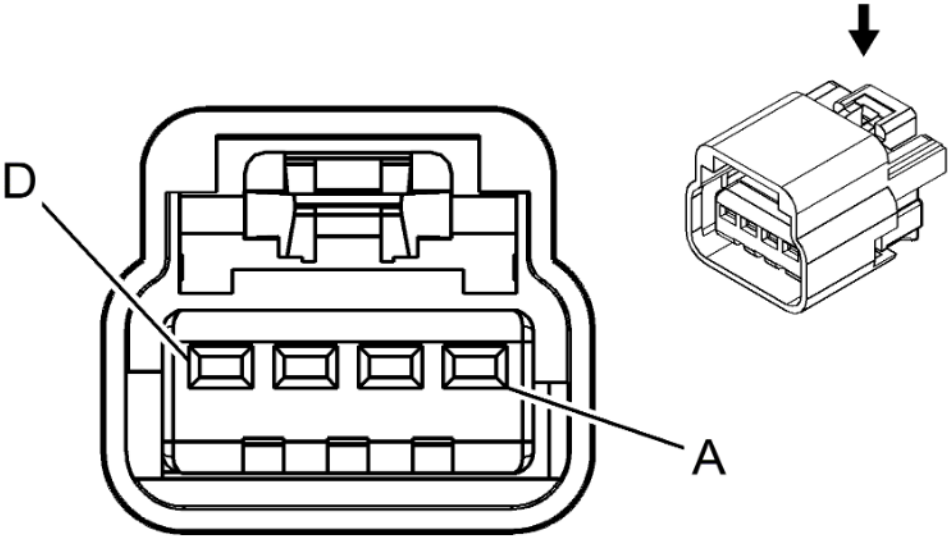
Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	3850	I	-T79+UKC/UVZ	Ground Ground	1	0.75	BK	3850	II	-
	0.75	BK	3850	I	-T79-UKC/UVZ							
2	0.5	GN/WH	24	I	-	Backup Lamp Control	2	0.5	GN/WH	24	II	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-

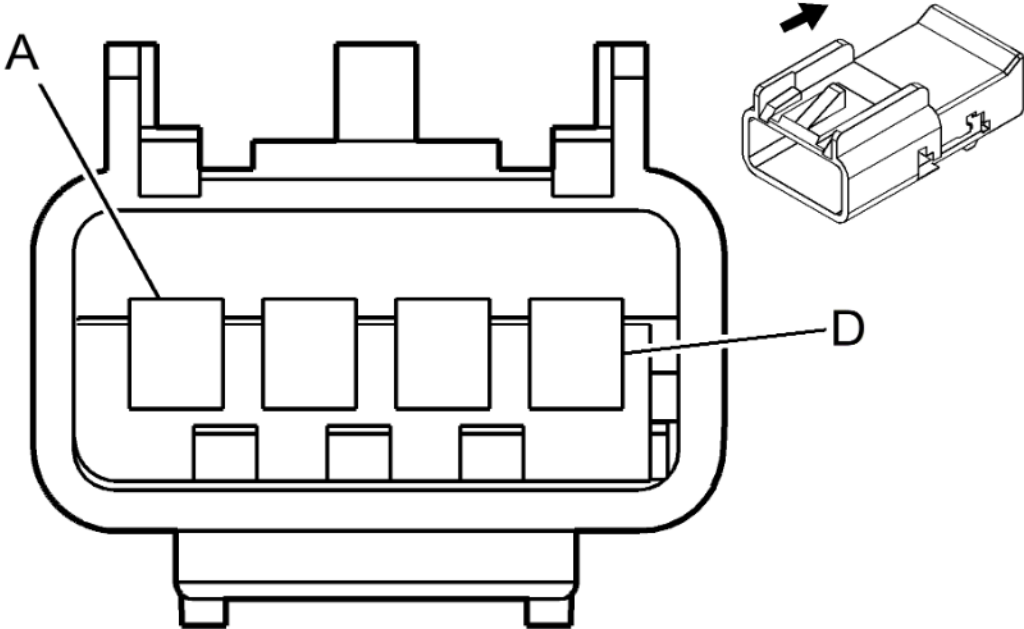
X422 REAR WINDOW SUNSHADE JUMPER HARNESS TO BODY HARNESS (DB3)

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Connector Part Information

- Harness Type: Rear Window Sunshade Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F



Connector Part Information

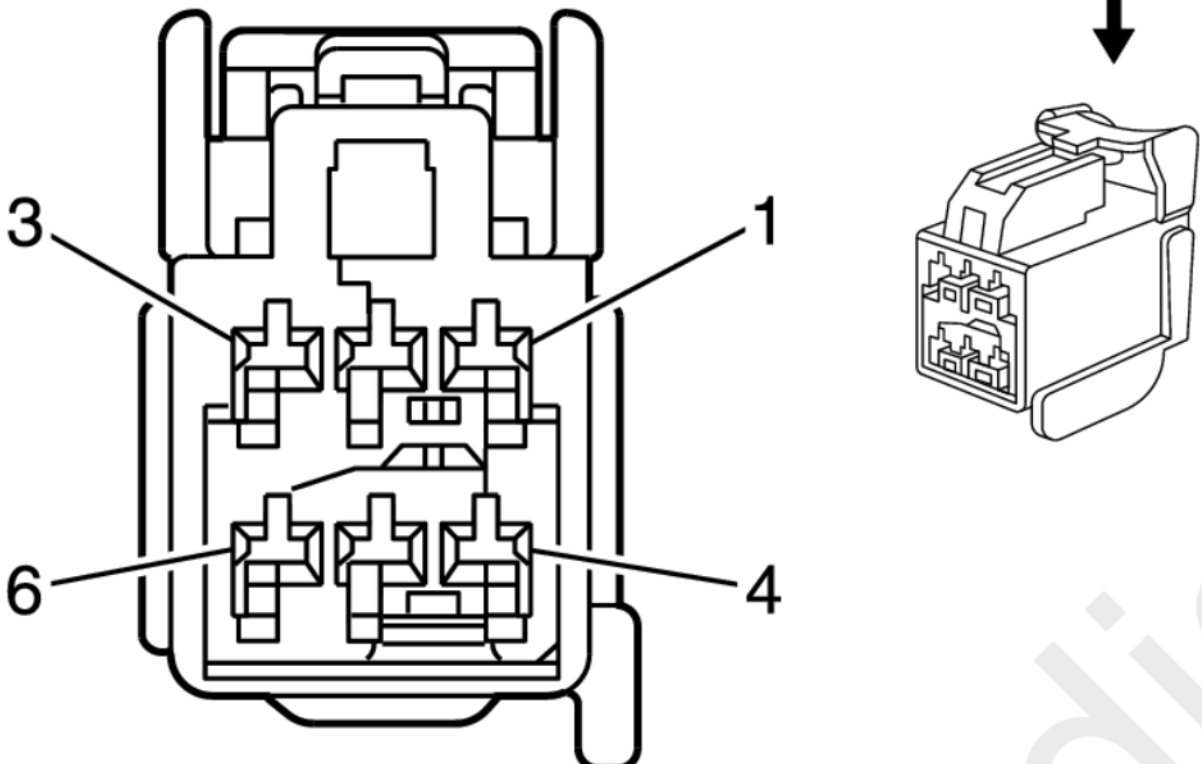
- Harness Type: Body
- OEM Connector: 15332136
- Service Connector: 88953354
- Description: 4-Way M 150 GT Series (BK)

Terminal Part Information

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

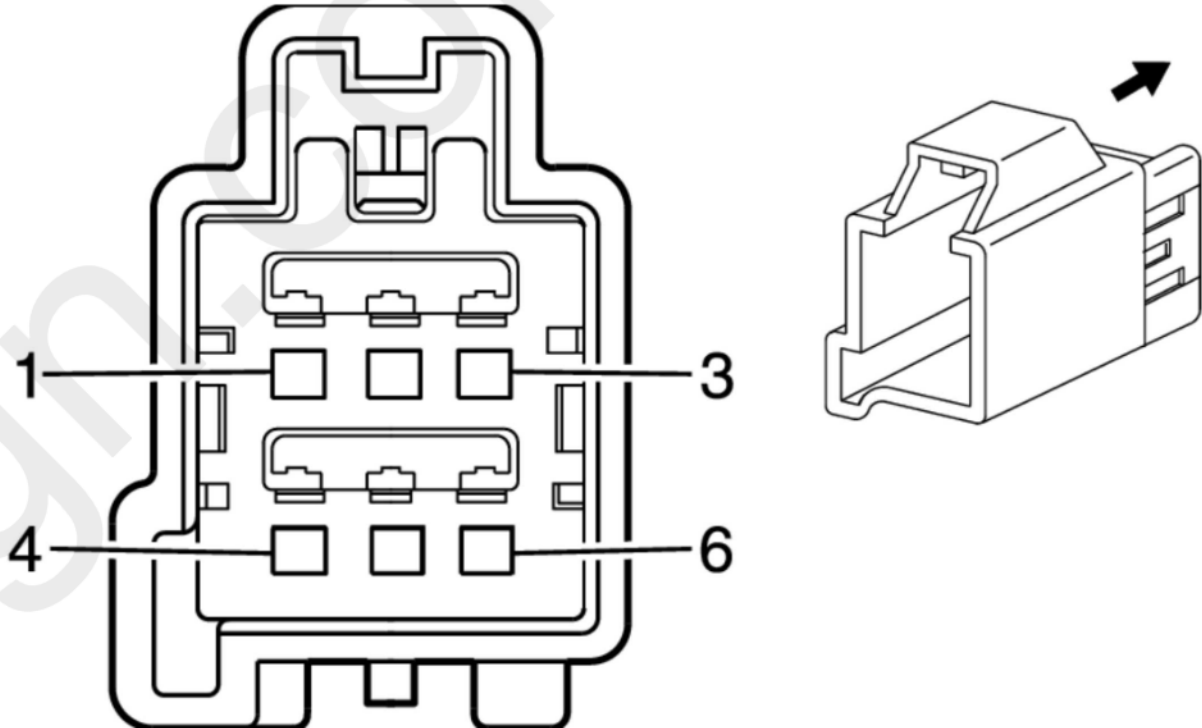
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
D	0.5	GN/WH	24	I	-	Backup Lamp Control	D	0.5	GN/WH	24	II	-
C	0.35	VT/GY	5310	I	-	Rear Sunshade Switch Express Signal	C	0.35	VT/GY	5310	II	-
B	0.5	BK	2450	I	-	Ground	B	0.5	BK	2450	II	-
A	0.35	VT/BK	1239	I	-	Run/Crank Ignition 1 Voltage	A	0.35	VT/BK	1239	II	-

X440 BODY HARNESS TO REAR HVAC HARNESS (C24/KEM)



Connector Part Information

- Harness Type: Body
- OEM Connector: 10846805
- Service Connector: 89046849
- Description: 6-Way F 1.5 Kaizen Series (L-GY)



Connector Part Information

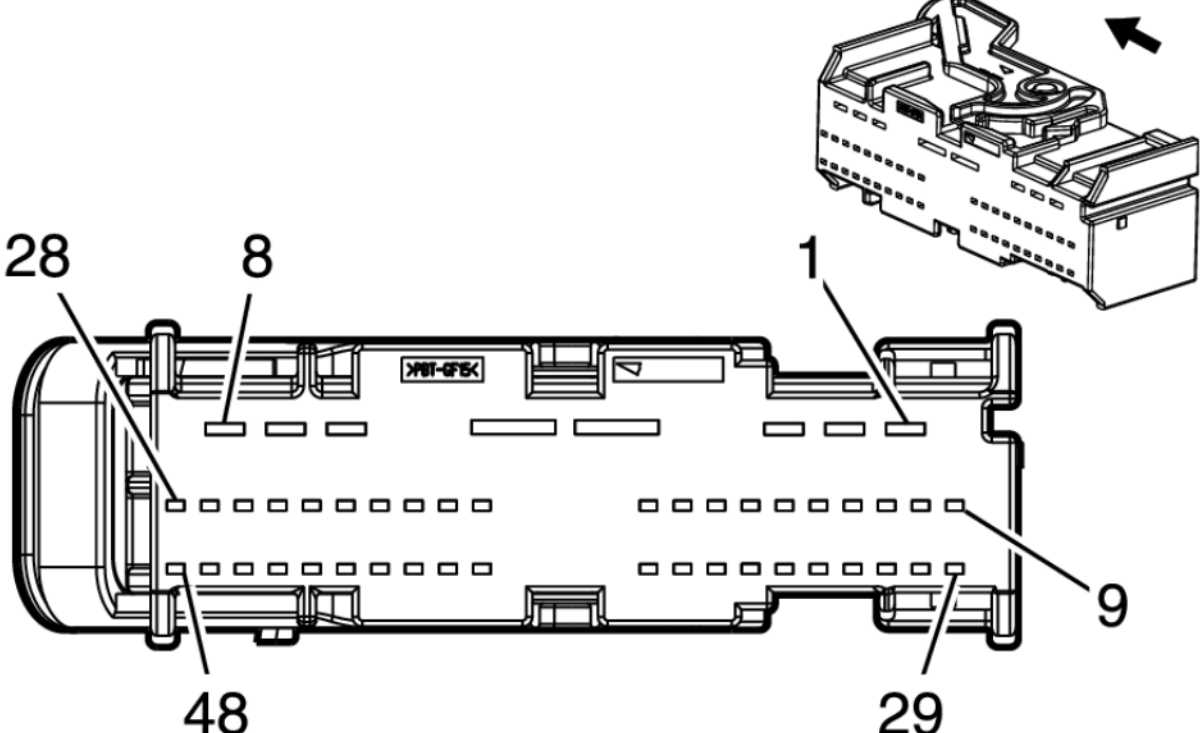
- Harness Type: HVAC
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

Terminal Part Information

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

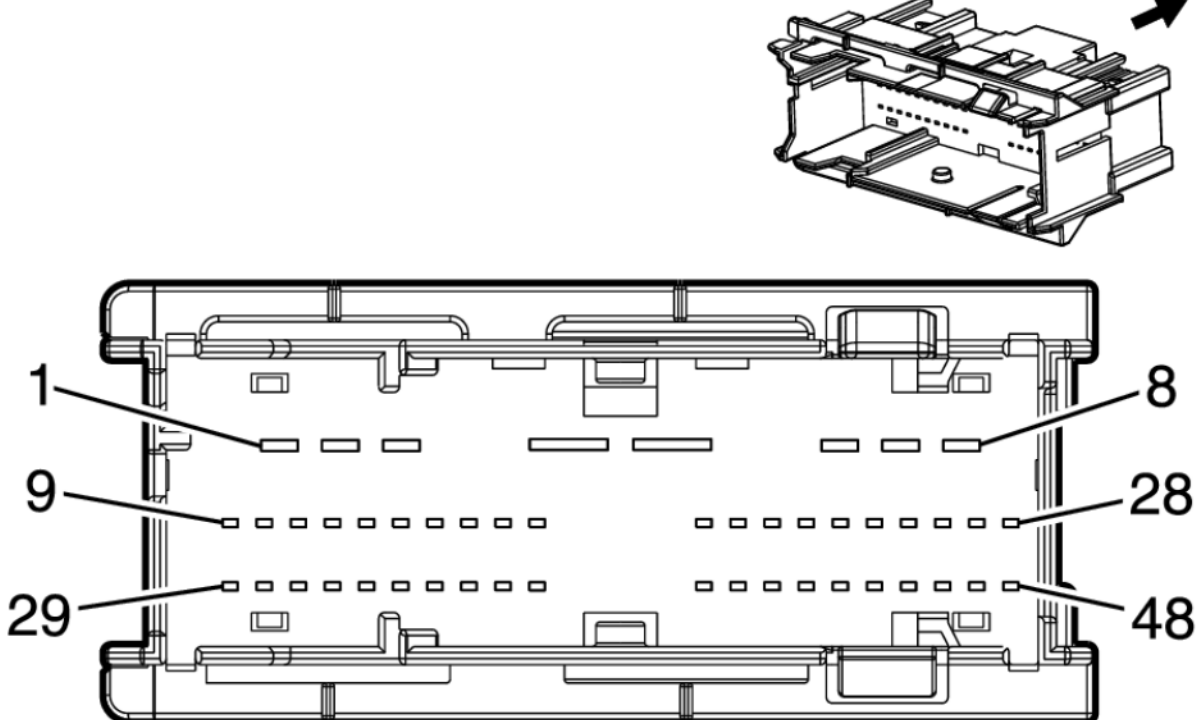
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GN/BU	4119	I	-	Local Interconnect Network Serial Data Bus 19	1	0.35	GN/BU	4119	II	-
2	0.5	BN/VT	9573	I	-	-	2	0.5	BN/VT	9573	II	-
3	0.5	BK	3850	I	-	Ground	3	0.5	BK	3850	II	-
4 - 6	-	-	-	-	-	Not Occupied	4 - 6	-	-	-	-	-

X500 DRIVER DOOR HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 33191148
- Service Connector: Service by Harness - See Part Catalog



Connector Part Information

- Harness Type: Body
- OEM Connector: 33110467
- Service Connector: 19330355

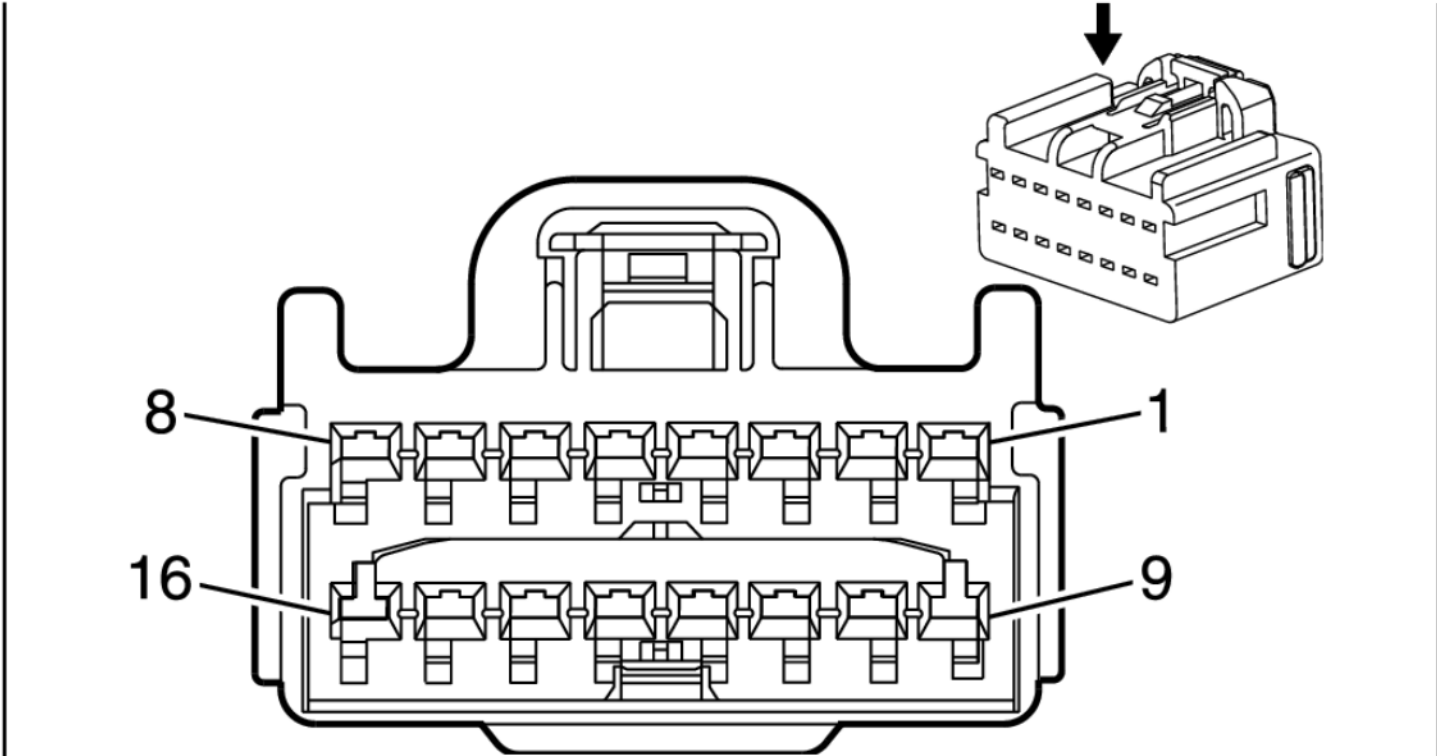
Terminal Part Information

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-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	13575823	J-35616-5 (PU)	J-38125-11A	7114-4110-02	Yazaki 9	E	C
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	7114-4112-02	Yazaki 9	C	D
VII	13575824	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VIII	13580023	J-35616-43 (RD)	J-38125-11A	7114-4122-02	Yazaki 9	A	B
IX	19329830	J-35616-17 (LT GN)	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	0.35	GN/YE	6134	II	-	Local Interconnect Network Serial Data Bus 3	1	0.35	GN/YE	6134	IV	-
2	2.5	RD/BU	1842	II	-	Battery Positive Voltage Battery Positive Voltage	2	2.5	RD/BU	1842	VI	-
3	0.35 0.5	VT/BU GY/BK	6189 6113	II II	-TL9-TC2 TL9/TC2	Lift Glass/Rear Compartment Lid Interior Release Signal Rear Lift Gate Open/Close Switch Signal	3	0.13 0.35	VT GY/BK	6189 6113	V IV	-TL9-TC2 TL9/TC2
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	2.5	BK	2150	III	-	Ground Ground	5	4	BK	2150	VIII	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.75	BN/BU	118	II	-	Left Front Speaker Signal (-) 1	7	1 1.5	BN/BU BN/BU	118 118	VII VII	UQH UQA/UQS
8	0.75	BU	201	II	-	Left Front Speaker Control (+) 1	8	1 1.5	BU BU	201 201	VII VII	UQH UQA/UQS
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.35	YE/WH	1690	I	-	Automatic Day/Night Mirror Signal	10	0.35	YE/WH	1690	IX	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.5	GY	157	I	-	Interior Lamp Control	12	0.5	GY	157	IX	-
13	0.35	WH	3574	I	-	Driver Door Open Switch Signal	13	0.35	WH	3574	IX	-
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	0.5	BU/GN	7530	I	-	Local Interconnect Network Serial Data Bus 8	16	0.35	GN/WH	7530	IX	-
17	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	17	0.35	WH	781	IX	-
18	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	18	0.35	BU/GN	614	IX	-
19	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	19	0.35	BK/BU	5978	IX	-
20	0.35	WH	615	I	-	Memory Seat Switch Signal 1	20	0.35	WH	615	IX	-
21	0.35	BN	780	I	-	Driver Door Lock Switch Lock Signal	21	0.35	BN	780	IX	-
22	0.75	WH	5911	I	-	Door Lock Actuator Lock Control 2 Door Lock Actuator Lock Control 2	22	0.75	GY	5911	IX	-
23	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	23	0.75	BN/YE	294	IX	-
24	0.75	BN	5910	I	UTT	Door Double Lock Actuator Lock Control	24	0.75	BN	5910	IX	UTT
25	0.5	RD/VT	1940	I	-	Battery Positive Voltage	25	0.5	RD/VT	1940	IX	-
26	0.35	BK/YE	1691	I	-	Automatic Day/Night Mirror Low Reference	26	0.35	BK/YE	1691	IX	-
27	0.5	OG/GN	2132	I	-	Left Front Side Impact Sensing Module Signal	27	0.5	OG/GN	2132	IX	-
28	0.5	BK/OG	6628	I	-	Left Front Side Impact Sensing Module Low Reference	28	0.5	BK/OG	6628	IX	-
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.35	YE	6817	I	-	LED Backlight Dimming Control	30	0.35	YE	6817	IX	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	32	0.35	WH/YE	7557	IX	-
33	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	33	0.5	BU/WH	1314	IX	-
34	0.5	BARE	2624	I	-	Left Side Vision Camera Video Drain Wire	34	0.35	BARE	2624	IX	UVH
35	0.35	WH/GN	2628	I	UVH	Left Side Vision Camera Video Signal (+)	35	0.35	WH/GN	2628	IX	UVH
36	0.35	GY/GN	2625	I	UVH	Left Side Vision Camera Video Signal (-)	36	0.35	GY/GN	2625	IX	UVH
37	0.35	WH/BN	6201	I	UVH	Camera Control	37	0.35	WH/BN	6201	IX	UVH
38	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	38	0.35	GY/GN	5996	IX	-
39	0.35	WH/BK	3570	I	-	Driver Door Handle Switch Signal	39	0.35	D-GN/WH	3570	IX	-
40	0.35	GY/YE	5853	I	UKC	Driver Side Object Detection LED Signal 1	40	0.35	GY/YE	5853	IX	UKC
41	0.5	BN/YE	2267	I	-	Mirror Heating Element Control	41	0.5	BN/YE	2267	IX	-
42	0.35	GN/GY	3758	I	-	Local Interconnect Network Serial Data Bus 13	42	0.35	GN/GY	3758	IX	-
43	0.35	BN/BK	6202	I	UVH	Camera Ground	43	0.35	BN/BK	6202	IX	UVH
44	-	-	-	-	-	Refuel Request Switch Signal	44	0.5	BN/WH	3827	IX	-
45	-	-	-	-	-	Fuel Door Release Switch Signal	45	0.5	GY/WH	1447	IX	-
46 - 48	-	-	-	-	-	Not Occupied	46 - 48	-	-	-	-	-

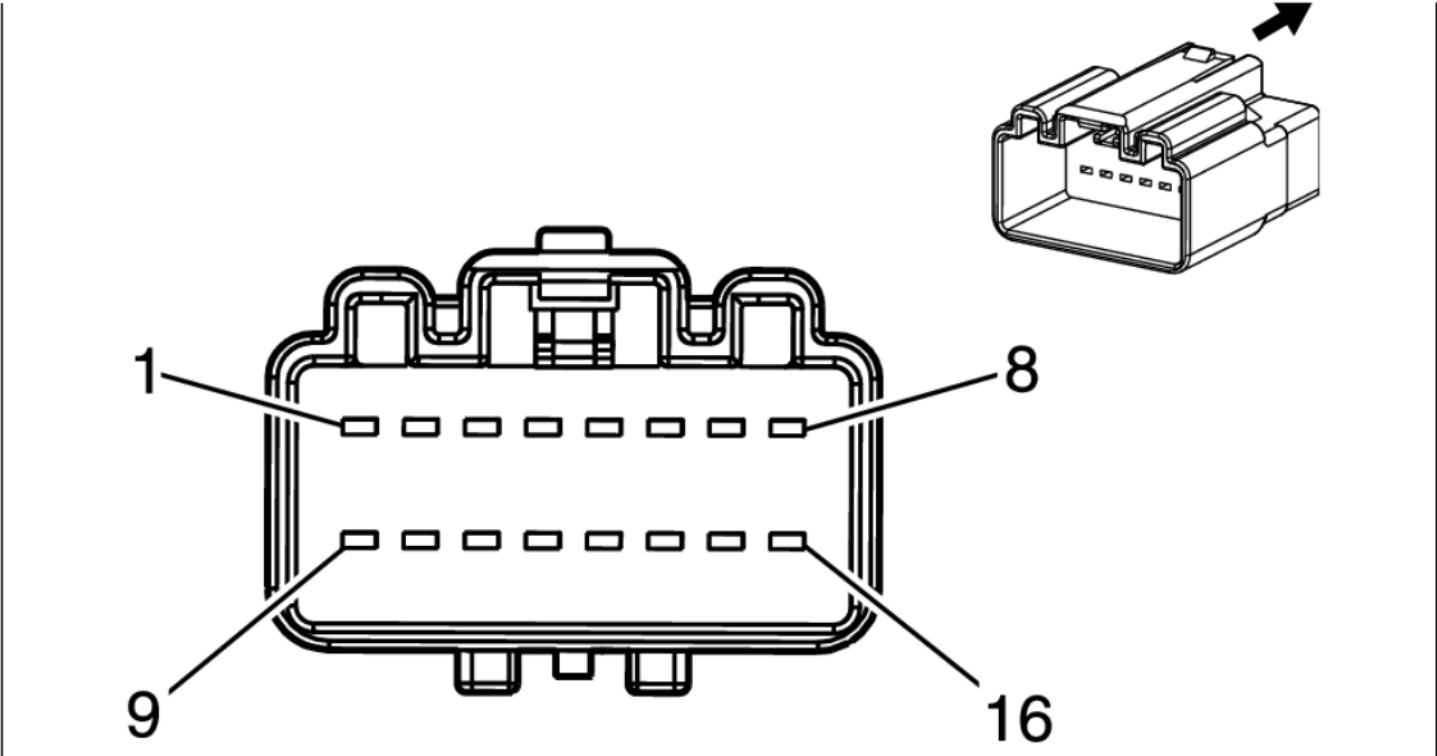
X505 DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS

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Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)



Connector Part Information

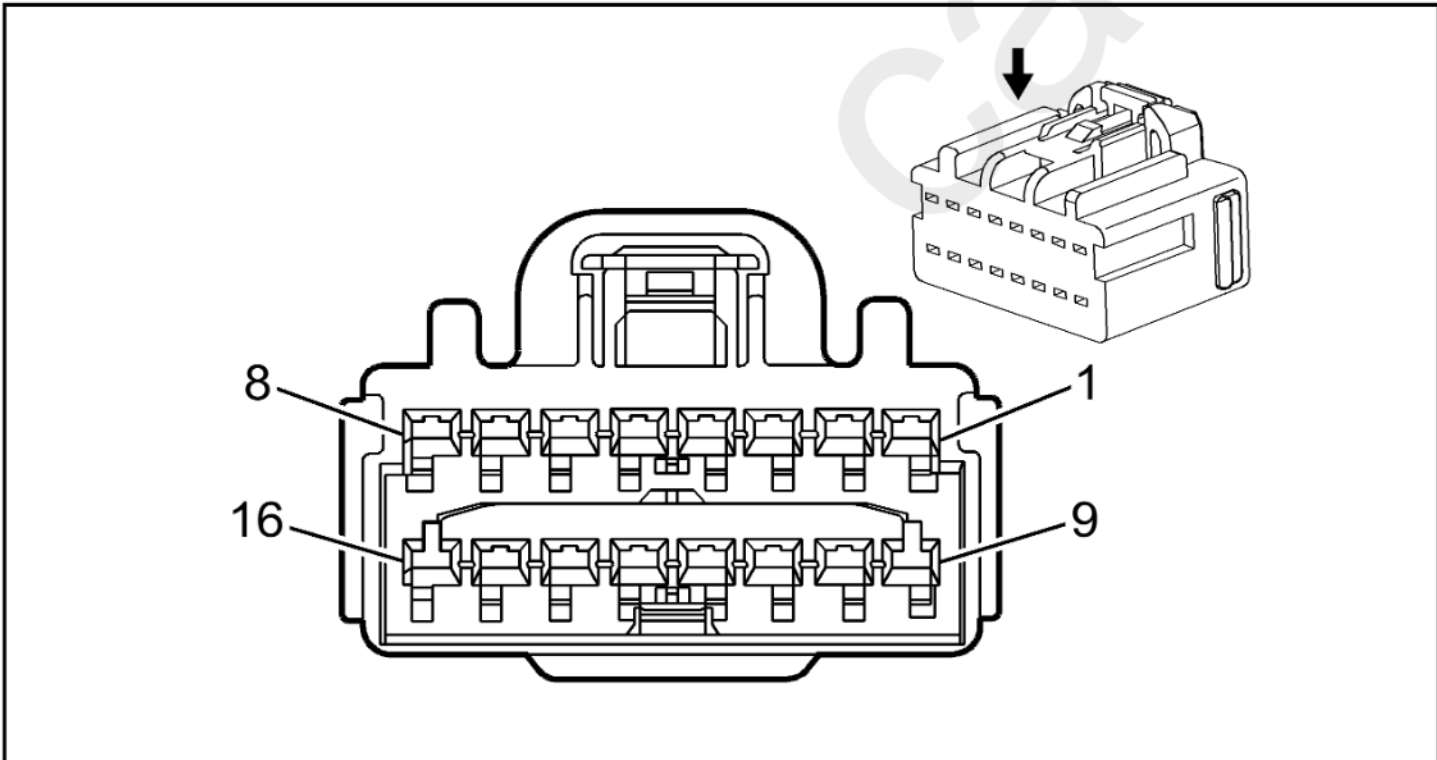
- Harness Type: Driver Door Trim
- OEM Connector: 13507433
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 1.5 Kaizen Series (GN)

Terminal Part Information

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

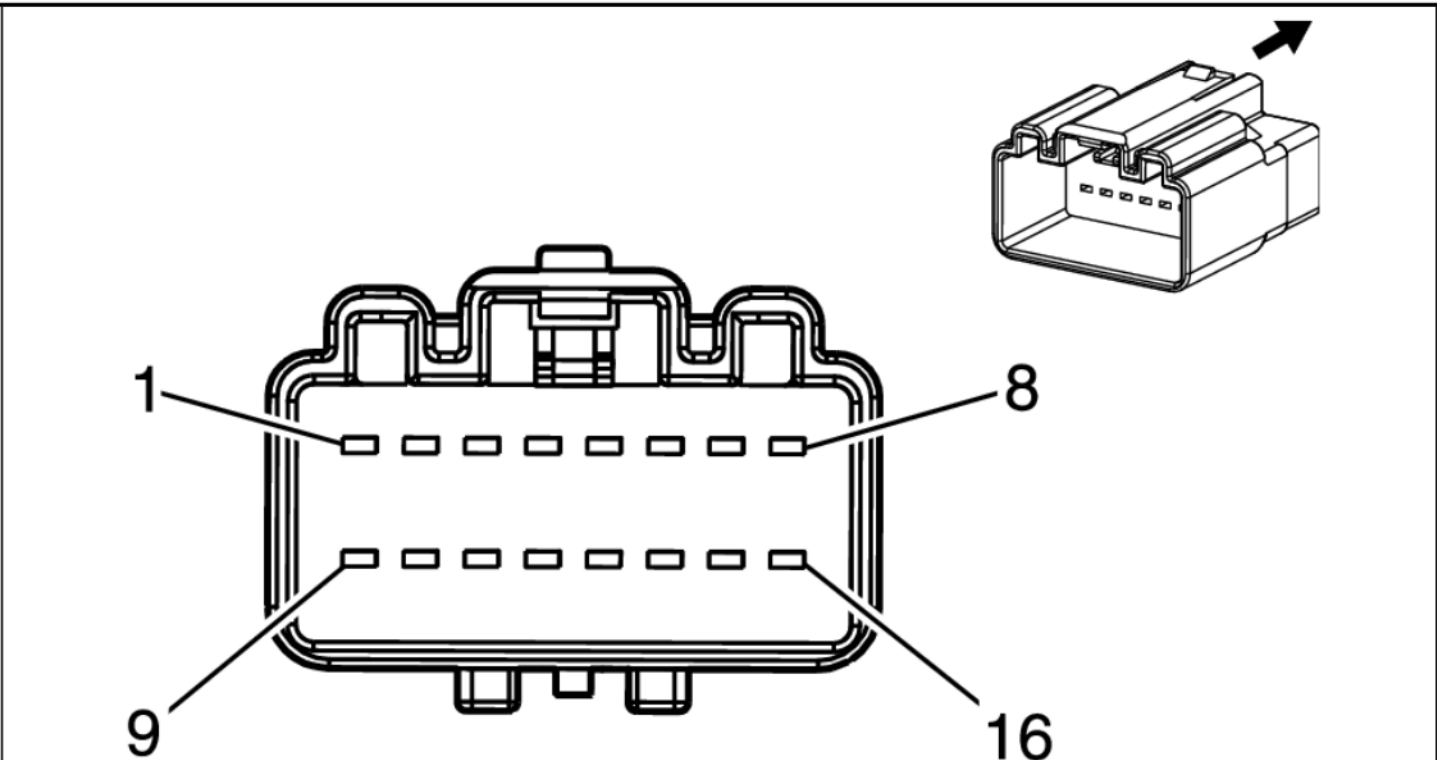
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2150	I	-	Ground	1	0.5	BK	2150	II	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.35	YE/BN	3391	I	-	Driver Mirror Motor Common Control	3	0.35	YE/BN	3391	II	-
4	0.35	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	4	0.35	VT/BU	3390	II	-
5	0.35	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	5	0.35	BN/BK	3389	II	-
6	0.5	GY	157	I	-	Interior Lamp Control	6	0.5	GY	157	II	-
7	0.35	GN/GY	3758	I	-	Local Interconnect Network Serial Data Bus 13	7	0.35	GN/GY	3758	II	-
8	0.35	BU/VT	1124	I	-	Door Lock Key Switch Unlock Signal	8	0.35	BU/VT	1124	II	-
9	0.35	WH/VT	3270	I	-	Driver Door Lock Motor Status Signal	9	0.35	WH/VT	3270	II	-
10	0.35	BN	780	I	-	Driver Door Lock Switch Lock Signal	10	0.35	BN/YE	780	II	-
11	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	11	0.35	BN/WH	781	II	-
12	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	12	0.35	GN/YE	6134	II	-
13	0.35	GN/WH	3379	I	-	Power Window Switch Driver Up Signal	13	0.35	GN/WH	3379	II	-
14	0.35	BU/GN	3380	I	-	Power Window Switch Driver Down Signal	14	0.35	GY	3380	II	-
15	0.35	GN	3381	I	-	Power Window Switch Driver Express Signal	15	0.35	GN	3381	II	-
16	0.35 0.5	VT/BU GY/BK	6189 6113	I I	-TL9-TC2 TL9/TC2	Lift Glass/Rear Compartment Lid Interior Release Signal Rear Lift Gate Open/Close Switch Signal	16	0.35 0.35	VT/BU GY/BK	6189 6113	II II	-TL9-TC2 TL9/TC2

X506 DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13506916
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (BU)



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13507436
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 1.5 Kaizen Series (BU)

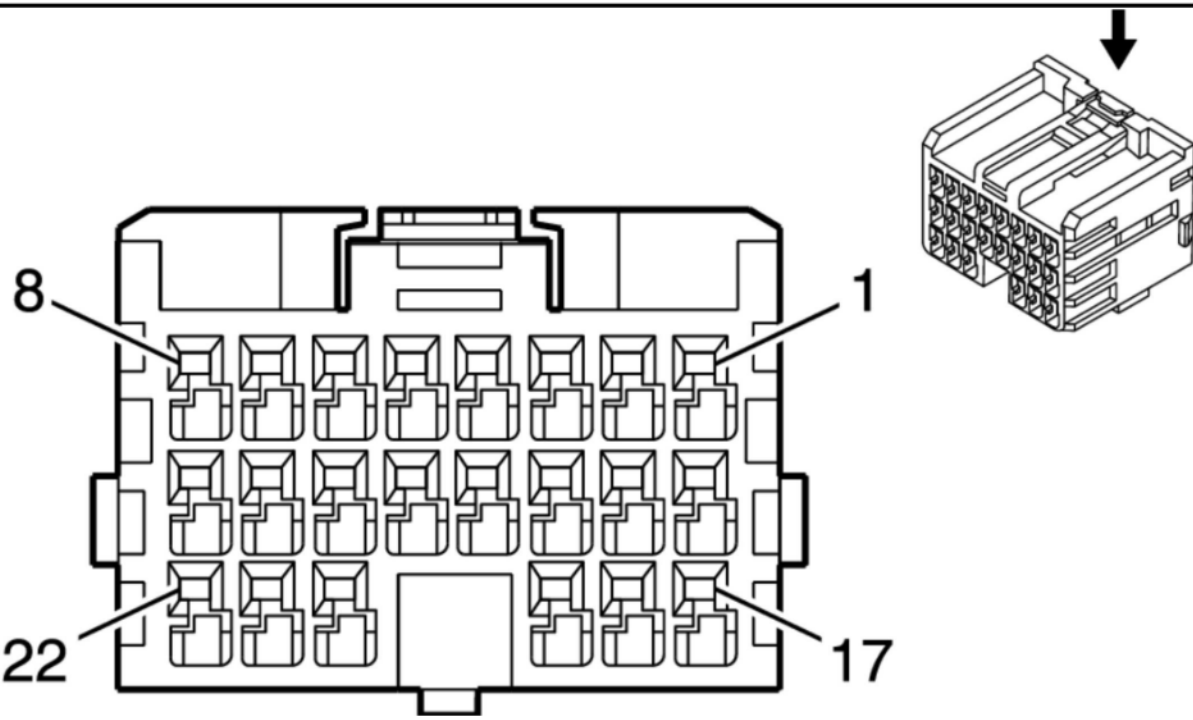
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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/WH	3411	I	DNP/DWR	Driver Mirror Motor Fold Out Control	1	0.5	GY/WH	3411	II	DNP/DWR
2	0.5	BU/GN	3412	I	DNP/DWR	Driver Mirror Motor Fold In Control	2	0.5	WH/GN	3412	II	DNP/DWR
3	0.35	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	3	0.35	GY/BN	3394	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4	0.35	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	4	0.35	VT/RD	3392	II	-
5	0.35	WH/YE	3395	I	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	5	0.35	WH/YE	3395	II	-
6	0.35	BK/BN	3393	I	-	Driver Mirror Position Sensor Low Reference	6	0.35	BK/BN	3393	II	-
7	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	7	0.35	WH/YE	7557	II	-
8	0.5	BU/GN	7530	I	-	Local Interconnect Network Serial Data Bus 8	8	0.35	GN/WH	7530	II	-
9	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	9	0.35	BU/GN	614	II	-
10	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	10	0.35	BK/BU	5978	II	-
11	0.35	WH	615	I	-	Memory Seat Switch Signal 1	11	0.35	WH	615	II	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.35	YE	6817	I	-	LED Backlight Dimming Control	13	0.35	YE	6817	II	-
14	0.5	RD/VT	1940	I	-	Battery Positive Voltage	14	0.35	RD/VT	1940	II	-
15	-	-	-	-	-	Fuel Door Release Switch Signal	15	0.35	GY/WH	1447	II	-
16	-	-	-	-	-	Refuel Request Switch Signal	16	0.35	BN/WH	3827	II	-

X510 DRIVER DOOR HARNESS TO DRIVER OUTSIDE REARVIEW MIRROR HARNESS



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 33100834
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way F 0.64 Series (BK)

Connector Part Information

- Harness Type: Driver Outside Rearview Mirror
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GY/GN	5996	I	DNP/DWR	Driver Outside Rear View Mirror Puddle Lamp Control	1	0.35	GY/GN	5996	II	DNP/DWR
2	0.35	YE/WH	1690	I	-	Automatic Day/Night Mirror Signal	2	0.35	YE/WH	1690	II	-
3	0.35	BK/BN	3393	I	-	Driver Mirror Position Sensor Low Reference	3	0.35	BK/BN	3393	II	-
4	0.35	WH/GN	2628	I	-	Left Side Vision Camera Video Signal (+)	4	0.35	WH/GN	2628	II	-
5	0.35	WH/BN	6201	I	-	Camera Control	5	0.35	WH/BN	6201	II	-
6	0.35	BN/BK	6202	I	UVH	Camera Ground	6	0.35	BN/BK	6202	II	UVH
7	0.5	GY/WH	3411	I	DNP/DWR	Driver Mirror Motor Fold Out Control	7	0.5	GY/WH	3411	II	DNP/DWR
8	0.5	BK	2150	I	-	Ground	8	0.5	BK	2150	II	-
9	0.35	WH/YE	3395	I	-	Driver Mirror Position Sensor Left (-) Right (+) Signal	9	0.35	WH/YE	3395	II	-
10	0.5	BN/YE	2267	I	-	Mirror Heating Element Control	10	0.5	BN/YE	2267	II	-
11	0.35	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	11	0.35	VT/BU	3390	II	-
12	0.5	BARE	2624	I	-	Left Side Vision Camera Video Drain Wire	12	0.5	BARE	2624	II	-
13	0.35	GY/GN	2625	I	-	Left Side Vision Camera Video Signal (-)	13	0.35	GY/GN	2625	II	-
14	0.35	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	14	0.35	BN/BK	3389	II	-
15	0.5	BK	2150	I	-	Ground	15	0.5	BK	2150	II	-
16	0.35	YE/BN	3391	I	-	Driver Mirror Motor Common Control	16	0.35	YE/BN	3391	II	-
17	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	17	0.5	BU/WH	1314	II	-
18	0.35	GY/BN	3394	I	-	Driver Mirror Position Sensor Up (+) Down (-) Signal	18	0.35	GY/BN	3394	II	-
19	0.35	GY/YE	5853	I	UFG	Driver Side Object Detection LED Signal 1	19	0.35	GY/YE	5853	II	UFG
20	0.35	BK/YE	1691	I	-	Automatic Day/Night Mirror Low Reference	20	0.35	BK/YE	1691	II	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
21	0.35	VT/RD	3392	I	-	Driver Mirror Position Sensor 5V Reference	21	0.35	VT/RD	3392	II	-
22	0.5	BU/GN	3412	I	DNP/DWR	Driver Mirror Motor Fold In Control	22	0.5	BU/GN	3412	II	DNP/DWR

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

INLINE HARNESS CONNECTOR END VIEWS

X600 PASSENGER DOOR HARNESS TO BODY HARNESS

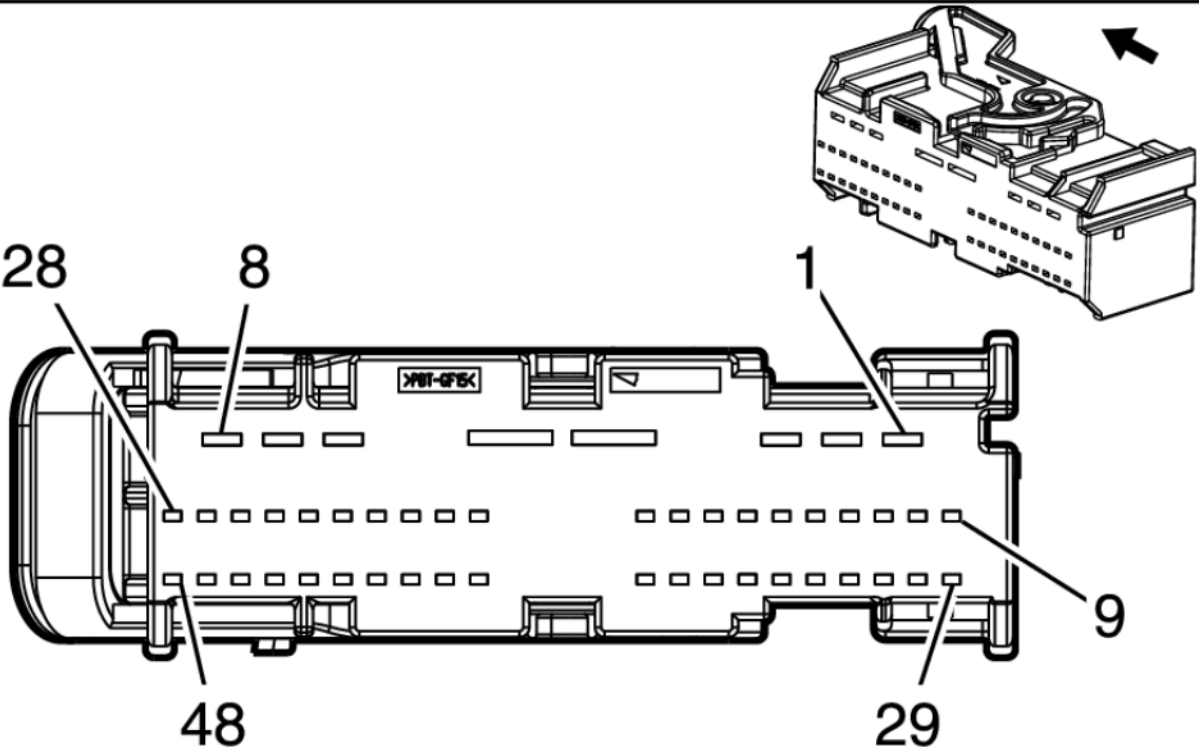


Diagram showing the end view of the Passenger Door Harness Connector. The connector is a rectangular housing with multiple terminals. Callouts point to specific features: 1 (top edge), 8 (top terminal), 28 (top terminal), 48 (bottom terminal), and 29 (bottom terminal). An inset shows the connector from a different angle.

Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 33191148
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F 1.2 Multilock, 2.8, 6.3 YESC Series (BK)

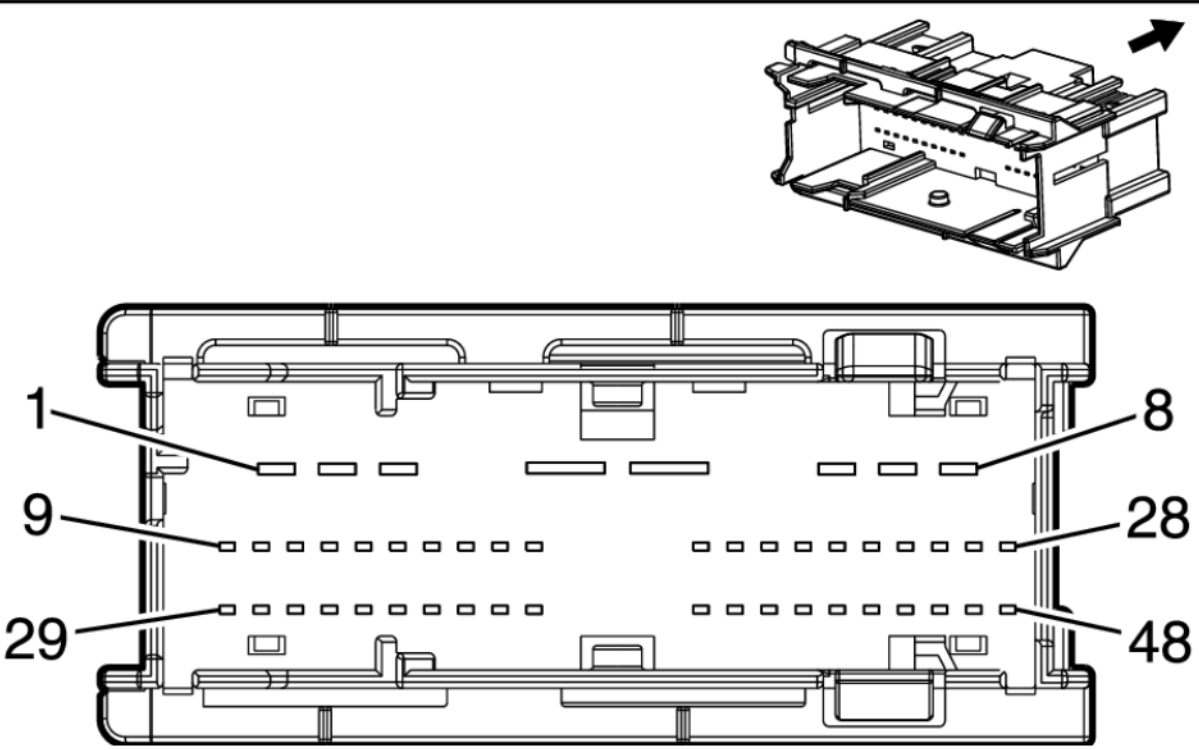


Diagram showing the end view of the Body Harness Connector. The connector is a rectangular housing with multiple terminals. Callouts point to specific features: 1 (top edge), 9 (top terminal), 29 (top terminal), 8 (bottom terminal), 28 (bottom terminal), and 48 (bottom terminal). An inset shows the connector from a different angle.

Connector Part Information

- Harness Type: Body
- OEM Connector: 33110467
- Service Connector: 19330355
- Description: 48-Way M 1.2 Multilock, 2.8, 6.3 YESC 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-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	13575823	J-35616-5 (PU)	J-38125-11A	7114-4110-02	Yazaki 9	E	C
V	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
VI	13575824	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VII	13580023	J-35616-43 (RD)	J-38125-11A	7114-4122-02	Yazaki 9	A	B
VIII	19329830	J-35616-17 (LT GN)	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	0.35	GN/YE	6134	II	-	Local Interconnect Network Serial Data Bus 3	1	0.35	GN/YE	6134	IV	-
2	2.5	RD/WH	4042	II	-	Battery Positive Voltage Battery Positive Voltage	2	2.5	RD/WH	4042	V	-
3	0.5	GY	157	II	-	Interior Lamp Control Interior Lamp Control	3	0.5	GY	157	IV	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	2.5	BK	2250	III	-	Ground Ground	5	4	BK	2250	VII	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.75	YE/BK	117	II	-	Right Front Speaker Signal (-) 1	7	1 1.5	YE/BK YE/BK	117 117	VI VI	UQH UQA/UQS
8	0.75	YE	200	II	-	Right Front Speaker Control (+) 1	8	1 1.5	YE YE	200 200	VI VI	UQH UQA/UQS
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.5	RD/VT	1940	I	-	Battery Positive Voltage	10	0.5	RD/VT	1940	VIII	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	YE/WH	1690	I	DNP/DWR	Automatic Day/Night Mirror Signal	12	0.35	YE/WH	1690	VIII	DNP/DWR
13	0.35	BK/YE	1691	I	DNP/DWR	Automatic Day/Night Mirror Low Reference	13	0.35	BK/YE	1691	VIII	DNP/DWR
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	16	0.35	GN/WH	7530	VIII	-
17	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	17	0.35	BN	245	VIII	-
18	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	18	0.35	BU/GN	614	VIII	-
19	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	19	0.35	BK/BU	5978	VIII	-
20	0.35	WH	615	I	-	Memory Seat Switch Signal 1	20	0.35	WH	615	VIII	-
21	0.35	YE/VT	244	I	-	Passenger Door Lock Switch Lock Control	21	0.35	YE	244	VIII	-
22	0.75	GY	295	I	-	Door Lock Actuator Lock Control	22	0.75	GY	295	VIII	-
23	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	23	0.75	BN/YE	294	VIII	-
24	0.75	BN	5910	I	UTT	Door Double Lock Actuator Lock Control	24	0.75	BN	5910	VIII	UTT
25	0.5	RD/GY	1740	I	-	Battery Positive Voltage Battery Positive Voltage	25	0.5	RD/GY	1740	VIII	-
26	-	-	-	-	-	Not Occupied	26	-	-	-	-	-
27	0.5	BN/OG	2134	I	-	Right Front Side Impact Sensing Module Signal	27	0.5	BN/OG	2134	VIII	-
28	0.5	BK/OG	6629	I	-	Right Front Side Impact Sensing Module Low Reference	28	0.5	BK/OG	6629	VIII	-
29	-	-	-	-	-	Not Occupied	29	-	-	-	-	-
30	0.35	YE	6817	I	-	LED Backlight Dimming Control	30	0.35	YE	6817	VIII	-
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	32	0.35	WH/YE	7557	VIII	-
33	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	33	0.5	GN/VT	1315	VIII	-
34	0.5	BARE	2623	I	UVH	Right Side Vision Camera Video Drain Wire	34	0.35	BARE	2623	VIII	UVH

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
35	0.35	WH/BU	2627	I	UVH	Right Side Vision Camera Video Signal (+)	35	0.35	WH/BU	2627	VIII	UVH
36	0.35	GY/BU	2626	I	UVH	Right Side Vision Camera Video Signal (-)	36	0.35	GY/BU	2626	VIII	UVH
37	0.35	WH/BN	6201	I	UVH	Camera Control	37	0.35	WH/BN	6201	VIII	UVH
38	0.35	GY/GN	5996	I	-	Driver Outside Rear View Mirror Puddle Lamp Control	38	0.35	GY/GN	5996	VIII	-
39	0.35	VT/WH	3571	I	-	Passenger Door Handle Switch Signal	39	0.35	VT	3571	VIII	-
40	0.35	GY	5861	I	UKC	Passenger Side Object Detection LED Signal 1	40	0.35	GY	5861	VIII	UKC
41	0.5	BN/YE	2267	I	-	Mirror Heating Element Control	41	0.5	BN/YE	2267	VIII	-
42	0.35	GN/YE	4116	I	-	Local Interconnect Network Serial Data Bus 16 Local Interconnect Network Serial Data Bus 16	42	0.35	GN/YE	4116	VIII	-
43	0.35	BN/BK	6202	I	UVH	Camera Ground	43	0.35	BN/BK	6202	VIII	UVH
44 - 48	-	-	-	-	-	Not Occupied	44 - 48	-	-	-	-	-

X605 PASSENGER DOOR HARNESS TO PASSENGER DOOR TRIM HARNESS

Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13506916
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (BU)

Connector Part Information

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

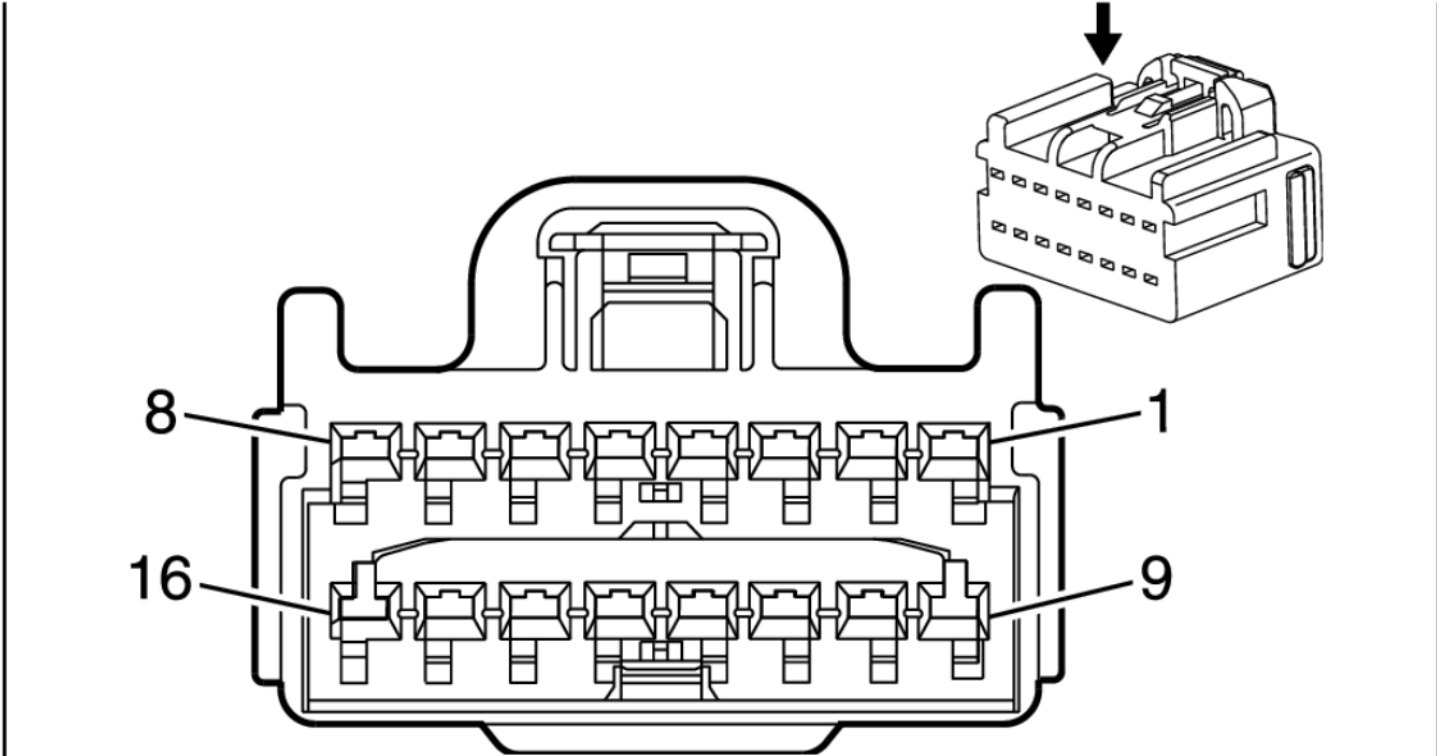
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	3413	I	-	Passenger Mirror Motor Fold Out Control	1	0.5	BK	2250	II	-
2	0.5	BU/GY	3414	I	-	Passenger Mirror Motor Fold In Control	2	-	-	-	-	-
3	0.35	BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	3	0.35	WH	3398	II	-
4	0.35	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	4	0.35	YE/VT	3397	II	-
5	0.35	VT/WH	3403	I	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	5	0.35	GN/BK	3396	II	-
6	0.35	BK/GN	3400	I	-	Passenger Mirror Position Sensor Low Reference	6	0.5	GY	157	II	-
7	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	7	0.35	GN/YE	4116	II	-
8	0.5	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	8	-	-	-	-	-
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	10	0.5	RD/VT	1940	II	-
11 - 12	-	-	-	-	-	Not Occupied	11 - 12	-	-	-	-	-
13	0.35	YE	6817	I	-	LED Backlight Dimming Control	13	0.35	YE/BK	3384	II	-
14	0.5	RD/GY	1740	I	-	Battery Positive Voltage	14	0.35	BN/YE	3385	II	-
15	0.35	BN/VT	245	I	-	Passenger Door Lock Switch Unlock Control	15	0.35	VT/GY	3386	II	-
16	0.35	YE/VT	244	I	-	Passenger Door Lock Switch Lock Control	16	-	-	-	-	-

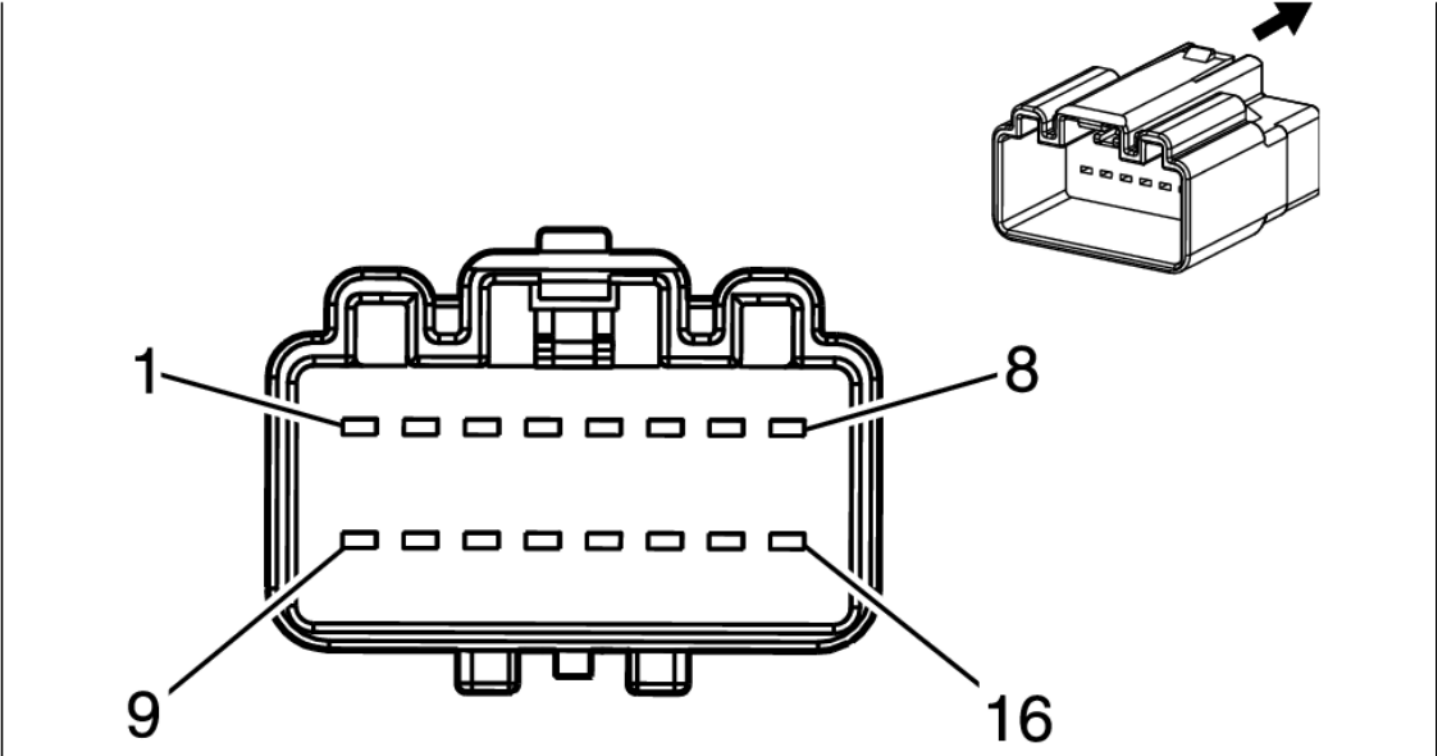
X606 PASSENGER DOOR HARNESS TO PASSENGER DOOR TRIM HARNESS

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Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)



Connector Part Information

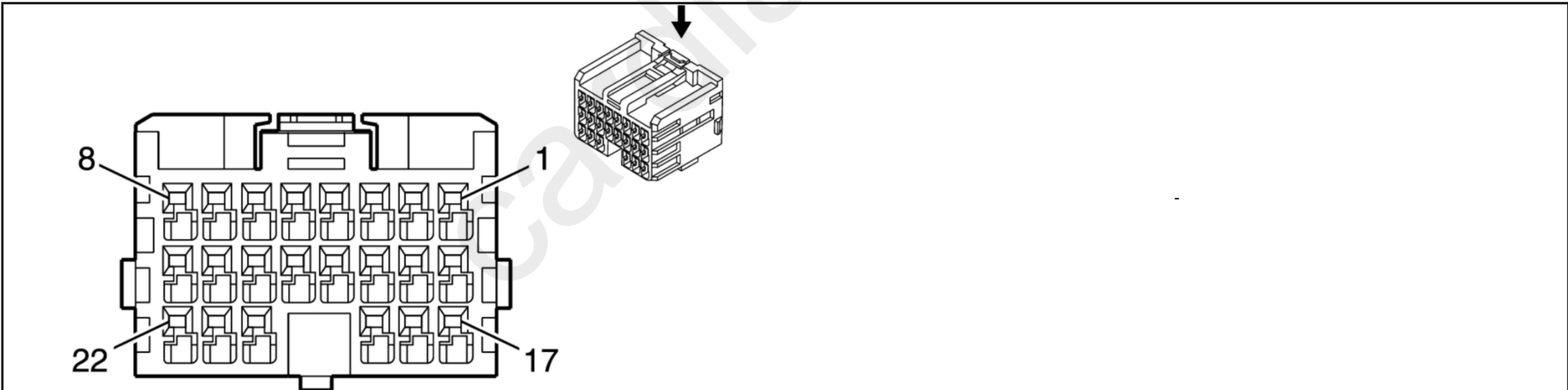
- Harness Type: Passenger Door Trim
- OEM Connector: 13507436
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 1.5 Kaizen Series (BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BK	2250	I	-	Ground	1	0.5	YE/WH	3413	II	DNP/DWR
2	-	-	-	-	-	Passenger Mirror Motor Fold In Control	2	0.5	BU/GY	3414	II	DNP/DWR
3	0.35	WH	3398	I	-	Passenger Mirror Motor Common Control	3	0.35	BU/YE	3401	II	-
4	0.35	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	4	0.35	YE/RD	3399	II	-
5	0.35	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	5	0.35	VT/WH	3403	II	-
6	0.5	GY	157	I	-	Interior Lamp Control	6	0.35	BK/D-GN	3400	II	-
7	0.35	GN/YE	4116	I	-	Local Interconnect Network Serial Data Bus 16	7	0.35	WH/YE	7557	II	-
8 - 9	-	-	-	-	-	Not Occupied	8 - 9	-	-	-	-	-
10	0.5	RD/VT	1940	I	-	Battery Positive Voltage	10	0.35	BK/BU	5978	II	-
11 - 12	-	-	-	-	-	Not Occupied	11 - 12	-	-	-	-	-
13	0.35	YE/BK	3384	I	-	Power Window Switch Passenger Up Signal	13	0.35	YE	6817	II	-
14	0.35	BN/YE	3385	I	-	Power Window Switch Passenger Down Signal	14	0.5	RD/GY	1740	II	-
15	0.35	VT/GY	3386	I	-	Power Window Switch Passenger Express Signal	15	0.35	BN/VT	245	II	-
16	-	-	-	-	-	Passenger Door Lock Switch Lock Control	16	0.35	YE/VT	244	II	-

X610 PASSENGER DOOR HARNESS TO PASSENGER OUTSIDE REARVIEW MIRROR HARNESS



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 33100834
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way F 0.64 Series (BK)

Connector Part Information

- Harness Type: Passenger Outside Rearview Mirror
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 22-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-65B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	GY/GN	5996	I	DNP/DWR	Driver Outside Rear View Mirror Puddle Lamp Control	1	0.35	GY/GN	5996	II	DNP/DWR
2	0.35	YE/WH	1690	I	DNP/DWR	Automatic Day/Night Mirror Signal	2	0.35	YE/WH	1690	II	DNP/DWR
3	0.35	BK/GN	3400	I	-	Passenger Mirror Position Sensor Low Reference	3	0.35	BK/GN	3400	II	-
4	0.35	WH/BU	2627	I	UVH	Right Side Vision Camera Video Signal (+)	4	0.35	WH/BU	2627	II	UVH
5	0.35	WH/BN	6201	I	UVH	Camera Control	5	0.35	WH/BN	6201	II	UVH
6	0.35	BN/BK	6202	I	UVH	Camera Ground	6	0.35	BN/BK	6202	II	UVH
7	0.5	YE/WH	3413	I	DNP/DWR	Passenger Mirror Motor Fold Out Control	7	0.5	YE/WH	3413	II	DNP/DWR
8	0.5	BK	2250	I	UFG/UKC	Ground	8	0.5	BK	2250	II	UFG/UKC

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
9	0.35	VT/WH	3403	I	-	Passenger Mirror Position Sensor Left (-) Right (+) Signal	9	0.35	VT/WH	3403	II	-
10	0.5	BN/YE	2267	I	-	Mirror Heating Element Control	10	0.5	BN/YE	2267	II	-
11	0.35	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	11	0.35	YE/VT	3397	II	-
12	0.5	BARE	2623	I	UVH	Right Side Vision Camera Video Drain Wire	12	0.5	BARE	2623	II	UVH
13	0.35	GY/BU	2626	I	UVH	Right Side Vision Camera Video Signal (-)	13	0.35	GY/BU	2626	II	UVH
14	0.35	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	14	0.35	GN/BK	3396	II	-
15	0.5	BK	2250	I	UFG/UKC	Ground	15	0.5	BK	2250	II	UFG/UKC
16	0.35	WH	3398	I	-	Passenger Mirror Motor Common Control	16	0.35	WH	3398	II	-
17	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	17	0.5	GN/VT	1315	II	-
18	0.35	BU/YE	3401	I	-	Passenger Mirror Position Sensor Up (+) Down (-) Signal	18	0.35	BU/YE	3401	II	-
19	0.35	GY	5861	I	UFG/UKC	Passenger Side Object Detection LED Signal 1	19	0.35	GY	5861	II	UFG/UKC
20	0.35	BK/YE	1691	I	DNP/DWR	Automatic Day/Night Mirror Low Reference	20	0.35	BK/YE	1691	II	DNP/DWR
21	0.35	YE/RD	3399	I	-	Passenger Mirror Position Sensor 5V Reference	21	0.35	YE/RD	3399	II	-
22	0.5	BU/GY	3414	I	DNP/DWR	Passenger Mirror Motor Fold In Control	22	0.5	BU/GY	3414	II	DNP/DWR

X700 LEFT REAR DOOR HARNESS TO BODY HARNESS

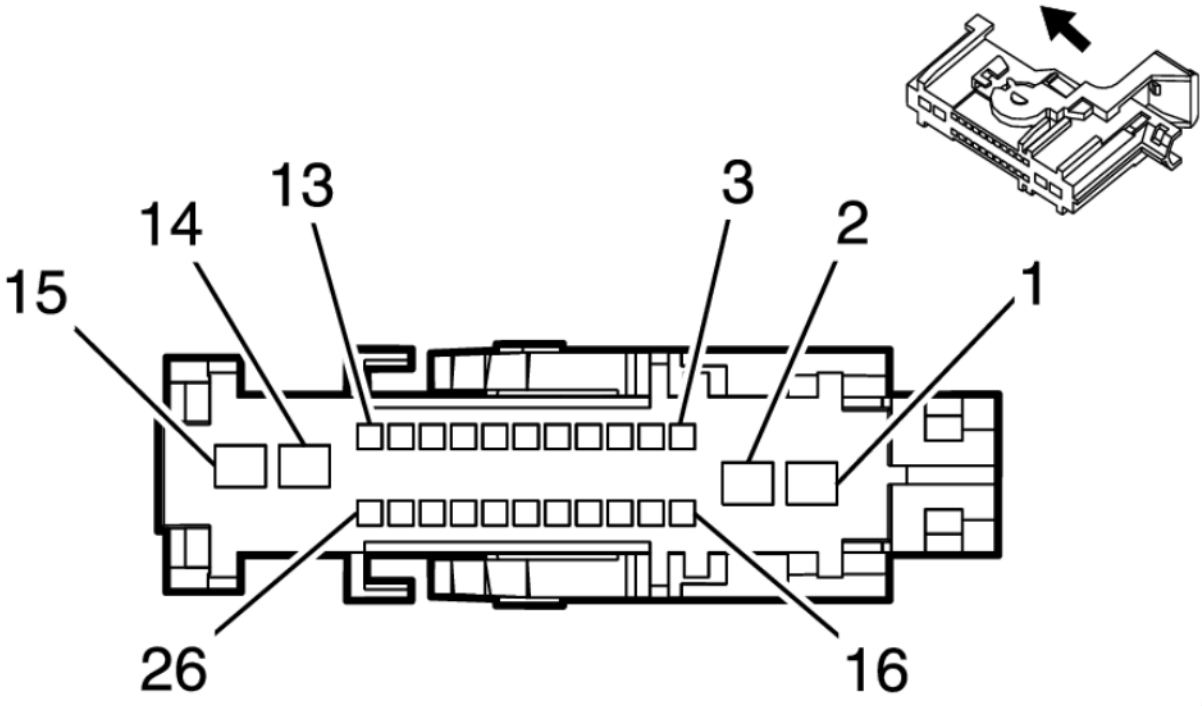


Diagram showing the Left Rear Door Connector with terminals 1 through 16 and 26. An inset shows the connector's physical shape with an arrow pointing to the top.

Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13981046
- Service Connector: Service by Harness - See Part Catalog
- Description: 26-Way F 1.2, 2.8 OCS Series (L-GY)

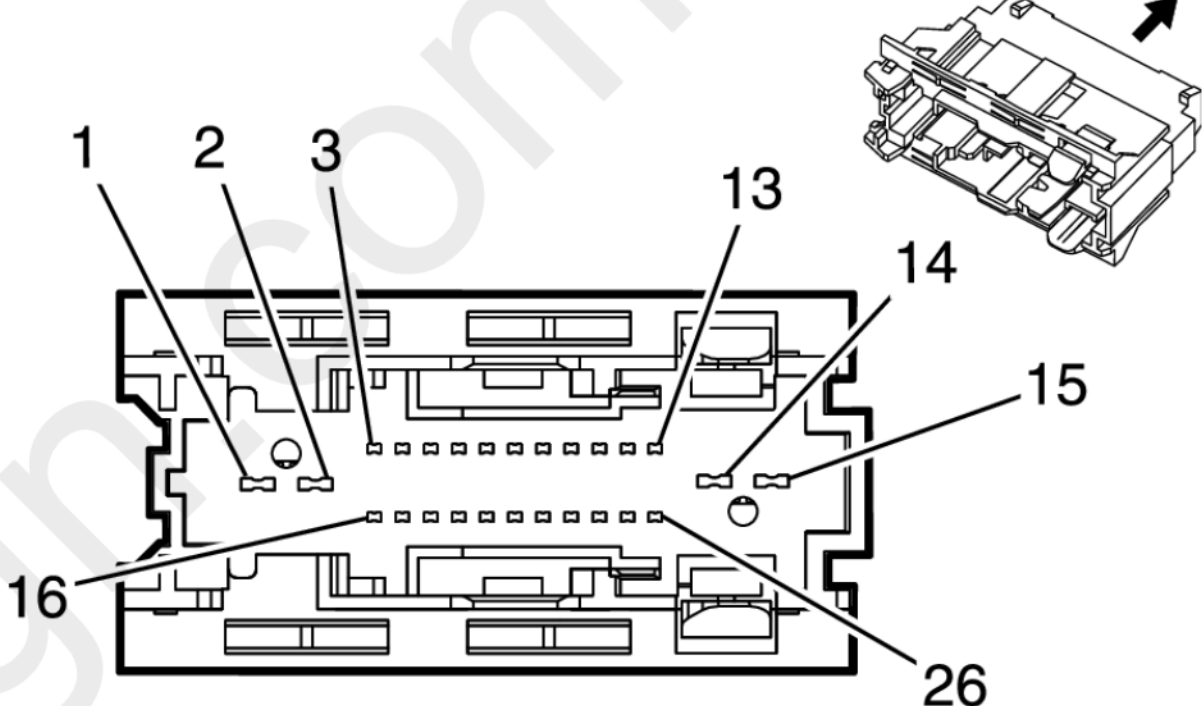


Diagram showing the Body Connector with terminals 1 through 16 and 26. An inset shows the connector's physical shape with an arrow pointing to the top.

Connector Part Information

- Harness Type: Body
- OEM Connector: 15531019
- Service Connector: 13591678
- Description: 26-Way M 1.2, 2.8 OCS 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-35616-16 (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	13575823	J-35616-5 (PU)	J-38125-11A	7114-4110-02	Yazaki 9	E	C
IV	13575823	J-35616-5 (PU)	J-38125-11A	7114-4111-02	Yazaki 9	C	A
V	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
VI	19333310	J-35616-19 (BK)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
VII	19333310	J-35616-65B (LT BU)	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	2.5	RD/BU	1842	II	-	Battery Positive Voltage Battery Positive Voltage	1	2.5	RD/BU	1842	V	-
2	2.5	BK	2350	II	-	Ground Ground	2	2.5	BK	2350	V	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	4	0.75	BN/YE	294	VII	-
5	0.5	VT/GY	5310	I	DB3	Rear Sunshade Switch Express Signal	5	0.35	VT/GY	5310	VII	DB3
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.5	WH/YE	7557	I	-	LED Ambient Lighting Control 1	7	0.35	WH/YE	7557	VII	-
8	0.35	BN/YE	6157	I	-	Left Rear Door Handle Switch Signal	8	0.35	BN/YE	6157	VII	-
9	0.35	RD/BN	7540	I	-	Battery Positive Voltage	9	0.35	RD/BN	7540	VII	-
10	0.35	GN/WH	4115	I	-	Local Interconnect Network Serial Data Bus 15	10	0.35	GN/WH	4115	VII	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	12	0.35	GN/GY	6135	VII	-
13	0.5	YE/GN	5308	I	C3U	Rear Sunshade Switch Open Signal	13	0.35	YE/GN	5308	VII	C3U
14	0.5 0.75	GN/BK GN/BK	116 116	II II	UQA/UQS UQH	Left Rear Speaker Signal (-) Left Rear Speaker Signal (-) Left Rear Speaker Signal (-)	14	0.5 1	GN/BK GN/BK	116 116	III IV	UQA/UQS UQH

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
15	0.5 0.75	GN GN	199 199	II II	UQA/UQS UQH	Left Rear Speaker Control (+)	15	0.5 1	GN GN	199 199	III IV	UQA/UQS UQH
						Left Rear Speaker Control (+)						
						Left Rear Speaker Control (+)						
						Left Rear Speaker Control (+)						
16	0.35	GY/GN	5996	I	HD7	Driver Outside Rear View Mirror Puddle Lamp Control	16	0.35	GY/GN	5996	VII	HD7
17	0.5	YE	6817	I	-	LED Backlight Dimming Control	17	0.35	YE	6817	VII	-
18 - 19	-	-	-	-	-	Not Occupied	18 - 19	-	-	-	-	-
20	0.35	VT/BN	616	I	AQ9	Memory Seat Switch Signal 2	20	0.35	VT/BN	616	VI	AQ9
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.5	GY	157	I	-	Interior Lamp Control	22	0.5	GY	157	VII	-
23 - 24	-	-	-	-	-	Not Occupied	23 - 24	-	-	-	-	-
25	0.75	GY	295	I	-	Door Lock Actuator Lock Control	25	0.75	GY	295	VII	-
26	0.75	BN	5910	I	UTT	Door Double Lock Actuator Lock Control	26	0.75	BN	5910	VII	UTT

X705 LEFT REAR DOOR HARNESS TO LEFT REAR DOOR TRIM HARNESS

Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)

Connector Part Information

- Harness Type: Left Rear Door Trim
- 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	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
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	RD/BN	7540	I	AQ9/KA6	Battery Positive Voltage	1	0.35	RD/BN	7540	III	AQ9/KA6
2	0.35	GN/WH	4115	I	KA6	Local Interconnect Network Serial Data Bus 15	2	0.35	GN/WH	4115	III	KA6
3	0.5	BK	2350	I	-	Ground	3	0.5	BK	2350	III	-
4	0.35	GY/GN	5048	I	-	Power Window Switch Left Rear Express Signal	4	0.35	GY/D-GN	5048	III	-
5	0.35	BN/BU	1187	I	-	Power Window Switch Left Rear Down Signal	5	0.35	BN/BU	1187	III	-
6	0.35	GN/GY	1185	I	-	Power Window Switch Left Rear Up Signal	6	0.35	GN/GY	1185	III	-
7	0.5	VT/GY	5310	I	DB3	Rear Sunshade Switch Express Signal	7	0.35	VT/GY	5310	III	DB3
8	0.5	WH/YE	7557	I	-	LED Ambient Lighting Control I	8	0.5	WH/YE	7557	III	-
9	0.5	YE	6817	I	-	LED Backlight Dimming Control	9	0.35	YE	6817	III	-
10	0.75	GN/BK	116	II	UQH	Left Rear Speaker Signal (-)	10	0.75	D-GN/BK	116	III	UQH
11	0.75	GN	199	II	UQH	Left Rear Speaker Control (+)	11	0.75	D-GN	199	III	UQH
12	0.5	GY	157	I	-	Interior Lamp Control	12	0.5	GY	157	III	-
13	0.5	YE/GN	5308	I	C3U	Rear Sunshade Switch Open Signal	13	0.35	YE/D-GN	5308	III	C3U
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	0.35	VT/BN	616	I	-	Memory Seat Switch Signal 2	16	0.35	VT/BN	616	III	-

X800 RIGHT REAR DOOR HARNESS TO BODY HARNESS

Connector Part Information

- Harness Type: Right Rear Door

Connector Part Information

- Harness Type: Body

• OEM Connector: 13981046 • Service Connector: Service by Harness - See Part Catalog • Description: 26-Way F 1.2, 2.8 OCS Series (L-GY)	• OEM Connector: 15531019 • Service Connector: 13591678 • Description: 26-Way M 1.2, 2.8 OCS Series (GY)
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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-35616-16 (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	13575823	J-35616-5 (PU)	J-38125-11A	7114-4111-02	Yazaki 9	C	A
IV	13575823	J-35616-5 (PU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
V	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
VI	19333310	J-35616-19 (BK)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
VII	19333310	J-35616-65B (LT BU)	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	2	RD/WH	4042	II	-	Battery Positive Voltage Battery Positive Voltage	1	2	RD/WH	4042	V	-
2	2.5	BK	2450	II	-	Ground Ground	2	2.5	BK	2450	V	-
3	-	-	-	-	-	Not Occupied	3	-	-	-	-	-
4	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	4	0.75	BN/YE	294	VII	-
5	0.5	VT/GY	5310	I	DB3	Rear Sunshade Switch Express Signal	5	0.35	VT/GY	5310	VII	DB3
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.5	WH/YE	7557	I	-	LED Ambient Lighting Control 1	7	0.35	WH/YE	7557	VII	-
8	0.35	YE/GY	6158	I	-	Right Rear Door Handle Switch Signal	8	0.35	YE/GY	6158	VII	-
9	0.35	RD/BN	7540	I	-	Battery Positive Voltage	9	0.35	RD/BN	7540	VII	-
10	0.35	GN/WH	4115	I	-	Local Interconnect Network Serial Data Bus 15	10	0.35	GN/WH	4115	VII	-
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	GN/GY	6135	I	-	Local Interconnect Network Serial Data Bus 4	12	0.35	GN/GY	6135	VII	-
13	0.5	YE/GN	5308	I	C3U	Rear Sunshade Switch Open Signal	13	0.35	YE/GN	5308	VII	C3U
14	0.5 0.75	BU/BK BU/BK	115 115	II II	UQA/UQS UQH	Right Rear Speaker Signal (-) Right Rear Speaker Signal (-)	14	1 0.75	BU/BK BU/BK	115 115	III IV	UQH UQA-HP9
15	0.5 0.75	WH WH	46 46	II II	UQA/UQS UQH	Right Rear Speaker Control (+) Right Rear Speaker Control (+)	15	1 0.75	WH WH	46 46	III IV	UQH UQA-HP9
16	0.35	GY/GN	5996	I	HD7	Driver Outside Rear View Mirror Puddle Lamp Control	16	0.35	GY/GN	5996	VII	HD7
17	0.5	YE	6817	I	-	LED Backlight Dimming Control	17	0.35	YE	6817	VII	-
18 - 19	-	-	-	-	-	Not Occupied	18 - 19	-	-	-	-	-
20	0.35	WH	615	I	AQ9	Memory Seat Switch Signal 1	20	0.35	WH	615	VI	AQ9
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.5	GY	157	I	-	Interior Lamp Control	22	0.5	GY	157	VII	-
23 - 24	-	-	-	-	-	Not Occupied	23 - 24	-	-	-	-	-
25	0.75	GY	295	I	-	Door Lock Actuator Lock Control	25	0.75	GY	295	VII	-
26	0.75	BN	5910	I	UTT	Door Double Lock Actuator Lock Control	26	0.75	BN	5910	VII	UTT

X805 RIGHT REAR DOOR HARNESS TO RIGHT REAR DOOR TRIM HARNESS

Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 10847013
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.5 Kaizen Series (GN)

Connector Part Information

- Harness Type: Right Rear Door Trim
- OEM Connector: 13507433
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 1.5 Kaizen Series (GN)

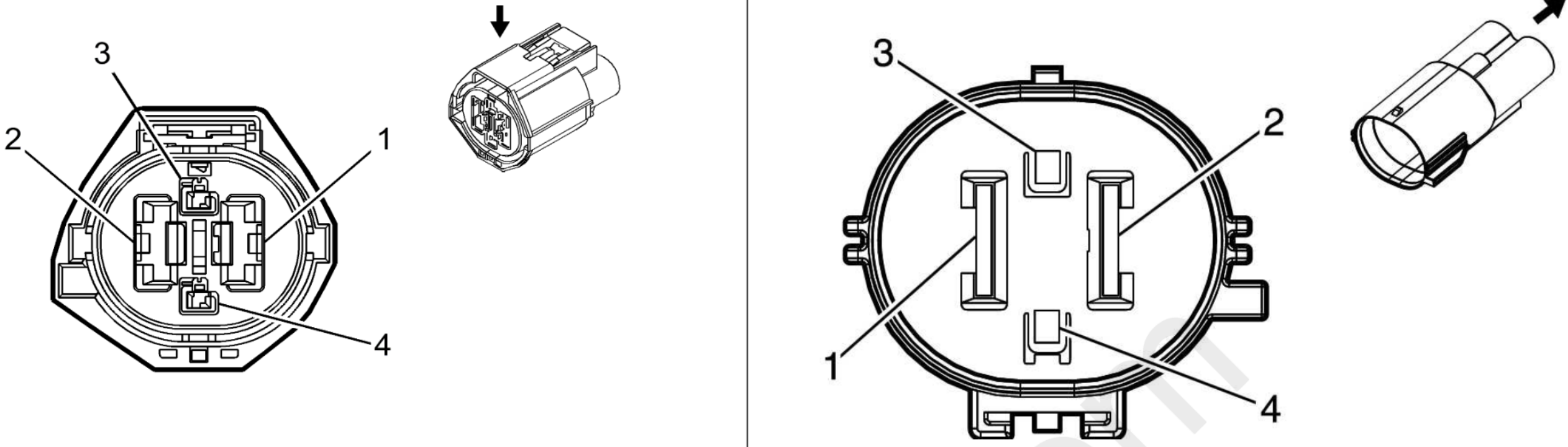
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
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	RD/BN	7540	I	AQ9/KA6	Battery Positive Voltage	1	0.35	RD/BN	7540	III	AQ9/KA6
2	0.35	GN/WH	4115	I	KA6	Local Interconnect Network Serial Data Bus 15	2	0.35	GN/WH	4115	III	KA6
3	0.5	BK	2450	I	-	Ground	3	0.5	BK	2450	III	-
4	0.35	WH/GN	5049	I	-	Power Window Switch Right Rear Express Signal	4	0.35	WH/D-GN	5049	III	-

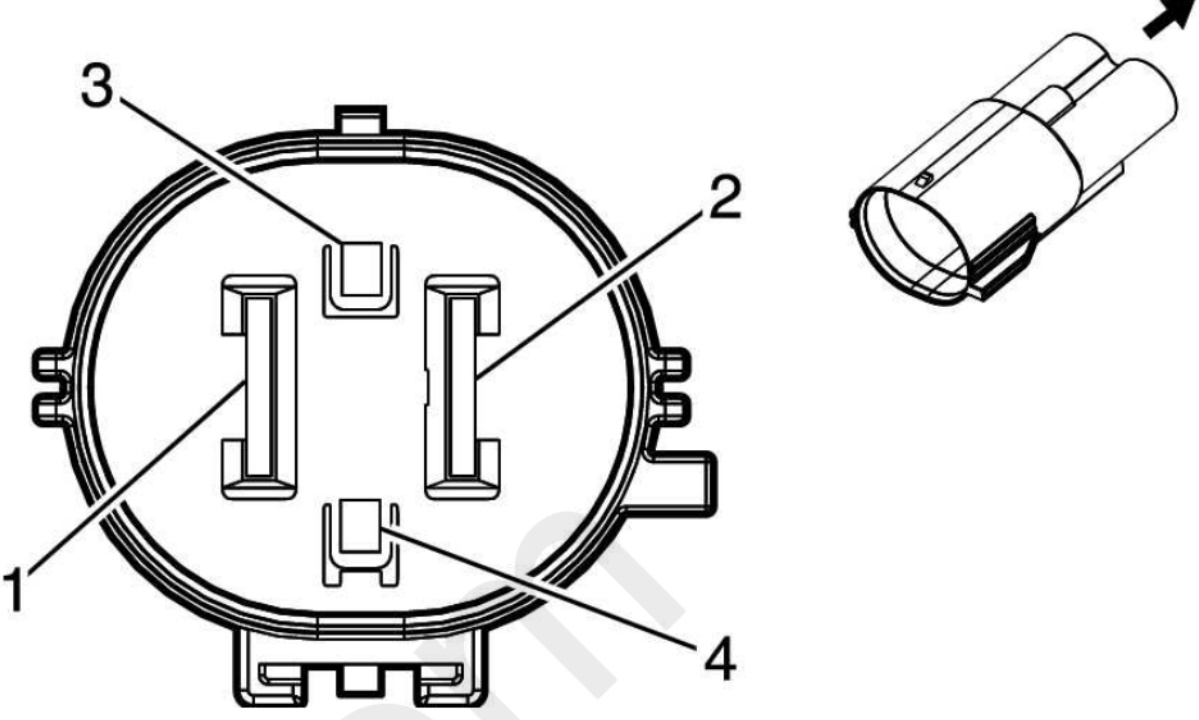
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
5	0.35	BN/BU	1188	I	-	Power Window Switch Right Rear Down Signal	5	0.35	BN/BU	1188	III	-
6	0.35	GN/GY	1186	I	-	Power Window Switch Right Rear Up Signal	6	0.35	GN/GY	1186	III	-
7	0.5	VT/GY	5310	I	DB3	Rear Sunshade Switch Express Signal	7	0.35	VT/GY	5310	III	DB3
8	0.5	WH/YE	7557	I	-	LED Ambient Lighting Control 1	8	0.5	WH/YE	7557	III	-
9	0.5	YE	6817	I	-	LED Backlight Dimming Control	9	0.35	YE	6817	III	-
10	0.75	BU/BK	115	II	UQH	Right Rear Speaker Signal (-)	10	0.75	BU/BK	115	III	UQH
11	0.75	WH	46	II	UQH	Right Rear Speaker Control (+)	11	0.75	WH	46	III	UQH
12	0.5	GY	157	I	-	Interior Lamp Control	12	0.5	GY	157	III	-
13	0.5	YE/GN	5308	I	C3U	Rear Sunshade Switch Open Signal	13	0.35	YE/D-GN	5308	III	C3U
14 - 15	-	-	-	-	-	Not Occupied	14 - 15	-	-	-	-	-
16	0.35	WH	615	I	-	Memory Seat Switch Signal 1	16	0.35	WH	615	III	-

X900 BODY HARNESS TO REAR AXLE HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13672582
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5, 9.5 Series, Sealed (BN)



Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 15538963
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5, 9.5 Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-21 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

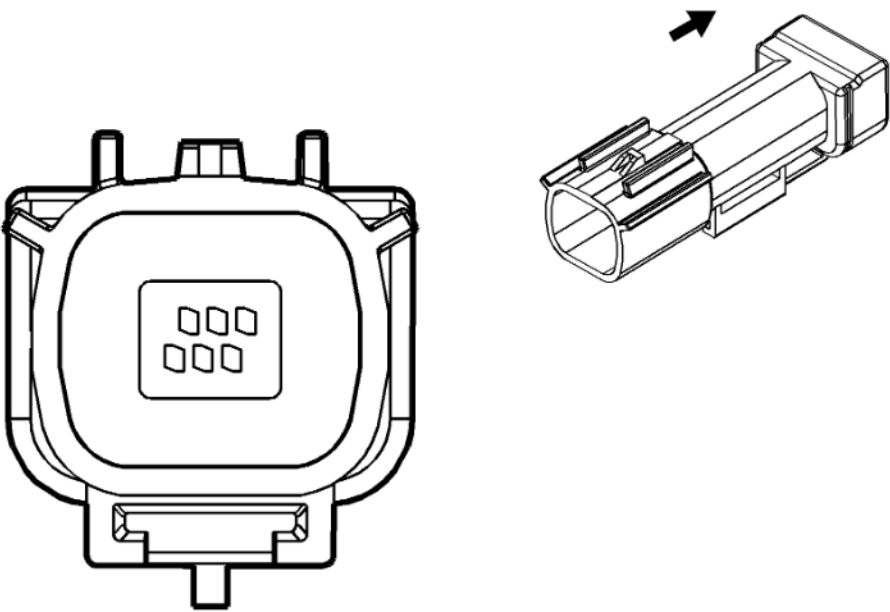
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	10	BK	3250	I	-	Ground	1	10	BK	3250	II	-
2	10	RD/GN	742	I	-	Battery Positive Voltage	2	10	RD/GN	742	II	-
3 - 4	-	-	-	-	-	Not Occupied	3 - 4	-	-	-	-	-

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Inline Harness Connector End Views - CT6

INLINE HARNESS CONNECTOR END VIEWS

X103 FRONT FASCIA HARNESS LVDS TO FRONT FASCIA HARNESS LVDS (UV3)



Connector Part Information

- Harness Type: Front Fascia LVDS
- OEM Connector: 13581666
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way F HSAL-2 Series (BK)

Connector Part Information

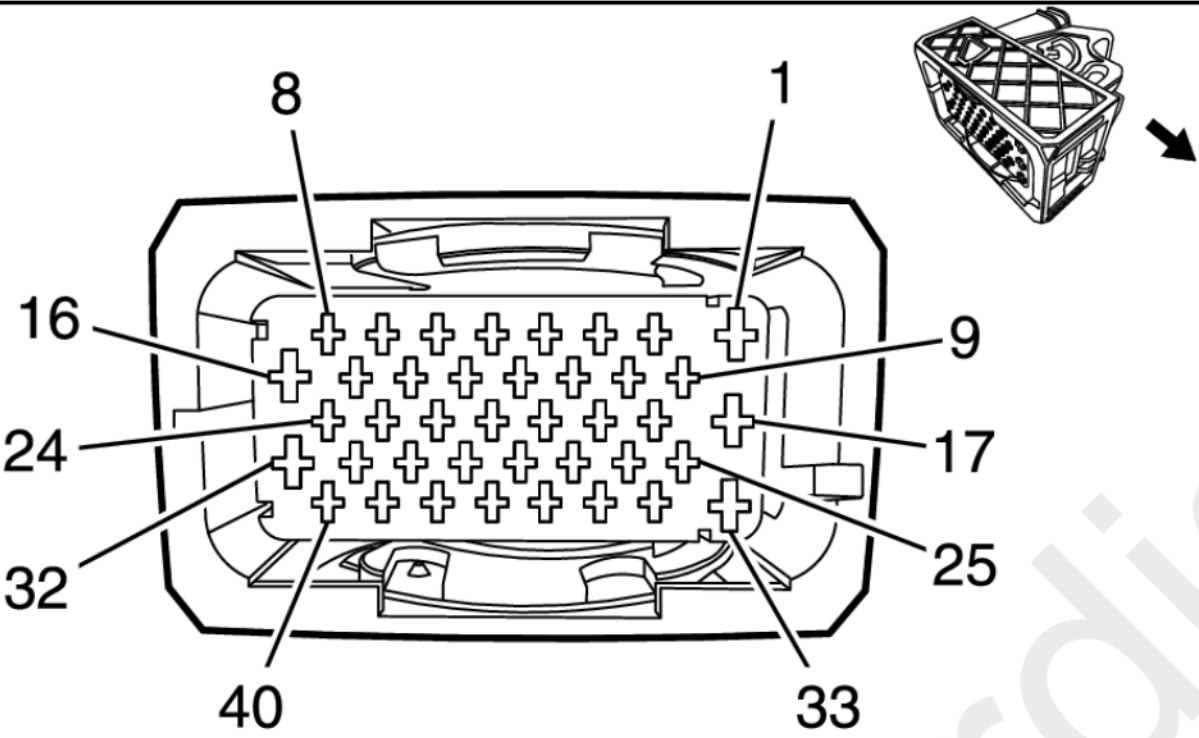
- Harness Type: Front Fascia LVDS
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 6-Way M

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

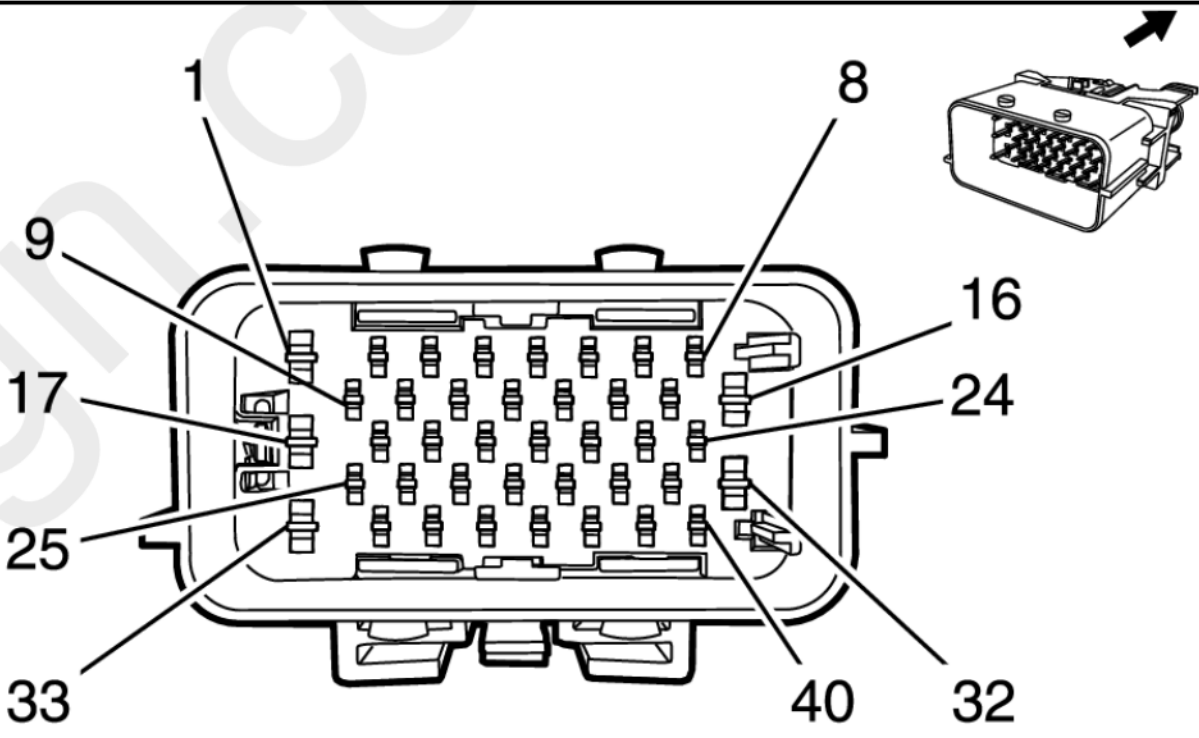
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	LVDS	-	I	-	Night Vision Signal	-	-	LVDS	-	I	-

X105 FRONT FASCIA HARNESS TO FORWARD LAMP HARNESS



Connector Part Information

- Harness Type: Front Fascia
- OEM Connector: 13603185
- Service Connector: Service by Harness - See Part Catalog
- Description: 40-Way F 1.5, 2.8 Series, Sealed (BK)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13603208
- Service Connector: 13576551
- Description: 40-Way M 1.5 DSQ, 2.8 ATS Series, Sealed (BK)

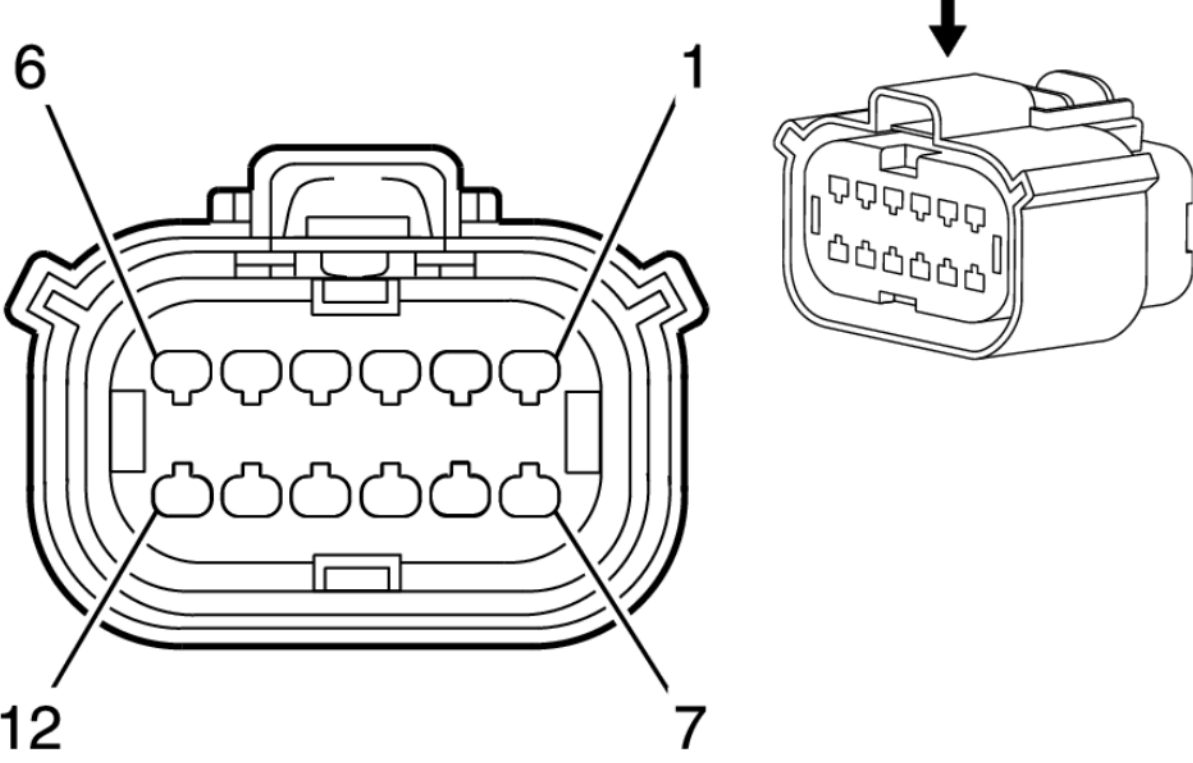
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13581368	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	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	-	-	-	-	-	Not Occupied	1	-	-	-	-	-
2	0.35	GY/BU	2164	I	-	FlexRay Communication Enable	2	0.35	GY/BU	2164	IV	-
3	0.35	VT/WH	5215	I	-	Front Parking Left Corner Sensor	3	0.35	VT/WH	5215	IV	-
4	0.35	YE/GY	5216	I	-	Front Parking Left Mid Sensor	4	0.35	YE/GY	5216	IV	-
5	0.35	WH/GY	5217	I	-	Front Parking Right Corner Sensor	5	0.35	WH/GY	5217	IV	-
6	0.35	VT/GY	5218	I	-	Front Parking Right Mid Sensor	6	0.35	VT/GY	5218	IV	-
7	0.35	BK/BU	5214	I	-	Front Parking Sensor Low Reference	7	0.35	BK/BU	5214	IV	-
8	0.35	GN	6201	I	UVH	Camera Control	8	0.35	GN	6201	IV	-
9	0.35	WH/BN	9773	I	UVH	-	9	0.35	WH/BN	9773	IV	UVH
10	0.35	GY/YE	9772	I	UVH	-	10	0.35	GY/YE	9772	IV	UVH
11	0.5	WH	9774	I	-	-	11	0.5	WH	9774	III	UVH
12	0.5	RD/WH	7240	I	UGN	Battery Positive Voltage	12	0.5	RD/WH	7240	III	UGN
13	0.35	BN/BK	6202	I	UVH	Camera Ground	13	0.35	BN/BK	6202	IV	UVH
14	0.35	BN	6581	I	-	Front Parking Aid Display Control	14	0.35	BN	6581	IV	-
15	0.35	GY/VT	3808	I	UGN	Front Object Sensor Control 2	15	0.35	GY/VT	3808	IV	UGN
16	0.5	VT/GY	709	II	-	Left Park Lamp Control	16	0.5	VT/GY	709	V	-
17	0.5	GY/BN	309	II	-	Right Park Lamp Control	17	0.5	GY/BN	309	V	-
18	0.5	YE/GY	57	I	T87	Left Cornering Lamp Control	18	0.5	YE/GY	57	III	T87
19	0.5	YE/WH	58	I	T87	Right Cornering Lamp Control	19	0.5	YE/WH	58	III	T87
20	0.5	BK	550	I	-	Ground	20	0.5	BK	550	III	-
21	0.35	GY	3154	I	UFQ	Left Front Supplemental Object Sensor Signal	21	0.35	GY	3154	IV	UFQ

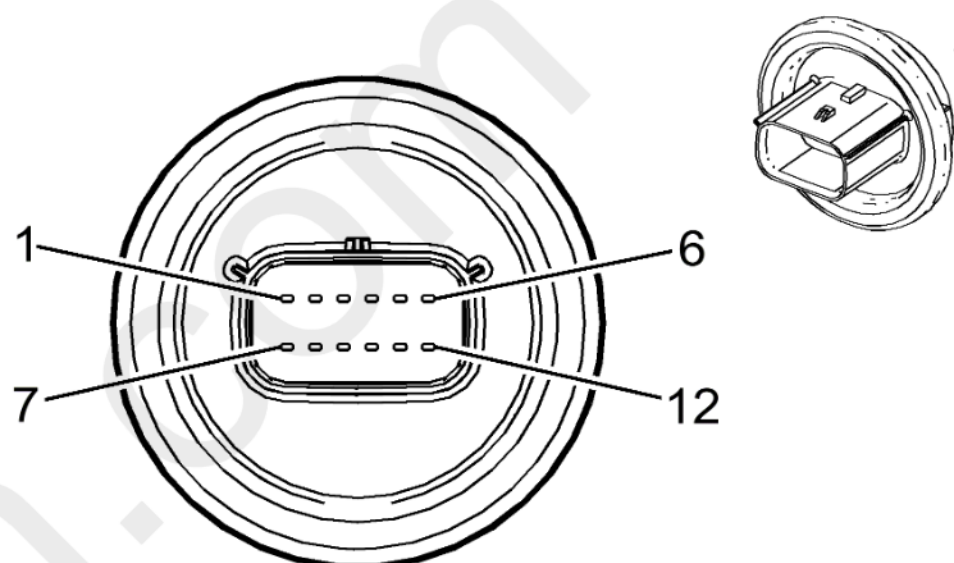
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
22	0.35	GN	3155	I	UFQ	Right Front Supplemental Object Sensor Signal	22	0.35	GN	3155	IV	UFQ
23	0.5	GN/BN	4714	I	-	FlexRay Serial Data (+) (4)	23	0.5	GN/BN	4714	III	-
24	0.5	WH	4715	I	-	FlexRay Serial Data (-) (4)	24	0.5	WH	4715	III	-
25	0.35	BU/VT	3813	I	UGN+UVZ	High Speed GMLAN Serial Data (+) 4	25	0.5	BU/VT	3813	III	-
26	0.35	WH	3811	I	-	High Speed GMLAN Serial Data (-) 4	26	0.5	WH	3811	III	-
27	0.35	BU/VT	3813	I	-	High Speed GMLAN Serial Data (+) 4	27	0.5	BU/VT	3813	III	-
28	0.35	WH	3811	I	-	High Speed GMLAN Serial Data (-) 4	28	0.5	WH	3811	III	-
29	0.5	GN/BN	4714	I	-	FlexRay Serial Data (+) (4)	29	0.5	GN/BN	4714	III	-
30	0.5	WH	4715	I	-	FlexRay Serial Data (-) (4)	30	0.5	WH	4715	III	-
31	0.5	BN/YE	4038	I	B3T	Pedestrian Protection Safing Sensor Module Signal	31	0.5	BN/YE	4038	VI	B3T
32	0.5	BU/VT	3813	II	-	High Speed GMLAN Serial Data (+) 4	32	0.5	BU/VT	3813	V	-
33	0.5	WH	3811	II	-	High Speed GMLAN Serial Data (-) 4	33	0.5	WH	3811	V	-
34	0.5	RD/WH	8040	I	-	Battery Positive Voltage	34	0.5	RD/WH	8040	III	-
35	-	-	-	-	-	Not Occupied	35	-	-	-	-	-
36	0.35	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	36	0.35	BK/BU	61	IV	-
37	0.35	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	37	0.35	BU/GY	636	IV	-
38	0.5	OG/VT	4034	I	B3T	Pedestrian Protection Impact Sensing Module Signal	38	0.5	OG/VT	4034	VI	B3T
39	0.5	BN/WH	4035	I	B3T	Pedestrian Protection Impact Sensing Module Low Reference	39	0.5	BN/WH	4035	VI	B3T
40	0.5	BK/VT	4045	I	B3T	Pedestrian Protection Safing Sensor Module Low Reference	40	0.5	BK/VT	4045	VI	B3T

X110 FORWARD LAMP HARNESS TO LEFT HEADLAMP HARNESS



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13528600
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

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

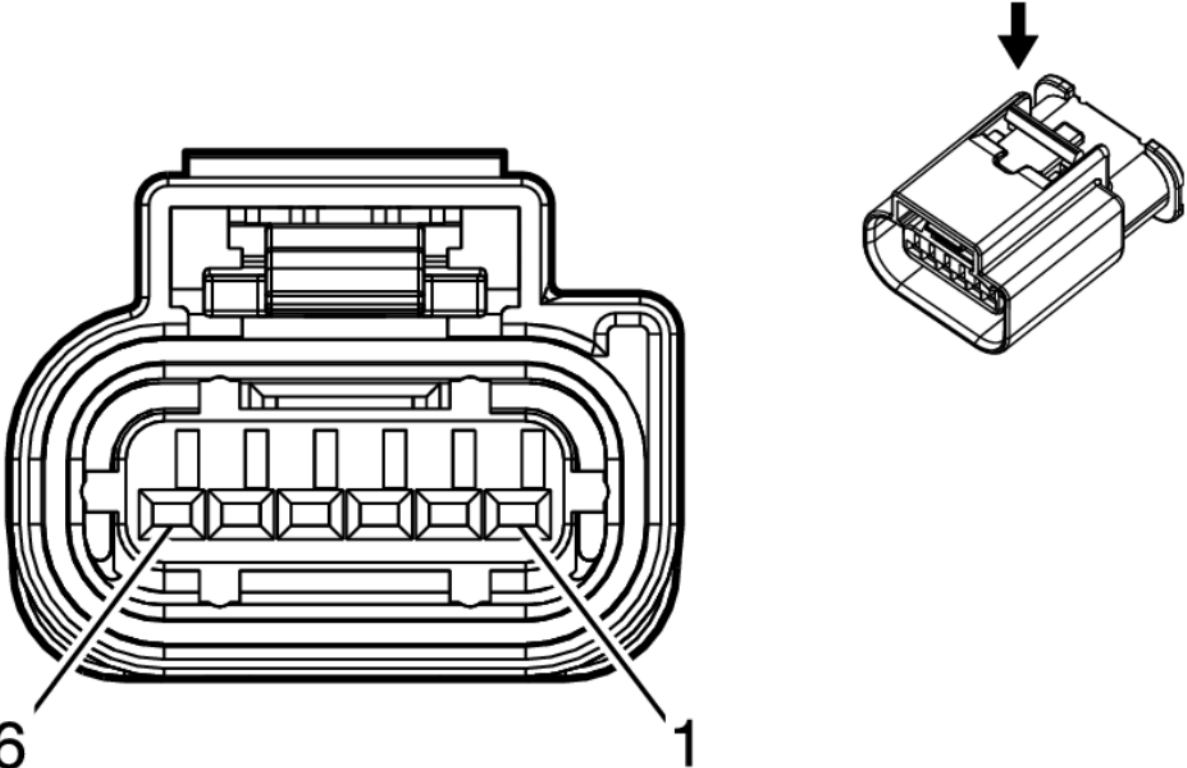
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	BK/WH	550	I	-	Ground	1	1	BK/WH	550	III	-
2	0.5	YE	712	II	-	Left Headlamp Low Beam Control	2	0.5	YE	712	III	-
3	0.5	WH	711	II	-	Left Headlamp High Beam Control	3	0.5	WH	711	III	-
4	0.5	BK	550	II	-	Ground	4	0.5	BK	550	III	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.5	BU/WH	1314	II	-	Left Front Turn Signal Lamp Control	6	0.5	BU/WH	1314	III	-
7	0.5	GY/BU	7538	II	-	Left Front DRL Control	7	0.5	GY/BU	7538	III	-
8	0.5	VT/BK	6568	II	-	Front Turn Lamp Feedback Signal	8	0.5	VT/BK	6568	III	-
9	0.5	BK	550	II	TR7	Ground	9	0.5	BK	550	III	TR7
10	0.75	VT/GY	139	I	-	Run/Crank Ignition 1 Voltage	10	0.75	VT/GY	139	III	-
11	0.35	GN/BN	7529	II	TR7	Local Interconnect Network Serial Data Bus 7	11	0.35	GN/BN	7529	III	TR7
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-

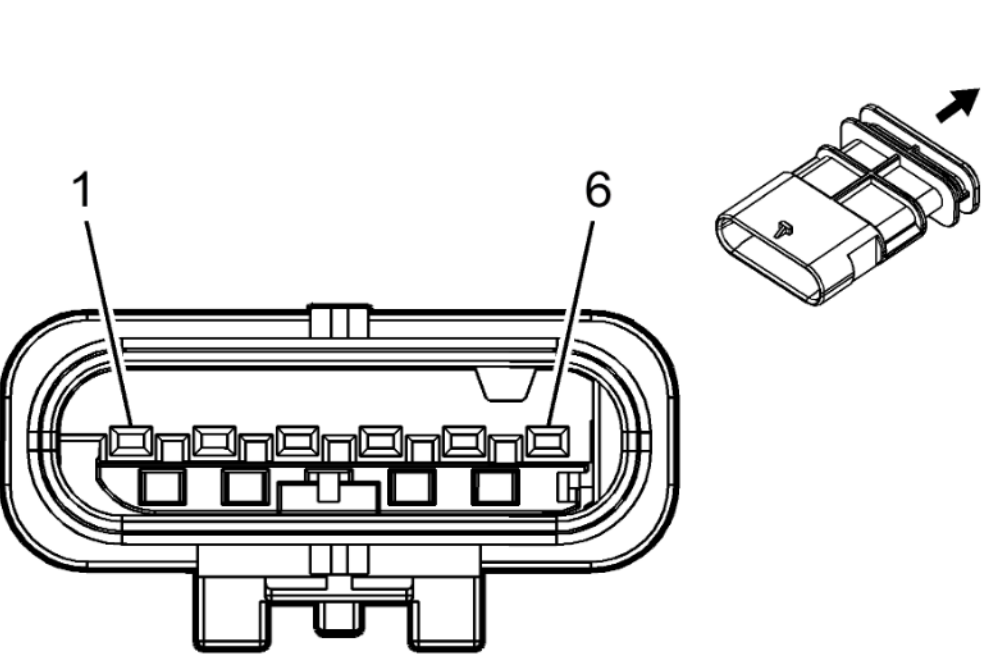
X115 ENGINE HARNESS TO THROTTLE BODY JUMPER HARNESS (LGW)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 33220833
- Service Connector: 19352911
- Description: 6-Way F 1.2 MCON Series, Sealed (BK)



Connector Part Information

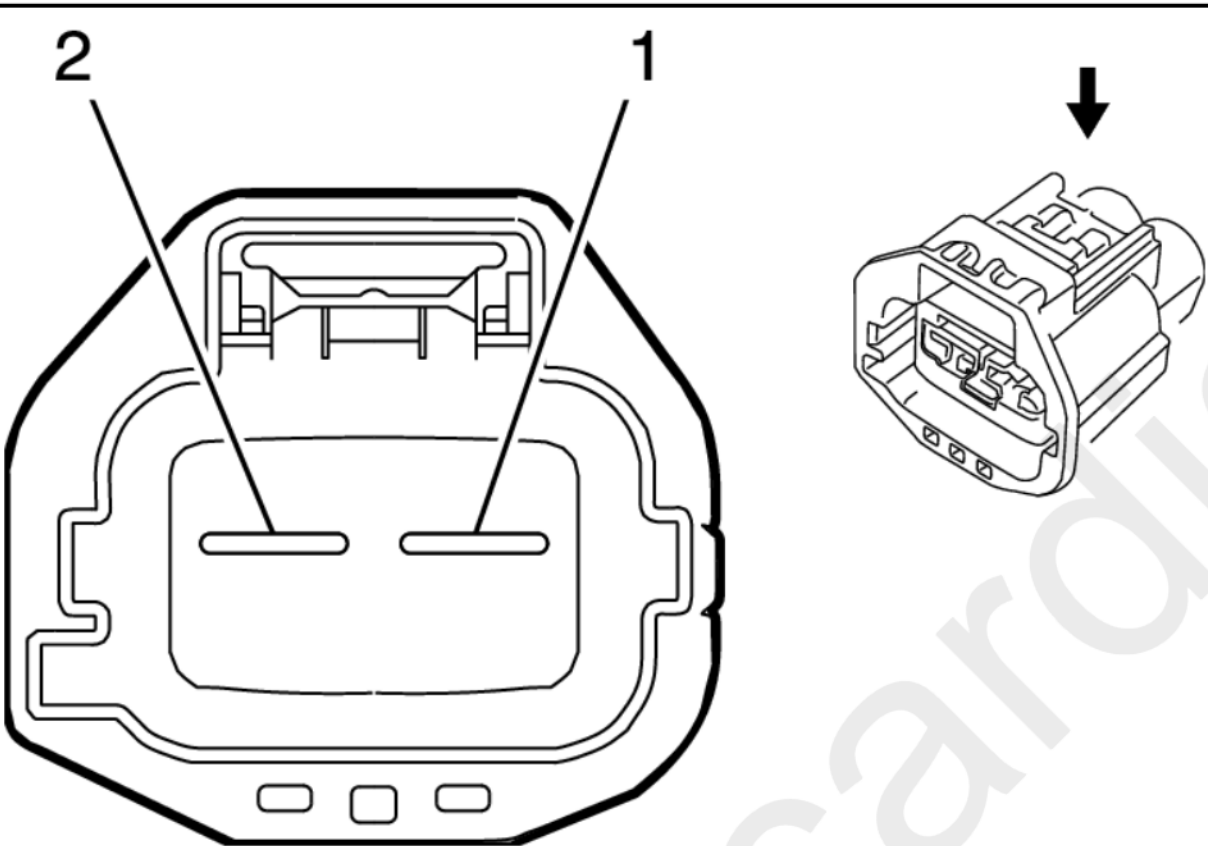
- Harness Type: Throttle Body Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

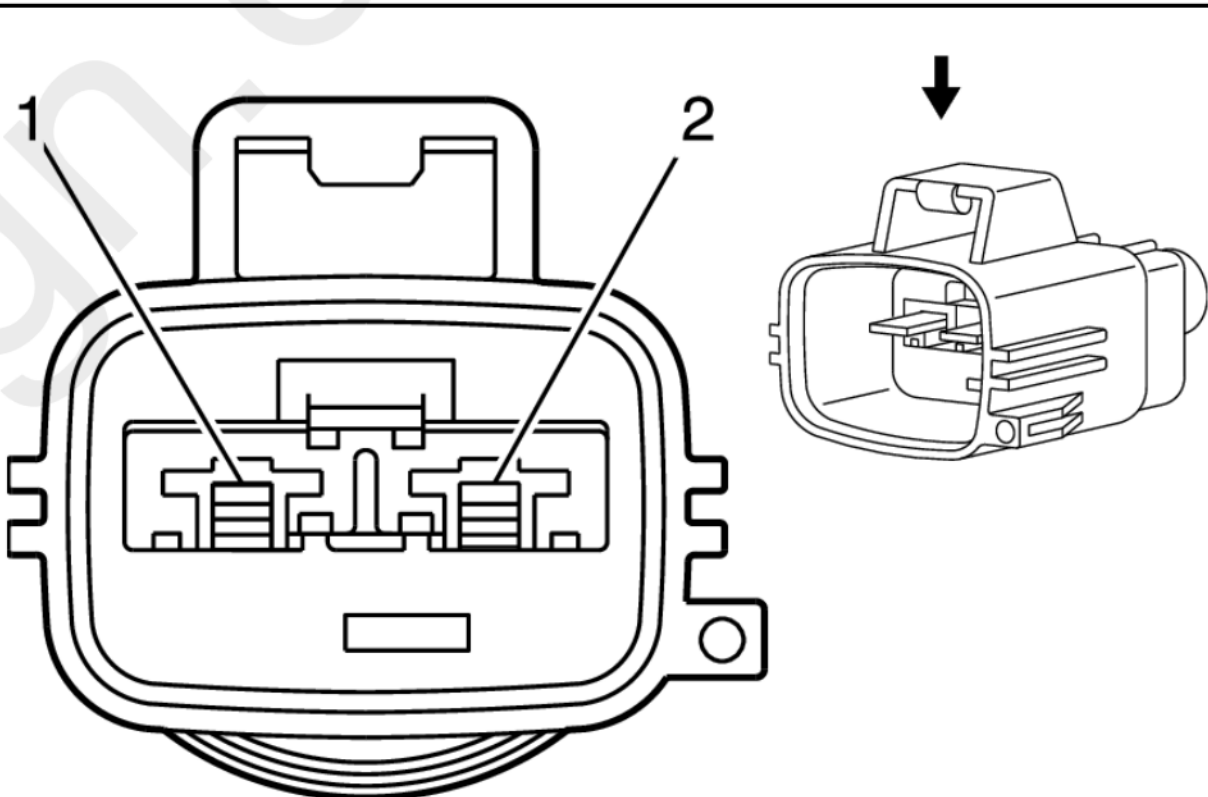
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	YE	581	I	-	Throttle Actuator Control Open	1	0.5	YE	581	II	-
2	0.5	BN/WH	582	I	-	Throttle Actuator Control Close	2	0.5	BN/WH	582	II	-
3	0.5	BU/WH	3630	I	-	Throttle Position Sensor (SENT1) Signal	3	0.5	BU/WH	3630	II	-
4	0.5	BK/BN	2752	I	-	Throttle Position Sensor Low Reference	4	0.5	BK/BN	2752	II	-
5	0.5	BN/RD	2701	I	-	Throttle Position Sensor 5V Reference	5	0.5	BN/RD	2701	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-

X116 STARTER MOTOR JUMPER HARNESS TO ENGINE HARNESS (LGW)



Connector Part Information

- Harness Type: Starter Motor Jumper
- OEM Connector: -
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F



Connector Part Information

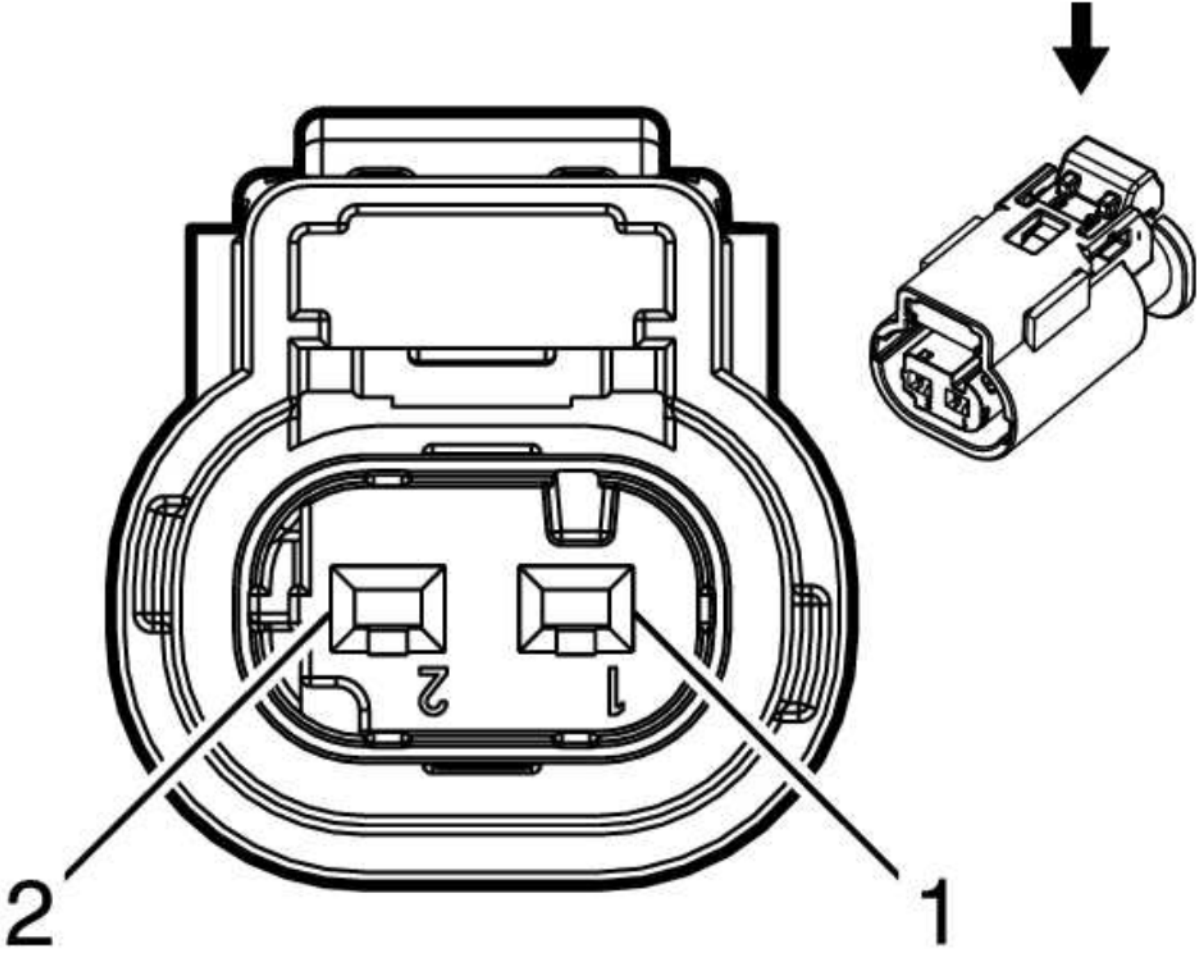
- Harness Type: Engine
- OEM Connector: 15425573
- Service Connector: 88953304
- Description: 2-Way M 6.3 Weather Pack Series (D-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-43 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

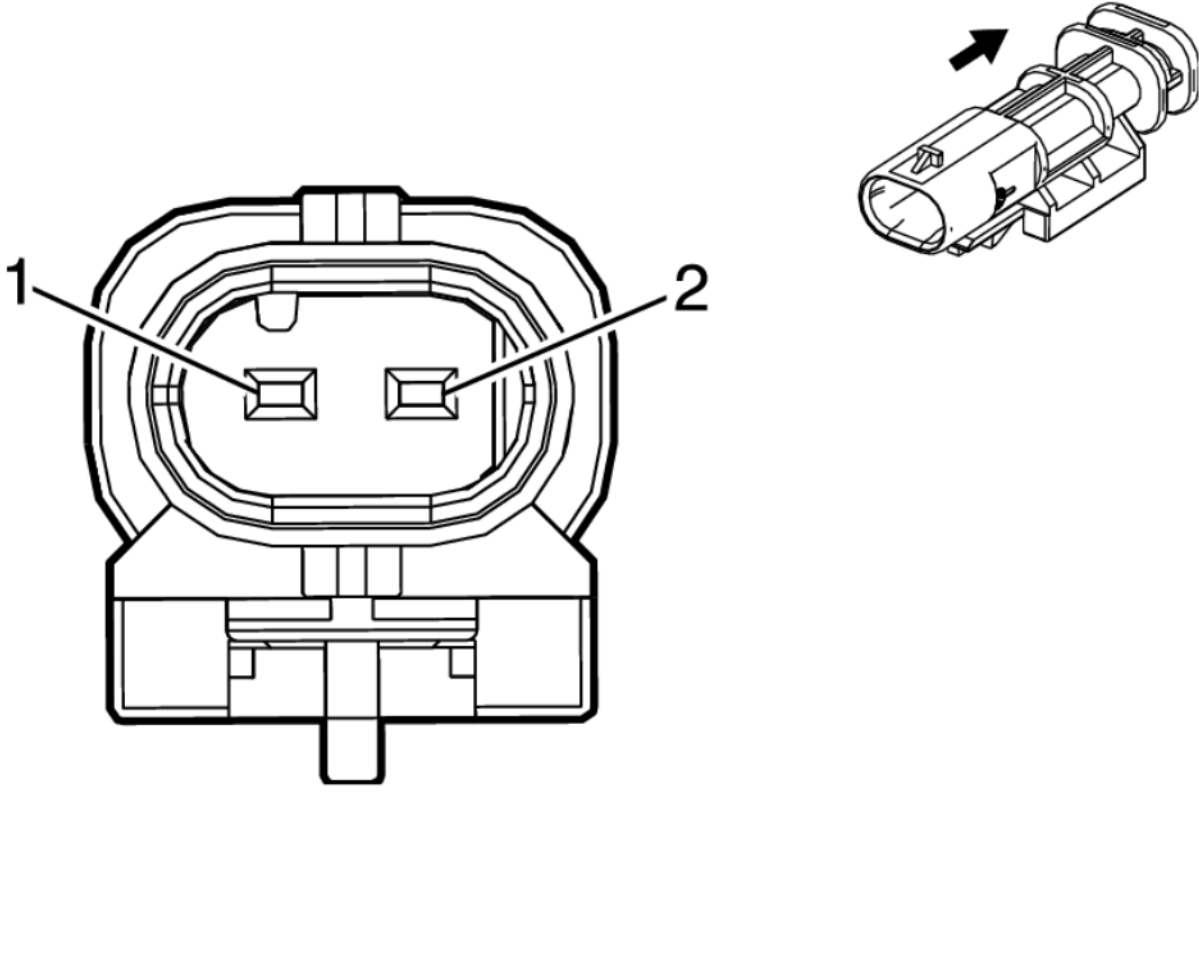
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	YE	6	I	-	Starter Solenoid Crank Ignition Voltage	1	2.5	YE	6	II	-
2	2.5	YE/L-GN	4358	I	-	Starter Pinion Solenoid Voltage	2	2.5	YE/L-GN	4358	II	-

X117 ENGINE HARNESS TO ENGINE OIL LEVEL SWITCH JUMPER HARNESS (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)



Connector Part Information

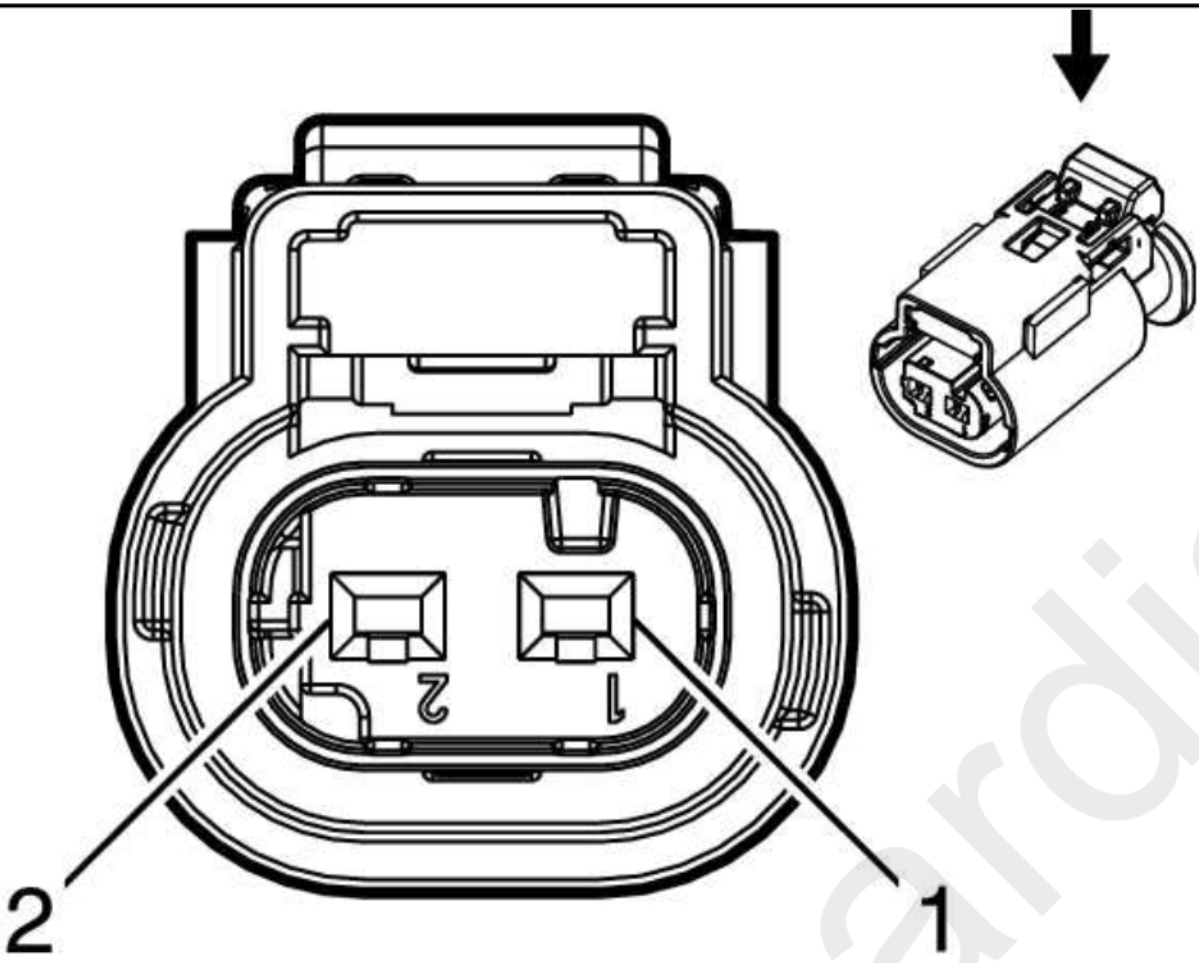
- Harness Type: Engine Oil Level Switch Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

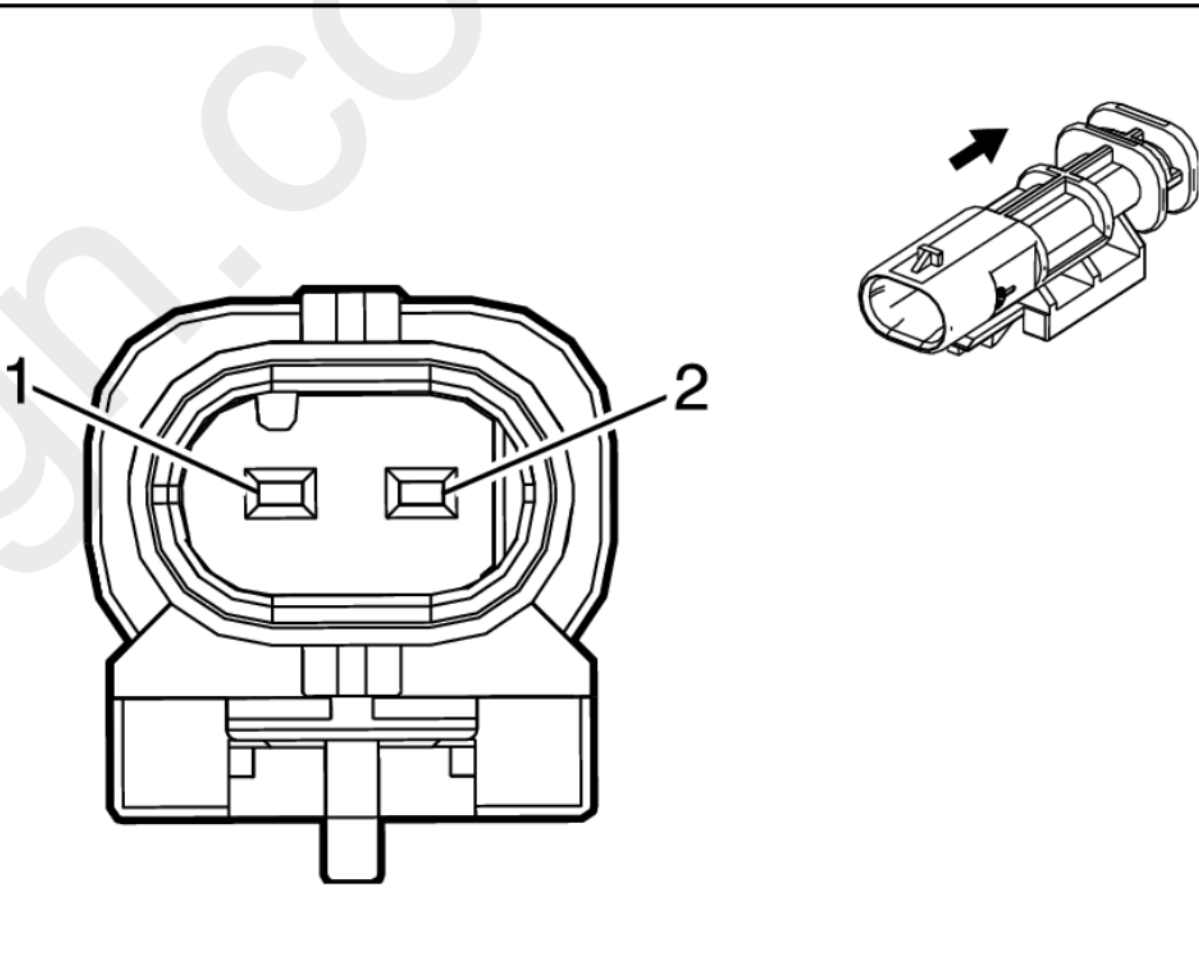
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BN/GN	1174	I	-	Oil Level Switch Signal	1	0.5	BN/GN	1174	II	-
2	0.5	BK/WH	451	I	-	Signal Ground	2	0.5	BK/WH	451	II	-

X118 ENGINE HARNESS TO ENGINE OIL PRESSURE CONTROL SOLENOID VALUE JUMPER HARNESS (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)



Connector Part Information

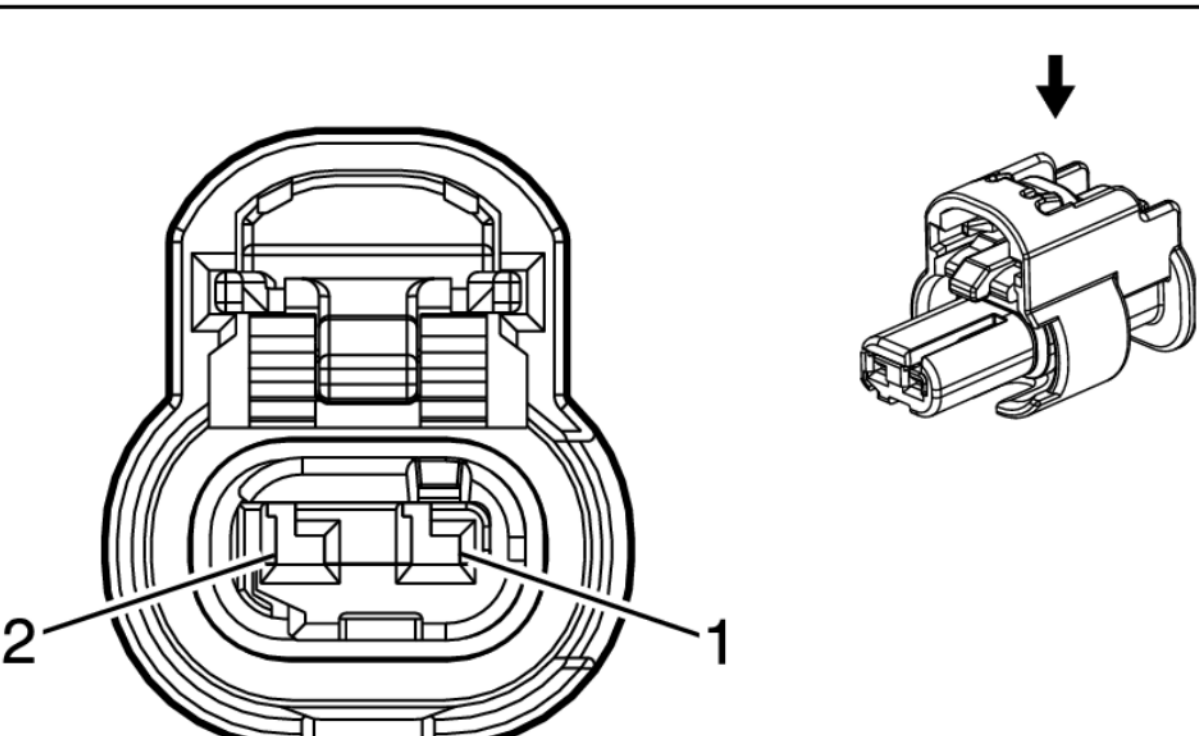
- Harness Type: Engine Oil Pressure Control Solenoid Value Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

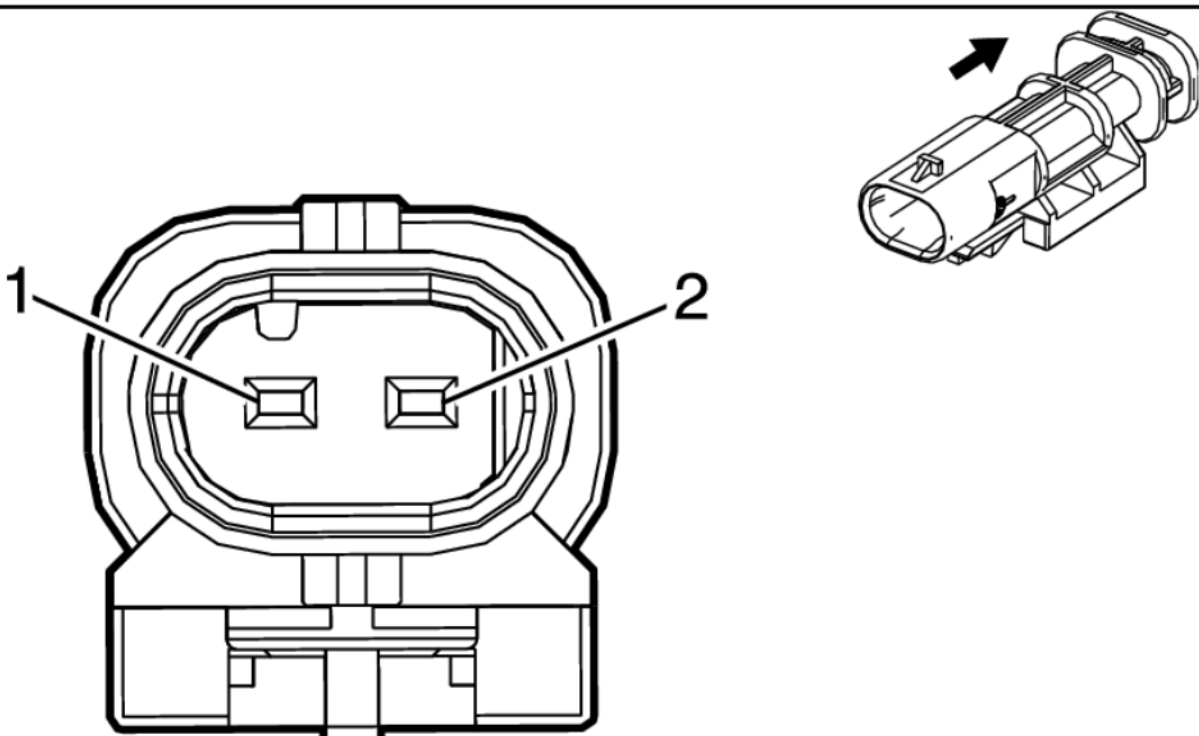
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/BU	5293	I	-	Powertrain Main Relay Fused Supply 4	1	0.5	VT/BU	5293	II	-
2	0.5	BU	179	I	-	Oil Pump Command Signal	2	0.5	BU	179	II	-

X119 ENGINE HARNESS TO ENGINE COOLANT TEMPERATURE SENSOR JUMPER HARNESS (LGW/LGX)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13735326
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)



Connector Part Information

- Harness Type: Engine Oil Pressure Control Solenoid Value Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Connector Part Information

- Harness Type: Engine
- OEM Connector: 33121579
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

Connector Part Information

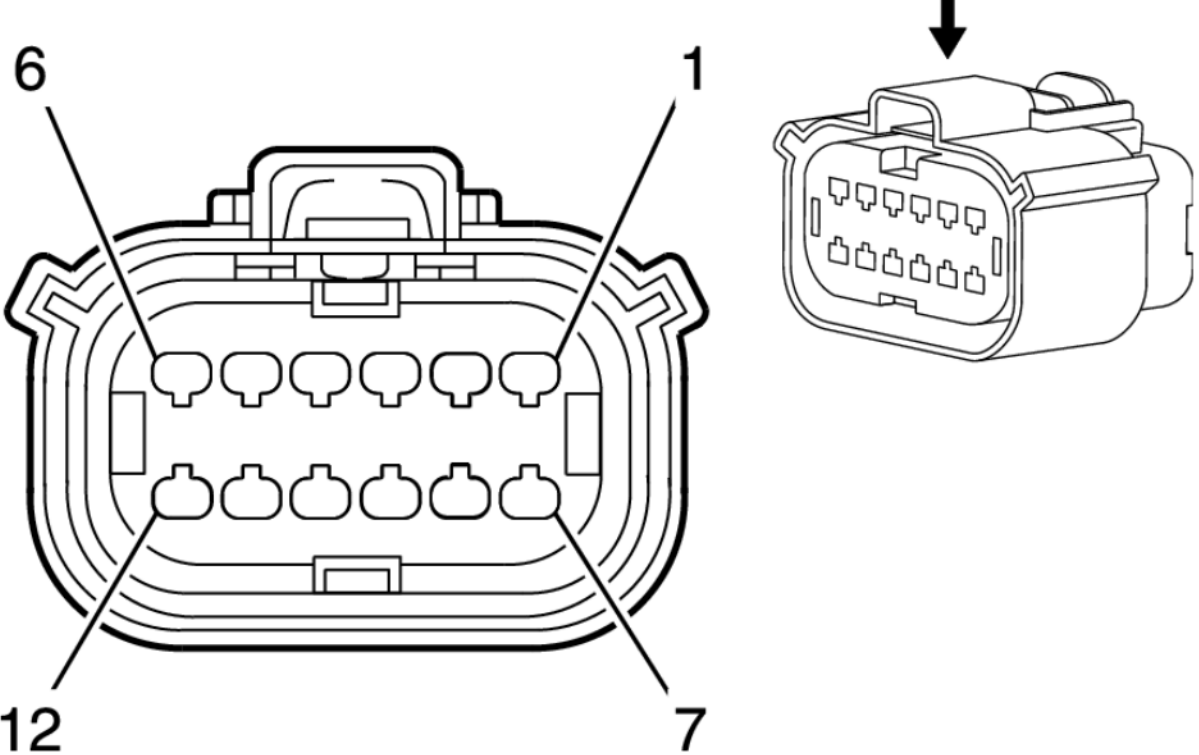
- Harness Type: Engine Coolant Temperature Sensor Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

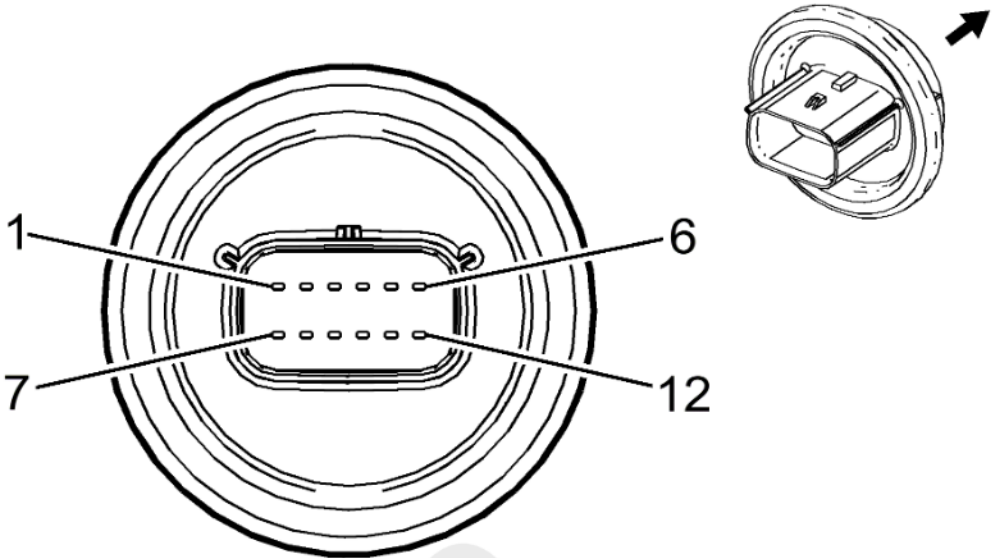
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	BU	410	I	-	Engine Coolant Temperature Sensor Signal	1	0.5	BU	410	II	-
2	0.5 0.5	BK/WH BK/BN	2051 2761	I I	LGW LGX	Signal Ground Coolant Temperature Sensor Low Reference	2	0.5 0.5	BK/WH BK/BN	2051 2761	II II	LGW LGX

X120 FORWARD LAMP HARNESS TO RIGHT HEADLAMP HARNESS



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13528600
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)



Connector Part Information

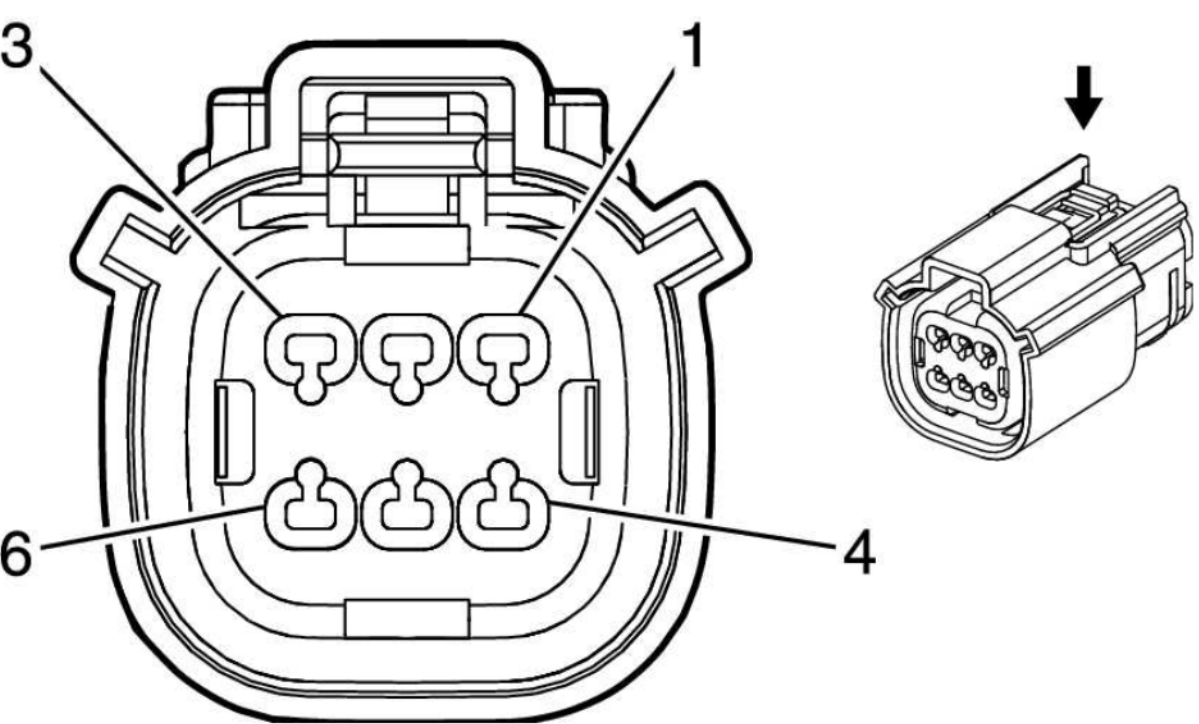
- Harness Type: Right Headlamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575808	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

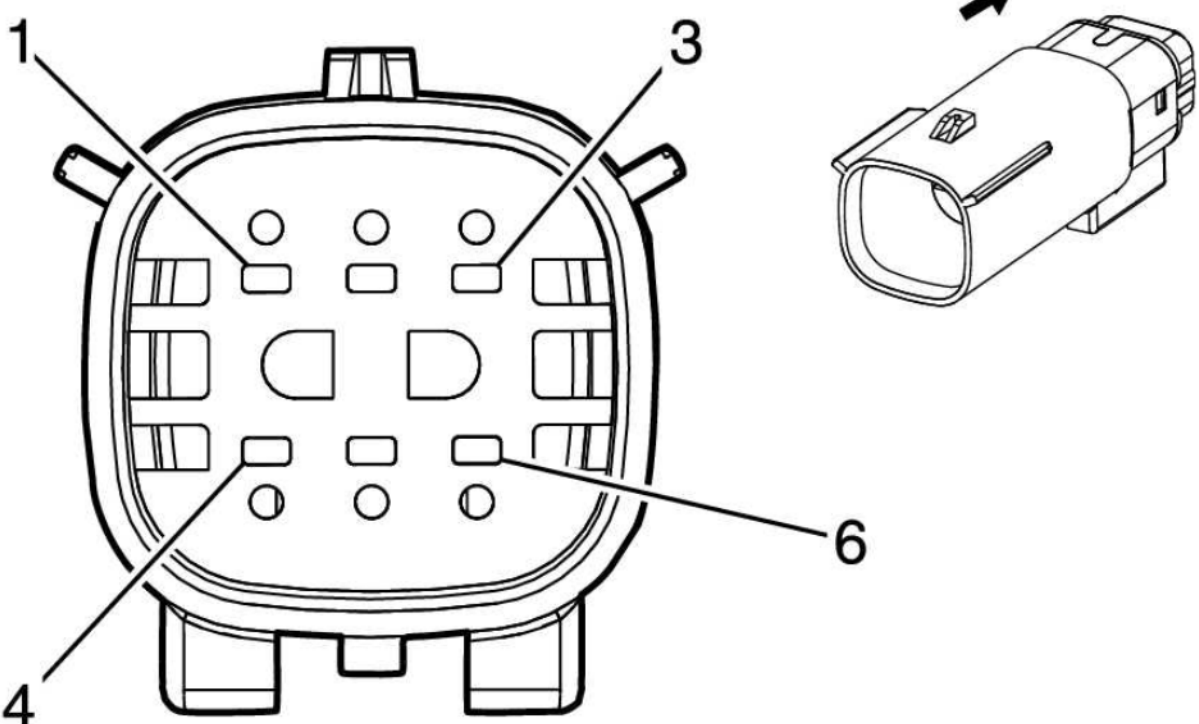
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	BK/WH	650	I	-	Ground	1	1	BK/WH	650	III	-
2	0.5	YE	312	II	-	Right Headlamp Low Beam Control	2	0.5	YE	312	III	-
3	0.5	WH	311	II	-	Right Headlamp High Beam Control	3	0.5	WH	311	III	-
4	0.5	BK	650	II	-	Ground	4	0.5	BK	650	III	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	0.5	GN/VT	1315	II	-	Right Front Turn Signal Lamp Control	6	0.5	GN/VT	1315	III	-
7	0.5	BU/BN	7539	II	-	Right Front DRL Control	7	0.5	BU/BN	7539	III	-
8	0.5	WH/YE	7545	II	-	Right Front Turn Lamp Feedback Signal	8	0.5	WH/YE	7545	III	-
9	0.5	BK	650	II	TR7	Ground	9	0.5	BK	650	III	TR7
10	0.75	VT/GY	139	I	-	Run/Crank Ignition 1 Voltage	10	0.75	VT/GY	139	III	-
11	0.35	GN/WH	7530	II	TR7	Local Interconnect Network Serial Data Bus 8	11	0.35	GN/WH	7530	III	TR7
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-

X121 ENGINE HARNESS TO BANK 1 ENGINE JUMPER HARNESS (LGW)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33121562
- Service Connector: 19333341
- Description: 6-Way F 150 MX Series, Sealed (BK)



Connector Part Information

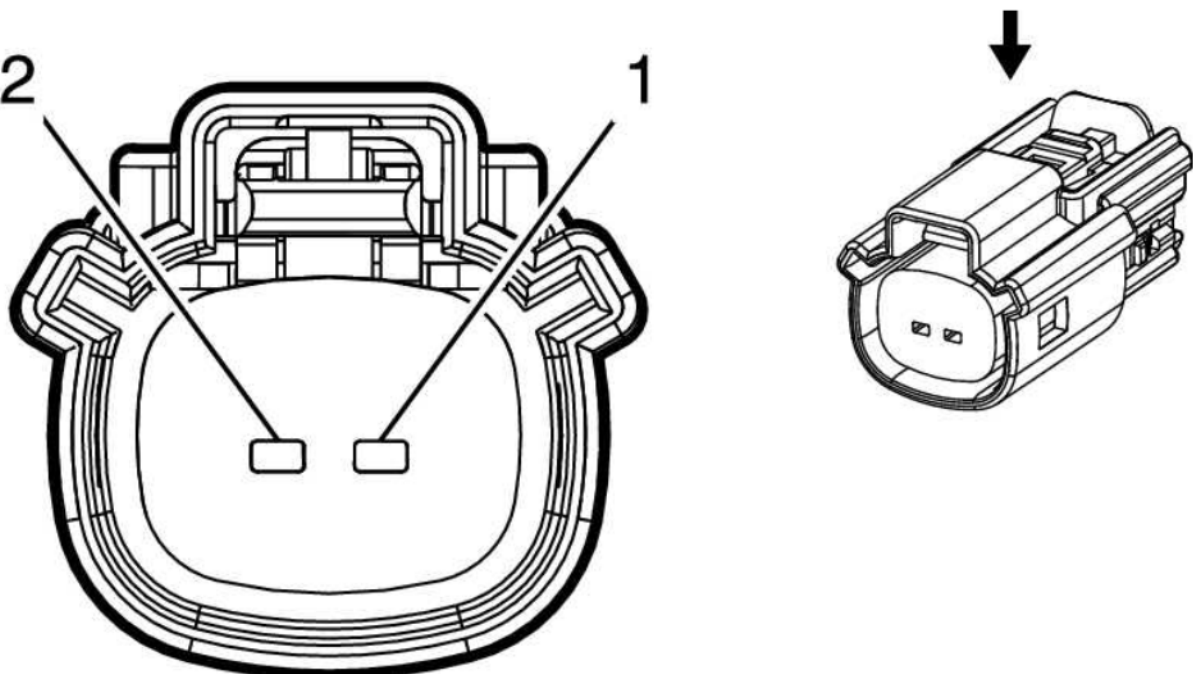
- Harness Type: Bank 1 Engine Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M

Terminal Part Information

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

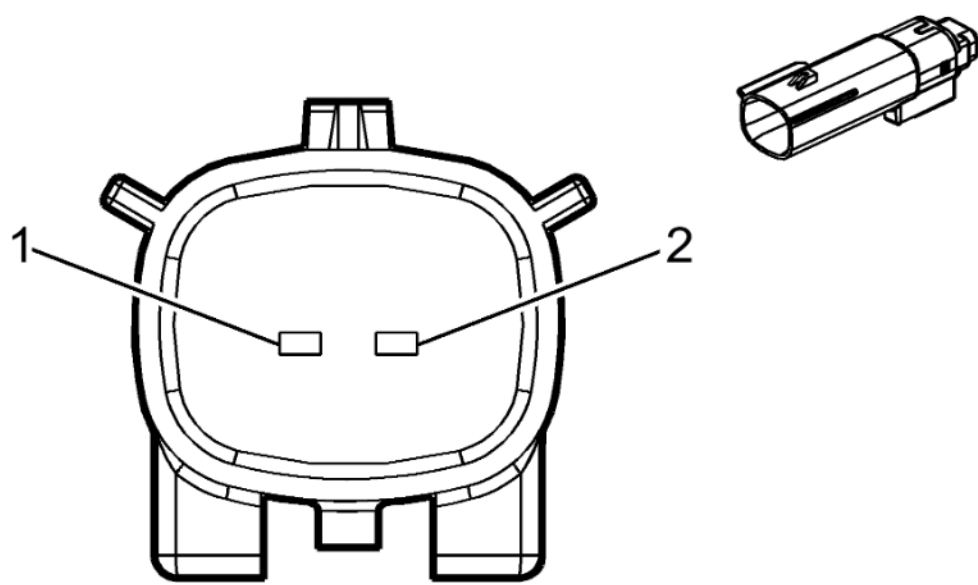
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/GY	496	I	-	Knock Sensor Signal 1	1	0.5	VT/GY	496	II	-
2	0.5	BK/YE	1716	I	-	Knock Sensor Low Reference 1	2	0.5	BK/YE	1716	II	-
3	0.5	GN	6271	I	-	Crankshaft 60X Sensor Signal	3	0.5	GN	6271	II	-
4	0.5	VT/BU	6270	I	-	Crankshaft 60X Sensor 5V Reference	4	0.5	VT/BU	6270	II	-
5	0.5	WH	6272	I	-	Crankshaft 60X Sensor Low Reference	5	0.5	WH	6272	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-

X122 ENGINE HARNESS TO BANK 2 KNOCK SENSOR JUMPER HARNESS (LGW)



Connector Part Information

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



Connector Part Information

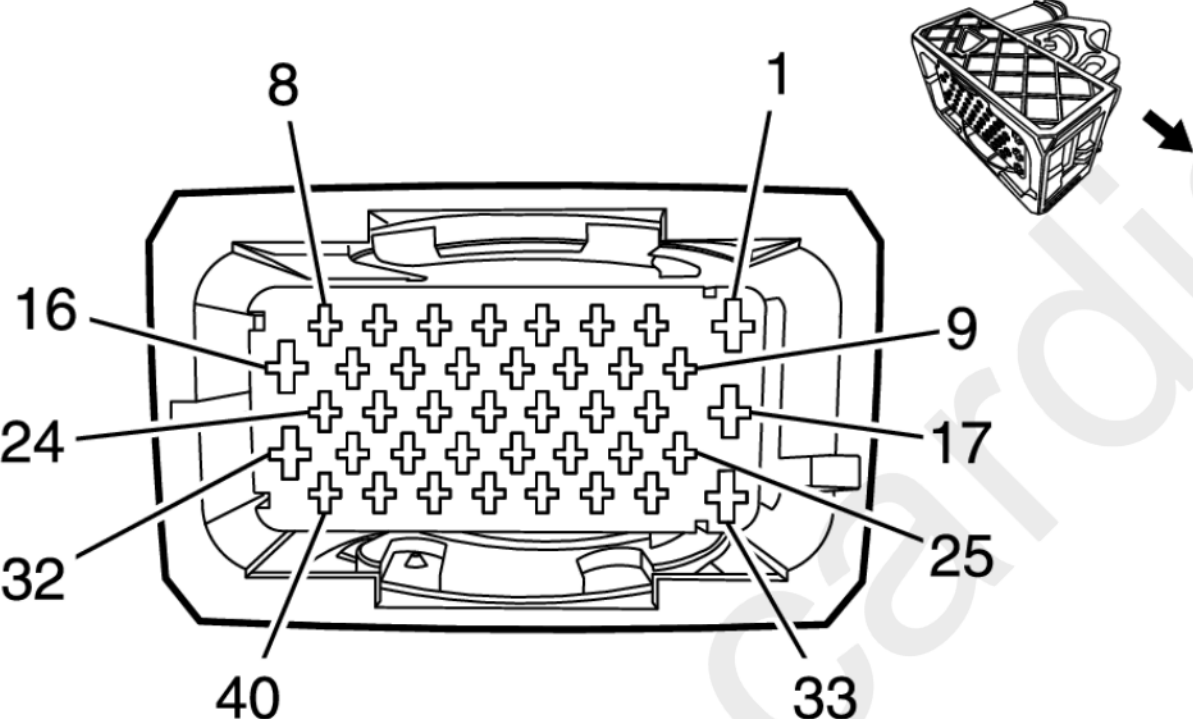
- Harness Type: Bank 2 Knock Sensor Jumper
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M

Terminal Part Information

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

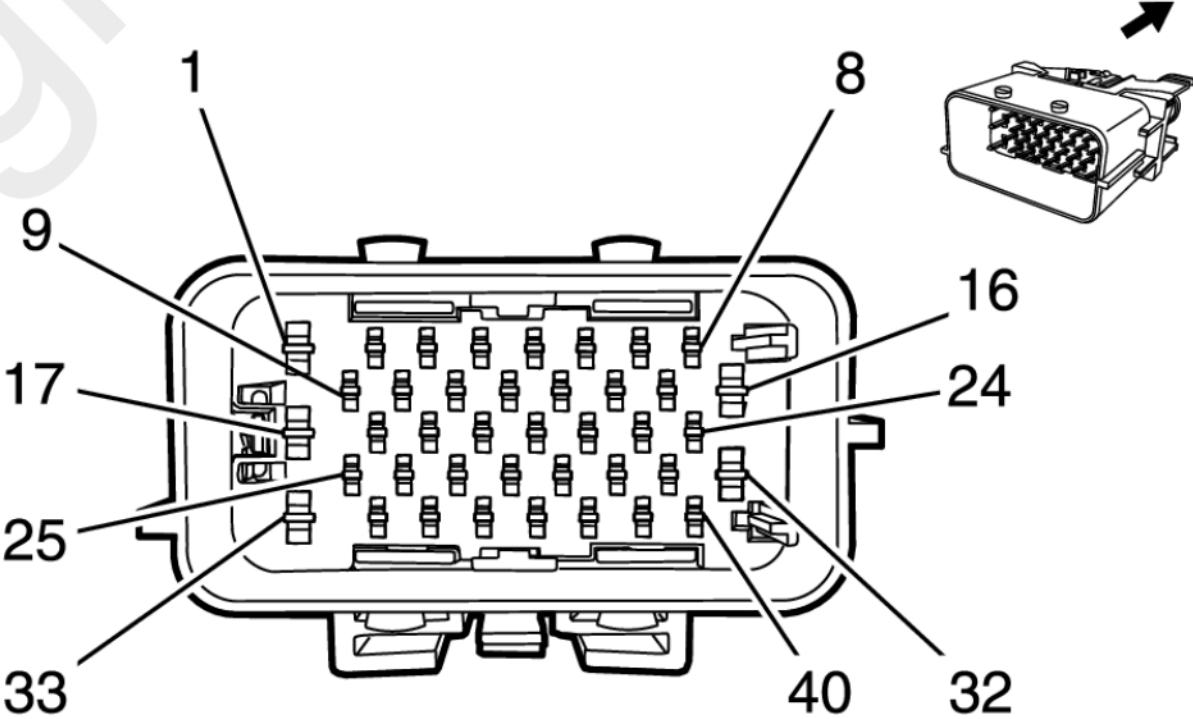
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	WH/GY	1876	I	-	Knock Sensor Signal 2	1	0.5	WH/GY	1876	II	-
2	0.5	BK/GY	2303	I	-	Knock Sensor Low Reference 2	2	0.5	BK/GY	2303	II	-

X125 BODY HARNESS TO FORWARD LAMP HARNESS (HP9)



Connector Part Information

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



Connector Part Information

- Harness Type: Forward Lamp
- 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	13576369	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13580830	J-35616-35 (VT)	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	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13578882	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	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	-	-	-	-	-	Low Washer Fluid Indicator Control	1	0.5	VT	185	VII	-
2	0.5	VT/BN	4337	I	-	Pedestrian Friendly Alert Speaker Control (-)	2	0.5	VT/BN	4337	IV	-
3	0.5	VT/WH	5215	I	-	Front Parking Left Corner Sensor	3	0.35	VT/WH	5215	V	-
4	0.35	GY/VT	3808	I	UGN	Front Object Sensor Control 2	4	0.35	GY/VT	3808	V	UGN
5	0.35	VT	185	I	-	Low Washer Fluid Indicator Control	5	0.5	VT	185	IV	-
6	0.5	OG/YE	354	I	-	Left Front Discriminating Sensor Signal	6	0.5	OG/YE	354	IV	-
7	0.5	BK/OG	5045	I	-	Left Front Discriminating Sensor Low Reference	7	0.5	BK/OG	5045	IV	-
8	0.5	BN	6581	I	-	Front Parking Aid Display Control	8	0.35	BN	6581	V	-
9	0.5	GY/GN	4338	I	-	Pedestrian Friendly Alert Speaker Control (+)	9	0.5	GY/GN	4338	IV	HP9
10	0.5	YE/GY	5216	I	-	Front Parking Left Mid Sensor	10	0.35	YE/GY	5216	V	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
11	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	11	0.35	BK/BU	61	V	-
12	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	12	0.35	BU/GY	636	V	-
13	0.5	BK/BU	5214	I	-	Front Parking Sensor Low Reference	13	0.35	BK/BU	5214	V	-
14	0.75	BK	550	III	-	Ground	14	0.75	BK	550	IV	-
15	0.5	WH/GY	5217	I	-	Front Parking Right Corner Sensor	15	0.35	WH/GY	5217	V	-
16	0.5	VT/GY	5218	II	-	Front Parking Right Mid Sensor Front Parking Right Mid Sensor	16	0.35	VT/GY	5218	VI	-
17	0.35	BU/VT	3813	II	UGN	High Speed GMLAN Serial Data (+) 4	17	0.5	BU/VT	3813	VII	UGN
18	0.35	WH	3811	I	UGN	High Speed GMLAN Serial Data (-) 4	18	0.5	WH	3811	IV	UGN
19	-	-	-	-	-	FlexRay Communication Enable	19	0.35	GY/BU	2164	V	-
20	-	-	-	-	-	FlexRay Serial Data (+) (4)	20	0.5	GN/BN	4714	IV	-
21	-	-	-	-	-	FlexRay Serial Data (-) (4)	21	0.5	WH	4715	IV	-
22	0.5	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	22	0.5	BU/WH	1314	IV	-
23	0.35	BN/GN	4064	I	-	Hood Status B Signal	23	0.35	BN/GN	4064	V	-
24	0.35	VT/BK	6568	I	-	Front Turn Lamp Feedback Signal	24	0.5	VT/BK	6568	IV	-
25	0.5	GN/BN	7529	I	TR7	Local Interconnect Network Serial Data Bus 7	25	-	-	-	-	-
26	0.5	BU/BN	7539	I	-	Right Front DRL Control	26	0.5	BU/BN	7539	IV	-
27	0.5	GY/BN	7065	I	-	Wheel Speed Sensor Control Right Front	27	0.5	GY/BN	7065	IV	-
28	0.5	YE	872	I	-	Wheel Speed Sensor Signal Right Front	28	0.5	YE	872	IV	-
29	0.5	GY	3154	I	UFQ	Left Front Supplemental Object Sensor Signal	29	0.35	GY	3154	V	UFQ
30	0.5	GN	3155	I	UFQ	Right Front Supplemental Object Sensor Signal	30	0.35	GN	3155	V	UFQ
31	-	-	-	-	-	Not Occupied	31	-	-	-	-	-
32	0.5	GY/BU	7538	II	-	Left Front DRL Control	32	0.5	GY/BU	7538	VII	-
33	0.5	VT/GY	709	II	-	Left Park Lamp Control	33	0.5	VT/GY	709	VII	-
34	0.5	YE	712	I	-	Left Headlamp Low Beam Control	34	0.5	YE	712	IV	-
35	0.5	YE	312	I	-	Right Headlamp Low Beam Control	35	0.5	YE	312	IV	-
36	-	-	-	-	-	High Speed GMLAN Serial Data (+) 4	36	0.5	BU/VT	3813	IV	-
37	-	-	-	-	-	High Speed GMLAN Serial Data (-) 4	37	0.5	WH	3811	IV	-
38 - 40	-	-	-	-	-	Not Occupied	38 - 40	-	-	-	-	-

X125 BODY HARNESS TO FORWARD LAMP HARNESS (KL9)

Connector Part Information

- Harness Type: Body
- 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: Forward Lamp
- 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	13580830	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
III	19301775	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	C	A
IV	19353105	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	13575350	J-35616-5 (PU)	J-38125-36	1-962915-3	Yazaki 15	E	1
VI	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VIII	13581368	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19301750	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	19353103	J-35616-43 (RD)	J-38125-557	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	1	VT	1197	III	UV3	Headlamp Washer Pump Control	1	1	VT	1197	IX	UV3
2	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	2	0.5	GN/VT	1315	VIII	-
3	0.5	VT/WH	5215	II	-	Front Parking Left Corner Sensor	3	0.35	VT/WH	5215	VII	-
4	0.35	GY/VT	3808	II	UGN	Front Object Sensor Control 2	4	0.35	GY/VT	3808	VII	UGN
5	0.35	VT	185	II	-	Low Washer Fluid Indicator Control	5	0.5	VT	185	VI	-
6	0.5	OG/YE	354	II	-	Left Front Discriminating Sensor Signal	6	0.5	OG/YE	354	VI	-
7	0.5	BK/OG	5045	II	-	Left Front Discriminating Sensor Low Reference	7	0.5	BK/OG	5045	VI	-
8	0.5	BN	6581	II	-	Front Parking Aid Display Control	8	0.35	BN	6581	VII	-
9	0.5	GN/WH	7530	II	TR7	Local Interconnect Network Serial Data Bus 8	9	0.35	GN/WH	7530	VII	TR7
10	0.5	YE/GY	5216	II	-	Front Parking Left Mid Sensor	10	0.35	YE/GY	5216	VII	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
11	-	-	-	-	-	Not Occupied	11	-	-	-	-	-
12	0.35	BU/GY	636	II	-	Outside Ambient Air Temperature Sensor Signal	12	0.35	BU/GY	636	VII	-
13	0.5	BK/BU	5214	II	-	Front Parking Sensor Low Reference	13	0.35	BK/BU	5214	VII	-
14	0.35	BK/BU	61	II	-	Outside Ambient Temperature Sensor Low Reference	14	0.35	BK/BU	61	VII	-
15	0.5	WH/GY	5217	II	-	Front Parking Right Corner Sensor	15	0.35	WH/GY	5217	VII	-
16	0.5	VT/GY	5218	II	-	Front Parking Right Mid Sensor	16	0.35	VT/GY	5218	VII	-
17	0.35	BU/VT	3813	II	UGN	High Speed GMLAN Serial Data (+) 4	17	0.5	BU/VT	3813	VI	UGN
18	0.35	WH	3811	II	UGN	High Speed GMLAN Serial Data (-) 4	18	0.5	WH	3811	VI	UGN
19	0.5	BK/OG	5600	II	-	Right Front Discriminating Sensor Low Reference	19	0.5	BK/OG	5600	VI	-
20	0.5	OG/GN	1409	IV	-	Right Front Discriminating Sensor Signal	20	0.5	OG/GN	1409	VIII	-
21	0.35	WH/YE	7545	II	-	Right Front Turn Lamp Feedback Signal	21	0.5	WH/YE	7545	VI	-
22	0.5	BU/WH	1314	II	-	Left Front Turn Signal Lamp Control	22	0.5	BU/WH	1314	VI	-
23	0.35	BN/GN	4064	II	-	Hood Status B Signal	23	0.35	BN/GN	4064	VII	-
24	0.35	VT/BK	6568	II	-	Front Turn Lamp Feedback Signal	24	0.5	VT/BK	6568	VI	-
25	0.5	GN/BN	7529	II	TR7	Local Interconnect Network Serial Data Bus 7	25	0.35	GN/BN	7529	VII	TR7
26	0.5	BU/BN	7539	II	-	Right Front DRL Control	26	0.5	BU/BN	7539	VI	-
27	0.5	GY/BN	7065	II	-	Wheel Speed Sensor Control Right Front	27	0.5	GY/BN	7065	VI	-
28	0.5	YE	872	II	-	Wheel Speed Sensor Signal Right Front	28	0.5	YE	872	VI	-
29	0.5	GY	3154	I	UFQ	Left Front Supplemental Object Sensor Signal	29	0.35	GY	3154	V	UFQ
30	0.5	GN	3155	II	UFQ	Right Front Supplemental Object Sensor Signal	30	0.35	GN	3155	VII	UFQ
31	0.35	BN/YE	4038	II	B3T	Pedestrian Protection Safing Sensor Module Signal	31	0.5	BN/YE	4038	VI	B3T
32	0.5	GY/BU	7538	II	-	Left Front DRL Control	32	0.5	GY/BU	7538	VI	-
33	0.5	VT/GY	709	II	-	Left Park Lamp Control	33	0.5	VT/GY	709	VI	-
34	0.5	YE	712	II	-	Left Headlamp Low Beam Control	34	0.5	YE	712	VI	-
35	0.5	YE	312	II	-	Right Headlamp Low Beam Control	35	0.5	YE	312	VI	-
36	0.5	GY/BN	309	II	-	Right Park Lamp Control	36	0.5	GY/BN	309	VI	-
37	0.35	YE	4063	II	-	Hood Status A Signal	37	0.35	YE	4063	VII	-
38	-	-	-	-	-	Battery Positive Voltage	38	0.5	RD/GN	3840	X	-
39	0.5	WH/BN	6201	IV	UVH	Camera Control	39	0.35	GN	6201	V	UVH
40	0.35	BK/VT	4045	II	B3T	Pedestrian Protection Safing Sensor Module Low Reference	40	0.5	BK/VT	4045	VI	B3T
41	0.35	BN/WH	4035	II	B3T	Pedestrian Protection Impact Sensing Module Low Reference	41	0.5	BN/WH	4035	VI	B3T
42	0.35	OG/VT	4034	II	B3T	Pedestrian Protection Impact Sensing Module Signal	42	0.5	OG/VT	4034	VI	B3T
43	0.5	GN/VT	4621	II	-	Local Interconnect Network Serial Data Bus 21	43	0.5	GN/VT	4621	VI	-
44	0.5	WH	9774	II	UVH	-	44	0.5	WH	9774	VI	UVH
45	0.35	GY/YE	9772	II	UVH	-	45	0.35	GY/YE	9772	VII	UVH
46	0.35	WH/BN	9773	II	UVH	-	46	0.35	WH/BN	9773	VII	UVH
47	0.5	BN/BK	6202	II	UVH	Camera Ground	47	0.35	BN/BK	6202	VII	UVH
48	-	-	-	-	-	Not Occupied	48	-	-	-	-	-

X126 FORWARD LAMP HARNESS TO BODY HARNESS

Diagram of Forward Lamp Connector (X126) showing terminal layout with callouts 1, 8, 9, 16, 17, 24, 25, 32, 33, 40. An inset shows the connector housing.

Connector Part Information

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

Diagram of Body Connector showing terminal layout with callouts 1, 8, 9, 16, 17, 24, 25, 32, 33, 40. An inset shows the connector housing.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13603208
- Service Connector: 13576551
- Description: 40-Way M 1.5 DSQ, 2.8 ATS Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13576369	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	13580830	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	13584470	J-35616-14 (GN)	J-38125-560	60000641	AFL 21	2	5
V	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13578882	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13580819	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	1.5	VT/WH	1939	II	-	Run/Crank Ignition 1 Voltage	1	-	-	-	-	-
2	0.5	BK/OG	5600	I	-	Right Front Discriminating Sensor Low Reference	2	0.5	BK/OG	5600	V	-
3	0.5	RD/YE	8140	I	-	Battery Positive Voltage	3	-	-	-	-	-
4	0.5	WH/YE	7545	I	-	Right Front Turn Lamp Feedback Signal	4	0.35	WH/YE	7545	VI	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
5	0.5	GN/BU	4716	I	-	FlexRay Serial Data (+) (5)	5	-	-	-	-	-
6	0.5	WH	4717	I	-	FlexRay Serial Data (-) (5)	6	-	-	-	-	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.5	GY/BN	309	I	-	Right Park Lamp Control	8	0.5	GY/BN	309	V	-
9	0.5	OG/GN	1409	I	-	Right Front Discriminating Sensor Signal	9	0.5	OG/GN	1409	V	-
10	0.5	WH/RD	596	I	-	5V Reference	10	0.5	WH/RD	596	V	-
11	0.5	VT/BN	2028	I	-	Coolant Valve Position Sensor Signal	11	0.5	VT/BN	2028	V	-
12	0.5	BK/BU	720	I	-	Sensor Low Reference	12	0.5	BK/BU	720	V	-
13	0.35	YE	4063	I	-	Hood Status A Signal	13	0.35	YE	4063	VI	-
14	-	-	-	-	-	Not Occupied	14	-	-	-	-	-
15	0.5	GN/VT	1315	I	-	Right Front Turn Signal Lamp Control	15	0.5	GN/VT	1315	V	-
16 - 18	-	-	-	-	-	Not Occupied	16 - 18	-	-	-	-	-
19	0.5	GN/VT	2032	I	-	Coolant Temperature Sensor Signal	19	0.5	GN/VT	2032	V	-
20	0.5	BK/YE	407	I	-	Sensor Low Reference	20	0.5	BK/YE	407	V	-
21	-	-	-	-	-	Local Interconnect Network Serial Data Bus 8	21	0.5	GN/WH	7530	V	-
22	0.5	BU/VT	3818	I	-	Rechargeable Energy Storage System Coolant HVAC Mode Motor High Control	22	0.5	BU/VT	3818	V	-
23	0.5	WH/YE	3819	I	-	Rechargeable Energy Storage System Coolant HVAC Mode Motor Low Control	23	0.5	WH/YE	3819	V	-
24 - 28	-	-	-	-	-	Not Occupied	24 - 28	-	-	-	-	-
29	0.35	GN	6201	I	-	Camera Control	29	0.5	WH/BN	6201	V	-
30	0.5	WH	9774	I	-	-	30	0.5	WH	9774	V	-
31	0.35	GY/YE	9772	I	-	-	31	0.35	GY/YE	9772	VI	-
32	-	-	-	-	-	Not Occupied	32	-	-	-	-	-
33	0.5	GN/VT	4621	III	-	Local Interconnect Network Serial Data Bus 21	33	0.5	GN/VT	4621	VII	-
34	-	-	-	-	-	Not Occupied	34	-	-	-	-	-
35	1	VT	1197	IV	-	Headlamp Washer Pump Control	35	1	VT	1197	V	-
36 - 37	-	-	-	-	-	Not Occupied	36 - 37	-	-	-	-	-
38	0.35	BN/BK	6202	I	-	Camera Ground	38	0.5	BN/BK	6202	V	-
39	0.35	WH/BN	9773	I	-	-	39	0.35	WH/BN	9773	VI	-
40	-	-	-	-	-	Not Occupied	40	-	-	-	-	-