

2018 ELECTRICAL
Inline Harness Connector End Views (X302 - X510) - Traverse

INLINE HARNESS CONNECTOR END VIEWS

X302 PASSENGER SEAT HARNESS TO BODY HARNESS

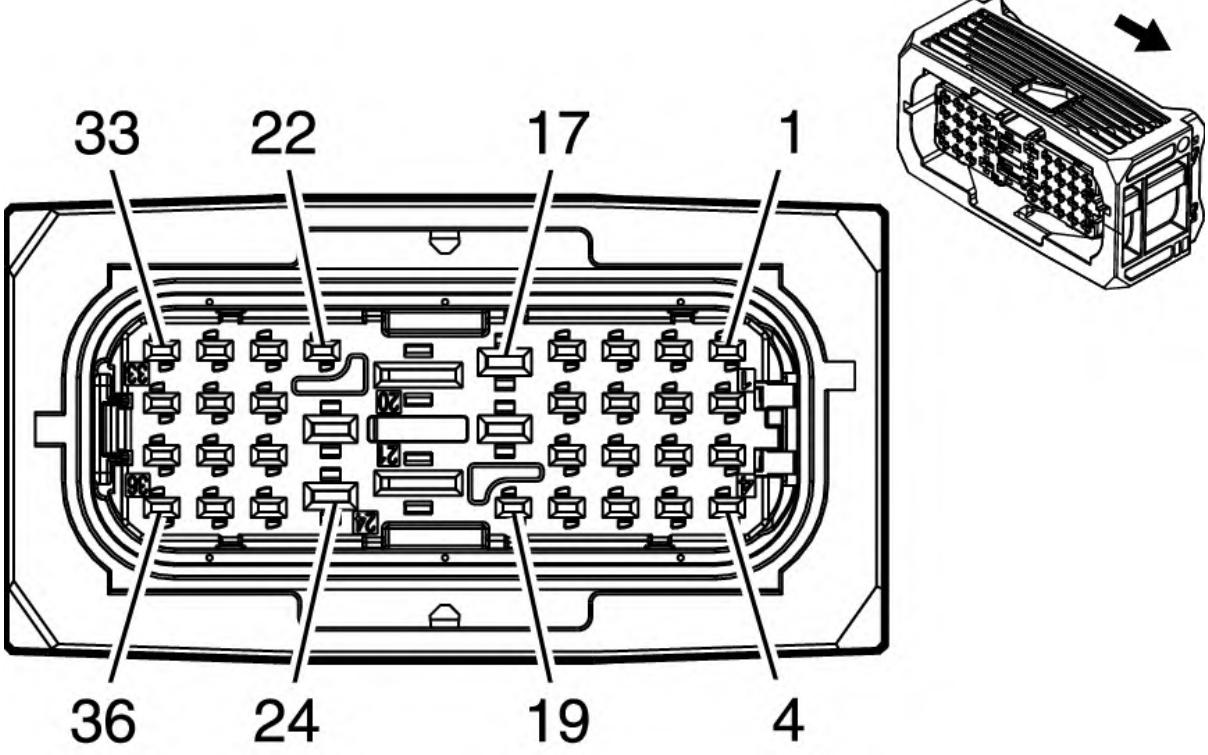


Diagram showing the end view of the X302 Passenger Seat Harness Connector. The diagram is labeled with terminal numbers: 33, 22, 17, 1, 36, 24, 19, and 4. An inset image shows the physical connector with an arrow pointing to the right.

Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 36-Way F

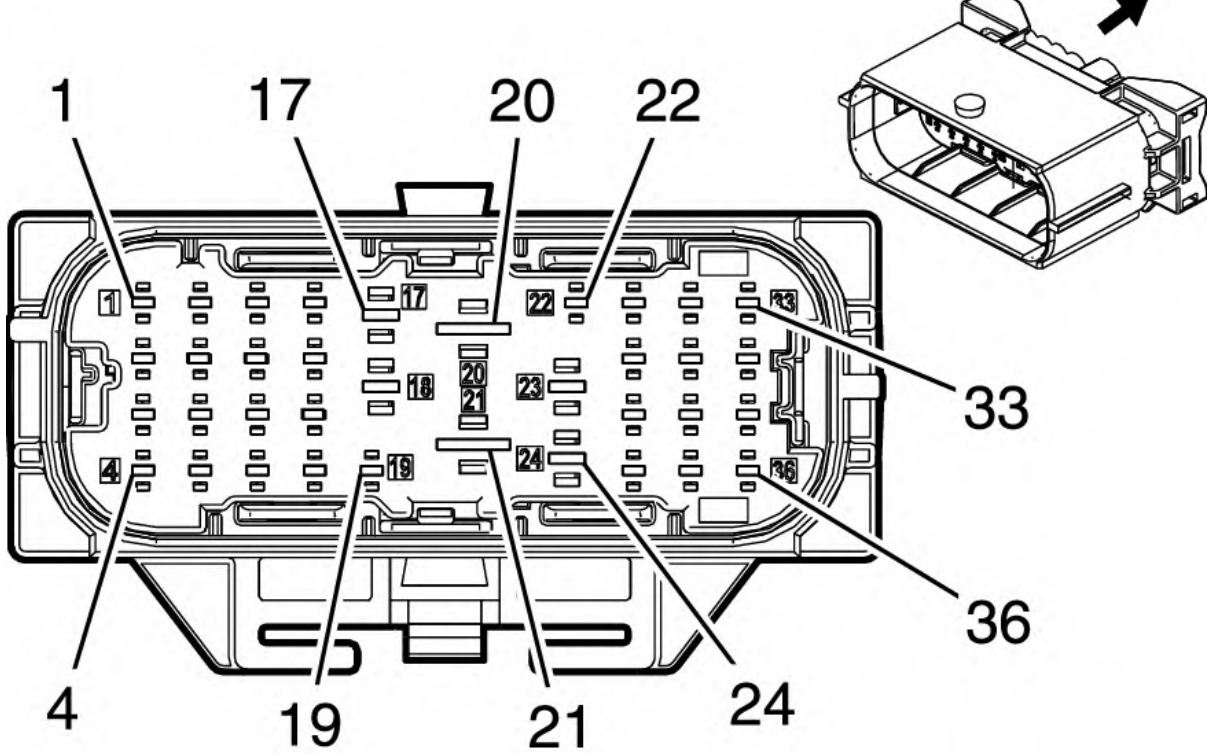


Diagram showing the end view of the X302 Body Harness Connector. The diagram is labeled with terminal numbers: 1, 17, 20, 22, 33, 36, 4, 19, 21, and 24. An inset image shows the physical connector with an arrow pointing to the right.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13583076
- Service Connector: 19330685
- Description: 36-Way M 1.5, 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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
IV	13576397	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
V	13580826	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
VI	13581368	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	19119924	J-35616-34 (YE)	J-38125-560	963898-3	Delphi 24	E	C
VIII	19119926	J-35616-43 (RD)	J-38125-36	964265-2	Lear 28	E	2
IX	19119926	J-35616-43 (RD)	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
XI	19355817	J-35616-5 (PU)	J-38125-36	964265-2	Lear 28	E	2

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	OG/GY	3066	I	-	Passenger Side Impact Module High Control	5	0.5	OG/GY	3066	X	-
6	0.5	BU/OG	3067	I	-	Passenger Side Impact Module Low Control	6	0.5	BN/OG	3067	X	-
7	-	-	-	-	-	Not Occupied	7	-	-	-	-	-
8	0.75	BN/VT	2077	I	-	Driver Heated Seat Element Control	8	0.75	BN/VT	2077	II	-
9	0.75	BN/BK	2078	I	-	Driver Heated Seat Element Low Reference	9	0.75	BN/BK	2078	II	-
10	0.35	BK/YE	2080	I	-	Driver Heated Seat NTC Low Reference	10	0.35	BK/YE	2080	IV	-
11	0.35	YE/GY	2079	I	-	Driver Heated Seat NTC Signal	11	0.35	YE/GY	2079	IV	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.35	BU	2425	I	-	Driver Heated Back NTC Signal	13	0.35	BU	2425	IV	-
14	-	-	-	-	-	Not Occupied	14	-	-	-	-	-
15	0.35	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	15	0.35	GN/BU	6133	III	-
16 - 17	-	-	-	-	-	Not Occupied	16 - 17	-	-	-	-	-
18	0.5	VT/BK	739	I	KU9	Run/Crank Ignition 1 Voltage	18	0.5	VT/BK	739	VI	KU9
19	0.35	GN/VT	5906	I	KU9	Driver Seat Vent Motor Control 1	19	0.35	GN/VT	5906	IV	KU9
20	2	RD/BN	1440	I	AQ5	Battery Positive Voltage	20	2	RD/BN	1440	VIII	AQ5
21	2.5	BK	650	I	AQ5/KA1	Ground	21	2.5	BK	650	IX	AQ5/KA1
22	0.75	RD/BN	1440	I	AQ5	Battery Positive Voltage	22	0.75	RD/BN	1440	II	AQ5
23	1.5	RD/GY	1342	I	-	Battery Positive Voltage	23	1.5	RD/GY	1342	XI	KA1
24	1.5	RD/YE	1442	I	-	Battery Positive Voltage	24	1.5	RD/YE	1442	XI	KA1
25	-	-	-	-	-	Not Occupied	25	-	-	-	-	-
26	0.35	OG/VT	1362	I	-	Passenger Seat Belt Switch Signal	26	0.35	OG/VT	1362	IV	-
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28	0.35	BK/OG	1361	I	-	Passenger Seat Belt Switch Low Reference	28	0.35	BK/OG	1361	IV	-
29	0.35	BK/WH	1251	I	AL0	Signal Ground	29	0.35	BK/WH	1251	IV	AL0
30	-	-	-	-	-	Not Occupied	30	-	-	-	-	-
31	0.5	OG/BN	3479	I	-	Passenger Seat Belt Anchor Pretensioner High Control	31	0.5	OG/BN	3479	X	-
32	0.5	GY/OG	3480	I	-	Passenger Seat Belt Anchor Pretensioner Low Control	32	0.5	GY/OG	3480	VII	-
33	0.35	RD/WH	2040	I	-	Battery Positive Voltage	33	0.35	RD/WH	2040	IV	-
34	0.35	GN	5060	I	AL0	Low Speed GMLAN Serial Data	34	0.35	GN	5060	IV	AL0
35	0.5	GY/OG	3946	I	-	Automatic Locking Retractor Switch Low Reference	35	0.5	GY/OG	3946	II	-
36	0.5	OG/BN	3947	I	-	Automatic Locking Retractor Switch Signal	36	0.5	OG/BN	3947	V	-

X303 LEFT REAR SEAT HARNESS TO BODY HARNESS (W49+KA6)

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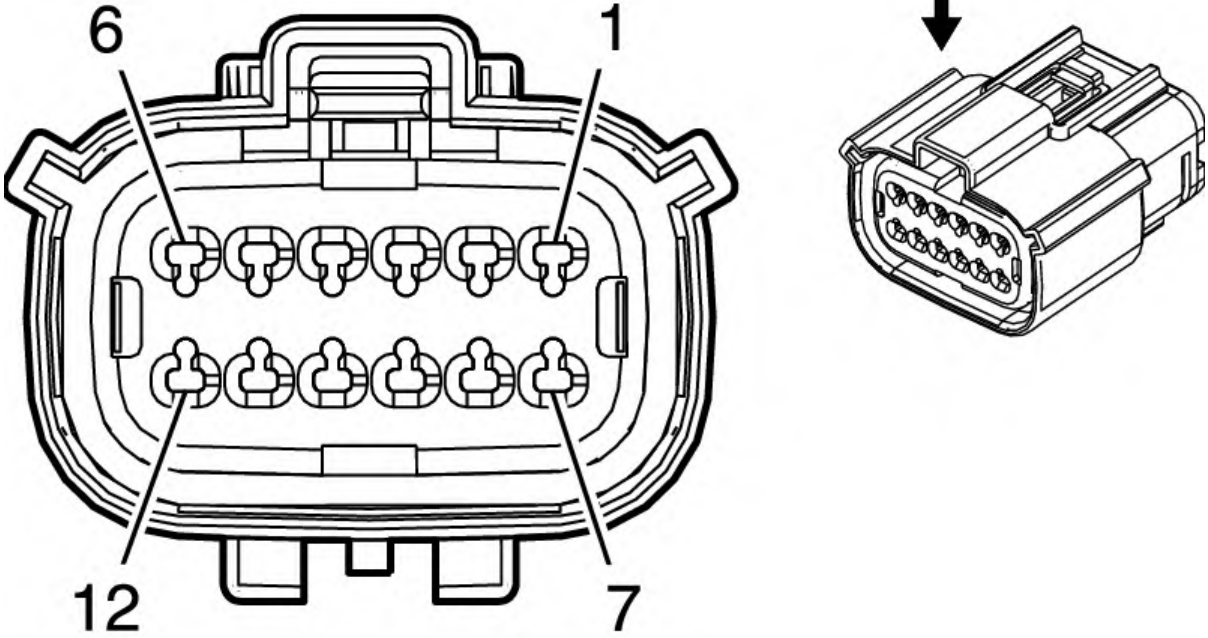


Diagram showing the Left Rear Seat Connector (12-Way F) with terminals labeled 1, 6, 7, and 12. An inset shows the connector being inserted into the harness.

Connector Part Information

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

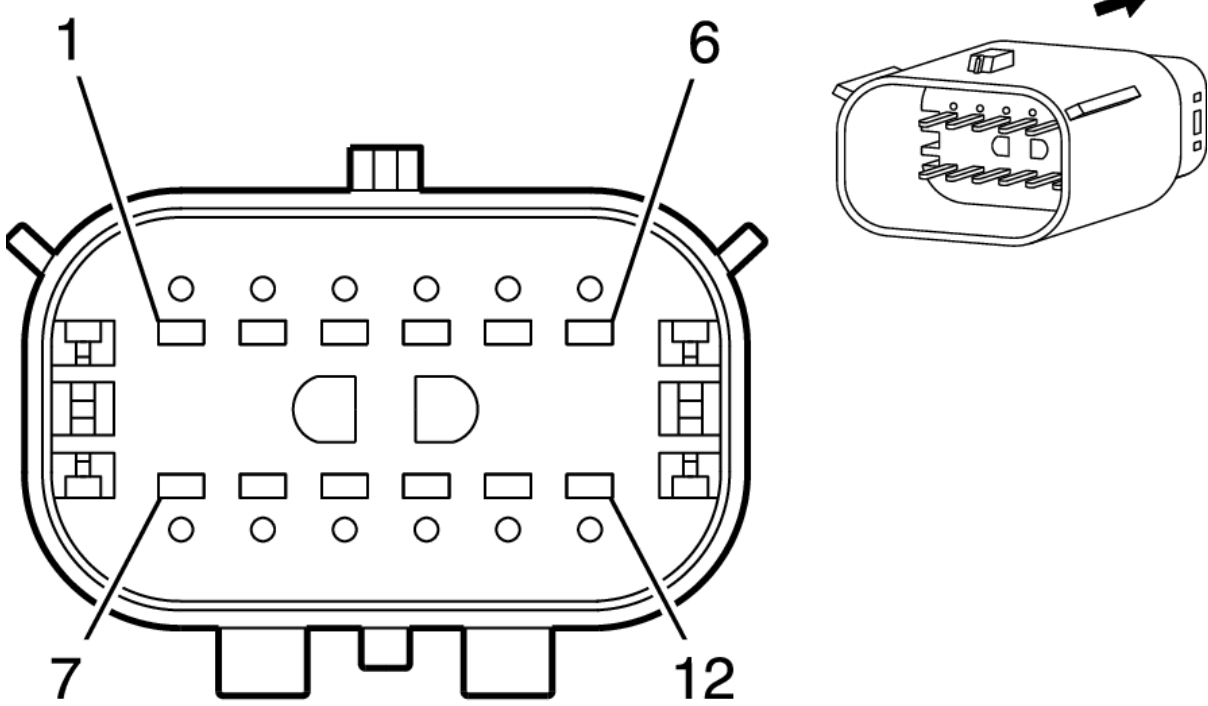


Diagram showing the Body Connector (12-Way M 150 MX Series, Sealed (BK)) with terminals labeled 1, 6, 7, and 12. An inset shows the connector being inserted into the harness.

Connector Part Information

- Harness Type: Body
- OEM Connector: 33482-6201
- Service Connector: 19369242
- Description: 12-Way M 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	19119395	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GN/BN	2296	I	KA6	Right Rear Heated Seat Cushion Element Control	1	0.75	GN/BN	2296	II	-
2	0.75	GN/BK	2457	I	KA6	Right Rear Heated Seat Element Low Reference	2	0.75	GN/BK	2457	II	-
3	1	RD/WH	4740	I	KA6	Battery Positive Voltage	3	1	RD/WH	4740	II	-
4	1	BK	2150	I	KA6	Ground	4	1	BK	2150	II	-
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	1	RD/WH	4740	I	KA6	Battery Positive Voltage	6	1	RD/WH	4740	II	-
7	0.35	WH/BK	7054	I	KA6	Right Rear Cushion NTC Low Reference	7	0.35	WH/BK	7054	III	-
8	0.35	YE/WH	7053	I	KA6	Right Rear Cushion NTC Signal	8	0.35	YE/WH	7053	III	-
9	1	BK	2150	I	KA6	Ground	9	1	BK	2150	II	-
10	0.35	GN/BU	6133	I	KA6	Local Interconnect Network Serial Data Bus 2	10	0.35	GN/BU	6133	III	-
11 - 12	-	-	-	-	-	Not Occupied	11 - 12	-	-	-	-	-

X303 LEFT REAR SEAT HARNESS TO BODY HARNESS (X88+KA6)

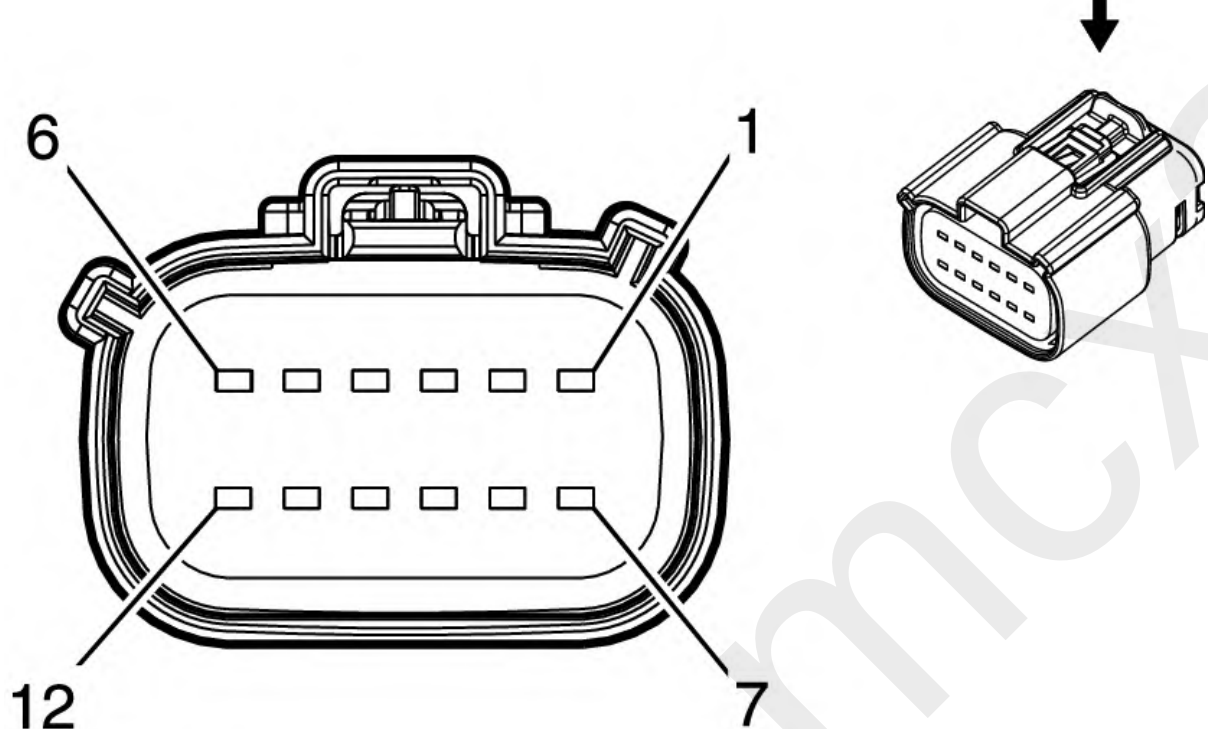


Diagram showing the Left Rear Seat Connector (12-Way F) with terminals labeled 1, 6, 7, and 12. An inset shows the connector being inserted into the harness.

Connector Part Information

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

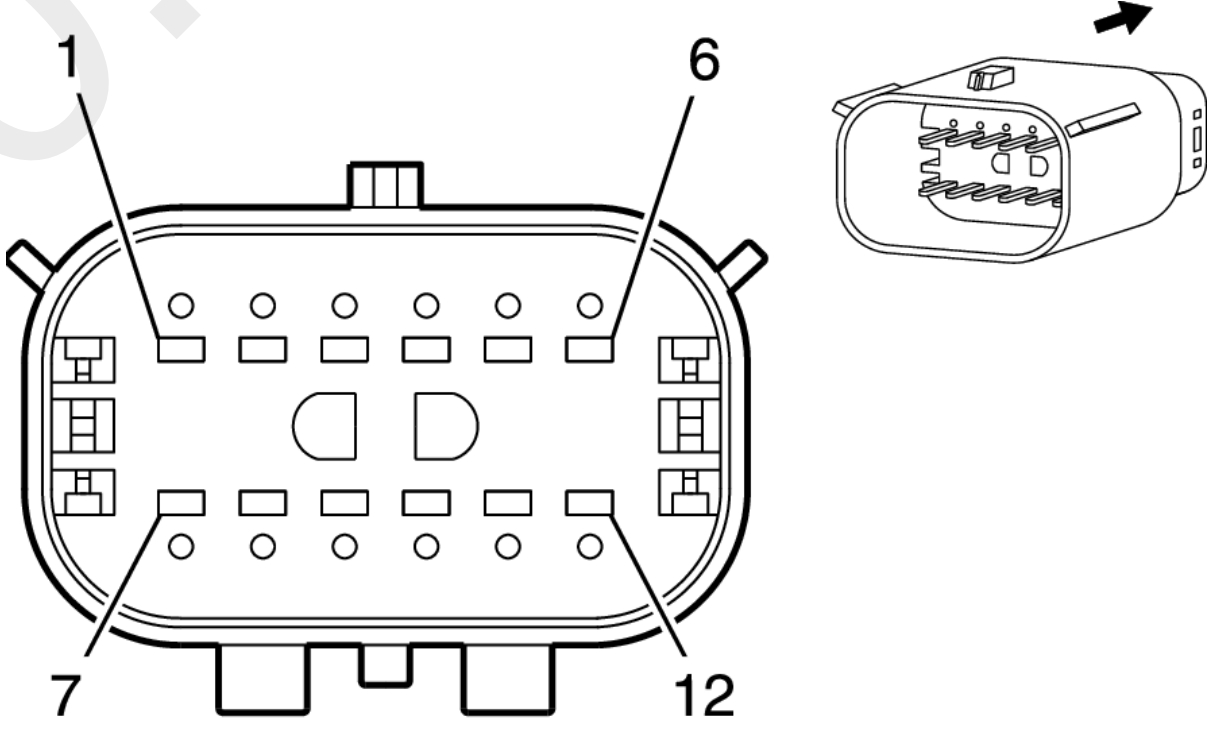


Diagram showing the Body Connector (12-Way M 150 MX Series, Sealed (BK)) with terminals labeled 1, 6, 7, and 12. An inset shows the connector being inserted into the harness.

Connector Part Information

- Harness Type: Body
- OEM Connector: 33482-1201
- Service Connector: 19369242
- Description: 12-Way M 150 MX Series, Sealed (BK)

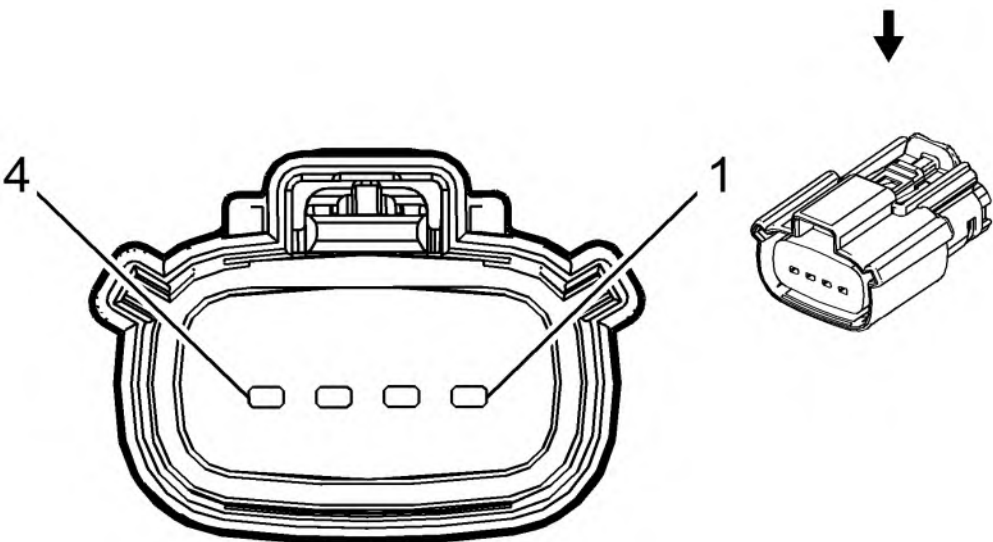
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	19119395	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GN/BN	2296	I	-	Right Rear Heated Seat Cushion Element Control	1	0.75	GN/BN	2296	II	KA6
2	0.75	GN/BK	2457	I	-	Right Rear Heated Seat Element Low Reference	2	0.75	GN/BK	2457	II	KA6
3	1	RD/WH	4740	I	-	Battery Positive Voltage	3	1	RD/WH	4740	II	KA6
4	1	BK	2150	I	-	Ground	4	1	BK	2150	II	KA6
5	-	-	-	-	-	Not Occupied	5	-	-	-	-	-
6	1	RD/WH	4740	I	-	Battery Positive Voltage	6	1	RD/WH	4740	II	KA6
7	0.35	WH/BK	7054	I	-	Right Rear Cushion NTC Low Reference	7	0.35	WH/BK	7054	III	KA6
8	0.35	YE/WH	7053	I	-	Right Rear Cushion NTC Signal	8	0.35	YE/WH	7053	III	KA6
9	1	BK	2150	I	-	Ground	9	1	BK	2150	II	KA6
10	0.35	GN/BU	6133	I	-	Local Interconnect Network Serial Data Bus 2	10	0.35	GN/BU	6133	III	KA6
11 - 12	-	-	-	-	-	Not Occupied	11 - 12	-	-	-	-	-

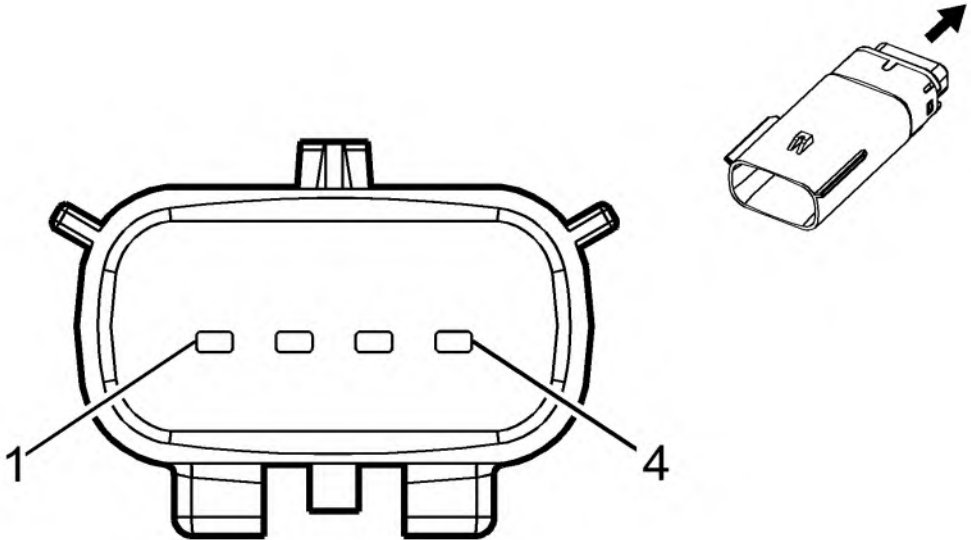
X304 RIGHT REAR SEAT HARNESS TO BODY HARNESS (KA6)

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Connector Part Information

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



Connector Part Information

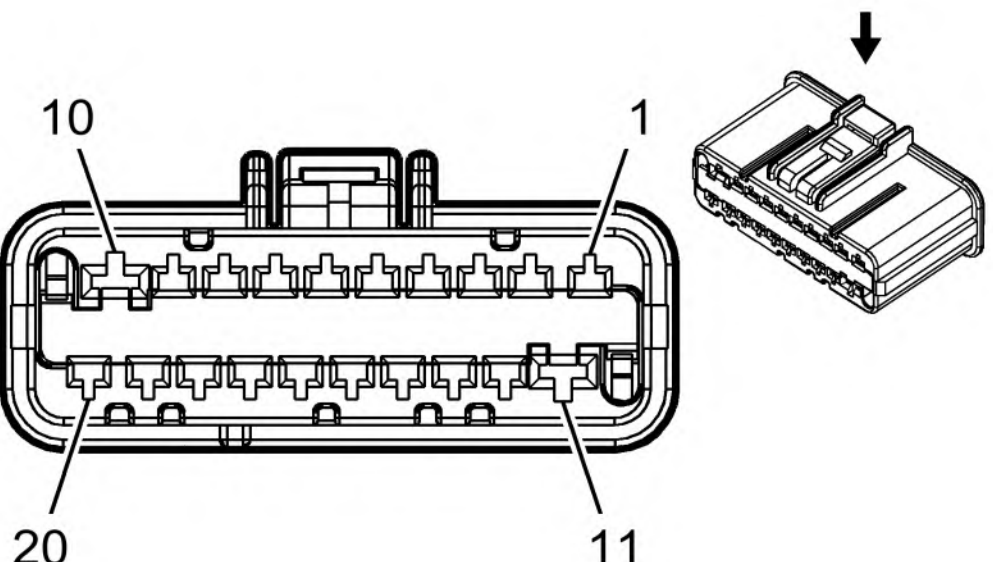
- Harness Type: Body
- OEM Connector: 33481-0401
- Service Connector: 19330690
- Description: 4-Way M 1.5 Series, Sealed (BK)

Terminal Part Information

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

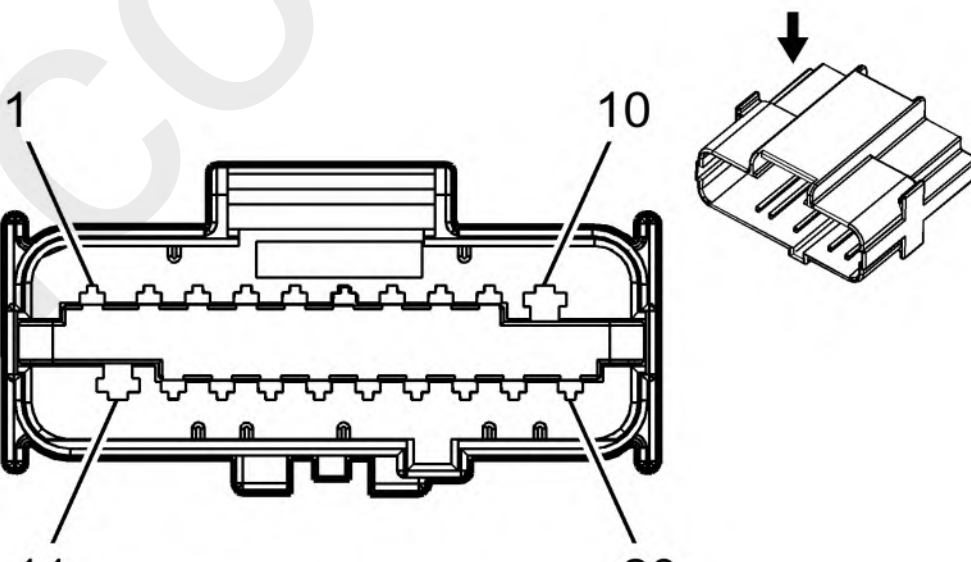
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.75	GN/BN	2296	I	KA6	Right Rear Heated Seat Cushion Element Control	1	0.75	GN/BN	2296	II	KA6
2	0.35	YE/WH	7053	I	KA6	Right Rear Cushion NTC Signal	2	0.35	YE/WH	7053	II	KA6
3	0.35	WH/BK	7054	I	KA6	Right Rear Cushion NTC Low Reference	3	0.35	WH/BK	7054	II	KA6
4	0.75	GN/BK	2457	I	KA6	Right Rear Heated Seat Element Low Reference	4	0.75	GN/BK	2457	II	KA6

X305 BODY HARNESS TO HEADLINER HARNESS



Connector Part Information

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



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 2098380-2
- Service Connector: 13580852
- Description: 20-Way M 1.5, 2.8 Series (GY)

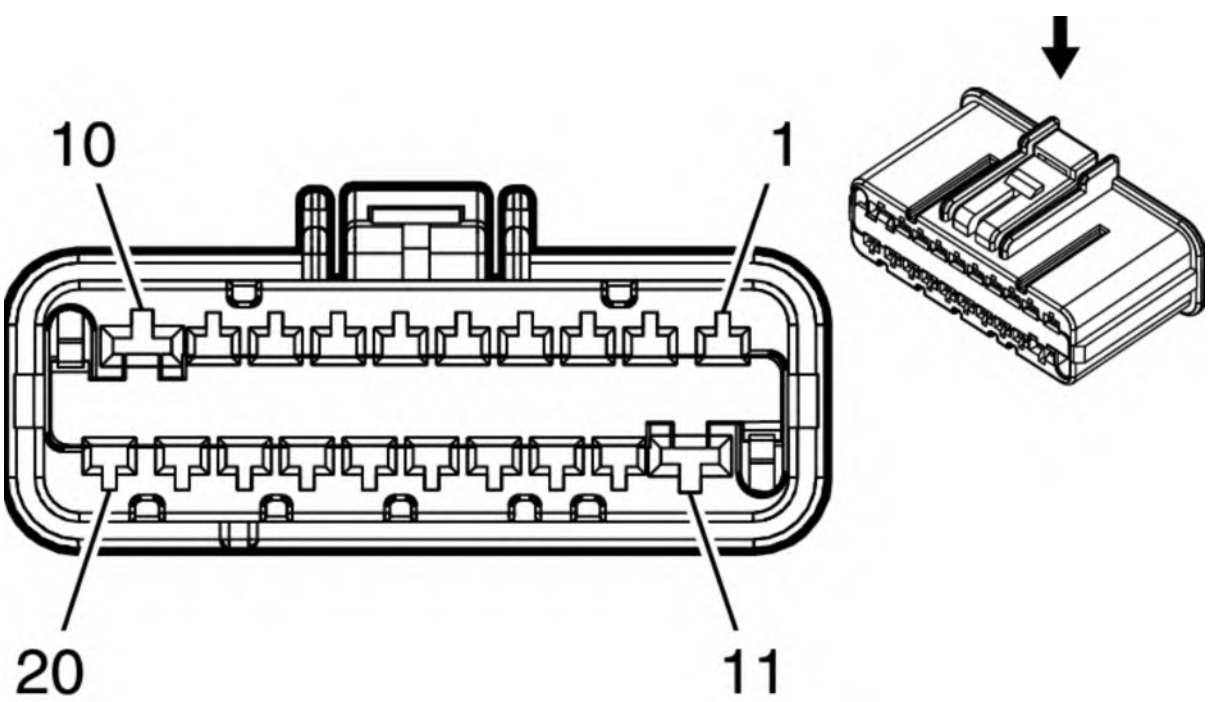
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575809	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13575839	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	13575824	J-35616-5 (PU)	J-38125-11A	7114-4112-02	Yazaki 9	C	D
V	19119395	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
VI	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	0.35	BK/WH	1351	I	UGN/UEU	Signal Ground	1	0.35	BK/WH	1351	VI	-
2	0.35	RD/BN	4940	I	UEU	Battery Positive Voltage	2	0.35	RD/BN	4940	VI	UEU
3	0.35	GY/BN	3010	I	-	Noise Reduction Microphone 3 Low Reference	3	0.5	GY/BN	3010	V	-
4	0.35	GY/BU	3007	I	-	Noise Reduction Microphone 3 Signal	4	0.5	GY/BU	3007	V	-
5	0.35 0.35	WH/GN WH/GN	1776 1776	III I	UQA UQF	Noise Reduction Microphone #4 Return Noise Reduction Microphone #4 Return	5	0.5	WH/GN	1776	V	-
6	0.35	VT/BU	1775	I	-	Noise Reduction Microphone #4 Signal	6	0.5	VT/BU	1775	V	-
7	0.35	WH	3811	I	UGN	High Speed GMLAN Serial Data (-) 4	7	0.35	WH	3811	VI	UEU+UGN
8	0.35	BU/VT	3813	I	UGN	High Speed GMLAN Serial Data (+) 4	8	0.35	BU/VT	3813	VI	UEU+UGN
9	0.35	GN/BN	6132	I	C3U	Local Interconnect Network Serial Data Bus 1	9	0.35	GN/BN	6132	VI	C3U
10	1	BK	1350	II	C3U	Ground	10	2	BK	1350	IV	-
11	1	RD/GY	3540	II	C3U	Battery Positive Voltage	11	2	RD/GY	3540	IV	-
12	0.35	GY	157	I	-	Interior Lamp Control	12	0.35	GY	157	VI	-
13 - 14	-	-	-	-	-	Not Occupied	13 - 14	-	-	-	-	-
15	0.35	WH/BN	6815	I	-	Inadvertent Power Control	15	0.35	WH/BN	6815	VI	-

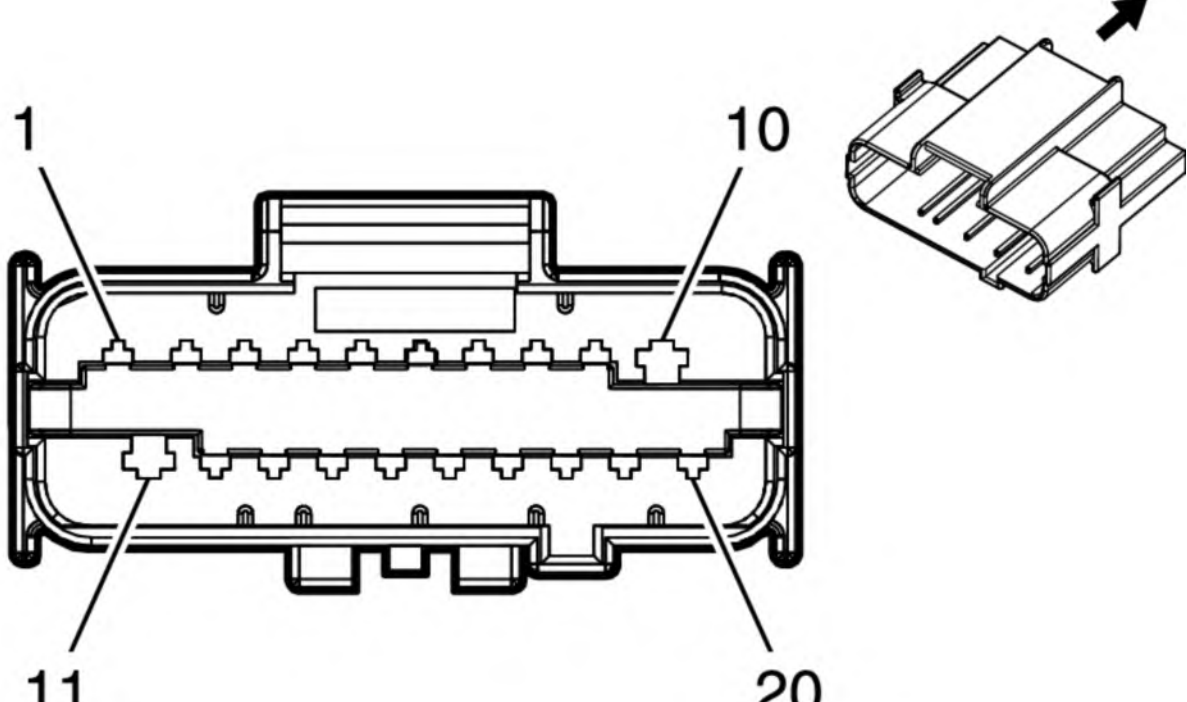
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
16	0.35	WH	2501	I	-	High Speed GMLAN Serial Data (-) 1	16	0.35	WH	2501	VI	-
17	0.35	BU	2500	I	-	High Speed GMLAN Serial Data (+) 1	17	0.35	BU	2500	VI	-
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	RD/BU	3940	I	-	Battery Positive Voltage	19	0.35	RD/BU	3940	VI	-
20	-	-	-	-	-	Not Occupied	20	-	-	-	-	-

X306 BODY HARNESS TO HVAC REAR HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 2098377-1
- Service Connector: 13587962
- Description: 20-Way F 1.5, 2.8 Series (BK)



Connector Part Information

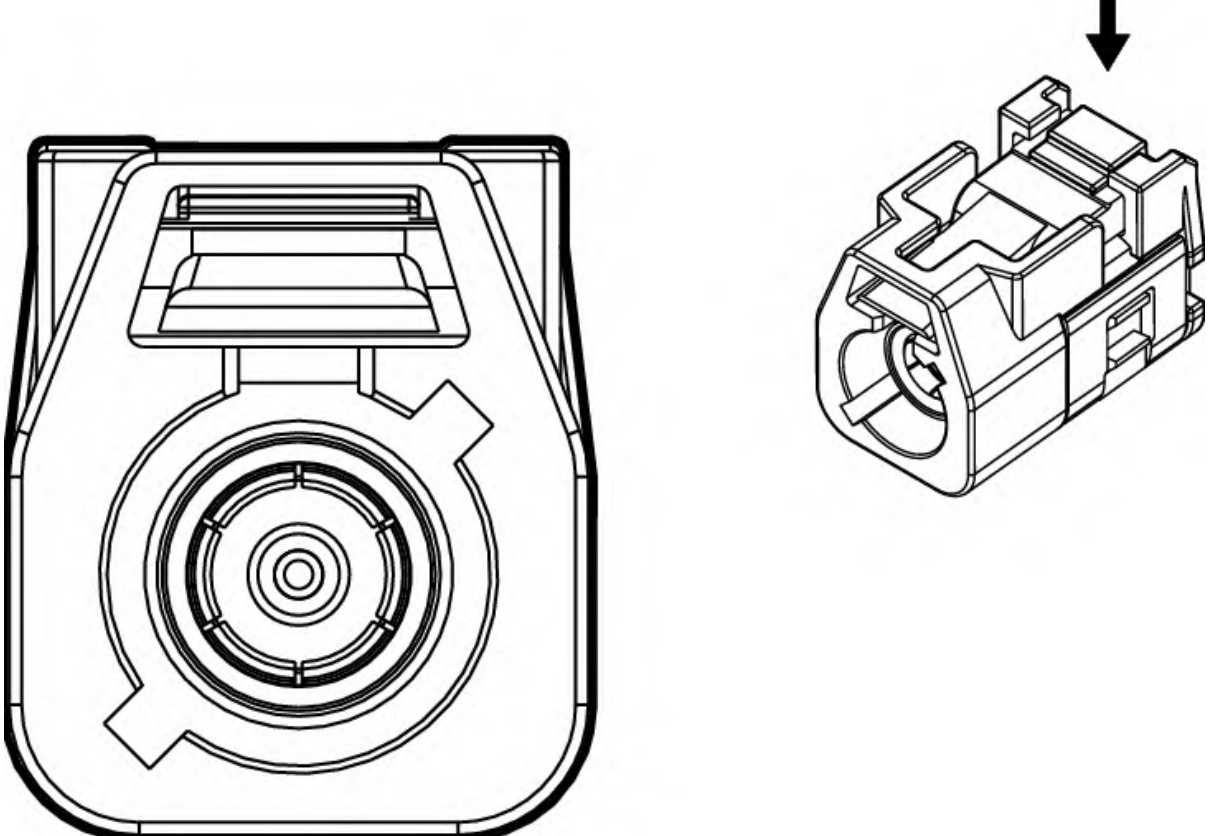
- Harness Type: HVAC Rear
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way M (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575809	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	19368264	J-35616-35 (VT)	J-38125-11A	7116-4112-02	Yazaki 9	C	D
III	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

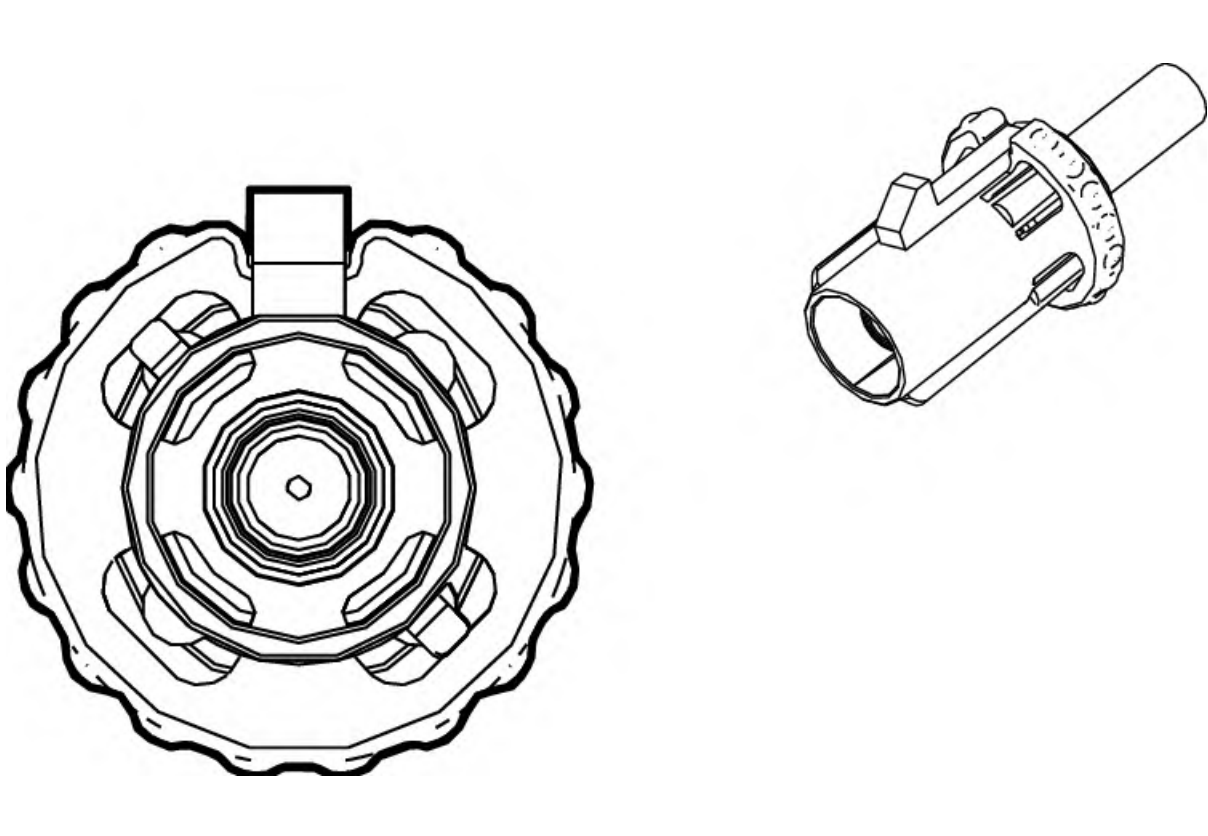
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	0.35	WH/GN	3189	I	-	Temp Door Stepper Motor Rear Control 1	1	0.35	WH/BN	3189	III	-
2	0.35	GY	3190	I	-	Temp Door Stepper Motor Rear Control 2	2	0.35	GY	3190	III	-
3	0.35	BU/VT	3191	I	-	Temp Door Stepper Motor Rear Control 3	3	0.35	GY/BU	3191	III	-
4	0.35	YE/BK	3192	I	-	Temp Door Stepper Motor Rear Control 4	4	0.35	YE	3192	III	-
5	0.35	YE/BK	3185	I	-	Mode Door Stepper Motor Rear Control 1	5	0.35	WH/OG	3185	III	-
6	0.35	GN/BK	3186	I	-	Mode Door Stepper Motor Rear Control 2	6	0.35	BK/GN	3186	III	-
7	0.35	BU/BK	3187	I	-	Mode Door Stepper Motor Rear Control 3	7	0.35	GY	3187	III	-
8	0.35	GY/BK	3188	I	-	Mode Door Stepper Motor Rear Control 4	8	0.35	WH	3188	III	-
9	0.35	GN/WH	5729	I	-	Rear Mode Motor Control	9	0.35	GY/RD	5729	III	-
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	2.5	RD/GY	1740	II	-	Battery Positive Voltage	11	2.5	RD/GY	1740	III	-
12	0.35	GN/BK	2211	I	-	Rear Blower Motor Speed Control	12	0.35	GN/BK	2211	III	-
13	0.35	BN	404	I	-	Upper Air Temperature Sensor Signal	13	0.35	BN	404	III	-
14	0.35	BN/BK	405	I	-	Lower Air Temperature Sensor Signal	14	0.35	BN/BK	405	III	-
15	0.35	BK/BU	7566	I	-	Humidity/Windscreen Temp Sensor Low Reference	15	0.35	BK/YE	7566	III	-
16 - 20	-	-	-	-	-	Not Occupied	16 - 20	-	-	-	-	-

X307 HEADLINER HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13586875
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)



Connector Part Information

- Harness Type: Body
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (BU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
-	-	Coax	-	I	-	(ISRVM) Camera Video Signal	-	-	Coax	-	I	-

X338 LEFT REAR SEAT HARNESS TO RIGHT REAR SEAT HARNESS (AS8)

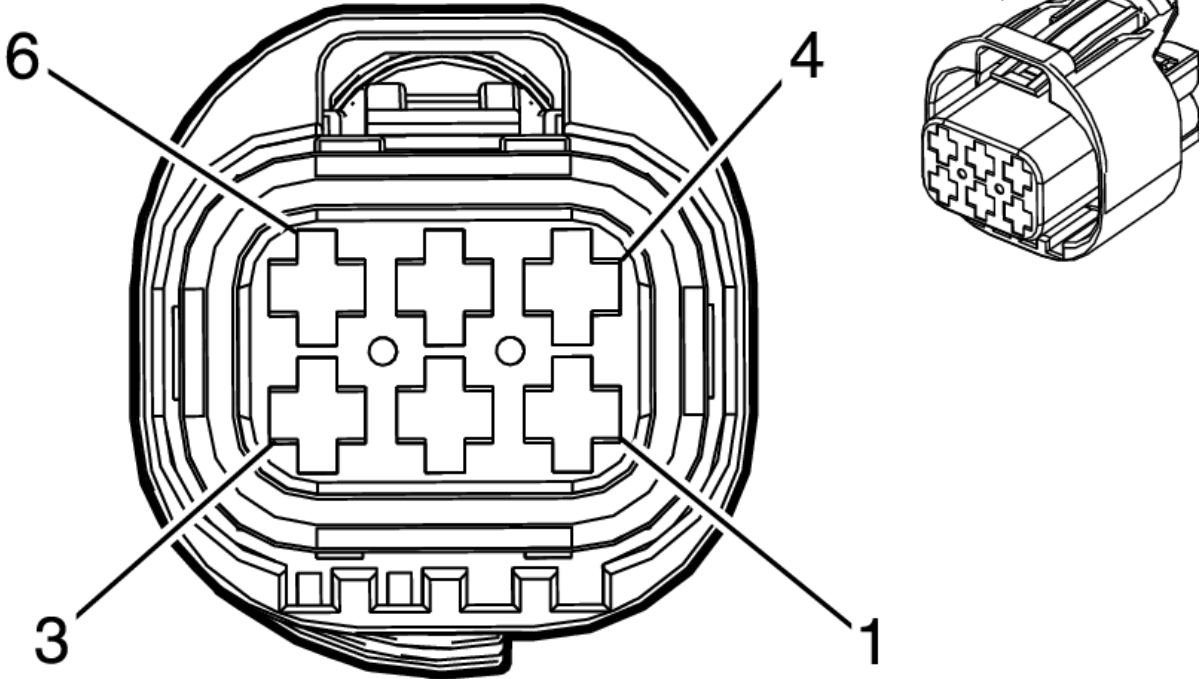


Diagram showing the terminal layout of the Left Rear Seat connector. Terminals are labeled 1 through 6. A 3D view of the connector is shown with a downward arrow.

Connector Part Information

- Harness Type: Left Rear Seat
- OEM Connector: 13125598
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 2.8 Junior Power Timer Series, Sealed (BK)

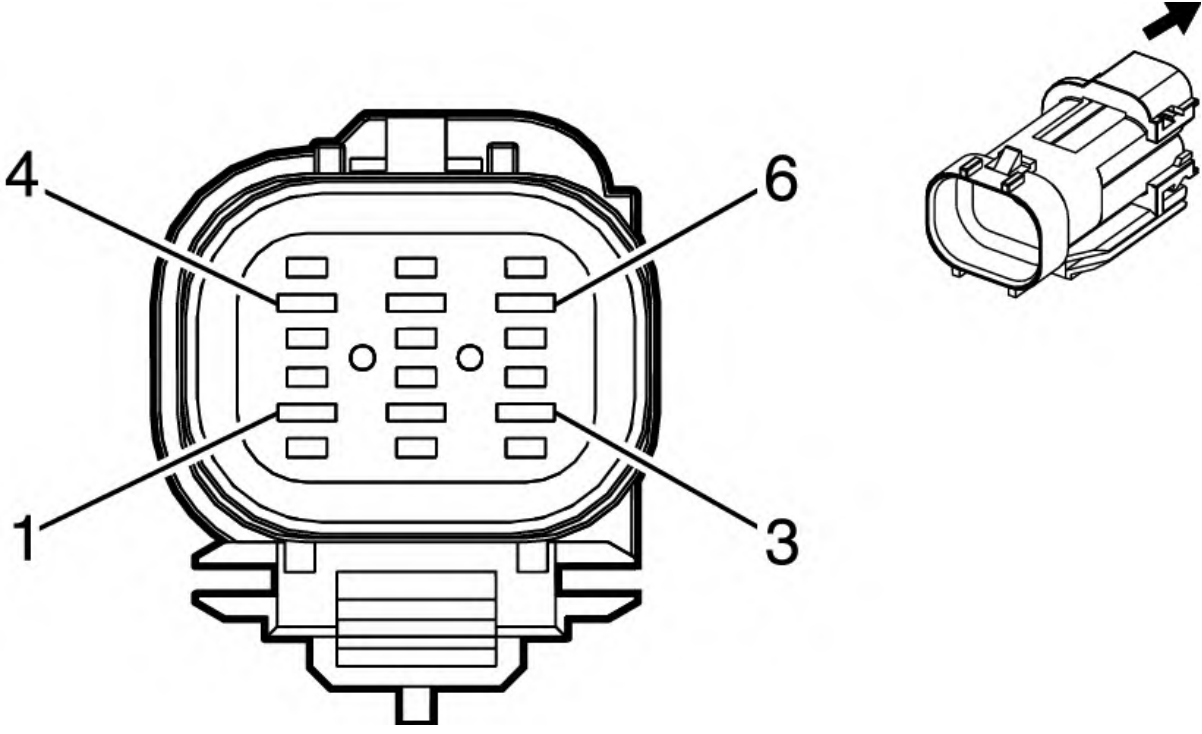


Diagram showing the terminal layout of the Right Rear Seat connector. Terminals are labeled 1 through 6. A 3D view of the connector is shown with an upward arrow.

Connector Part Information

- Harness Type: Right Rear Seat
- OEM Connector: 13125599
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way M 2.8 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	1.5	GY/OG	4218	I	-	RH Third Row Seat Recline Rearward Control	1	1.5	GY/OG	4218	II	-
2	0.35	VT/RD	4215	I	-	Seat Sensor Voltage Reference #2	2	0.35	VT/RD	4215	II	-
3	1.5	VT/GY	4225	I	-	RH Third Row Seat Recline Forward Lock Actuator Control	3	1.5	VT/GY	4225	II	-
4	1.5	BU	4217	I	-	RH Third Row Seat Recline Motor Forward Control	4	1.5	BU	4217	II	-
5	0.35	WH/VT	4213	I	-	RH Third Row Seat Recline Position Sensor Signal	5	0.35	WH/VT	4213	II	-
6	1.5	GN	4226	I	-	RH Third Row Seat Recline Rearward Lock Actuator Control	6	1.5	GN	4226	II	-

X340 BODY HARNESS TO LEFT REAR SEAT HARNESS (AS8)

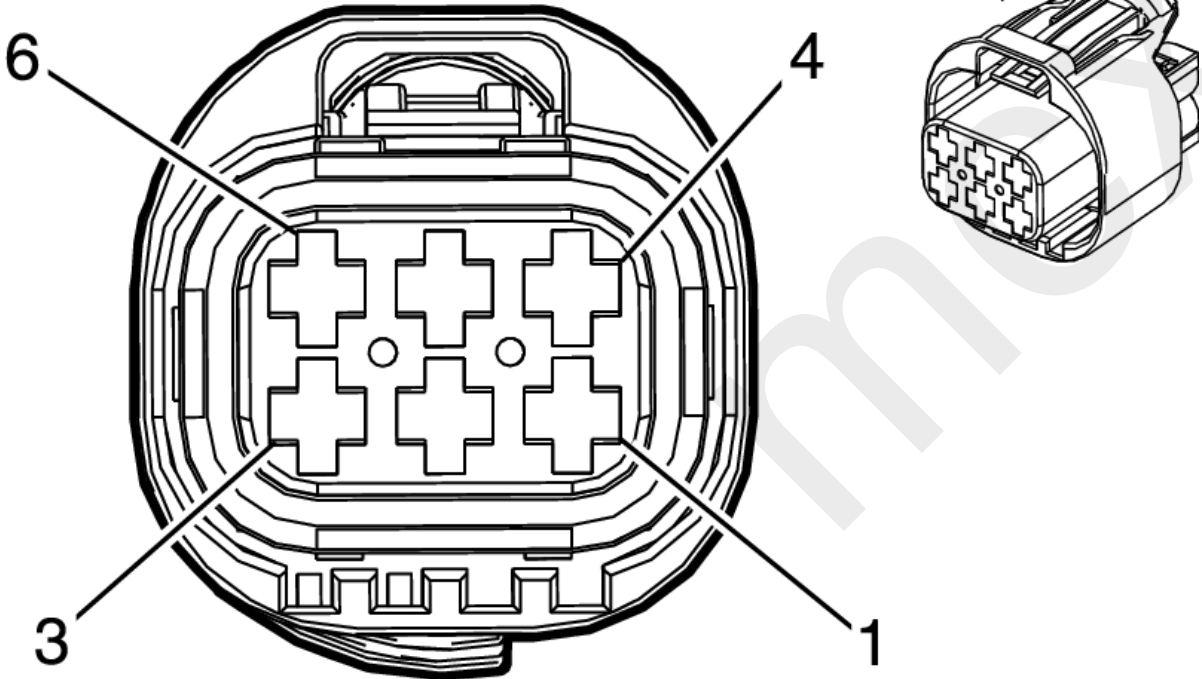


Diagram showing the terminal layout of the Body connector. Terminals are labeled 1 through 6. A 3D view of the connector is shown with a downward arrow.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13125598
- Service Connector: 13355746
- Description: 6-Way F 2.8 Junior Power Timer Series, Sealed (BK)

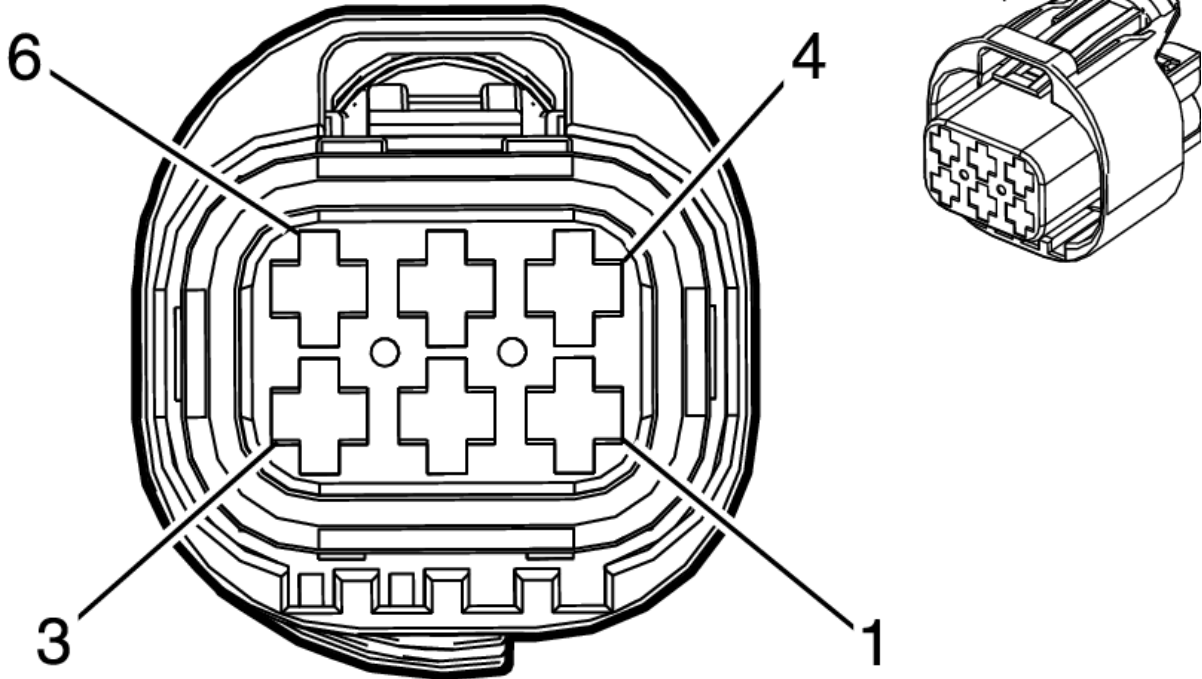


Diagram showing the terminal layout of the Left Rear Seat connector. Terminals are labeled 1 through 6. A 3D view of the connector is shown with a downward arrow.

Connector Part Information

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

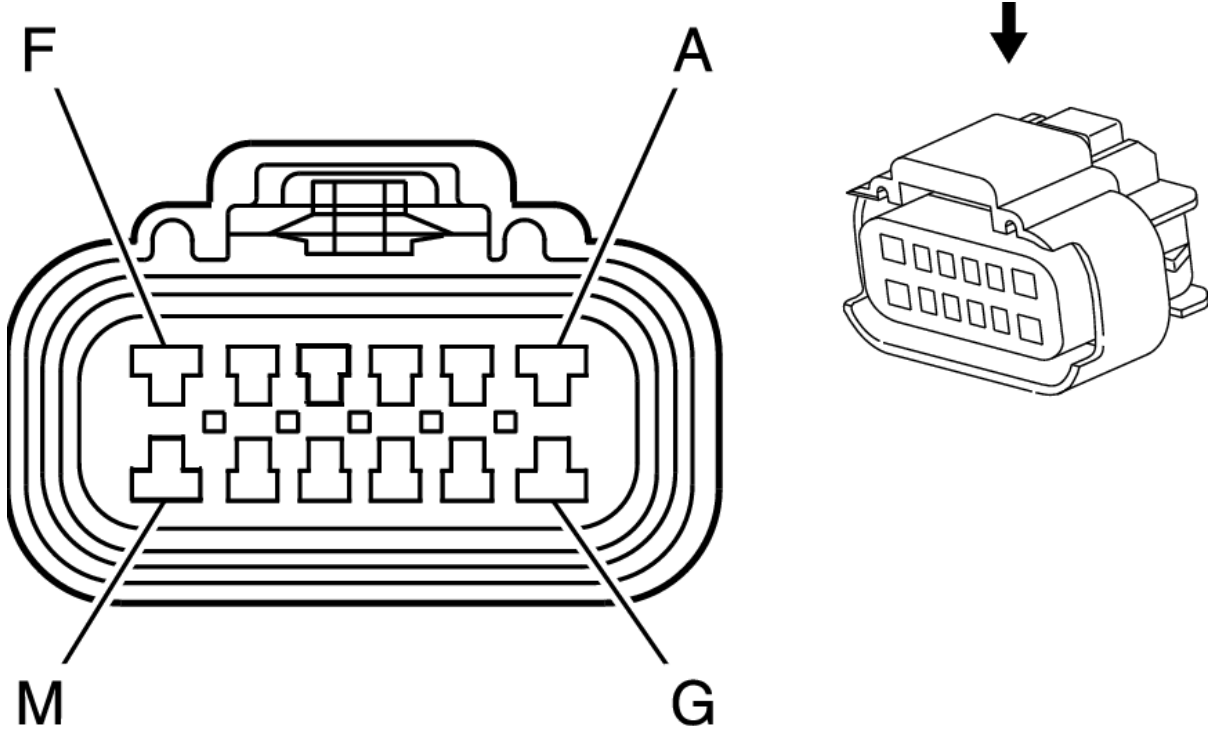
Terminal Part Information

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	2.5	RD/BU	1240	I	AS8	Battery Positive Voltage	1	2.5	RD/BU	1240	II	AS8
2	0.5	GN	4224	I	AS8	LH Third Row Seat Recline Rearward Signal	2	0.5	GN	4224	II	AS8
3	0.5	GN/BK	4223	I	AS8	LH Third Row Seat Recline Forward Signal	3	0.5	GN/BK	4223	II	AS8
4	0.5	YE	4220	I	AS8	RH Third Row Seat Recline Rearward Signal	4	0.5	YE	4220	II	AS8
5	0.5	YE/BK	4219	I	AS8	RH Third Row Seat Recline Forward Signal	5	0.5	YE/BK	4219	II	AS8
6	2.5	BK	2050	I	AS8	Ground	6	2.5	BK	2050	II	AS8

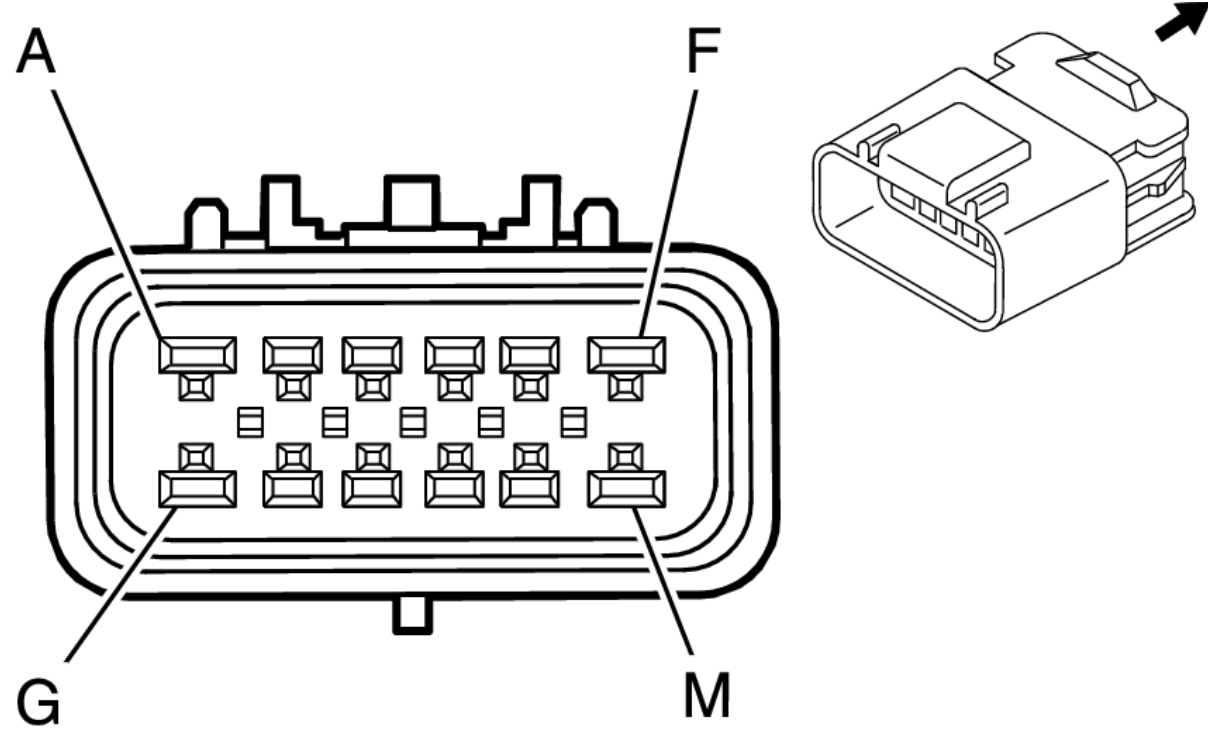
X350 BODY HARNESS TO FUEL TANK HARNESS

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Connector Part Information

- Harness Type: Body
- OEM Connector: 19177597
- Service Connector: 88988440
- Description: 12-Way F 150, 280 GT Series, Sealed (BK)



Connector Part Information

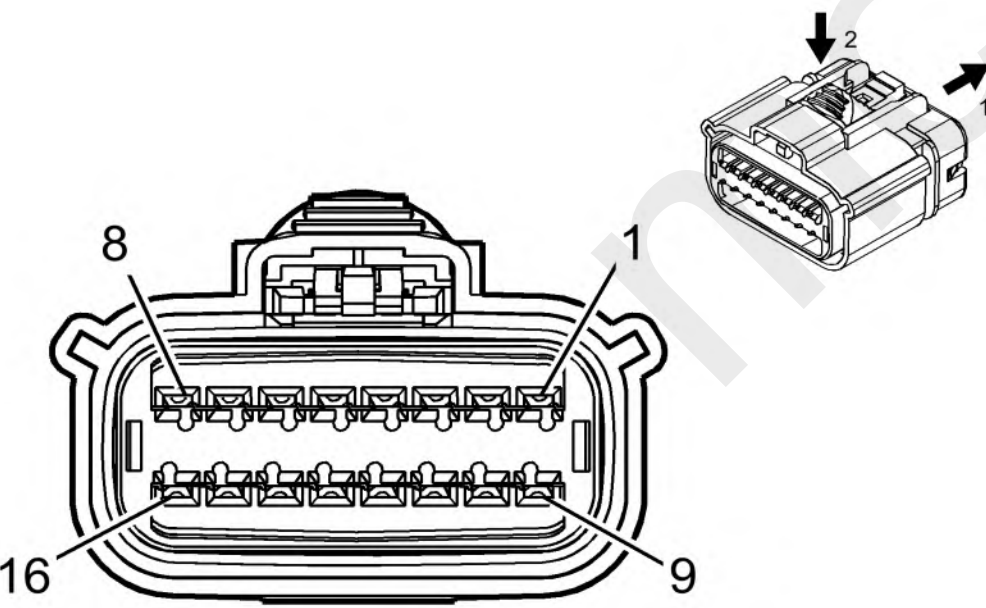
- Harness Type: Fuel Tank
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way M

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575412	J-35616-2A (GY)	J-38125-553	Not Available	Not Available	Not Available	Not Available
II	13576356	J-35616-4A (PU)	J-38125-553	15304719	Delphi 19	E	5
III	13579782	J-35616-4A (PU)	J-38125-553	15304720	Delphi 19	4	5
IV	13579782	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available
V	13587400	J-35616-14 (GN)	J-38125-553	15304719	Delphi 19	E	5
VI	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

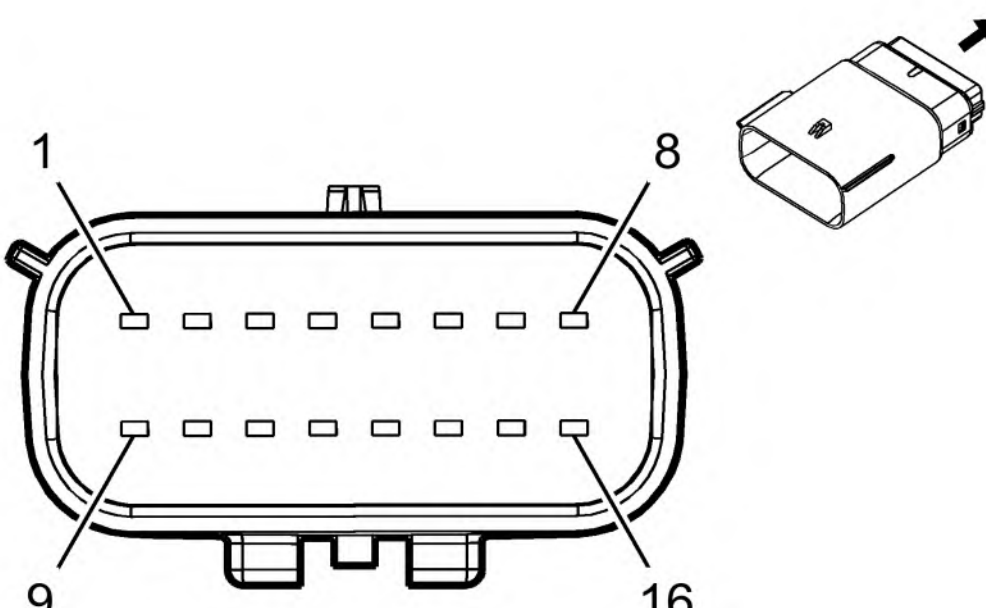
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
A	2.5	GY	120	IV	-	Fuel Pump Control	A	2.5	GY	120	VI	-
B	0.5	BK/GN	6281	I	NTB/NUB	Fuel Level Sensor Low Reference	B	0.5	BK/GN	6281	VI	NTB/NUB
C	0.5	YE/RD	2709	V	NTB/NUB	Fuel Tank Pressure Sensor 5V Reference	C	0.5	YE/RD	2709	VI	NTB/NUB
D	0.5	BK/YE	7447	I	-	Fuel Line Pressure Sensor Low Reference	D	0.5	BK/YE	7447	VI	-
E	0.5	BU	7444	I	-	Fuel System Control Module Shield Ground	E	0.5	BU	7444	VI	-
F	0.5	BU/WH	890	II	NTB/NUB	Fuel Tank Pressure Sensor Signal	F	0.5	BU/WH	890	VI	NTB/NUB
G	2.5	BK/GN	1580	III	-	Fuel Pump Low Reference	G	2.5	BK/GN	1580	VI	-
H	0.5	BU/WH	7446	V	-	Fuel Line Pressure Sensor Signal	H	0.5	BU/WH	7446	VI	-
J	0.5	BN/RD	7445	I	-	Fuel Line Pressure Sensor 5V Reference	J	0.5	BN/RD	7445	VI	-
K	0.5	BU/VT	1589	V	-	Primary Fuel Level Sensor Signal	K	0.5	BU/VT	1589	VI	-
L	0.5	BK/GN	6281	I	-	Fuel Level Sensor Low Reference	L	0.5	BK/GN	6281	VI	-
M	0.5	BU/WH	1937	II	F48	Secondary Fuel Level Sensor Signal	M	0.5	BU/WH	1937	VI	F48

X400 BODY HARNESS TO REAR FASCIA HARNESS



Connector Part Information

- Harness Type: Body
- OEM Connector: 13590423
- Service Connector: 19366643
- Description: 16-Way F 1.5 OCS Series (BK)



Connector Part Information

- Harness Type: Rear Fascia
- OEM Connector: 13590422
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way M OCS 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	19300432	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
III	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
IV	19301767	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
V	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	RD/BN	4940	IV	UKC+UEU	Battery Positive Voltage	1	0.35	RD/BN	4940	V	-
	0.5	RD/BN	4940	II	UKC+UEU-UGN	Battery Positive Voltage						
2	0.5	BN/WH	2374	IV	-	Object Sensor Control	2	0.5	BN/WH	2374	V	-
3	0.5	YE	2375	IV	-	Left Rear Corner Object Sensor Signal	3	0.5	YE	2375	V	-
4	0.5	YE/BU	2376	IV	-	Left Rear Middle Object Sensor Signal	4	0.5	YE/BU	2376	V	-
5	0.5	BK/GY	2379	II	UD5/UD7	Object Sensor Low Reference	5	0.5	BK/GY	2379	V	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
6	0.5	YE/VT	2378	IV	-	Right Rear Corner Object Sensor Signal	6	0.5	YE/VT	2378	V	-
7	0.5	YE/WH	2377	IV	UD5/UD7	Right Rear Middle Object Sensor Signal	7	0.5	YE/WH	2377	V	-
8	0.35	GN/BN	4118	III	TC2	Local Interconnect Network Serial Data Bus 18	8	0.5	GN/BN	4118	V	TC2
9	0.35	BK/WH	1351	III	UKC/TC2	Signal Ground	9	0.35 0.35	BK/WH BK/WH	1351 151	V V	UKC TC2-UKC
10	0.35	GY/YE	5853	III	-	Driver Side Object Detection LED Signal 1	10	0.35	GY/YE	5853	V	-
11	0.35	GY	5861	III	-	Passenger Side Object Detection LED Signal 1	11	0.35	GY	5861	V	-
12	0.35	GY	2066	III	TC2	Handsfree Projection Lamp Control	12	0.35	GY	2066	V	TC2
13	0.75	BK	1350	I	T79/TC2	Ground	13	0.35 0.75	BK BK	1350 1350	V V	TC2-T79 T79
14	0.35	RD/WH	1340	III	TC2	Battery Positive Voltage	14	0.5	RD/WH	1340	V	TC2
15	0.35	YE/GY	122	III	T79	Rear Fog Lamp Control	15	0.75	YE/GY	122	V	T79
16	0.35	GN	5060	III	UKC	Low Speed GMLAN Serial Data	16	0.35	GN	5060	V	-

X407 HEADLINER HARNESS TO SUNROOF HARNESS (C3U)

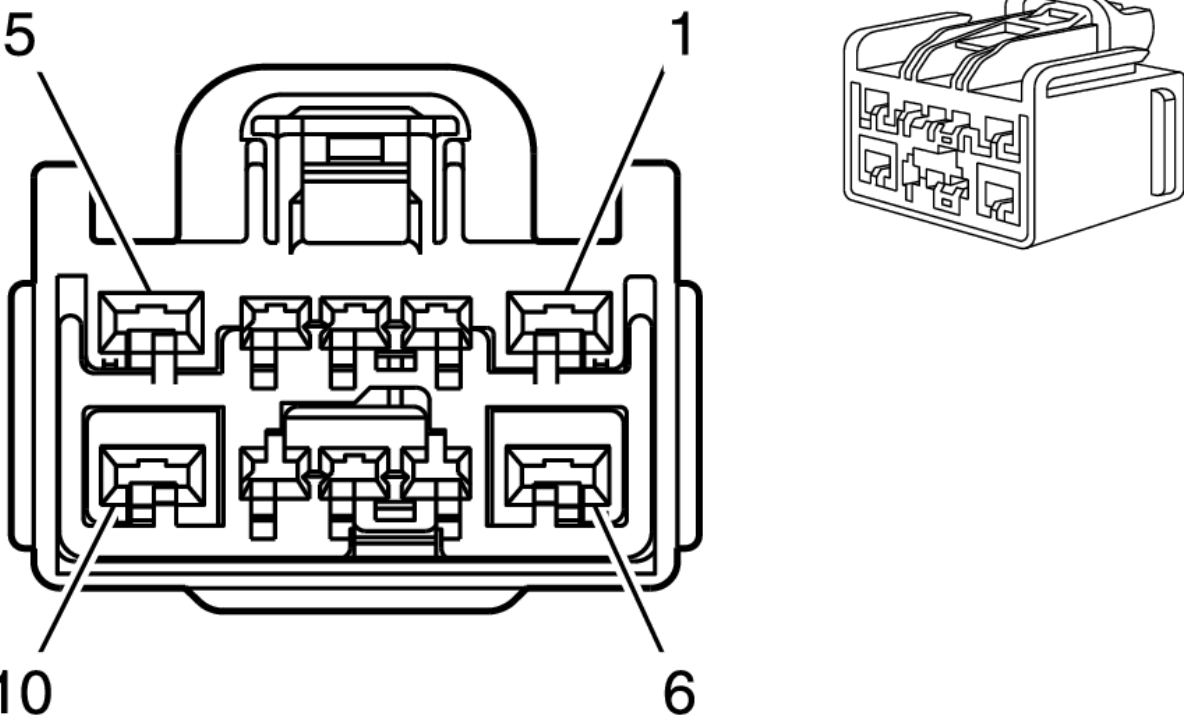


Diagram of the X407 Headliner Connector. It shows a 10-pin connector with pins labeled 1 through 10. Pin 1 is at the top left, pin 2 is at the top right, pin 3 is in the middle left, pin 4 is in the middle right, pin 5 is at the bottom left, pin 6 is at the bottom right, pin 7 is in the center, pin 8 is in the center, pin 9 is in the center, and pin 10 is in the center. A small inset image shows the connector housing.

Connector Part Information

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

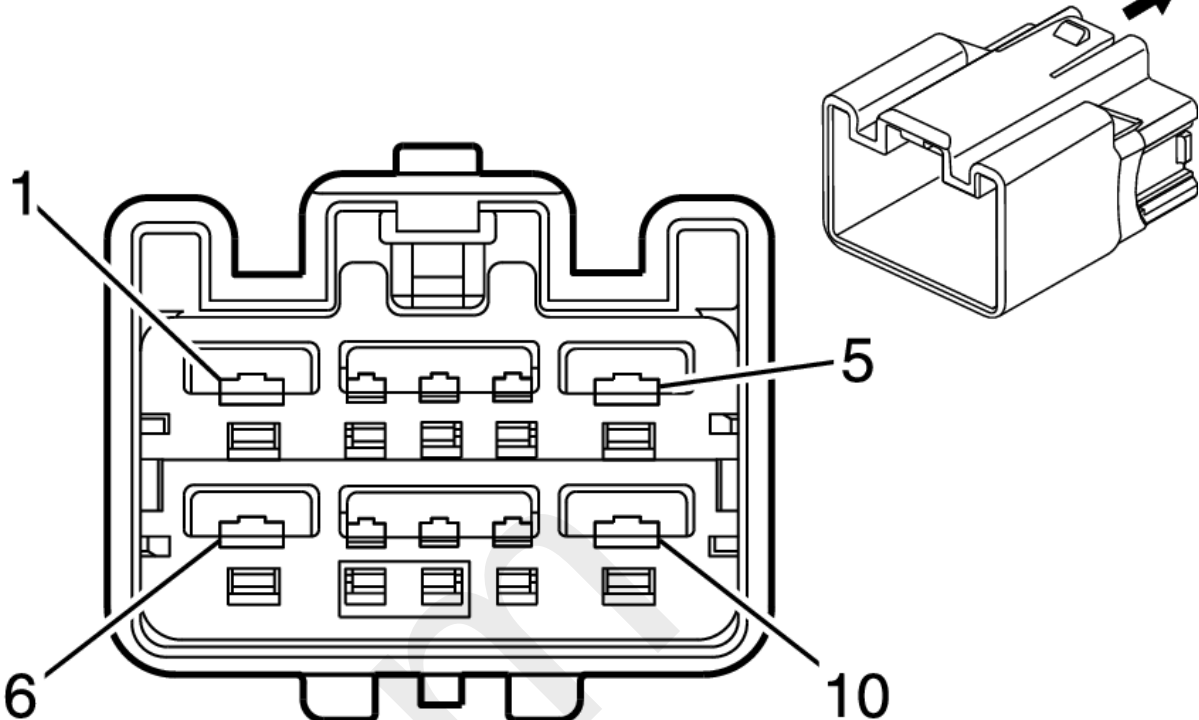


Diagram of the X407 Sunroof Connector. It shows a 10-pin connector with pins labeled 1 through 10. Pin 1 is at the top left, pin 2 is at the top right, pin 3 is in the middle left, pin 4 is in the middle right, pin 5 is at the bottom left, pin 6 is at the bottom right, pin 7 is in the center, pin 8 is in the center, pin 9 is in the center, and pin 10 is in the center. A small inset image shows the connector housing.

Connector Part Information

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

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575850	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
II	19368264	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1 - 2	-	-	-	-	-	Not Occupied	1 - 2	-	-	-	-	-
3	0.35	BK/GY	128	I	-	Sunroof Switch Low Reference	3	0.35	BK/GY	128	III	-
4	0.35	GN/BN	6132	I	C3U	Local Interconnect Network Serial Data Bus 1	4	0.35	GN/BN	6132	III	-
5	2	BK	1350	II	-	Ground	5	2	BK	1350	III	-
6	2	RD/GY	3540	II	-	Battery Positive Voltage	6	2	RD/GY	3540	III	-
7	0.35	BU/VT	5027	I	-	Sunroof Switch Data 1 Signal	7	0.35	BU/VT	5027	III	-
8 - 10	-	-	-	-	-	Not Occupied	8 - 10	-	-	-	-	-

X409 BODY HARNESS TO CHASSIS HARNESS

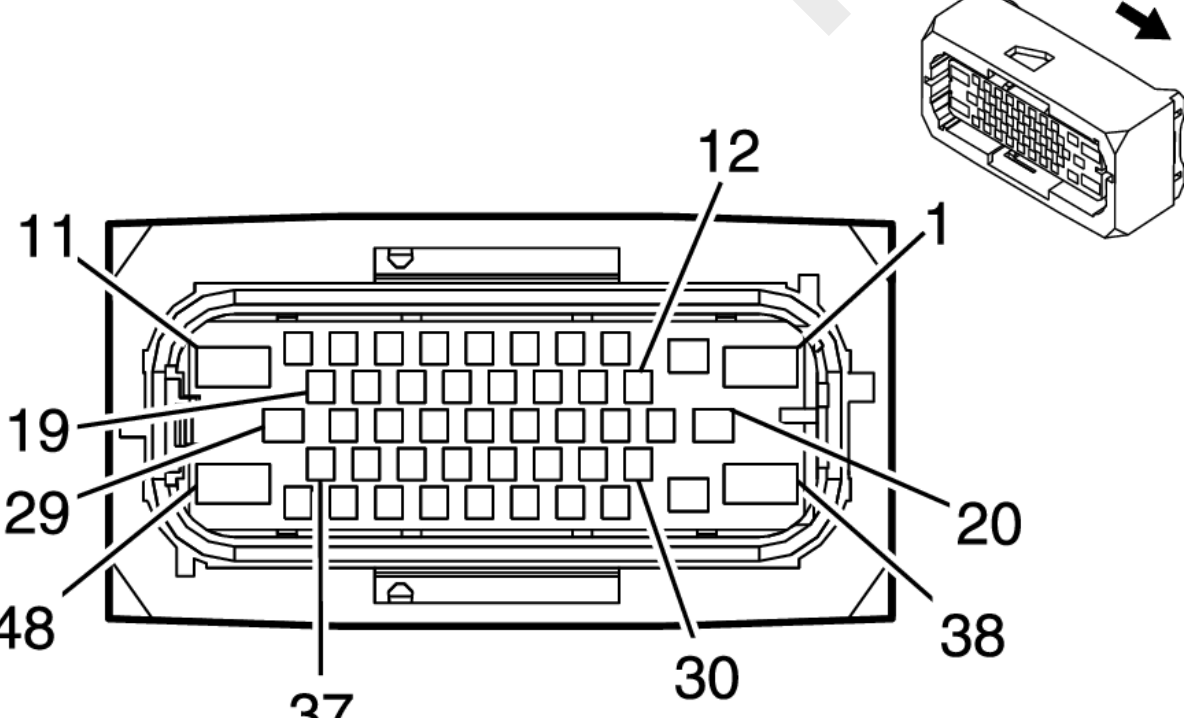


Diagram of the X409 Body Connector. It shows a 48-pin connector with pins labeled 1 through 48. Pin 1 is at the top left, pin 2 is at the top right, pin 3 is in the middle left, pin 4 is in the middle right, pin 5 is at the bottom left, pin 6 is at the bottom right, pin 7 is in the center, pin 8 is in the center, pin 9 is in the center, and pin 10 is in the center. A small inset image shows the connector housing.

Connector Part Information

- Harness Type: Body
- OEM Connector: 13586845
- Service Connector: 19329744
- Description: 48-Way F 1.5 MCP, 2.8 JPT, 6.3 MCP Series, Sealed (BK)

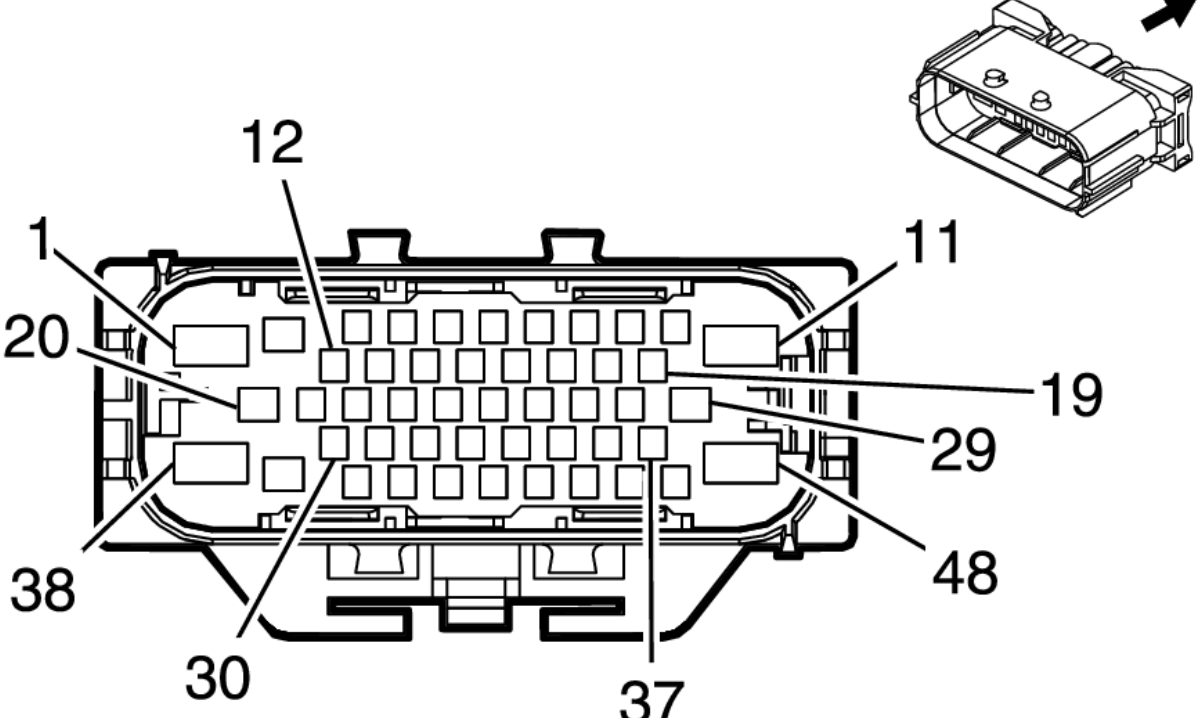


Diagram of the X409 Chassis Connector. It shows a 48-pin connector with pins labeled 1 through 48. Pin 1 is at the top left, pin 2 is at the top right, pin 3 is in the middle left, pin 4 is in the middle right, pin 5 is at the bottom left, pin 6 is at the bottom right, pin 7 is in the center, pin 8 is in the center, pin 9 is in the center, and pin 10 is in the center. A small inset image shows the connector housing.

Connector Part Information

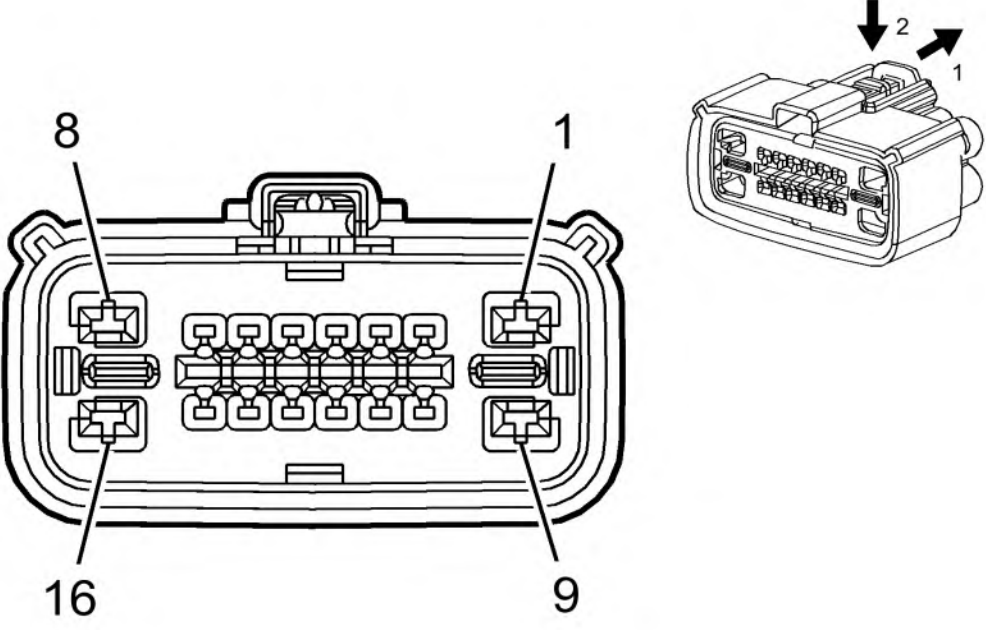
- Harness Type: Chassis
- OEM Connector: 15513438
- Service Connector: 19356277
- Description: 48-Way M 1.6, 2.8, 5.8 Series, Sealed (BK)

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13580821	J-35616-4A (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13582180	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
III	19119381	J-35616-14 (GN)	J-3125-560	Not Available	Not Available	Not Available	Not Available
IV	19301757	J-35616-40 (BU)	J-38125-556	1241408-1	Lear 28	B	G
V	19301776	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
VI	13575380	J-35616-3 (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13576397	J-35616-34 (YE)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
VIII	19329756	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
IX	19355817	J-35616-5 (PU)	J-38125-36	Not Available	Not Available	Not Available	Not Available

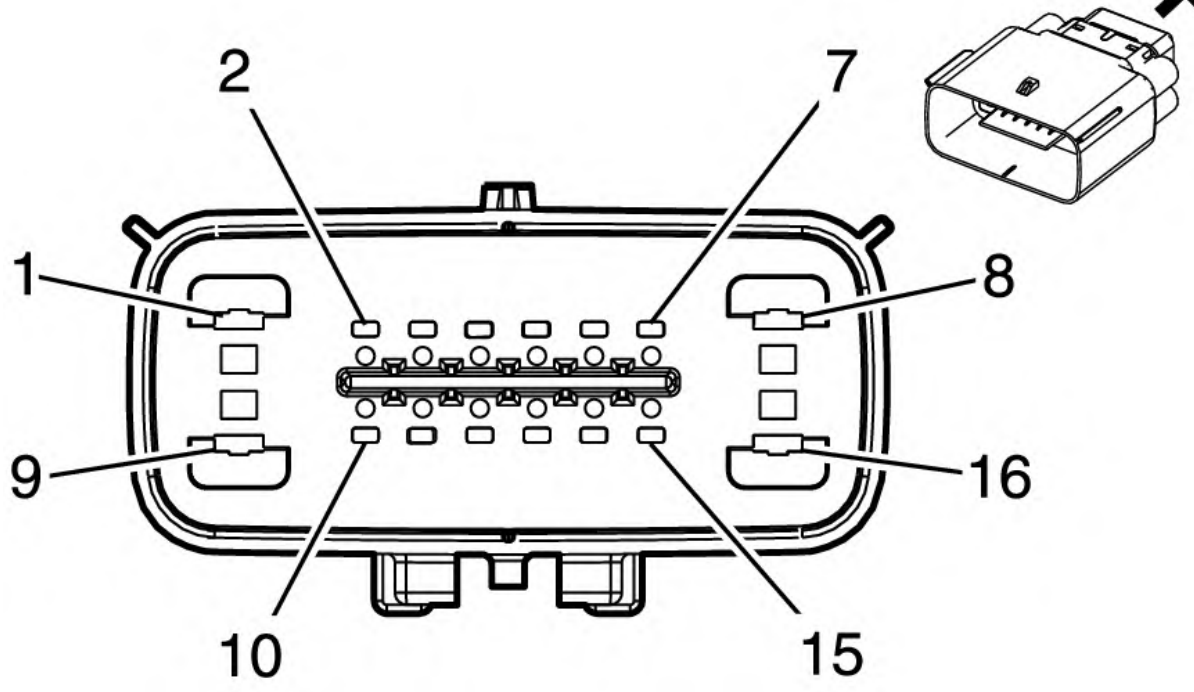
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	4	GY	4368	IV	-	Park Brake Motor Low Reference Right Rear	1	4	GY	4368	VIII	-
2	2.5	RD/BU	1542	V	F48	Battery Positive Voltage	2	2.5	RD/BU	1542	IX	F48
3	0.5	GY/BK	7127	II	-	Wheel Speed Sensor Control Left Rear	3	0.5	GY/BK	7127	VI	-
4	0.5	BU	884	II	-	Wheel Speed Sensor Signal Left Rear	4	0.5	BU	884	VI	-
5	0.5	GY/YE	7128	II	-	Wheel Speed Sensor Control Right Rear	5	0.5	GY/YE	7128	VI	-
6	0.5	VT	882	II	-	Wheel Speed Sensor Signal Right Rear	6	0.5	VT	882	VI	-
7	0.5	GN/VT	1115	II	-	Left Rear Damping Servo Control	7	0.5	GN/VT	1115	VI	-
8	0.5	GN/BN	3848	II	-	All Wheel Drive Power Transfer Unit Position Sensor Signal	8	0.5	GN/BN	3848	VI	-
9	0.35 0.35	GY/GN GY/GN	1561 1561	III III	W49+F48 X88+F48	AWD Indicator Control AWD Indicator Control	9	0.5	GY/GN	1561	VI	-
10	0.5	RD/GY	1740	II	-	Battery Positive Voltage	10	0.5	RD/GY	1740	VI	-
11	4	GY/BK	4369	IV	-	Park Brake Motor Low Reference Left Rear	11	4	GY/BK	4369	VIII	-
12	-	-	-	-	-	Not Occupied	12	-	-	-	-	-
13	0.35	BU/YE	6105	III	-	High Speed GMLAN Serial Data (+) 2	13	0.35	BU/YE	6105	VII	-
14	0.35	WH	6106	III	-	High Speed GMLAN Serial Data (-) 2	14	0.35	WH	6106	VII	-
15	0.5	GN/GY	1119	II	-	Right Rear Damping Servo Control	15	0.5	GN/GY	1119	VI	-
16	0.5	BN/GN	1118	II	-	Right Rear Damping Servo Control	16	0.5	BN/GN	1118	VI	-
17	0.5	BU/GY	1114	II	-	Left Rear Damping Servo Control	17	0.5	BU/GY	1114	VI	-
18	0.5	WH/RD	3847	II	-	All Wheel Drive Power Transfer Unit Position Sensor Voltage Reference	18	0.5	WH/RD	3847	VI	-
19	0.5	BK/VT	3846	II	-	All Wheel Drive Power Transfer Unit Position Sensor Low Reference	19	0.5	BK/VT	3846	VI	-
20	2.5	VT/BN	3944	V	-	All Wheel Drive Power Transfer Motor Control A	20	2.5	VT/BN	3944	IX	-
21 - 22	-	-	-	-	-	Not Occupied	21 - 22	-	-	-	-	-
23	0.35	BU	2500	III	F48	High Speed GMLAN Serial Data (+) 1	23	0.35	BU	2500	VII	F48
24	0.35	WH	2501	III	F48	High Speed GMLAN Serial Data (-) 1	24	0.35	WH	2501	VII	F48
25	0.75	BN/YE	294	V	N08	Door Lock Actuator Unlock Control	25	0.75	BN/YE	294	VI	N08
26	0.75	BU	6800	V	N08	Fuel Door Lock/Unlock 1 Signal	26	0.75	BU	6800	VI	N08
27	-	-	-	-	-	Not Occupied	27	-	-	-	-	-
28	0.35	WH/BU	5986	III	F48	Serial Data Communication Enable	28	0.5	WH/BU	5986	VI	F48
29	2.5	BK	2150	V	F48	Ground	29	2.5	BK	2150	IX	F48
30 - 35	-	-	-	-	-	Not Occupied	30 - 35	-	-	-	-	-
36	0.35	BU/YE	6105	III	F48	High Speed GMLAN Serial Data (+) 2	36	0.35	BU/YE	6105	VII	F48
37	0.35	WH	6106	III	F48	High Speed GMLAN Serial Data (-) 2	37	0.35	WH	6106	VII	F48
38	4	GN/VT	1988	IV	-	Park Brake Motor Apply Right Rear Control	38	4	GN/VT	1988	VIII	-
39	2.5	BN/GN	3945	I	-	All Wheel Drive Power Transfer Motor Control B	39	2.5	BN/GN	3945	IX	-
40 - 47	-	-	-	-	-	Not Occupied	40 - 47	-	-	-	-	-
48	4	WH	2001	IV	-	Park Brake Motor Apply Left Rear Control	48	4	WH	2001	VIII	-

X411 TRAILER TOW HARNESS TO BODY HARNESS



Connector Part Information

- Harness Type: Trailer Tow
- OEM Connector: 34985-2080
- 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: 34986-1931
- Service Connector: 19366647
- 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-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required
V	19119395	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
VI	19119842	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
VII	19366658	J-35616-5 (PU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	3 1	BK BK	22 1350	III IV	V92 -V92	Trailer Ground Ground	1	3 1	BK BK	22 1350	VII VIII	V92 -V92
2	-	-	-	-	-	Not Occupied	2	-	-	-	-	-
3	0.75	WH/GN	1624	II	-	Trailer Backup Lamp Control	3	0.75	WH/GN	1624	V	V92
4 - 5	-	-	-	-	-	Not Occupied	4 - 5	-	-	-	-	-
6	0.75	YE/BU	318	II	-	Left Rear Trailer Stop/Turn Lamp Control	6	0.75	YE/BU	318	V	-
7	0.75	GN/BN	319	II	-	Right Rear Trailer Stop/Turn Lamp Control	7	0.75	GN/BN	319	V	-
8	3	RD/GN	742	III	-	Battery Positive Voltage	8	3	RD/GN	742	VII	V92
9	3	BK	22	III	V92	Trailer Ground	9	3	BK	22	VII	V92
10	-	-	-	-	-	Not Occupied	10	-	-	-	-	-
11	1.5	GY/BN	2109	I	V92	Trailer Park Lamp Control	11	1.5	GY/BN	2109	VI	V92
	0.75	GY/BN	2109	II	-V92	Trailer Park Lamp Control		0.75	GY/BN	2109	V	-V92
12 - 15	-	-	-	-	-	Not Occupied	12 - 15	-	-	-	-	-
16	2.5	BU	47	III	V92	Trailer Auxiliary Control	16	2.5	BU	47	VII	V92

X500 DRIVER DOOR HARNESS TO BODY HARNESS

Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13678795
- Service Connector: Service by Harness - See Part Catalog
- Description: 41-Way F 4.8 Timer, 1.5 DSQ Series (GY)

Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	C	A
IV	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2
V	13575593	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	C
VI	13575857	J-35616-32 (OR)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VII	13579998	J-35616-34 (YE)	J-38125-560	964265-2	Lear 28	E	2

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2	RD/BU	1842	II	AEC	Battery Positive Voltage	1	2.5	RD/BU	1842	VI	AEC/AXG
	2.5	RD/BU	1842	II	AXG	Battery Positive Voltage						
2	2.5	BK	750	II	-	Ground	2	2.5	BK	750	VI	-
3	0.35	RD/VT	1940	I	AXG	Battery Positive Voltage	3	0.35	RD/VT	1940	VII	AXG
4	0.35	BN/YE	2267	I	DM8/DNP	Mirror Heating Element Control	4	0.5	BN/YE	2267	IV	DR9/DWK/DWM/DXZ/DM8/DNP/DZE
	0.35	BN/YE	2267	I	DR9/DWK/DWM/DXZ/DZE	Mirror Heating Element Control						
5	0.35	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	5	0.35	GN/WH	7530	VII	-
6	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	6	0.35	BK/BU	5978	VII	-
7	0.35	YE/WH	1690	I	W49	Automatic Day/Night Mirror Signal	7	0.35	YE/WH	1690	VII	-
	0.35	YE/WH	1690	I	X88	Automatic Day/Night Mirror Signal						
8	0.35	BK/YE	1691	I	W49	Automatic Day/Night Mirror Low Reference	8	0.35	BK/YE	1691	VII	-
	0.35	BK/YE	1691	I	X88	Automatic Day/Night Mirror Low Reference						
9	0.5	OG/GN	2132	I	-	Left Front Side Impact Sensing Module Signal	9	0.5	OG/GN	2132	IV	-
10	0.5	BK/OG	6628	I	-	Left Front Side Impact Sensing Module Low Reference	10	0.5	BK/OG	6628	IV	-
11	0.35	YE	6817	I	-	LED Backlight Dimming Control	11	0.35	YE	6817	VII	-
12	0.35	WH	3398	I	W49	Passenger Mirror Motor Common Control	12	0.35	WH	3398	VII	X88/W49
	0.35	WH	3398	I	X88	Passenger Mirror Motor Common Control						
13	-	-	-	-	-	Not Occupied	13	-	-	-	-	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
14	1 0.75	BU BU	201 201	I I	UQA UQF	Left Front Speaker Control (+) 1 Left Front Speaker Control (+) 1	14	1 0.75	BU BU	201 201	III V	UQA UQF
15	1 0.75	BN/BU BN/BU	118 118	I I	UQA UQF	Left Front Speaker Signal (-) 1 Left Front Speaker Signal (-) 1	15	1 0.75	BN/BU BN/BU	118 118	III V	UQA UQF
16	0.35	BK	2150	I	X88	Ground	16	0.35	BK	2150	VII	-
17	0.35 0.35	BU/WH BU/WH	1314 1314	I I	DM8/DNP DWK/DWM/DXZ/DZE	Left Front Turn Signal Lamp Control Left Front Turn Signal Lamp Control	17	0.35	BU/WH	1314	VII	DM8/DNP/DWK/DWM/DXZ/DZE
18	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	18	0.35	GN/YE	6134	VII	AEC/AXG
19	0.35	WH	615	I	-	Memory Seat Switch Signal 1	19	0.35	WH	615	VII	-
20	0.35	GN/WH	3570	I	-	Driver Door Handle Switch Signal	20	0.35	GN/WH	3570	VII	-
21	0.35	WH/YE	3574	I	-	Driver Door Open Switch Signal	21	0.35	WH/YE	3574	VII	-
22	0.35	GY/BK	6113	I	-	Rear Lift Gate Open/Close Switch Signal	22	0.35	GY/BK	6113	VII	-
23	0.35	GY	157	I	-	Interior Lamp Control	23	0.35	GY	157	VII	-
24	0.75	BN/YE	294	I	-	Door Lock Actuator Unlock Control	24	0.75	BN/YE	294	V	-
25	0.35	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	25	0.35	YE/VT	3397	VII	-
26 - 28	-	-	-	-	-	Not Occupied	26 - 28	-	-	-	-	-
29	0.35	BN/RD	2063	I	-	6V Reference	29	0.35	BN/RD	2063	VII	-
30	-	-	-	-	-	Not Occupied	30	-	-	-	-	-
31	0.35	GY/YE	5853	I	X88/W49	Driver Side Object Detection LED Signal 1	31	0.35	GY/YE	5853	VII	-
32	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	32	0.35	BU/GN	614	VII	-
33	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	33	0.35	BN/YE	780	VII	-
34	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	34	0.35	BN/WH	781	VII	-
35	0.35	GN	6112	I	-	Power Lift Gate On/Off Switch Signal	35	0.35	GN	6112	VII	-
36	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	36	0.35	WH/YE	7557	VII	-
37	0.75	GY	5911	I	-	Door Lock Actuator Lock Control 2	37	0.75	GY	5911	V	-
38	0.35	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	38	0.35	GN/BK	3396	VII	-
39	-	-	-	-	-	Not Occupied	39	-	-	-	-	-
40	0.35	GY/YE	6972	I	X88/W49	Camera Signal 2 +	40	0.35	GY/YE	6972	VII	-
41	0.35	WH/BU	6973	I	X88/W49	Camera Signal 2	41	0.35	WH/BU	6973	VII	-

X505 DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS

Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 13582058
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way F 1.2 MCON, 2.8 MCP Series (BK)

Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 5-2109455-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 48-Way M 1.2 MCON, 2.8 MCP Series (BK)

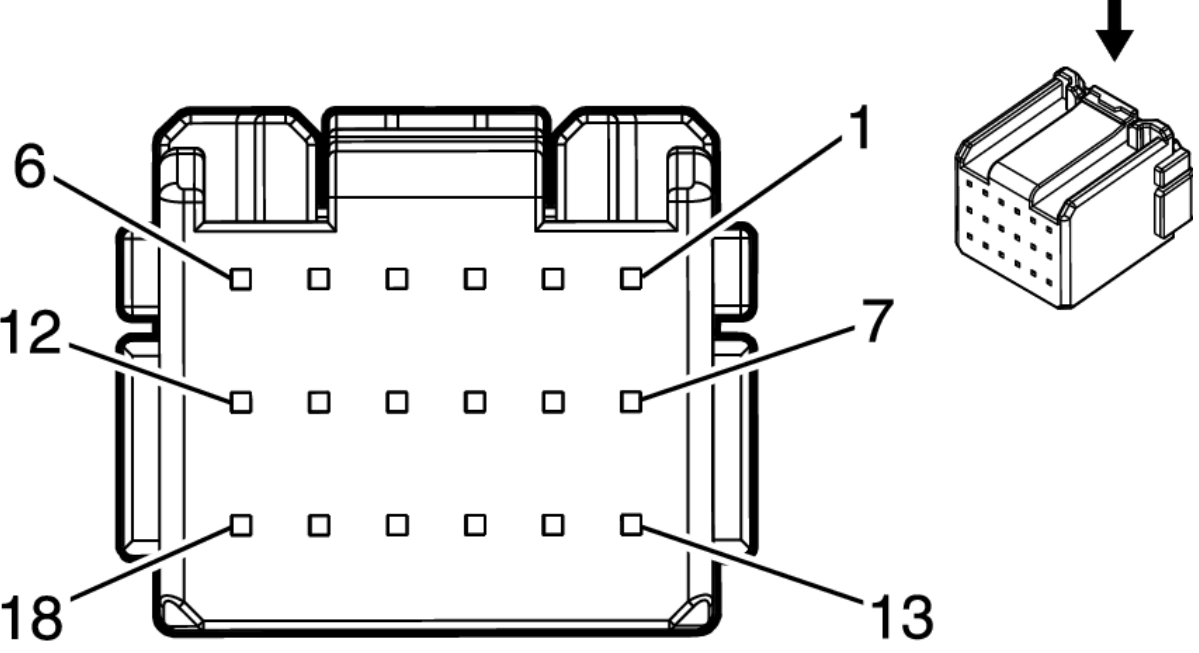
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
IV	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	2	GN/GY	3382	II	-	Power Window Motor Driver Up Control	1	2	GN/GY	3382	IV	-
2	2	YE/VT	3383	II	-	Power Window Motor Driver Down Control	2	2	YE/VT	3383	IV	-
3	0.75 2	BK BK	750 750	II II	-DR9 DR9	Ground Ground	3	0.75 2	BK BK	750 750	IV IV	-DR9 DR9
4	0.35	RD/VT	1940	I	-	Battery Positive Voltage	4	0.35	RD/VT	1940	III	-
5	0.35	YE	6817	I	-	LED Backlight Dimming Control	5	0.35	YE	6817	III	-
6	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	6	0.35	GN/YE	6134	III	-

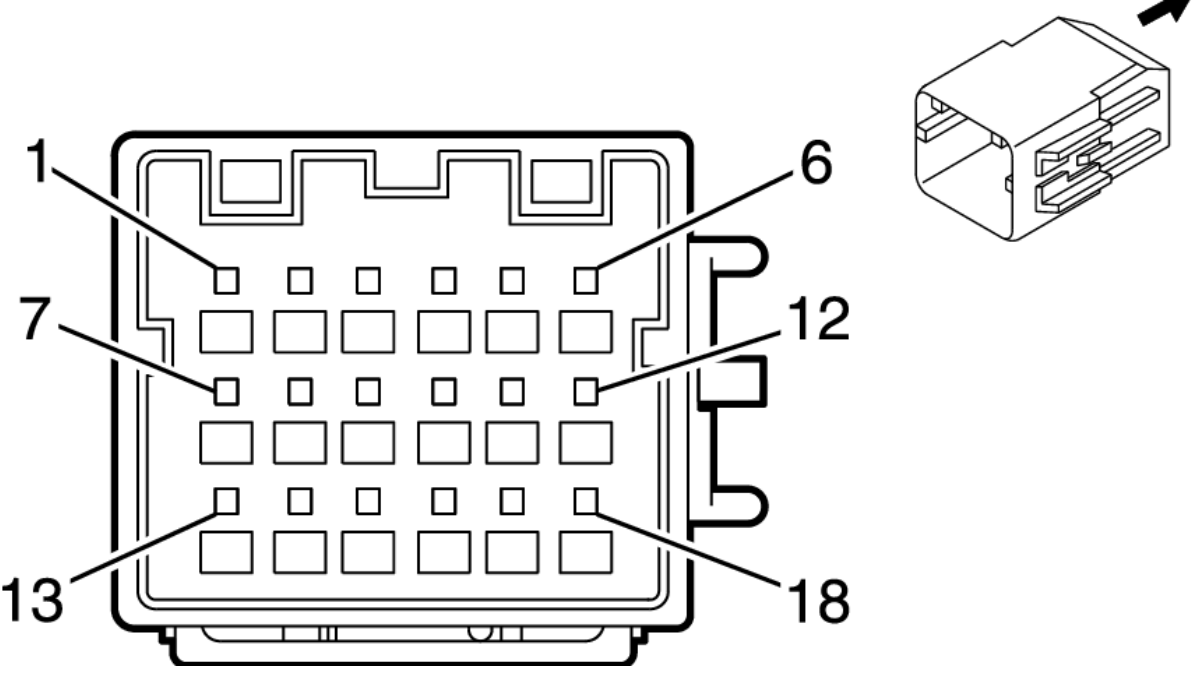
Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
7	0.35	GY	3380	I	-	Power Window Switch Driver Down Signal	7	0.35	GY	3380	III	-
8	0.35	GY/WH	3411	I	DNP	Driver Mirror Motor Fold Out Control	8	0.35	GY/WH	3411	III	DNP
9	0.35	WH/GN	3412	I	DNP	Driver Mirror Motor Fold In Control	9	0.35	WH/GN	3412	III	DNP
10	0.35	YE/BN	3391	I	AAB/A45	Driver Mirror Motor Common Control	10	0.35	YE/BN	3391	III	-
	0.35	YE/BN	3391	I	-AAB-A45	Driver Mirror Motor Common Control						
11	0.35	VT/BU	3390	I	AAB/A45	Driver Mirror Motor Up (+) Down (-) Control	11	0.35	VT/BU	3390	III	-
	0.35	VT/BU	3390	I	-AAB-A45	Driver Mirror Motor Up (+) Down (-) Control						
12	0.35	BN/BK	3389	I	AAB/A45	Driver Mirror Motor Right (+) Left (-) Control	12	0.35	BN/BK	3389	III	-
	0.35	BN/BK	3389	I	-AAB-A45	Driver Mirror Motor Right (+) Left (-) Control						
13	2	RD/BU	1842	II	DR9	Battery Positive Voltage	13	2	RD/BU	1842	IV	-
14 - 16	-	-	-	-	-	Not Occupied	14 - 16	-	-	-	-	-
17	0.35	GY	745	I	AEC	Left Front Door Ajar Switch Signal	17	0.35	GY	745	III	AEC
18	-	-	-	-	-	Not Occupied	18	-	-	-	-	-
19	0.35	GN/WH	3379	I	-	Power Window Switch Driver Up Signal	19	0.35	GN/WH	3379	III	-
20	0.35	WH/VT	3270	I	-	Driver Door Lock Motor Status Signal	20	0.35	WH/VT	3270	III	-
21	0.35	BK/BN	3393	I	AAB/A45	Driver Mirror Position Sensor Low Reference	21	0.35	BK/BN	3393	III	AAB/A45
22	0.35	WH/YE	3395	I	AAB/A45	Driver Mirror Position Sensor Left (-) Right (+) Signal	22	0.35	WH/YE	3395	III	AAB/A45
23	0.35	VT/RD	3392	I	AAB/A45	Driver Mirror Position Sensor 5V Reference	23	0.35	VT/RD	3392	III	AAB/A45
24	0.35	GY/BN	3394	I	AAB/A45	Driver Mirror Position Sensor Up (+) Down (-) Signal	24	0.35	GY/BN	3394	III	AAB/A45
25 - 27	-	-	-	-	-	Not Occupied	25 - 27	-	-	-	-	-
28	0.35	GN/YE	6134	I	-	Local Interconnect Network Serial Data Bus 3	28	0.35	GN/YE	6134	III	-
29	0.35	WH	3398	I	-	Passenger Mirror Motor Common Control	29	0.35	WH	3398	III	-
30	0.35	YE/VT	3397	I	-	Passenger Mirror Motor Up (+) Down (-) Control	30	0.35	YE/VT	3397	III	-
31	0.35	GN/BK	3396	I	-	Passenger Mirror Motor Right (+) Left (-) Control	31	0.35	GN/BK	3396	III	-
32	0.35	BU/VT	1124	I	-	Door Lock Key Switch Unlock Signal	32	0.35	BU/VT	1124	III	-
33	0.35	BN/WH	781	I	-	Driver Door Lock Switch Unlock Signal	33	0.35	BN/WH	781	III	-
34	0.35	BN/YE	780	I	-	Driver Door Lock Switch Lock Signal	34	0.35	BN/YE	780	III	-
35	0.35	GY	157	I	-	Interior Lamp Control	35	0.5	GY	157	III	-
36	0.35	WH/YE	7557	I	-	LED Ambient Lighting Control 1	36	0.35	WH/YE	7557	III	-
37 - 39	-	-	-	-	-	Not Occupied	37 - 39	-	-	-	-	-
40	0.35	GN/WH	7530	I	-	Local Interconnect Network Serial Data Bus 8	40	0.35	GN/WH	7530	III	-
41	0.35	GN	3381	I	-	Power Window Switch Driver Express Signal	41	0.35	GN	3381	III	-
42	-	-	-	-	-	Not Occupied	42	-	-	-	-	-
43	0.35	WH	615	I	-	Memory Seat Switch Signal 1	43	0.35	WH	615	III	-
44	0.35	BK/BU	5978	I	-	Memory Switch Low Reference	44	0.35	BK/BU	5978	III	-
45	0.35	BU/GN	614	I	-	Memory Seat Switch Set Signal	45	0.35	BU/GN	614	III	-
46	-	-	-	-	-	Not Occupied	46	-	-	-	-	-
47	0.35	GN	6112	I	-	Power Lift Gate On/Off Switch Signal	47	0.35	GN	6112	III	-
48	0.35	GY/BK	6113	I	-	Rear Lift Gate Open/Close Switch Signal	48	0.35	GY/BK	6113	III	-

X510 OUTSIDE REARVIEW MIRROR - DRIVER HARNESS TO DRIVER DOOR HARNESS (W49)



Connector Part Information

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



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: ARVWSB-18C-3AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 18-Way M 0.64 Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
1	-	-	-	-	-	Not Occupied	1	-	-	-	-	-

Pin	Size	Color	Circuit	Terminal Type ID	Option	Function	Pin	Size	Color	Circuit	Terminal Type ID	Option
2	0.35	BK/RD	1690	I	DD8/DRZ	Automatic Day/Night Mirror Signal	2	0.35	YE/WH	1690	II	-
3	0.35	BK/BN	3393	I	AAB	Driver Mirror Position Sensor Low Reference	3	0.35	BK/BN	3393	II	-
4	0.35	GY/WH	3411	I	DNP	Driver Mirror Motor Fold Out Control	4	0.35	GY/WH	3411	II	DNP
5	0.35	BK	750	I	-	Ground	5	0.35	BK	750	II	-
6	-	-	-	-	-	Not Occupied	6	-	-	-	-	-
7	0.35	WH/YE	3395	I	AAB	Driver Mirror Position Sensor Left (-) Right (+) Signal	7	0.35	WH/YE	3395	II	-
8	0.35	BN/YE	2267	I	-	Mirror Heating Element Control	8	0.35	BN/YE	2267	II	-
9	0.35	VT/BU	3390	I	-	Driver Mirror Motor Up (+) Down (-) Control	9	0.35	VT/BU	3390	II	-
10	0.35	BN/BK	3389	I	-	Driver Mirror Motor Right (+) Left (-) Control	10	0.35	BN/BK	3389	II	-
11	0.35	BK	750	I	-	Ground	11	0.35	BK	750	II	-
12	0.35	YE/BN	3391	I	-	Driver Mirror Motor Common Control	12	0.35	YE/BN	3391	II	-
13	0.35	BU/WH	1314	I	-	Left Front Turn Signal Lamp Control	13	0.35	BU/WH	1314	II	-
14	0.35	GY/BN	3394	I	AAB	Driver Mirror Position Sensor Up (+) Down (-) Signal	14	0.35	GY/BN	3394	II	-
15	0.35	GY/YE	5853	I	UKC	Driver Side Object Detection LED Signal 1	15	0.35	GY/YE	5853	II	-
16	0.35	BK/GN	1691	I	DD8/DRZ	Automatic Day/Night Mirror Low Reference	16	0.35	BK/YE	1691	II	-
17	0.35	VT/RD	3392	I	AAB	Driver Mirror Position Sensor 5V Reference	17	0.35	VT/RD	3392	II	-
18	0.35	WH/GN	3412	I	DNP	Driver Mirror Motor Fold In Control	18	0.35	WH/GN	3412	II	DNP