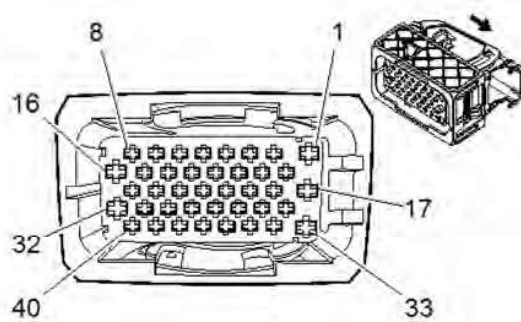
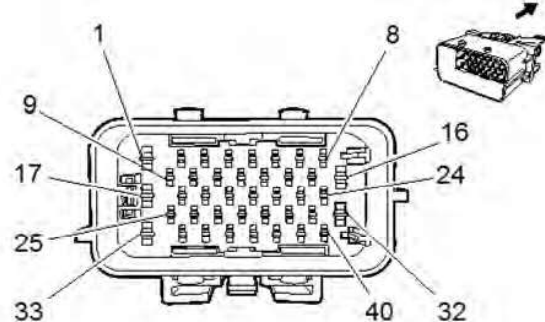


X110 Engine Harness to Body Harness



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13257305
- Service Connector: 13576549
- Description: 40-Way F DSQ 1.5, ATS 2.8 Series, Sealed BK



Connector Part Information

- Harness Type: Body
- OEM Connector: 13262025
- Service Connector: 13576551
- Description: 40-Way M 2.8 ATS DSQ 1.5 Series, Sealed

Terminal Part Information

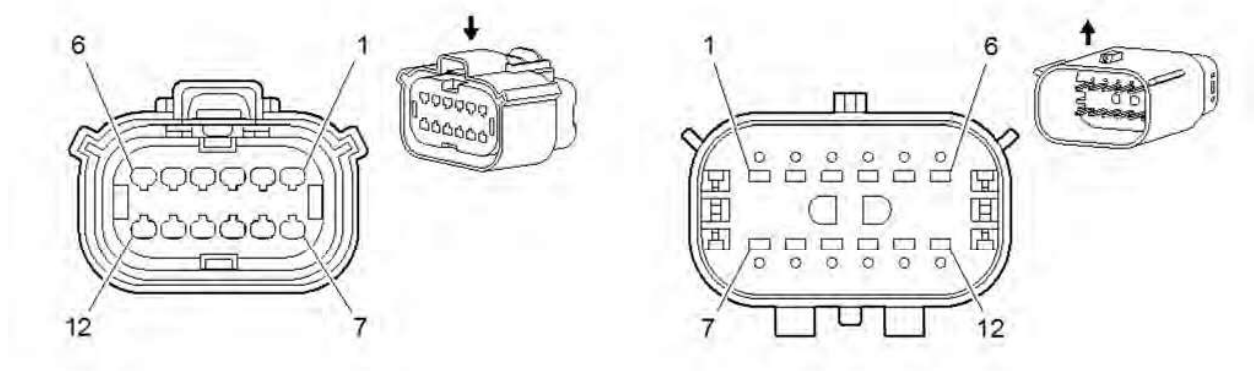
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Available	J-35616-35 (VT)	Not Available
II	13582181	J-35616-35 (VT)	J-38125-215A
III	13575233	J-35616-35 (VT)	J-38125-215A
IV	13575380	J-35616-35 (VT)	J-38125-215A
V	19119443	J-35616-35 (VT)	J-38125-215A
VI	Not Available	Not Available	Not Available

X110 Engine Harness to Body Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	VT/BU	5294	I	-	Powertrain Main Relay Fused Supply (5)	1	0.5	VT/BU	5294	II	-
2	0.5	GY/RD	6109	I	-	Clutch Apply Sensor Voltage Reference	2	0.35	GY/RD	6109	III	-
3	0.5	YE	6111	I	-	Clutch Apply Sensor Signal	3	0.35	YE	6111	III	-
4	0.5	BU/WH	1937	I	-	Secondary Fuel Level Sensor Signal	4	0.35	BU/WH	1937	IV	-
5	0.5	BU/VT	1589	I	-	Primary Fuel Level Sensor Signal	5	0.35	BU/VT	1589	IV	-
6	0.5	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	6	0.35	BK/GN	6281	IV	-
7	0.5	GY	5660	I	-	Fuel Pump Controller Data Out Signal	7	0.35	GY	5660	IV	-
8	0.5	WH	1579	I	-	Fuel Temperature/Composition Signal	8	0.5	WH	1579	IV	-
9	0.5	BU/BN	7573	I	-	Electric Variable Displacement Supply	9	0.35	BU/BN	7573	IV	-
10	0.5 0.5	BK/GY WH/BK	6110 5666	I	-	Clutch Apply Sensor Low Reference Liquid Petroleum Gas Module Control	10	0.35 0.5	BK/GY WH/BK	6110 5666	III	-
11	0.5	BK/BU	1271	I	-		11	0.35	BK/BU	1271	III	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
						Accelerator Pedal Position Low Reference (1)						
12	0.5	YE/WH	1161	I	-	Accelerator Pedal Position Signal (1)	12	0.35	YE/WH	1161	III	-
13	0.5	WH/RD	1164	I	-	Accelerator Pedal Position 5 Volt Reference (1)	13	0.35	WH/RD	1164	III	-
14	0.5	BK/WH	451	I	-	Signal Ground	14	0.5	BK/WH	451	IV	-
15	0.5	BU/WH	7446	I	-	Fuel Line Pressure Sensor Signal	15	0.35	BU/WH	7446	IV	-
16	0.5	GN/GY	465	I	-	Fuel Pump Primary Relay Control	16	0.35 0.5	GN/GY GN/GY	465 465	II	-
17	0.5	BN/WH	419	I	-	Check Engine Indicator Control	17	0.35	BN/WH	419	II	-
18	0.5	BU/YE	7574	I	-	Electric Variable Displacement Control	18	0.35	BU/YE	7574	IV	-
19	0.5	BK/VT	1272	I	-	Accelerator Pedal Position Low Reference (2)	19	0.35	BK/VT	1272	III	-
20	0.5	GN/WH	1162	I	-	Accelerator Pedal Position Signal (2)	20	0.35	GN/WH	1162	III	-
21	0.5	BN/RD	1274	I	-	Accelerator Pedal Position 5 Volt Reference (2)	21	0.35	BN/RD	1274	III	-
22	0.5	VT/YE	5985	I	-	Accessory Wakeup Serial Data	22	0.35	VT/YE	5985	IV	-
23	0.5	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	23	0.35	BK/YE	7447	IV	-
24	0.5	BN/RD	7445	I	-	Fuel Line Pressure Sensor 5V Reference	24	0.35	BN/RD	7445	IV	-
25	0.5	WH/BU	5986	I	-	Serial Data Communication Enable	25	0.35	WH/BU	5986	IV	-
26	0.5	WH/BU	6311	I	-	Cruise/ETC/TCC Brake Signal	26	0.35	WH/BU	6311	IV	-
27	0.5	WH	7494	I	-	High Speed GMLAN Serial Data (-)(3)	27	0.5	WH	7494	IV	-
28	0.5	BU	2500	I	-	High Speed GMLAN Serial Data (+) (1)	28	0.5	BU	2500	IV	-
29	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) (2)	29	0.5	BU/YE	6105	IV	-
30	0.5	BU/YE	6105	I	-	High Speed GMLAN Serial Data (+) (2)	30	0.5	BU/YE	6105	IV	-
31	0.5	BK/YE	5382	I	-	Brake Position Sensor Low Reference	31	0.35	BK/YE	5382	III	-
32	0.5	WH/RD	5381	I	-	Brake Position Sensor 5 Volt Reference	32	0.35	WH/RD	5381	V	-
33	0.5 0.75	RD/BN RD/BN	440 440	I	-	Battery Positive Voltage Battery Positive Voltage	33	0.5	RD/BN	440	II	-
34	0.5	WH/BK	2366	I	-	Cooling Fan Control Relay Speed Signal	34	0.35	WH/BK	2366	IV	-
35	0.5	GY	1724	I	-	Supercharger Boost Solenoid Control	35					
36	0.5	BU/BK	7493	I	-	High Speed GMLAN Serial Data (+)(3)	36	0.5	BU/BK	7493	IV	-
37	0.5	WH	2501	I	-	High Speed GMLAN Serial Data (-) (1)	37	0.5	WH	2501	IV	-
38	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) (2)	38	0.5	WH	6106	IV	-
39	0.5	WH	6106	I	-	High Speed GMLAN Serial Data (-) (2)	39	0.5	WH	6106	IV	-
40	0.5	WH/GN	5380	I	-	Brake Position Sensor Signal	40	0.35	WH/GN	5380	III	-

X111 Body Harness to Engine Harness



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13503526
- Service Connector: 13503528
- Description: 12-Way F 1.5 Series, Sealed (BK)

Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13588067	J-35616-35 (VT)	J-38125-217
II	19119444	J-35616-35 (VT)	J-38125-215A
III	13588067	J-35616-35 (VT)	J-38125-215A
IV	19119441	J-35616-35 (VT)	J-38125-217

X111 Body Harness to Engine Harness

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.5	YE/WH	6030	I	-	Brake Vacuum Sensor Signal	1	0.35	YE/WH	6030	III	-
2	0.5	BK/YE	6032	I	-	Brake Vacuum Sensor Low Reference	2	0.35	BK/YE	6032	III	-
3	0.5	YE/RD	6031	I	-	Brake Vacuum Sensor 5 Volt Reference	3	0.35	YE/RD	6031	III	-
4	0.5	WH/RD	5381	II	-	Brake Position Sensor 5 Volt Reference	4	0.35	WH/RD	5381	IV	-
5	0.5	BK/YE	5382	II	-	Brake Position Sensor Low Reference	5	0.35	BK/YE	5382	IV	-
6	0.5	WH/GN	5380	II	-	Brake Position Sensor Signal	6	0.35	WH/GN	5380	IV	-
7	0.5	WH/RD	7524	I	-	Front Axle Level Sensor 5 Volt Reference	7	0.5	WH/RD	7524	III	-
8	0.5	BK/GY	7526	I	-	Front Axle Level Sensor Low Reference	8	0.5	BK/GY	7526	III	-
9	0.5 0.5	GN BN/WH	9600 7525	I	MG9 or MV5 T3T	Anchor Wire Front Axle Level Sensor Signal	9	0.5 0.5	GN BN/WH	9600 7525	III	- RHD with T3T
10	0.5	GN	9600	I	MG9 or MV5	Anchor Wire	10	0.5	GN	9600	III	-
11	0.5	BU	9601	I	MG9 or MV5	Anchor Wire	11	0.5	BU	9601	III	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
12	0.5	BU	9601	I	MG9 or MV5	Anchor Wire	12	0.5	BU	9601	III	-