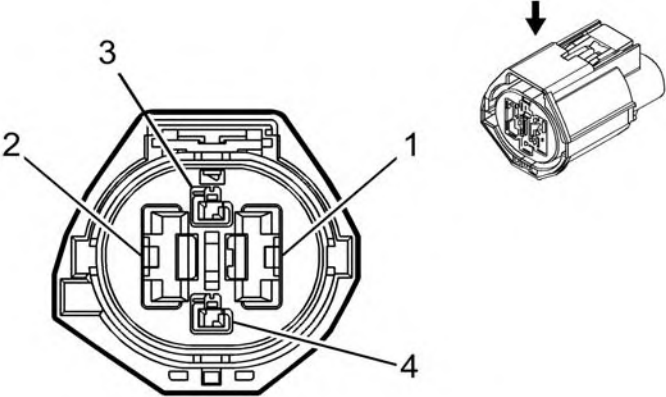


ELECTRICAL

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

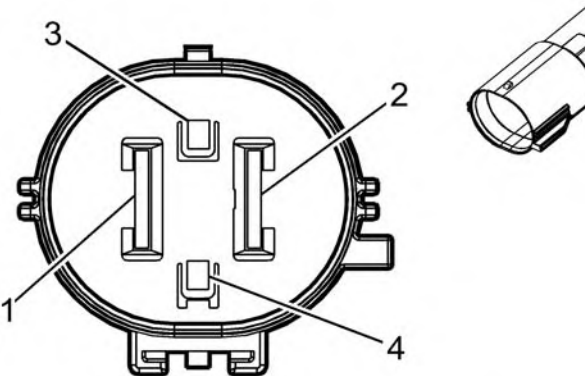
INLINE HARNESS CONNECTOR END VIEWS

X100 BATTERY HARNESS TO POWER STEERING HARNESS



Connector Part Information

- Harness Type: Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F



Connector Part Information

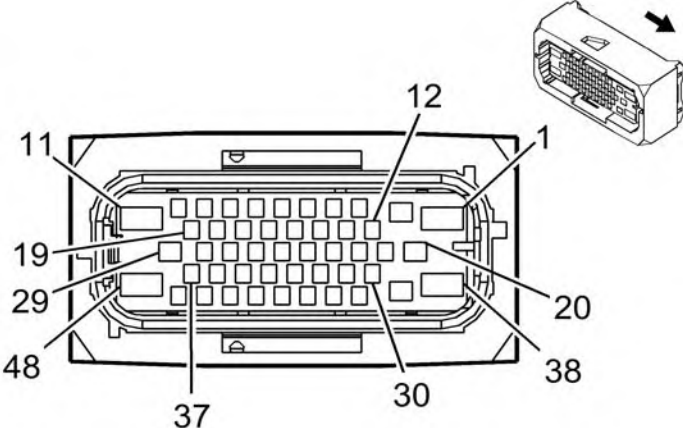
- Harness Type: Power Steering
- OEM Connector: 7286-1399-80
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.5, 9.5 Series, Sealed (BN)

Terminal Part Information

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

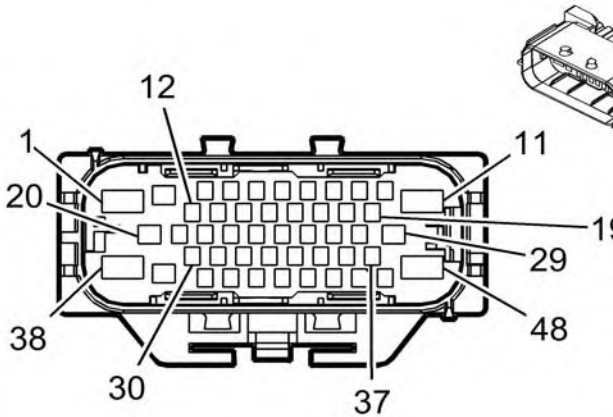
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	10	RD/VT	842	I	-	Battery Positive Voltage	1	10	RD/VT	842	II	-
2	10	BK	1050	I	-	Ground	2	10	BK	1050	II	-
3 - 4	-	-	-	-	-	Not Occupied	3 - 4	-	-	-	-	-

X101 ENGINE HARNESS TO BODY HARNESS (LCV)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 15509585



Connector Part Information

- Harness Type: Body
- OEM Connector: 15513438

19329744	Terminal Type	Test	Opt	Terminal Removal Tool	Service Connector	19329745	Terminal Type	Core Crimp	Insulation Option
Description: 48-Way M 1.5 MCP, 28 JPT, 1.5 Series, Sealed (BK)	Terminated Lead	Diagnostic Test Probe	Option	Terminal Removal Tool	Service Terminal	Color Name	Circuit	Core Crimp	Insulation Option

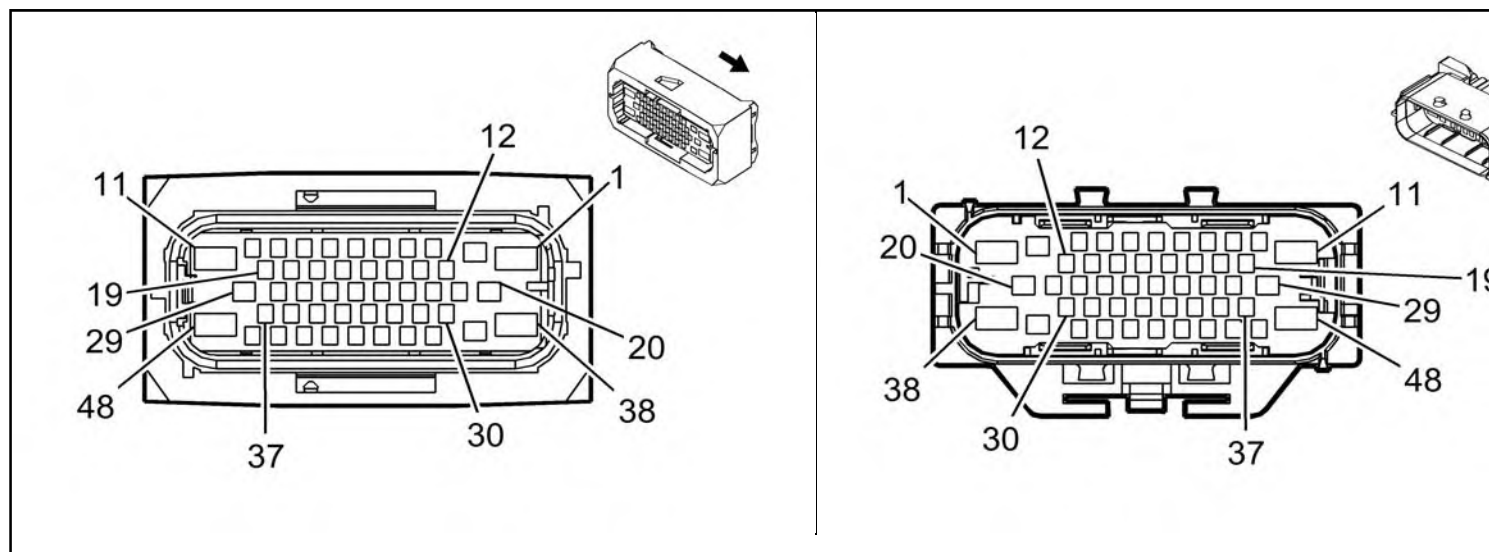
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Option
I	13580821	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13580830	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
IV	19328630	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available
V	19328631	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	A	B
VI	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13581368	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19119926	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
X	19301750	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	YE/VT	1553	V	NQ6/NQ7	Transfer Case Motor Counter Clockwise Control	1	2.5	YE/VT	1553	IX	NQ6/NQ7
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	VT/GY	139	III	-	Run/Crank Ignition 1 Voltage	3	0.75	VT/GY	139	VI	-
4	0.5	WH/L-GN	7475	III	NQ6/NQ7	Incremental Encoder Sensor 8 Volt Reference	4	0.5	WH/L-GN	7475	VI	NQ6/NQ7
5	0.5	WH/L-BU	6311	III	-	Cruise/ETC/TCC Brake Signal	5	0.35 0.5	WH/L-BU WH/L-BU	6311 6311	VI	Z82-JL JL1
6	0.5	BK/VT	1272	III	-	Accelerator Pedal Position Low Reference (2)	6	0.5	BK/VT	1272	VI	-
7	0.5	BN/WH	419	III	-	Check Engine Indicator Control	7	0.5	BN/WH	419	VI	-
8	0.5	BN/RD	1274	III	-	Accelerator Pedal Position 5 Volt Reference (2)	8	0.5	BN/RD	1274	VI	-
9	0.5	YE	7474	III	NQ6/NQ7	Incremental Encoder Direction Signal	9	0.5	YE	7474	VI	NQ6/NQ7
10	0.75	L-BU/BN	7573	III	-	Electric Variable Displacement Supply	10	0.5	L-BU/BN	7573	VI	-
11	0.75	BK	1450	IV	-	Ground	11	0.75	BK	1450	X	-
12	0.5	BK	1782	III	NQ6/NQ7	Low Reference	12	0.5	BK	1782	VI	NQ6/NQ7
13	0.5	GY	5660	III	-	Fuel Pump Controller Data Out Signal	13	0.5	GY	5660	VI	-
14	0.5	WH/BK	2366	III	-	Cooling Fan Control Relay Speed Signal	14	0.5	WH/BK	2366	VI	-
15	0.5	L-BU/WH	890	III	-	Fuel Tank Pressure Sensor Signal	15	0.5	L-BU/WH	890	VI	-
16	0.5	YE/RD	2709	III	-	Fuel Tank Pressure Sensor 5 Volt Reference	16	0.5	YE/RD	2709	VI	-
17	0.5	BK/L-GN	6281	III	-	Fuel Level Sensor Low Reference	17	0.5	BK/L-GN	6281	VI	-
18	0.5	L-BU/VT	1589	III	-	Primary Fuel Level Sensor Signal	18	0.5	L-BU/VT	1589	VI	-
19	0.75	L-BU/YE	7574	III	-	Electric Variable Displacement Control	19	0.5	L-BU/YE	7574	VI	-
20	2.5	YE/BN	1569	I	NQ6	Transfer Case Lock Solenoid Control	20	2.5	YE/BN	1569	VII	NQ6
21	0.5	BK/YE	7447	III	-	Fuel Line Pressure Sensor Low Reference	21	0.5	BK/YE	7447	VI	-
22	0.5	L-BU/GY	7473	III	NQ6/NQ7	Incremental Encoder Impulse Signal	22	0.5	L-BU/GY	7473	VI	NQ6/NQ7
23	0.5	L-GN/WH	1162	III	-	Accelerator Pedal Position Signal (2)	23	0.5	L-GN/WH	1162	VI	-
24	0.5	BK/L-BU	1271	III	-	Accelerator Pedal Position Low Reference (1)	24	0.5	BK/L-BU	1271	VI	-
25	0.5	WH/RD	1164	III	-	Accelerator Pedal Position 5 Volt Reference (1)	25	0.5	WH/RD	1164	VI	-
26	0.5	WH	1310	III	-	EVAP Canister Vent Solenoid Control	26	0.5	WH	1310	VI	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
27	0.5	WH/RD	7477	III	-	Rotary Position Sensor 5 Volt Reference	27	0.5	WH/RD	7477	VI	-
28	0.5	WH/L-GN	7479	III	-	Rotary Position Sensor Signal	28	0.5	WH/L-GN	7479	VI	-
29	0.5	YE/BK	7478	II	-	Rotary Position Sensor Low Reference	29	0.5	YE/BK	7478	VIII	-
30	0.5	BK/L-BU	61	III	-	Outside Ambient Temperature Sensor Low Reference	30	0.5	BK/L-BU	61	VI	-
31	0.5	L-BU/GY	636	III	-	Outside Ambient Air Temperature Sensor Signal	31	0.5	L-BU/GY	636	VI	-
32	0.5	YE/WH	1161	III	-	Accelerator Pedal Position Signal (1)	32	0.5	YE/WH	1161	VI	-
33	0.5 0.5	BK/YE BK/GY	5382 6110	III	MYB N8D	Brake Position Sensor Low Reference Clutch Apply Sensor Low Reference	33	0.5 0.5	BK/YE BK/GY	5382 6110	VI	MYB N8D
34	0.5 0.5	WH/L-GN YE	5380 6111	III	MYB N8D	Brake Position Sensor Signal Clutch Apply Sensor Signal	34	0.5 0.5	WH/L-GN YE	5380 6111	VI	MYB N8D
35	0.5 0.5	WH/RD GY/RD	5381 6109	III	MYB N8D	Brake Position Sensor 5 Volt Reference Clutch Apply Sensor 5 Volt Reference	35	0.5 0.5	WH/RD GY/RD	5381 6109	VI	MYB N8D
36	0.5	L-BU/YE	7493	III	-	High Speed GMLAN Serial Data (+) (3)	36	0.5	L-BU/BK	7493	VI	-
37	0.5	WH	7494	III	-	High Speed GMLAN Serial Data (-) (3)	37	0.5	WH	7494	VI	-
38	2.5	YE/GY	1552	V	NQ6/NQ7	Transfer Case Motor Clockwise Control	38	2.5	YE/GY	1552	IX	NQ6/NQ7
39	2.5	RD/GY	1342	I	NQ6	Battery Positive Voltage	39	2.5	RD/GY	1342	VII	NQ6
40	0.5	BK/L-BU	6813	III	-	Coolant Temperature Sensor 2 Low Reference	40	0.5	BK/L-BU	6813	VI	-
41	0.5	YE/BK	3000	III	-	Coolant Temperature Sensor 2 Signal	41	0.5	YE/BK	3000	VI	-
42	0.5	VT/YE	5985	III	-	Accessory Wakeup Serial Data	42	0.5	VT/YE	5985	VI	-
43	0.5	VT	7476	III	NQ6/NQ7	Incremental Encoder Sensor Low Reference	43	0.5	VT	7476	VI	NQ6/NQ7
44	0.5	L-BU/WH	7446	III	-	Fuel Line Pressure Sensor Signal	44	0.5	L-BU/WH	7446	VI	-
45	0.5	GY	3890	III	-	Aero Shutter Control 2	45	0.5	GY	3890	VI	-
46	0.5	L-BU	2500	III	-	High Speed GMLAN Serial Data (+) (1)	46	0.5	L-BU	2500	VI	-
47	0.5	WH	2501	III	-	High Speed GMLAN Serial Data (-) (1)	47	0.5	WH	2501	VI	-
48	0.5	BN/RD	7445	IV	-	Fuel Line Pressure Sensor 5 Volt Reference	48	0.5	BN/RD	7445	X	-

X101 ENGINE HARNESS TO BODY HARNESS (LFX)



Terminal ID	Terminated Lead	Circuit	Diagnostic Test Probe	Option	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Option
• Harness Type: Engine • OEM Connector: 15509585 • Service Connector: 19329744 • Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (BK)						• Harness Type: Body • 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 Option
I	13580829	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	N/A	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	N/A	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	N/A	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	Not Available	Pending	Pending	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	YE/VT	1553	I	NQ6/NQ7	Transfer Case Motor Counter Clockwise Control	1	2.5	YE/VT	1553	III	NQ6/NQ7
2	2.5	BN/VT	1470	I	-	Brake Booster Pump Motor Control	2	2.5	BN/VT	1470	IV	-
3	0.75	VT/GY	139	I	-	Run/Crank Ignition 1 Voltage	3	0.75	VT/GY	139	II	-
4	0.5	WH/L-GN	7475	I	NQ6/NQ7	Incremental Encoder Sensor 8 Volt Reference	4	0.5	WH/L-GN	7475	II	NQ6/NQ7
5	0.5	WH/L-BU	6311	I	-	Cruise/ETC/TCC Brake Signal	5	0.5	WH/L-BU	6311	II	-
6	0.5	BK/VT	1272	I	-	Accelerator Pedal Position Low Reference (2)	6	0.5	BK/VT	1272	II	-
7	0.5	BN/WH	419	I	-	Check Engine Indicator Control	7	0.5	BN/WH	419	II	-
8	0.5	BN/RD	1274	I	-	Accelerator Pedal Position 5 Volt Reference (2)	8	0.5	BN/RD	1274	II	-
9	0.5	YE	7474	I	NQ6/NQ7	Incremental Encoder Direction Signal	9	0.5	YE	7474	II	NQ6/NQ7
10	0.75	L-BU/BN	7573	I	-	Electric Variable Displacement Supply	10	0.5	L-BU/BN	7573	II	-
11	0.75	BK	1450	I	-	Ground	11	0.75	BK	1450	V	-
12	0.5	BK	1782	I	NQ6/NQ7	Low Reference	12	0.5	BK	1782	II	NQ6/NQ7
13	0.5	GY	5660	I	-	Fuel Pump Controller Data Out Signal	13	0.5	GY	5660	II	-
14	0.5	WH/BK	2366	I	-	Cooling Fan Control Relay Speed Signal	14	0.5	WH/BK	2366	II	-
15	0.5	L-BU/WH	890	I	-	Fuel Tank Pressure Sensor Signal	15	0.5	L-BU/WH	890	II	-
16	0.5	YE/RD	2709	I	-	Fuel Tank Pressure Sensor 5 Volt Reference	16	0.5	YE/RD	2709	II	-
17	0.5	BK/L-GN	6281	I	-	Fuel Level Sensor Low Reference	17	0.5	BK/L-GN	6281	II	-
18	0.5	L-BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	18	0.5	L-BU/VT	1589	II	-
19	0.75	L-BU/YE	7574	I	-	Electric Variable Displacement Control	19	0.5	L-BU/YE	7574	II	-
20	-	-	-	-	-	Transfer Case Lock Solenoid Control	20	2.5	YE/BN	1569	IV	NQ6
21	-	-	-	-	-	Not Occupied	21	-	-	-	-	-
22	0.5	L-BU/GY	7473	I	NQ6/NQ7	Incremental Encoder Impulse Signal	22	0.5	L-BU/GY	7473	II	NQ6/NQ7
23	0.5	L-GN/WH	1162	I	-	Accelerator Pedal Position Signal (2)	23	0.5	L-GN/WH	1162	II	-
24	0.5	BK/L-BU	1271	I	-	Accelerator Pedal Position Low Reference (1)	24	0.5	BK/L-BU	1271	II	-
25	0.5	WH/RD	1164	I	-	Accelerator Pedal Position 5 Volt Reference (1)	25	0.5	WH/RD	1164	II	-
26	0.5	WH	1310	I	-	EVAP Canister Vent Solenoid Control	26	0.5	WH	1310	II	-
27	0.5	WH/RD	7477	I	-	Rotary Position Sensor 5 Volt Reference	27	0.5	WH/RD	7477	II	-

ID	Wire Color	Terminated Lead	Terminal ID	Diagnostic Test Probe	Terminal Type	Terminal Removal Tool	Service Terminal	Wire Color	Terminated Lead	Terminal ID	Terminal Type	Insulation Color
29	0.5	YE/BK	7478	I	-	Rotary Position Sensor Low Reference	29	0.5	YE/BK	7478	IV	-
30	0.5	BK/L-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	30	0.5	BK/L-BU	61	II	-
31	0.5	L-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	31	0.5	L-BU/GY	636	II	-
32	0.5	YE/WH	1161	I	-	Accelerator Pedal Position Signal (1)	32	0.5	YE/WH	1161	II	-
33	0.5	BK/YE	5382	I	-	Brake Position Sensor Low Reference	33	0.5	BK/YE	5382	II	-
34	0.5	WH/L-GN	5380	I	-	Brake Position Sensor Signal	34	0.5	WH/L-GN	5380	II	-
35	0.5	WH/RD	5381	I	-	Brake Position Sensor 5 Volt Reference	35	0.5	WH/RD	5381	II	-
36 - 37	-	-	-	-	-	Not Occupied	36 - 37	-	-	-	-	-
38	2.5	YE/GY	1552	I	NQ6/NQ7	Transfer Case Motor Clockwise Control	38	2.5	YE/GY	1552	III	NQ6/NQ7
39	-	-	-	-	-	Battery Positive Voltage	39	2.5	RD/GY	1342	IV	NQ6
40 - 41	-	-	-	-	-	Not Occupied	40 - 41	-	-	-	-	-
42	0.5	VT/YE	5985	I	-	Accessory Wakeup Serial Data	42	0.5	VT/YE	5985	II	-
43	0.5	VT	7476	I	NQ6/NQ7	Incremental Encoder Sensor Low Reference	43	0.5	VT	7476	II	NQ6/NQ7
44 - 45	-	-	-	-	-	Not Occupied	44 - 45	-	-	-	-	-
46	0.5	L-BU	2500	I	-	High Speed GMLAN Serial Data (+) (1)	46	0.5	L-BU	2500	II	-
47	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) (1)	47	0.5	WH	2501	II	-
48	-	-	-	-	-	Fuel Line Pressure Sensor 5 Volt Reference	48	0.5	BN/RD	7445	V	-

X101 ENGINE HARNESS TO BODY HARNESS (LWN)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 13937449
- Service Connector: 19329744
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (BK)

Connector Part Information

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

Terminal Part Information

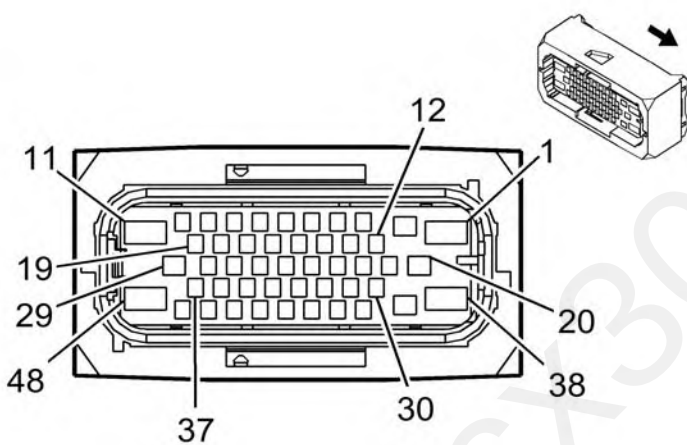
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Color
I	13580829	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13580830	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
IV	19328630	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available

Pin	ID	Terminal ID	Circuit	Terminal Type	Option	Function	Pin	Size	Color	Circuit	Terminal Type	Option
V	19328631	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	A	B					
VI	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available					
VII	13578881	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available					
VIII	13581368	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available					
IX	19119926	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available					
X	19301750	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available					

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2.5	YE/VT	1553	V	NQ6/NQ7	Transfer Case Motor Counter Clockwise Control	1	2.5	YE/VT	1553	IX	NQ6/NQ7
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	VT/GY	139	III	-	Run/Crank Ignition 1 Voltage	3	0.75	VT/GY	139	VI	-
4	0.5	WH/L-GN	7475	III	NQ6/NQ7	Incremental Encoder Sensor 8 Volt Reference	4	0.5	WH/L-GN	7475	VI	NQ6/NQ7
5	0.5	WH/L-BU	6311	III	-	Cruise/ETC/TCC Brake Signal	5	0.5	WH/L-BU	6311	VI	-
6	0.5	BK/VT	1272	III	-	Accelerator Pedal Position Low Reference (2)	6	0.5	BK/VT	1272	VI	-
7	0.5	BN/WH	419	III	-	Check Engine Indicator Control	7	0.5	BN/WH	419	VI	-
8	0.5	BN/RD	1274	III	-	Accelerator Pedal Position 5 Volt Reference (2)	8	0.5	BN/RD	1274	VI	-
9	0.5	YE	7474	III	NQ6/NQ7	Incremental Encoder Direction Signal	9	0.5	YE	7474	VI	NQ6/NQ7
10	0.75	L-BU/BN	7573	III	-	Electric Variable Displacement Supply	10	0.5	L-BU/BN	7573	VI	-
11	0.75	BK	1450	IV	-	Ground	11	0.75	BK	1450	X	-
12	0.5	BK	1782	III	NQ6/NQ7	Low Reference	12	0.5	BK	1782	VI	NQ6/NQ7
13 - 16	-	-	-	-	-	Not Occupied	13 - 16	-	-	-	-	-
17	0.5	BK/L-GN	6281	III	-	Fuel Level Sensor Low Reference	17	0.5	BK/L-GN	6281	VI	-
18	0.5	L-BU/VT	1589	III	-	Primary Fuel Level Sensor Signal	18	0.5	L-BU/VT	1589	VI	-
19	0.75	L-BU/YE	7574	III	-	Electric Variable Displacement Control	19	0.5	L-BU/YE	7574	VI	-
20	2.5	YE/BN	1569	I	NQ6	Transfer Case Lock Solenoid Control	20	2.5	YE/BN	1569	VII	NQ6
21	0.5	L-GN/BN	507	III	-	Wait To Start Indicator Control	21	0.5	L-GN/BN	507	VI	-
22	0.5	L-BU/GY	7473	III	NQ6/NQ7	Incremental Encoder Impulse Signal	22	0.5	L-BU/GY	7473	VI	NQ6/NQ7
23	0.5	L-GN/WH	1162	III	-	Accelerator Pedal Position Signal (2)	23	0.5	L-GN/WH	1162	VI	-
24	0.5	BK/L-BU	1271	III	-	Accelerator Pedal Position Low Reference (1)	24	0.5	BK/L-BU	1271	VI	-
25	0.5	WH/RD	1164	III	-	Accelerator Pedal Position 5 Volt Reference (1)	25	0.5	WH/RD	1164	VI	-
26	-	-	-	-	-	Not Occupied	26	-	-	-	-	-
27	0.5	WH/RD	7477	III	-	Rotary Position Sensor 5 Volt Reference	27	0.5	WH/RD	7477	VI	-
28	0.5	WH/L-GN	7479	III	-	Rotary Position Sensor Signal	28	0.5	WH/L-GN	7479	VI	-
29	0.5	YE/BK	7478	II	-	Rotary Position Sensor Low Reference	29	0.5	YE/BK	7478	VIII	-
30	0.5	BK/L-BU	61	III	-	Outside Ambient Temperature Sensor Low Reference	30	0.5	BK/L-BU	61	VI	-
31	0.5	L-BU/GY	636	III	-	Outside Ambient Air Temperature Sensor Signal	31	0.5	L-BU/GY	636	VI	-
32	0.5	YE/WH	1161	III	-	Accelerator Pedal Position Signal (1)	32	0.5	YE/WH	1161	VI	-
33	0.5	BK/YE	5382	III	-	Brake Position Sensor Low Reference	33	0.5	BK/YE	5382	VI	-

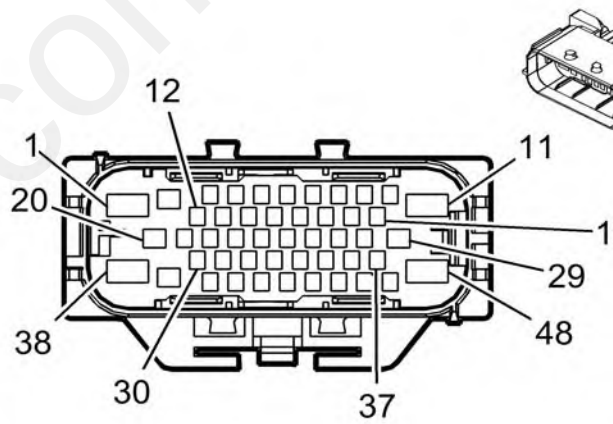
Pin	ID	Color	Terminal ID	Terminal ID	Terminal ID	Function	Service Pin	Pin Size	Color	Circuit	Terminal ID	Type	Option
34	0.5	WH/L-GN	5380	III	-	Brake Position Sensor Signal	34	0.5	WH/L-GN	5380	VI	-	
35	0.5	WH/RD	5381	III	-	Brake Position Sensor 5 Volt Reference	35	0.5	WH/RD	5381	VI	-	
36 - 37	-	-	-	-	-	Not Occupied	36 - 37	-	-	-	-	-	
38	2.5	YE/GY	1552	V	NQ6/NQ7	Transfer Case Motor Clockwise Control	38	2.5	YE/GY	1552	IX		NQ6/NQ7
39	2.5	RD/GY	1342	I	NQ6	Battery Positive Voltage	39	2.5	RD/GY	1342	VII		NQ6
40 - 41	-	-	-	-	-	Not Occupied	40 - 41	-	-	-	-	-	
42	0.5	VT/YE	5985	III	-	Accessory Wakeup Serial Data	42	0.5	VT/YE	5985	VI	-	
43	0.5	VT	7476	III	NQ6/NQ7	Incremental Encoder Sensor Low Reference	43	0.5	VT	7476	VI		NQ6/NQ7
44 - 45	-	-	-	-	-	Not Occupied	44 - 45	-	-	-	-	-	
46	0.5	L-BU	2500	III	-	High Speed GMLAN Serial Data (+) (1)	46	0.5	L-BU	2500	VI	-	
47	0.5	WH	2501	III	-	High Speed GMLAN Serial Data (-) (1)	47	0.5	WH	2501	VI	-	
48	-	-	-	-	-	Not Occupied	48	-	-	-	-	-	

X102 FORWARD LAMP HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15509588
- Service Connector: 19329766
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)



Connector Part Information

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

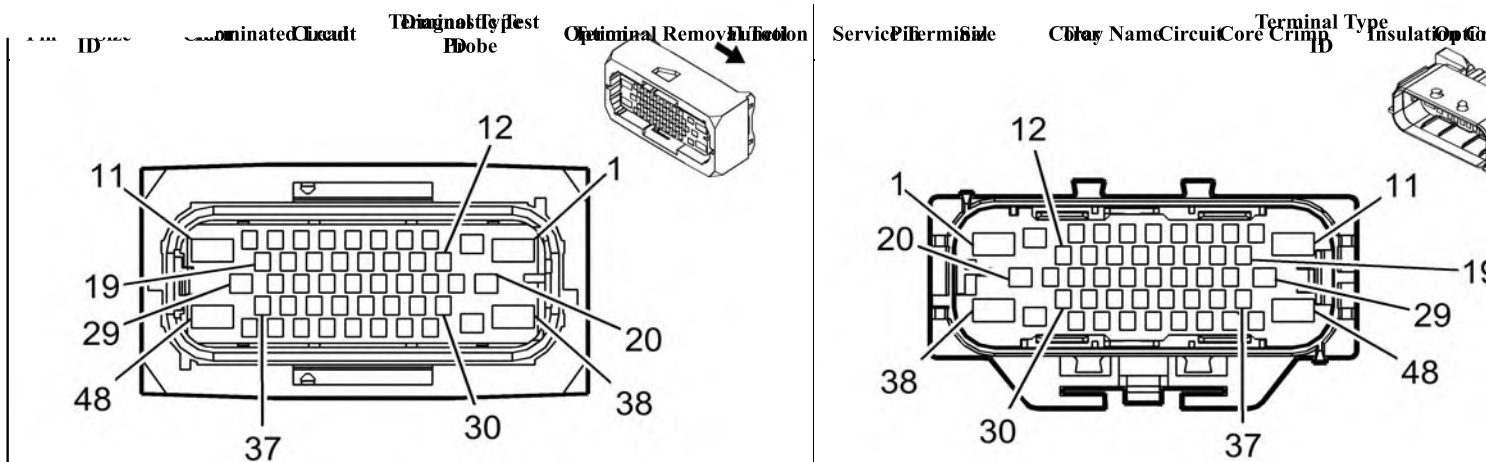
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Color
I	A	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	A	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	A	B
III	A	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	C	A
IV	Not Available	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
V	A	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	Not Available	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	Not Available	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	Not Available	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	2.5	BN/VT	1470	II	-	Brake Booster Pump Motor Control	1	2.5	BN/VT	1470	VII	-
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	3	0.75	WH/VT	1430	VI	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.75	VT/GY	709	I	-	Left Park Lamp Control	6	0.5	VT/GY	709	VI	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.75	GY/BN	309	I	-	Right Park Lamp Control	8	0.5	GY/BN	309	VI	-
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	1.5	WH	92	I	-	Windshield Wiper Motor High Speed Control	10	1.5	WH	92	VI	-
11	1.5	YE/BN	95	III	-	Windshield Wiper Motor Low Speed Control	11	1.5	YE/BN	95	VII	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.5	OG/YE	354	I	-	Left Front Discriminating Sensor Signal	13	0.5	OG/YE	354	V	-
14	0.5	BK/OG	5045	I	-	Left Front Discriminating Sensor Low Reference	14	0.5	BK/OG	5045	V	-
15	0.5	BN/GN	109	I	-	Hood Ajar Switch Signal	15	0.5	BN/GN	109	VI	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.35	VT/GY	1054	I	-	Stop Lamp Control	17	0.35	VT/GY	1054	VI	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	1.5	YE	312	I	-	Right Headlamp Low Beam Control	19	1.5	YE	312	VI	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-
21	0.5	OG/GN	1409	I	-	Right Front Discriminating Sensor Signal	21	0.5	OG/GN	1409	V	-
22	0.5	BK/OG	5600	I	-	Right Front Discriminating Sensor Low Reference	22	0.5	BK/OG	5600	V	-
23	-	-	-	-	-	Not Occupied	23	-	-	-	-	-
24	0.5	WH/BK	2366	I	-	Cooling Fan Control Relay Speed Signal	24	0.5	WH/BK	2366	VI	-
25	-	-	-	-	-	Not Occupied	25	-	-	-	-	-
26	0.5	BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	26	0.5	BU/GY	636	VI	-
27	0.5	BK/BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	27	0.5	BK/BU	61	VI	-
28	-	-	-	-	-	Not Occupied	28	-	-	-	-	-
29	0.75	GN/VT	1315	IV	-	Right Front Turn Signal Lamp Control	29	0.75	GN/VT	1315	VIII	-
30	-	-	-	-	-	Not Occupied	30	-	-	-	-	-
31	0.5	BN	6305	I	-	Brake Vacuum Switch Signal	31	0.5	BN	6305	VI	-
32 - 33	-	-	-	-	-	Not Occupied	32 - 33	-	-	-	-	-
34	0.5	BN	3891	I	-	Aero Shutter Control	34	0.5	BN	3891	VI	-
35	0.5	GY	3890	I	-	Aero Shutter Control 2	35	0.5	GY	3890	VI	-
36	-	-	-	-	-	Not Occupied	36	-	-	-	-	-
37	1.5	YE	712	I	-	Left Headlamp Low Beam Control	37	1.5	YE	712	VI	-
38	1.5	BK	3150	III	-	Ground	38	1.5	BK	3150	VII	-
39 - 43	-	-	-	-	-	Not Occupied	39 - 43	-	-	-	-	-
44	0.5	YE/BK	3000	I	-	Coolant Temperature Sensor 2 Signal	44	0.5	YE/BK	3000	VI	-
45	0.5	BK/BU	6813	I	-	Coolant Temperature Sensor 2 Low Reference	45	0.5	BK/BU	6813	VI	-
46	-	-	-	-	-	Not Occupied	46	-	-	-	-	-
47	0.75	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	47	0.75	BU/WH	1314	VI	-
48	1.5	BN	2109	III	-	Trailer Park Lamp Control	48	1.5	BN	2109	VII	-

X102 FORWARD LAMP HARNESS TO BODY HARNESS (LWN)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 15509588
- Service Connector: 19329766
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (YE)

Connector Part Information

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

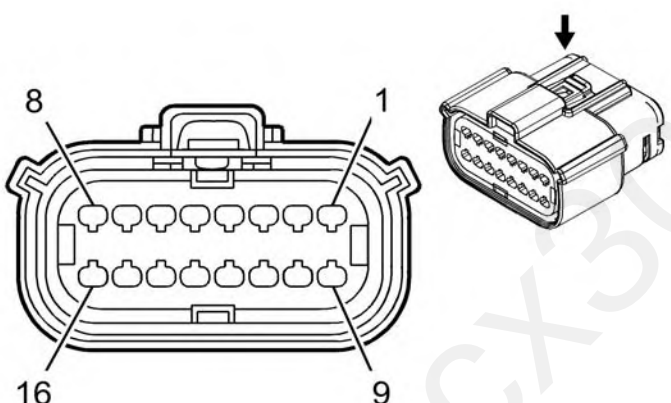
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Color
I	Å	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	Å	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	C	A
III	N/A	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IV	Not Available	Pending	Pending	Not Available	Not Available	Not Available	Not Available
V	Å	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	N/A	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	N/A	J-35616-42 (RD)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	N/A	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 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
3	0.75	WH/VT	1430	I	-	Exterior Courtesy Lamp Control	3	0.75	WH/VT	1430	VI	-
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.75	VT/GY	709	I	-	Left Park Lamp Control	6	0.5	VT/GY	709	VI	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.75	GY/BN	309	I	-	Right Park Lamp Control	8	0.5	GY/BN	309	VI	-
9	-	-	-	-	-	Not Occupied	9	-	-	-	-	-
10	1.5	WH	92	I	-	Windshield Wiper Motor High Speed Control	10	1.5	WH	92	VI	-
11	1.5	YE/BN	95	II	-	Windshield Wiper Motor Low Speed Control	11	1.5	YE/BN	95	VII	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.5	OG/YE	354	IV	-	Left Front Discriminating Sensor Signal	13	0.5	OG/YE	354	V	-
14	0.5	BK/OG	5045	IV	-	Left Front Discriminating Sensor Low Reference	14	0.5	BK/OG	5045	V	-
15	0.5	BN/L-GN	109	I	-	Hood Ajar Switch Signal	15	0.5	BN/L-GN	109	VI	-
16	-	-	-	-	-	Not Occupied	16	-	-	-	-	-
17	0.35	VT/GY	1054	I	-	Stop Lamp Control	17	0.35	VT/GY	1054	VI	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	1.5	YE	312	I	-	Right Headlamp Low Beam Control	19	1.5	YE	312	VI	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-

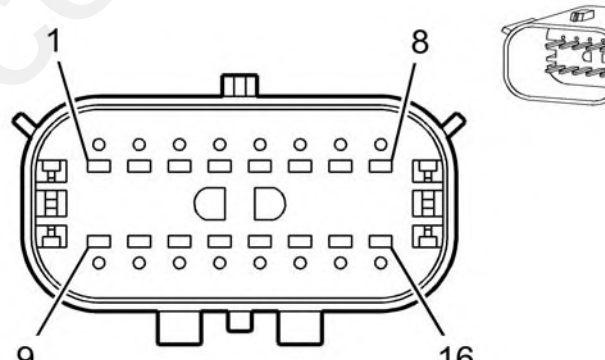
Pin	ID	Color	Terminated Lead	Circuit	Terminal Type ID	Test Point	Optimal Removal Function	Service Pin	Pin Size	Color	Tray Name	Circuit	Core Crimp	Terminal Type ID	Insulation Option
21	0.5	OG/L-GN		1409	IV	-	Right Front Discriminating Sensor Signal	21	0.5	OG/L-GN		1409		V	-
22	0.5	BK/OG		5600	IV	-	Right Front Discriminating Sensor Low Reference	22	0.5	BK/OG		5600		V	-
23 - 25	-	-		-	-	-	Not Occupied	23 - 25	-	-		-		-	-
26	0.5	L-BU/GY		636	I	-	Outside Ambient Air Temperature Sensor Signal	26	0.5	L-BU/GY		636		VI	-
27	0.5	BK/L-BU		61	I	-	Outside Ambient Temperature Sensor Low Reference	27	0.5	BK/L-BU		61		VI	-
28	-	-		-	-	-	Not Occupied	28	-	-		-		-	-
29	0.75	L-GN/VT		1315	III	-	Right Front Turn Signal Lamp Control	29	0.75	L-GN/VT		1315		VIII	-
30 - 36	-	-		-	-	-	Not Occupied	30 - 36	-	-		-		-	-
37	1.5	YE		712	I	-	Left Headlamp Low Beam Control	37	1.5	YE		712		VI	-
38	1.5	BK		3150	II	-	Ground	38	1.5	BK		3150		VII	-
39 - 46	-	-		-	-	-	Not Occupied	39 - 46	-	-		-		-	-
47	0.75	L-BU/WH		1314	I	-	Left Front Turn Signal Lamp Control	47	0.75	L-BU/WH		1314		VI	-
48	1.5	BN		2109	II	-	Trailer Park Lamp Control	48	1.5	BN		2109		VII	-

X103 CHASSIS HARNESS TO POWER STEERING HARNESS



Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33472-1606
- Service Connector: 13584788
- Description: 16-Way F 150 MX Series, Sealed (BK)



Connector Part Information

- Harness Type: Power Steering
- OEM Connector: 33482-1601
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M 150 MX Series, Sealed (BK)

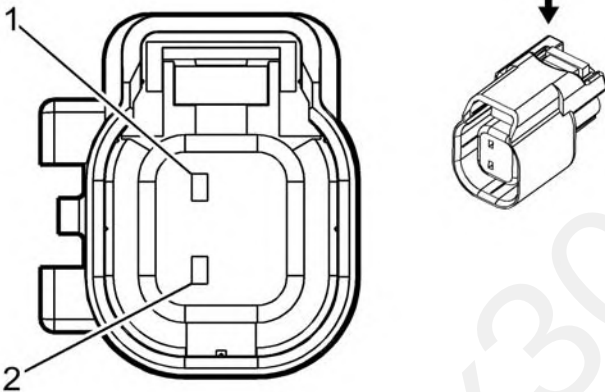
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Cr
I	13575868	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Availa
II	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Availa
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Requ

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Optio
1	0.75	VT/BK	2139	II	-	Run/Crank Ignition 1 Voltage	1	0.75	VT/BK	2139	III	-
2	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) (1)	2	0.5	WH	2501	III	-
3	0.5	L-BU	2500	I	-	High Speed GMLAN Serial Data (+) (1)	3	0.5	L-BU	2500	III	-
4	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) (2)	4	0.5	WH	6106	III	-

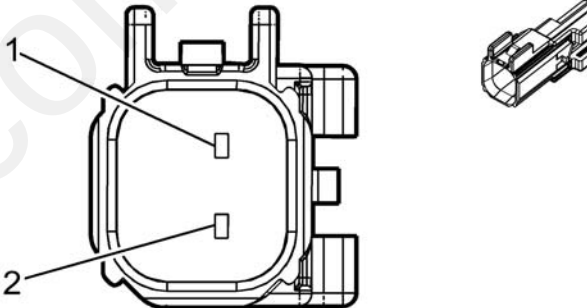
Pin	ID	Terminated Lead	Circuit	Diagnostic Test Probe	Option	Terminal Removal Tool	Service Terminal	Pin	Size	Color	Tray Name	Circuit	Terminal Type ID	Core Crimp	Insulation	Option
5	0.5	L-BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) (2)	5	0.5	L-BU/YE	6105	6105	III	-	-	-	-
6	0.5	GY/BK	1570	I	-	Front Axle Actuator Control	6	0.5	GY/BK	1570	1570	III	-	-	-	-
7	0.5	RD/BN	5940	I	-	Battery Positive Voltage	7	0.5	RD/BN	5940	5940	III	-	-	-	-
8	0.5	WH/L-BU	5986	I	-	Serial Data Communication Enable	8	0.5	WH/L-BU	5986	5986	III	-	-	-	-
9	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) (1)	9	0.5	WH	2501	2501	III	-	-	-	-
10	0.5	L-BU	2500	I	-	High Speed GMLAN Serial Data (+) (1)	10	0.5	L-BU	2500	2500	III	-	-	-	-
11	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) (2)	11	0.5	WH	6106	6106	III	-	-	-	-
12	0.5	L-BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) (2)	12	0.5	L-BU/YE	6105	6105	III	-	-	-	-
13	0.75	BK	1450	II	-	Ground	13	0.75	BK	1450	1450	III	-	-	-	-
14	0.5	YE/WH	1695	I	-	Four Wheel Drive Wheel Lock Indicator Control	14	0.5	YE/WH	1695	1695	III	-	-	-	-
15 - 16	-	-	-	-	-	Not Occupied	15 - 16	-	-	-	-	-	-	-	-	-

X104 FORWARD LAMP HARNESS TO FORWARD LAMP EXTENSION HARNESS (LCV)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 34062-0038
- Service Connector: 19329741
- Description: 2-Way F 1.5 Series, Sealed (BK)



Connector Part Information

- Harness Type: Forward Lamp Extension
- OEM Connector: 34675-0001
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.5 Series, Sealed (BK)

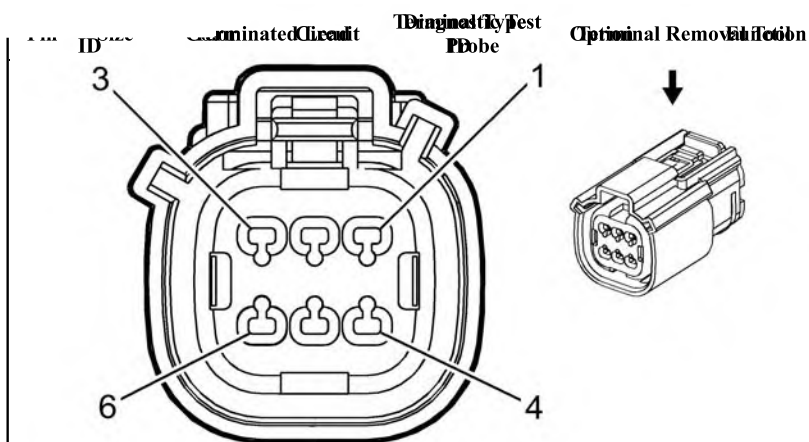
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation
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/BK	3000	I	-	Coolant Temperature Sensor 2 Signal	1	0.5	YE/BK	3000	II	-
2	0.5	BK/L-BU	6813	I	-	Coolant Temperature Sensor 2 Low Reference	2	0.5	BK/L-BU	6813	II	-

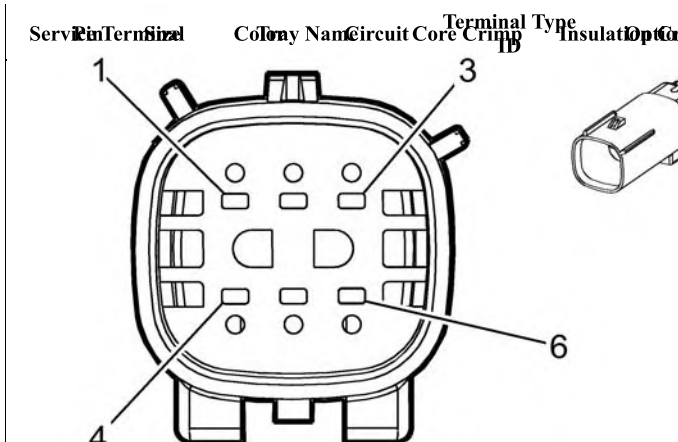
X105 FORWARD LAMP HARNESS TO AMBIENT TEMPERATURE SENSOR EXTENSION HARNESS (LCV)

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Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33472-0607
- Service Connector: 19301527
- Description: 6-Way F 150 MX Series, Sealed (GY)



Connector Part Information

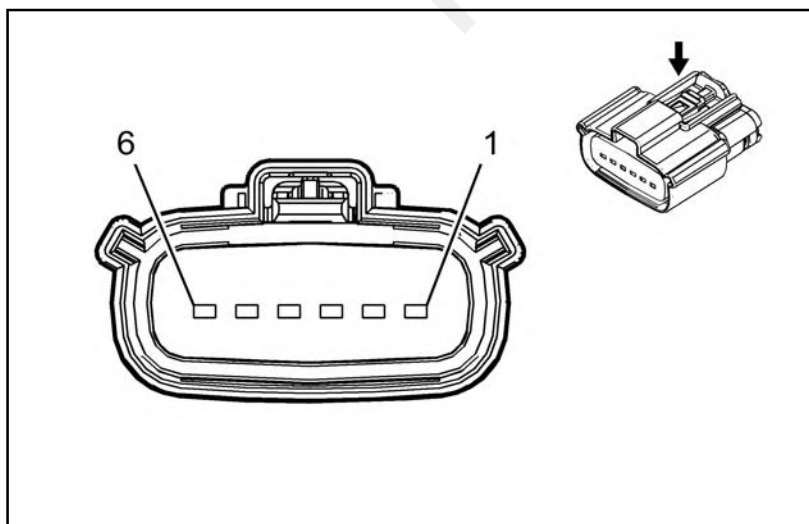
- Harness Type: Ambient Temperature Sensor Extension
- OEM Connector: 13503536
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information

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

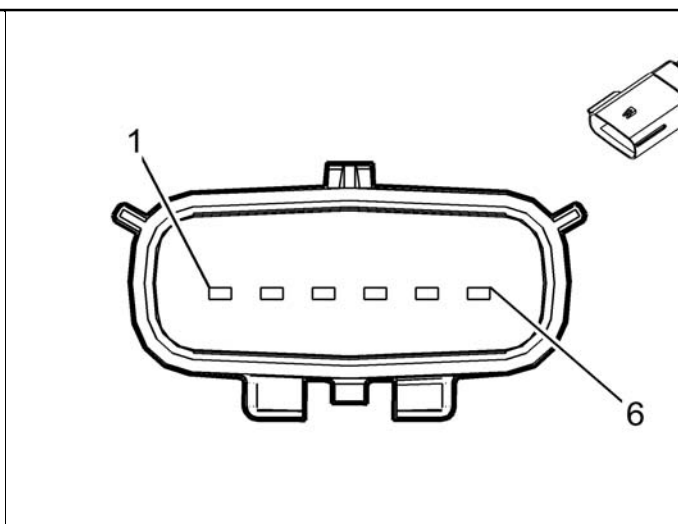
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BK	1250	I	-	Ground	1	0.75	BK	1250	II	-
2	0.5	WH/VT	4333	I	-	Aero Shutter Actuator Control	2	0.5	WH/VT	4333	II	-
3	0.5	GY	3890	I	-	Aero Shutter Control 2	3	0.5	GY	3890	II	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.5	L-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	5	0.5	L-BU/GY	636	II	-
6	0.5	BK/L-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	6	0.5	BK/L-BU	61	II	-

X105 FORWARD LAMP HARNESS TO AMBIENT TEMPERATURE SENSOR EXTENSION HARNESS (LFX)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33471-0606



Connector Part Information

- Harness Type: Ambient Temperature Sensor Extension
- OEM Connector: 13504374

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

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	BK	1250	I	-	Ground	1	0.75	BK	1250	II	-
2	0.5	WH/VT	4333	I	-	Aero Shutter Actuator Control	2	0.5	WH/VT	4333	II	-
3	0.5	BN	3891	I	-	Aero Shutter Control	3	0.5	BN	3891	II	-
4	-	-	-	-	-	Not Occupied	4	-	-	-	-	-
5	0.5	L-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	5	0.5	L-BU/GY	636	II	-
6	0.5	BK/L-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	6	0.5	BK/L-BU	61	II	-

X105 FORWARD LAMP HARNESS TO AMBIENT TEMPERATURE SENSOR EXTENSION HARNESS (LWN)

Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 33472-0607
- Service Connector: 19301527
- Description: 6-Way F 150 MX Series, Sealed (GY)

Connector Part Information

- Harness Type: Ambient Temperature Sensor Extension
- OEM Connector: 13503536
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Cr
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Pending	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 - 4	-	-	-	-	-	Not Occupied	1 - 4	-	-	-	-	-
5	0.5	L-BU/GY	636	I	-	Outside Ambient Air Temperature Sensor Signal	5	0.5	L-BU/GY	636	II	-
6	0.5	BK/L-BU	61	I	-	Outside Ambient Temperature Sensor Low Reference	6	0.5	BK/L-BU	61	II	-