

Wiring Systems And Power Management - Component Connector End Views - Index - Bolt EV

COMPONENT CONNECTOR END VIEWS - INDEX

Component Connector End Views Index

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2017 ELECTRICAL**Wiring Systems and Power Management - Component Locator - Component Connector
End Views - Bolt EV****COMPONENT CONNECTOR END VIEWS****C5B HYBRID/EV BATTERY MODULE 2 X2****Connector Part Information**

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	5578	Battery Voltage Signal 19	I	-
2	-	OG	5576	Battery Voltage Signal 17	I	-
3	-	YE	5574	Battery Voltage Signal 15	I	-
4	-	GN	5572	Battery Voltage Signal 13	I	-
5	-	L-GN	5593	Module Temperature Low Reference 2	I	-

C5C HYBRID/EV BATTERY MODULE 3 X1**Connector Part Information**

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/RD	5403	Battery Pack Monitor Low Reference	I	-
2	-	GN/WH	5581	Battery Voltage Signal 22	I	-
3	-	PK	5583	Battery Voltage Signal 24	I	-
4	-	L-BU	5585	Battery Voltage Signal 26	I	-
5	-	VT	5587	Battery Voltage Signal 28	I	-
6	-	WH	5589	Battery Voltage Signal 30	I	-

C5C HYBRID/EV BATTERY MODULE 3 X2

Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU	5580	Battery Voltage Signal 21	I	-
2	-	L-GN	5582	Battery Voltage Signal 23	I	-
3	-	GN	5584	Battery Voltage Signal 25	I	-
4	-	YE	5586	Battery Voltage Signal 27	I	-
5	-	OG	5588	Battery Voltage Signal 29	I	-

C5D HYBRID/EV BATTERY MODULE 4 X1

Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	4521	Battery Cell Voltage Signal 40	I	-
2	-	L-BU	4519	Battery Cell Voltage Signal 38	I	-
4	-	GN/WH	4514	Battery Cell Voltage Signal 34	I	-
5	-	OG/RD	5591	Battery Voltage Signal 32	I	-
6	-	GY	5403	Battery Pack Monitor Low Reference	I	-
12	-	PK	4517	Battery Cell Voltage Signal 36	I	-

C5D HYBRID/EV BATTERY MODULE 4 X2

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Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE	4520	Battery Cell Voltage Signal 39	I	-
2	-	GN	4518	Battery Cell Voltage Signal 37	I	-
3	-	BU/GN	4516	Battery Cell Voltage Signal 35	I	-
4	-	BU	5592	Battery Voltage Signal 33	I	-
5	-	BN	5590	Battery Voltage Signal 31	I	-

C5E HYBRID/EV BATTERY MODULE 5 X1

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Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	PK	4529	Battery Cell Voltage Signal 48	I	-
2	-	GN/WH	4527	Battery Cell Voltage Signal 46	I	-
3	-	OG/RD	4525	Battery Cell Voltage Signal 44	I	-
4	-	GY	4523	Battery Cell Voltage Signal 42	I	-
5	-	OG	5403	Battery Pack Monitor Low Reference	I	-

C5E HYBRID/EV BATTERY MODULE 5 X2

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Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	L-BU	4528	Battery Cell Voltage Signal 47	I	-
2	-	BU	4526	Battery Cell Voltage Signal 45	I	-
3	-	BN	4524	Battery Cell Voltage Signal 43	I	-
4	-	WH	4522	Battery Cell Voltage Signal 41	I	-

C5F HYBRID/EV BATTERY MODULE 6 X1

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Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	5403	Battery Pack Monitor Low Reference	I	-
2	-	YE	4530	Battery Cell Voltage Signal 49	I	-
3	-	OG	4532	Battery Cell Voltage Signal 51	I	-
4	-	GY	4535	Battery Cell Voltage Signal 53	I	-
5	-	OG/RD	4538	Battery Cell Voltage Signal 56	I	-
6	-	GN/WH	4543	Battery Cell Voltage Signal 58	I	-

C5F HYBRID/EV BATTERY MODULE 6 X2

Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	L-BU	4529	Battery Cell Voltage Signal 48	I	-
2	-	VT	4531	Battery Cell Voltage Signal 50	I	-
3	-	WH	4533	Battery Cell Voltage Signal 52	I	-
4	-	GN/WH	4537	Battery Cell Voltage Signal 55	I	-
5	-	BU	4541	Battery Cell Voltage Signal 57	I	-

C5G HYBRID/EV BATTERY MODULE 7 X1

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	4519	Battery Cell Voltage Signal 38	I	-
2	-	OG	4549	Battery Cell Voltage Signal 64	I	-
3	-	YE	4547	Battery Cell Voltage Signal 62	I	-
4	-	GN	4545	Battery Cell Voltage Signal 60	I	-
5	-	L-GN	5403	Battery Pack Monitor Low Reference	I	-

C5G HYBRID/EV BATTERY MODULE 7 X2

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH	4518	Battery Cell Voltage Signal 37	I	-
2	-	VT	4548	Battery Cell Voltage Signal 63	I	-
3	-	L-BU	4546	Battery Cell Voltage Signal 61	I	-
4	-	PK	4544	Battery Cell Voltage Signal 59	I	-

C5H HYBRID/EV BATTERY MODULE 8 X1

Connector Part Information

- Harness Type: Hybrid/EV Battery

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

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	5403	Battery Pack Monitor Low Reference	I	-
2	-	BU	4556	Battery Cell Voltage Signal 68	I	-
3	-	L-GN	4558	Battery Cell Voltage Signal 70	I	-
4	-	GN	4561	Battery Cell Voltage Signal 72	I	-
5	-	YE	4563	Battery Cell Voltage Signal 74	I	-
6	-	OG	4565	Battery Cell Voltage Signal 76	I	-

C5H HYBRID/EV BATTERY MODULE 8 X2

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Connector Part Information
• Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	4555	Battery Cell Voltage Signal 67	I	-
2	-	GN/WH	4557	Battery Cell Voltage Signal 69	I	-
3	-	PK	4560	Battery Cell Voltage Signal 71	I	-
4	-	L-BU	4562	Battery Cell Voltage Signal 73	I	-
5	-	VT	4564	Battery Cell Voltage Signal 75	I	-

C5J HYBRID/EV BATTERY MODULE 9 X1

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Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE	4575	Battery Cell Voltage Signal 86	I	-
2	-	GN	4573	Battery Cell Voltage Signal 84	I	-
3	-	L-GN	4571	Battery Cell Voltage Signal 82	I	-
4	-	BU	4569	Battery Cell Voltage Signal 80	I	-
5	-	BN	4567	Battery Cell Voltage Signal 78	I	-
6	-	WH	5403	Battery Pack Monitor Low Reference	I	-

C5J HYBRID/EV BATTERY MODULE 9 X2

Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	L-BU	4574	Battery Cell Voltage Signal 85	I	-
2	-	PK	4572	Battery Cell Voltage Signal 83	I	-
3	-	GN/WH	4570	Battery Cell Voltage Signal 81	I	-
4	-	OG	4568	Battery Cell Voltage Signal 79	I	-
5	-	GY	4566	Battery Cell Voltage Signal 77	I	-

C5K HYBRID/EV BATTERY MODULE 10 X1

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	5403	Battery Pack Monitor Low Reference	I	-
2	-	WH	4577	Battery Cell Voltage Signal 88	I	-
3	-	BN	2390	Battery Cell Voltage Signal 90	I	-
4	-	BU	2392	Battery Cell Voltage Signal 92	I	-
5	-	L-GN	2394	Battery Cell Voltage Signal 94	I	-
6	-	PK	2396	Battery Cell Voltage Signal 96	I	-

C5K HYBRID/EV BATTERY MODULE 10 X2**Connector Part Information**

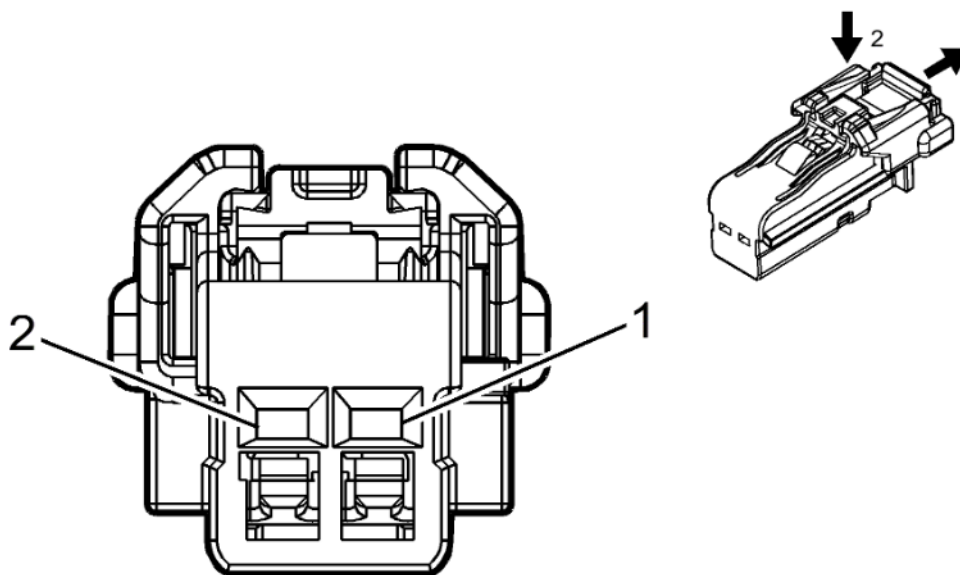
- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	4576	Battery Cell Voltage Signal 87	I	-
2	-	GY	2389	Battery Cell Voltage Signal 89	I	-
3	-	OG	2391	Battery Cell Voltage Signal 91	I	-
4	-	GN/WH	2393	Battery Cell Voltage Signal 93	I	-
5	-	L-BU	2395	Battery Cell Voltage Signal 95	I	-

E1G ACCENT LAMP - LEFT INSTRUMENT PANEL



Connector Part Information

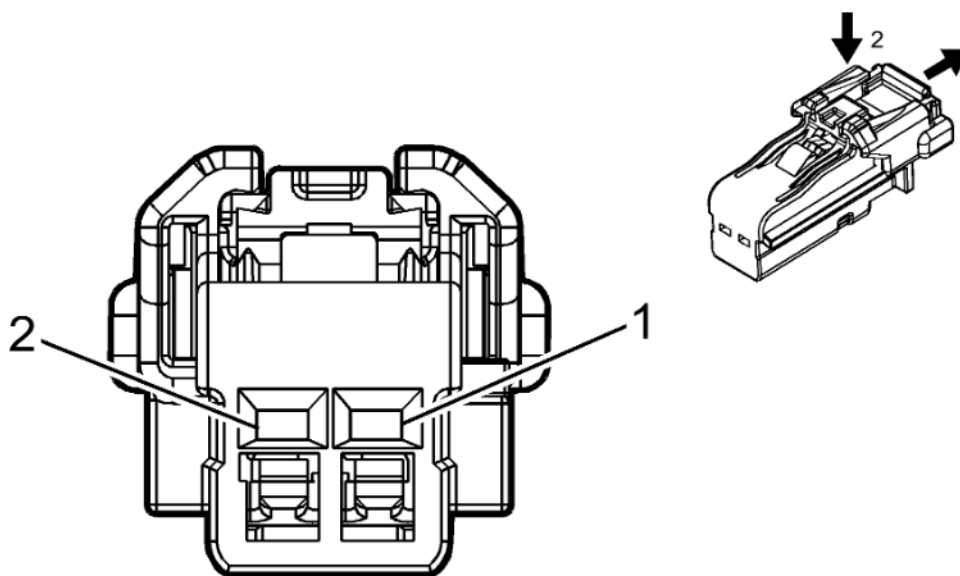
- Harness Type: Instrument Panel
- OEM Connector: 9956-1789
- Service Connector: 19352066
- Description: 2-Way F 1.2 Series (BK)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1250	Ground	I	C9J
2	0.35	WH/YE	7557	LED Ambient Lighting Control 1	I	C9J

E1H ACCENT LAMP - RIGHT INSTRUMENT PANEL



Connector Part Information

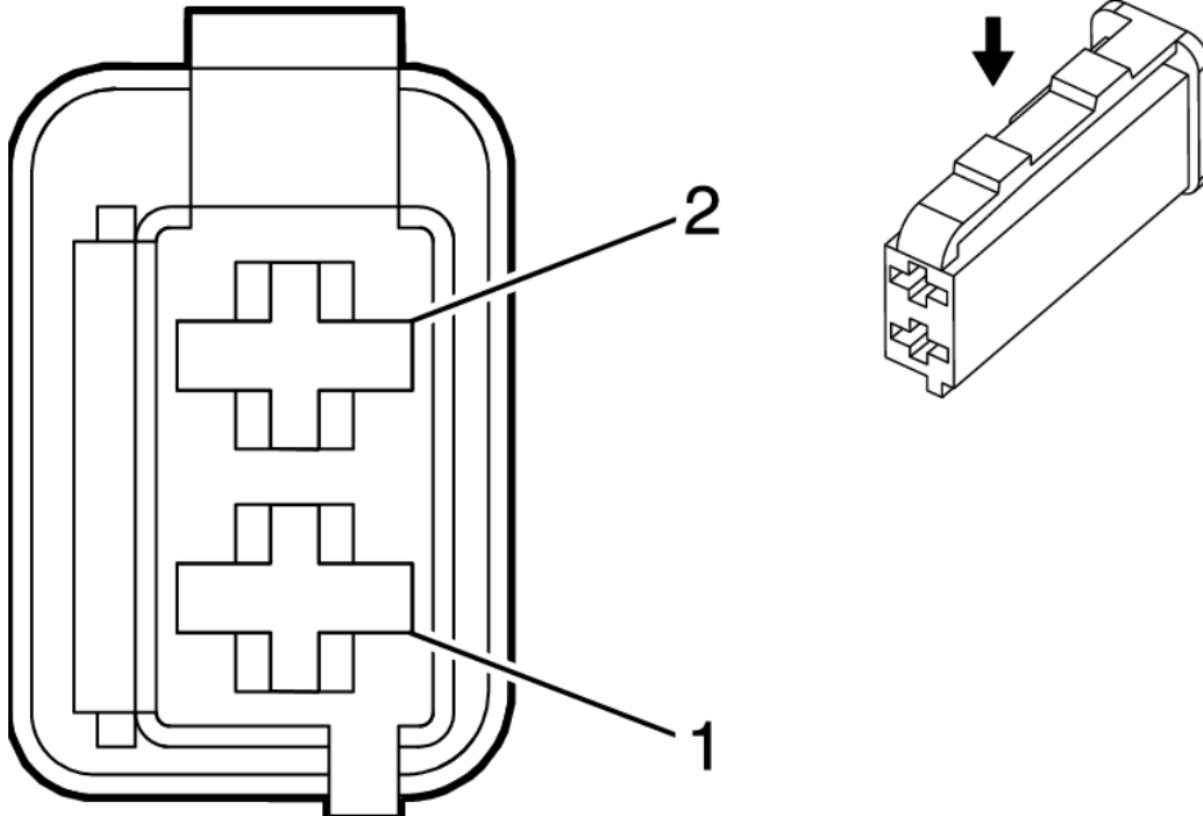
- Harness Type: Instrument Panel
- OEM Connector: 9956-1789
- Service Connector: 19352066
- Description: 2-Way F 1.2 Series (BK)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1250	Ground	I	C9J
2	0.35	WH/YE	7557	LED Ambient Lighting Control 1	I	C9J

E2LR SIDE MARKER LAMP - LEFT REAR (TW5)



Connector Part Information

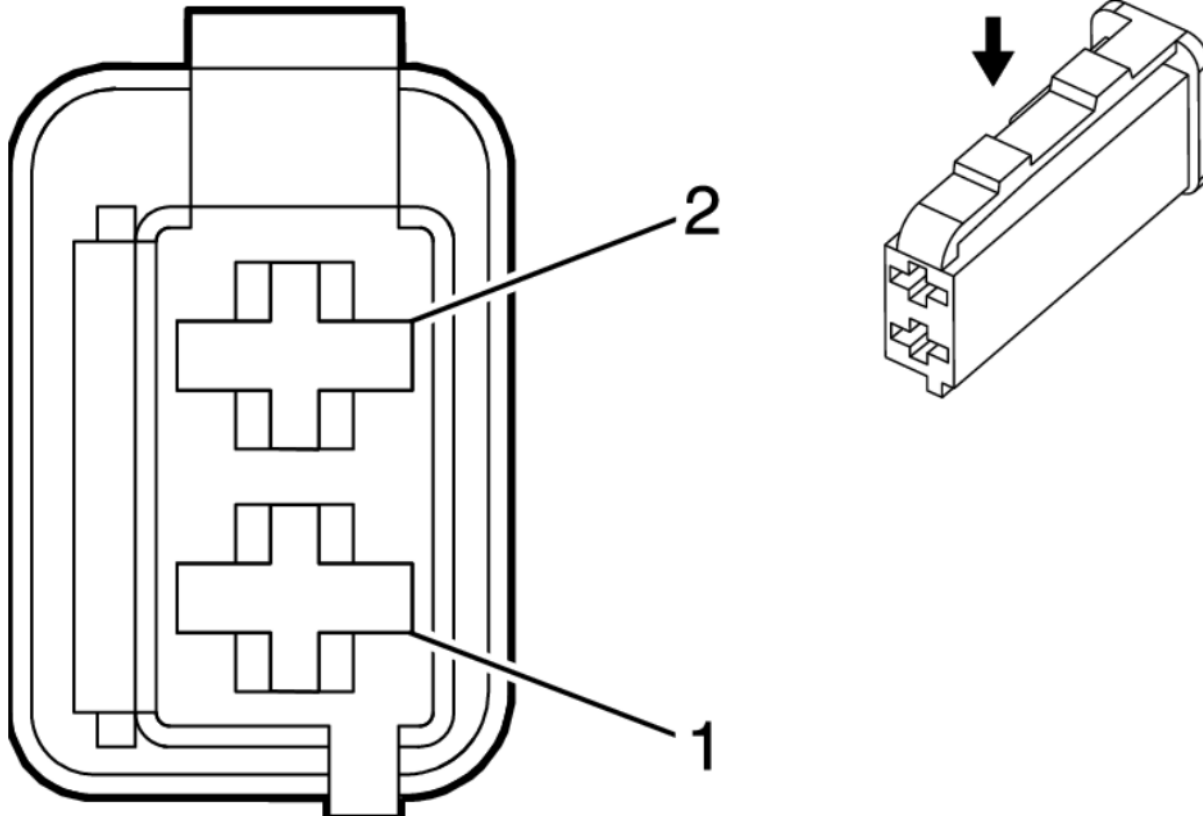
- Harness Type: Body
- OEM Connector: 1563189-1
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/GY	709	Left Park Lamp Control	I	TW5
2	0.5	BK	1150	Ground	I	TW5

E2RR SIDE MARKER LAMP - RIGHT REAR (TW5)



Connector Part Information

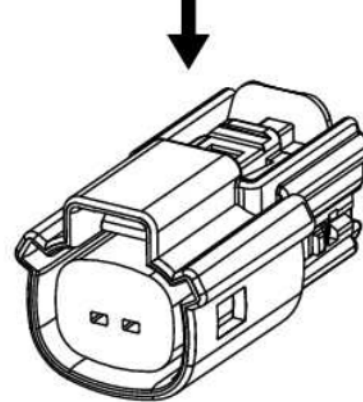
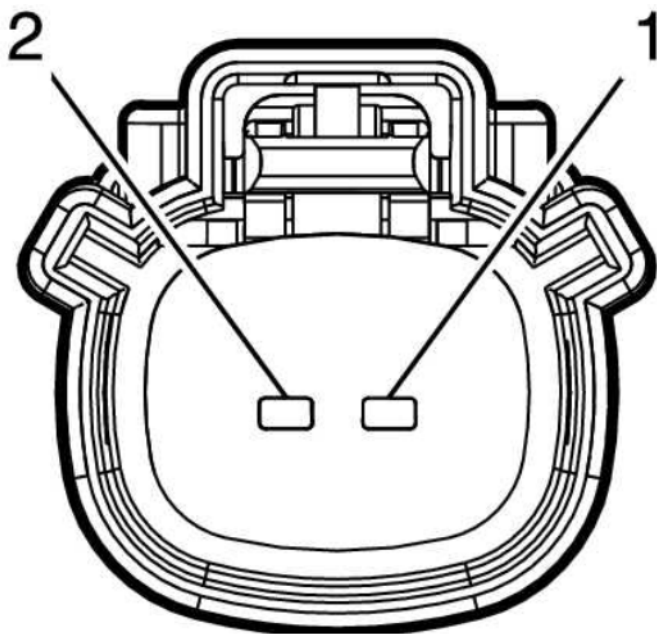
- Harness Type: Body
- OEM Connector: 1563189-1
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BN	309	Right Park Lamp Control	I	TW5
2	0.75	BK	1550	Ground	I	TW5-UKC

E4LF TURN SIGNAL LAMP - LEFT FRONT (KA6)



Connector Part Information

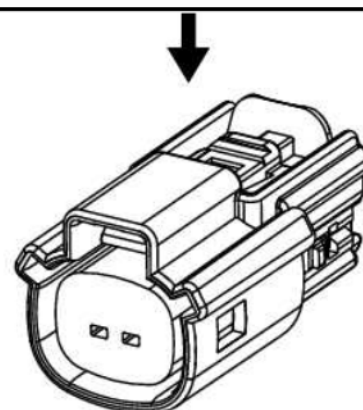
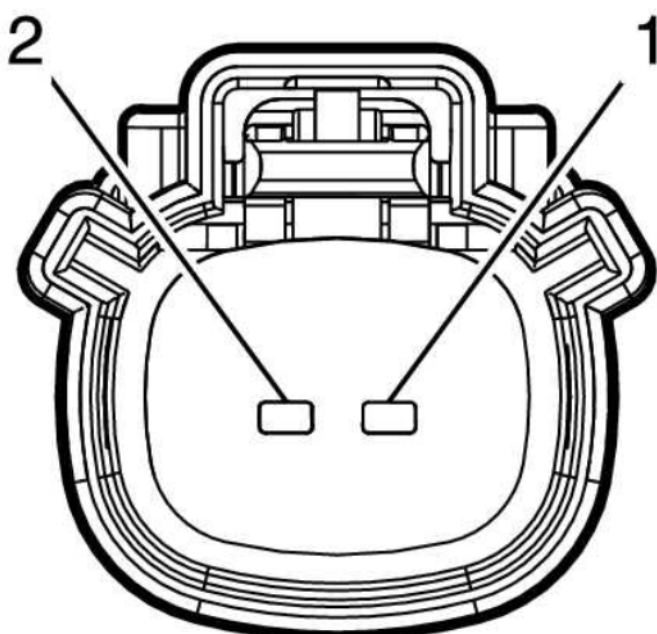
- Harness Type: Left Front Trun Signal Pigtail
- OEM Connector: 13503499
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU/WH	1314	Left Front Turn Signal Lamp Control	I	-
2	-	BK	750	Ground	I	-

E4RF TURN SIGNAL LAMP - RIGHT FRONT



Connector Part Information

- Harness Type: Right Front Turn Signal Pigtail
- OEM Connector: 13503499
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/VT	1315	Right Front Turn Signal Lamp Control	I	-
2	-	BK	250	Ground	I	-

E6 CENTER HIGH MOUNTED STOP LAMP**Connector Part Information**

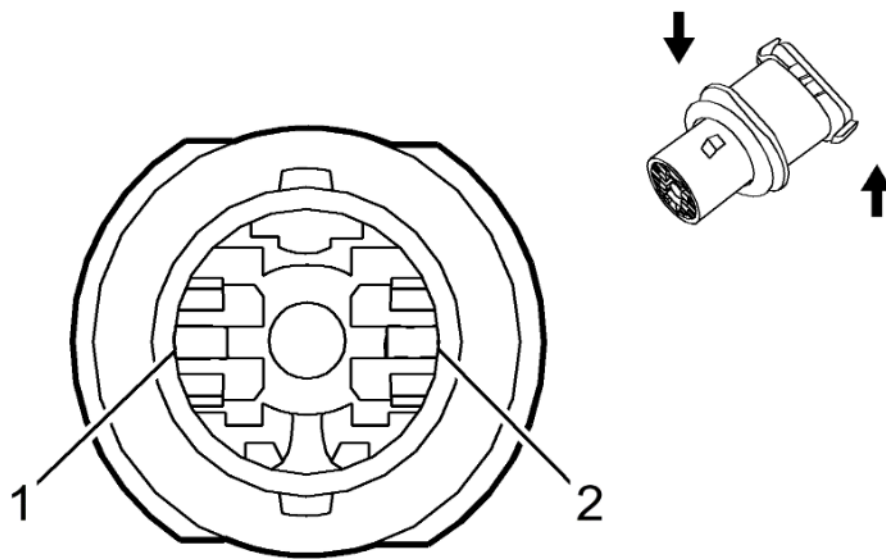
- Harness Type: Center High Mounted Stop Lamp
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	2350	Ground	I	-
2	-	BK	1050	Ground	I	-
3	-	BN/YE	820	CHMSL Control	I	-

E7L LICENSE PLATE LAMP - LEFT



Connector Part Information

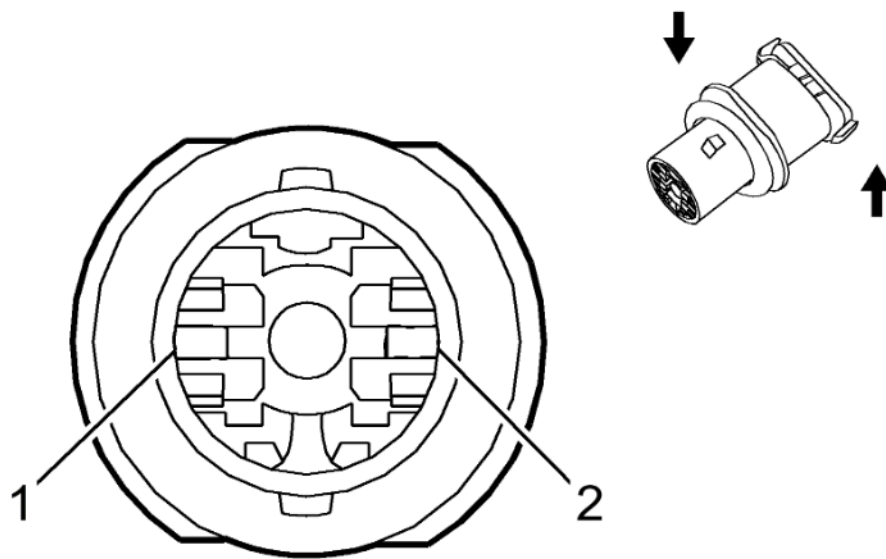
- Harness Type: License Plate Lamp
- OEM Connector: 13698133
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket Wedge Base, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/YE	6846	Rear License Lamp Control	I	-
2	0.35	BK	1050	Ground	I	-

E7R LICENSE PLATE LAMP - RIGHT



Connector Part Information

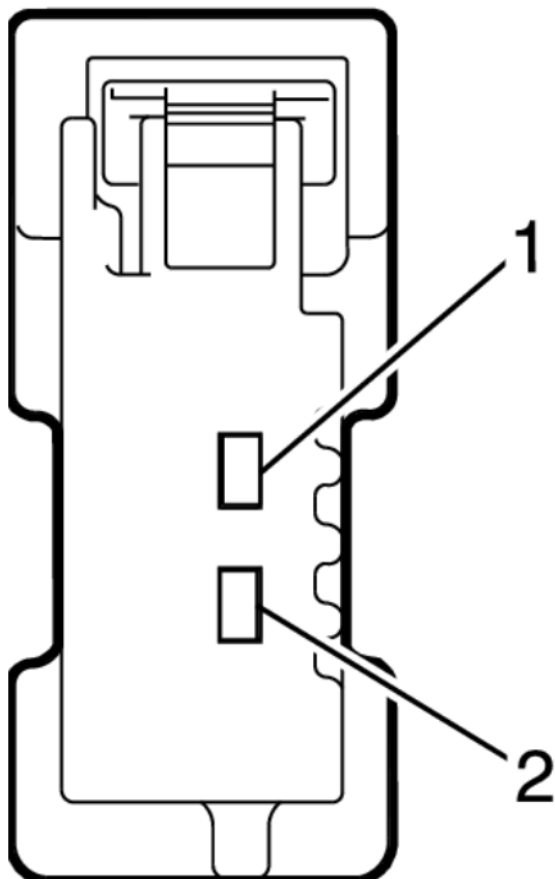
- Harness Type: License Plate Lamp
- OEM Connector: 13698133
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Lamp Socket Wedge Base, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/YE	6846	Rear License Lamp Control	I	-
2	0.35	BK	1050	Ground	I	-

E8S REAR COMPARTMENT COURTESY LAMP



Connector Part Information

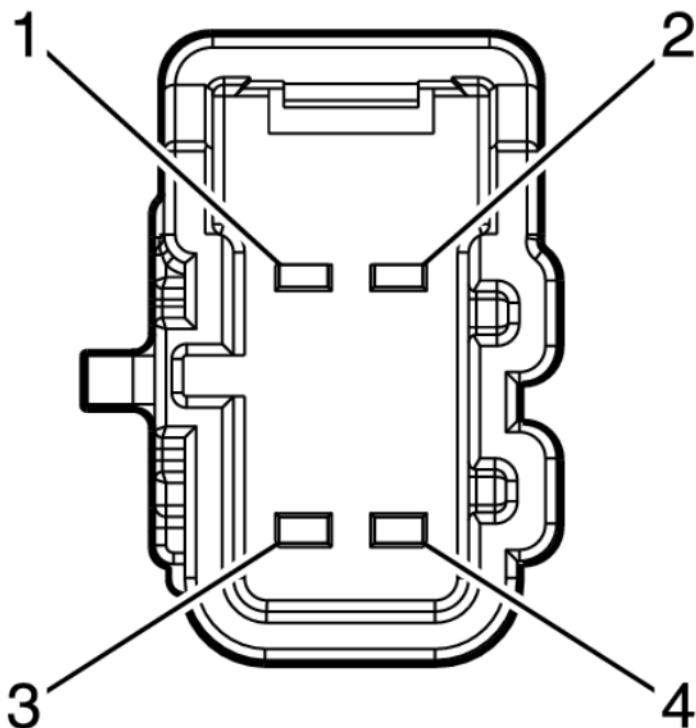
- Harness Type: Body
- OEM Connector: 6098-5510
- Service Connector: 13584097
- Description: 2-Way F 1.5 Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	I	-
2	0.5	BK	1150	Ground	I	-

E14C SEAT HEATING ELEMENT - PASSENGER BACK (KA1)



Connector Part Information

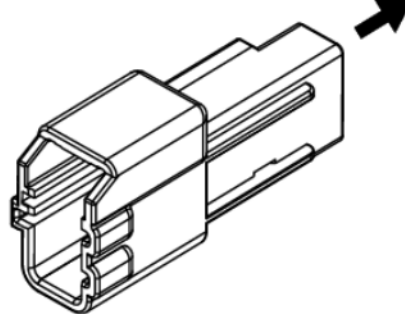
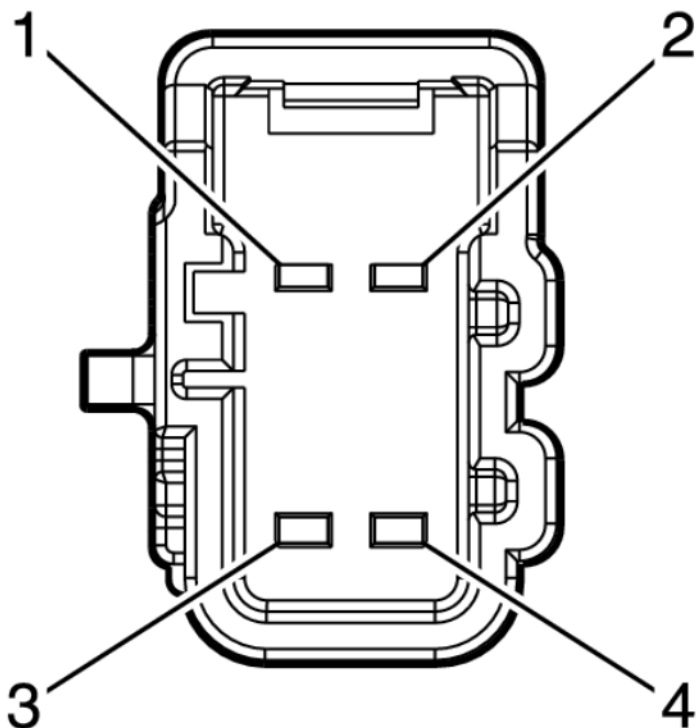
- Harness Type: Passenger Seat
- OEM Connector: 6098-7781
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (GY)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
2	0.5	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
3	0.5	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
4	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-

E14D SEAT HEATING ELEMENT - PASSENGER CUSHION



Connector Part Information

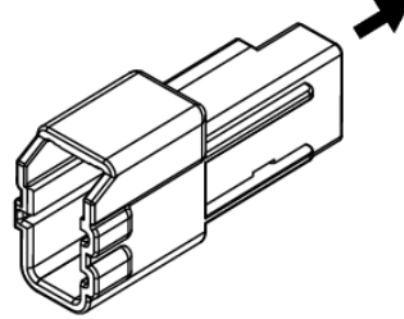
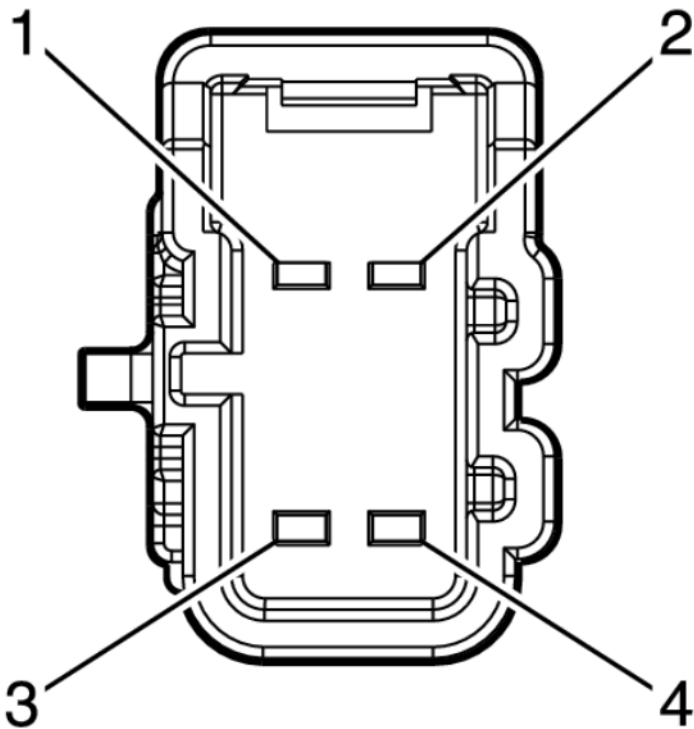
- Harness Type: Passenger Seat
- OEM Connector: 6098-7779
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
2	0.5	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-
3	0.5	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
4	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-

E14F SEAT HEATING ELEMENT - LEFT REAR CUSHION (KA6)



Connector Part Information

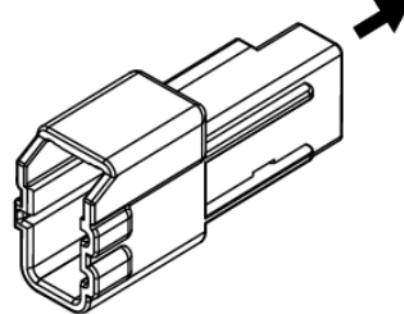
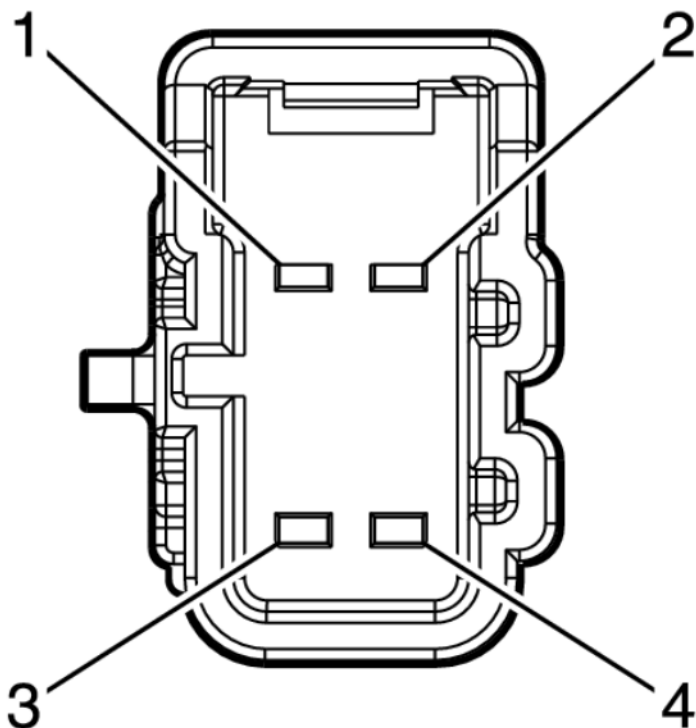
- Harness Type: Rear Heated Seat Harness
- OEM Connector: 13588644
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way M 1.2 Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY BN/BK	2294 2295	Left Rear Heated Seat Cushion Element Control Left Rear Heated Seat Cushion Element Low Reference	I I	- -
2	-	GY	7663	Left Rear Heated Seat NTC Signal	I	-
3	-	VT/RD	7662	Left Rear Heated Seat NTC Low Reference	I	-
4	-	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-

E14H SEAT HEATING ELEMENT - RIGHT REAR CUSHION



Connector Part Information

- Harness Type: Rear Heated Seat Harness
- OEM Connector: 13588644
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
2	-	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
3	-	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
4	-	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-

E15 STEERING WHEEL HEATER

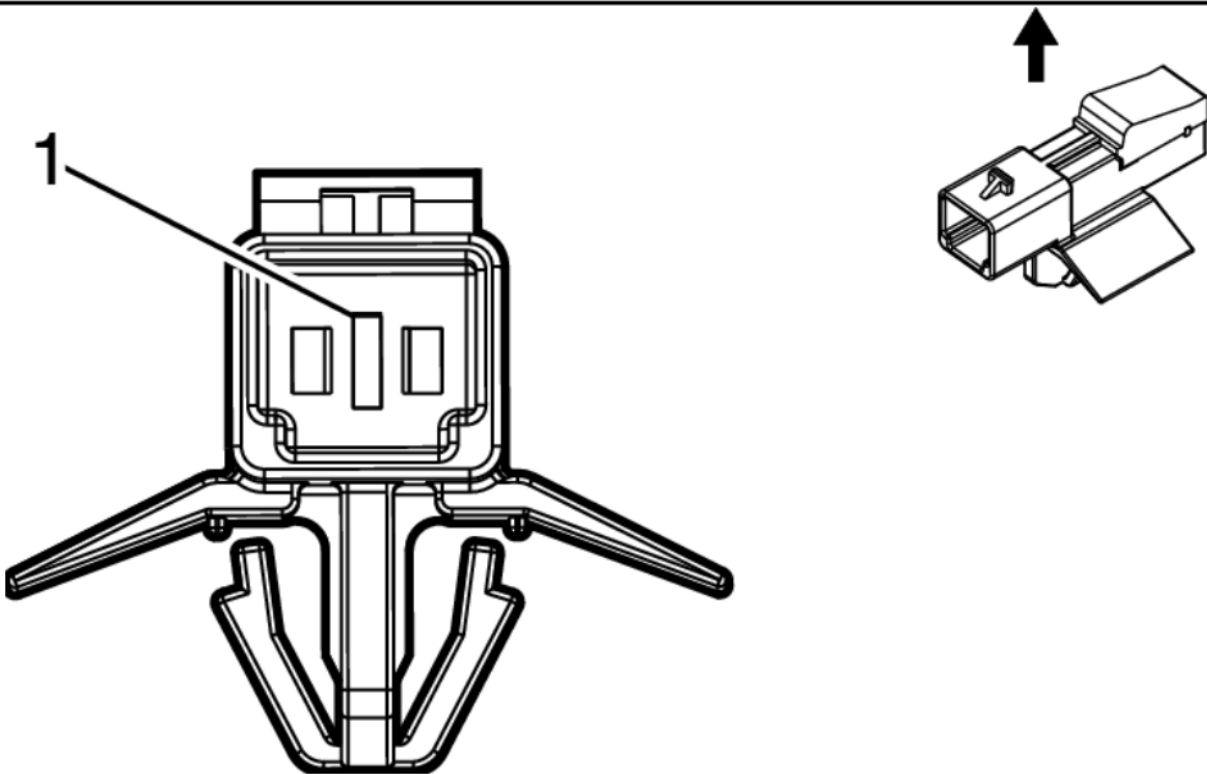
Connector Part Information

- Harness Type: Steering Wheel Harness
- OEM Connector: 31068-1040
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	1650	Ground	I	-
2	-	GY	5885	Heated Steering Wheel Voltage Reference	I	-
3	-	WH	5888	Heated Steering Wheel High Control	I	-
4	-	BK	1150	Ground	I	-

E18 REAR DEFOGGER GRID X1


Connector Part Information

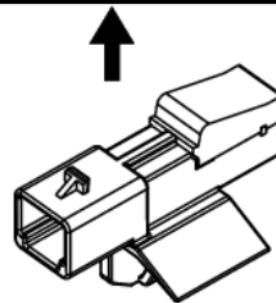
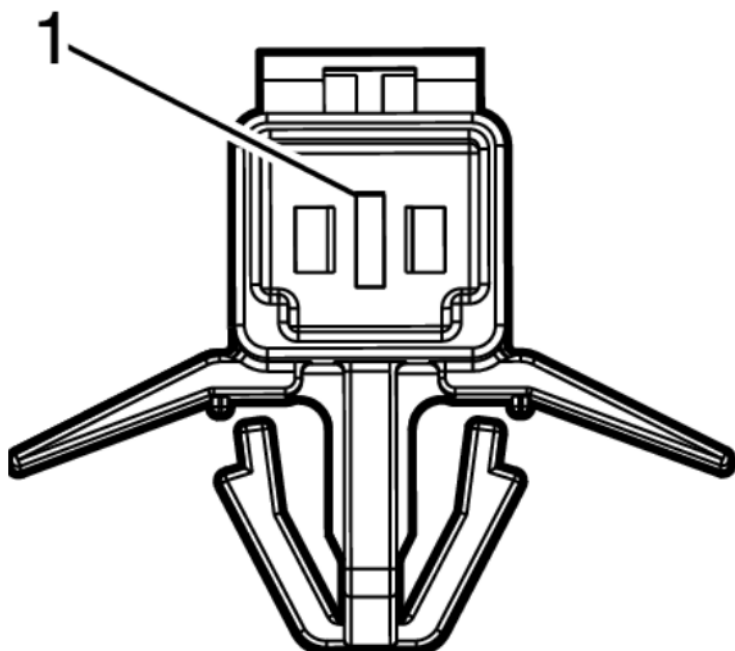
- Harness Type: Liftgate
- OEM Connector: 2109209-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F (BK)

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-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	BN/VT	293	Rear Defog Element Control	I	-

E18 REAR DEFOGGER GRID X2



Connector Part Information

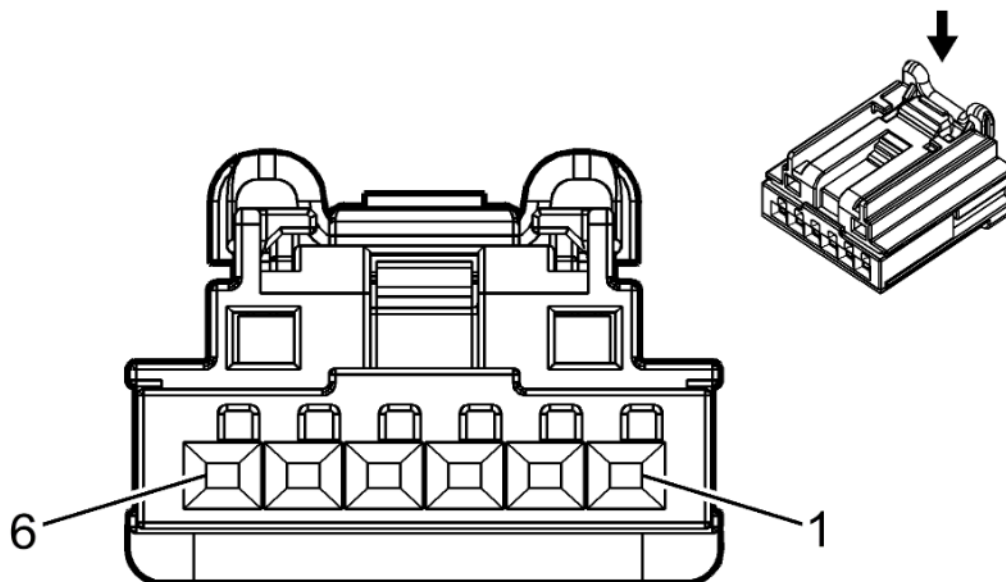
- Harness Type: Liftgate
- OEM Connector: 2109209-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way F (BK)

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-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	BK	1950	Ground	I	-

E37D DOME/READING LAMPS - OVERHEAD CONSOLE



Connector Part Information

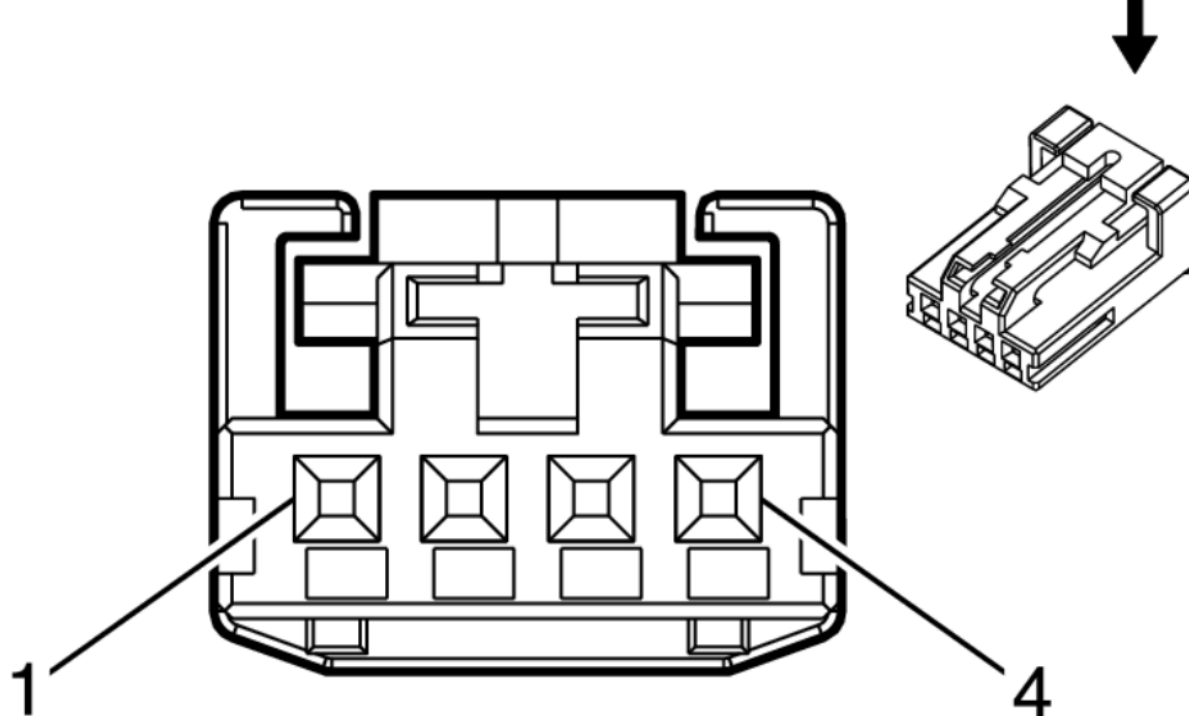
- Harness Type: Headliner
- OEM Connector: 2035363-2
- Service Connector: 19356359
- Description: 6-Way F 0.64 Generation Y Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	WH/BN	6815	Inadvertent Power Control	I	-
3	0.5	GY	157	Interior Lamp Control	I	-
4	0.5	BK	650	Ground	I	-
5	0.5	GY	156	Courtesy Lamp Switch Signal	I	-
6	0.5	GY/GN	328	Interior Lamp Defeat Switch Signal	I	-

E37R DOME/READING LAMPS - REAR



Connector Part Information

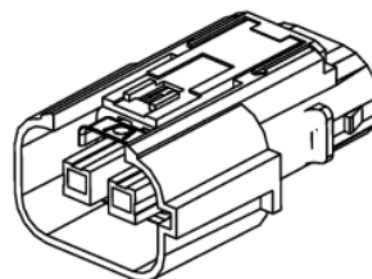
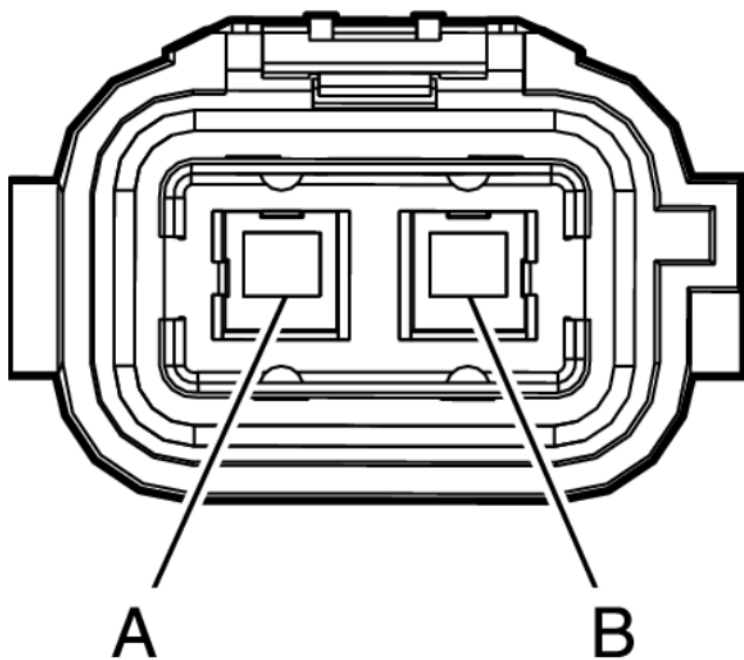
- Harness Type: Headliner
- OEM Connector: 936119-1
- Service Connector: 13587297
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/BN	6815	Inadvertent Power Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	650	Ground	I	-
4	0.5	GY	157	Interior Lamp Control	I	-

E54 HYBRID/EV BATTERY PACK COOLANT HEATER X1



Connector Part Information

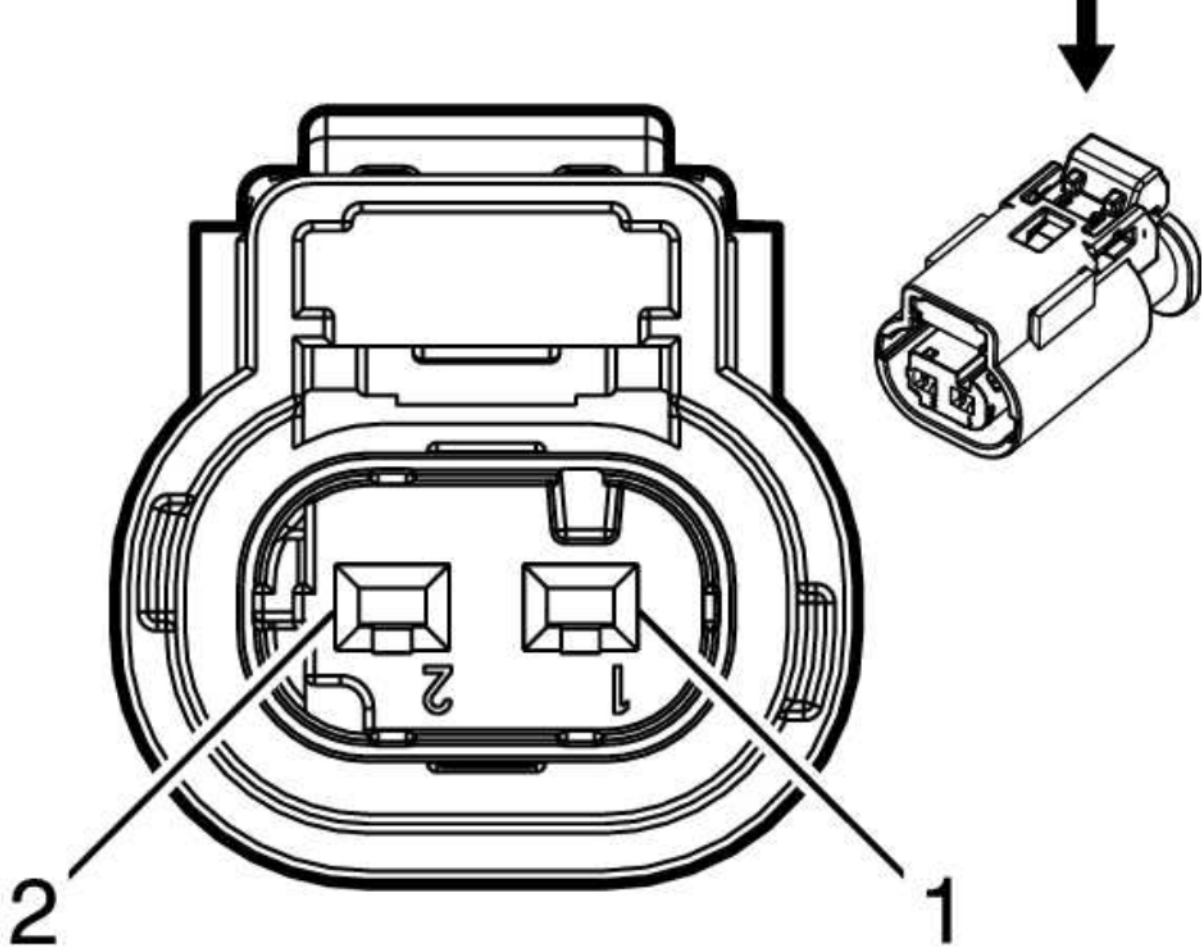
- Harness Type: High Voltage
- OEM Connector: 33278201
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Mertic-Pack Series, Sealed (OG) (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	2483	High Voltage Battery 7 (+)	I	-
B	-	OG/BK	2485	High Voltage Battery 7 (-)	I	-

E54 HYBRID/EV BATTERY PACK COOLANT HEATER X2



Connector Part Information

- Harness Type: High Voltage
- OEM Connector: 13503566
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

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

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

F101 PASSENGER INSTRUMENT PANEL AIR BAG X1

Connector Part Information

- Harness Type: Passenger Instrument Panel Air Bag
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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

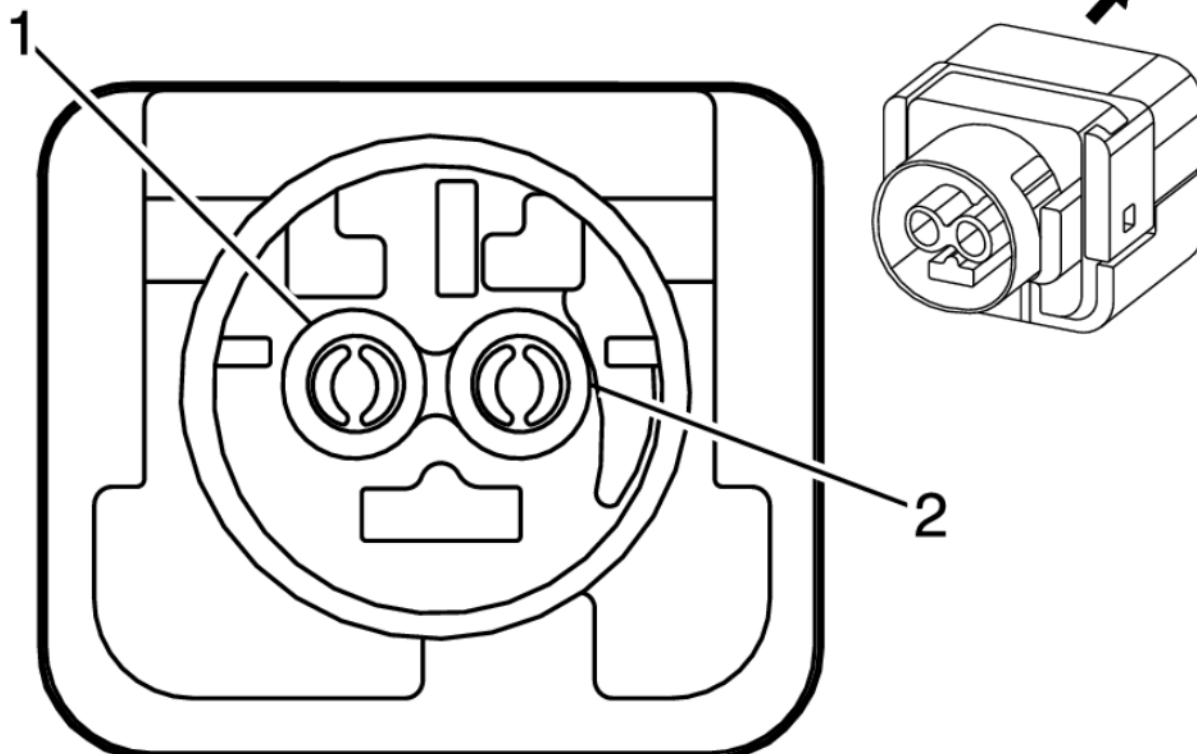
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	-
2	-	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	-

Connector Part Information • Harness Type: Passenger Instrument Panel Air Bag • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 1-Way
--

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	-
2	-	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	-

cardia



Connector Part Information

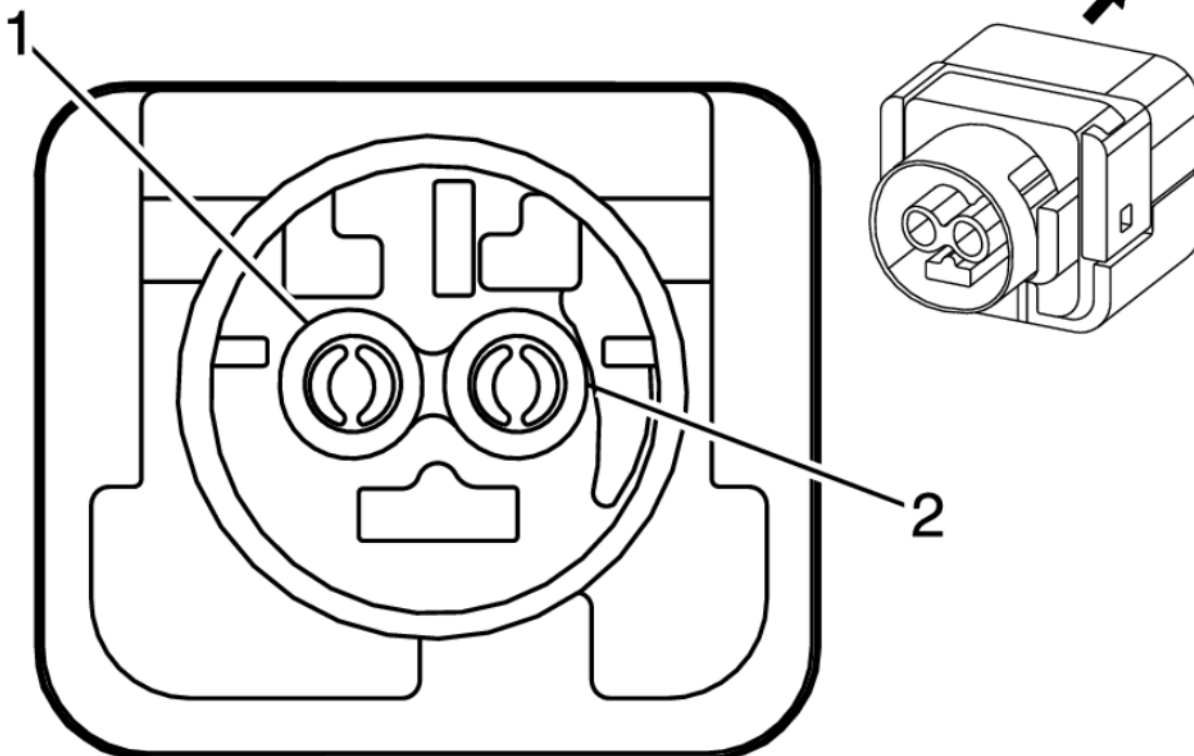
- Harness Type: Body
- OEM Connector: PPI0001142
- Service Connector: 19355495
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
2	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-

F105R ROOF RAIL AIR BAG - RIGHT (AYF/AY0)



Connector Part Information

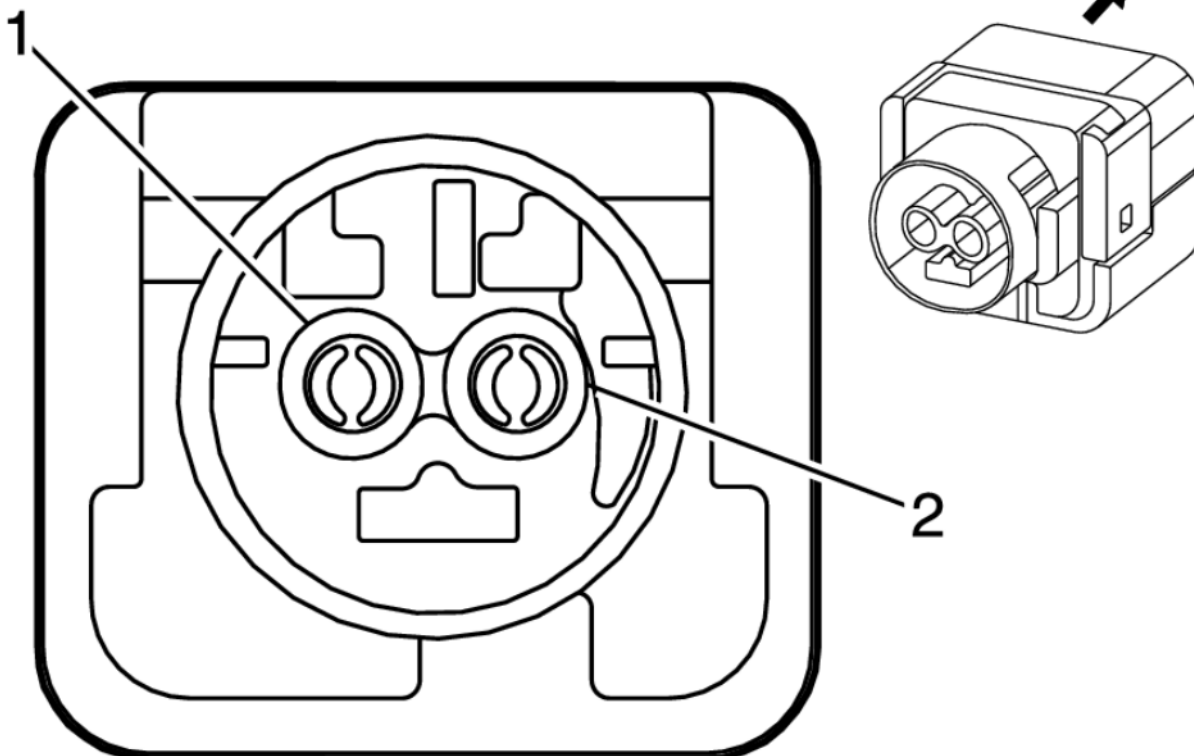
- Harness Type: Body
- OEM Connector: PPI0001142
- Service Connector: 19355495
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
2	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

F106LR SEAT SIDE AIR BAG - LEFT REAR (AYF)



Connector Part Information

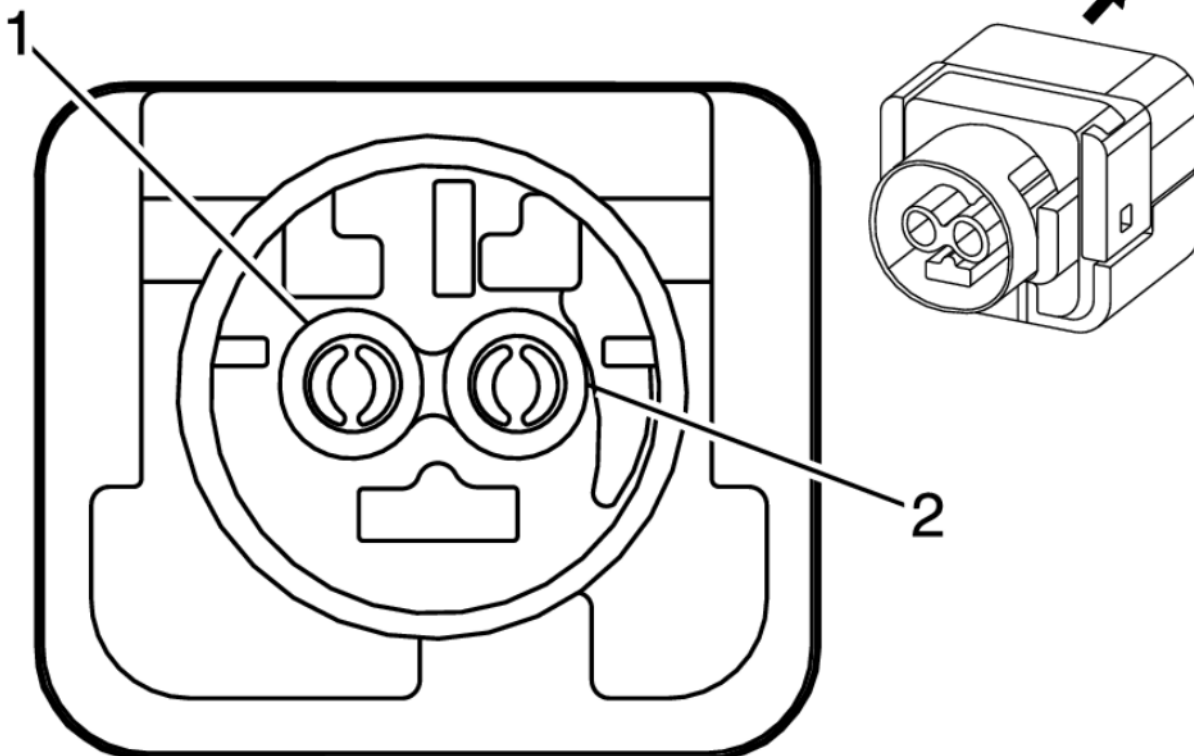
- Harness Type: Body
- OEM Connector: PPI0001142
- Service Connector: 19355495
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	5223	Left Rear Side Impact SIR Inflator Control	I	AYF
2	0.5	BN/OG	5224	Left Rear Side Impact SIR Inflator Control	I	AYF

F106P SEAT SIDE AIR BAG - PASSENGER (AY0/AYF)



Connector Part Information

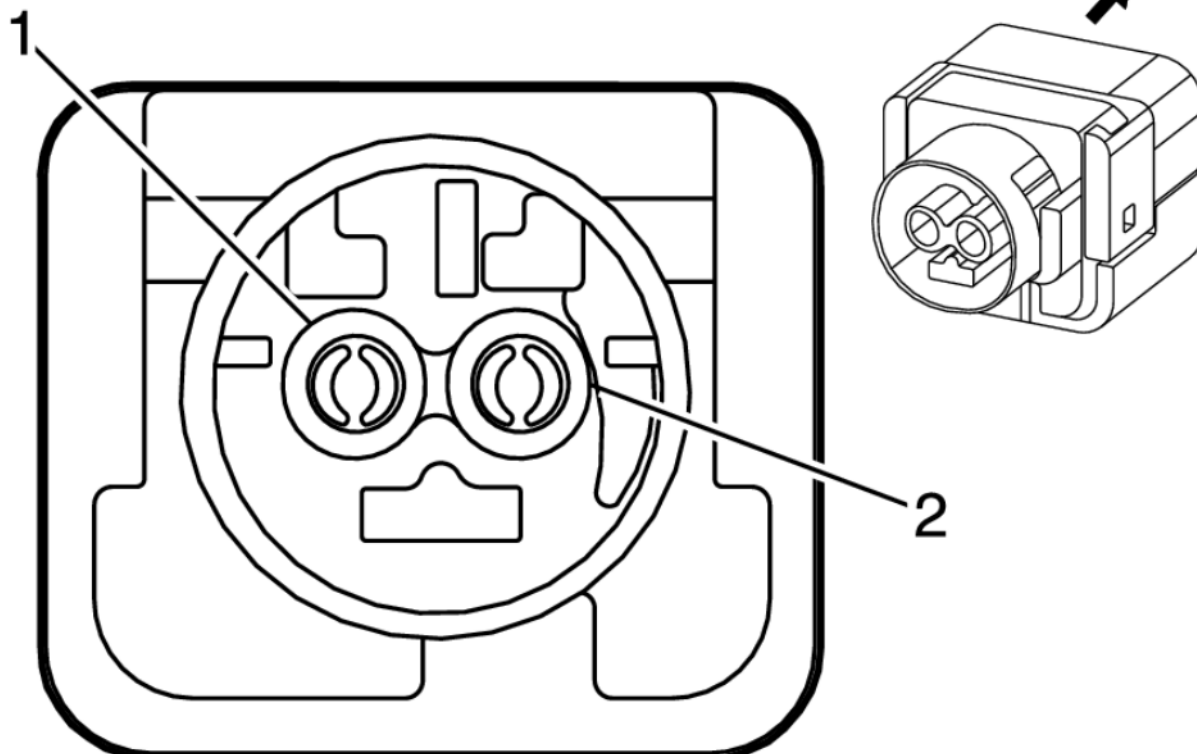
- Harness Type: Passenger Seat
- OEM Connector: 19178108
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
2	0.5	BU/OG	3067	Passenger Side Impact Module Low Control	I	-

F106RR SEAT SIDE AIR BAG - RIGHT REAR (AYF)



Connector Part Information

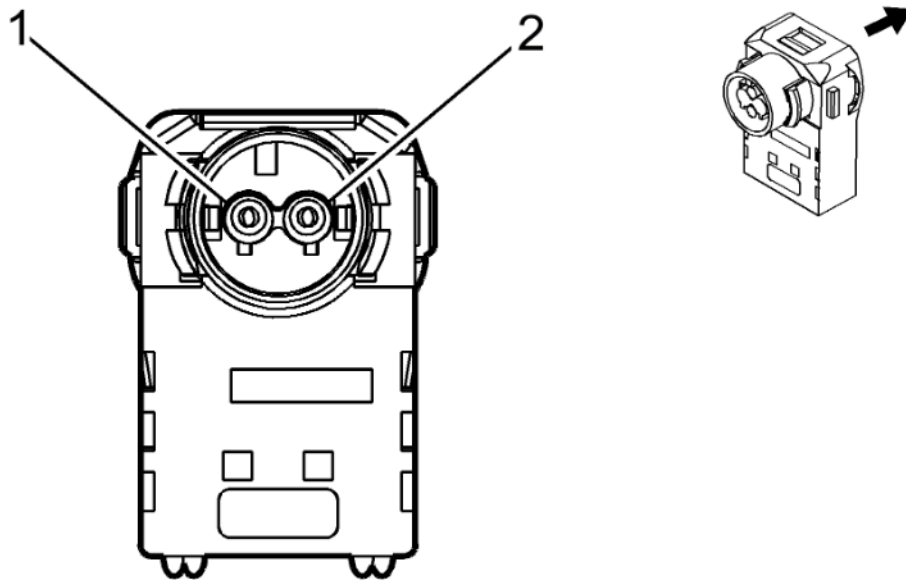
- Harness Type: Body
- OEM Connector: PPI0001142
- Service Connector: 19355495
- Description: 2-Way FFPB 180-1 Series (BK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/OG	5225	Right Rear Side Impact SIR Inflator Control	I	AYF
2	0.5	OG/GY	5226	Right Rear Side Impact SIR Inflator Control	I	AYF

F107 STEERING WHEEL AIR BAG X1



Connector Part Information

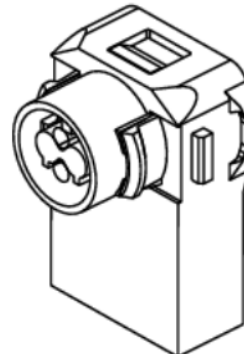
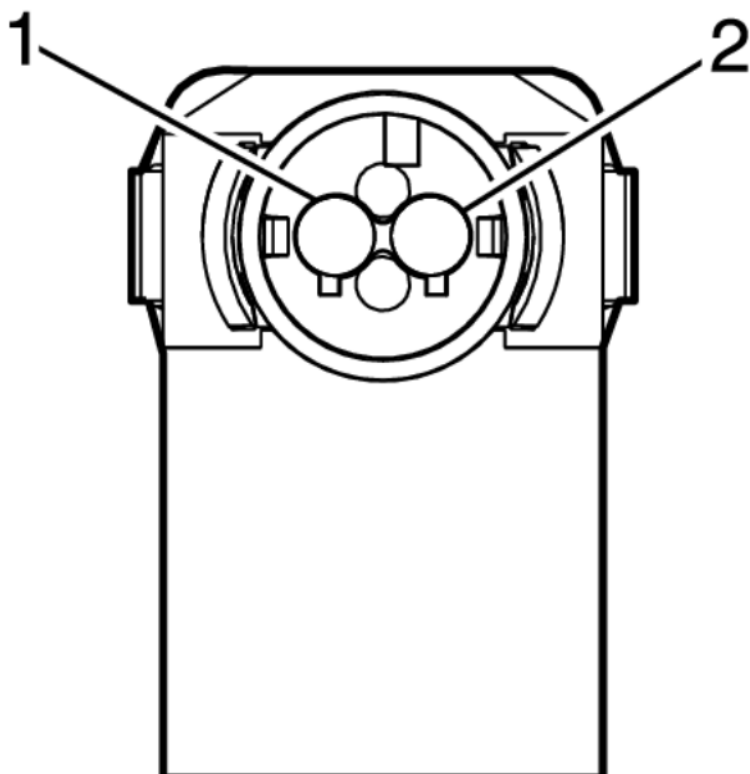
- Harness Type: Steering Wheel
- OEM Connector: 13596550
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (PK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	TN	3021	Steering Wheel Module Stage 1 High Control	I	-
2	-	BN	3020	Steering Wheel Module Stage 1 Low Control	I	-

F107 STEERING WHEEL AIR BAG X2



Connector Part Information

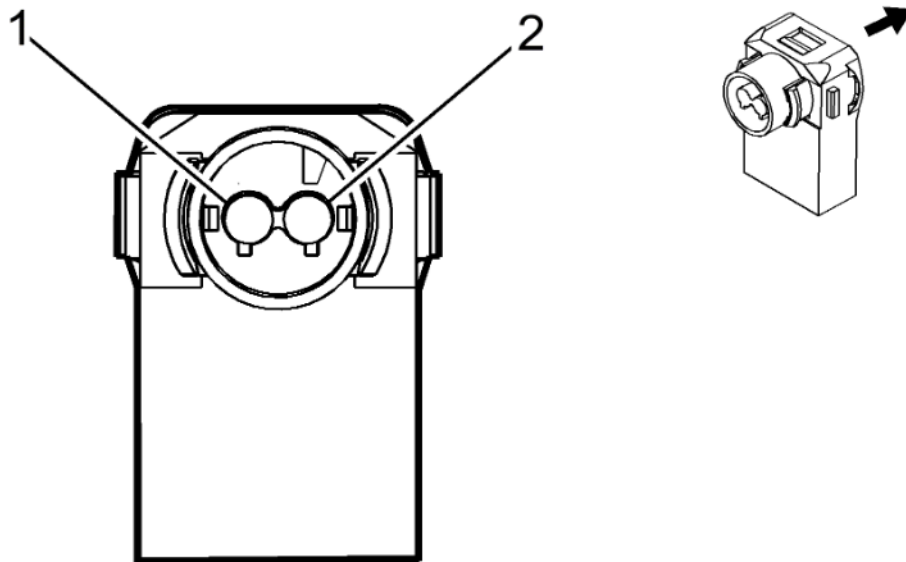
- Harness Type: Steering Wheel
- OEM Connector: 13596551
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH	3023	Steering Wheel Module Stage 2 High Control	I	-
2	-	PK	3022	Steering Wheel Module Stage 2 Low Control	I	-

F112D SEAT BELT RETRACTOR PRETENSIONER - DRIVER (AY0)



Connector Part Information

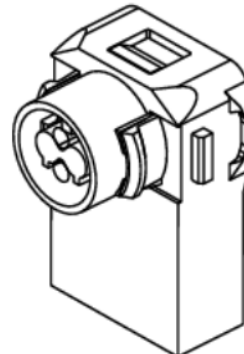
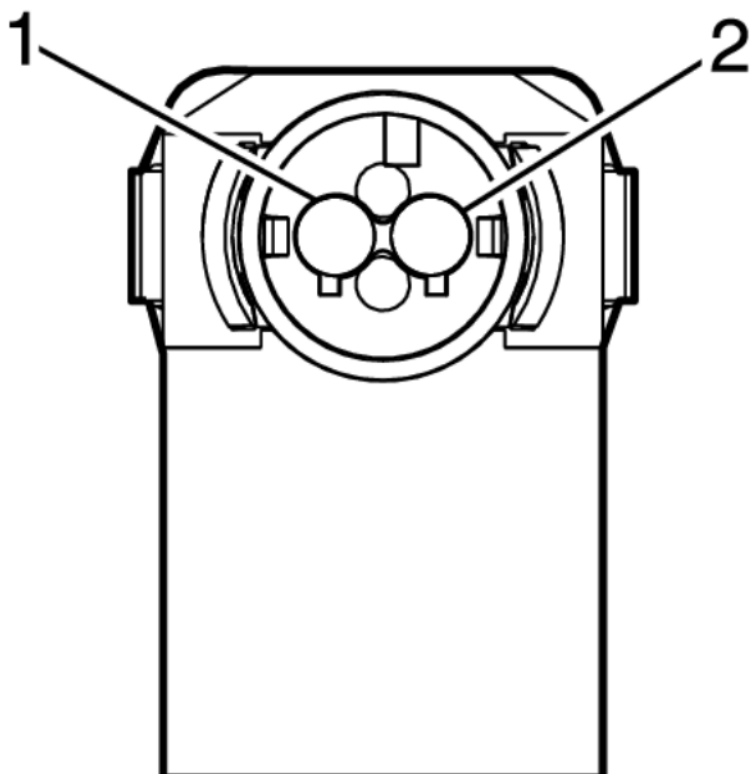
- Harness Type: Body
- OEM Connector: 13596557
- Service Connector: 19355416
- Description: 2-Way F 1.0 MAC Series (GN with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-

F112LR SEAT BELT RETRACTOR PRETENSIONER - LEFT REAR (SBK)



Connector Part Information

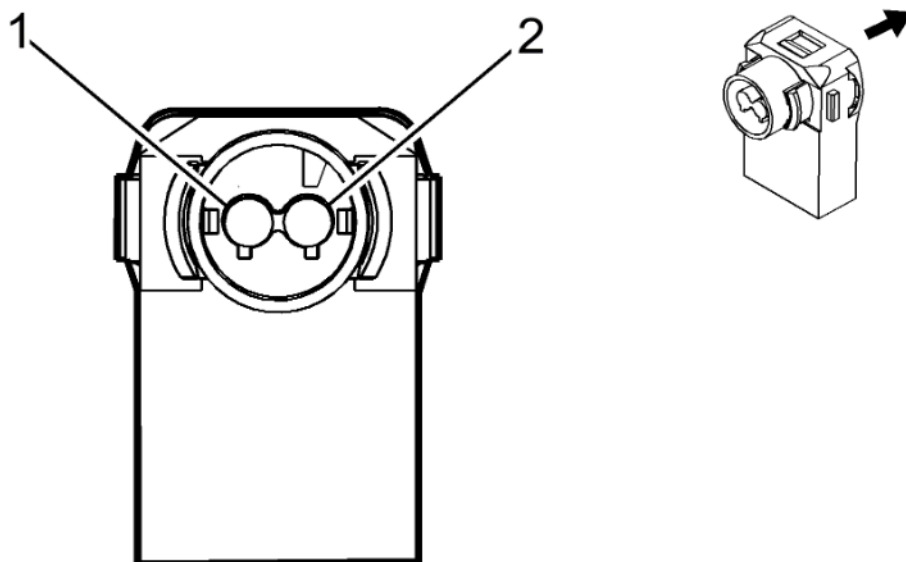
- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19355490
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	5155	Left Rear Seat Belt Pretensioner Control	I	SBK
2	0.5	BK/OG	5156	Left Rear Seat Belt Pretensioner Low Reference	I	SBK

F112P SEAT BELT RETRACTOR PRETENSIONER - PASSENGER (AY0)



Connector Part Information

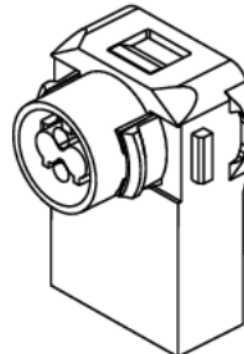
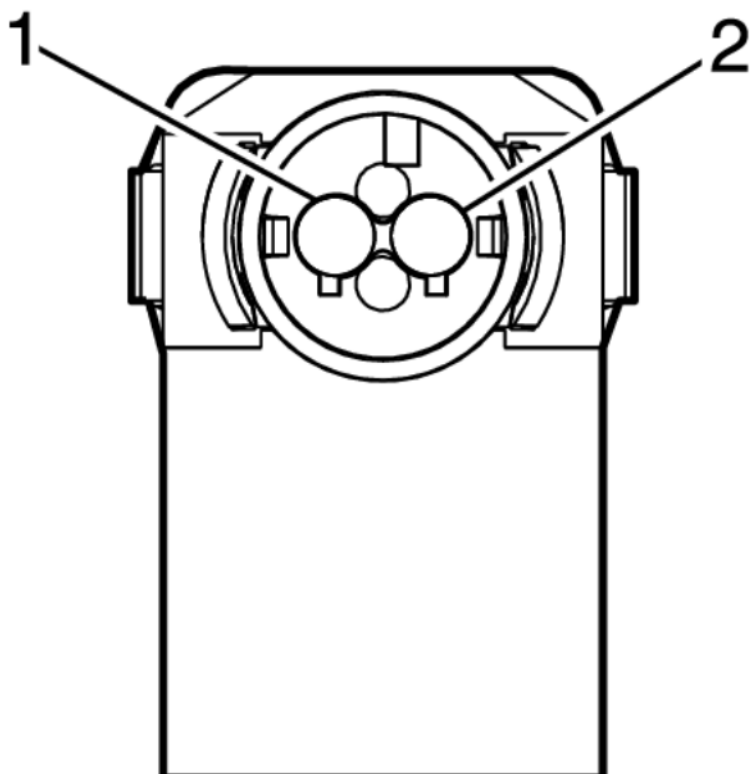
- Harness Type: Body
- OEM Connector: 13596557
- Service Connector: 19355416
- Description: 2-Way F 1.0 MAC Series (GN with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
2	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-

F112RR SEAT BELT RETRACTOR PRETENSIONER - RIGHT REAR (SBK)



Connector Part Information

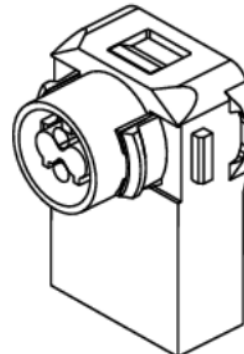
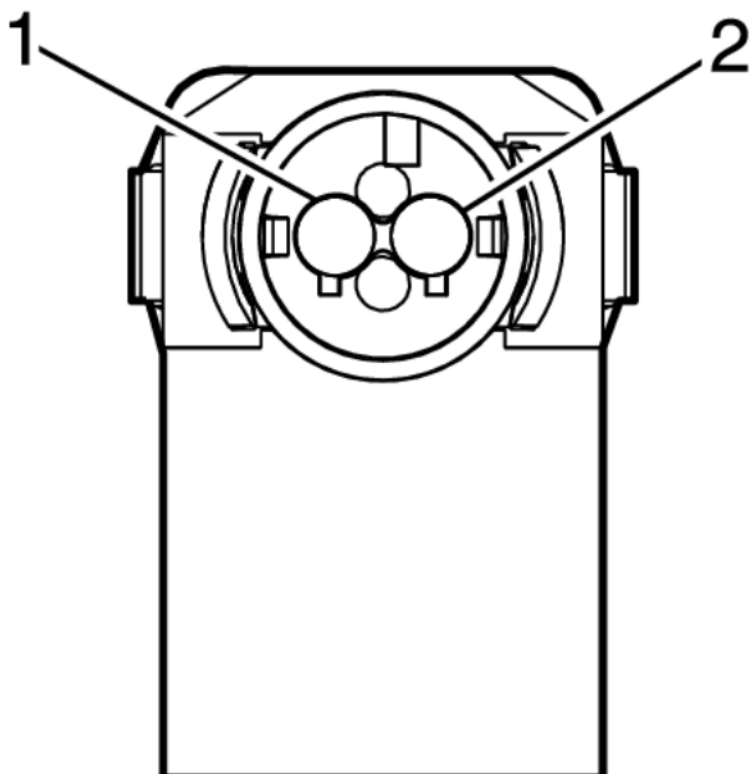
- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19355490
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/WH	5157	Right Rear Seat Belt Pretensioner Control	I	SBK
2	0.5	BK/OG	5158	Right Rear Seat Belt Pretensioner Low Reference	I	SBK

F113D SEAT BELT ANCHOR PRETENSIONER - DRIVER (AY0)



Connector Part Information

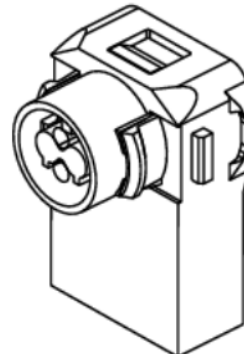
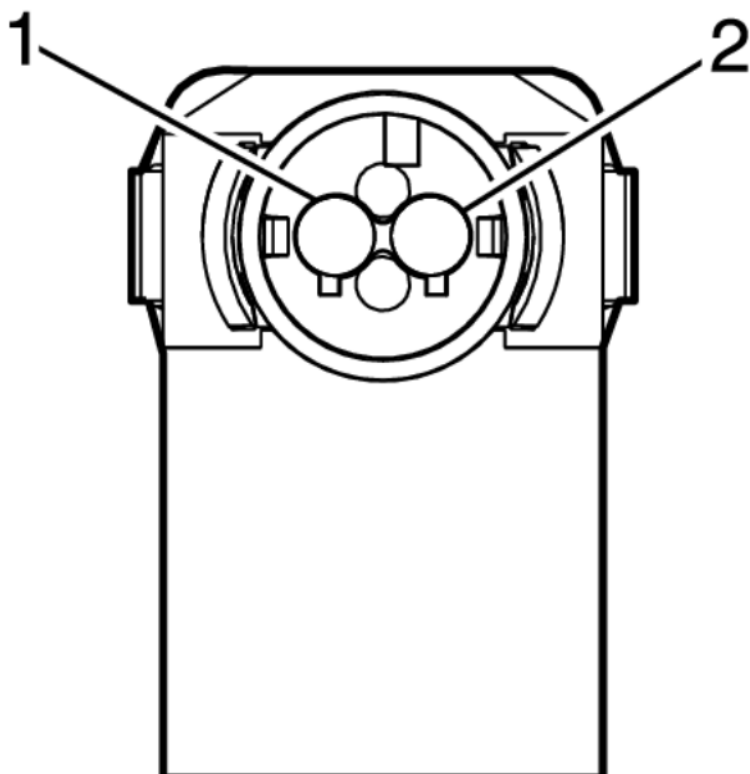
- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19355490
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
2	0.5	WH/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-

F113P SEAT BELT ANCHOR PRETENSIONER - PASSENGER (AY0)



Connector Part Information

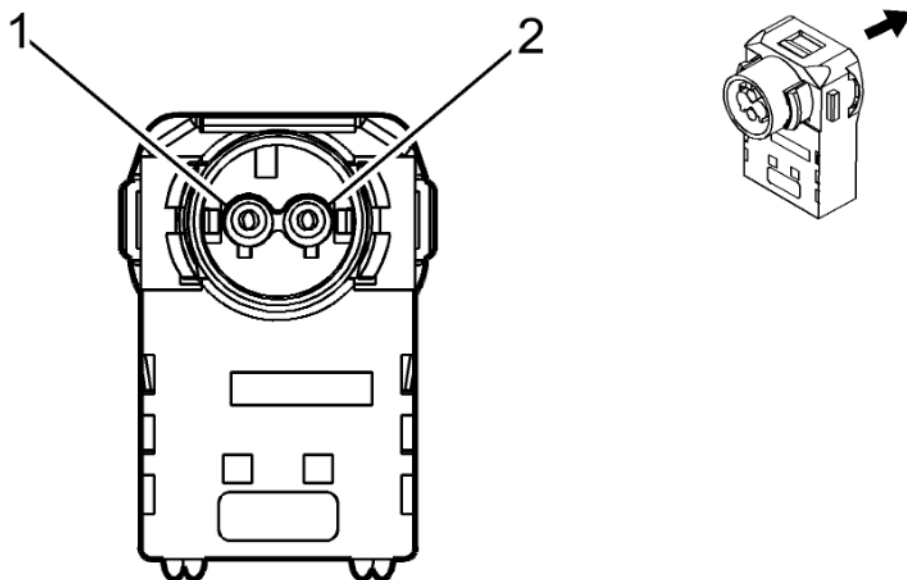
- Harness Type: Body
- OEM Connector: 33154433
- Service Connector: 19355490
- Description: 2-Way F 1.0 MAC Series (PU with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
2	0.5	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-

F114D KNEE AIR BAG - DRIVER (AYF)



Connector Part Information

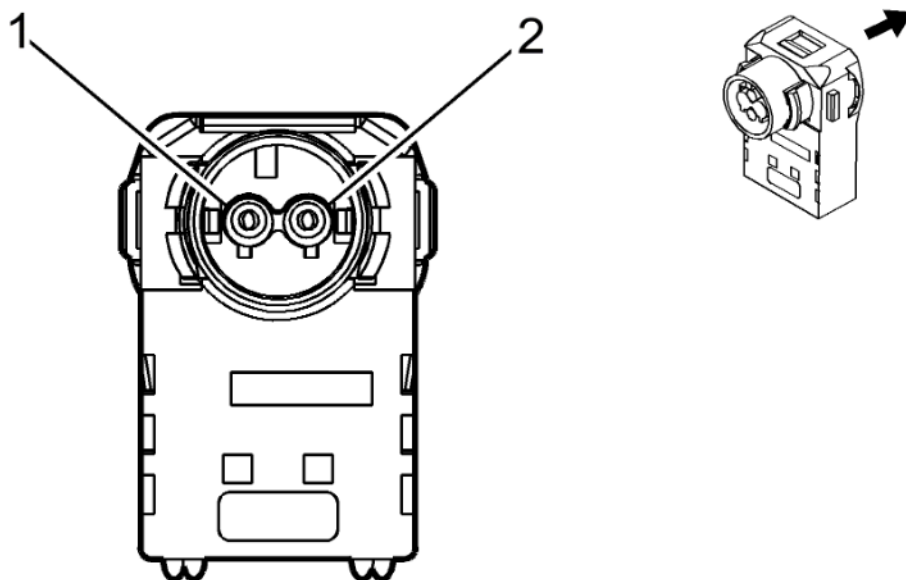
- Harness Type: Instrument Panel
- OEM Connector: 33154418
- Service Connector: 19355489
- Description: 2-Way F 1.0 MAC Series (PK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	3078	Driver Knee Module High Control	I	AYF
2	0.5	GY/OG	3079	Driver Knee Module Low Control	I	AYF

F114P KNEE AIR BAG - PASSENGER (AYF)



Connector Part Information

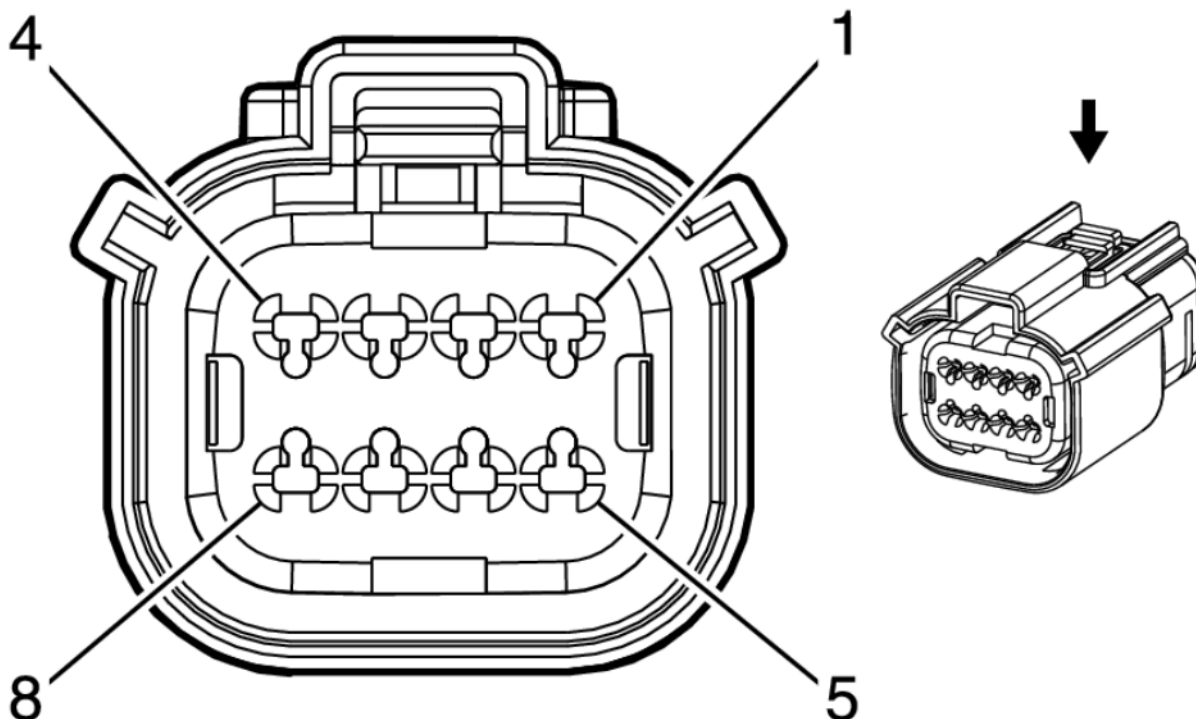
- Harness Type: Instrument Panel
- OEM Connector: 33154418
- Service Connector: 19355489
- Description: 2-Way F 1.0 MAC Series (PK with YE Cover)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	3076	Passenger Knee Module High Control	I	AYF
2	0.5	WH/OG	3077	Passenger Knee Module Low Control	I	AYF

G1 A/C COMPRESSOR X1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33472-0806
- Service Connector: 13577527
- Description: 8-Way F 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	150	Ground	I	-
2	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
3	0.5	VT/WH	1139	Run/Crank Ignition 1 Voltage	I	-
4	0.5	RD/GY	2140	Battery Positive Voltage	I	-
5	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
6	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-

G1 A/C COMPRESSOR X2

Connector Part Information

- Harness Type: High Voltage
- OEM Connector: 135050435

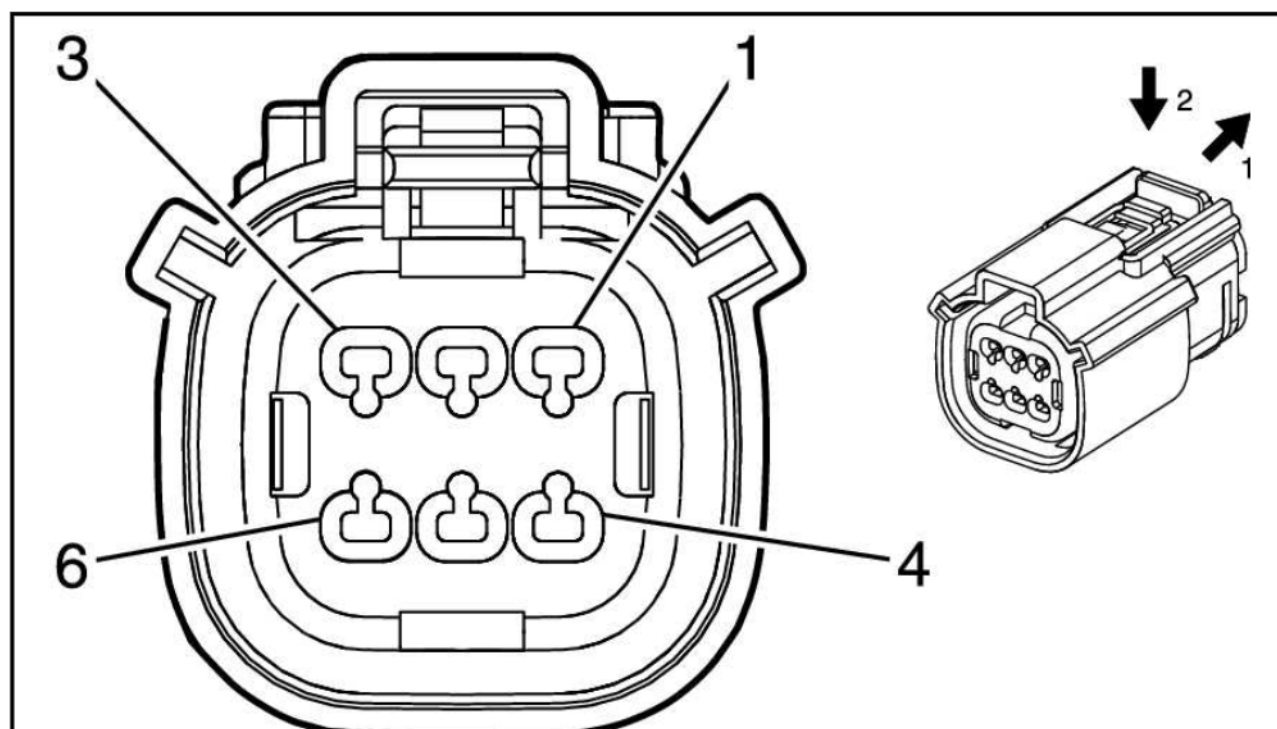
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3974	High Voltage Battery 5 (+)	I	-
B	-	OG/BK	3973	High Voltage Battery 5 (-)	I	-

G5 TRANSMISSION FLUID PUMP - ELECTRIC/AUXILIARY



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33472-0681
- Service Connector: 13585853
- Description: 6-Way F 150 MX Series, Sealed (BK)

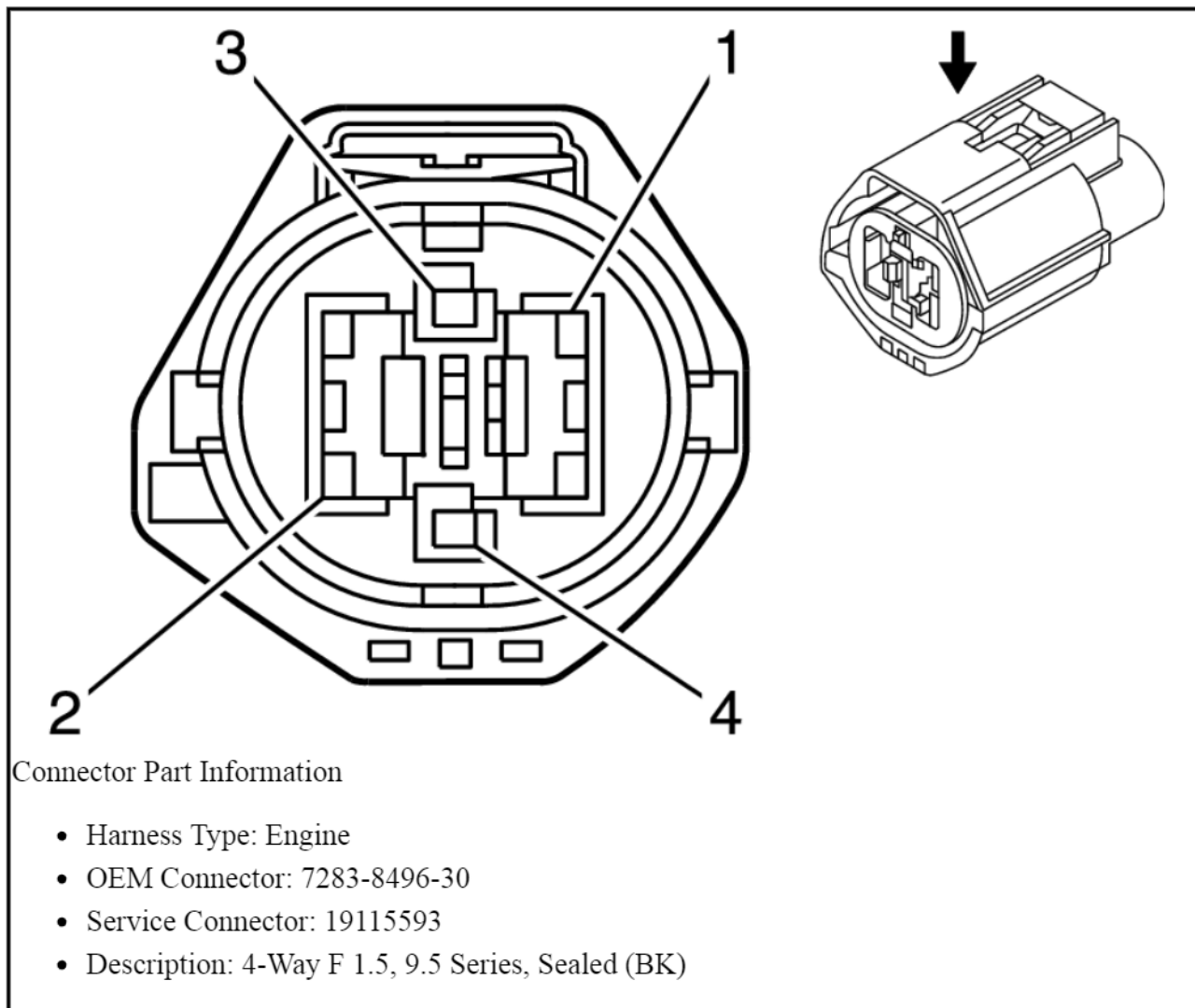
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	RD/BU	3240	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.5	GY/BK	2967	Transmission Auxiliary Oil Pump Relay Control	I	-
5	0.5	GY/BU	4324	Transmission Auxiliary Pump Feedback Signal	I	-
6	1	BK	350	Ground	I	-

G10 COOLING FAN MOTOR

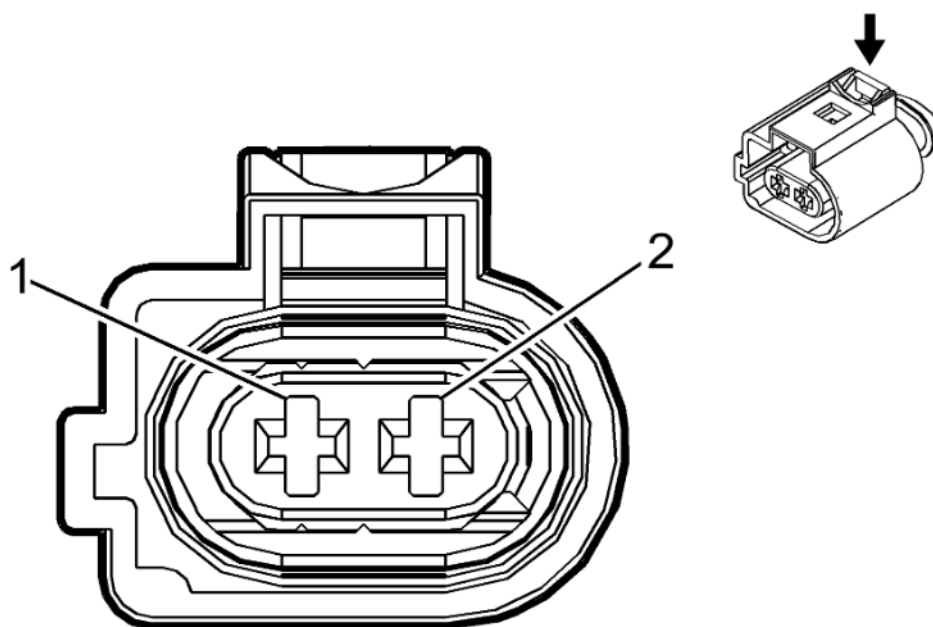


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-22 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/BU	302	Battery Positive Voltage	I	-
2	4	BK	2150	Ground	I	-
3	-	-	-	Not Occupied	-	-
4	0.75	WH	2368	Cooling Fan Control Signal	II	-

G19 REAR WINDOW WASHER PUMP



Connector Part Information

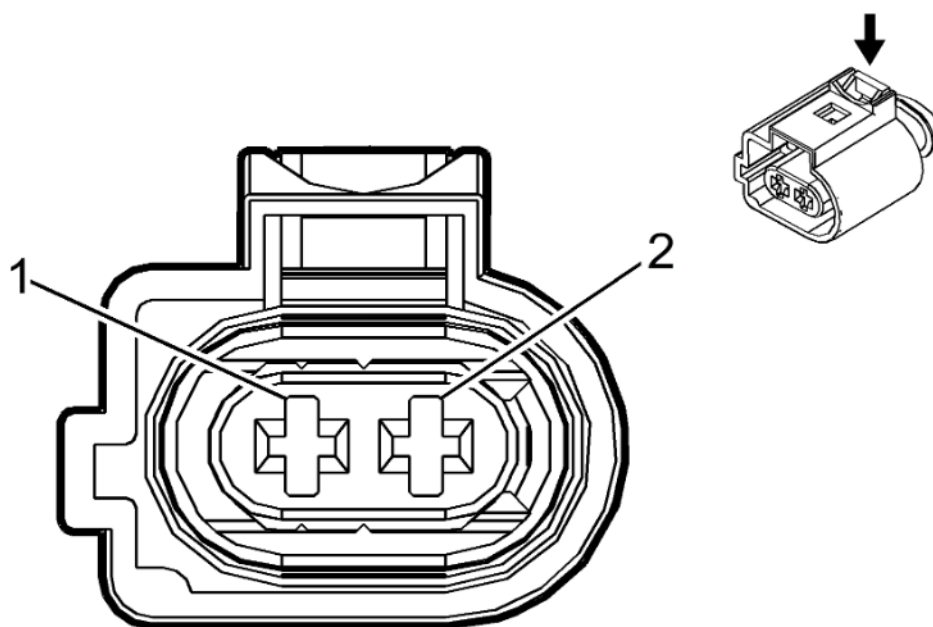
- Harness Type: Forward Lamp
- OEM Connector: 3-1355200-1
- Service Connector: 19301746
- Description: 2-Way F 2.8 MCP Series, Sealed (NA)

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	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/VT	392	Rear Window Washer Pump Control	I	-
2	0.5	BK	250	Ground	I	-

G24 WINDSHIELD WASHER PUMP



Connector Part Information

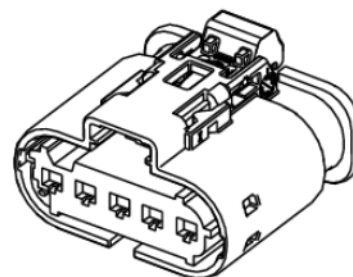
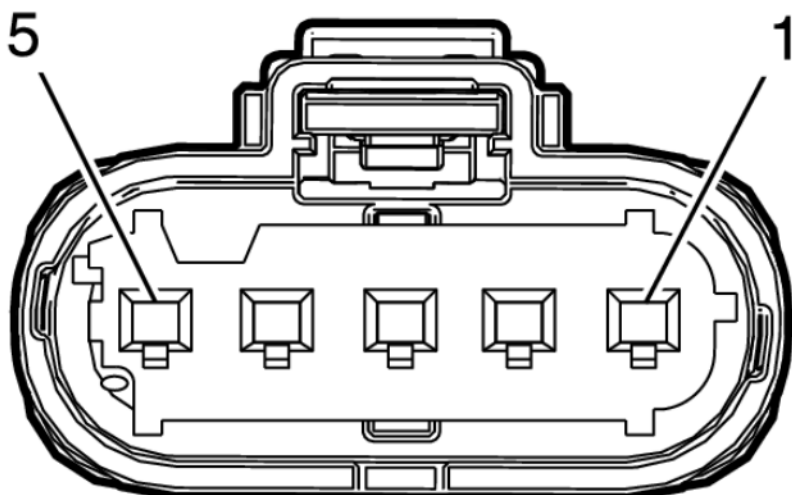
- Harness Type: Forward Lamp
- OEM Connector: 3-1355200-1
- Service Connector: 19301746
- Description: 2-Way F 2.8 MCP Series, Sealed (NA)

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	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/VT	228	Windshield Washer Pump Control	I	-
2	0.5	BK	250	Ground	I	-

G35 HYBRID/EV ELECTRONICS COOLANT PUMP



Connector Part Information

- Harness Type: Engine
- OEM Connector: 9408621
- Service Connector: 19300589
- Description: 5-Way F 1.2 Multilock Series, Sealed (BK)

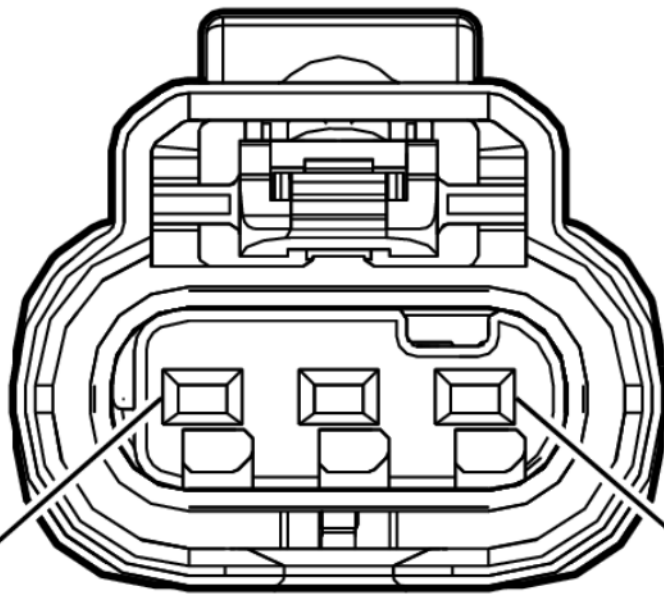
Terminal Part Information

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

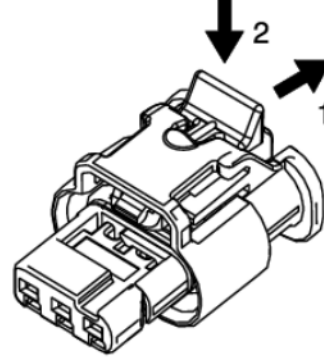
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/BU	3788	Electric Coolant Motor Control	I	-
2	0.5	VT/BU	3790	Electric Coolant Motor Feedback Signal	I	-
3	0.5	YE/GN	3789	Electric Coolant Motor Control	I	-
4	0.5	BK	350	Ground	I	-
5	0.5	RD/VT	3340	Battery Positive Voltage	I	-

G36 AUXILIARY HEATER COOLANT PUMP

3



1



Connector Part Information

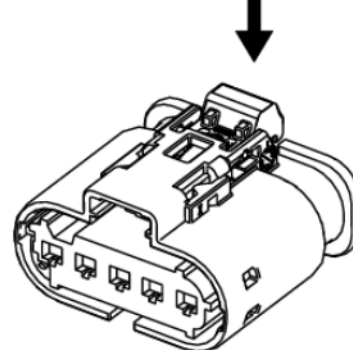
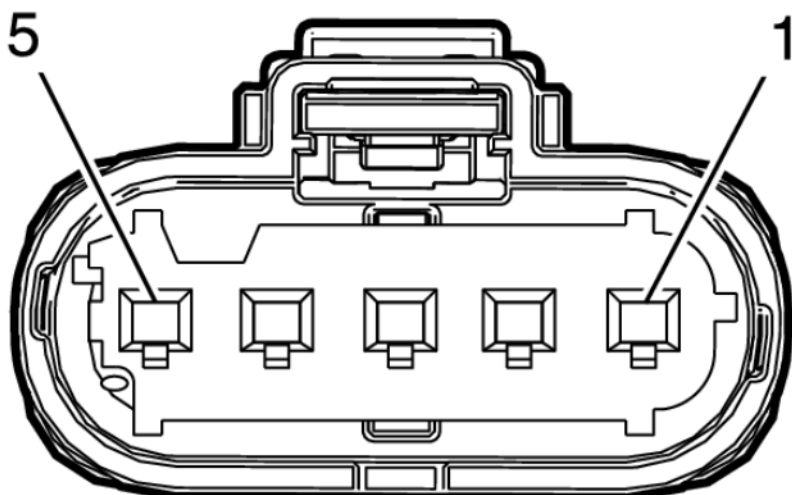
- Harness Type: Engine
- OEM Connector: 4-2272004-1
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	350	Ground	I	-
2	0.5	RD/WH	3440	Battery Positive Voltage	I	-
3	-	-	-	Not Occupied	-	-

G37 HYBRID/EV BATTERY PACK COOLANT PUMP



Connector Part Information

- Harness Type: Engine
- OEM Connector: 9408621
- Service Connector: 19300589
- Description: 5-Way F 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	3794	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
2	0.5	YE/GY	3796	Rechargeable Energy Storage System 1 Coolant Motor Feedback Signal	I	-
3	0.5	BU/VT	3795	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
4	0.5	BK	350	Ground	I	-
5	0.5	RD/GY	3540	Battery Positive Voltage	I	-

K1 14V POWER MODULE X1

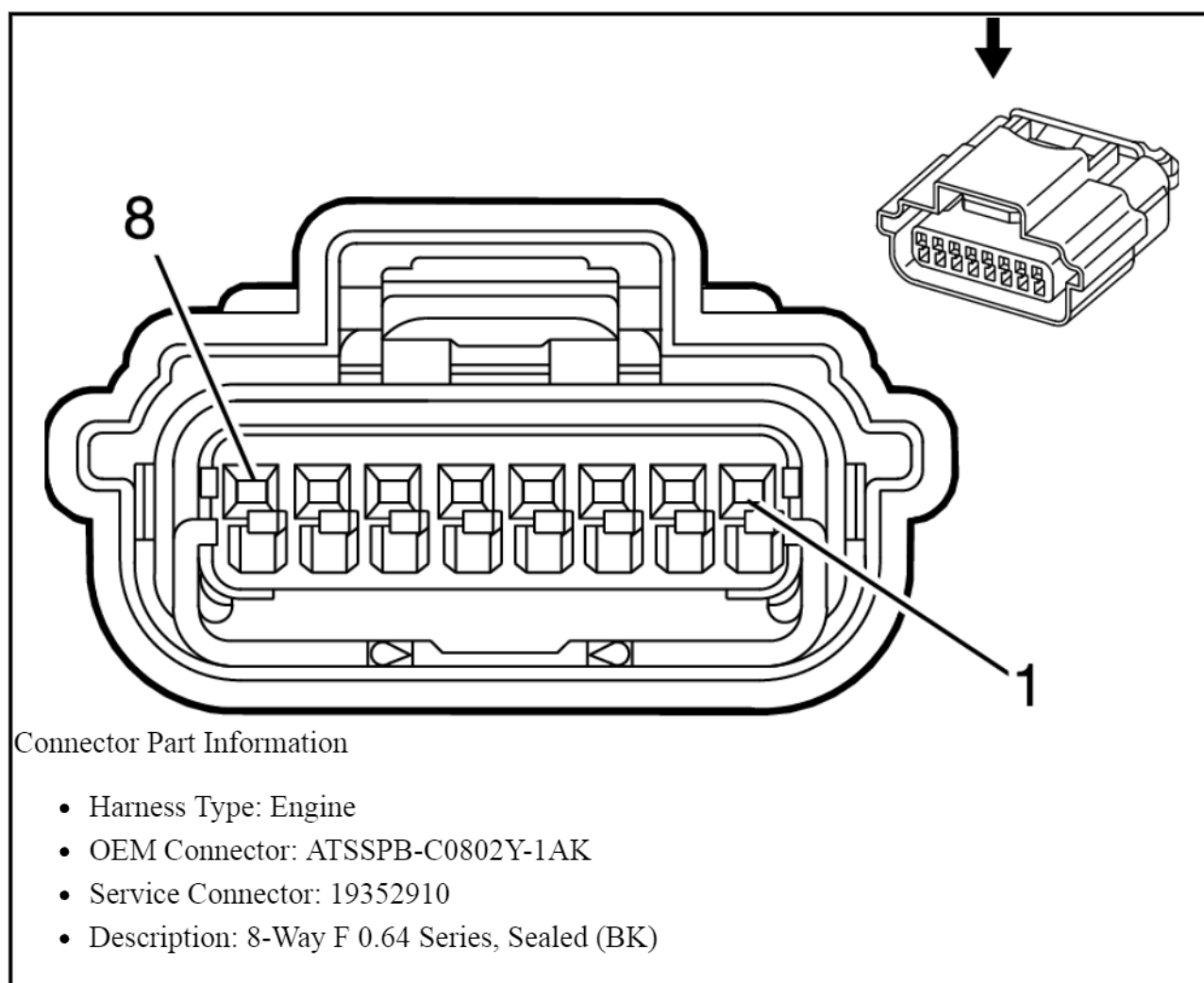
Connector Part Information

- Harness Type: Engine
- OEM Connector: 13511583
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG/BK	3833	High Voltage Battery 2 (-)	I	-
B	-	OG	3834	High Voltage Battery 2 (+)	I	-

K1 14V POWER MODULE X2**Connector Part Information**

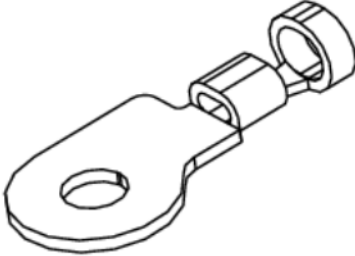
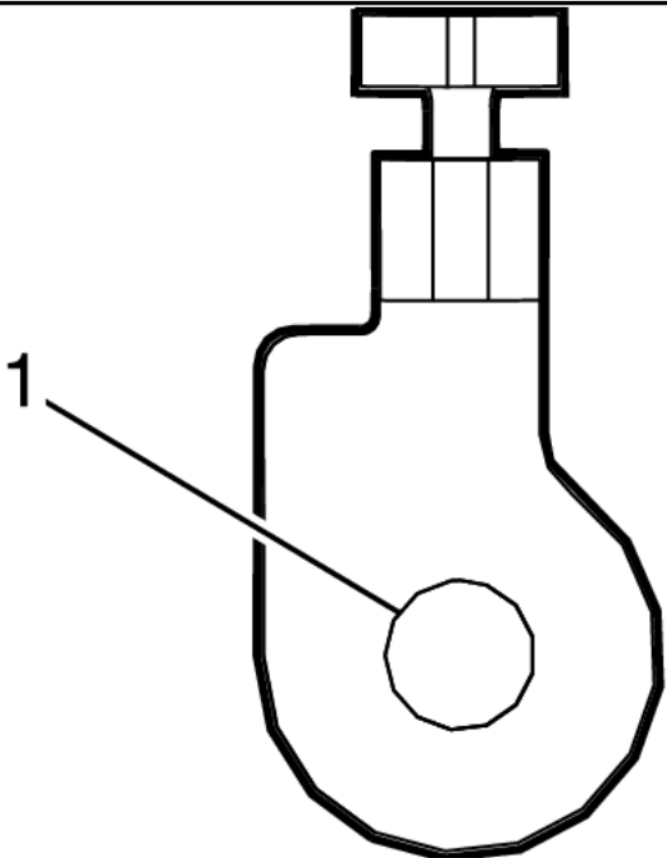
- Harness Type: Engine
- OEM Connector: ATSSPB-C0802Y-1AK
- Service Connector: 19352910
- Description: 8-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN	25	Charge Indicator Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
4 - 8	-	-	-	Not Occupied	-	-

K1 14V POWER MODULE X3



Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: 33194395
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

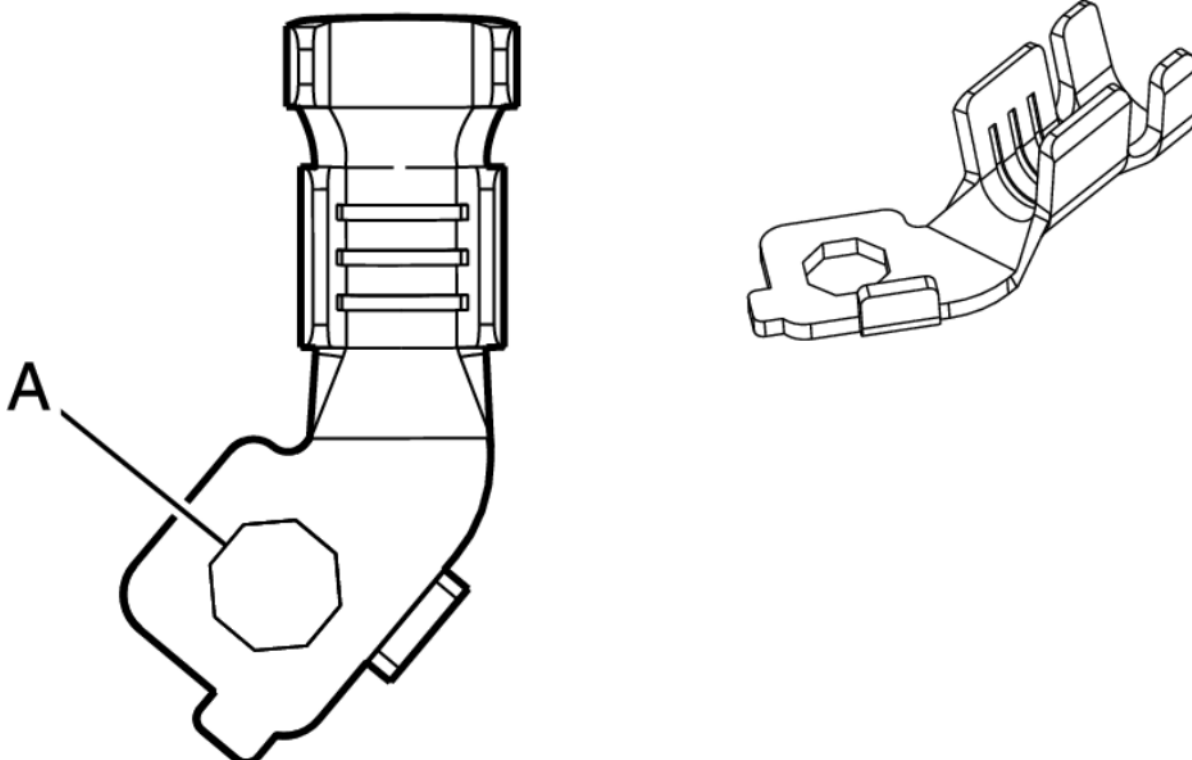
Terminal Part Information

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	Function	Terminal Type ID	Option
1	25	RD/YE	2	Battery Positive Voltage	I	-

K1 14V POWER MODULE X4

cardiagn.com



Connector Part Information

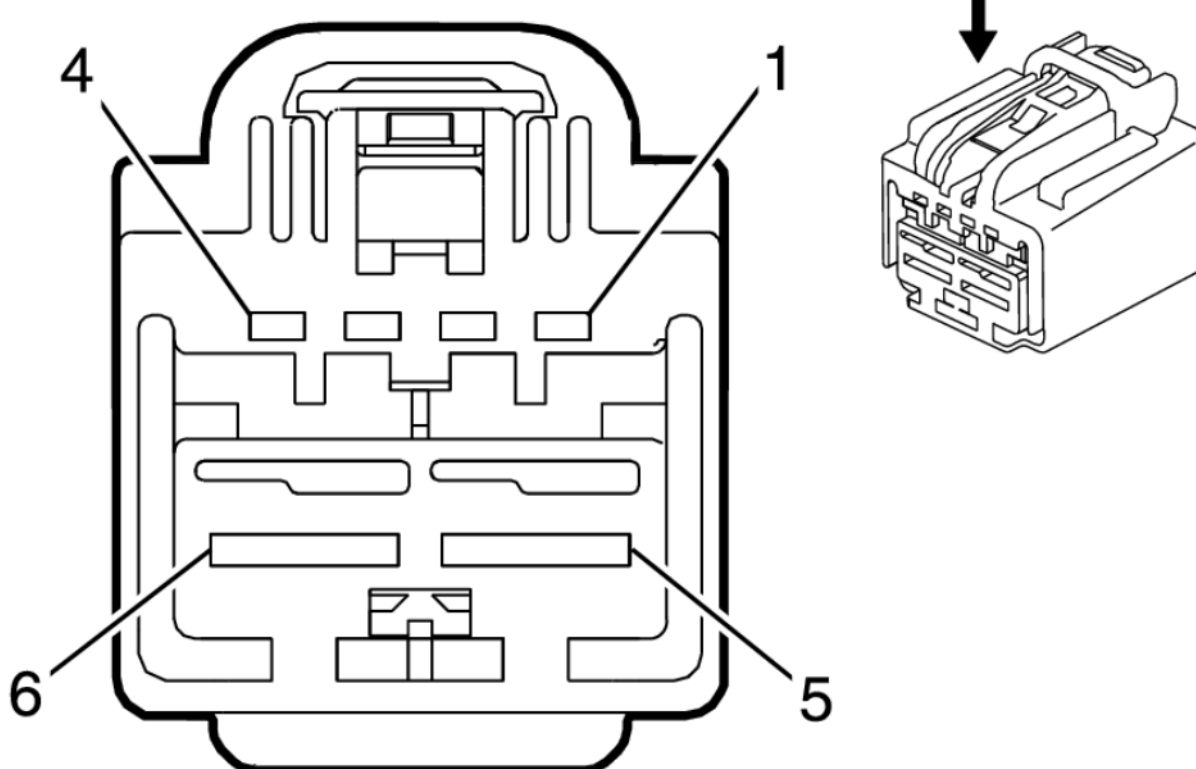
- Harness Type: Battery Cable
- OEM Connector: CBR669-012
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

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	Function	Terminal Type ID	Option
A	25	BK	750	Ground	I	-

K8 BLOWER MOTOR CONTROL MODULE



Connector Part Information

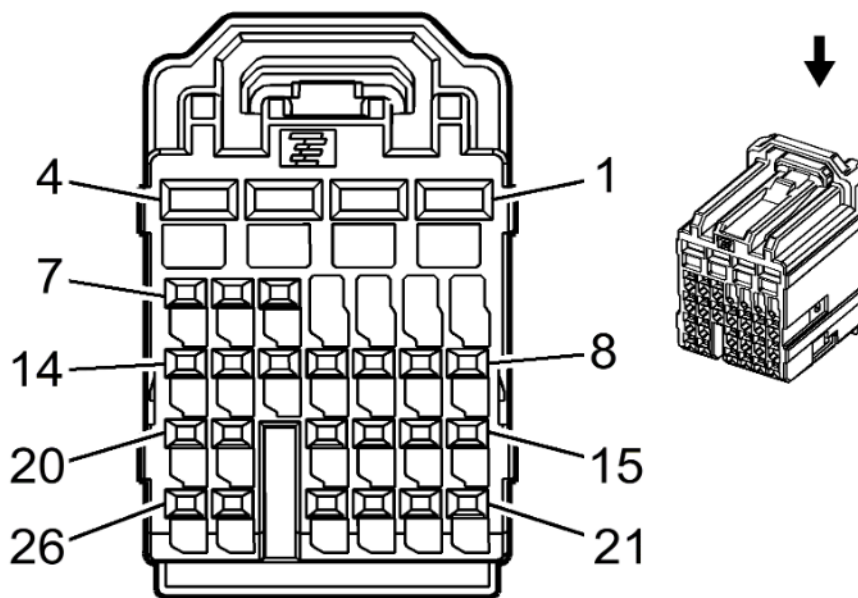
- Harness Type: Instrument Panel
- OEM Connector: 7283-9749-30
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F YESC Kaizen Series (BK)

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-35616-42 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BU/GY	754	Blower Motor Speed Control	I	-
4	-	-	-	Not Occupied	-	-
5	2.5	BK	1350	Ground	II	-
6	2.5	RD/BU	840	Battery Positive Voltage	II	-

K9 BODY CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 2098067-1
- Service Connector: 13576031
- Description: 26-Way F 0.64, 2.8 Series (NA)

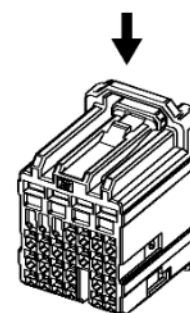
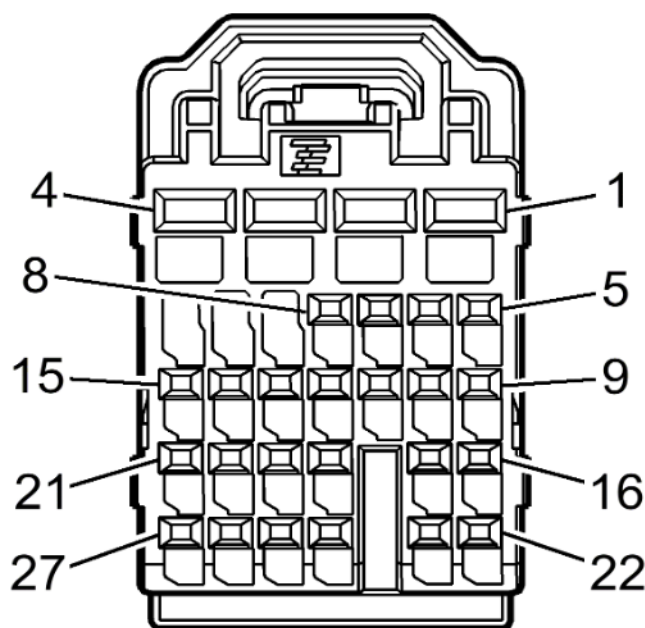
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
II	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	1350	Ground	II	-
2	0.75	RD/YE	4340	Battery Positive Voltage	II	-
3	0.75	RD/BN	4240	Battery Positive Voltage	II	-
4	0.75	RD/GY	4140	Battery Positive Voltage	II	-
5	0.35	WH	6816	Indicator Dimming Control	I	-
6	0.35	GN/WH	2270	Rear Window Washer Relay Control	I	-
7	0.35	BK/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	I	-
8 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN/BN	306	Headlamp Switch Headlamps Off Signal Control	I	-
12	0.35	BU/GY	187	Rear Fog Lamp Switch Signal	I	-
13	0.35	BU/RD	1688	5V Reference	I	-
14	0.35	BN/VT	245	Passenger Door Lock Switch Unlock Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.35	GN	4512	Wireless Charging System Charge Indicator Control	I	K4C
16	0.35	WH/VT	103	Headlamp Switch On Signal	I	-
17	0.35	GY/YE	7543	Hazard LED Dimming Signal	I	-
18	0.35	BU/VT	5904	Steering Column Lock Status Signal	I	N06
19	0.5	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
20	0.13	BU	5719	Ignition Mode Switch Start LED Signal	I	-
21	-	-	-	Not Occupied	-	-
22	0.35	GN/GY	13	Headlamp Switch Park Lamp Signal	I	-
23	0.13	GN	5721	Ignition Mode Switch Off LED Signal	I	-
24	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
25	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
26	0.35	BU/WH	3275	Remote Function Actuator Receive Signal	I	-

K9 BODY CONTROL MODULE X2



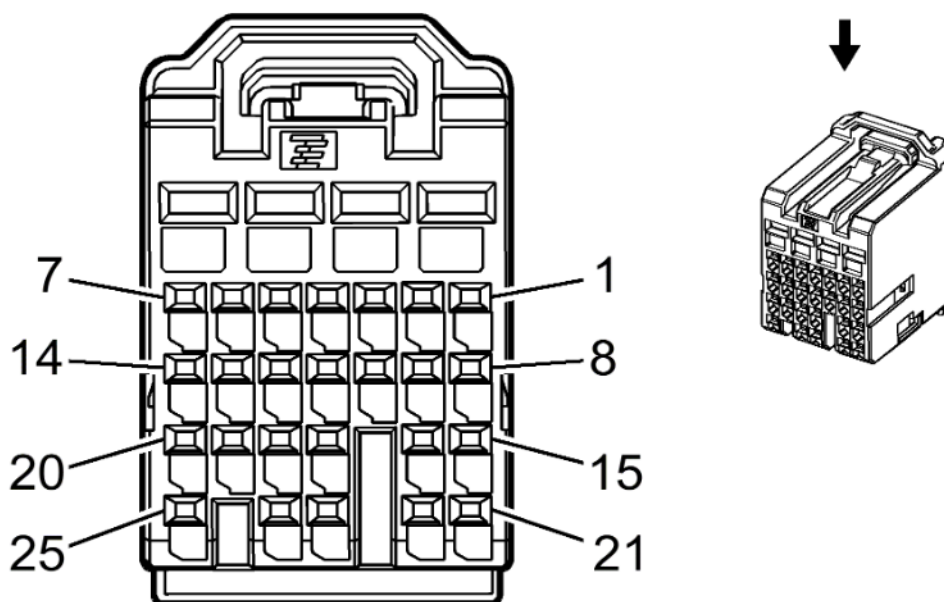
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 2098067-2
- Service Connector: 13576032
- Description: 27-Way F 0.64, 2.8 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	13575578	J-35616-35 (VT)	J-38125-553	8100-4445	Sumitomo 22	4	4
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/VT	4040	Battery Positive Voltage	III	-
2	0.75	BK	1350	Ground	III	-
3	0.75	RD/GN	4440	Battery Positive Voltage	III	-
4	2	RD/WH	4740	Battery Positive Voltage	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.5	BU/YE	5361	Brake Apply Sensor Signal	II	-
8	0.35	YE	6817	LED Backlight Dimming Control	II	-
9	0.35	YE/GY	44	Instrument Panel Lamp Dimmer Switch Signal	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	BN/BU	391	Rear Window Wiper Switch Signal	II	-
13	0.5	WH	5359	Brake Apply Sensor Control	II	-
14	0.5 0.35	BARE BU/VT	1782 1788	Low Reference Traction Control Switch Signal 1	II II	UE1 -UE1
15	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	II	-
16	0.35	GY	3273	Remote Function Actuator Low Reference	II	-
17	0.13	BU	5723	Ignition Mode Switch Mode Voltage	II	-
18	0.35	BU	6856	Headlamp Automatic High Beam Dim Control	II	-
19	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	II	-
20	-	-	-	Not Occupied	-	-
21	0.35	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	II	-
22	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
23	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
25	0.35	GY/WH	3272	Remote Function Actuator Control	II	-
26	0.35	GN/WH	111	Hazard Switch Signal	II	-
27	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	II	-



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 2098067-7
- Service Connector: 13576037
- Description: 25-Way F 0.64, 2.8 Series (GN)

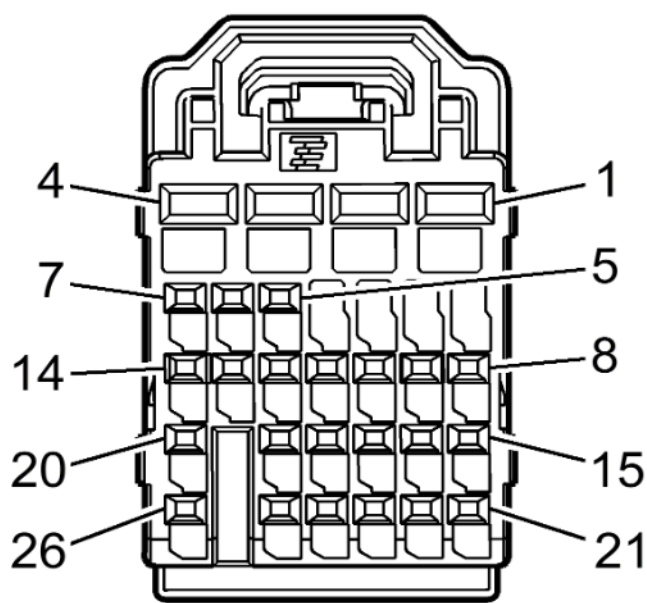
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/VT	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-
4	0.35	YE	7556	Lighting Control Switch Reference	I	-
5	0.13	GY	4	Accessory Ignition Voltage	I	-
6	0.13	VT	3	Run/Crank Ignition 1 Voltage	I	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
10	0.35	BK/GY	6009	Windshield Wiper Switch Low Reference	I	-
11	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-
12	0.35	WH/GN	663	Hazard Switch Left Turn Signal	I	-
13	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14 - 16	-	-	-	Not Occupied	-	-
17	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-
18	0.35	GN/WH	3287	Horn Switch Signal	I	-
19	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
20	0.35	GY	1715	Windshield Wiper Switch High Signal	I	-
21	0.5	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
22 - 23	-	-	-	Not Occupied	-	-
24	0.35	VT/BU	664	Hazard Switch Right Turn Signal	I	-
25	0.35	WH/BK	94	Windshield Washer Switch Signal	I	-

K9 BODY CONTROL MODULE X4



Connector Part Information

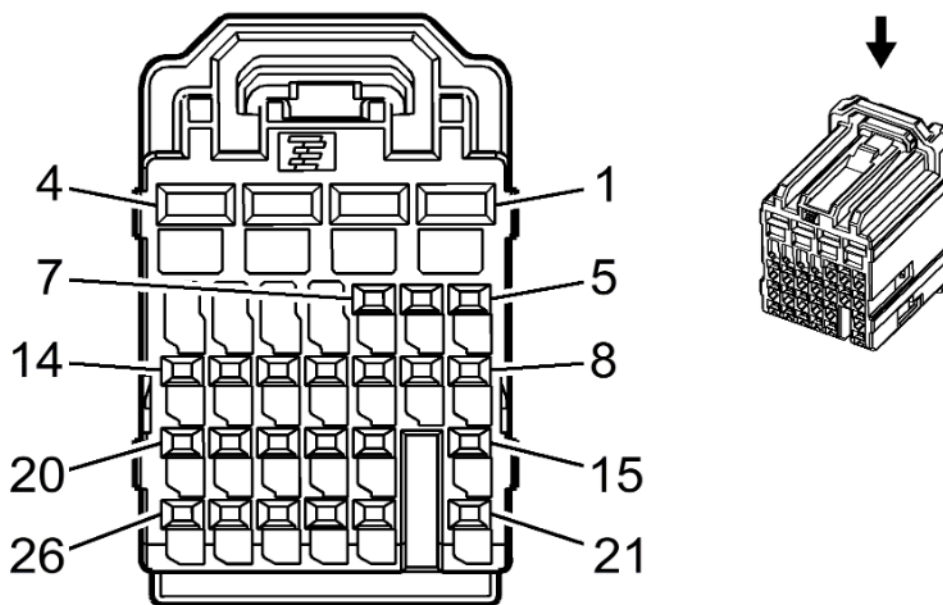
- Harness Type: Body
- OEM Connector: 2098067-3
- Service Connector: 13576033
- Description: 26-Way F 0.64, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	312	Right Headlamp Low Beam Control	I	-
2	0.5	YE	712	Left Headlamp Low Beam Control	I	-
3	0.75	GN/VT	1315	Right Front Turn Signal Lamp Control	III	-
4	0.5	BU/VT	1335	Right Rear Turn Signal Lamp Control	I	-
5	0.5	GY/BN	309	Right Park Lamp Control	II	-
6	0.5	VT/GY	709	Left Park Lamp Control	II	-
7 - 8	-	-	-	Not Occupied	-	-
9	0.35	GY/VT	3264	Logistic Mode Relay Close Control	II	-
10	0.35	YE	5420	Rear Wiper Motor Relay Coil Control	II	-
11	0.5	BN/YE	820	CHMSL Control	II	-
12	0.35	GN/VT	4759	Remote PRNDL Enable	II	-
13	0.35	GN/YE	6846	Rear License Lamp Control	II	-
14	0.35	BN/GY	2268	Windshield Washer Relay Control	II	-
15	0.35	GN/VT	5199	Run/Crank Relay Coil Control	II	-
16	0.5	GY	91	Windshield Wiper Motor Relay Coil Control	II	-
17	-	-	-	Not Occupied	-	-
18	0.5	WH/YE	5075	Current Sensor Signal	II	-
19	-	-	-	Not Occupied	-	-
20	0.35	RD/GN	40	Battery Positive Voltage	II	-
21	0.5	BU/VT	5076	Current Sensor Control	II	-
22	0.5	VT/YE	5985	Accessory Wakeup Serial Data	II	-
23	0.5	WH/BU	5986	Serial Data Communication Enable	II	-
24	0.5	BN/GN	109	Hood Ajar Switch Signal	II	-
25	0.5	YE/BU	4086	Pushbutton Start Challenge Active Signal	II	-
26	0.5	BK/WH	51	Signal Ground	II	-

K9 BODY CONTROL MODULE X5



Connector Part Information

- Harness Type: Body
- OEM Connector: 2098067-4
- Service Connector: 13576034
- Description: 26-Way F 0.64, 2.8 Series (BN)

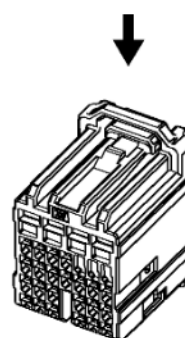
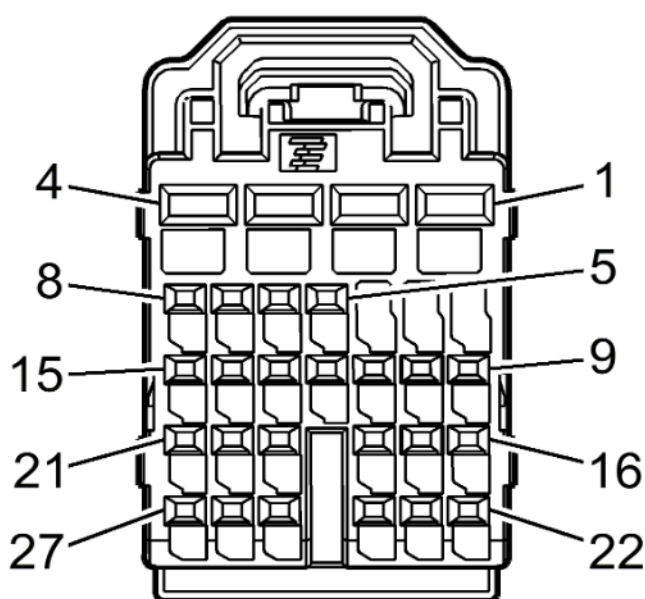
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
III	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/WH	1334	Left Rear Turn Signal Lamp Control	I	-
2	0.75	BU/WH	1314	Left Front Turn Signal Lamp Control	III	-
3	0.5	RD/VT	4640	Battery Positive Voltage	I	-
4	0.5	RD/BU	4540	Battery Positive Voltage	I	-
5	0.5	BN/BU	1977	Rear Fog Lamp Relay Control	II	VD1
6	0.5	BK/VT	5077	Current Sensor Low Reference	II	-
7 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN/BN	5706	Endgate Latch Relay Control	II	-
12	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	II	-
13	0.35	BN/YE	1970	Headlamp Low Beam Relay Control	II	-
14	0.35	VT/BN	541	Run Ignition 3 Voltage	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.5	BN/WH	1635	Right Rear Heated Seat High Indicator Control	II	KA6
16 - 17	-	-	-	Not Occupied	-	-
18	0.35	BN/VT	1969	Headlamp High Beam Relay Control	II	-
19	0.35	BN/WH	28	Horn Relay Control	II	-
20	0.35	YE	5704	Endgate Latch Relay Coil Control	II	-
21	0.5	WH	1638	Left Rear Heated Seat High Indicator Control	II	KA6
22 - 26	-	-	-	Not Occupied	-	-

K9 BODY CONTROL MODULE X6



Connector Part Information

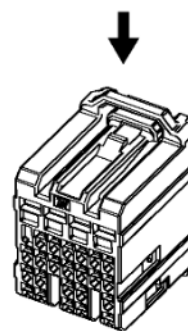
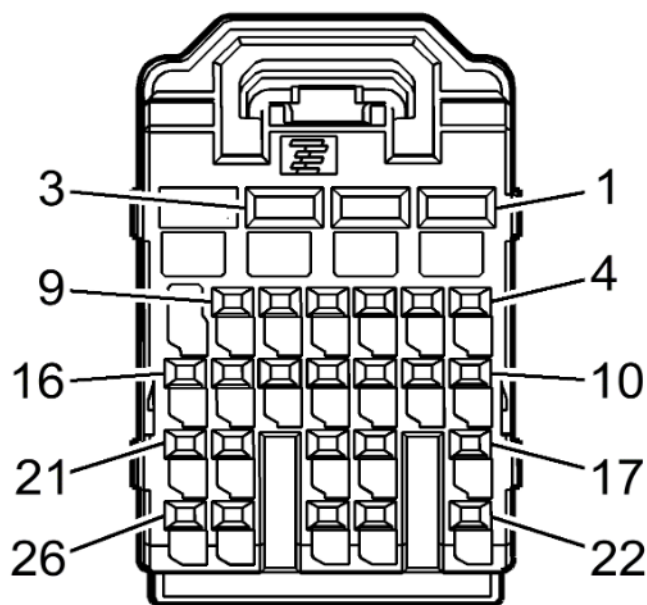
- Harness Type: Body
- OEM Connector: 2098067-5
- Service Connector: 13576035
- Description: 27-Way F 0.64, 2.8 Series (PK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575578	J-35616-35 (VT)	J-38125-553	8100-4445	Sumitomo 22	4	4
II	13575578	J-35616-35 (VT)	J-38125-553	Not Available	Not Available	Not Available	Not Available
III	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available
IV	13582326	J-35616-35 (VT)	J-38125-553	8100-4444	Sumitomo 22	2	A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY	5911	Door Lock Actuator Lock Control 2	IV	-
2	1.5	GY	295	Door Lock Actuator Lock Control	II	-
3	2	BK	650	Ground	I	-
4	1.5	BN/YE	294	Door Lock Actuator Unlock Control	II	-
5	0.5	VT/GY	1303	Lift Gate Ajar Switch Signal 1	III	-
6	-	-	-	Not Occupied	-	-
7	0.35	WH/YE	7557	LED Ambient Lighting Control 1	III	-
8	-	-	-	Not Occupied	-	-
9	0.5	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	III	KA1+KA6 KA1-KA6
	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	III	
10	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	III	-
11 - 14	-	-	-	Not Occupied	-	-
15	0.5	YE/BU	5797	Rear Closure Handle Switch Open Signal	III	-
16	0.35	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	III	-
17 - 21	-	-	-	Not Occupied	-	-
22	0.35	GY	5054	Sport Mode Switch Signal	III	-
23	-	-	-	Not Occupied	-	-
24	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
25	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
26	-	-	-	Not Occupied	-	-
27	0.5	BN/WH	1637	Left Rear Heated Seat Switch Signal	III	KA6

K9 BODY CONTROL MODULE X7



Connector Part Information

- Harness Type: Body
- OEM Connector: 2098067-6
- Service Connector: 13576036
- Description: 26-Way F 0.64, 2.8 Series (GY)

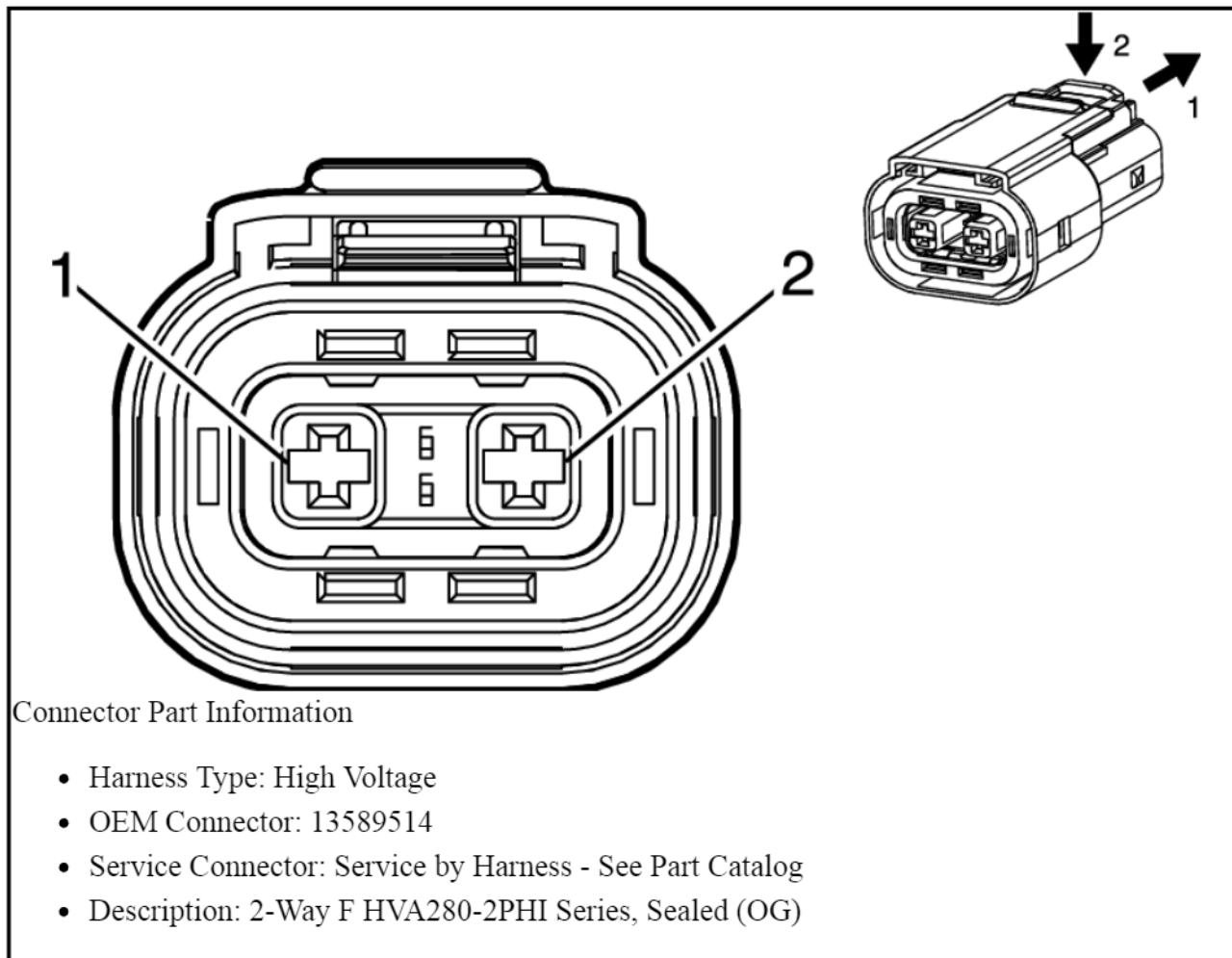
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575577	J-35616-35 (VT)	J-38125-553	8100-4443	Sumitomo 22	E	A
II	13582297	J-35616-64B (LT BU)	J-38125-22	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	157	Interior Lamp Control	I	-
2	0.5	WH/BN	6815	Inadvertent Power Control	I	-
3	0.5	GN/WH	24	Backup Lamp Control	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.5	GN/GY	737	Rear Compartment Lid Lamp Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.35	YE	6817	LED Backlight Dimming Control	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	BN/GN	1634	Right Rear Heated Seat Switch Signal	II	KA6
12 - 13	-	-	-	Not Occupied	-	-
14	0.35	YE/VT	244	Passenger Door Lock Switch Lock Control	II	-
15	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.35	VT/BU	3263	Logistic Mode Relay Open Control	II	-
17 - 18	-	-	-	Not Occupied	-	-
19	0.5	GY	156	Courtesy Lamp Switch Signal	II	-
20 - 23	-	-	-	Not Occupied	-	-
24	0.5	GY/GN	328	Interior Lamp Defeat Switch Signal	II	-
25 - 26	-	-	-	Not Occupied	-	-

K10 COOLANT HEATER CONTROL MODULE X1

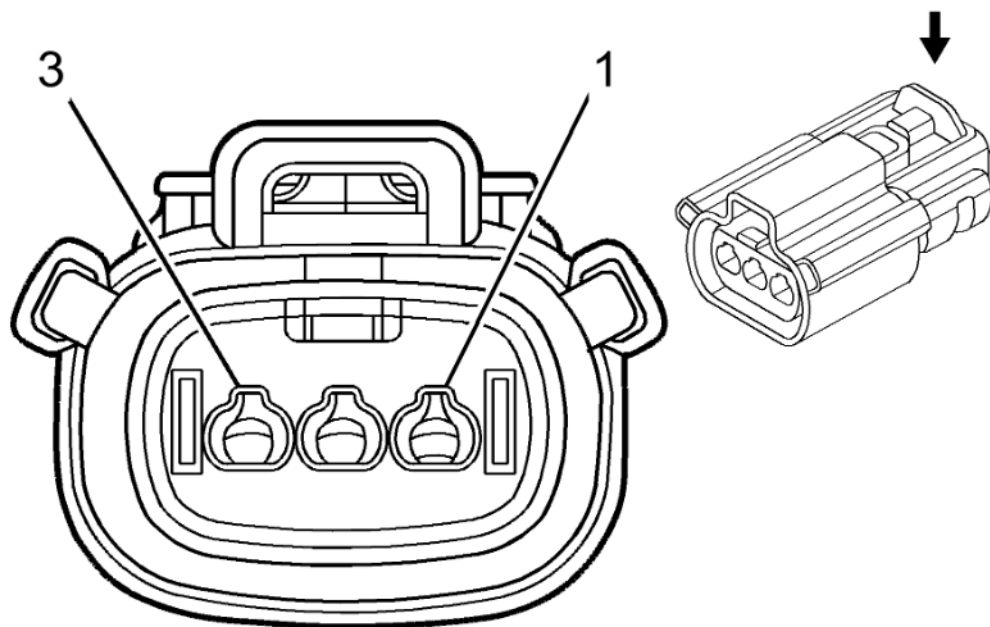


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	3970	High Voltage Battery 4 (+)	I	-
2	-	OG/BK	3969	High Voltage Battery 4 (-)	I	-

K10 COOLANT HEATER CONTROL MODULE X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 33471-0306
- Service Connector: 19301648
- Description: 3-Way F 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
2	0.5	RD/WH	2740	Battery Positive Voltage	I	-
3	0.5	BK	750	Ground	I	-

2017 ELECTRICAL**Wiring Systems and Power Management - Component Locator - Component Connector
End Views - Bolt EV****COMPONENT CONNECTOR END VIEWS****K16 BATTERY ENERGY CONTROL MODULE X1****Connector Part Information**

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD/VT	1640	Battery Positive Voltage	I	-
2	-	GN	5391	Battery Voltage Signal 1	I	-
3	-	YE	5395	Battery Voltage Signal 3	I	-
4	-	OG	5397	Battery Voltage Signal 5	I	-
5	-	WH	5398	Battery Voltage Signal 6	I	-
6	-	BN	5400	Battery Voltage Signal 8	I	-
7	-	BU	5392	Battery Voltage Signal 10	I	-
8	-	L-GN/	5593	Module Temperature Low Reference 2	I	-
9	-	GN	5572	Battery Voltage Signal 13	I	-
10	-	VT/GN	1339	Run/Crank Ignition 1 Voltage	I	-
	-	YE	5574	Battery Voltage Signal 15	I	-
11	-	PK	5403	Battery Pack Monitor Low Reference	I	-
12	-	L-BU/	5394	Battery Voltage Signal 2	I	-
	-	BK	750	Ground	I	-
13	-	VT	5396	Battery Voltage Signal 4	I	-
14	-	OG	5397	Battery Voltage Signal 5	I	-
15	-	GY	5399	Battery Voltage Signal 7	I	-
16	-	OG/RD	5401	Battery Voltage Signal 9	I	-
17	-	GN/WH	5403	Battery Pack Monitor Low Reference	I	-
18	-	PK	5571	Battery Voltage Signal 12	I	-
19	-	L-BU/	5573	Battery Voltage Signal 14	I	-
20	-	VT	5575	Battery Voltage Signal 16	I	-

K16 BATTERY ENERGY CONTROL MODULE X2

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	5575	Battery Voltage Signal 16	I	-
2	-	WH	5577	Battery Voltage Signal 18	I	-
3	-	BN	5579	Battery Voltage Signal 20	I	-
4	-	BU	5580	Battery Voltage Signal 21	I	-
5	-	L-GN/	5582	Battery Voltage Signal 23	I	-
6	-	GN	5584	Battery Voltage Signal 25	I	-
7	-	YE	5586	Battery Voltage Signal 27	I	-
8	-	OG	5588	Battery Voltage Signal 29	I	-
9	-	GY	5403	Battery Pack Monitor Low Reference	I	-
10	-	OG/RD	5591	Battery Voltage Signal 32	I	-
11	-	OG	5576	Battery Voltage Signal 17	I	-
12	-	GY	5578	Battery Voltage Signal 19	I	-
13	-	OG/RD	5403	Battery Pack Monitor Low Reference	I	-
14	-	GN/WH	5581	Battery Voltage Signal 22	I	-
15	-	PK	5583	Battery Voltage Signal 24	I	-
16	-	L-BU/	5585	Battery Voltage Signal 26	I	-
17	-	VT	5587	Battery Voltage Signal 28	I	-
18	-	WH	5589	Battery Voltage Signal 30	I	-
19	-	BN	5590	Battery Voltage Signal 31	I	-
20	-	BU	5592	Battery Voltage Signal 33	I	-

K16 BATTERY ENERGY CONTROL MODULE X3

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU	5592	Battery Voltage Signal 33	I	-
2	-	BU/GN	4516	Battery Cell Voltage Signal 35	I	-
3	-	GN	4518	Battery Cell Voltage Signal 37	I	-
4	-	YE	4520	Battery Cell Voltage Signal 39	I	-
5	-	OG	5403	Battery Pack Monitor Low Reference	I	-
6	-	GY	4523	Battery Cell Voltage Signal 42	I	-
7	-	OG/RD	4525	Battery Cell Voltage Signal 44	I	-
8	-	OG/RD	4525	Battery Cell Voltage Signal 44	I	-
9	-	BU	4526	Battery Cell Voltage Signal 45	I	-
10	-	L-BU/	4528	Battery Cell Voltage Signal 47	I	-
11	-	GN/WH	4514	Battery Cell Voltage Signal 34	I	-
12	-	PK	4517	Battery Cell Voltage Signal 36	I	-
13	-	L-BU/	4519	Battery Cell Voltage Signal 38	I	-
14	-	VT	4521	Battery Cell Voltage Signal 40	I	-
15	-	WH	4522	Battery Cell Voltage Signal 41	I	-
16	-	BN	4524	Battery Cell Voltage Signal 43	I	-
17	-	OG/RD	4525	Battery Cell Voltage Signal 44	I	-
18	-	OG/RD	4525	Battery Cell Voltage Signal 44	I	-
19	-	GN/WH	4527	Battery Cell Voltage Signal 46	I	-
20	-	PK	4529	Battery Cell Voltage Signal 48	I	-

K16 BATTERY ENERGY CONTROL MODULE X4

Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 5-Way	cardiagn.com
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	5403	Battery Pack Monitor Low Reference	I	-
2	-	YE	4530	Battery Cell Voltage Signal 49	I	-
3	-	OG	4532	Battery Cell Voltage Signal 51	I	-
4	-	WH	4533	Battery Cell Voltage Signal 52	I	-
5	-	GN/WH	4537	Battery Cell Voltage Signal 55	I	-
6	-	BU	4541	Battery Cell Voltage Signal 57	I	-
7	-	GN/WH	4543	Battery Cell Voltage Signal 58	I	-
8	-	PK	4544	Battery Cell Voltage Signal 59	I	-
9	-	L-BU/	4546	Battery Cell Voltage Signal 61	I	-
10	-	VT	4548	Battery Cell Voltage Signal 63	I	-
11	-	L-BU/	4529	Battery Cell Voltage Signal 48	I	-
12	-	VT	4531	Battery Cell Voltage Signal 50	I	-
13	-	WH	4533	Battery Cell Voltage Signal 52	I	-
14	-	GY	4535	Battery Cell Voltage Signal 53	I	-
15	-	OG/RD	4538	Battery Cell Voltage Signal 56	I	-
16	-	GN/WH	4543	Battery Cell Voltage Signal 58	I	-
17	-	L-GN/	5403	Battery Pack Monitor Low Reference	I	-
18	-	GN	4545	Battery Cell Voltage Signal 60	I	-
19	-	YE	4547	Battery Cell Voltage Signal 62	I	-
20	-	OG	4549	Battery Cell Voltage Signal 64	I	-

K16 BATTERY ENERGY CONTROL MODULE X5

Connector Part Information Harness Type: Hybrid/EV Battery	-	cardiagn.com
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- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	4549	Battery Cell Voltage Signal 64	I	-
2	-	GY	4554	Battery Cell Voltage Signal 66	I	-
3	-	OG	4555	Battery Cell Voltage Signal 67	I	-
4	-	GN/WH	4557	Battery Cell Voltage Signal 69	I	-
5	-	PK	4560	Battery Cell Voltage Signal 71	I	-
6	-	L-BU/	4562	Battery Cell Voltage Signal 73	I	-
7	-	VT	4564	Battery Cell Voltage Signal 75	I	-
8	-	OG	4565	Battery Cell Voltage Signal 76	I	-
9	-	GY	4566	Battery Cell Voltage Signal 77	I	-
10	-	OG	4568	Battery Cell Voltage Signal 79	I	-
11	-	WH	4553	Battery Cell Voltage Signal 65	I	-
12	-	BN	5403	Battery Pack Monitor Low Reference	I	-
13	-	BU	4556	Battery Cell Voltage Signal 68	I	-
14	-	L-GN/	4558	Battery Cell Voltage Signal 70	I	-
15	-	GN	4561	Battery Cell Voltage Signal 72	I	-
16	-	YE	4563	Battery Cell Voltage Signal 74	I	-
17	-	OG	4565	Battery Cell Voltage Signal 76	I	-
18	-	WH	5403	Battery Pack Monitor Low Reference	I	-
19	-	BN	4567	Battery Cell Voltage Signal 78	I	-
20	-	BU	4569	Battery Cell Voltage Signal 80	I	-

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU	4569	Battery Cell Voltage Signal 80	I	-
2	-	L-GN/	4571	Battery Cell Voltage Signal 82	I	-
3	-	GN	4573	Battery Cell Voltage Signal 84	I	-
4	-	YE	4575	Battery Cell Voltage Signal 86	I	-
5	-	OG	4576	Battery Cell Voltage Signal 87	I	-
6	-	GY	2389	Battery Cell Voltage Signal 89	I	-
7	-	OG	2391	Battery Cell Voltage Signal 91	I	-
8	-	GN/WH	2393	Battery Cell Voltage Signal 93	I	-
9	-	L-GN/	2394	Battery Cell Voltage Signal 94	I	-
10	-	PK	2396	Battery Cell Voltage Signal 96	I	-
11	-	GN/WH	4570	Battery Cell Voltage Signal 81	I	-
12	-	PK	4572	Battery Cell Voltage Signal 83	I	-
13	-	L-BU/	4574	Battery Cell Voltage Signal 85	I	-
14	-	VT	5403	Battery Pack Monitor Low Reference	I	-
15	-	WH	4577	Battery Cell Voltage Signal 88	I	-
16	-	BN	2390	Battery Cell Voltage Signal 90	I	-
17	-	BU	2392	Battery Cell Voltage Signal 92	I	-
18	-	GN/WH	2393	Battery Cell Voltage Signal 93	I	-
19	-	L-BU/	2395	Battery Cell Voltage Signal 95	I	-

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	5404	Charge Port Paddle Temperature Sensor Low Reference	I	-
2	-	VT	5406	Battery Module Temperature Signal 2	I	-
3	-	VT	5407	Battery Module Temperature Signal 3	I	-
4	-	VT	5408	Battery Module Temperature Signal 4	I	-
5	-	VT	5409	Battery Module Temperature Signal 5	I	-
6	-	VT	5410	Battery Module Temperature Signal 6	I	-
7	-	YE	5411	Battery Module Temperature Signal 7	I	-
9	-	RD	2965	High Voltage Battery Current Sensor Voltage Reference	I	-
10	-	BU	2962	High Voltage Battery Current Sensor Course Signal	I	-
11	-	BK/WH	3373	Auxiliary Video High Signal 2	I	-
12	-	BK/WH	3774	Battery Module Temperature Sensor Low Reference 2	I	-
13	-	BK/WH	3775	Battery Module Temperature Sensor Low Reference 3	I	-
14	-	BK/WH	3778	Battery Module Temperature Sensor Low Reference 6	I	-
15	-	BK/WH	3777	Battery Module Temperature Sensor Low Reference 5	I	-
16	-	BK/WH	3778	Battery Module Temperature Sensor Low Reference 6	I	-
17	-	BK	3779	Battery Module Temperature Sensor Low Reference 7	I	-
19	-	BK	2963	High Voltage Battery Current Sensor Low Reference	I	-
20	-	GN	2961	High Voltage Battery Current Sensor Fine Signal	I	-

K16 BATTERY ENERGY CONTROL MODULE X8**Connector Part Information**

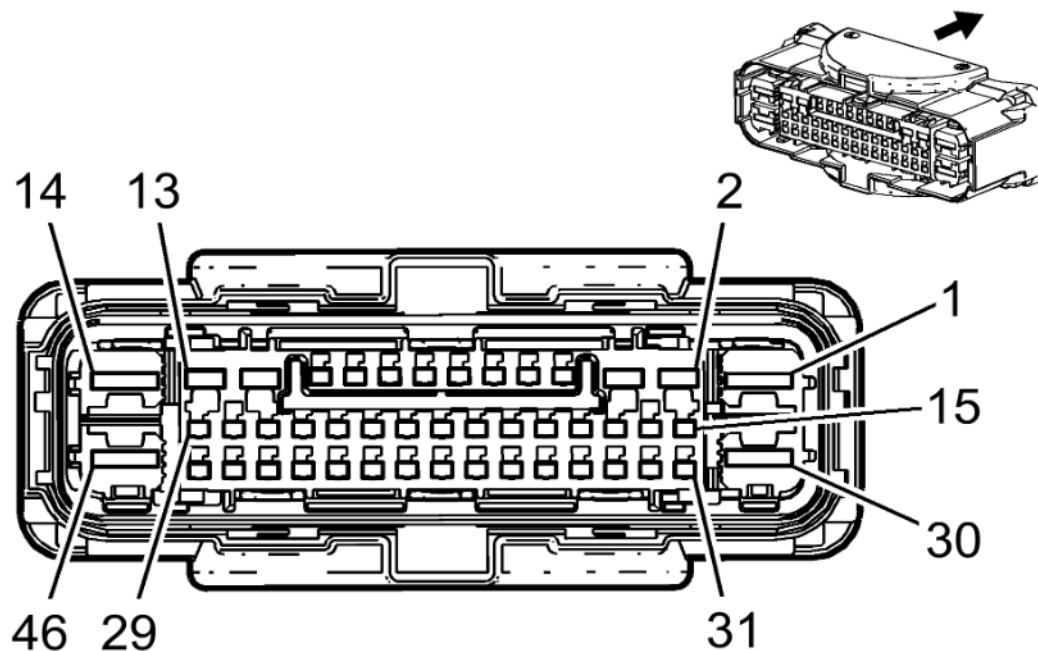
- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD/VT	1640	Battery Positive Voltage	I	-
3	-	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
4	-	WH	3832	High Speed GMLAN Serial Data (-) 6	I	-
5	-	BU/GN	3831	High Speed GMLAN Serial Data (+) 6	I	-
6	-	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	-	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	-	BU/GY	5139	High Voltage Fault Signal	I	-
9	-	RD/GY	1339	Run/Crank Ignition 1 Voltage	I	-
10	-	BU/BN	3787	High Voltage Energy Management Communication Control	I	-
	-	YE/BN	3787	High Voltage Energy Management Communication Control	I	-
11	-	BK	750	Ground	I	-
14	-	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	-	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-

K17 ELECTRONIC BRAKE CONTROL MODULE



Connector Part Information

- Harness Type: Body
- OEM Connector: 1928405782
- Service Connector: 19333357
- Description: 46-Way F 1.5, 2.8, 5.8 Series, Sealed (BK)

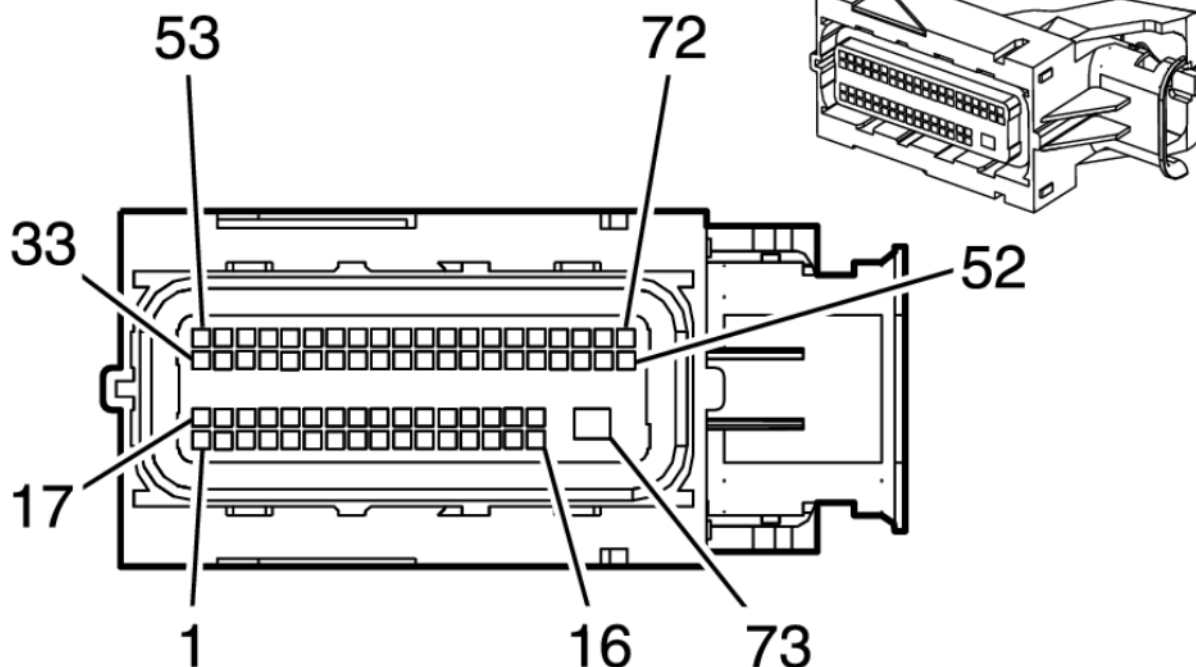
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19330700	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	19333305	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available
III	19333312	J-35616-4A (PU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	4	RD/BN	3142	Battery Positive Voltage	II	-
2	2.5	GN/VT	1988	Park Brake Motor Apply Right Rear Control	I	-
3	2.5	GY	4368	Park Brake Motor Low Reference Right Rear	I	-
4	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
6	-	-	-	Not Occupied	-	-
7	0.5	GY	830	Wheel Speed Sensor Signal Left Front	III	-
8	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	III	-
9	0.35	BU/VT	1134	Park Brake Switch Signal	III	-
10	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
12	2.5	GY/BK	4369	Park Brake Motor Low Reference Left Rear	I	-
13	2.5	WH	2001	Park Brake Motor Apply Left Rear Control	I	-
14	4	BK	1650	Ground	II	-
15	0.35	BU/BK	6108	Park Brake Release Switch Signal	III	-
16	0.35	YE	1492	Park Brake Switch Supply Voltage	III	-
17	-	-	-	Not Occupied	-	-
18	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
19	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
20	-	-	-	Not Occupied	-	-
21	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	III	-
22	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	III	-
23	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	III	-
24	0.5	GY/WH	7064	Wheel Speed Sensor Control Left Front	III	-
25	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
26	0.5	YE	872	Wheel Speed Sensor Signal Right Front	III	-
27 - 29	-	-	-	Not Occupied	-	-
30	2.5	RD/BU	3242	Battery Positive Voltage	II	-
31	0.35	BN	6107	Park Brake Apply Switch Signal	III	-
32	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	III	-
33 - 35	-	-	-	Not Occupied	-	-
36	0.5	WH/BU	5986	Serial Data Communication Enable	III	-
37	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	III	-
38	-	-	-	Not Occupied	-	-
39	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	III	-
40 - 41	-	-	-	Not Occupied	-	-
42	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	III	-
43 - 45	-	-	-	Not Occupied	-	-
46	2.5	BK	1650	Ground	II	-

K20 ENGINE CONTROL MODULE X1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 34566-7593
- Service Connector: 13574947
- Description: 73-Way F 0.64, 2.8 Series, Sealed (BK with BK Terminal Position Assurance)

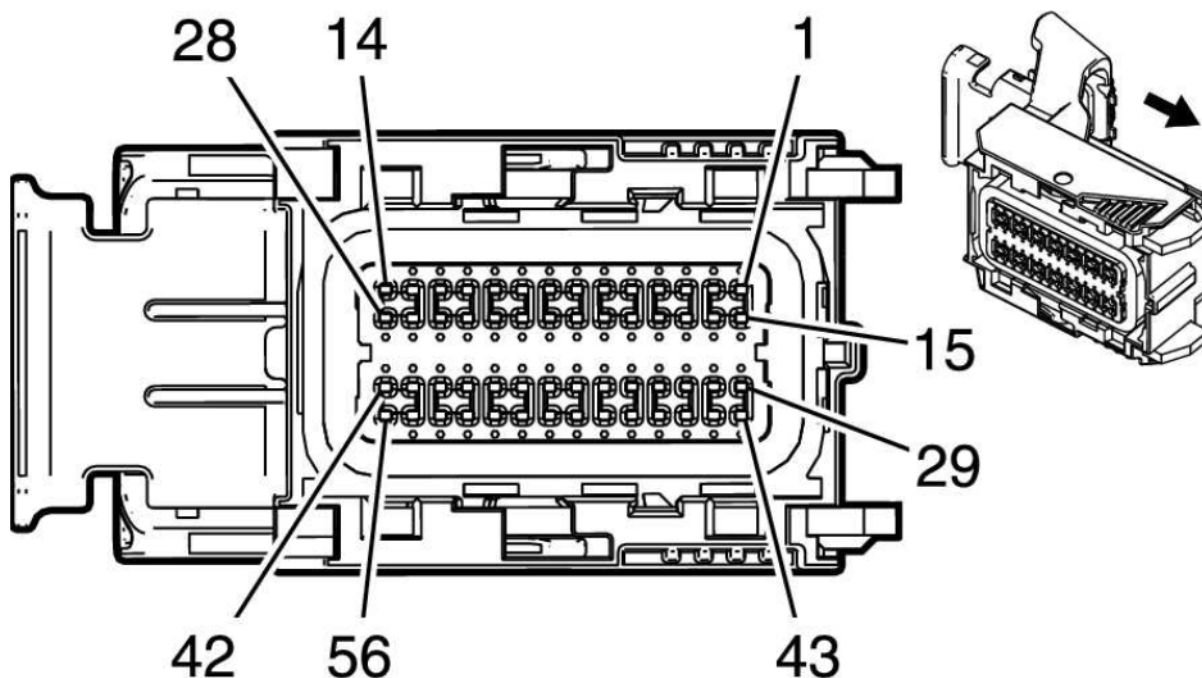
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available
II	13576392	J-35616-4A (PU)	J-38125-11A	7116-4152-02	Yazaki 9	2	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 8	-	-	-	Not Occupied	-	-
9	0.5	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-
10	0.5	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	-
11	0.5	VT/GY	139	Run/Crank Ignition 1 Voltage	I	-
12	0.5	BN/WH	419	Check Engine Indicator Control	I	-
13 - 14	-	-	-	Not Occupied	-	-
15	0.5	RD/WH	140	Battery Positive Voltage	I	-
16	0.5	VT/BU	5292	Powertrain Main Relay Fused Supply 3	I	-
17 - 19	-	-	-	Not Occupied	-	-
20	0.5	WH/BU	6311	Cruise/ETC/TCC Brake Signal	I	-
21 - 24	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
25	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	I	-
26 - 28	-	-	-	Not Occupied	-	-
29	0.5	YE	5991	Powertrain Relay Coil Control	I	-
30 - 31	-	-	-	Not Occupied	-	-
32	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
33 - 36	-	-	-	Not Occupied	-	-
37	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
38 - 39	-	-	-	Not Occupied	-	-
40	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-
41 - 50	-	-	-	Not Occupied	-	-
51	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
52	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-
53 - 54	-	-	-	Not Occupied	-	-
55	0.5	BU/VT	2364	Cooling Fan Speed Signal	I	-
56	-	-	-	Not Occupied	-	-
57	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
58	-	-	-	Not Occupied	-	-
59	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
60	-	-	-	Not Occupied	-	-
61	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
62	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
63 - 71	-	-	-	Not Occupied	-	-
72	0.5	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
73	2	BK	150	Ground	II	-

K20 ENGINE CONTROL MODULE X2



Connector Part Information

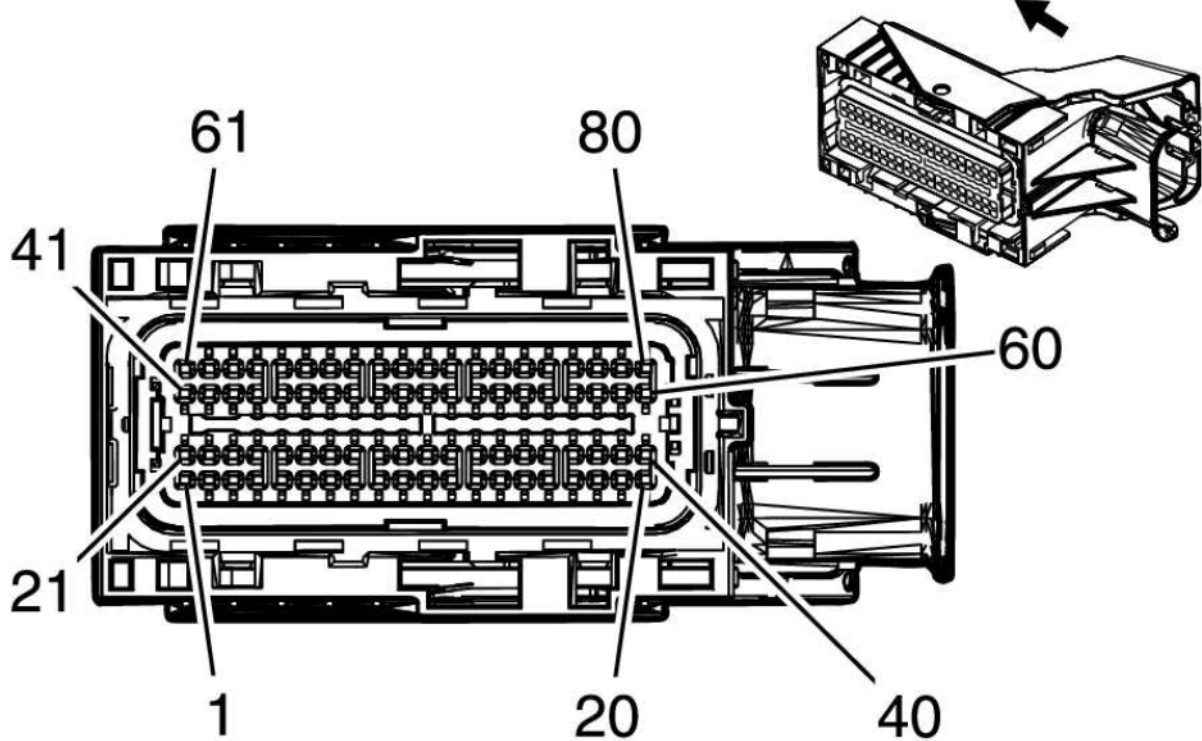
- Harness Type: Engine
- OEM Connector: 34576-1903
- Service Connector: 13395411
- Description: 56-Way F 0.64 Series, Sealed (BU with BU Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 6	-	-	-	Not Occupied	-	-
7	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
8 - 19	-	-	-	Not Occupied	-	-
20	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
21 - 23	-	-	-	Not Occupied	-	-
24	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-
25 - 35	-	-	-	Not Occupied	-	-
36	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-
37	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
38 - 56	-	-	-	Not Occupied	-	-

K20 ENGINE CONTROL MODULE X3



Connector Part Information

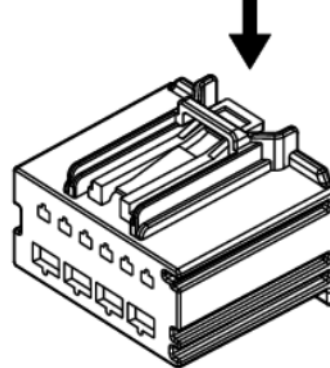
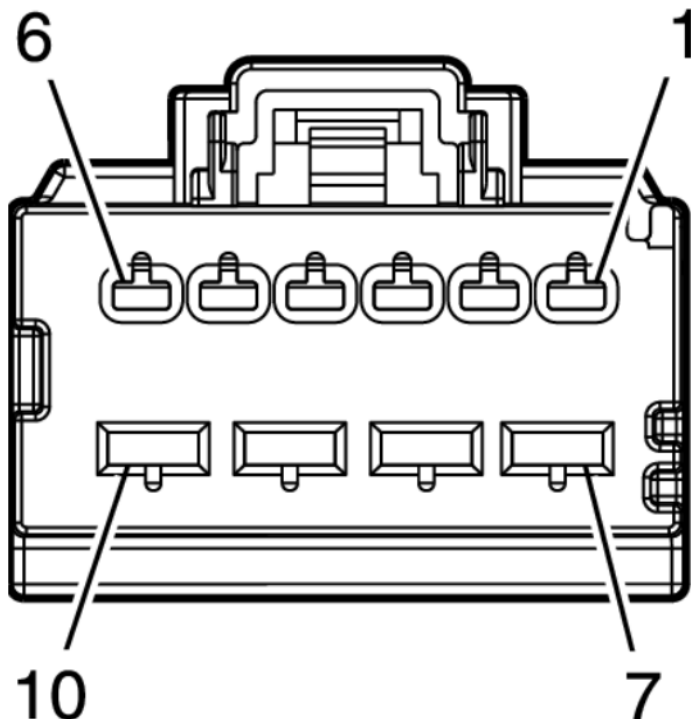
- Harness Type: Engine
- OEM Connector: 34566-2003
- Service Connector: 13579724
- Description: 80-Way F 0.64 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575812	J-35616-64B (LT BU)	J-38125-213	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 48	-	-	-	Not Occupied	-	-
49	0.5	BN	25	Charge Indicator Control	I	-
50 - 70	-	-	-	Not Occupied	-	-
71	0.5	GY	23	Generator Field Duty Cycle Signal	I	-
72 - 80	-	-	-	Not Occupied	-	-

K29F SEAT HEATING CONTROL MODULE - FRONT X1 (KA1)



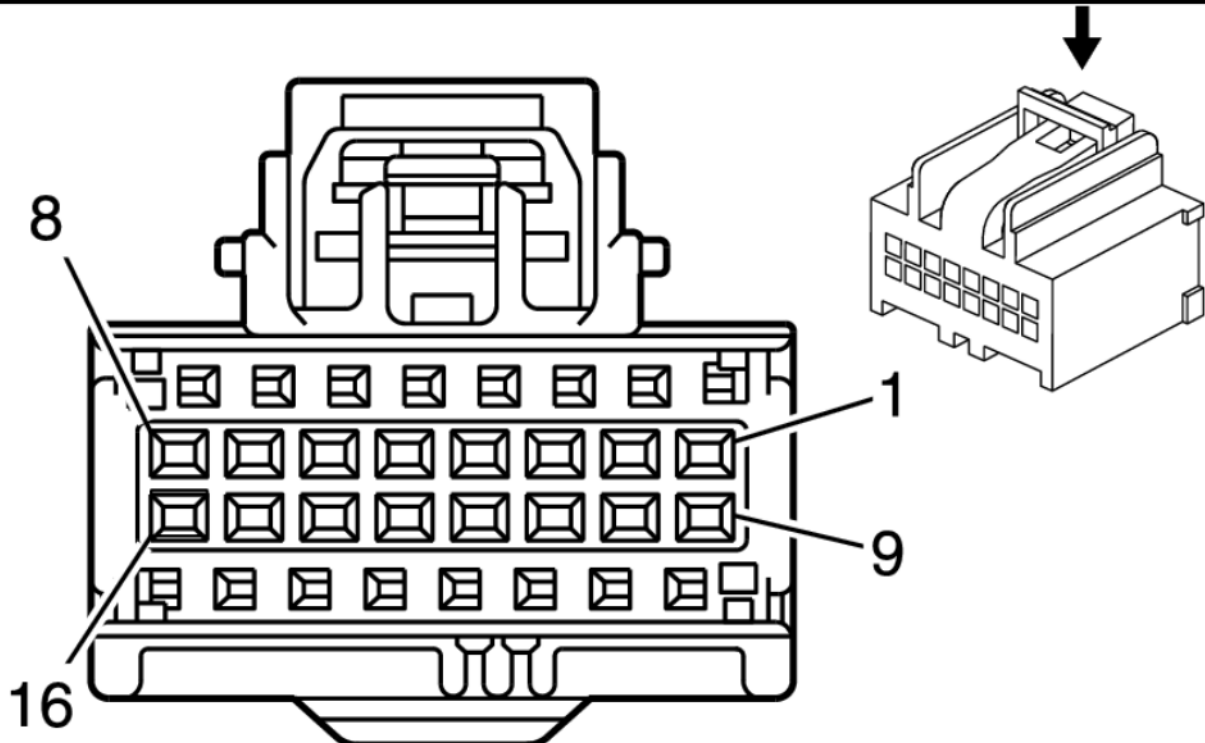
Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 31372-1000
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 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-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.75	BN/BU	2479	Passenger Heated Seat Element Control	I	-
3	0.75	GY/BK	2480	Passenger Heated Seat Element Low Reference	I	-
4	0.75	VT/BK	2424	Driver Heated Back Element Low Reference	I	-
5	-	-	-	Not Occupied	-	-
6	0.75	BN/VT	2077	Driver Heated Seat Element Control	I	-
7	1.5	RD/BU	540	Battery Positive Voltage	II	-
8	2	BK	850	Ground	II	-
9	-	-	-	Not Occupied	-	-
10	2	RD/BU	540	Battery Positive Voltage	II	-



Connector Part Information

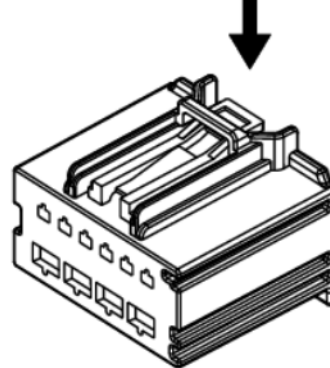
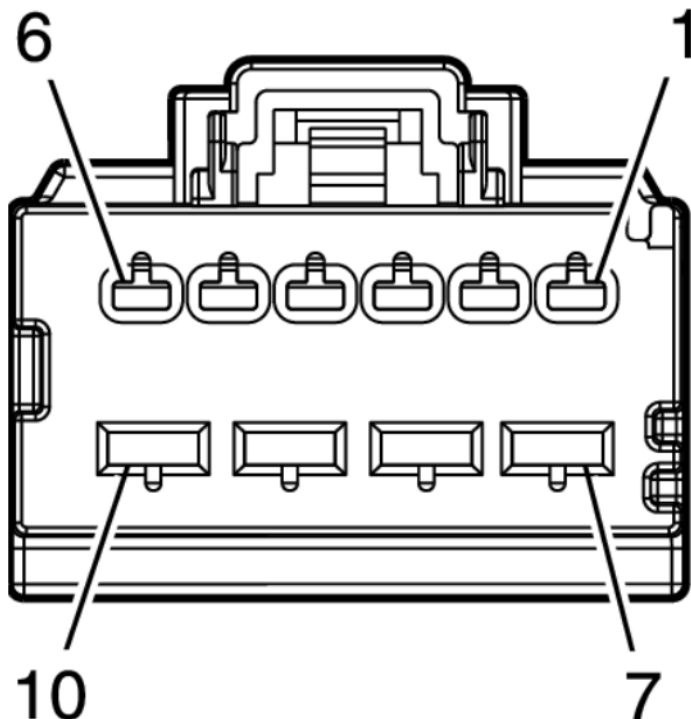
- Harness Type: Passenger Seat
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/YE	2080	Driver Heated Seat NTC Low Reference	I	-
2	0.5	BK/GY	2435	Passenger Heated Seat NTC Low Reference	I	-
3	0.5	BU	2425	Driver Heated Back NTC Signal	I	-
4	0.5	WH/BU	2436	Passenger Heated Back NTC Signal	I	-
5	0.5	WH/GY	2434	Passenger Heated Seat NTC Signal	I	-
6	0.5	YE/GY	2079	Driver Heated Seat NTC Signal	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9 - 16	-	-	-	Not Occupied	-	-

K29R SEAT HEATING CONTROL MODULE - REAR X1 (KA6)



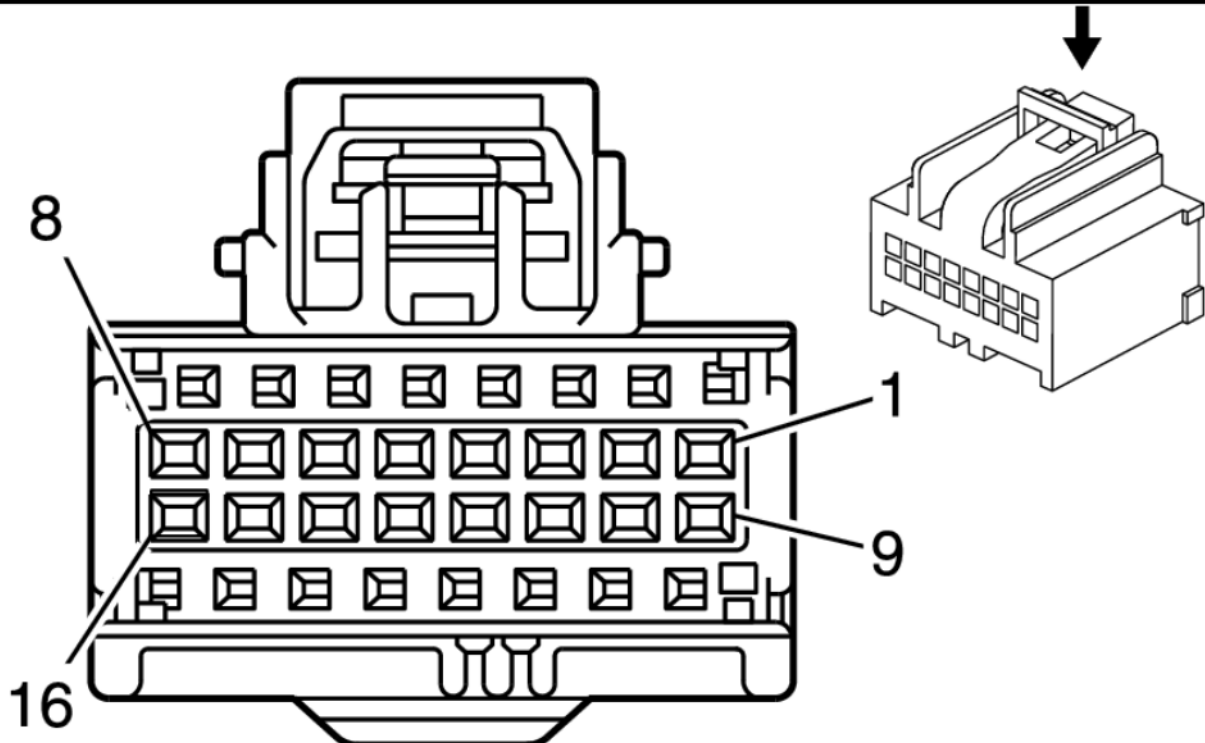
Connector Part Information

- Harness Type: Rear Seat Harness
- OEM Connector: 13582823
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	GN/BN	2296	Right Rear Heated Seat Cushion Element Control	I	-
3	-	GN/BK	2297	Right Rear Heated Seat Cushion Element Low Reference	I	-
4	-	BN/BK	2295	Left Rear Heated Seat Cushion Element Low Reference	I	-
5	-	-	-	Not Occupied	-	-
6	-	GY	2294	Left Rear Heated Seat Cushion Element Control	I	-
7	-	RD/BU	540	Battery Positive Voltage	I	-
8	-	BK	2250	Ground	I	-
9	-	-	-	Not Occupied	-	-
10	-	RD/BU	540	Battery Positive Voltage	I	-



Connector Part Information

- Harness Type: Rear Seat Harness
- OEM Connector: 15136073
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 0.64 Kaizen 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT/RD	7662	Left Rear Heated Seat NTC Low Reference	I	-
2	-	WH/BK	7054	Right Rear Cushion NTC Low Reference	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	-	YE/WH	7053	Right Rear Cushion NTC Signal	I	-
6	-	GY	7663	Left Rear Heated Seat NTC Signal	I	-
7	-	BK	2250	Ground	I	-
8	-	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
9 - 16	-	-	-	Not Occupied	-	-

K32 STEERING WHEEL HEATING CONTROL MODULE

Connector Part Information

- Harness Type: Steering Wheel Harness
- OEM Connector: 31068-1040

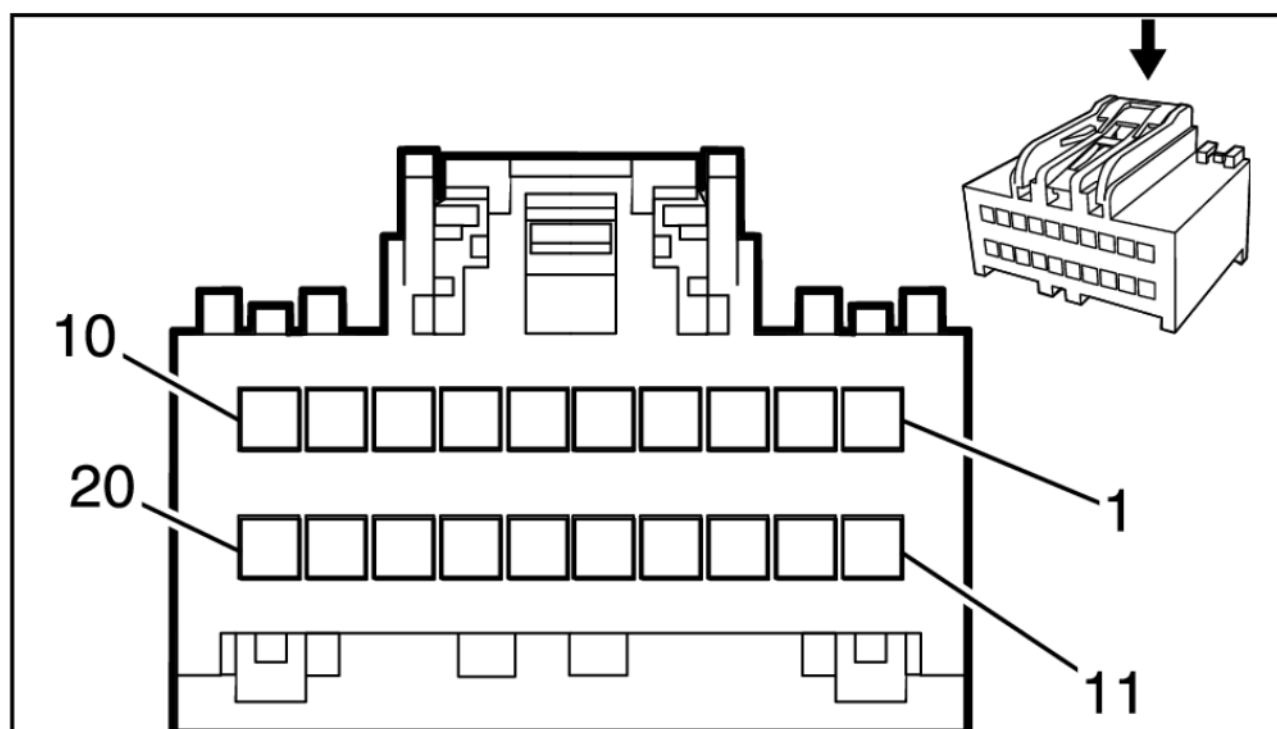
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/GN	5883	Heated Steering Wheel Switch Signal	I	-
2	-	BN/WH	5884	Heated Steering Wheel Switch LED Control	I	-
3	-	VT/GN	2239	Run/Crank Ignition 1 Voltage	I	-
5	-	BK	1650	Ground	I	-

K33 HVAC CONTROL MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 31410-1203
- Service Connector: 13576644
- Description: 20-Way F 0.64 Series (GN)

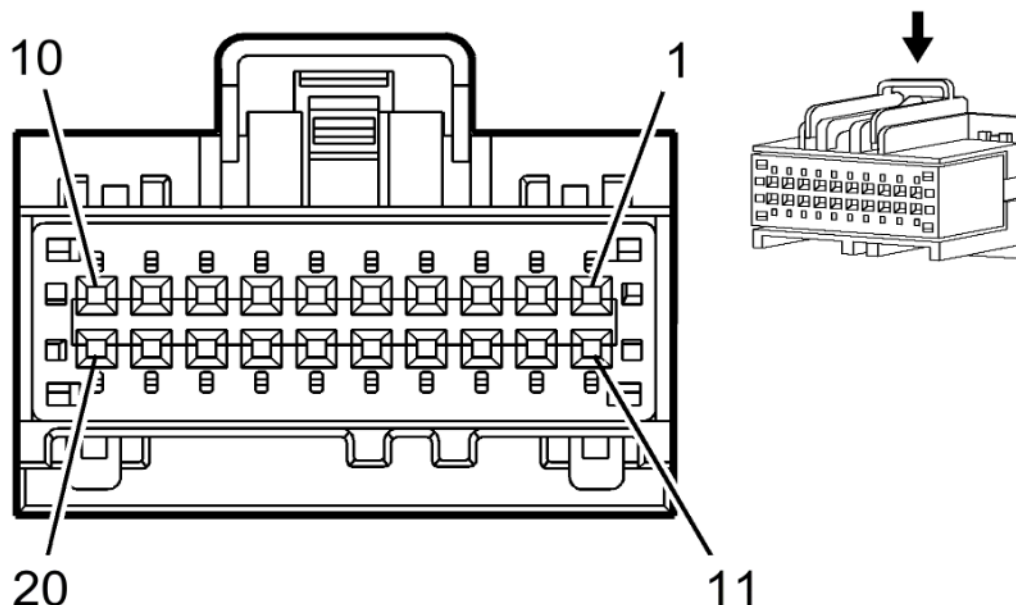
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GY/GN	7565	Windscreen Temp Sensor Signal	I	-CE1
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	YE/BU	3197	Humidity Temperature Sensor Signal	I	-CE1
6	0.35	YE/RD	597	5V Reference	I	-CE1
7	0.35	BK/BU	7566	Humidity/Windscreen Temp Sensor Low Reference	I	-CE1
8 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/BU	7564	Humidity Sensor Signal	I	-CE1
13 - 17	-	-	-	Not Occupied	-	-
18	0.5	BN	518	Lower Left Air Temperature Sensor Signal	I	-
19 - 20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X2



Connector Part Information

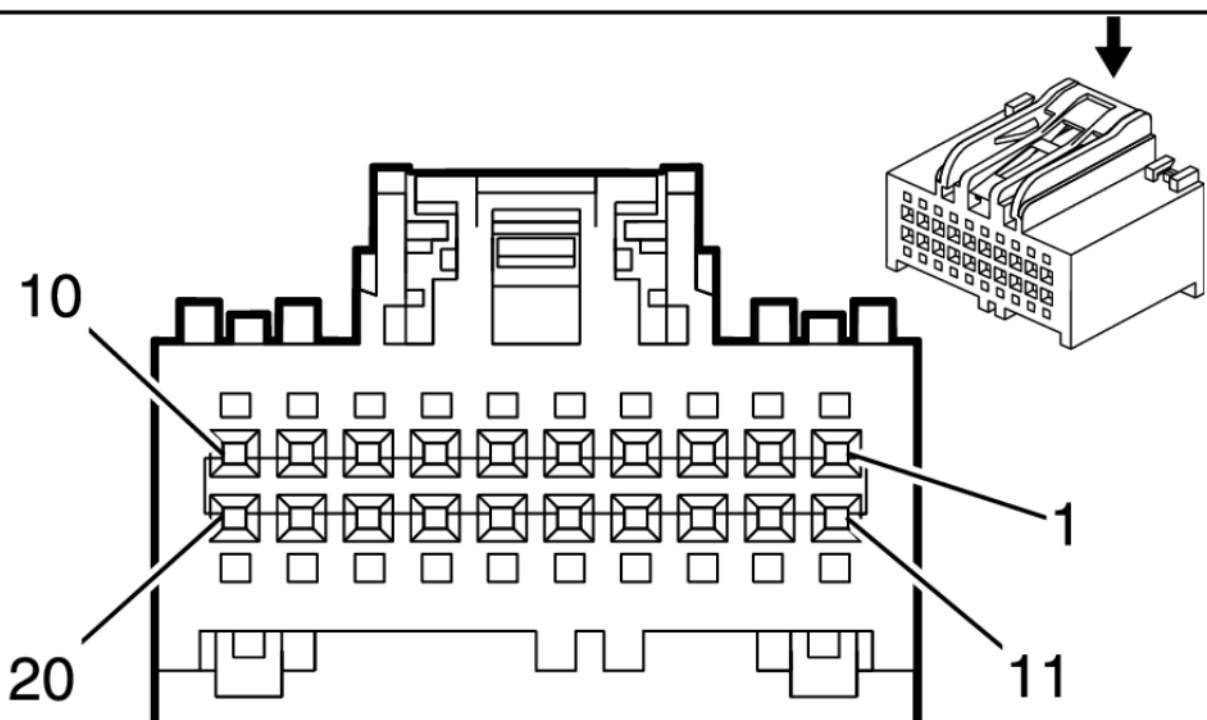
- Harness Type: Instrument Panel
- OEM Connector: 31410-1202
- Service Connector: 15126709
- Description: 20-Way F 64 Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	6640	Battery Positive Voltage	I	-
2	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	GN/BU	4119	Local Interconnect Network Serial Data Bus 19	I	-
7	-	-	-	Not Occupied	-	-
8	0.5	BK	1250	Ground	I	-
9	0.35	VT/BN	541	Run Ignition 3 Voltage	I	-
10 - 12	-	-	-	Not Occupied	-	-
13	0.5	GY	5127	After Boil Heater Relay Control	I	-
14	-	-	-	Not Occupied	-	-
15	0.35	BU/GY	754	Blower Motor Speed Control	I	-
16 - 18	-	-	-	Not Occupied	-	-
19	0.35	BN/VT	193	Rear Defog Relay Control	I	-
20	-	-	-	Not Occupied	-	-

K33 HVAC CONTROL MODULE X3



Connector Part Information

- Harness Type: HVAC Harness
- OEM Connector: 15126711
- Service Connector: Service by Harness - See Part Catalog
- Description: 20-Way F 0.64 Series (BK)

Terminal Part Information

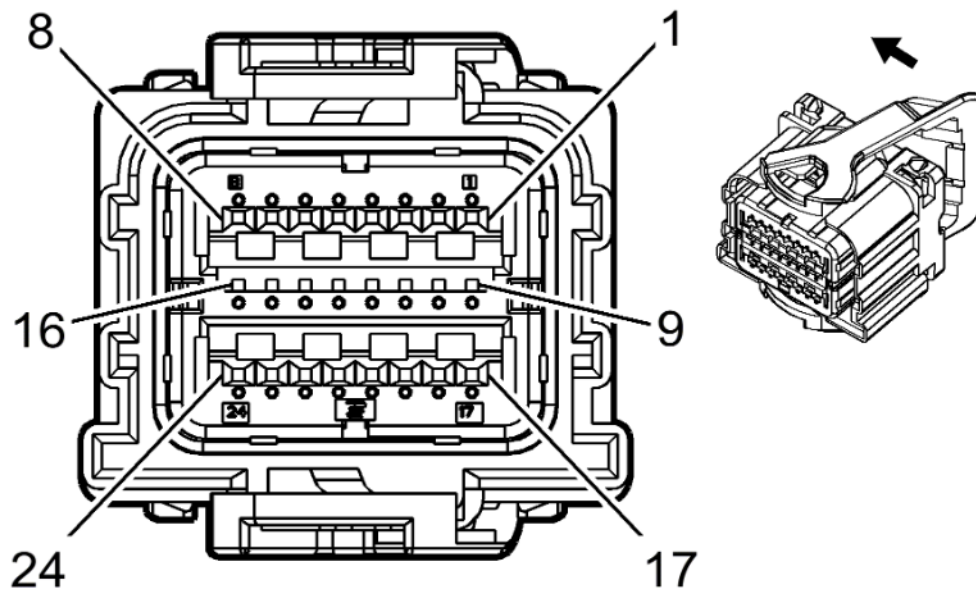
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/GN	516	Upper Left Air Temperature Sensor Signal	I	-
2	-	BU/BN	3167	Mode Door Stepper Motor Control 3	I	-
3	-	GY	3165	Mode Door Stepper Motor Control 1	I	-
4	-	BN	3168	Mode Door Stepper Motor Control 4	I	-
5	-	BN/GN	3166	Mode Door Stepper Motor Control 2	I	-
6 - 8	-	-	-	Not Occupied	-	-
9	-	BK/YE	407	Sensor Low Reference	I	-
10	-	-	-	Not Occupied	-	-
11	-	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
12	-	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
13	-	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
14	-	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-
15	-	BN/VT	7572	HVAC Motor Control	I	-
16	-	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
17	-	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
18	-	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
19	-	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-
20	-	-	-	Not Occupied	-	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X1

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 2098923-1
- Service Connector: 19299778
- Description: 24-Way F 0.64 Series, Sealed (YE)

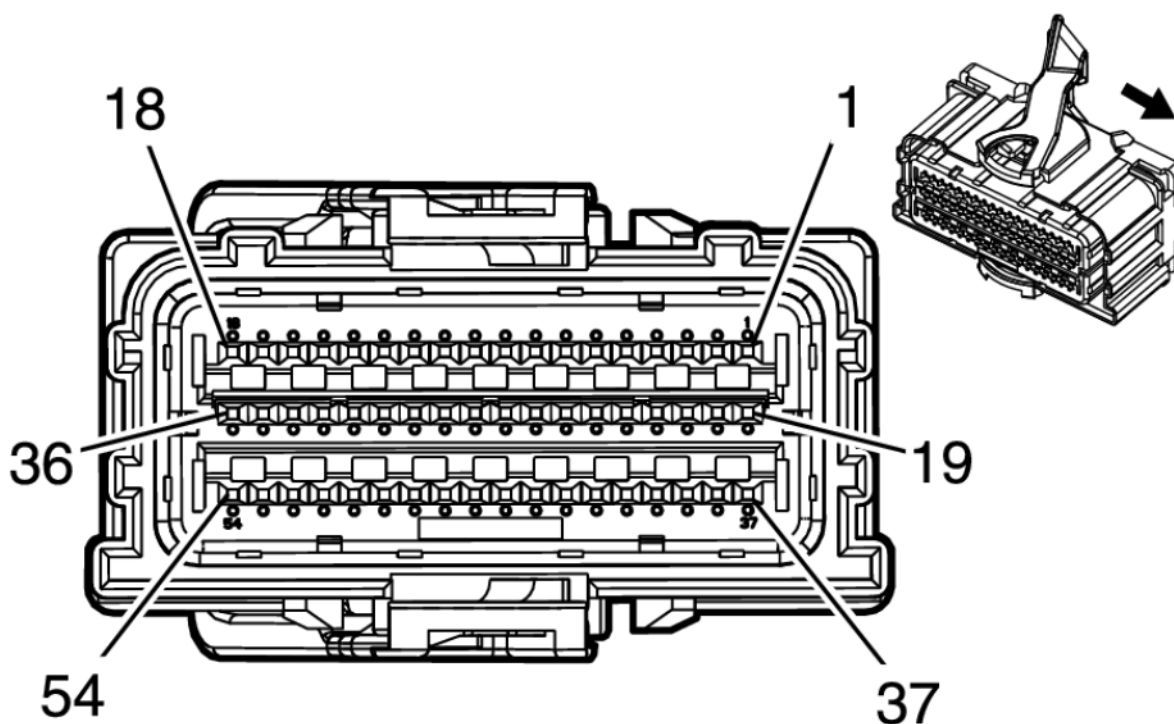
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/GN	3023	Steering Wheel Module Stage 2 High Control	I	AY0/AYF
2	0.35	WH/OG	3022	Steering Wheel Module Stage 2 Low Control	I	AY0/AYF
3	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	AY0/AYF
4	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	AY0/AYF
5	0.5	YE/OG	3025	Passenger IP Module Stage 1 High Control	I	AY0/AYF
6	0.5	OG/WH	3024	Passenger IP Module Stage 1 Low Control	I	AY0/AYF
7	0.5	OG/VT	3026	Passenger IP Module Stage 2 Low Control	I	AY0/AYF
8	0.5	GY/OG	3027	Passenger IP Module Stage 2 High Control	I	AY0/AYF
9	0.35	RD/GN	6140	Battery Positive Voltage	I	AY0/AYF
10	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	I	AY0/AYF

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BU	2307	Passenger Air Bag On Indicator Control	I	-
12	0.35	GN	2308	Passenger Air Bag Off Indicator Control	I	-
13	0.35	VT/OG	371	Passenger IP Module Disable Switch Signal	I	C99
14	0.35	BU/OG	7328	Passenger IP Module Disable Switch Low Reference	I	C99
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-
17	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
18	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	0.5	BK/WH	1751	Signal Ground	I	-
20	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
21	0.5	OG/BU	3078	Driver Knee Module High Control	I	AYF
22	0.5	GY/OG	3079	Driver Knee Module Low Control	I	AYF
23	0.5	WH/OG	3077	Passenger Knee Module Low Control	I	AYF
24	0.5	OG/BU	3076	Passenger Knee Module High Control	I	AYF

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2 (AY0/AYF)



Connector Part Information

- Harness Type: Body
- OEM Connector: 2098922-4
- Service Connector: 19301193
- Description: 54-Way F 0.64 Series, Sealed (YE)

Terminal Part Information

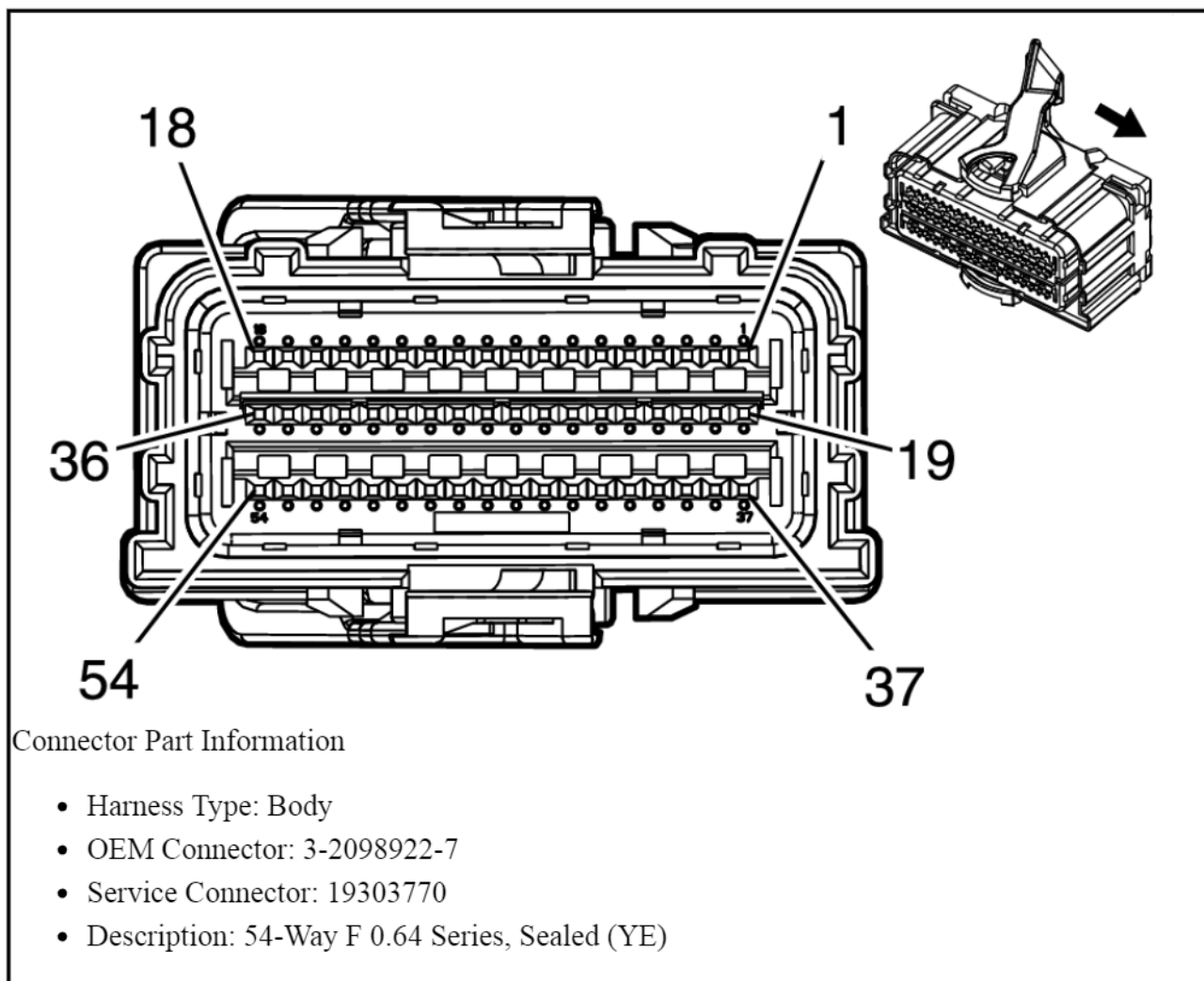
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	5155	Left Rear Seat Belt Pretensioner Control	I	SBK
2	0.5	BK/OG	5156	Left Rear Seat Belt Pretensioner Low Reference	I	SBK
3	0.5	BK/OG	5158	Right Rear Seat Belt Pretensioner Low Reference	I	SBK
4	0.5	OG/WH	5157	Right Rear Seat Belt Pretensioner Control	I	SBK
5	0.5	OG/GY	5223	Left Rear Side Impact SIR Inflator Control	I	AYF
6	0.5	BN/OG	5224	Left Rear Side Impact SIR Inflator Control	I	AYF
7	0.5	OG/GY	5226	Right Rear Side Impact SIR Inflator Control	I	AYF
8	0.5	VT/OG	5225	Right Rear Side Impact SIR Inflator Control	I	AYF
9	0.5	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
10	0.5	WH/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-
11	0.5	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-
12	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
13	0.5	OG/BU	3068	Driver Side Impact Module High Control	I	-
14	0.5	BK/OG	3069	Driver Side Impact Module Low Control	I	-
15	0.5	BU/OG	3067	Passenger Side Impact Module Low Control	I	-
16	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
17	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
18	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-
19	0.5	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	AYF
20	0.5	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	AYF
21	0.5	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	AYF
22	0.5	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	AYF

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
23	0.5 0.5	OG/YE OG/GY	354 6618	Left Front Discriminating Sensor Signal Middle Front Discriminating Sensor Signal	I I	AYF AYF+MBM
24	0.5 0.5	BK/OG BK/OG	5045 6619	Left Front Discriminating Sensor Low Reference Middle Front Discriminating Sensor Low Reference	I I	AYF AYF+MBM
25	0.5	BK/OG	5600	Right Front Discriminating Sensor Low Reference	I	AYF
26	0.5	OG/GN	1409	Right Front Discriminating Sensor Signal	I	AYF
27	0.5 0.5	OG/BU OG/BU	6620 6622	Left Middle Side Impact Sensing Module Signal Left Rear Side Impact Sensing Module Signal	I I	AYF AYF+MBM
28	0.5 0.5	BK/OG BK/OG	6621 6623	Left Middle Side Impact Sensing Module Low Reference Left Rear Side Impact Sensing Module Low Reference	I I	AYF AYF+MBM
29	0.5 0.5	BK/OG BK/OG	6625 6627	Right Middle Side Impact Sensing Module Low Reference Right Rear Side Impact Sensing Module Low Reference	I I	AYF AYF+MBM
30	0.5 0.5	OG/VT OG/WH	6624 6626	Right Middle Side Impact Sensing Module Signal Right Rear Side Impact Sensing Module Signal	I I	AYF AYF+MBM
31 - 36	-	-	-	Not Occupied	-	-
37	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
38	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-
39	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-
40	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
41	0.5	OG/BN	238	Driver Seat Belt Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
44	0.5	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
45	0.5	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
46	-	-	-	Not Occupied	-	-
47	0.5	OG/BN	7571	Passenger Seat Belt Reminder Signal	I	-
48 - 52	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
53	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
54	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

K36 INFLATABLE RESTRAINT SENSING AND DIAGNOSTIC MODULE X2 (AY0+MAW)



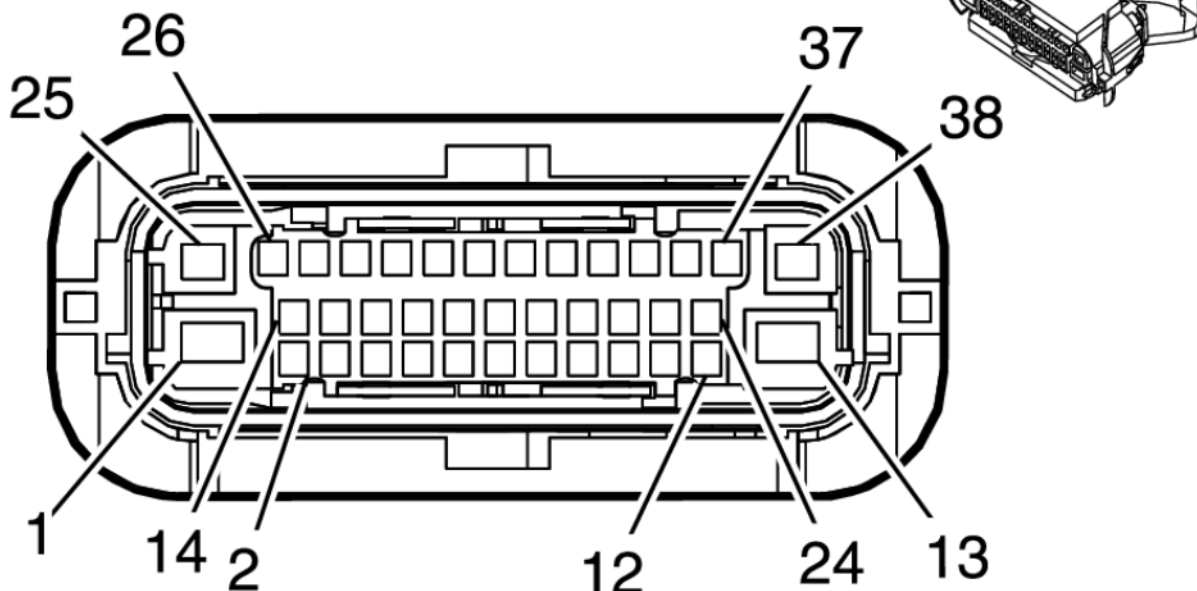
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19328872	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 8	-	-	-	Not Occupied	-	-
9	0.5	OG/YE	3481	Driver Seat Belt Anchor Pretensioner High Control	I	-
10	0.5	WH/OG	3482	Driver Seat Belt Anchor Pretensioner Low Control	I	-
11	0.5	GY/OG	3480	Passenger Seat Belt Anchor Pretensioner Low Control	I	-
12	0.5	OG/BN	3479	Passenger Seat Belt Anchor Pretensioner High Control	I	-
13	0.5	OG/BU	3068	Driver Side Impact Module High Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.5	BK/OG	3069	Driver Side Impact Module Low Control	I	-
15	0.5	BU/OG	3067	Passenger Side Impact Module Low Control	I	-
16	0.5	OG/GY	3066	Passenger Side Impact Module High Control	I	-
17	0.5	OG/GN	5019	Left Front Head Curtain Module High Control	I	-
18	0.5	VT/OG	5020	Left Front Head Curtain Module Low Control	I	-
19 - 22	-	-	-	Not Occupied	-	-
23	0.5	OG/GY	6618	Middle Front Discriminating Sensor Signal	I	-
24	0.5	BK/OG	6619	Middle Front Discriminating Sensor Low Reference	I	-
25 - 26	-	-	-	Not Occupied	-	-
27	0.5	OG/BU	6622	Left Rear Side Impact Sensing Module Signal	I	-
28	0.5	BK/OG	6623	Left Rear Side Impact Sensing Module Low Reference	I	-
29	0.5	BK/OG	6627	Right Rear Side Impact Sensing Module Low Reference	I	-
30	0.5	OG/WH	6626	Right Rear Side Impact Sensing Module Signal	I	-
31 - 36	-	-	-	Not Occupied	-	-
37	0.5	OG/WH	3477	Driver Seat Belt Retractor Pretensioner High Control	I	-
38	0.5	GY/OG	3478	Driver Seat Belt Retractor Pretensioner Low Control	I	-
39	0.5	WH/OG	3476	Passenger Seat Belt Retractor Pretensioner Low Control	I	-
40	0.5	OG/GN	3475	Passenger Seat Belt Retractor Pretensioner High Control	I	-
41	0.5	OG/BN	238	Driver Seat Belt Switch Signal	I	-
42	-	-	-	Not Occupied	-	-
43	0.5	BK/OG	1363	Driver Seat Belt Switch Low Reference	I	-
44	0.5	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-
45	0.5	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
46	-	-	-	Not Occupied	-	-
47	0.5	OG/BN	7571	Passenger Seat Belt Reminder Signal	I	-
48 - 52	-	-	-	Not Occupied	-	-
53	0.5	OG/GY	5021	Right Front Head Curtain Module High Control	I	-
54	0.5	WH/OG	5022	Right Front Head Curtain Module Low Control	I	-

K38 CHASSIS CONTROL MODULE



Connector Part Information

- Harness Type: Body
- OEM Connector: 33110415
- Service Connector: 19353395
- Description: 38-Way F 1.5 CTS, 2.8 MCP, 4.8 MCP Series, Sealed (BK)

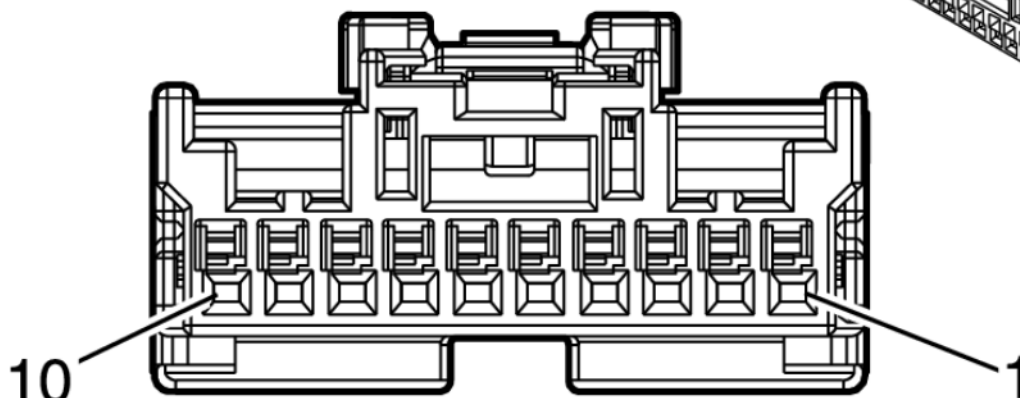
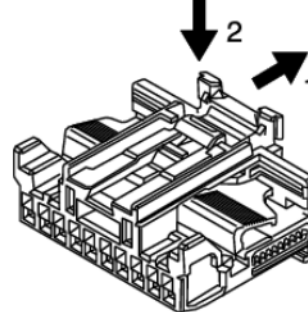
Terminal Part Information

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	19333088	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	19353349	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/RD	2635	Transmission Shifter Position Sensor 2 Voltage Reference	III	-
2	0.35	YE/BU	2633	Transmission Shifter Position Sensor 2 Alpha Signal	I	-
3	0.35	BK/BU	2647	Transmission Shifter Position Sensor 1 Low Reference	I	-
4	0.35	BK/VT	2632	Transmission Shifter Park Position Switch 2 Return	I	-
5	0.35	BK/GN	2636	Transmission Shifter Position Sensor 2 Low Reference	I	-
6	0.35	BK/BN	2649	Transmission Shift Interlock Switch 1 Return	I	-
7	0.35	BK/GY	2630	Transmission Shifter Park Position Switch 1 Return	I	-
8	0.35	BK/GN	2655	Transmission Shift Interlock Switch 2 Return	I	-
9 - 12	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	BK	750	Ground	III	-
14	0.35	VT/BU	2634	Transmission Shifter Position Sensor 2 Beta Signal	I	-
15	0.35	WH/GY	2631	Transmission Shifter Park Position Switch 2 Signal	I	-
16	0.35	WH/GN	2654	Transmission Shift Interlock Switch 2 Signal	I	-
17	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
18	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
19	-	-	-	Not Occupied	-	-
20	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
21	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
22 - 24	-	-	-	Not Occupied	-	-
25	0.35	BU/RD	2646	Transmission Shifter Position Sensor 1 Voltage Reference	II	-
26	0.35	YE/BN	2644	Transmission Shifter Position Sensor 1 Alpha Signal	I	-
27	0.35	VT/GN	2629	Transmission Shifter Park Position Switch 1 Signal	I	-
28	0.35	VT/BN	2645	Transmission Shifter Position Sensor 1 Beta Signal	I	-
29	0.35	WH	2648	Transmission Shift Interlock Switch 1 Signal	I	-
30	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
31	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
32	-	-	-	Not Occupied	-	-
33	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
34	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
35	0.5	GN/BU	4626	Local Interconnect Network Serial Data Bus 26	I	-
36	0.35	VT/WH	639	Run/Crank Ignition 1 Voltage	I	-
37	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
38	0.35	RD/BN	440	Battery Positive Voltage	II	-

M38 POWER STEERING MOTOR X1



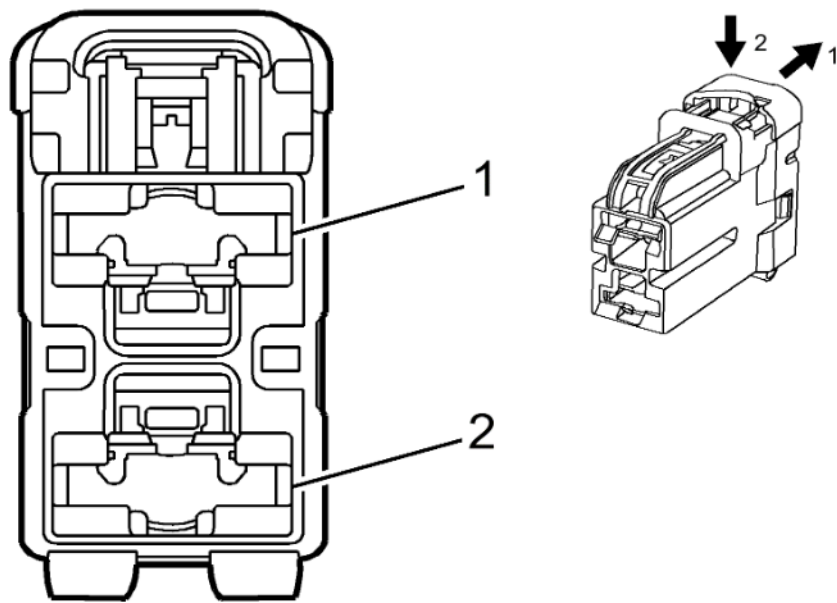
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 2138504-1
- Service Connector: 13580917
- Description: 10-Way F 0.64 Generation Y Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300631	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
3	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
4	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
5	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
6	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
7	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
8	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
9	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
10	0.5	WH/BU	5986	Serial Data Communication Enable	I	-



Connector Part Information

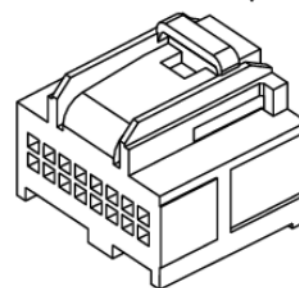
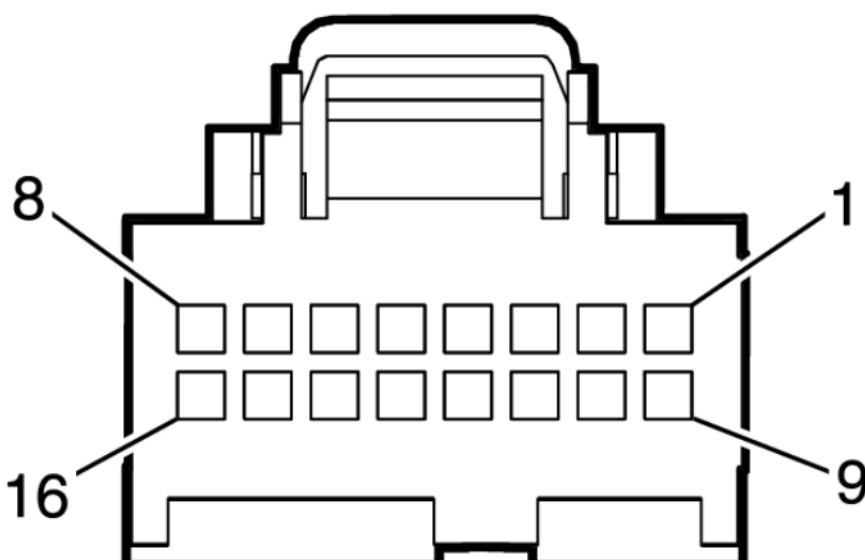
- Harness Type: Instrument Panel
- OEM Connector: 7283-0724-30
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 9.5 Series (BK)

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-35616-22 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	8	RD/GN	40	Battery Positive Voltage	I	-
2	8	BK	1750	Ground	I	-

K56 SERIAL DATA GATEWAY MODULE X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104224
- Service Connector: 13594065
- Description: 16-Way F 0.64 OCS Series (BK)

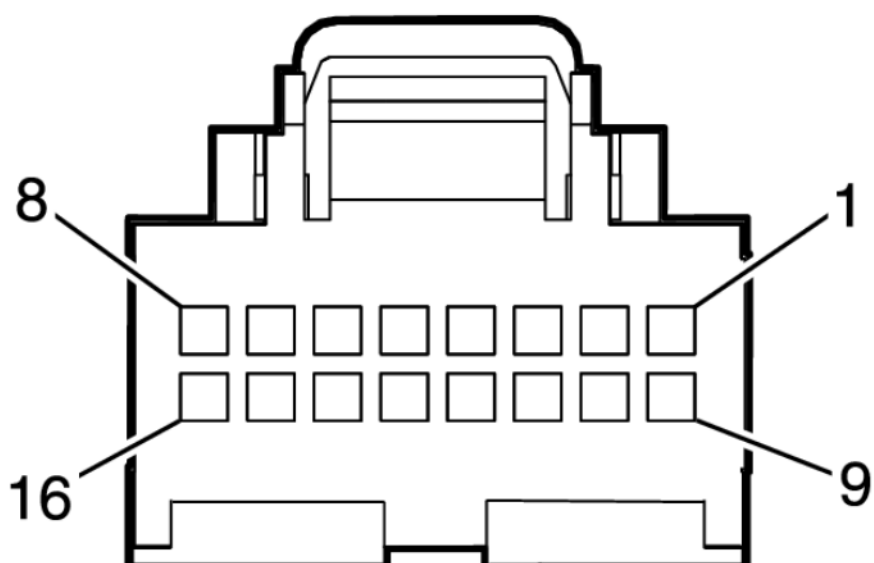
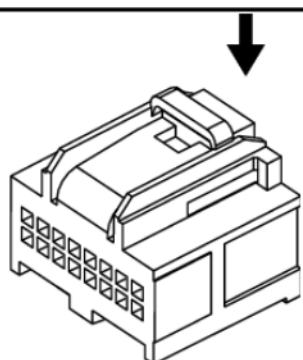
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/YE	6840	Auxiliary Device 2 Switched Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
4	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1
5	-	-	-	Not Occupied	-	-
6	0.75	BK	1250	Ground	I	-
7	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
11	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
12	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
16	-	-	-	Not Occupied	-	-

K56 SERIAL DATA GATEWAY MODULE X2

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 33104225
- Service Connector: 13594066
- Description: 16-Way F 0.64 OCS Series (GY)

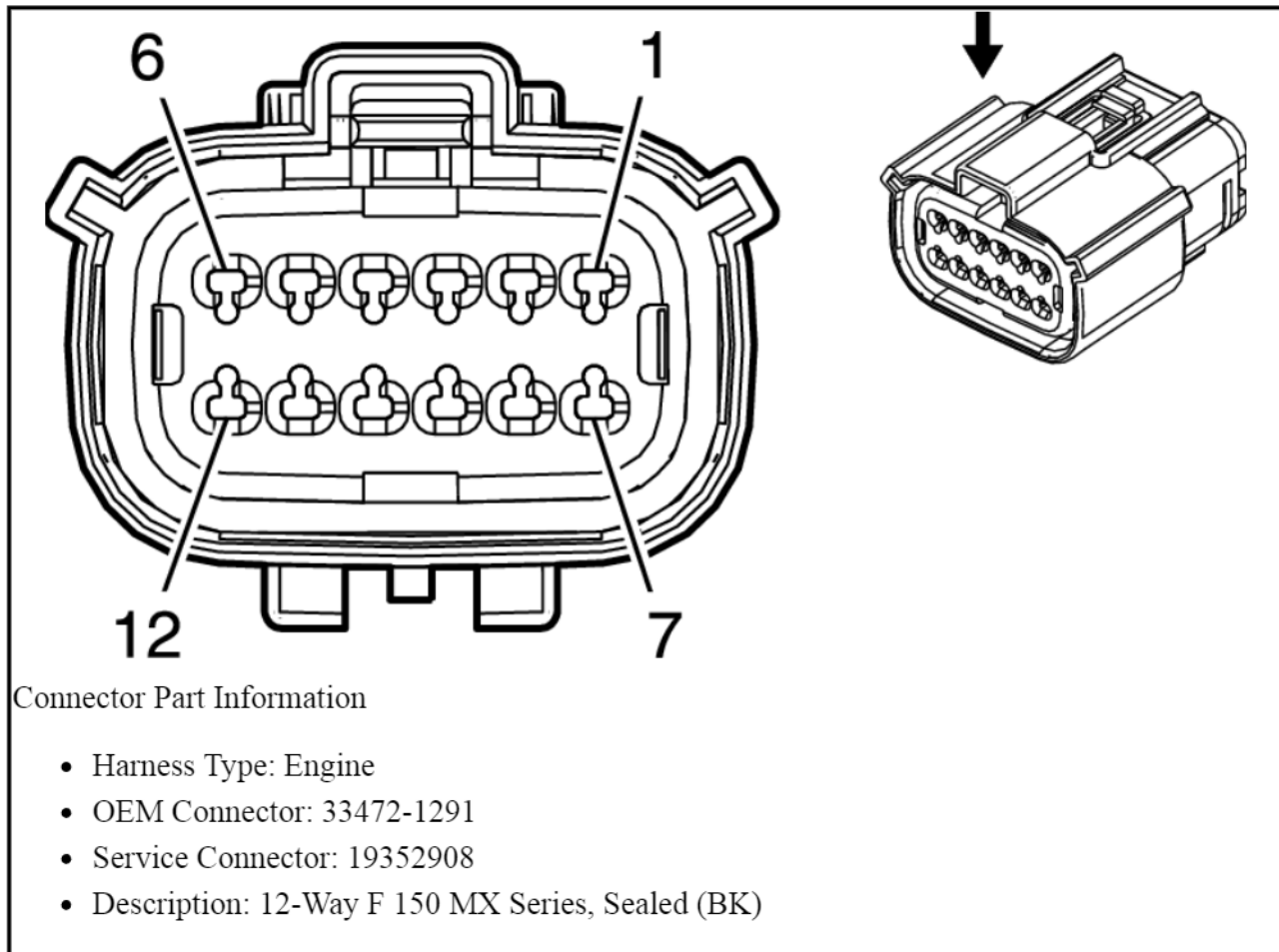
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13587581	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
2	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
3	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
4	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5 - 9	-	-	-	Not Occupied	-	-
10	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
11	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
12	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1
13 - 16	-	-	-	Not Occupied	-	-

K57 BATTERY CHARGER CONTROL MODULE X1



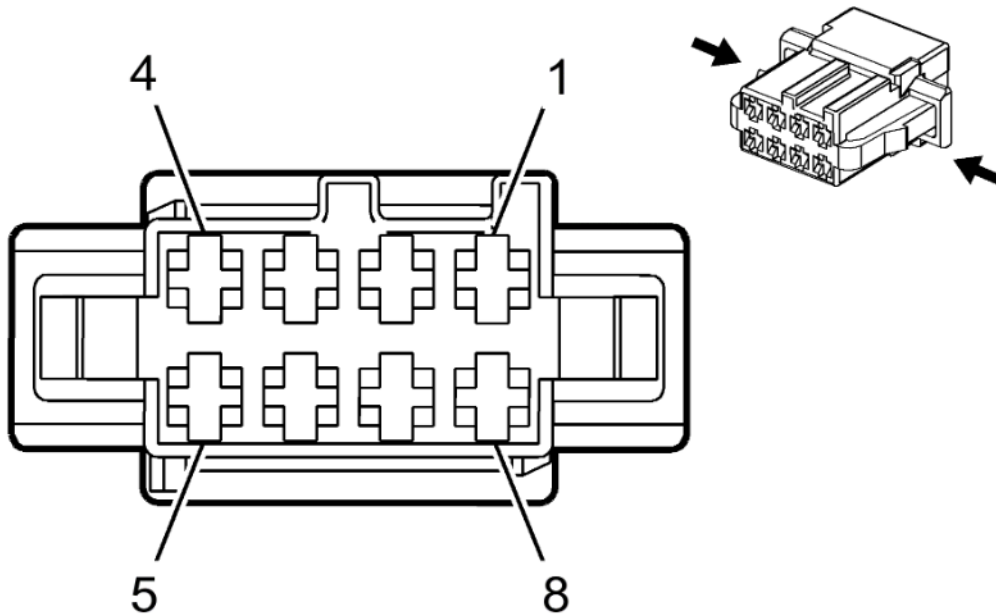
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BK	150	Ground	I	-
3	0.5	VT/WH	3643	High Voltage Onboard Charging DC Voltage Sense Signal	I	-
4	0.5	YE/GY	3645	High Voltage Onboard Charging Control	I	-
5 - 8	-	-	-	Not Occupied	-	-
9	0.5	RD/YE	740	Battery Positive Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.5	GN/GY	3644	High Voltage Onboard Charging AC Voltage Sense Signal	I	-
11	0.5	BU/YE	3646	High Voltage Onboard Charging Enable	I	-
12	-	-	-	Not Occupied	-	-

K60 STEERING COLUMN LOCK MODULE (NO6)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10718780
- Service Connector: 13576545
- Description: 8-Way F 1.6 Micro-Timer Series (BK)

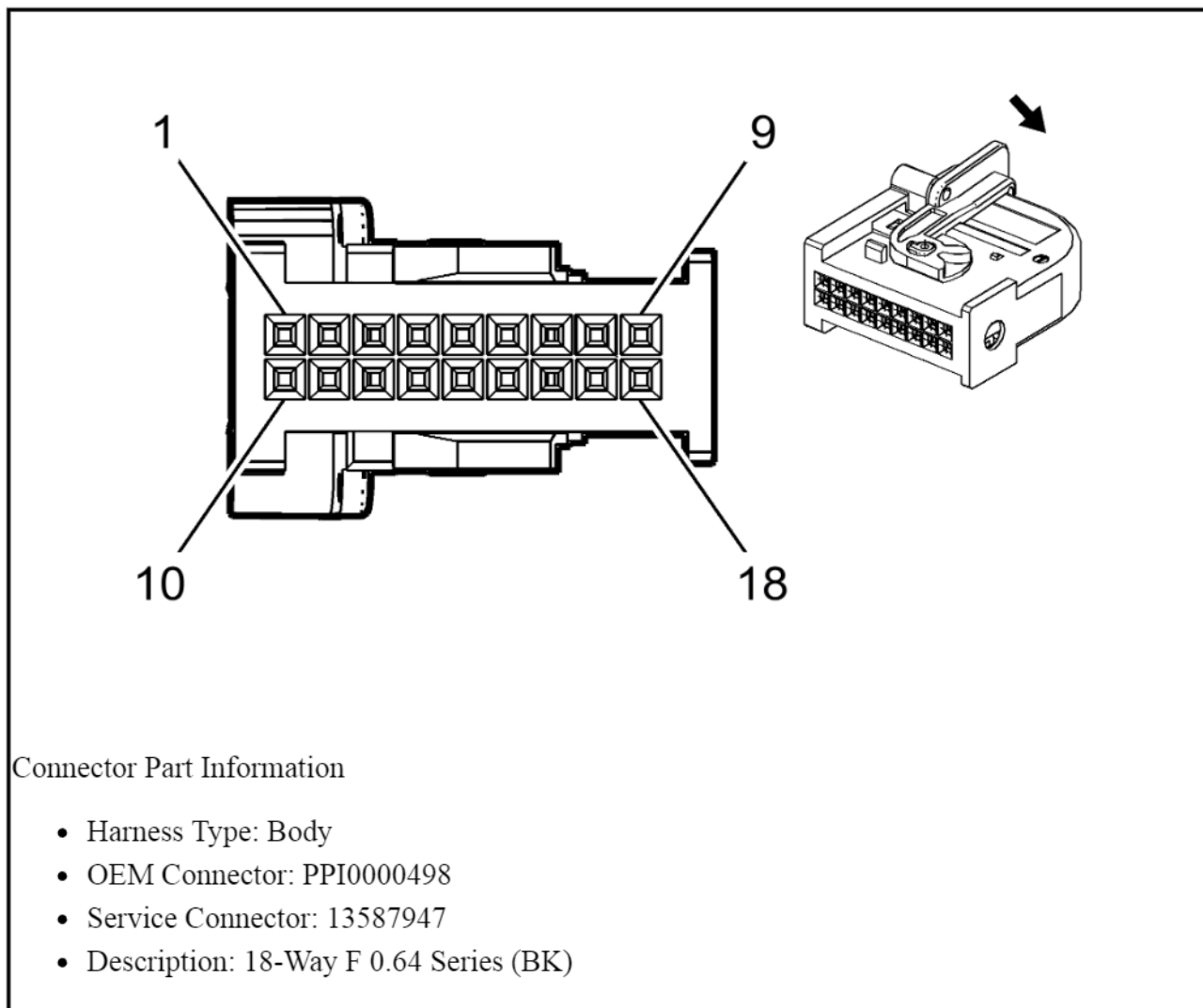
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BU/VT	5904	Steering Column Lock Status Signal	I	N06
3	0.75	BU/VT	807	OFF/Accessory Ignition Voltage	I	N06
4	0.35	GN/VT	1601	Steering Column Lock Signal	I	N06
5	0.35	RD/GN	5140	Battery Positive Voltage	I	N06
6	0.75	BK	1250	Ground	I	N06
7	0.35	BK	1250	Ground	I	N06

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	GN	5060	Low Speed GMLAN Serial Data	I	N06

K68 TRAILER LIGHTING CONTROL MODULE X1 (MBM)



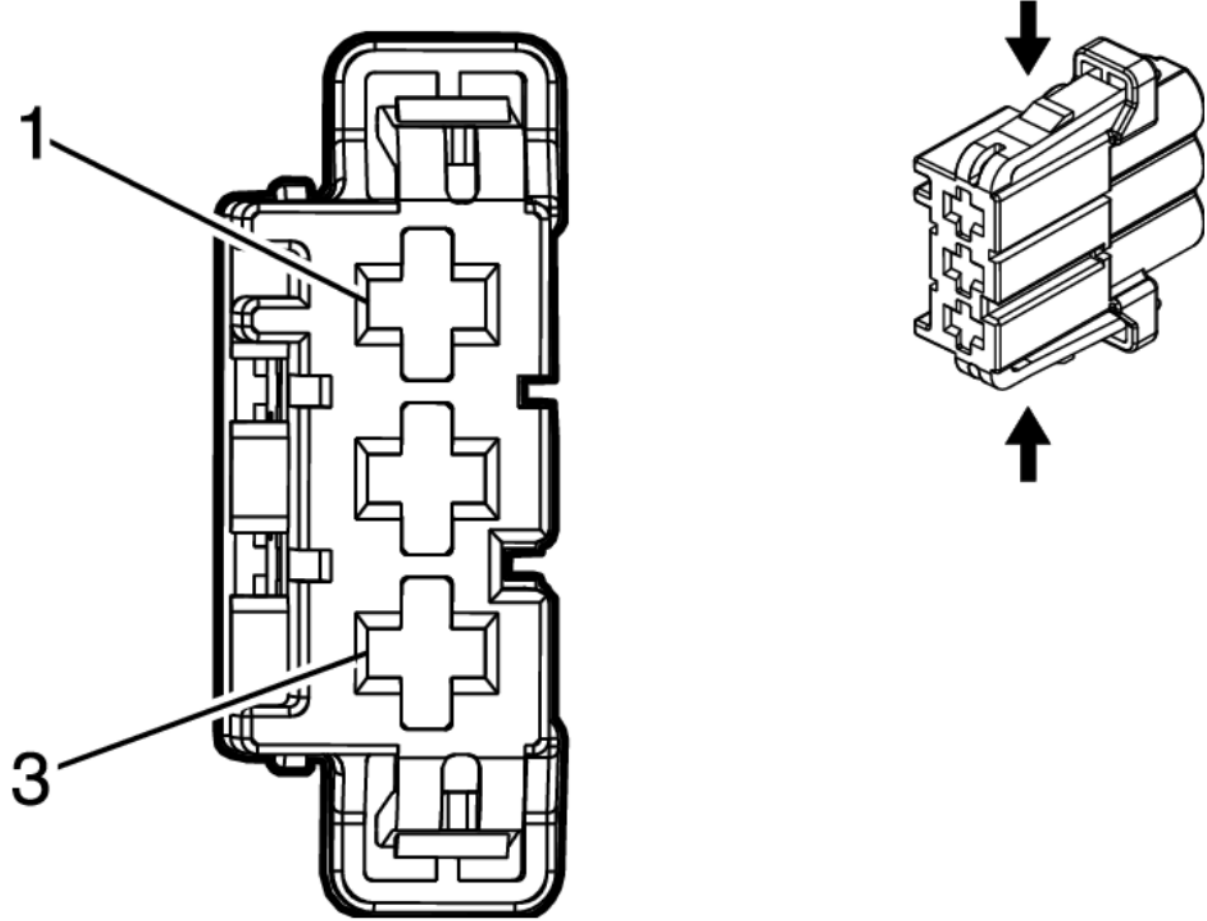
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579917	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	13579918	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY/BN	309	Right Park Lamp Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	WH/YE	3688	Right Rear Supplemental Stop Lamp Control	II	-
7	0.5	WH/YE	7541	Right Rear Stop Lamp Control	II	-
8	0.5	GY/YE	7542	Left Rear Stop Lamp Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	0.5	GY/YE	3687	Left Rear Supplemental Stop Lamp Control	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/GY	709	Left Park Lamp Control	II	-
12	-	-	-	Not Occupied	-	-
13	0.35	VT/BK	2539	Run/Crank Ignition 1 Voltage	II	-
14	0.75	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
15 - 18	-	-	-	Not Occupied	-	-

K68 TRAILER LIGHTING CONTROL MODULE X2 (MBM)



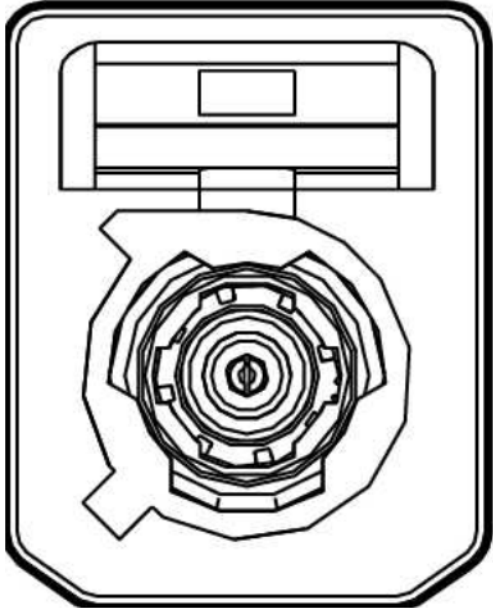
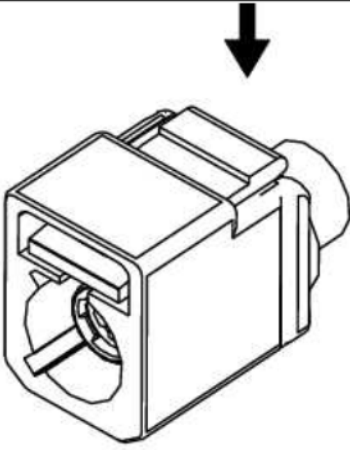
Connector Part Information

- Harness Type: Body
- OEM Connector: 1-968976-9
- Service Connector: 13314094
- Description: 3-Way F 2.8 MCP 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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	1050	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	1	RD/GY	5540	Battery Positive Voltage	I	-

Connector Part Information

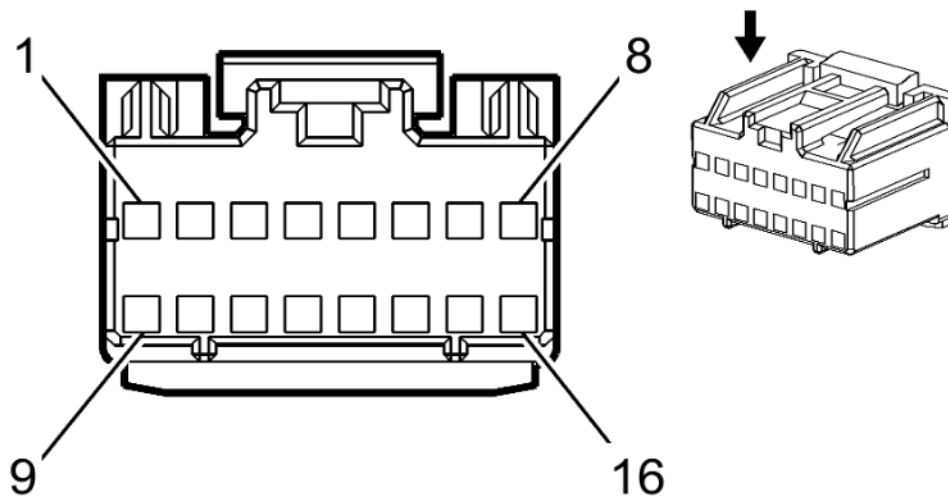
- Harness Type: Instrument Panel
- OEM Connector: 13581969
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BN)

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

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

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X1 (UE1)



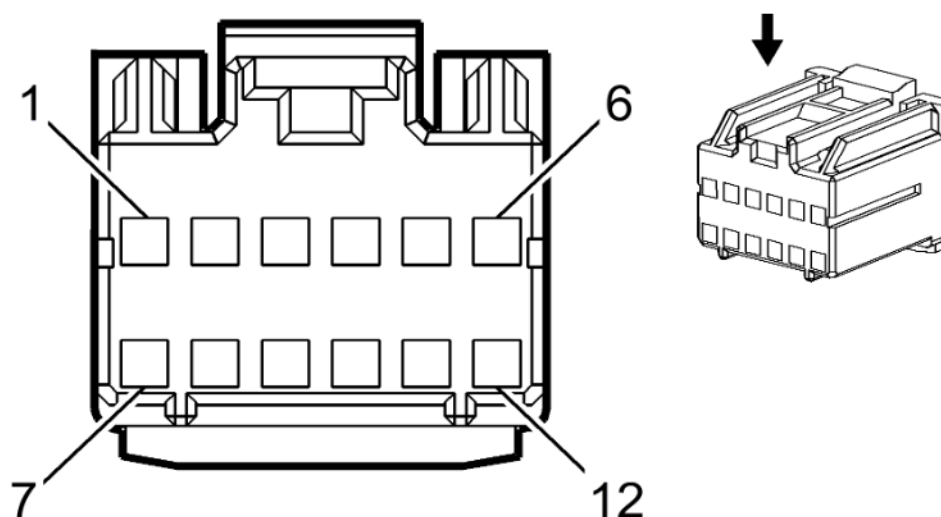
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1456601-1
- Service Connector: 19153138
- Description: 16-Way F 040 Multilock II Series (WH)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575740	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UE1
2	0.35	BN/WH	2517	Keypad Red LED Control	I	UE1
3	0.35	YE/VT	2516	Keypad Green LED Control	I	UE1
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	GN/BK	2515	Keypad Control	I	UE1
7	0.5	BK	1850	Ground	I	UE1
8 - 9	-	-	-	Not Occupied	-	-
10	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
11	0.35	GN/WH	2514	Keypad Signal	I	UE1
12	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1
13	0.35	BK/VT	5167	Battery Backup Low Reference	I	UE1
14	0.35	YE/VT	5235	Battery Backup Control	I	UE1
15	0.35	RD/GY	7040	Battery Positive Voltage	I	UE1
16	-	-	-	Not Occupied	-	-



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1456599-1
- Service Connector: 88952886
- Description: 12-Way F 040 Multilock II Series (WH)

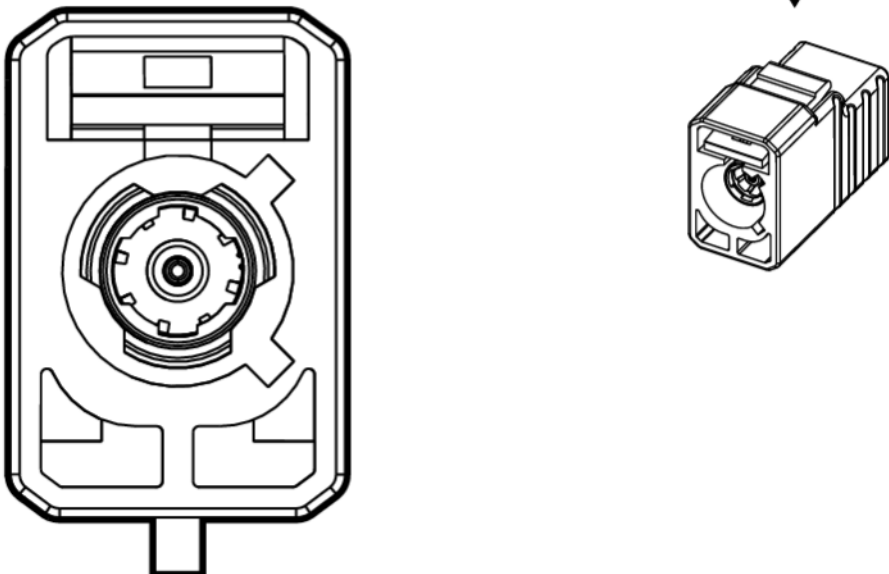
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575740	J-35616-16 (LT GN)	J-38125-559	15445905	Delphi 23	J	J

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	658	Cellular Telephone Voice Signal	I	UE1
2	0.5	BK/YE	659	Cellular Telephone Voice Low Reference	I	UE1
3	0.5	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	UE1
4	0.5	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	UE1
5	0.5	BK/WH	551	Signal Ground	I	UE1
6	0.5	GY/YE	5149	Voice Recognition Audio Signal	I	UE1
7	0.5	WH/BU	5986	Serial Data Communication Enable	I	UE1
8	0.35	BK/WH	751	Signal Ground	I	UE1
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	UE1
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	UE1
11	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	BK/GY	5152	Voice Recognition Audio Low Reference	I	UE1

K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X5



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13581693
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F 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

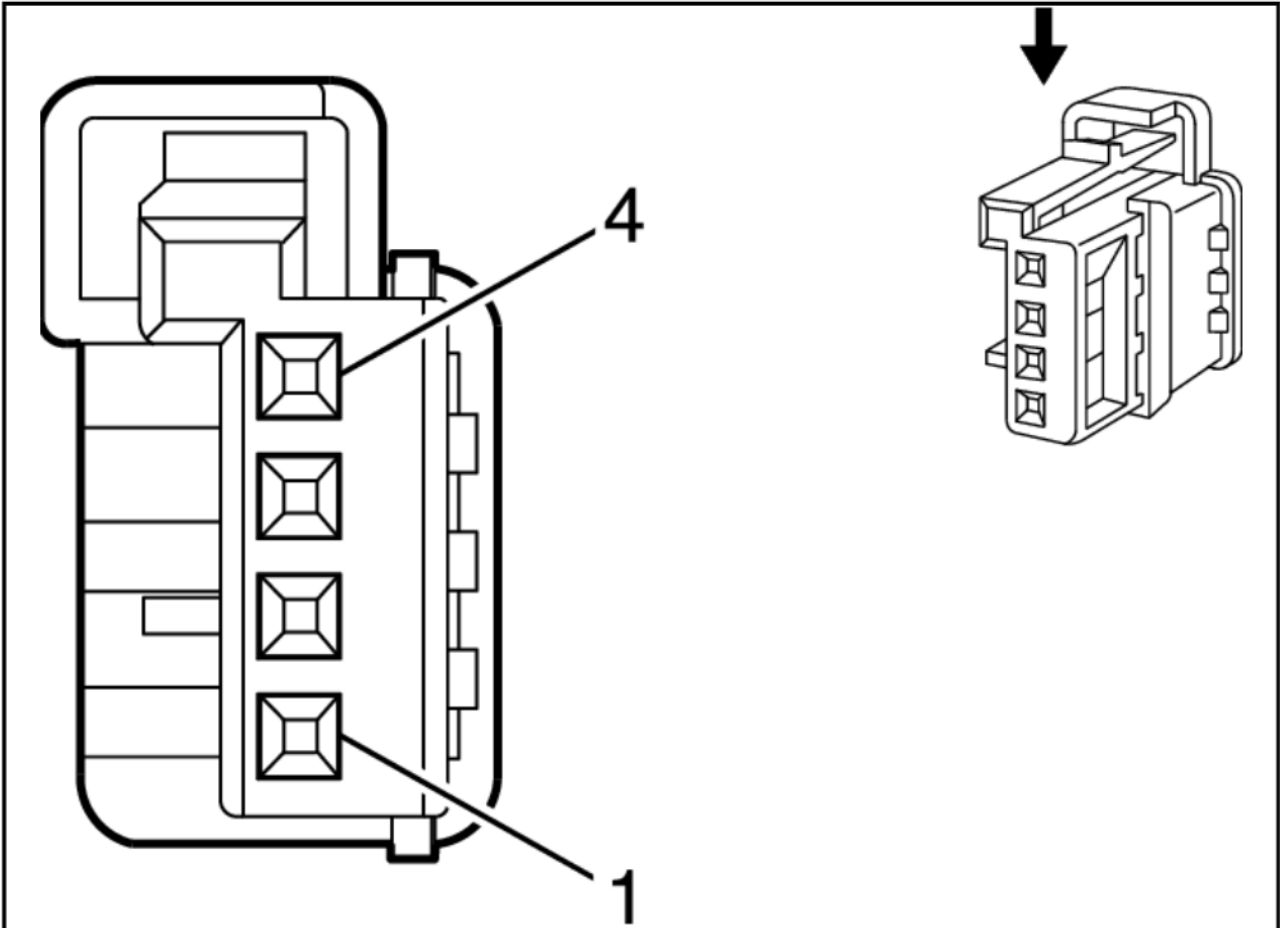
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(Cell only) Coaxial Antenna Cell Phone Signal	I	-

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Component Connector
End Views - Bolt EV

COMPONENT CONNECTOR END VIEWS

K77 REMOTE CONTROL DOOR LOCK RECEIVER



Connector Part Information

- Harness Type: Body
- OEM Connector: 1379029-3
- Service Connector: 13316147
- Description: 4-Way F 0.64 Micro-Quadlock 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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	3273	Remote Function Actuator Low Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	I	-
3	0.35	BU/WH	3275	Remote Function Actuator Receive Signal	I	-
4	0.35	GY/WH	3272	Remote Function Actuator Control	I	-

K84 KEYLESS ENTRY CONTROL MODULE X1

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 31410-1202
- Service Connector: 15126709
- Description: 20-Way F 64 Series, Sealed (BN)

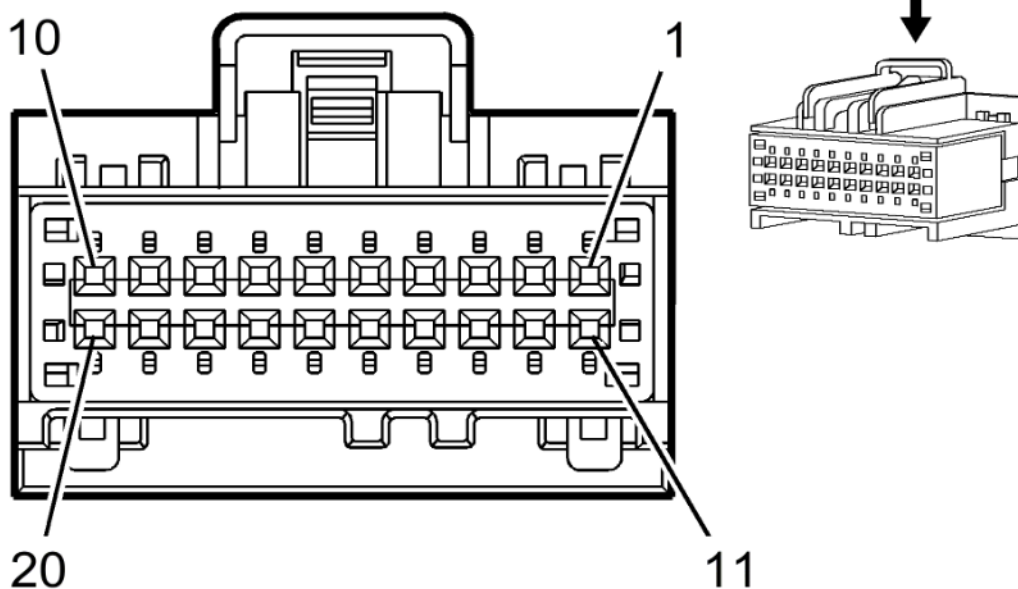
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/VT	1601	Steering Column Lock Signal	II	N06
2	0.35	RD/WH	5740	Battery Positive Voltage	II	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
4	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.13	GY	4	Accessory Ignition Voltage	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	GY/GN	4083	RAP Relay 2 Coil Control	II	-
8	-	-	-	Not Occupied	-	-
9	0.5	WH/YE	3574	Driver Door Open Switch Signal	II	-
10	0.5	YE/BU	4086	Pushbutton Start Challenge Active Signal	II	-
11	0.13	GN	3558	Passive Start Switch Signal 2	I	-
12	0.13	BK	3559	Passive Start Switch 2 Low Reference	I	-
13	0.13	VT	3	Run/Crank Ignition 1 Voltage	I	-
14	0.5	BK	1250	Ground	II	-
15	0.5	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	II	-
16	0.5	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	II	-
17	0.5	WH	3553	Passive Start Interior Antenna 1 Signal Lo	II	-
18	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	II	-
19	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	II	-
20	0.5	BU	3554	Passive Start Interior Antenna 2 Signal Hi	II	-

K84 KEYLESS ENTRY CONTROL MODULE X2



Connector Part Information

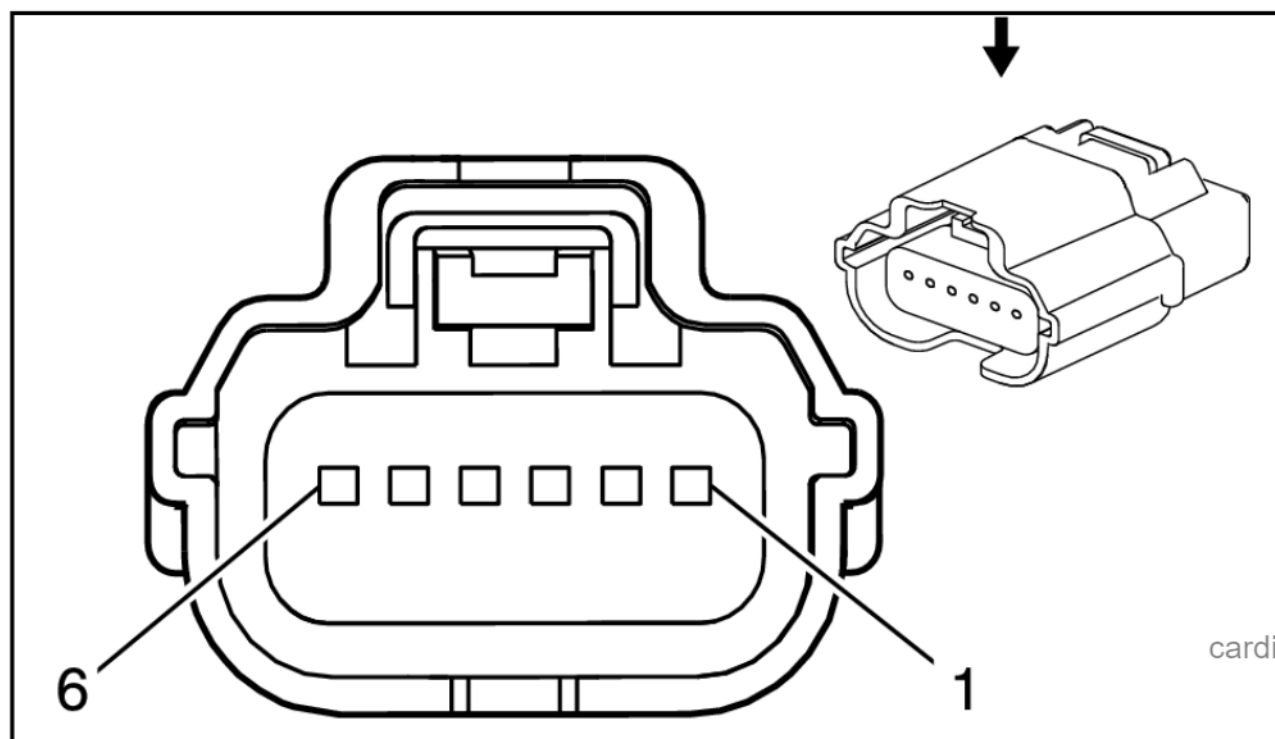
- Harness Type: Instrument Panel
- OEM Connector: 31410-1202
- Service Connector: 15126709
- Description: 20-Way F 64 Series, Sealed (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	0.5	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
3 - 5	-	-	-	Not Occupied	-	-
6	0.5	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
7	0.5	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
8	-	-	-	Not Occupied	-	-
9	0.5	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
12	0.5	GN/WH	3570	Driver Door Handle Switch Signal	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-
19	-	-	-	Not Occupied	-	-
20	0.5	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-

K85 PASSENGER PRESENCE MODULE (AL0)



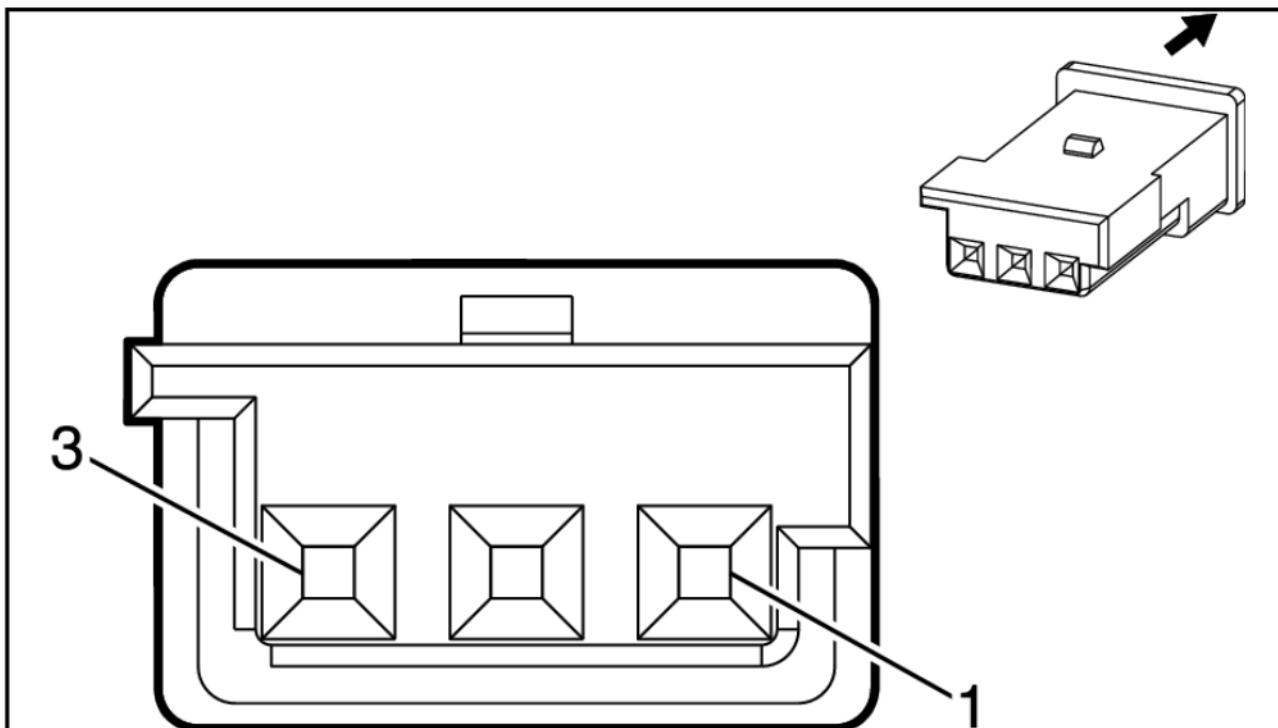
Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 31404-6132
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/GN	2440	Battery Positive Voltage	I	-
2	0.5	GN	5060	Low Speed GMLAN Serial Data	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	750	Ground	I	-
5	0.5	GY/OG	3946	Automatic Locking Retractor Switch Low Reference	I	-
6	0.5	OG/BN	3947	Automatic Locking Retractor Switch Signal	I	-

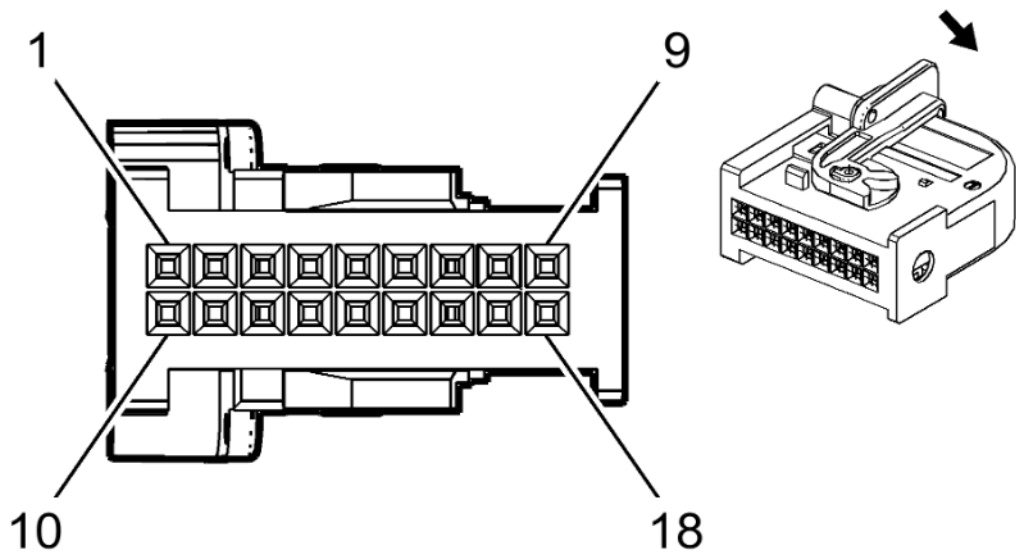
K89 IMMOBILIZER CONTROL MODULE**Connector Part Information**

- Harness Type: Floor Console
- OEM Connector: 4-1718346-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Micro-Quadlock Series (PU)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/GY	3277	Vehicle Anti-Theft System Immobilizer Low Reference	I	-
2	0.35	GN/VT	7533	Local Interconnect Network Serial Data Bus 11	I	-
3	0.35	GY/BK	3276	Vehicle Anti-Theft System Immobilizer Control	I	-

K101 TRAILER INTERFACE CONTROL MODULE X1 (MAH/MBC/MAW/MCX)

Connector Part Information

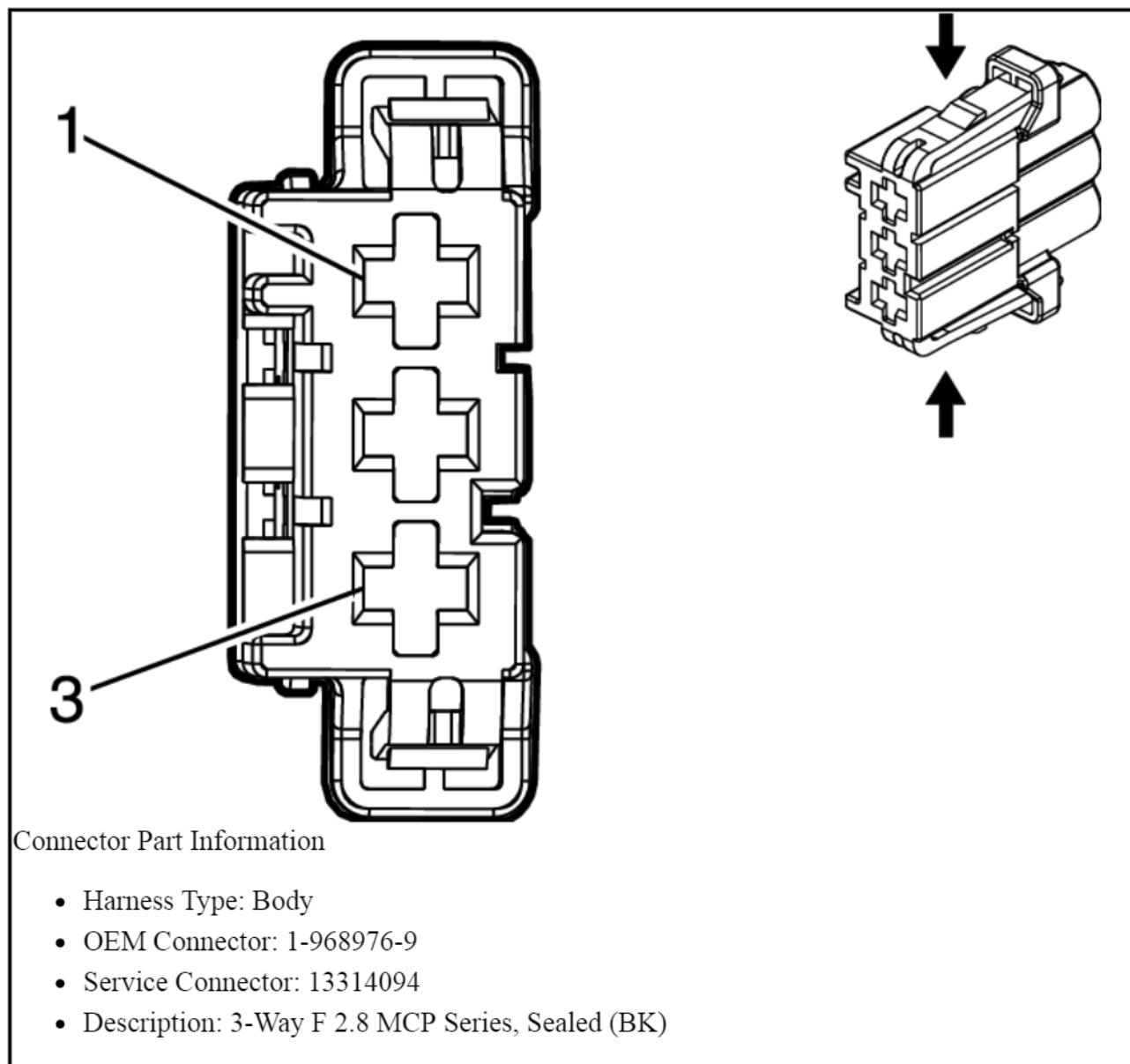
- Harness Type: Body
- OEM Connector: PPI0000498
- Service Connector: 13587947
- Description: 18-Way F 0.64 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579917	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	13579918	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	II	-
2	-	-	-	Not Occupied	-	-
3	0.5	GY/BN	309	Right Park Lamp Control	II	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	WH/YE	3688	Right Rear Supplemental Stop Lamp Control	II	-
7	0.5	WH/YE	7541	Right Rear Stop Lamp Control	II	-
8	0.5	GY/YE	7542	Left Rear Stop Lamp Control	II	-
9	0.5	GY/YE	3687	Left Rear Supplemental Stop Lamp Control	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/GY	709	Left Park Lamp Control	II	-
12	-	-	-	Not Occupied	-	-
13	0.35	VT/BK	2539	Run/Crank Ignition 1 Voltage	II	-
14	0.75	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
15 - 18	-	-	-	Not Occupied	-	-

K101 TRAILER INTERFACE CONTROL MODULE X2 (MAH/MBC/MAW/MCX)

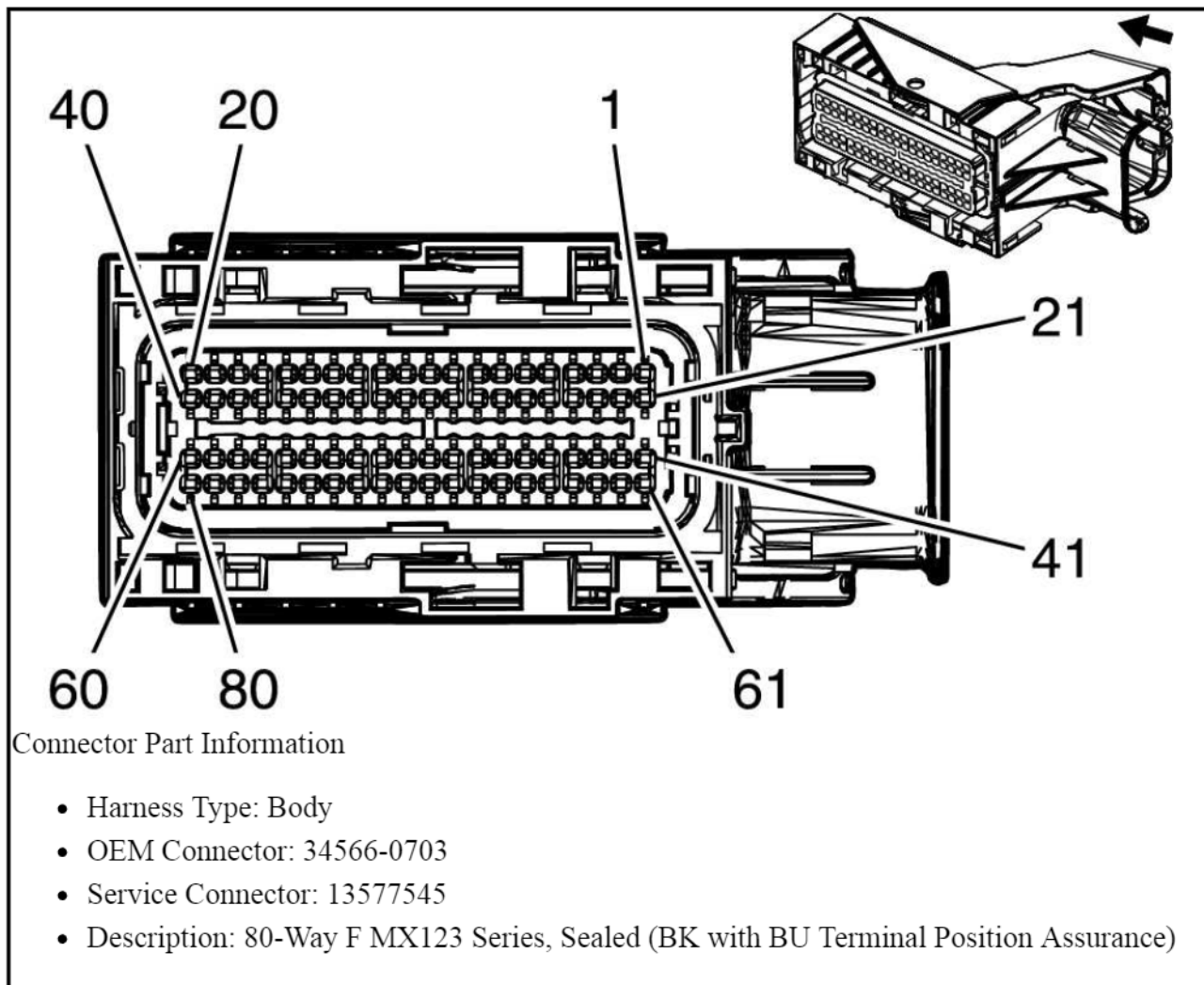


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	1	RD/GY	5540	Battery Positive Voltage	I	-

K114B HYBRID/EV POWERTRAIN CONTROL MODULE 2 X1



Terminal Part Information

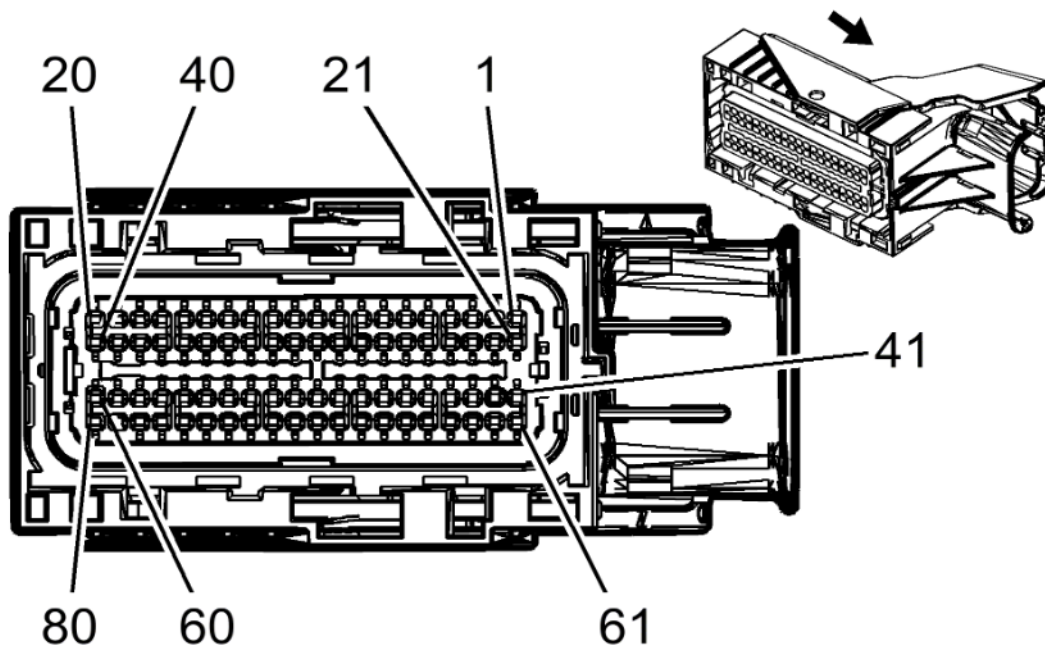
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575813	J-35616-64B (LT BU)	J-38125-213	33468-0003	Delphi 23	J	J
II	13575813	J-35616-64B (LT BU)	J-38125-213	33468-0003	Delphi 23	K	K

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	750	Ground	II	-
2	0.75	RD/BU	5240	Battery Positive Voltage	II	-
3	0.5	YE/VT	3962	High Voltage Battery 3 (+) Relay Control	I	-
4	0.5	BU/GY	4326	High Power Contactor Ground Relay Control	I	CBT

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.5	WH/VT	2246	Driver Illumination Lamp #1 Control	I	-
6	0.5	VT/GY	3961	High Voltage Battery (-) Relay Control	I	-
7	0.5	YE	4327	High Power Contactor Positive Relay Control	I	CBT
8	0.5	GY	5138	Precharge Relay	I	-
9	0.5	BN/GN	3959	High Voltage Battery 1 (+) Relay Control	I	-
10	0.5	VT	4334	Battery Pack Coolant Heater Control	I	-
11	0.5	GN/VT	5243	Inside Rear View Mirror Potentiometer Ground	I	CBT
12 - 16	-	-	-	Not Occupied	-	-
17	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
18	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
19	-	-	-	Not Occupied	-	-
20	0.5	BK/BU	6813	Coolant Temperature Sensor 2 Low Reference	I	-
21 - 25	-	-	-	Not Occupied	-	-
26	0.5	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
27	0.5	YE/BK	3000	Coolant Temperature Sensor 2 Signal	I	-
28	-	-	-	Not Occupied	-	-
29	0.5	GN	4330	High Power Contactor Positive Voltage Sense Signal	I	CBT
30	0.5	GY	4329	High Power Contactor Ground Voltage Sense Signal	I	CBT
31	0.5	BU	204	A/C Low Pressure Sensor Signal	I	-
32	0.5	BU/YE	68	Low Coolant Level Indicator Control	I	-
33	0.5	BK/GN	476	Sensor Low Reference	I	-
34 - 36	-	-	-	Not Occupied	-	-
37	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
38	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
39	-	-	-	Not Occupied	-	-
40	0.5	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-
41 - 42	-	-	-	Not Occupied	-	-
43	0.5	YE/GY	5241	Inside Rear View Mirror Horizontal Potentiometer	I	CBT
44	-	-	-	Not Occupied	-	-
45	0.5	BK/BN	5088	High Voltage Interlock Loop Low Reference 1	I	-
46	-	-	-	Not Occupied	-	-
47	0.5	VT	5087	High Voltage Interlock Loop Signal 1	I	-
48 - 51	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
52	0.5	YE	5530	Hood Open Switch Signal	I	-
53	-	-	-	Not Occupied	-	-
54	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
55	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
56	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
57	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	-
58	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	-
59	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	-
60	0.5	BK/GN	3800	A/C Refrigerant Sensor Low Reference	I	-
61 - 62	-	-	-	Not Occupied	-	-
63	0.5	BU/RD	474	5V Reference	I	-
64	-	-	-	Not Occupied	-	-
65	0.5	BK/VT	5596	High Voltage Interlock Loop Low Reference 2	I	-
66	-	-	-	Not Occupied	-	-
67	0.5	GY/VT	5595	High Voltage Interlock Loop Signal 2	I	-
68 - 70	-	-	-	Not Occupied	-	-
71	0.5	VT/BN	3699	Charge Port Door Switch Signal	I	CBT
72 - 73	-	-	-	Not Occupied	-	-
74	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
75	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
76	0.5	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
77	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	-
78	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	-
79	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	-
80	-	-	-	Not Occupied	-	-

K114B HYBRID/EV POWERTRAIN CONTROL MODULE 2 X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 34566-0803
- Service Connector: 19115670
- Description: 80-Way F 0.64 Series, Sealed (BK with GY Terminal Position Assurance)

Terminal Part Information

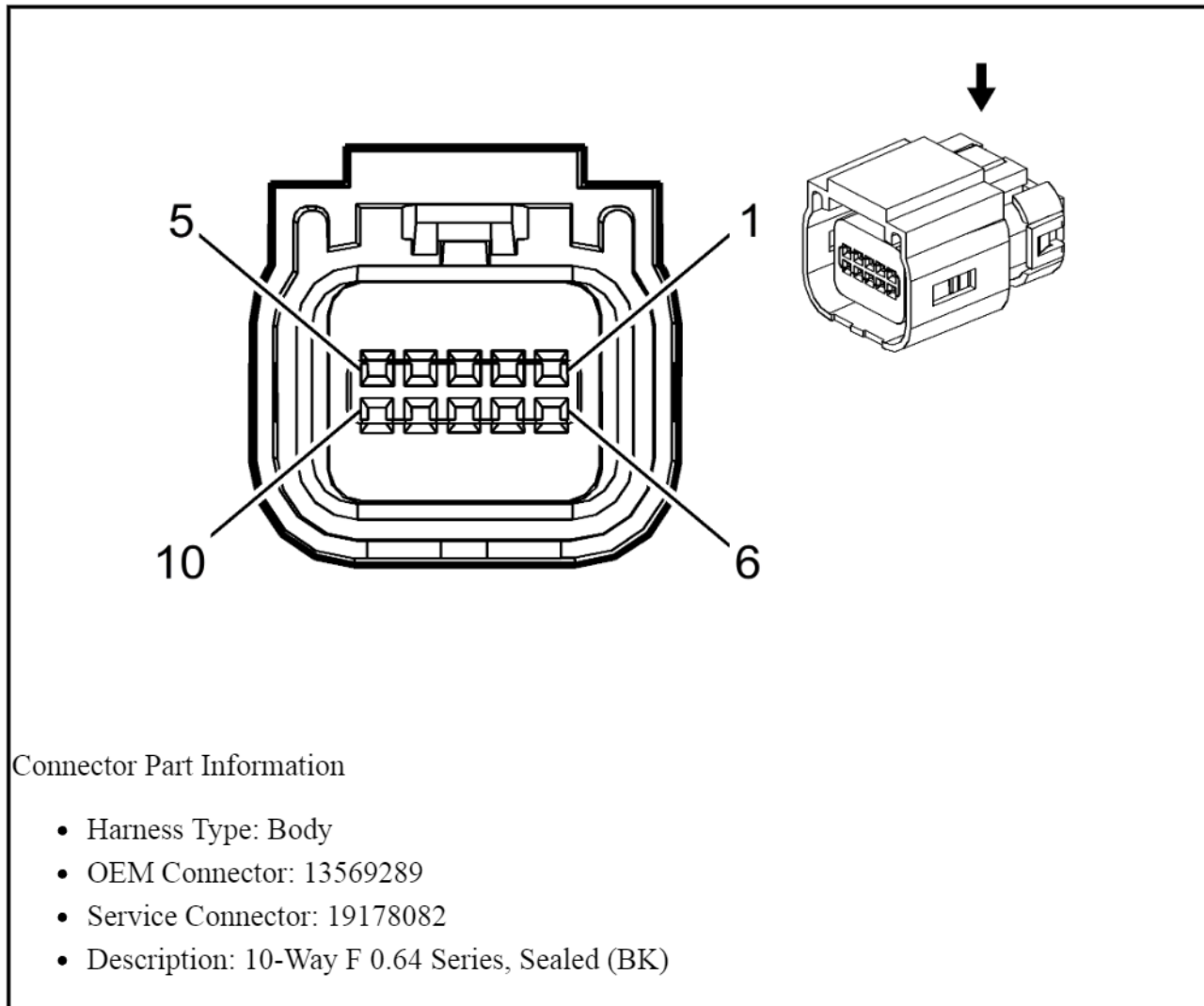
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575813	J-35616-64B (LT BU)	J-38125-213	33468-0003	Delphi 23	J	J
II	13575813	J-35616-64B (LT BU)	J-38125-213	33468-0003	Delphi 23	K	K
III	13582310	J-35616-64B (LT BU)	J-38125-12A	33468-0001	Delphi 23	H	H

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BU/RD	4331	High Power Contactor Signal Conditioner Voltage Reference	I	CBT
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	WH/GY	5239	Inside Rear View Mirror Vertical Potentiometer	I	CBT
6	0.5	GY/BU	213	Charge Port Paddle Temperature Sensor Signal	I	CBT
7	-	-	-	Not Occupied	-	-
8	0.75	GY/GN	3954	Control Pilot Signal 1	II	-
9	0.5	BU/VT	2364	Cooling Fan Speed Signal	I	-
10	0.5	BU/GY	5139	High Voltage Fault Signal	I	-
11	-	-	-	Not Occupied	-	-
12	0.5	GN/GY	3644	High Voltage Onboard Charging AC Voltage Sense Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.5	VT/WH	3643	High Voltage Onboard Charging DC Voltage Sense Signal	I	-
14	0.5	VT/BU	3790	Electric Coolant Motor Feedback Signal	I	-
15	0.75	BU/YE	3953	Proximity Status Signal 1	II	-
16	0.5	BK/BU	5404	Charge Port Paddle Temperature Sensor Low Reference	I	CBT
17 - 19	-	-	-	Not Occupied	-	-
20	0.5	BK/BN	4332	High Power Contactor Signal Conditioner Low Reference	I	CBT
21 - 24	-	-	-	Not Occupied	-	-
25	0.5	WH/BU	3697	Charge Port Door Sensor Signal	I	-
26	-	-	-	Not Occupied	-	-
27	0.5	VT/BK	1239	Run/Crank Ignition 1 Voltage	I	-
28 - 32	-	-	-	Not Occupied	-	-
33	0.5	YE/GY	3796	Rechargeable Energy Storage System 1 Coolant Motor Feedback Signal	I	-
34 - 37	-	-	-	Not Occupied	-	-
38	0.35	GN	5060	Low Speed GMLAN Serial Data	III	-
39 - 40	-	-	-	Not Occupied	-	-
41	0.5	BN/YE	2231	Charge Port Valve Motor Close Control	I	CBT
42	0.5	WH/GN	3794	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
43	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
44	0.5	BU/YE	3646	High Voltage Onboard Charging Enable	I	-
45 - 51	-	-	-	Not Occupied	-	-
52	0.75	WH	2368	Cooling Fan Control Signal	II	-
53	0.5	YE/GY	3645	High Voltage Onboard Charging Control	I	-
54 - 60	-	-	-	Not Occupied	-	-
61	0.5	BU/WH	2230	Charge Port Valve Motor Open Control	I	CBT
62	0.5	GY/GN	3957	Charging Pilot Signal Indicator Control	I	-
63	0.5	BN/BU	3788	Electric Coolant Motor Control	I	-
64	0.5	YE/VT	3956	Charging Status Indicator Control	I	-
65	0.5	BU/BN	3787	High Voltage Energy Management Communication Control	I	-
66	-	-	-	Not Occupied	-	-
67	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
68 - 72	-	-	-	Not Occupied	-	-
73	0.5	BU/VT	3795	Rechargeable Energy Storage System 1 Coolant Motor Control	I	-
74	0.5	YE/GN	3789	Electric Coolant Motor Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
75 - 80	-	-	-	Not Occupied	-	-

K132 PEDESTRIAN ALERT SOUND CONTROL MODULE



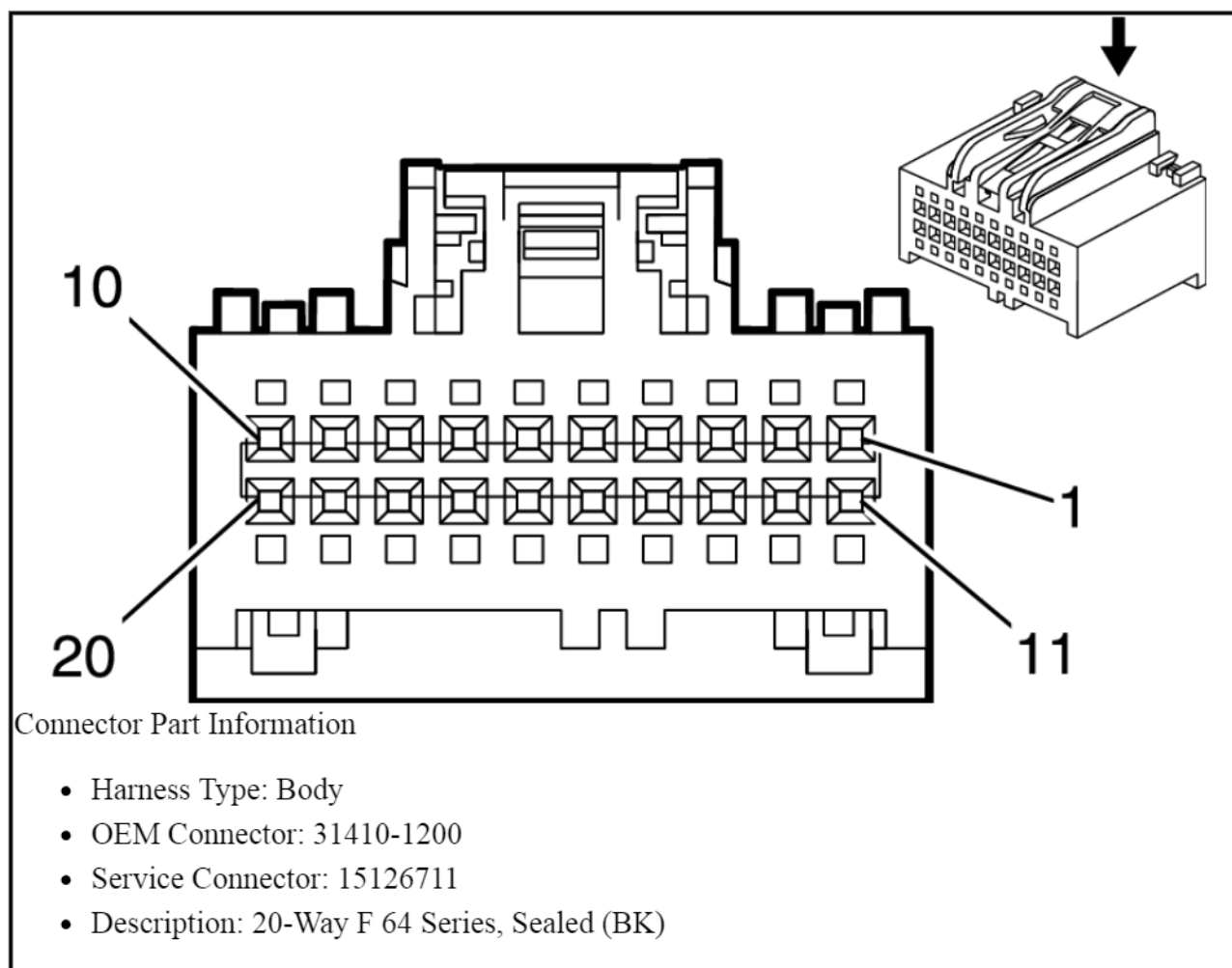
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13579944	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
2	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
3	0.5	BK	550	Ground	I	-
4	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	VT/BN	4337	Pedestrian Friendly Alert Speaker Control (-)	I	-
9	0.5	GY/GN	4338	Pedestrian Friendly Alert Speaker Control (+)	I	-
10	0.5	RD/BU	6040	Battery Positive Voltage	I	-

K157 VIDEO PROCESSING CONTROL MODULE X1 (UVH)



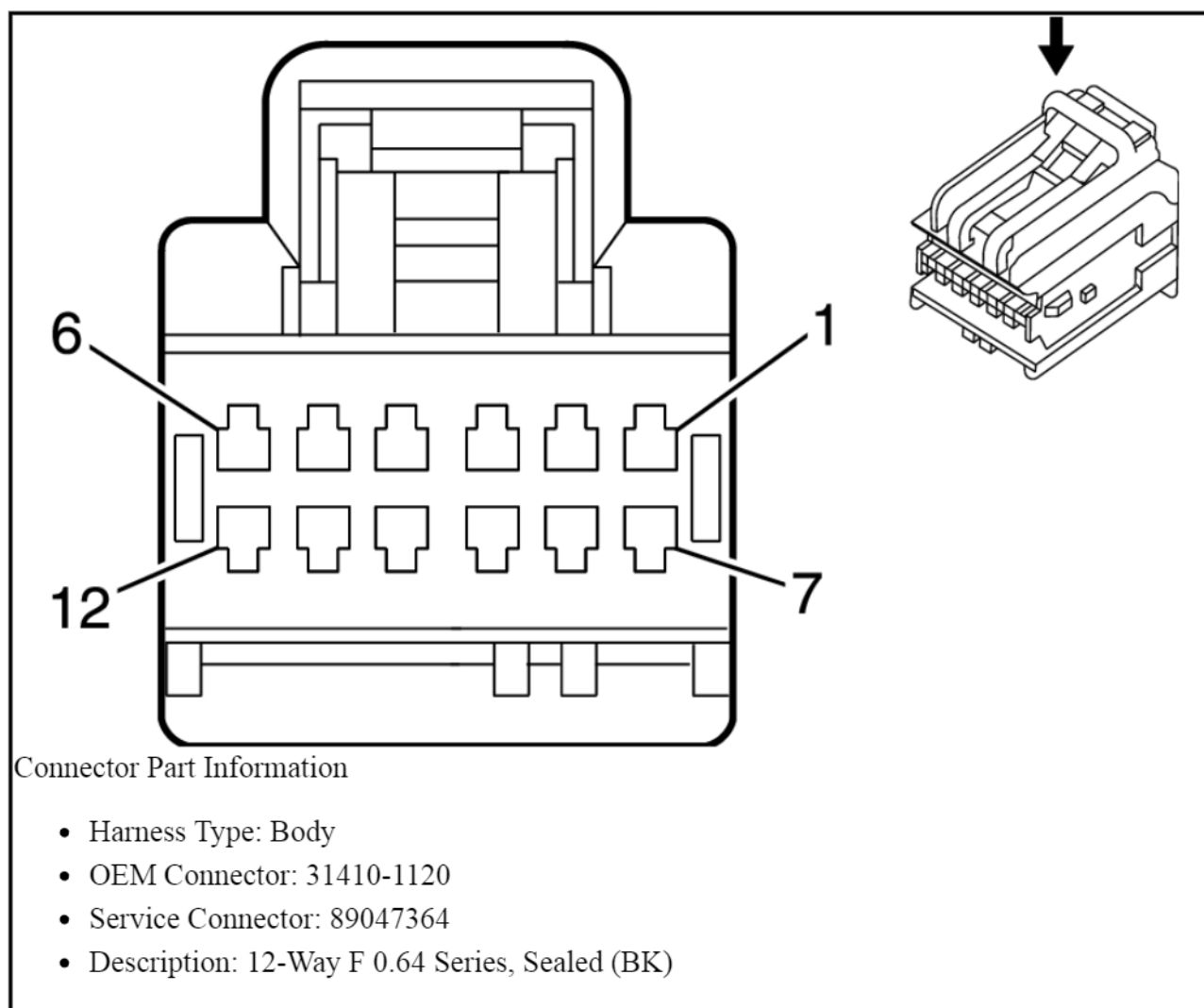
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH	2397	Front Vision Camera #1 Signal (+)	I	UVH
2	0.35	BN/BK	6202	Camera Ground	I	UVH
3	0.35	BK/YE	4670	Rear Camera Return	I	UVH
4	0.35	GY/YE	6972	Camera Signal 2 +	I	UVH
5	0.35	WH/GN	2628	Left Side Vision Camera Video Signal (+)	I	UVH
6	0.35	BK/GN	4664	Left Side Camera Return	I	UVH
7	0.35	BK/BU	4667	Right Side Camera Return	I	UVH
8	0.35	WH/BU	2627	Right Side Vision Camera Video Signal (+)	I	UVH
9 - 10	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BU	2398	Front Vision Camera #1 Signal (-)	I	UVH
12	0.35	WH/BN	6201	Camera Control	I	UVH
13	0.35	VT/BN	4669	Rear Camera Control	I	UVH
14	0.35	WH/BU	6973	Camera Signal 2	I	UVH
15	0.35	GY/GN	2625	Left Side Vision Camera Video Signal (-)	I	UVH
16	0.35	VT/GN	4663	Left Side Camera Control	I	UVH
17	0.35	VT/BU	4666	Right Side Camera Control	I	UVH
18	0.35	GY/BU	2626	Right Side Vision Camera Video Signal (-)	I	UVH
19 - 20	-	-	-	Not Occupied	-	-

K157 VIDEO PROCESSING CONTROL MODULE X2 (UVH)



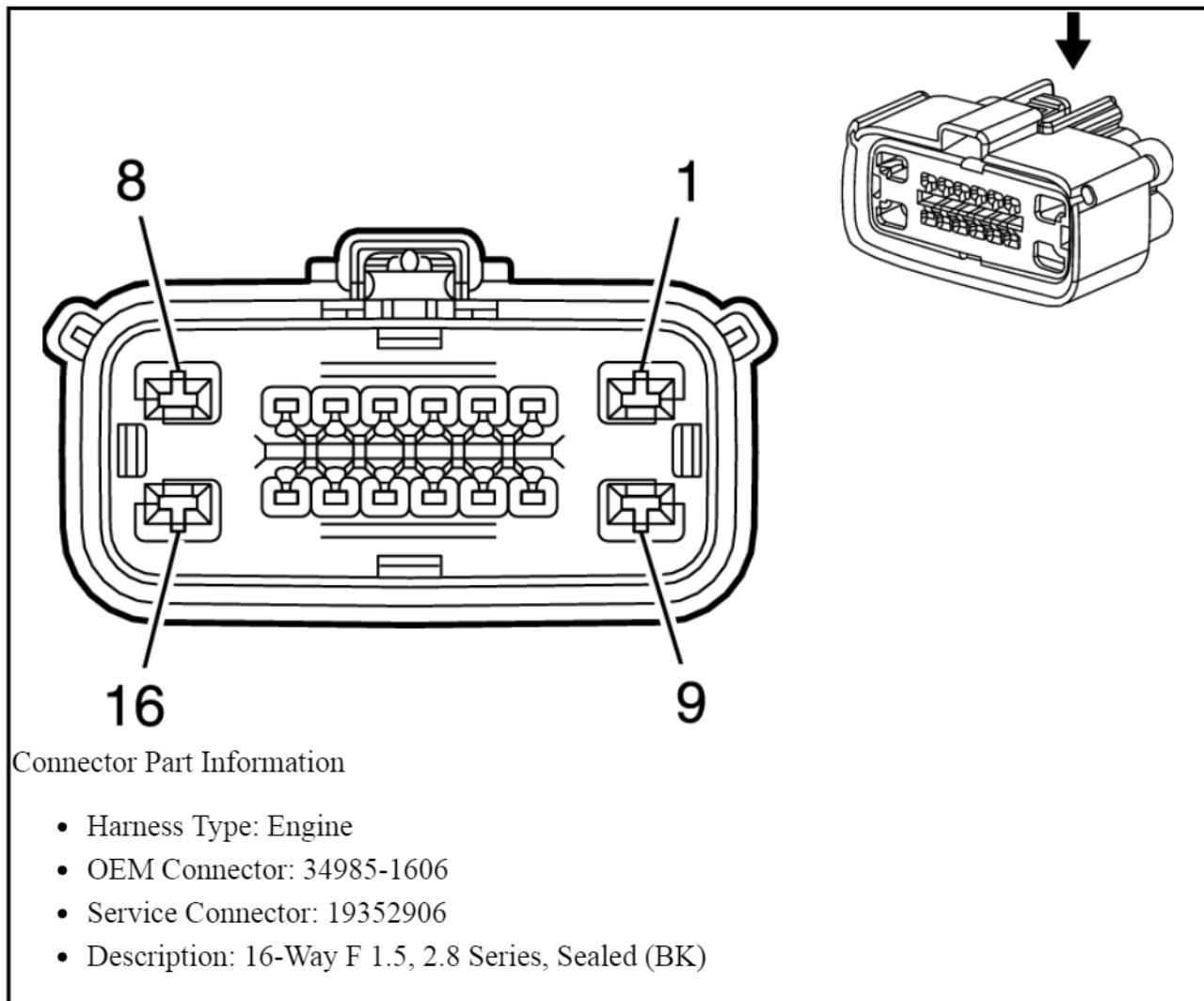
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BU	7340	Camshaft W 2 Low Reference	I	UVH
2	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UVH
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	4660	Combined Camera Video Signal (+)	I	UVH
7	0.5	BK	2250	Ground	I	UVH
8 - 10	-	-	-	Not Occupied	-	-
11	0.35	BK/WH	2651	Signal Ground	I	UVH
12	0.35	GN/WH	4661	Combined Camera Video Signal (-)	I	UVH

K173 TRANSMISSION RANGE CONTROL MODULE



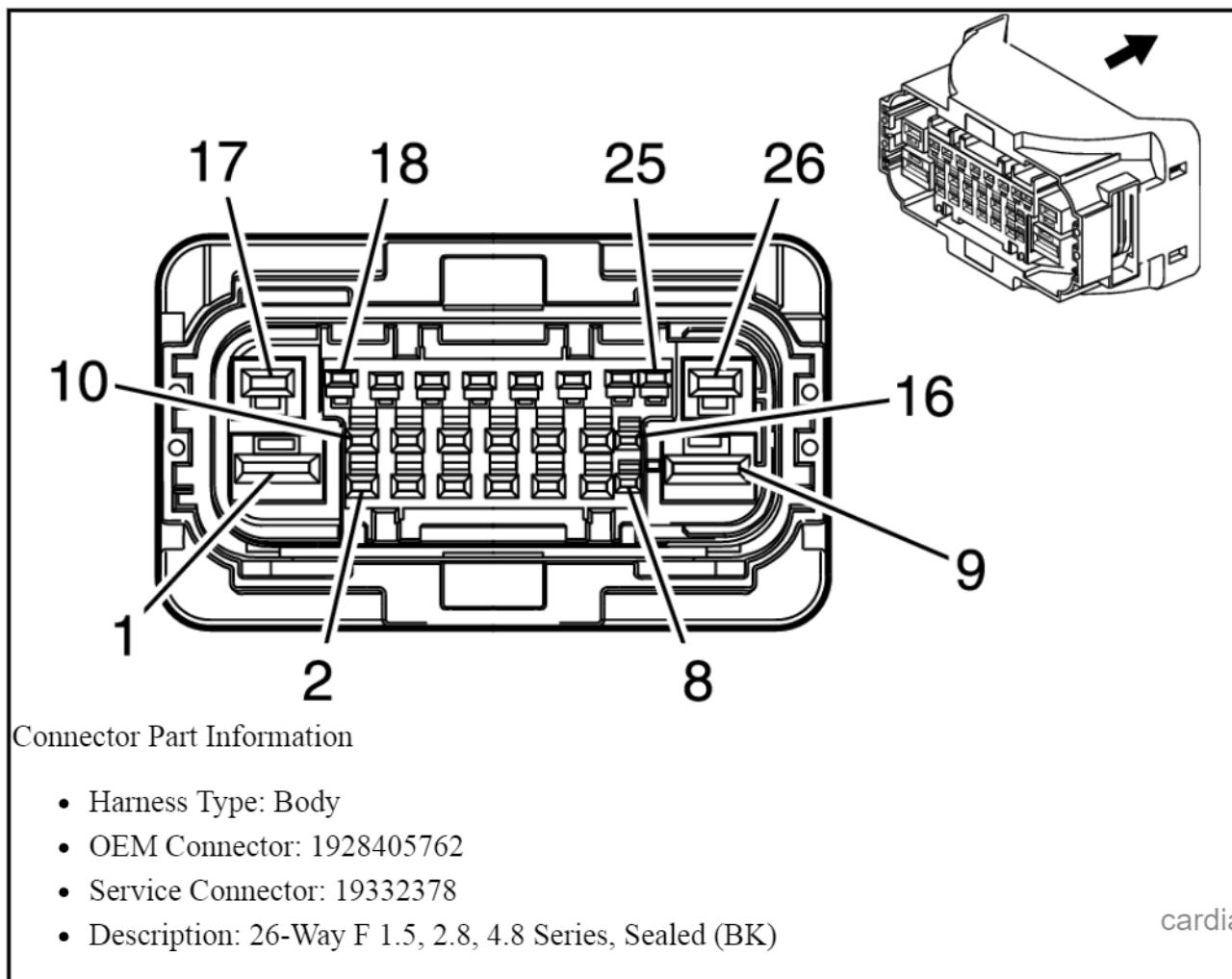
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13576376	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
II	13579750	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D
III	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	VT/WH	1539	Run/Crank Ignition 1 Voltage	III	-
3	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	III	-
4	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
5	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
6	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
7	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
8	2.5	BK	350	Ground	II	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.5	GN/BU	4626	Local Interconnect Network Serial Data Bus 26	III	-
12	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	III	-
13	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	III	-
14	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	III	-
15	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	III	-
16	2.5	RD/GY	642	Battery Positive Voltage	II	-

K177 BRAKE BOOSTER CONTROL MODULE

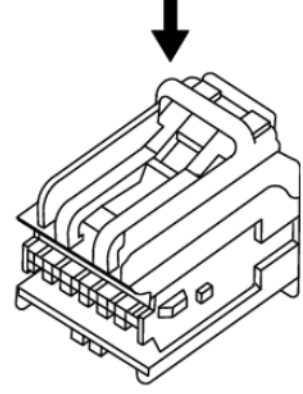
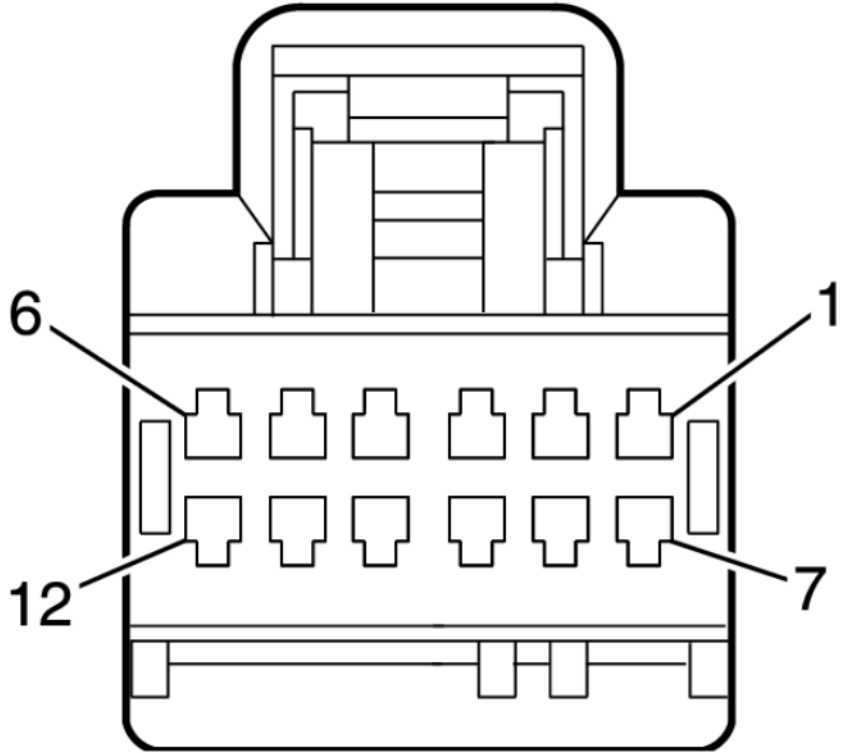


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13584537	J-35616-35 (VT)	J-38125-561	Not Available	Not Available	Not Available	Not Available
II	19330700	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	19333305	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/YE	3042	Battery Positive Voltage	III	-
2	0.5	BU/RD	3335	Brake Pedal Travel Sensor 1 High Reference	I	-
3 - 7	-	-	-	Not Occupied	-	-
8	0.5	BK/GY	3417	Brake Pedal Travel Sensor 1 Low Reference	I	-
9	2.5	BK	650	Ground	III	-
10	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
11	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
12 - 14	-	-	-	Not Occupied	-	-
15	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
16	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
17	1	RD/YE	3040	Battery Positive Voltage	II	-
18	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
19	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
20	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	-
21	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
22	0.35	BU/YE	3334	Brake Pedal Travel Sensor 1 Signal	I	-
23	0.35	VT/BN	3333	Brake Pedal Travel Sensor 2 Signal	I	-
24	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
25	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
26	-	-	-	Not Occupied	-	-

K182 PARKING ASSIST CONTROL MODULE X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 31410-1120
- Service Connector: 89047364
- Description: 12-Way F 0.64 Series, Sealed (BK)

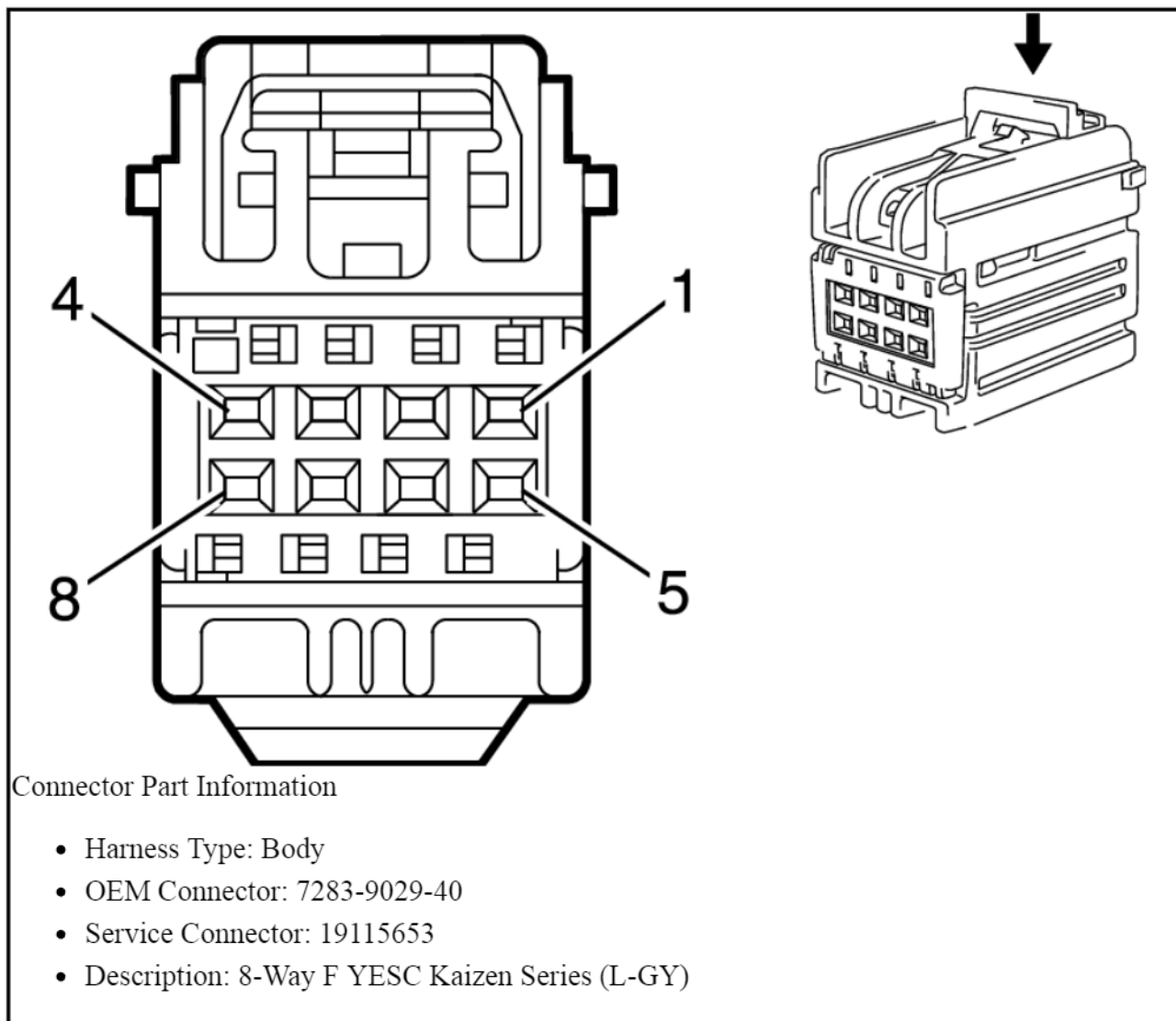
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/WH	5440	Battery Positive Voltage	I	UD5/UD7/UFQ
2	0.5	WH/BU	5986	Serial Data Communication Enable	I	UD5/UD7/UFQ
3	0.5	GN/BN	5852	Rear Park Assist LED Disable Signal	I	UD5/UFQ
4	-	-	-	Not Occupied	-	-
5	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
6	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
7	0.5	BK	1050	Ground	I	-
8	0.5	GY/GN	2555	Rear Park Assist Disable Signal	I	UD5/UFQ
9	0.35	GN	5060	Low Speed GMLAN Serial Data	I	UD5/UD7/UFQ
10	0.35	BU/BN	3161	Parallel Park Assist Disable Switch Signal	I	UFQ
11	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-

K182 PARKING ASSIST CONTROL MODULE X2



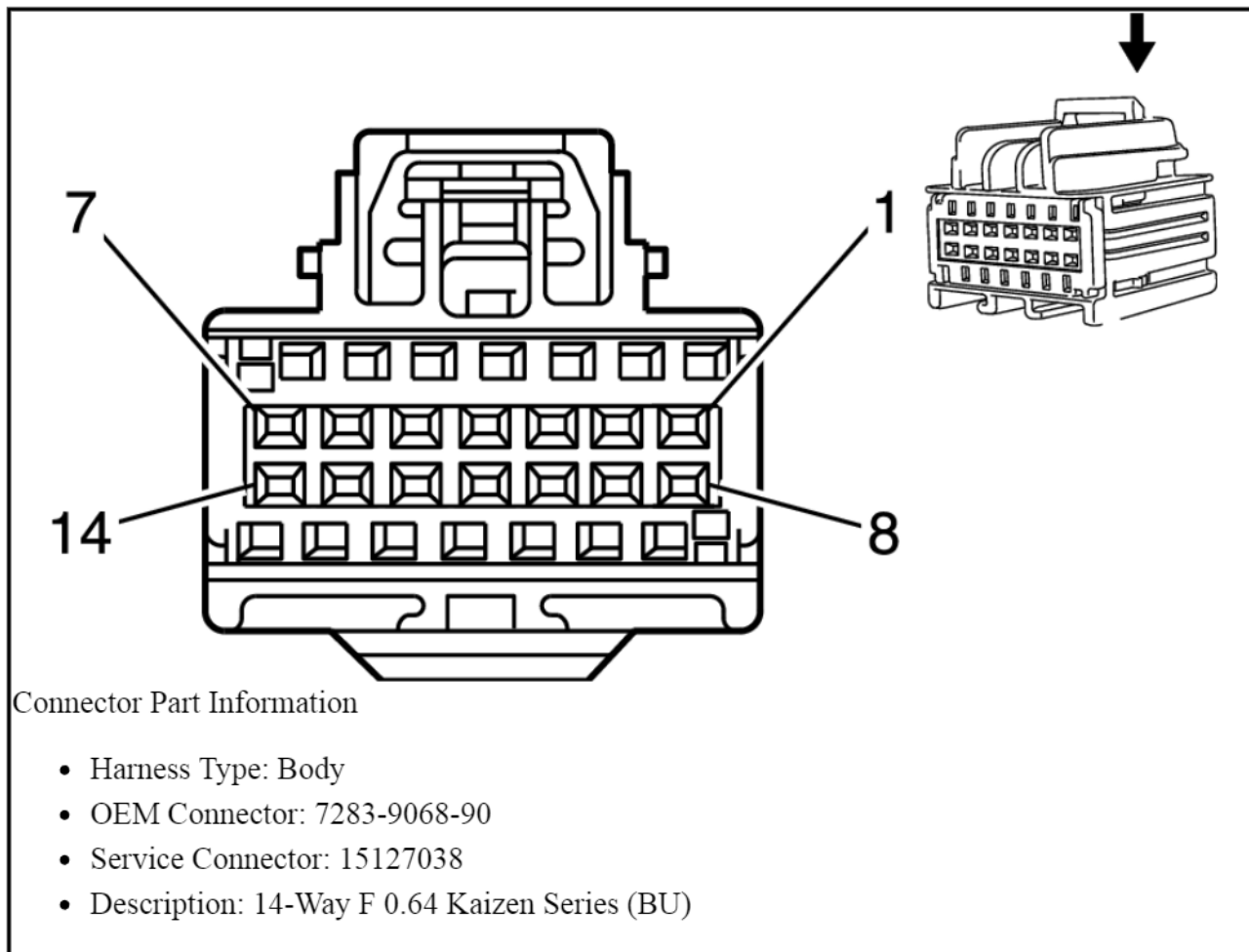
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	2375	Left Rear Corner Object Sensor Signal	I	-
2	0.35	BU	3157	Right Rear Supplemental Object Sensor Signal	I	UFQ
3	-	-	-	Not Occupied	-	-
4	0.35	BN/WH	2374	Object Sensor Control	I	-
5	0.35	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
6	0.35	GN	3156	Left Rear Supplemental Object Sensor Signal	I	UFQ

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	-
8	0.35	BK/GY	2379	Object Sensor Low Reference	I	-

K182 PARKING ASSIST CONTROL MODULE X3



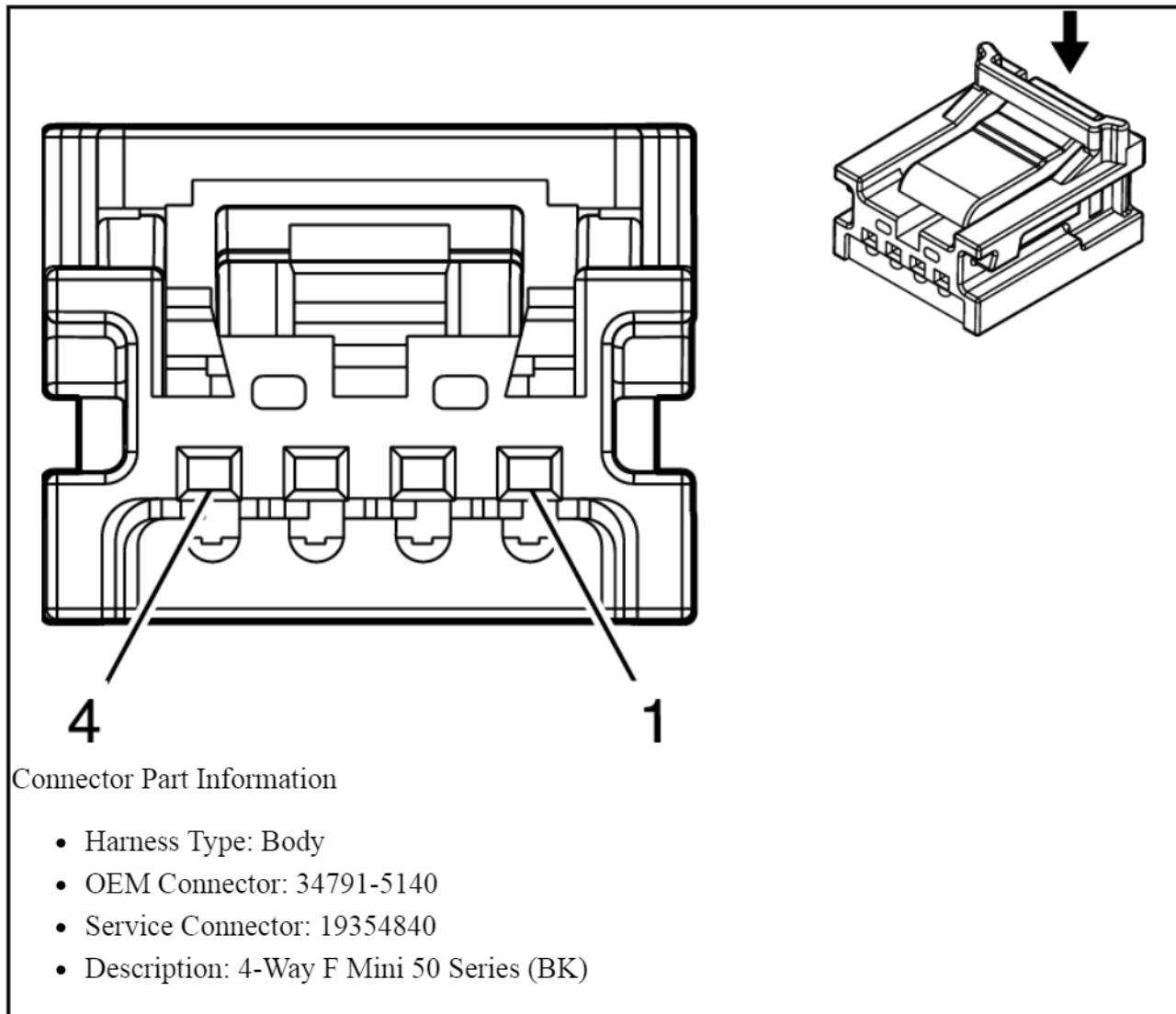
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UD5/UFQ
2	-	-	-	Not Occupied	-	-
3	0.35	GY	3154	Left Front Supplemental Object Sensor Signal	I	UFQ
4	0.35	VT/WH	5215	Front Parking Left Corner Sensor	I	UD5/UFQ
5	0.35	YE/GY	5216	Front Parking Left Mid Sensor	I	UD5/UFQ
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UD5/UFQ
9	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.35	GN	3155	Right Front Supplemental Object Sensor Signal	I	UFQ
11	0.35	WH/GY	5217	Front Parking Right Corner Sensor	I	UD5/UFQ
12	0.35	VT/GY	5218	Front Parking Right Mid Sensor	I	UD5/UFQ
13 - 14	-	-	-	Not Occupied	-	-

K183 UHF SHORT RANGE LOW ENERGY REMOTE CONTROL ACCESS TRANSCEIVER

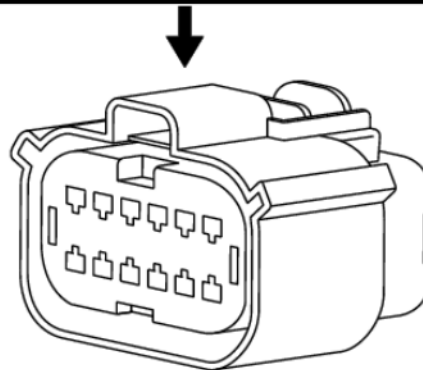
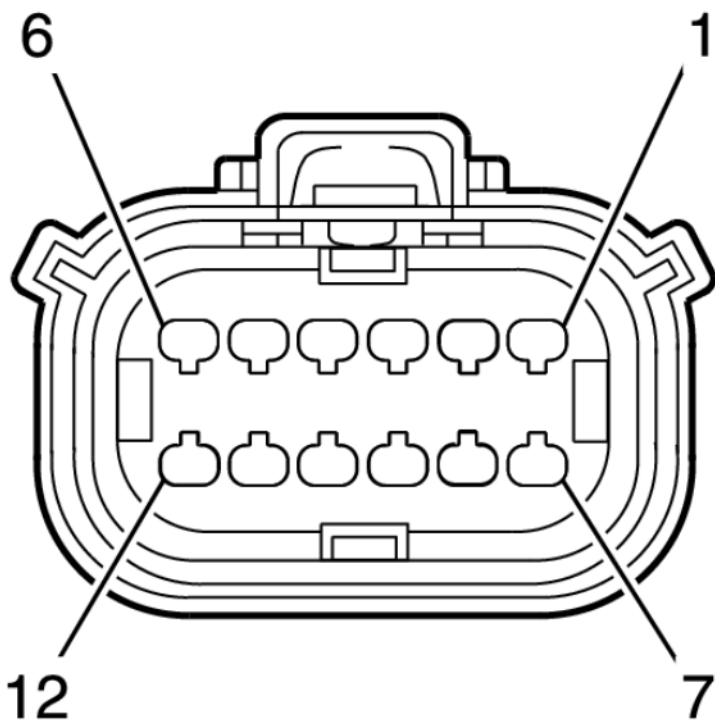


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	EL-35616-58 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BN	5940	Battery Positive Voltage	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	2250	Ground	I	-

K190 POWER LINE COMMUNICATION MODULE X1 (CBT)



Connector Part Information

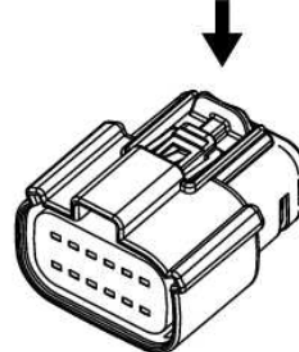
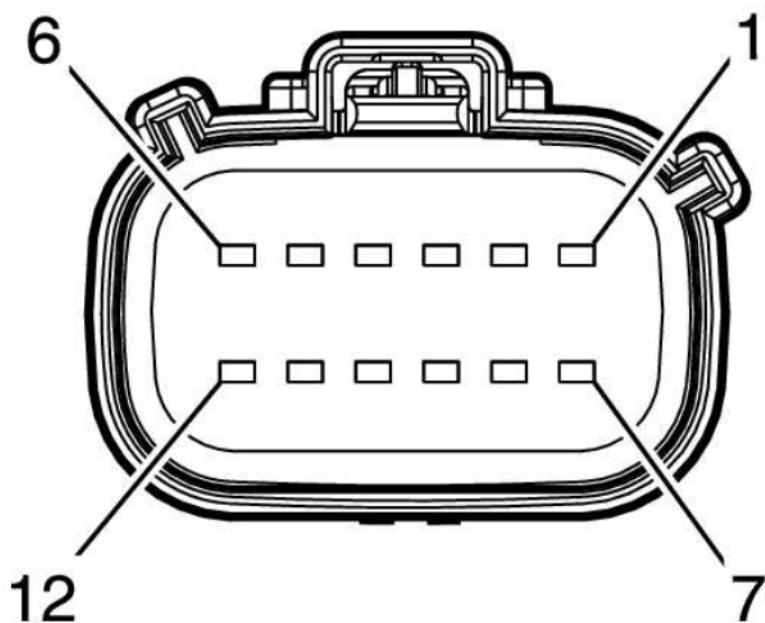
- Harness Type: Body
- OEM Connector: 33472-1216
- Service Connector: 19150019
- Description: 12-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	550	Ground	I	CBT
2	-	-	-	Not Occupied	-	-
3	0.5	BK	550	Ground	I	CBT
4 - 6	-	-	-	Not Occupied	-	-
7	0.5	RD/WH	1040	Battery Positive Voltage	I	CBT
8	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	CBT
9	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	CBT
10	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	CBT
11	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	CBT
12	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	I	CBT

K190 POWER LINE COMMUNICATION MODULE X2 (CBT)



Connector Part Information

- Harness Type: Body
- OEM Connector: 33472-1259
- Service Connector: 19333239
- Description: 12-Way F 150 MX Series, Sealed (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	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/BN	3787	High Voltage Energy Management Communication Control	I	CBT
2	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	CBT
3	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	CBT
4	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	CBT
5	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	CBT
6 - 7	-	-	-	Not Occupied	-	-
8	0.5	GY/GN	3954	Control Pilot Signal 1	I	CBT
9 - 12	-	-	-	Not Occupied	-	-

M6 AIR TEMPERATURE DOOR ACTUATOR

Connector Part Information

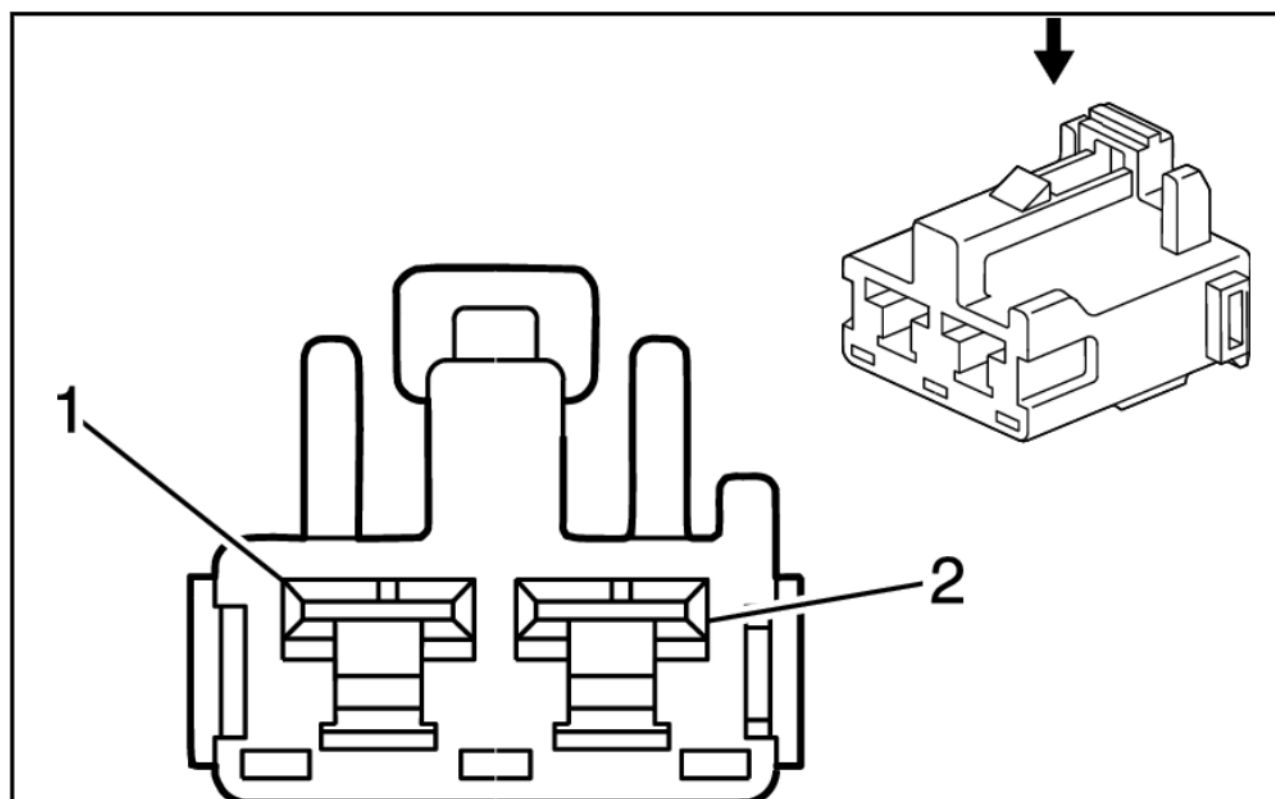
- Harness Type: HVAC
- OEM Connector: 1355881
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BK	3169	Temp Door Stepper Motor Control 1	I	-
	-	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
2	-	BN/VT	7572	HVAC Motor Control	I	-
3	-	VT/GN	3170	Temp Door Stepper Motor Control 2	I	-
	-	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
4	-	YE/GN	3171	Temp Door Stepper Motor Control 3	I	-
	-	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
6	-	GY/BU	3172	Temp Door Stepper Motor Control 4	I	-
	-	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-

M8 BLOWER MOTOR



Connector Part Information

- Harness Type: HVAC Harness

- OEM Connector: 6098-0325
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F TS 187 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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	65	Blower Motor Control	I	-
2	-	VT/BK	5987	Front Blower Motor Low Reference	I	-

M29L HEADLAMP LEVELING ACTUATOR - LEFT (TR6)

Connector Part Information • Harness Type: Left Headlamp • OEM Connector: 13580662 • Service Connector: Service by Harness - See Part Catalog • Description: 1-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT/WH	239	Run/Crank Ignition 1 Voltage	I	-

M29R HEADLAMP LEVELING ACTUATOR - RIGHT (TR6)

Connector Part Information • Harness Type: Right Headlamp • OEM Connector: 13580662 • Service Connector: Service by Harness - See Part Catalog • Description: 1-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT/WH	239	Run/Crank Ignition 1 Voltage	I	-

M37 MODE DOOR ACTUATOR

Connector Part Information

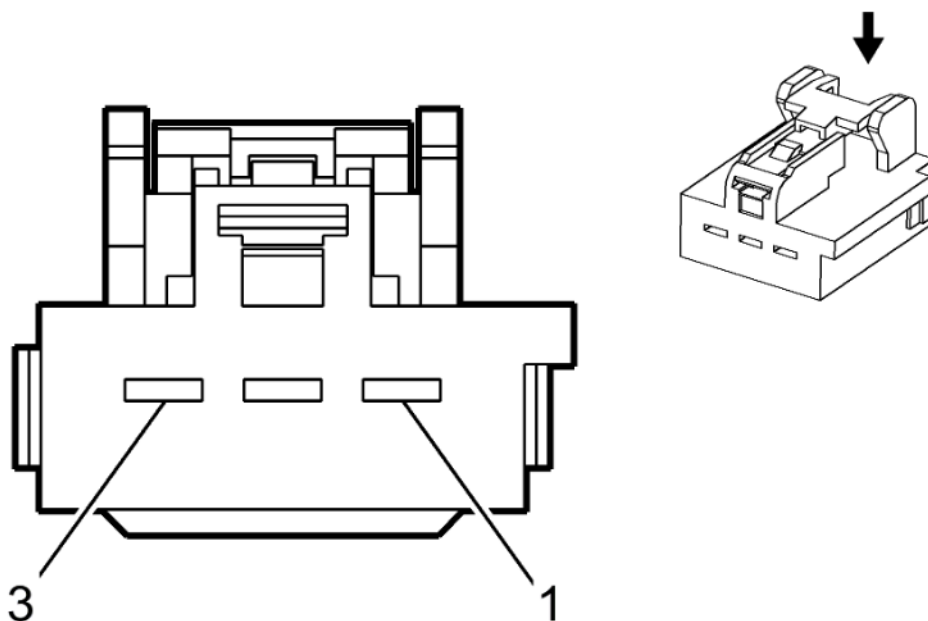
- Harness Type: HVAC
- OEM Connector: 1355881
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU/BN	3167	Mode Door Stepper Motor Control 3	I	-
2	-	BN/VT	7572	HVAC Motor Control	I	-
3	-	GY	3165	Mode Door Stepper Motor Control 1	I	-
4	-	BN	3168	Mode Door Stepper Motor Control 4	I	-
6	-	BN/GN	3166	Mode Door Stepper Motor Control 2	I	-

M45 REAR WIPER MOTOR



Connector Part Information

- Harness Type: Liftgate
- OEM Connector: 7283-5563-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	GY/VT	5780	Windshield Wiper Motor Park Switch Fused Signal	I	-
2	1	BK	1950	Ground	I	-
3	1	BU	393	Rear Window Wiper Motor Control	I	-

M46 AIR RECIRCULATION DOOR ACTUATOR

Connector Part Information

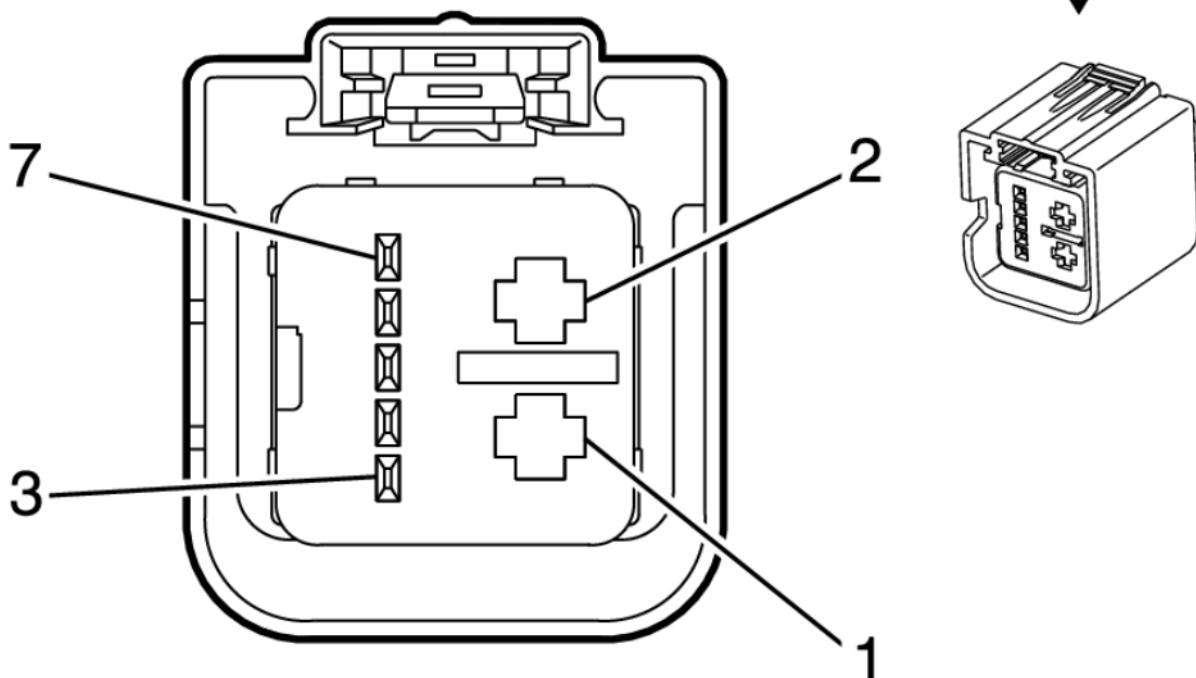
- Harness Type: HVAC
- OEM Connector: 1355881
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU/GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
2	-	BN/VT	7572	HVAC Motor Control	I	-
3	-	BN/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
4	-	YE	3175	Air Inlet Door Stepper Motor Control 3	I	-
6	-	WH	3176	Air Inlet Door Stepper Motor Control 4	I	-

M74D WINDOW MOTOR - DRIVER



Connector Part Information

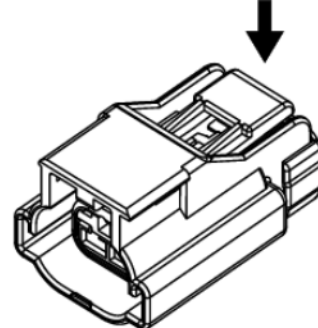
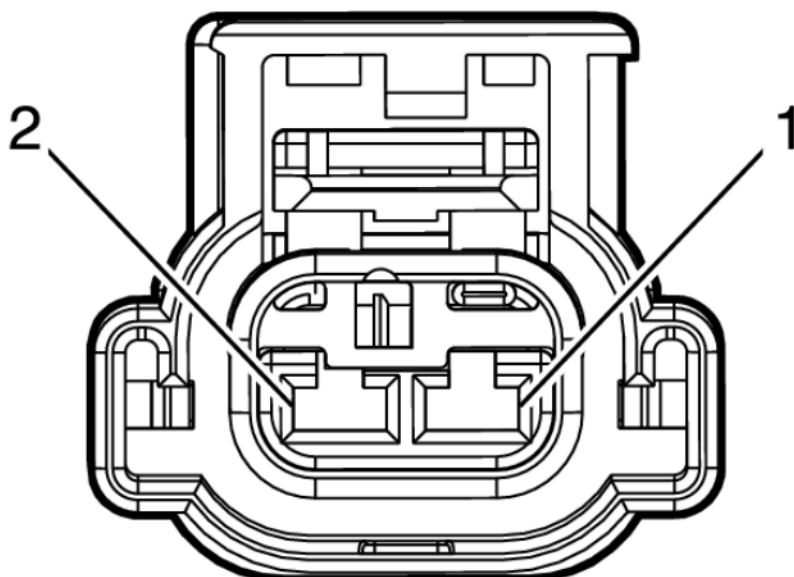
- Harness Type: Driver Door
- OEM Connector: 1-1732115-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 0.64, 2.8 Kaizen Timer Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	BK	650	Ground	I	-
2	2	RD/GN	1540	Battery Positive Voltage	I	-
3	0.5	GN/WH	3379	Power Window Switch Driver Up Signal	II	-
4	0.5	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	-
5	0.5	GN	3381	Power Window Switch Driver Express Signal	II	-
6	0.35	GY	745	Left Front Door Ajar Switch Signal	II	-
7	0.5	GY	3380	Power Window Switch Driver Down Signal	II	-

M74LR WINDOW MOTOR - LEFT REAR



Connector Part Information

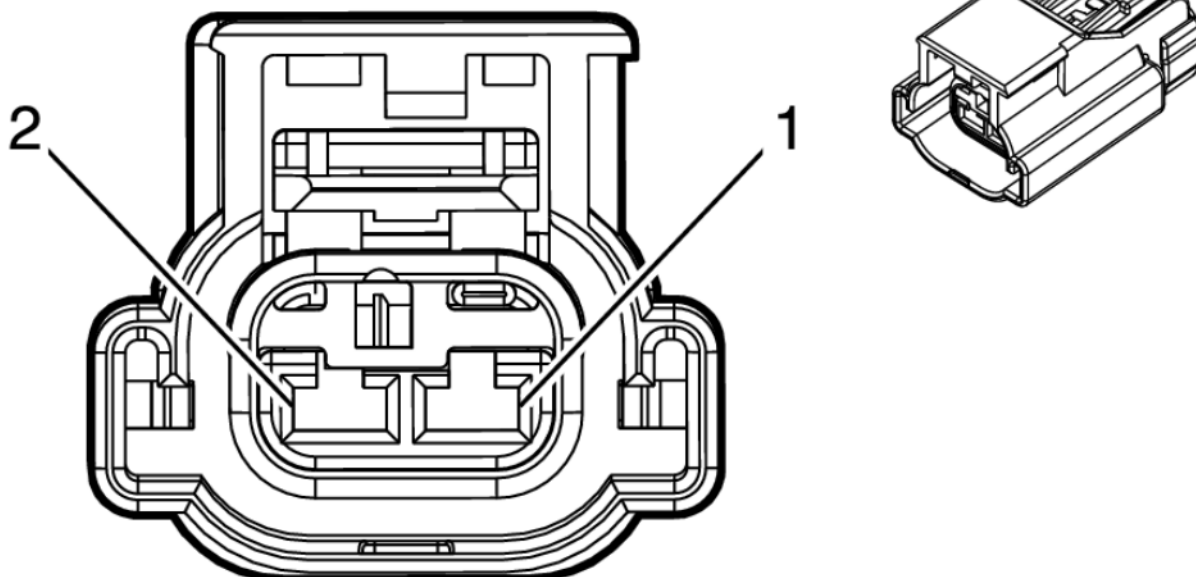
- Harness Type: Left Rear Door
- OEM Connector: 54200220N
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/VT	668	Power Window Motor Left Rear Up Control	I	-
2	1.5	YE/BU	669	Power Window Motor Left Rear Down Control	I	-

M74P WINDOW MOTOR - PASSENGER



Connector Part Information

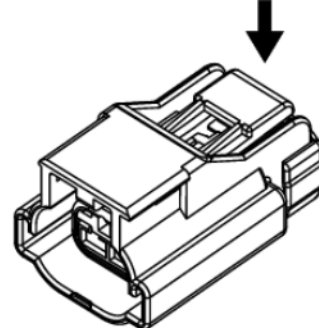
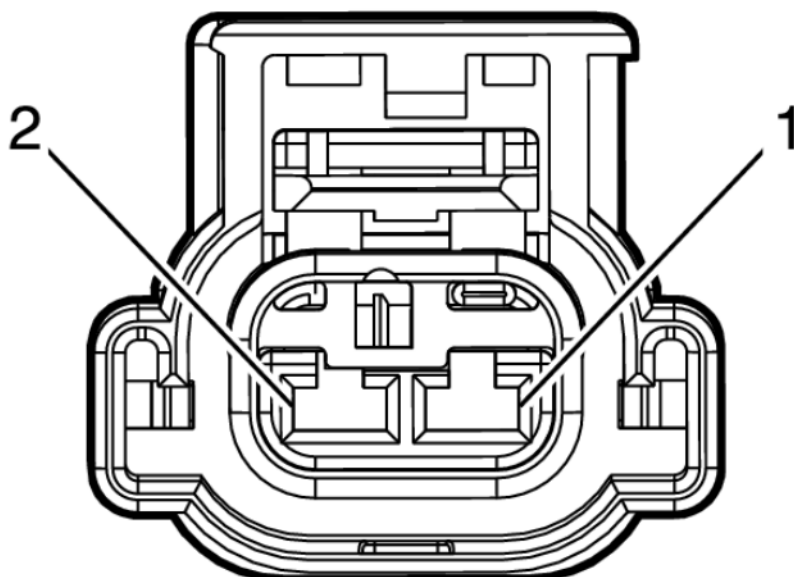
- Harness Type: Passenger Door
- OEM Connector: 54200220N
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/GY	3387	Power Window Motor Passenger Up Control	I	-
2	1.5	YE/BU	3388	Power Window Motor Passenger Down Control	I	-

M74RR WINDOW MOTOR - RIGHT REAR



Connector Part Information

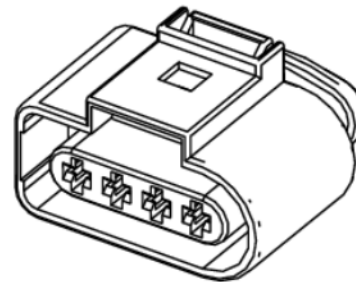
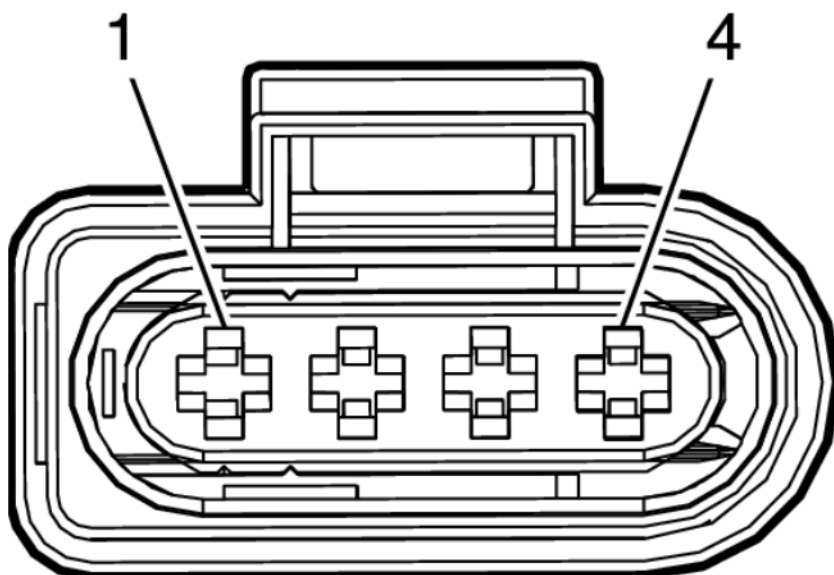
- Harness Type: Right Rear Door
- OEM Connector: 54200220N
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BU/GY	670	Power Window Motor Right Rear Up Control	I	-
2	1.5	GN/BK	671	Power Window Motor Right Rear Down Control	I	-

M75L WINDSHIELD WIPER MOTOR MODULE - LEFT



Connector Part Information

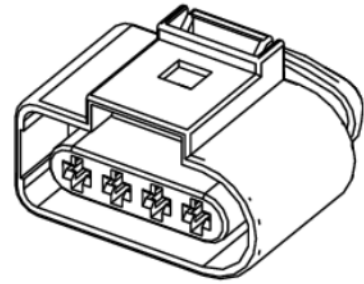
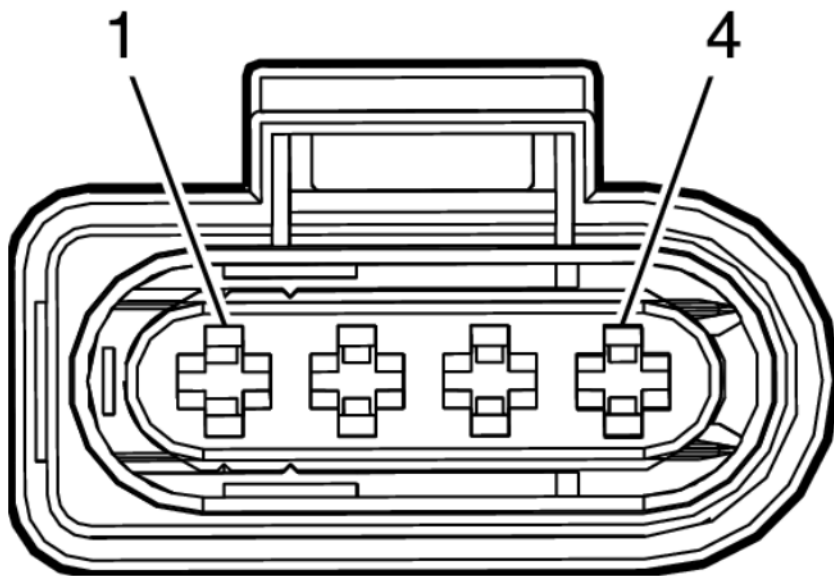
- Harness Type: Body
- OEM Connector: 638245-2
- Service Connector: 88987987
- Description: 4-Way F Junior Power Timer Series (BK)

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-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BN	6132	Local Interconnect Network	I	CE1
	2.5	RD/WH	640	Serial Data Bus 1	I	-CE1
2	0.5	GY	9199	Battery Positive Voltage	I	CE1
	2.5	BK	350	-	I	-CE1
3	2.5	BK	350	Ground	I	CE1
	0.5	GY	9199	-	I	-CE1
4	2.5	RD/WH	640	Battery Positive Voltage	I	CE1
	0.35	GN/BN	6132	Local Interconnect Network	I	-CE1
				Serial Data Bus 1		

M75R WINDSHIELD WIPER MOTOR MODULE - RIGHT



Connector Part Information

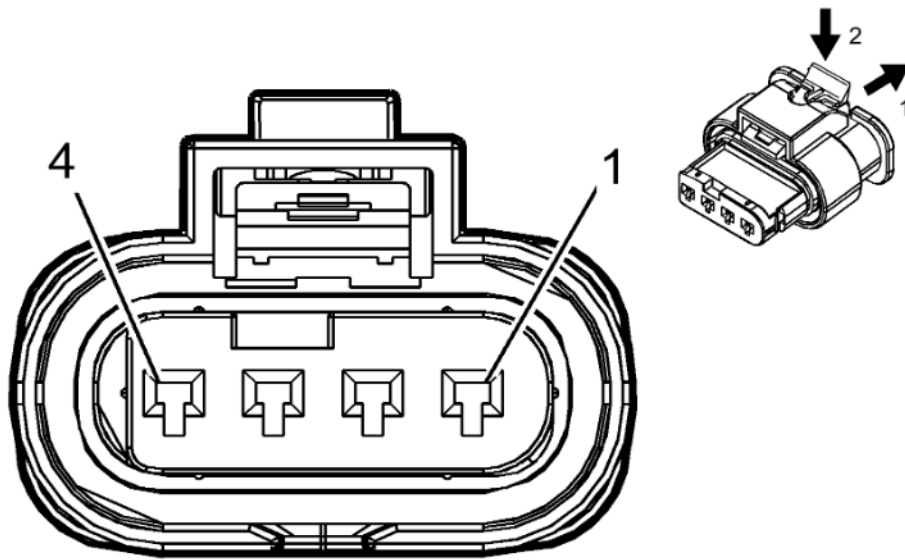
- Harness Type: Body
- OEM Connector: 638245-2
- Service Connector: 88987987
- Description: 4-Way F Junior Power Timer Series (BK)

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-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	9199	-	I	-
2	0.5	GY	91	Windshield Wiper Motor Relay Coil Control	I	-
3	2.5	BK	450	Ground	I	-
4	2.5	RD/WH	640	Battery Positive Voltage	I	-

M96 ACTIVE GRILLE AIR SHUTTER ACTUATOR



Connector Part Information

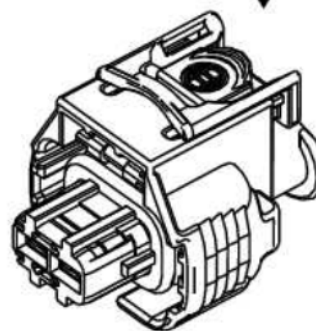
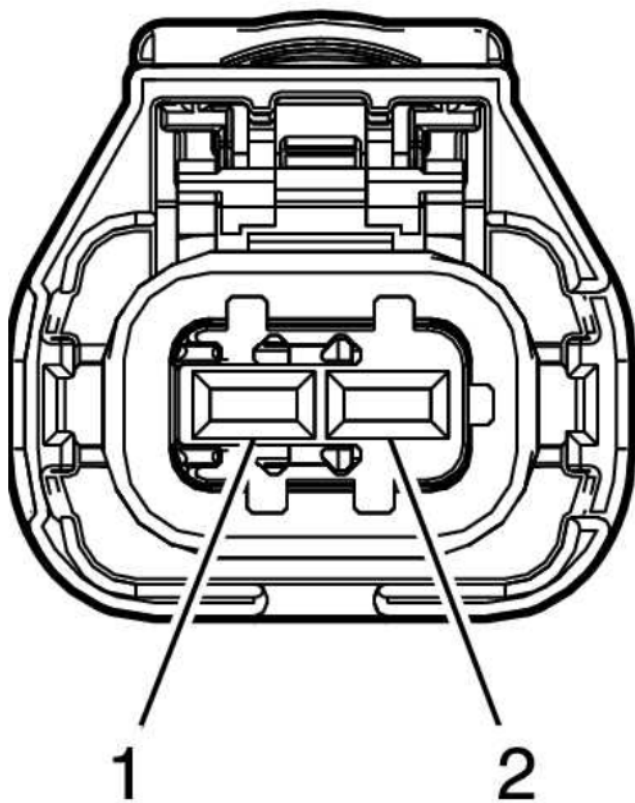
- Harness Type: Engine
- OEM Connector: 4-2272005-2
- Service Connector: 19352416
- Description: 4-Way F 1.2 MCON Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5705	Powertrain Main Relay Fused Control 6	I	-
2	0.5	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	BK	350	Ground	I	-

M104L PARK BRAKE ACTUATOR - LEFT



Connector Part Information

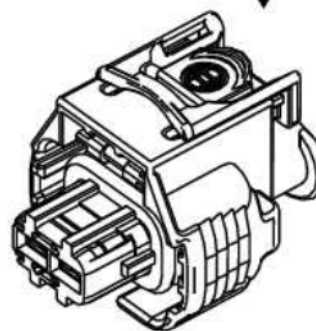
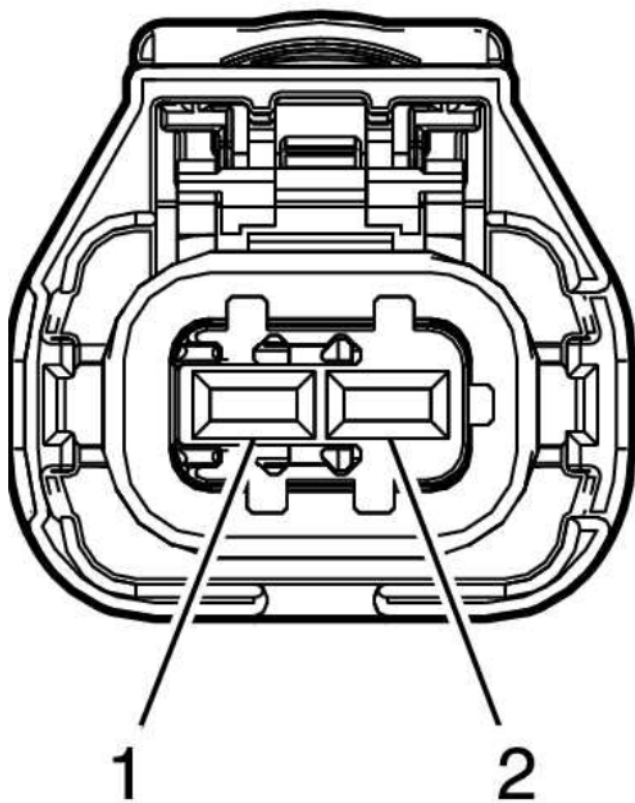
- Harness Type: Body
- OEM Connector: 1928405715
- Service Connector: 19299882
- Description: 2-Way F 2.8 Series, Sealed (BK)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	WH	2001	Park Brake Motor Apply Left Rear Control	I	-
2	2.5	GY/BK	4369	Park Brake Motor Low Reference Left Rear	I	-

M104R PARK BRAKE ACTUATOR - RIGHT



Connector Part Information

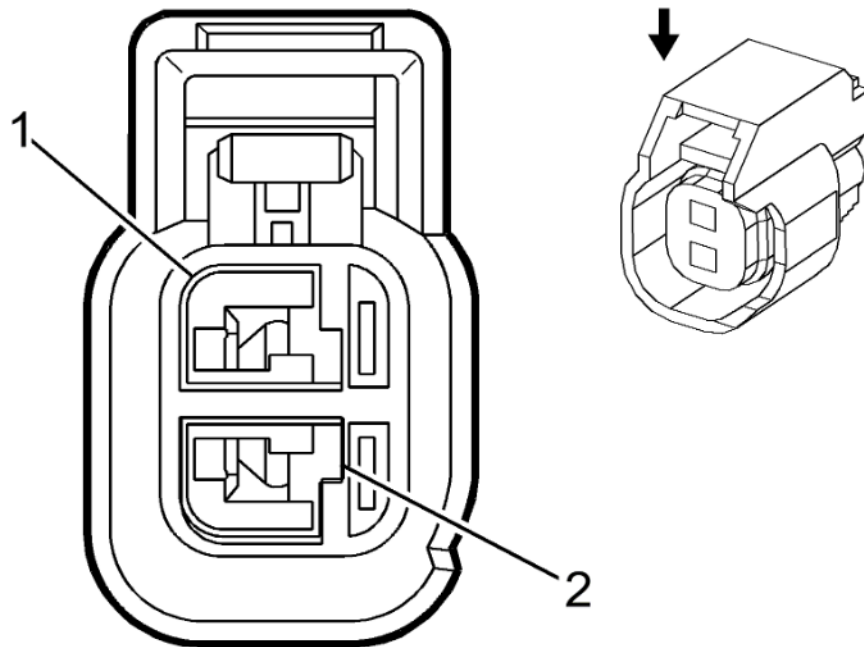
- Harness Type: Body
- OEM Connector: 1928405715
- Service Connector: 19299882
- Description: 2-Way F 2.8 Series, Sealed (BK)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	GN/VT	1988	Park Brake Motor Apply Right Rear Control	I	-
2	2.5	GY	4368	Park Brake Motor Low Reference Right Rear	I	-

P12L HORN - LEFT



Connector Part Information

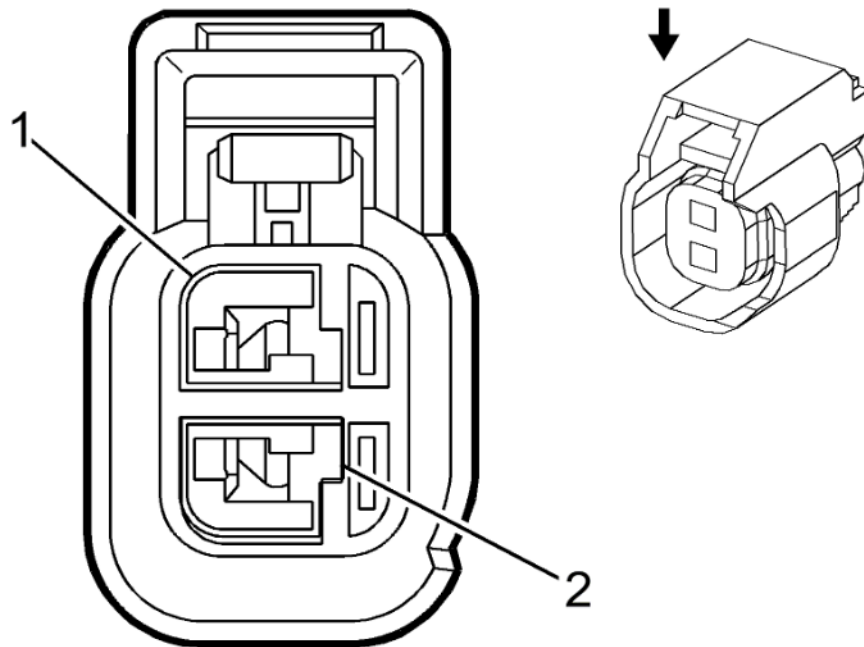
- Harness Type: Forward Lamp
- OEM Connector: E-6171-001
- Service Connector: 13585854
- Description: 2-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	50	Ground	I	-
2	0.75	BN/GY	29	Horn Control	I	-

P12R HORN - RIGHT



Connector Part Information

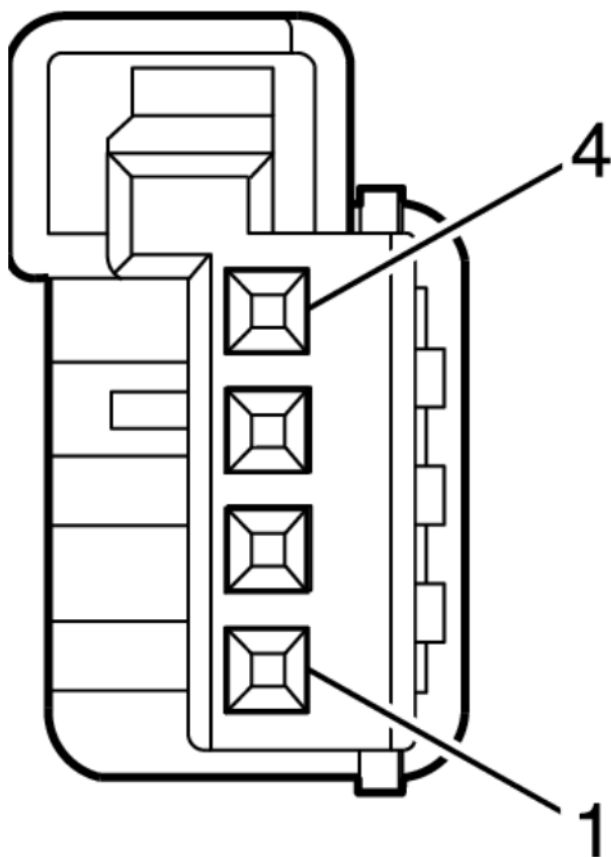
- Harness Type: Forward Lamp
- OEM Connector: E-6171-001
- Service Connector: 13585854
- Description: 2-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	250	Ground	I	-
2	1	BN/GY	29	Horn Control	I	-

P14 PASSENGER AIR BAG DISABLED INDICATOR



Connector Part Information

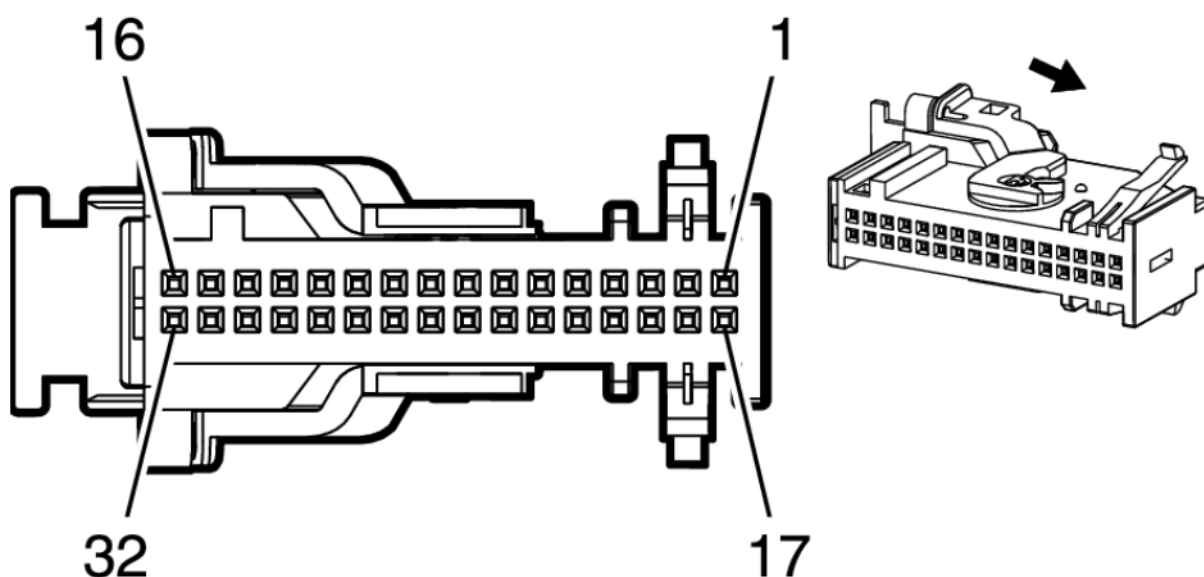
- Harness Type: Headliner
- OEM Connector: 1379029-5
- Service Connector: 19119349
- Description: 4-Way F 0.64 Micro-Quadlock Series (GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	550	Ground	I	AY0/AYF
2	0.35	BU	2307	Passenger Air Bag On Indicator Control	I	-
3	0.35	GN	2308	Passenger Air Bag Off Indicator Control	I	-
4	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	I	AY0/AYF

P16 INSTRUMENT CLUSTER



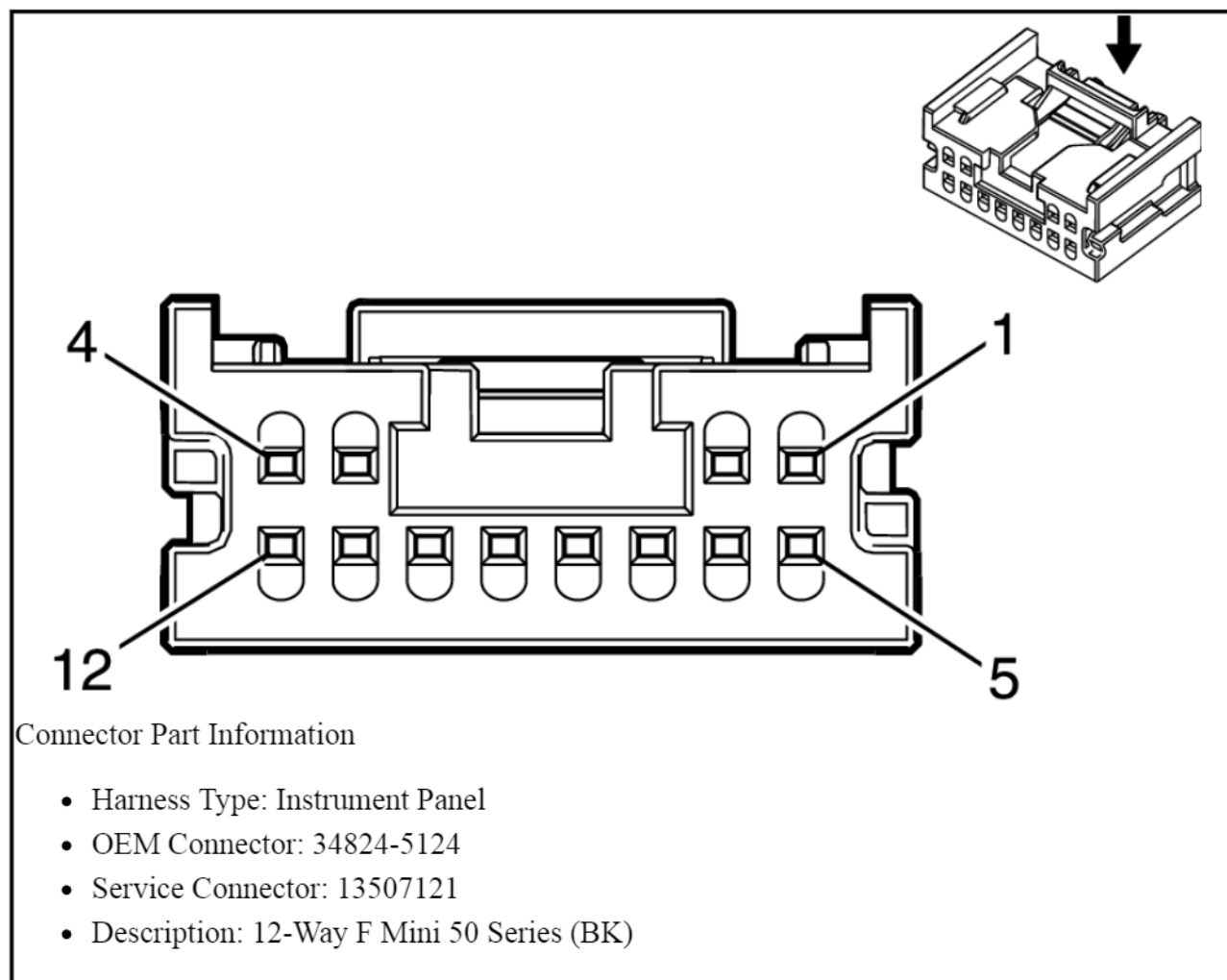
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 968265-1
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock 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	13575859	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	7217	Ethernet Bus 7 (+)	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.35	RD/VT	6340	Battery Positive Voltage	I	-
8	0.35	VT/WH	2439	Run/Crank Ignition 1 Voltage	I	-
9 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.35	BN/WH	419	Check Engine Indicator Control	I	-
17	0.35	WH	7216	Ethernet Bus 7 (-)	I	-
18	-	-	-	Not Occupied	-	-
19	0.35	BK	1250	Ground	I	-
20	0.5	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
21 - 29	-	-	-	Not Occupied	-	-
30	0.35	WH/GN	3535	Reflected LED Display Dimming Control	I	-
31 - 32	-	-	-	Not Occupied	-	-



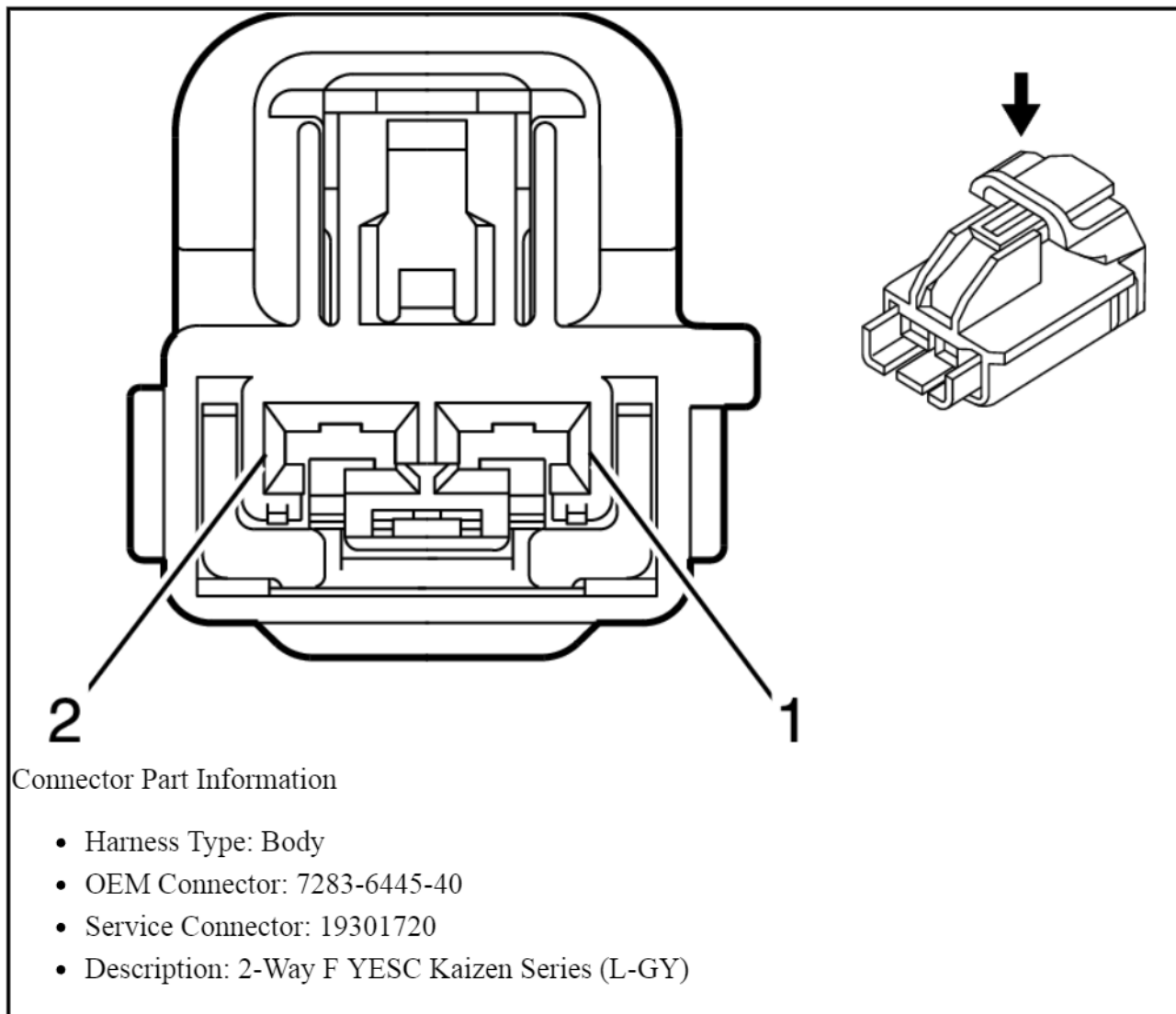
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575568	EL-35616-58 (BK)	No Tool Required	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	I	-
2	0.35	WH	2811	Radio Display Diagnostic Signal	I	-
3	0.35	GN/BK	2805	Radio Keypad Ground Return	I	-
4	0.35	BU/RD	2807	Radio Keypad Voltage Reference	I	-
5	0.35	BN	2814	Radio Display Low Voltage Differential Signaling Lock Signal	I	-
6	0.35	GY/VT	2812	Radio Display Low Voltage Differential Signaling Error Signal	I	-
7	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	-
8	0.35	BK/GN	2804	Radio Display Backlight Low Reference	I	-
9	0.35	BK/WH	351	Signal Ground	I	-
10	0.35	BK/WH	451	Signal Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BK/YE	2806	Radio Keypad Low Reference	I	-
12	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	-

P19AC SPEAKER - SUBWOOFER (UQA)

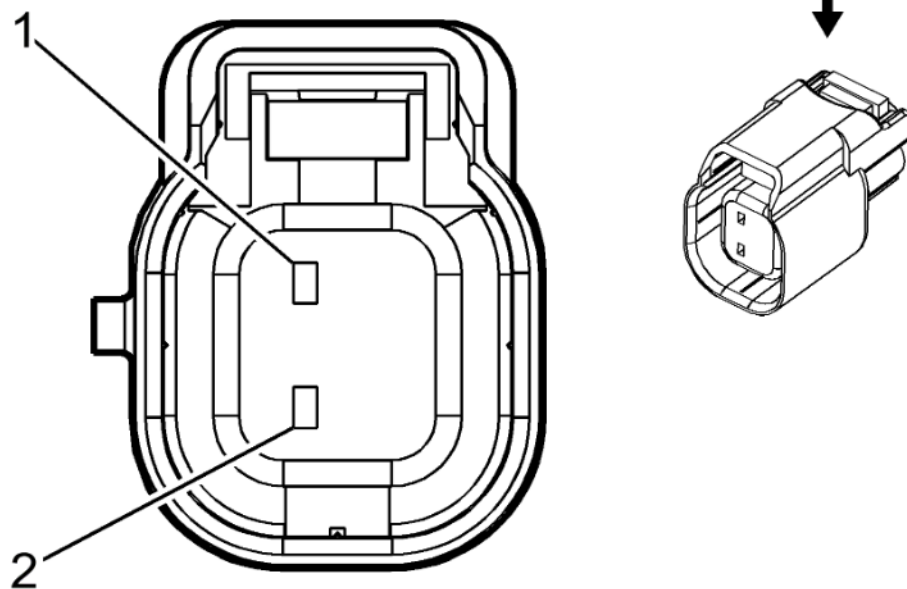


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	UQA
2	2	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	UQA

P19AG SPEAKER - LEFT FRONT DOOR (UQ3)



Connector Part Information

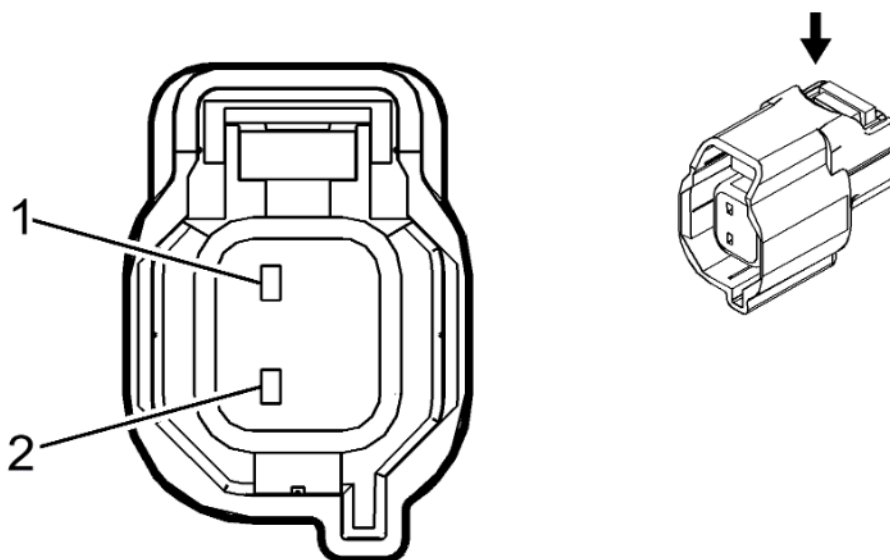
- Harness Type: Driver Door
- OEM Connector: 34062-0046
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	UQ3
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	UQ3

P19AG SPEAKER - LEFT FRONT DOOR (UQA)



Connector Part Information

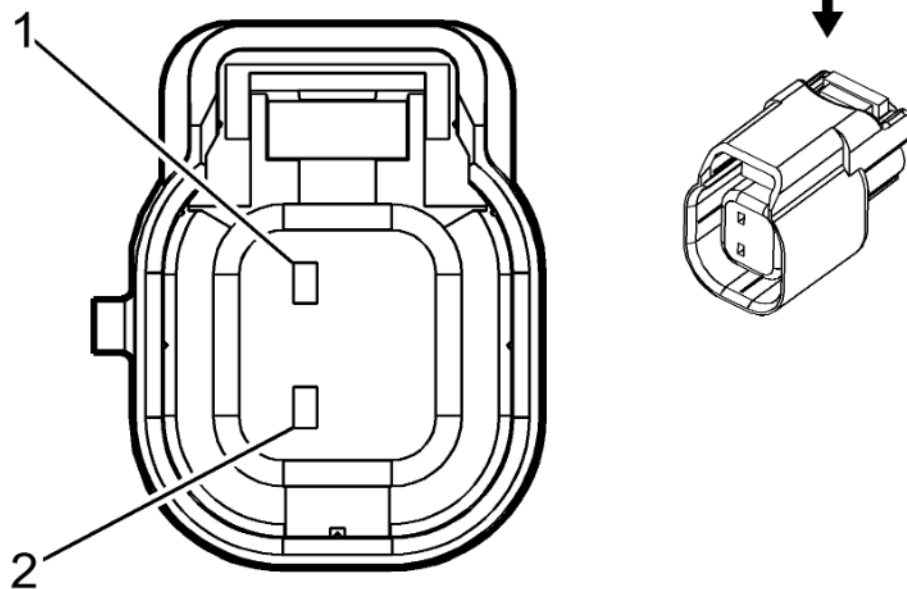
- Harness Type: Driver Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	UQA
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	UQA

P19AH SPEAKER - RIGHT FRONT DOOR (UQ3)



Connector Part Information

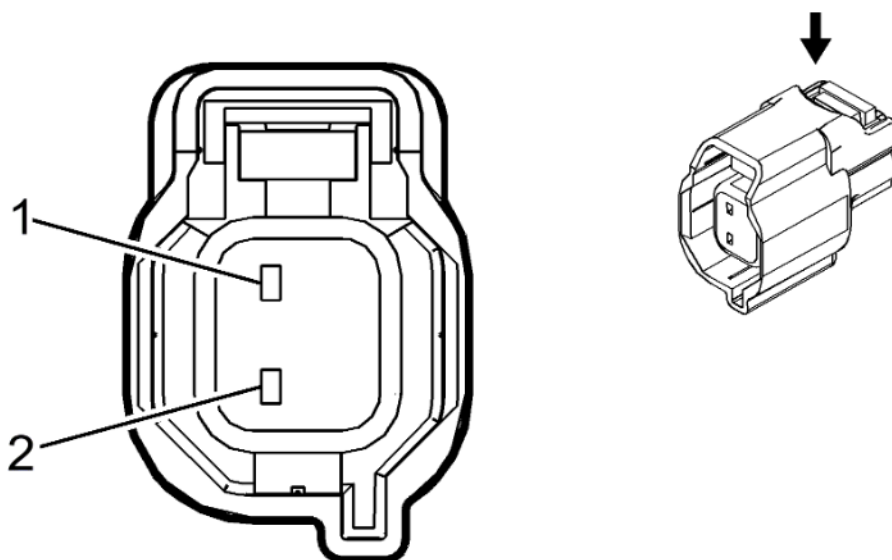
- Harness Type: Passenger Door
- OEM Connector: 34062-0046
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	UQ3
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	UQ3

P19AH SPEAKER - RIGHT FRONT DOOR (UQA)



Connector Part Information

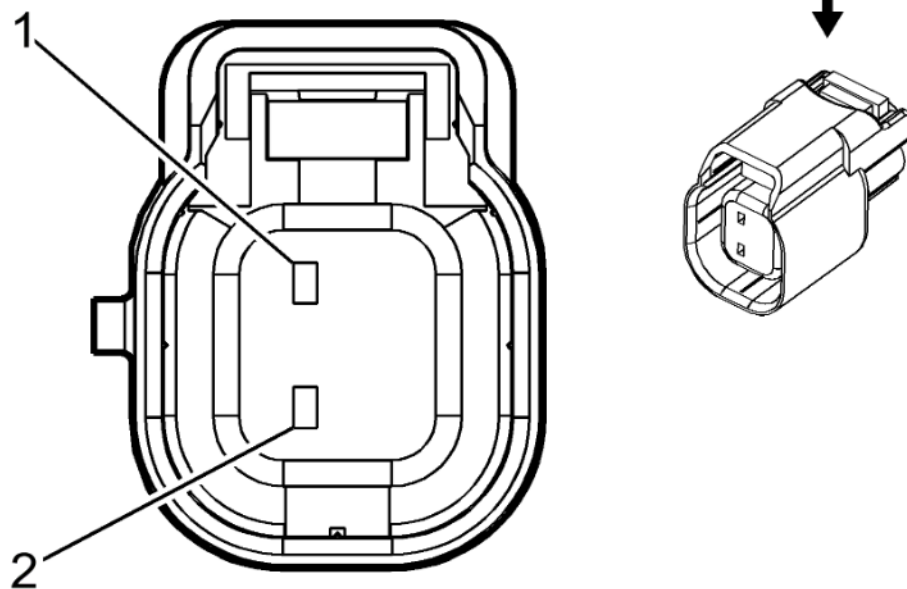
- Harness Type: Passenger Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	UQA
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	UQA

P19AL SPEAKER - LEFT REAR DOOR (UQ3)



Connector Part Information

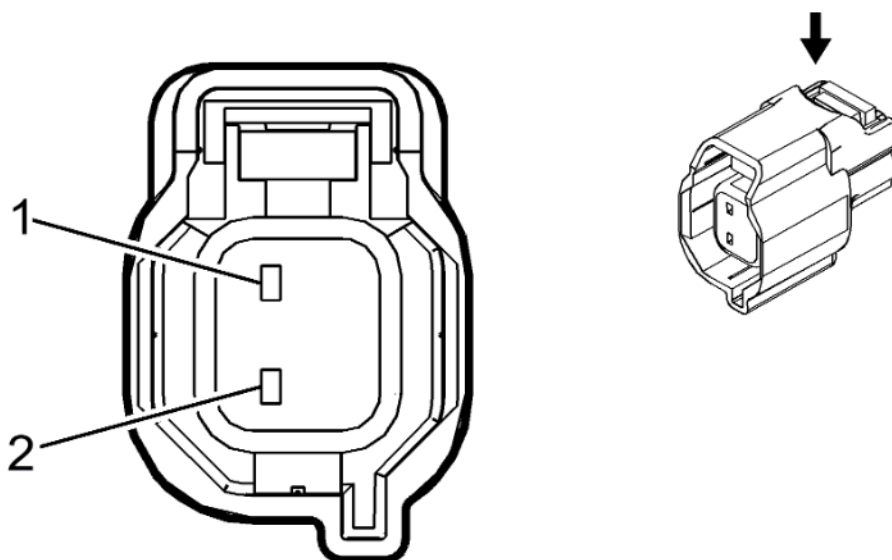
- Harness Type: Left Rear Door
- OEM Connector: 34062-0046
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UQ3
2	0.75	GN	199	Left Rear Speaker Control (+)	I	UQ3

P19AL SPEAKER - LEFT REAR DOOR (UQA)



Connector Part Information

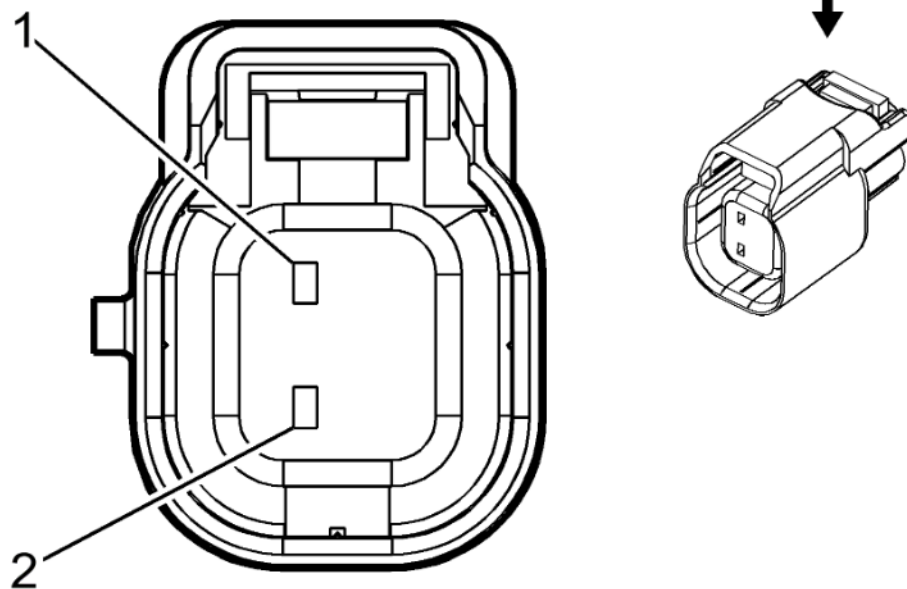
- Harness Type: Left Rear Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UQA
2	0.75	GN	199	Left Rear Speaker Control (+)	I	UQA

P19AM SPEAKER - RIGHT REAR DOOR (UQ3)



Connector Part Information

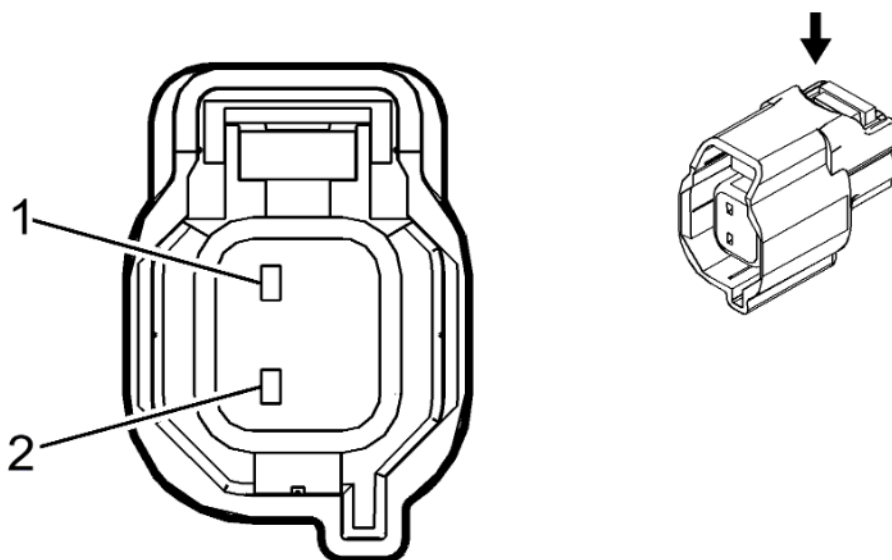
- Harness Type: Right Rear Door
- OEM Connector: 34062-0046
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	UQ3
2	0.75	WH	46	Right Rear Speaker Control (+)	I	UQ3

P19AM SPEAKER - RIGHT REAR DOOR (UQA)



Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

Terminal Part Information

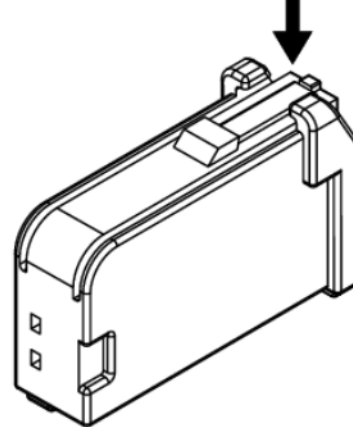
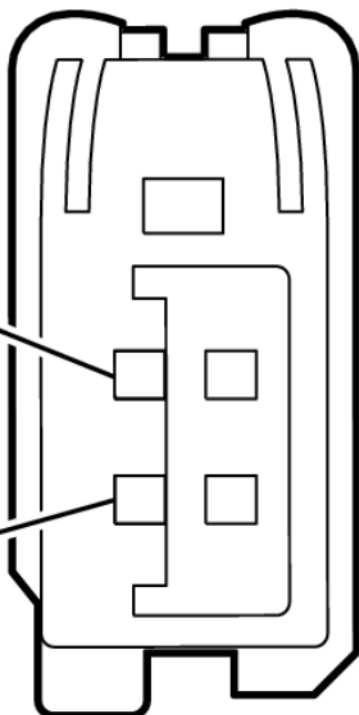
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	UQA
2	0.75	WH	46	Right Rear Speaker Control (+)	I	UQA

P19H SPEAKER - LEFT FRONT TWEETER (UQA)

2

1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: AIT2PB-02G-1AK
- Service Connector: 13585901
- Description: 2-Way F 0.64 Series (BK)

Terminal Part Information

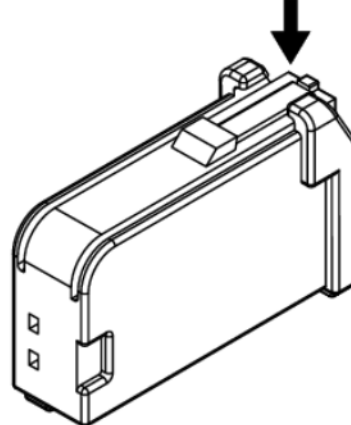
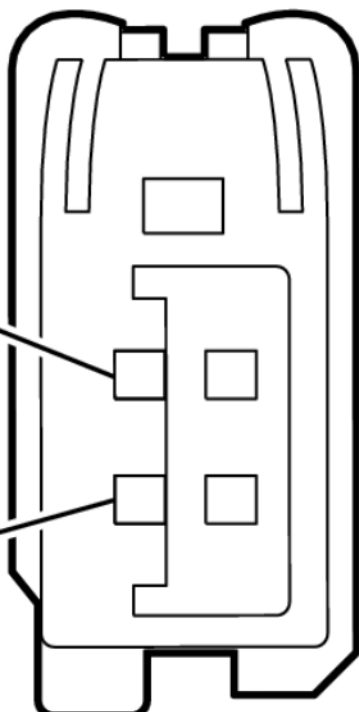
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	-

P19V SPEAKER - RIGHT FRONT TWEETER (UQA)

2

1



Connector Part Information

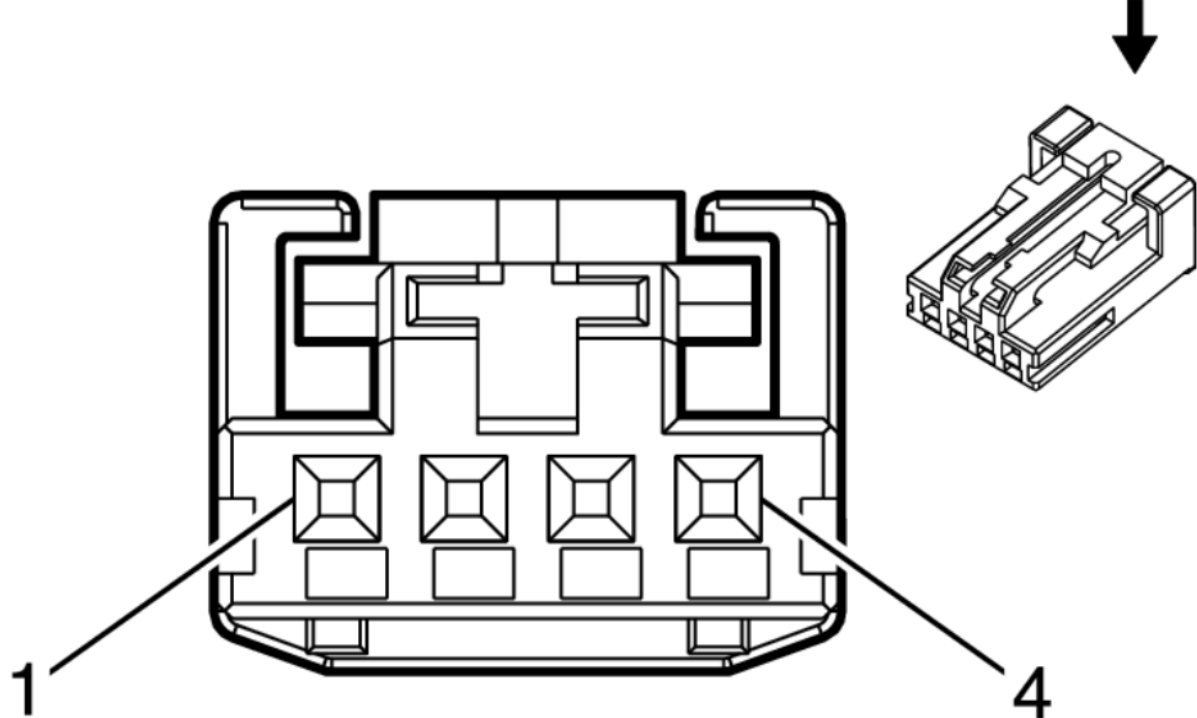
- Harness Type: Instrument Panel
- OEM Connector: AIT2PB-02G-1AK
- Service Connector: 13585901
- Description: 2-Way F 0.64 Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	-

P43 COLLISION ALERT INDICATORS (UEU/UHX/UHY/UVX)



Connector Part Information

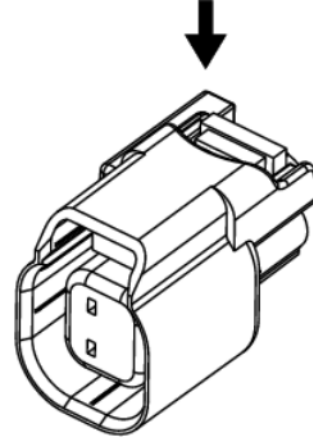
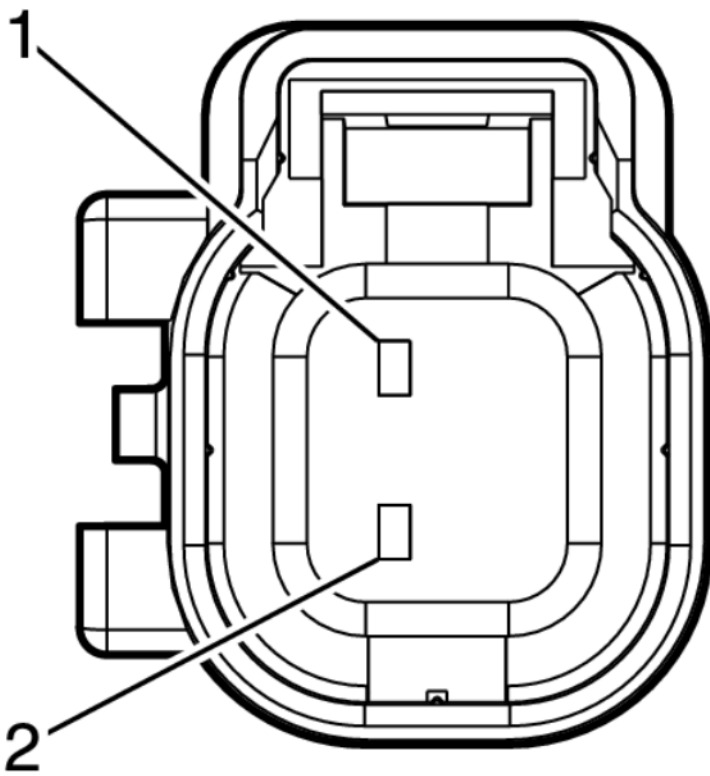
- Harness Type: Instrument Panel
- OEM Connector: 936119-1
- Service Connector: 13587297
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
2	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	-
3	0.35	WH/GN	3535	Reflected LED Display Dimming Control	I	-
4	0.5	BK	1250	Ground	I	-

P48 PEDESTRIAN ALERT SOUND SPEAKER



Connector Part Information

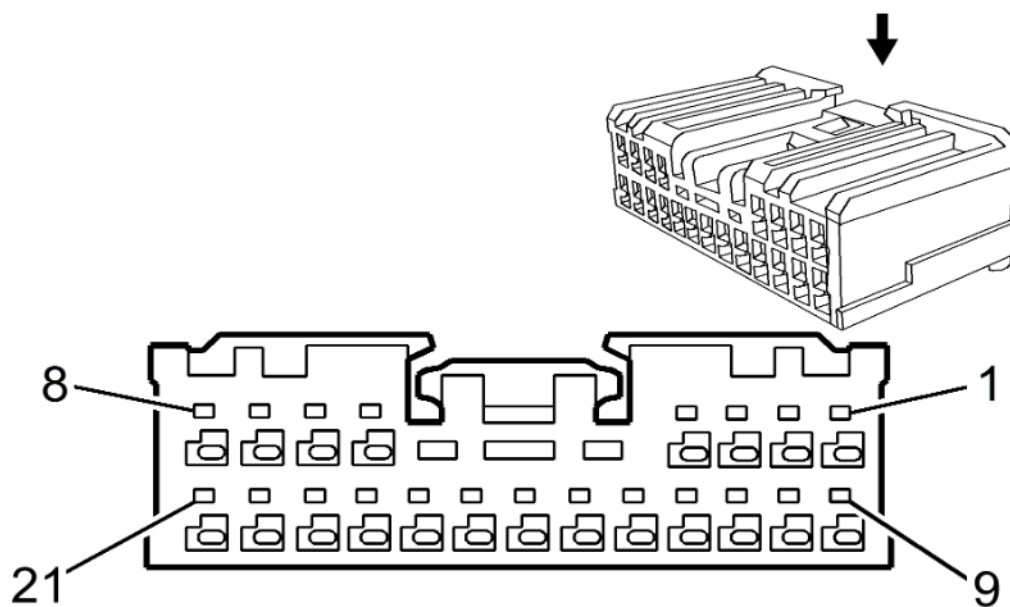
- Harness Type: Forward Lamp
- OEM Connector: 34062-0033
- Service Connector: 19332516
- Description: 2-Way F 1.5 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/GN	4338	Pedestrian Friendly Alert Speaker Control (+)	I	-
2	0.5	VT/BN	4337	Pedestrian Friendly Alert Speaker Control (-)	I	-

S3 TRANSMISSION SHIFT LEVER



Connector Part Information

- Harness Type: Floor Console
- OEM Connector: ATLCPB-21-2BH
- Service Connector: Service by Harness - See Part Catalog
- Description: 21-Way F 0.64 Series (GY)

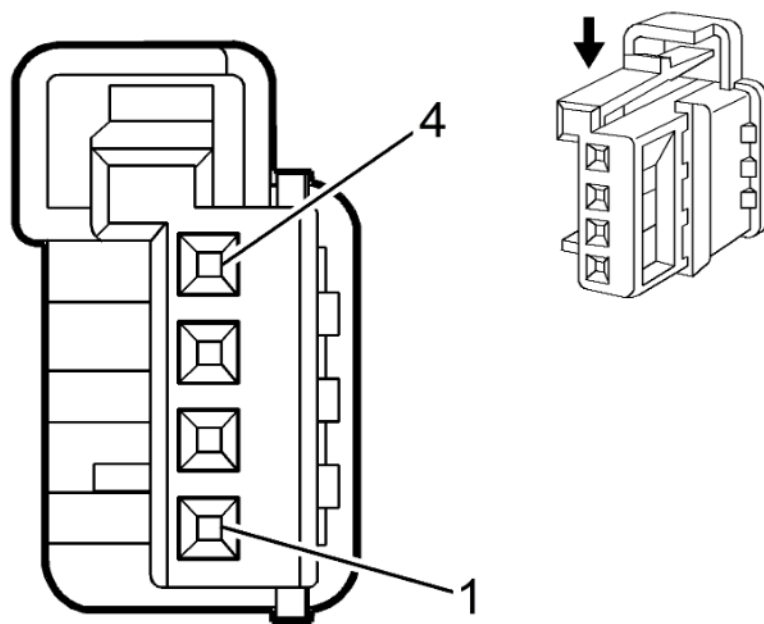
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BU	2633	Transmission Shifter Position Sensor 2 Alpha Signal	I	-
2	0.5	BK/GN	2636	Transmission Shifter Position Sensor 2 Low Reference	I	-
3	0.5	PU/BU	2634	Transmission Shifter Position Sensor 2 Beta Signal	I	-
4	0.5	GN/RD	2635	Transmission Shifter Position Sensor 2 Voltage Reference	I	-
5	-	-	-	Not Occupied	-	-
6	0.5	RD/GN	1840	Battery Positive Voltage	I	-
7	0.5	GN/GY	4120	Local Interconnect Network Serial Data Bus 20	I	-
8	0.35	BK	1650	Ground	I	-
9	0.5	PU/GN	2629	Transmission Shifter Park Position Switch 1 Signal	I	-
10	0.5	BK/GY	2630	Transmission Shifter Park Position Switch 1 Return	I	-
11	0.5	WH/GY	2631	Transmission Shifter Park Position Switch 2 Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	BK/PU	2632	Transmission Shifter Park Position Switch 2 Return	I	-
13	0.5	BU/RD	2646	Transmission Shifter Position Sensor 1 Voltage Reference	I	-
14	0.5	YE/BN	2644	Transmission Shifter Position Sensor 1 Alpha Signal	I	-
15	0.5	BK/BU	2647	Transmission Shifter Position Sensor 1 Low Reference	I	-
16	0.5	PU/BN	2645	Transmission Shifter Position Sensor 1 Beta Signal	I	-
17	-	-	-	Not Occupied	-	-
18	0.5	BK/BN	2649	Transmission Shift Interlock Switch 1 Return	I	-
19	0.5	WH	2648	Transmission Shift Interlock Switch 1 Signal	I	-
20	0.5	BK/GN	2655	Transmission Shift Interlock Switch 2 Return	I	-
21	0.5	WH/GN	2654	Transmission Shift Interlock Switch 2 Signal	I	-

S13D DOOR LOCK SWITCH - DRIVER



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 1379029-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

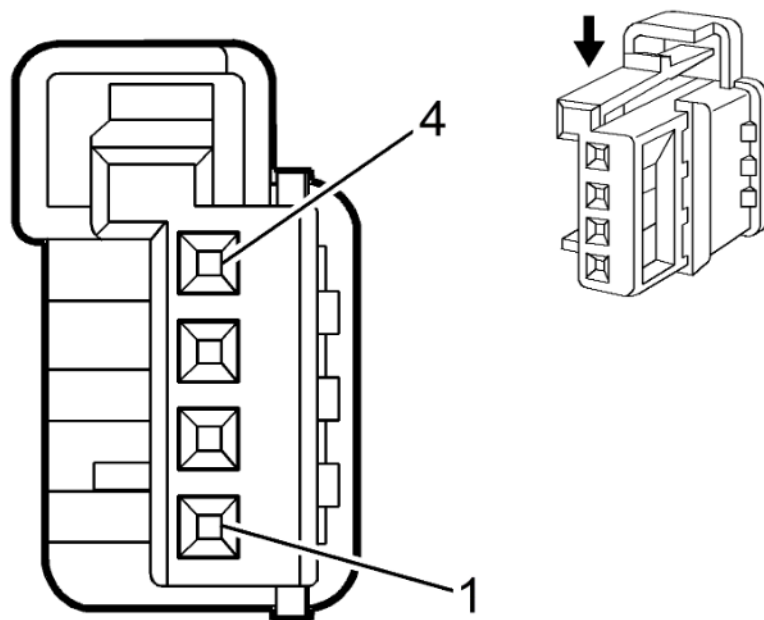
Terminal Part Information

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

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	6817	LED Backlight Dimming Control	I	-
2	0.5	BN/YE	780	Driver Door Lock Switch Lock Signal	I	-
3	0.5	BN/WH	781	Driver Door Lock Switch Unlock Signal	I	-
4	0.5	BK	550	Ground	I	-

S13P DOOR LOCK SWITCH - PASSENGER



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 1379029-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64 Micro-Quadlock Series (WH)

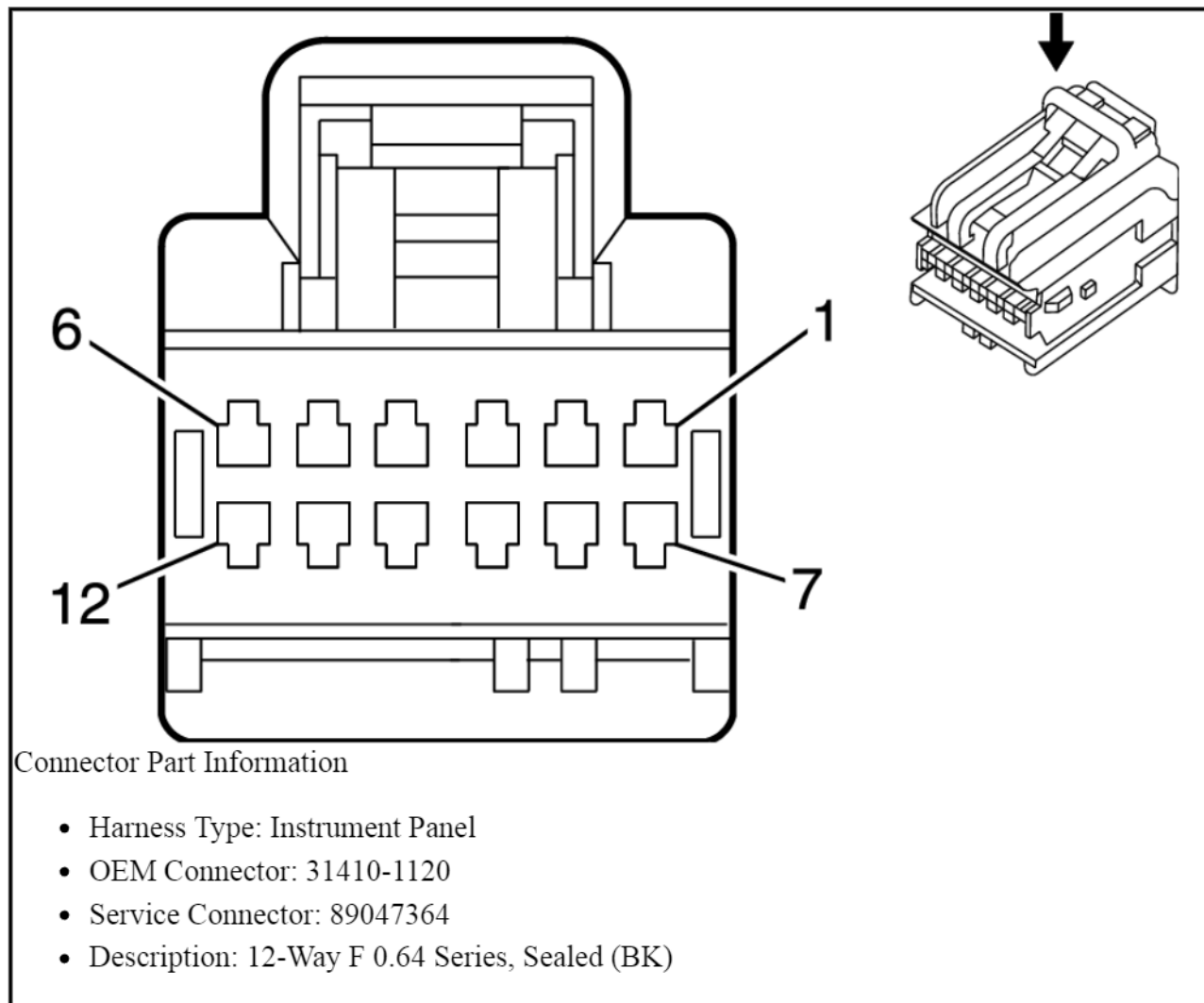
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	6817	LED Backlight Dimming Control	I	-
2	0.5	YE/VT	244	Passenger Door Lock Switch Lock Control	I	-
3	0.5	BN/VT	245	Passenger Door Lock Switch Unlock Control	I	-
4	0.5	BK	750	Ground	I	-

S30 HEADLAMP SWITCH



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/VT	103	Headlamp Switch On Signal	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3	0.35	GN/BN	306	Headlamp Switch Headlamps Off Signal Control	I	-
4	0.5	VT/GN	2639	Run/Crank Ignition 1 Voltage	I	TR6
	0.35	VT/GN	2639	Run/Crank Ignition 1 Voltage	I	-TR6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	GN/GY	13	Headlamp Switch Park Lamp Signal	I	-
6	0.35	BU/GY	187	Rear Fog Lamp Switch Signal	I	-
7	0.35	BK/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	I	-
8	0.5	BK	1250	Ground	I	-
9	0.5	BN/YE	189	Headlamp Leveling Motor Control	I	TR6
10	-	-	-	Not Occupied	-	-
11	0.35	YE/GY	44	Instrument Panel Lamp Dimmer Switch Signal	I	-
12	0.35	BU/RD	1688	5V Reference	I	-

S32LR SEAT HEATING SWITCH - LEFT REAR (KA6)

Connector Part Information

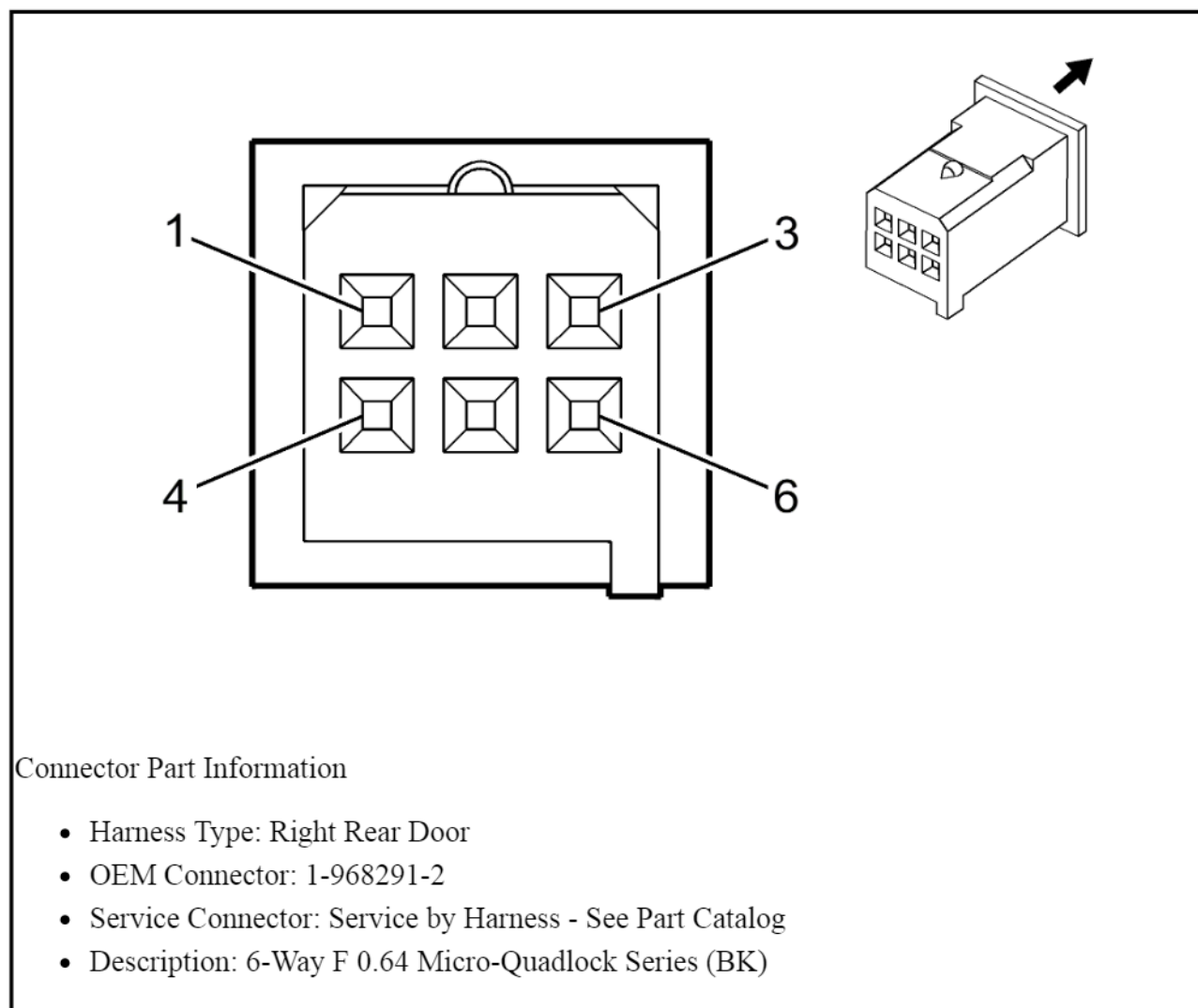
- Harness Type: Left Rear Door
- OEM Connector: 1-968291-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	550	Ground	I	KA6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.5	YE	6817	LED Backlight Dimming Control	I	KA6
3	0.5	BN/WH	1637	Left Rear Heated Seat Switch Signal	I	KA6
4	0.5	WH	1638	Left Rear Heated Seat High Indicator Control	I	KA6
5	-	-	-	Not Occupied	-	-
6	0.5	WH	6816	Indicator Dimming Control	I	KA6

2017 ELECTRICAL**Wiring Systems and Power Management - Component Locator - Component Connector
End Views - Bolt EV****COMPONENT CONNECTOR END VIEWS****S32RR SEAT HEATING SWITCH - RIGHT REAR****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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	750	Ground	I	KA6
2	0.5	YE	6817	LED Backlight Dimming Control	I	-
3	0.5	BN/GN	1634	Right Rear Heated Seat Switch Signal	I	KA6
4	0.5	BN/WH	1635	Right Rear Heated Seat High Indicator Control	I	KA6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	-	-	-	Not Occupied	-	-
6	0.5	WH	6816	Indicator Dimming Control	I	-

S33 HORN SWITCH

Connector Part Information

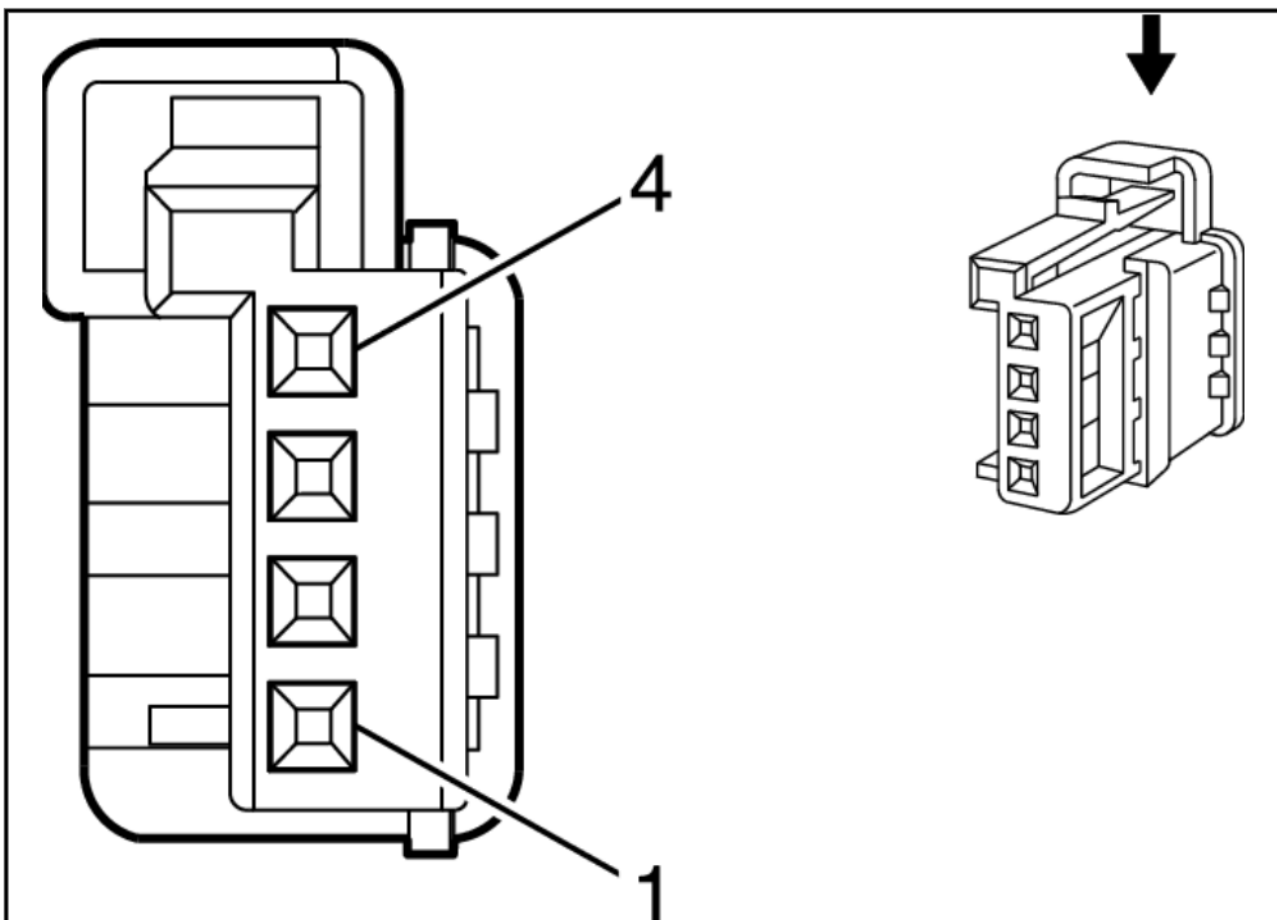
- Harness Type: Steering Wheel Harness
- OEM Connector: 19179817
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD	3287	Horn Switch Signal	I	-
2	-	BK	1650	Ground	I	-

S40 PASSENGER AIR BAG DISABLE SWITCH (C99)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1379029-1

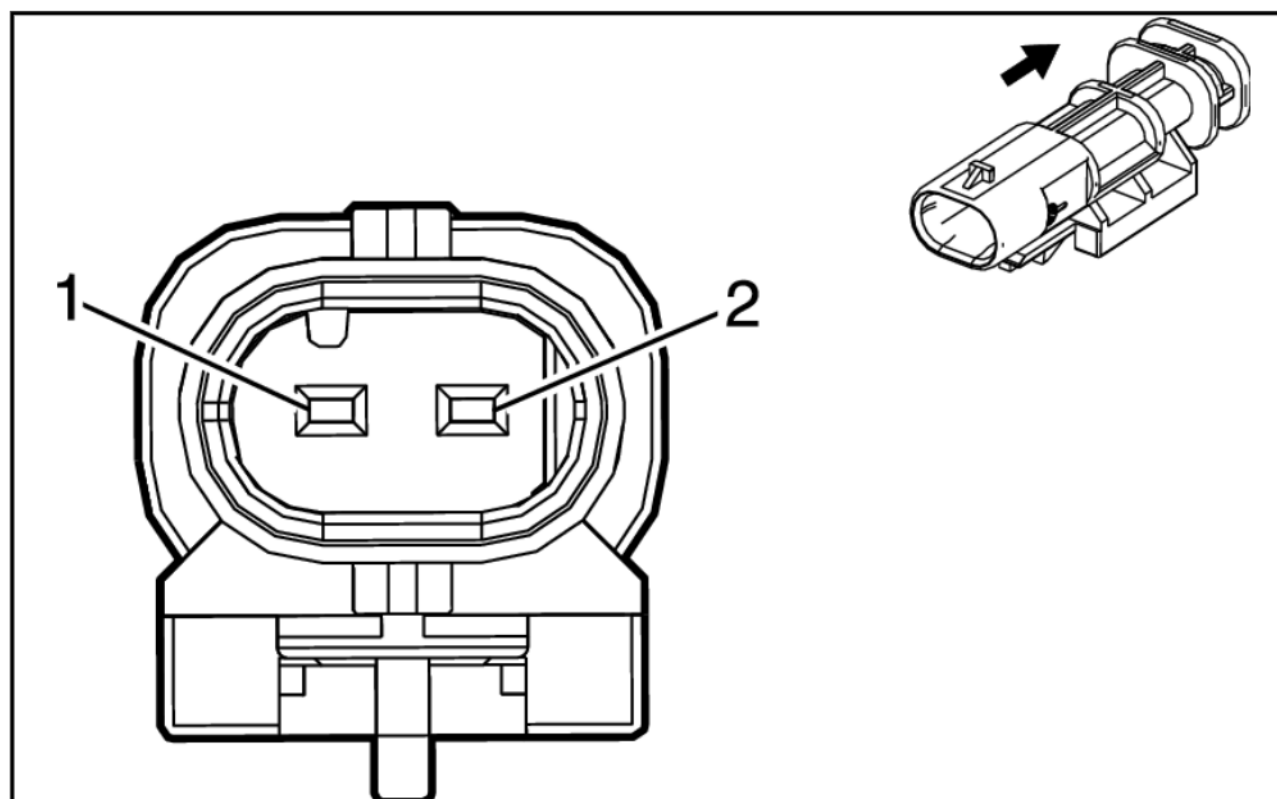
- Service Connector: 13584096
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/OG	371	Passenger IP Module Disable Switch Signal	I	C99
2	-	-	-	Not Occupied	-	-
3	0.35	BU/OG	7328	Passenger IP Module Disable Switch Low Reference	I	C99
4	-	-	-	Not Occupied	-	-

S46B LIFTGATE UNLATCH SWITCH



Connector Part Information

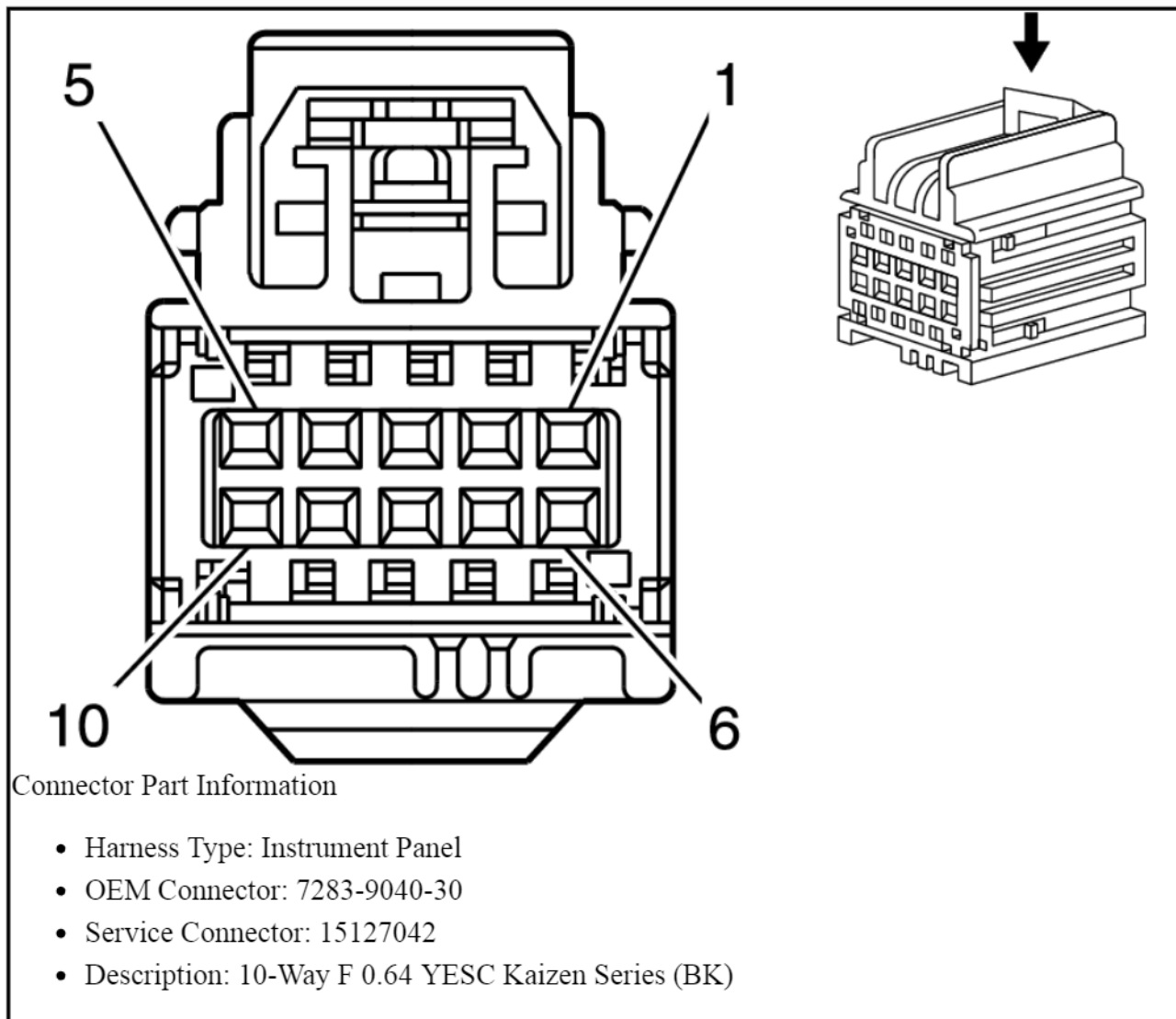
- Harness Type: Liftgate Pigtail
- OEM Connector: 13505427
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/BU	5797	Rear Closure Handle Switch Open Signal	I	-
2	-	BK	1050	Ground	I	-

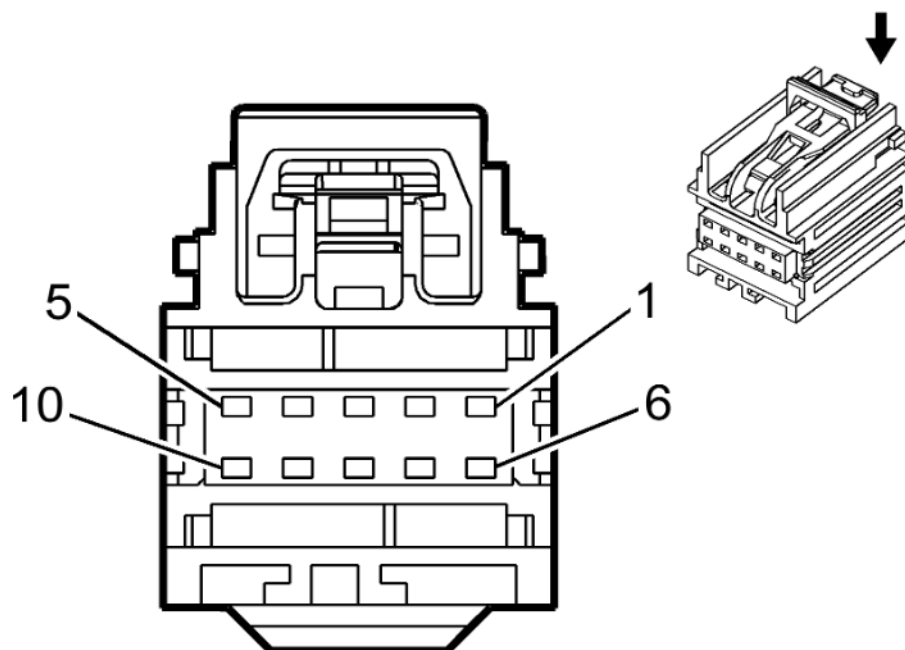
S48C MULTIFUNCTION SWITCH 1 - INSTRUMENT PANEL



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	111	Hazard Switch Signal	I	-
2	0.35	GY	5054	Sport Mode Switch Signal	I	-
3	0.35	BU/VT	1788	Traction Control Switch Signal 1	I	-
4	0.35	GY/YE	7543	Hazard LED Dimming Signal	I	-
5	0.35	YE	6817	LED Backlight Dimming Control	I	-
6 - 9	-	-	-	Not Occupied	-	-
10	0.5	BK	1450	Ground	I	-



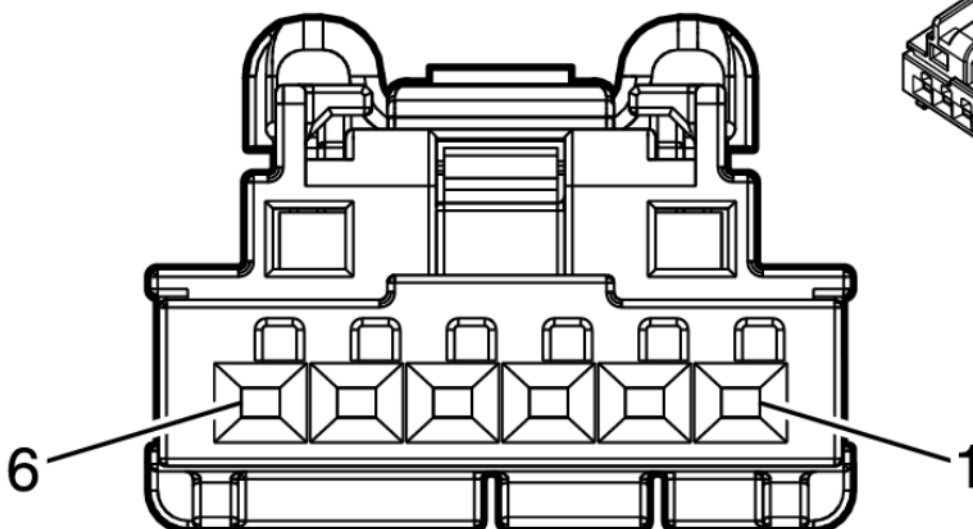
Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 7283-9043-60
- Service Connector: 15127041
- Description: 10-Way F 0.64 YESC 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	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/BN	3161	Parallel Park Assist Disable Switch Signal	I	UFQ
2	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	UD5/UFQ
3	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	YE	6817	LED Backlight Dimming Control	I	-
6	0.35	WH	6816	Indicator Dimming Control	I	-
7	0.5	GN/BN	5852	Rear Park Assist LED Disable Signal	I	UD5/UFQ
8	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
9	-	-	-	Not Occupied	-	-
10	0.5	BK	1450	Ground	I	-



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 2035363-4
- Service Connector: 19332786
- Description: 6-Way F 0.64 Generation Y 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	2515	Keypad Control	I	UE1
2	-	-	-	Not Occupied	-	-
3	0.35	GN/WH	2514	Keypad Signal	I	UE1
4	0.35	YE/VT	2516	Keypad Green LED Control	I	UE1
5	0.35	BN/WH	2517	Keypad Red LED Control	I	UE1
6	0.5	BK	550	Ground	I	UE1

S70E STEERING WHEEL CONTROLS SWITCH - RADIO PRESETS

Connector Part Information

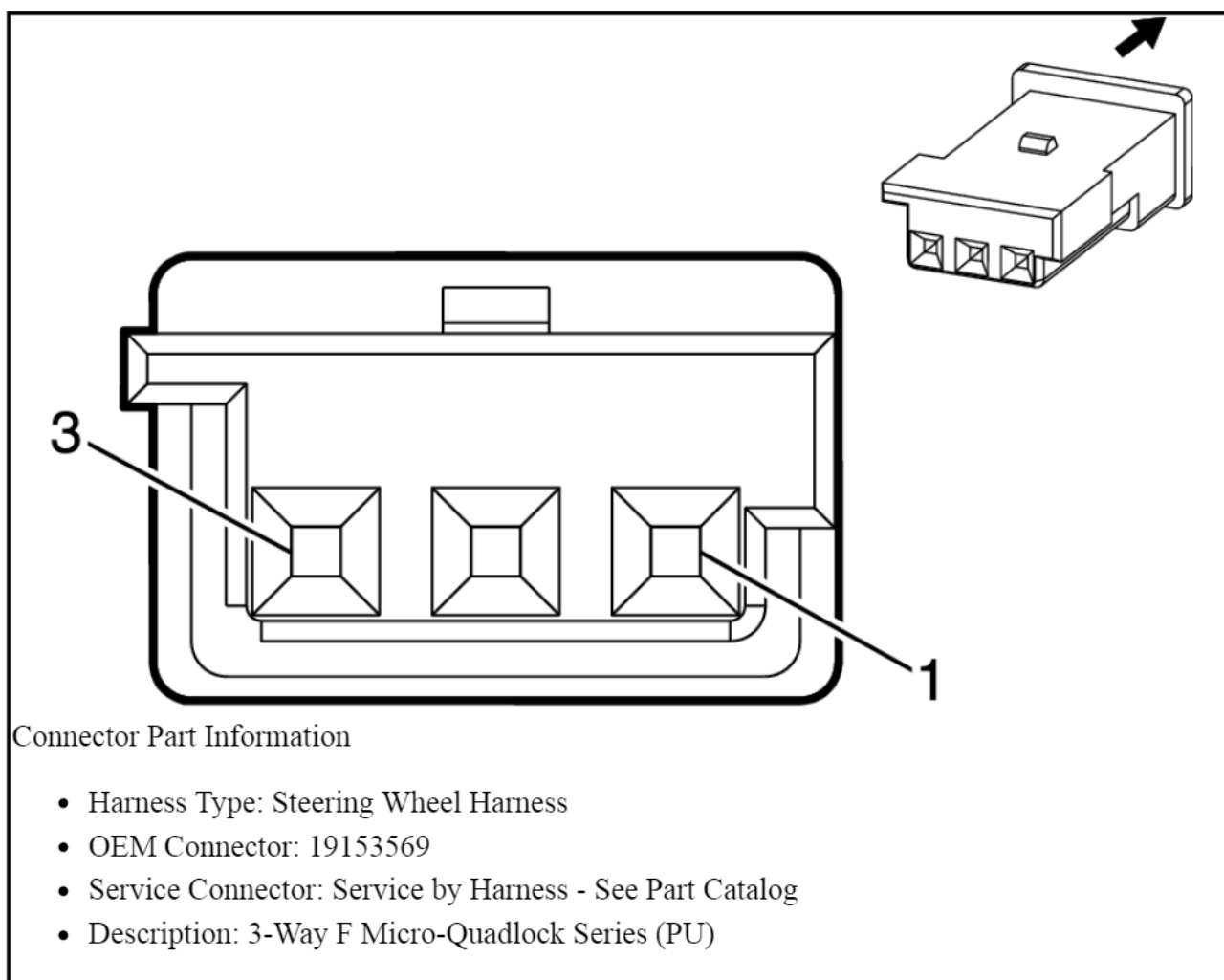
- Harness Type: Steering Wheel Harness
- OEM Connector: 5057-9404
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK GN/OG	1650 4313	Ground Radio Favorite Forward Signal	I I	- -
2	-	GY/OG	4312	Radio Favorite Back Signal	I	-
3	-	BK	1650	Ground	I	-
4	-	YE	6817	LED Backlight Dimming Control	I	-

S70F STEERING WHEEL CONTROLS SWITCH - RADIO VOLUME

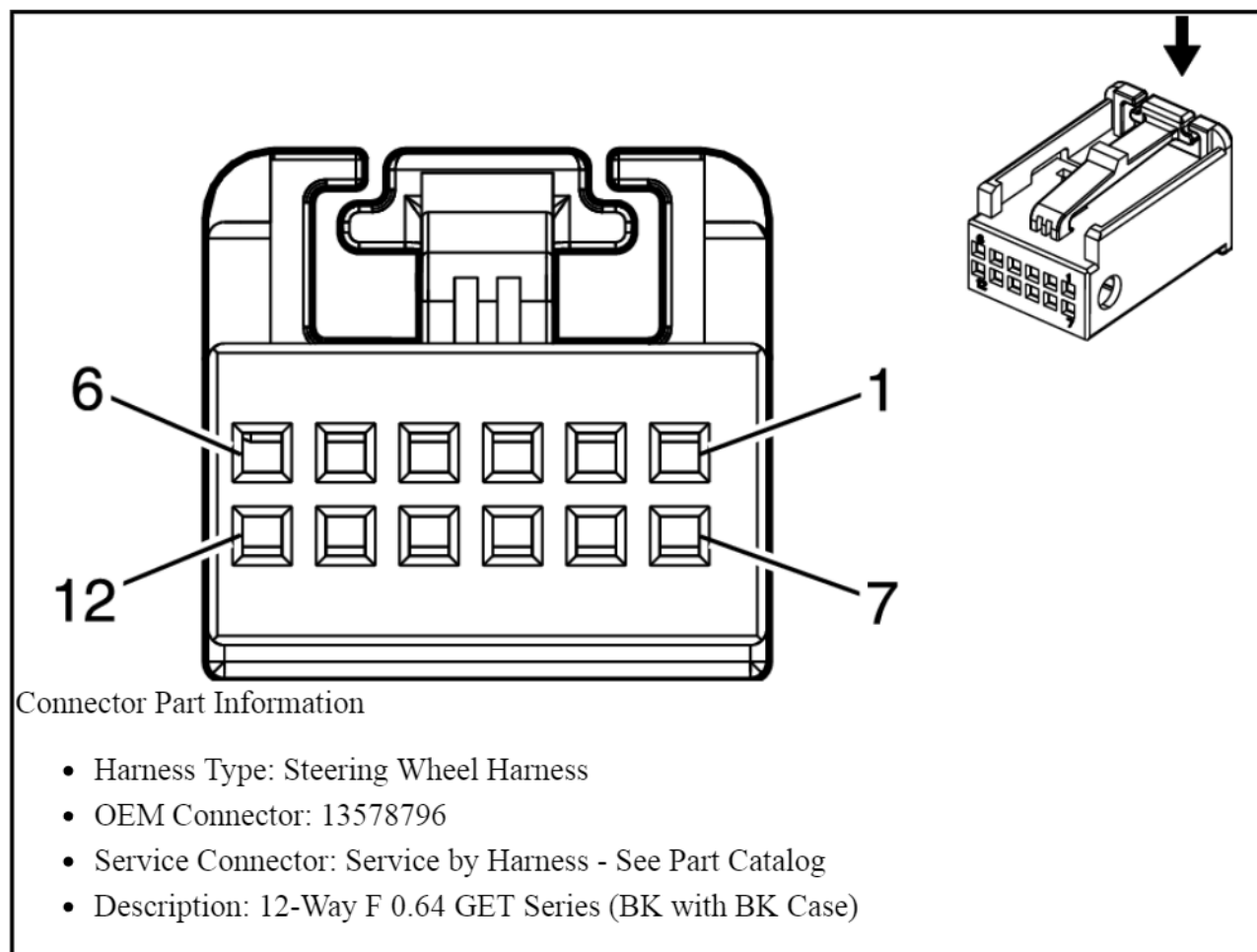


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/BU	4315	Radio Volume Up Signal	I	-
2	-	BU/RD	4314	Radio Volume Down Signal	I	-
3	-	BK	1650	Ground	I	-

S70L STEERING WHEEL CONTROLS SWITCH - LEFT

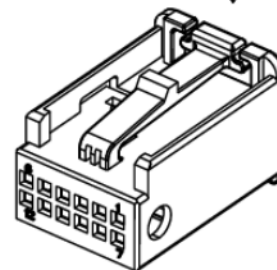
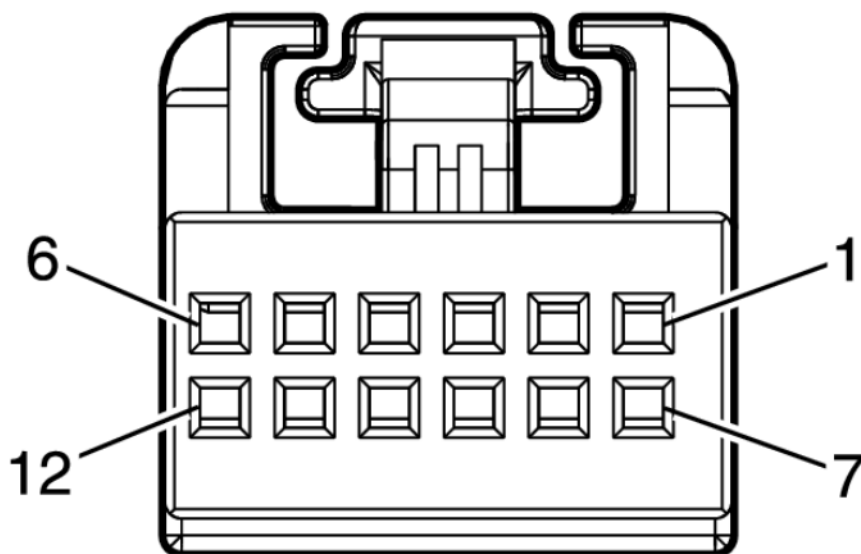


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1650	Ground	I	-
2	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-
3	0.35	YE/BK	3893	LED Backlight Dimming Control 2	I	-
4	0.35	WH	6816	Indicator Dimming Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/YE	5040	Battery Positive Voltage	I	-
7	0.35	BN/WH	5884	Heated Steering Wheel Switch LED Control	I	-
8	0.35	YE/GN	5883	Heated Steering Wheel Switch Signal	I	-
9	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
12	0.35	YE	7556	Lighting Control Switch Reference	I	-

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT



Connector Part Information

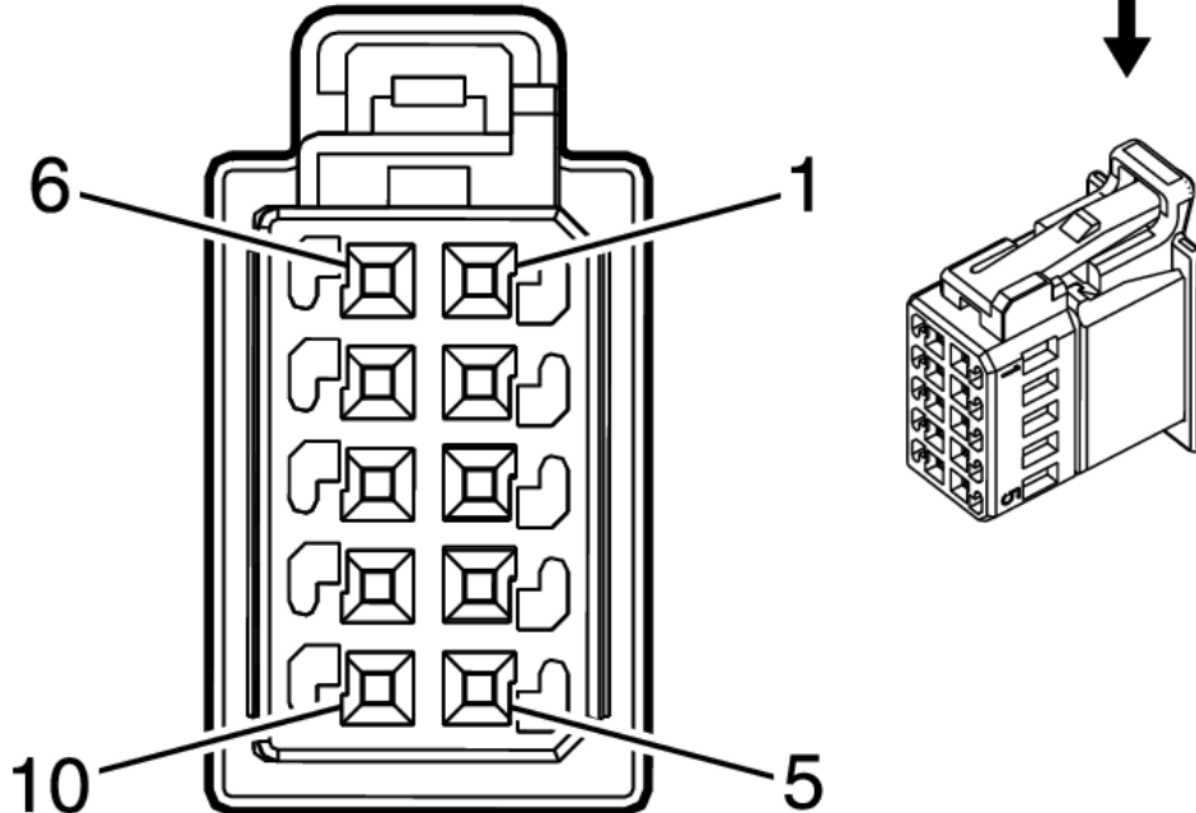
- Harness Type: Steering Wheel Harness
- OEM Connector: 13578796
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 0.64 GET Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	1650	Ground	I	-
2	-	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
3	-	YE/BK	3893	LED Backlight Dimming Control 2	I	-
4	-	WH	6816	Indicator Dimming Control	I	-
7	-	GN/OG	4313	Radio Favorite Forward Signal	I	-
8	-	GY/OG	4312	Radio Favorite Back Signal	I	-
9	-	BU/RD	4314	Radio Volume Down Signal	I	-
10	-	BK/BU	4315	Radio Volume Up Signal	I	-
12	-	RD/YE	5040	Battery Positive Voltage	I	-

S78 TURN SIGNAL/MULTIFUNCTION SWITCH



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 1488973-1
- Service Connector: 19299776
- Description: 10-Way F 0.64 Micro-Quadlock 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	13575859	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/GN	663	Hazard Switch Left Turn Signal	I	-
2	0.35	VT/BU	664	Hazard Switch Right Turn Signal	I	-
3	0.75	BK	1250	Ground	I	-
4	0.35	BU	6856	Headlamp Automatic High Beam Dim Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	YE/BN	307	Headlamp Switch Flash To Pass Signal	I	-
7	0.35	WH	524	Headlamp Dimmer Switch High Beam Signal	I	-
8 - 10	-	-	-	Not Occupied	-	-

S79D WINDOW SWITCH - DRIVER



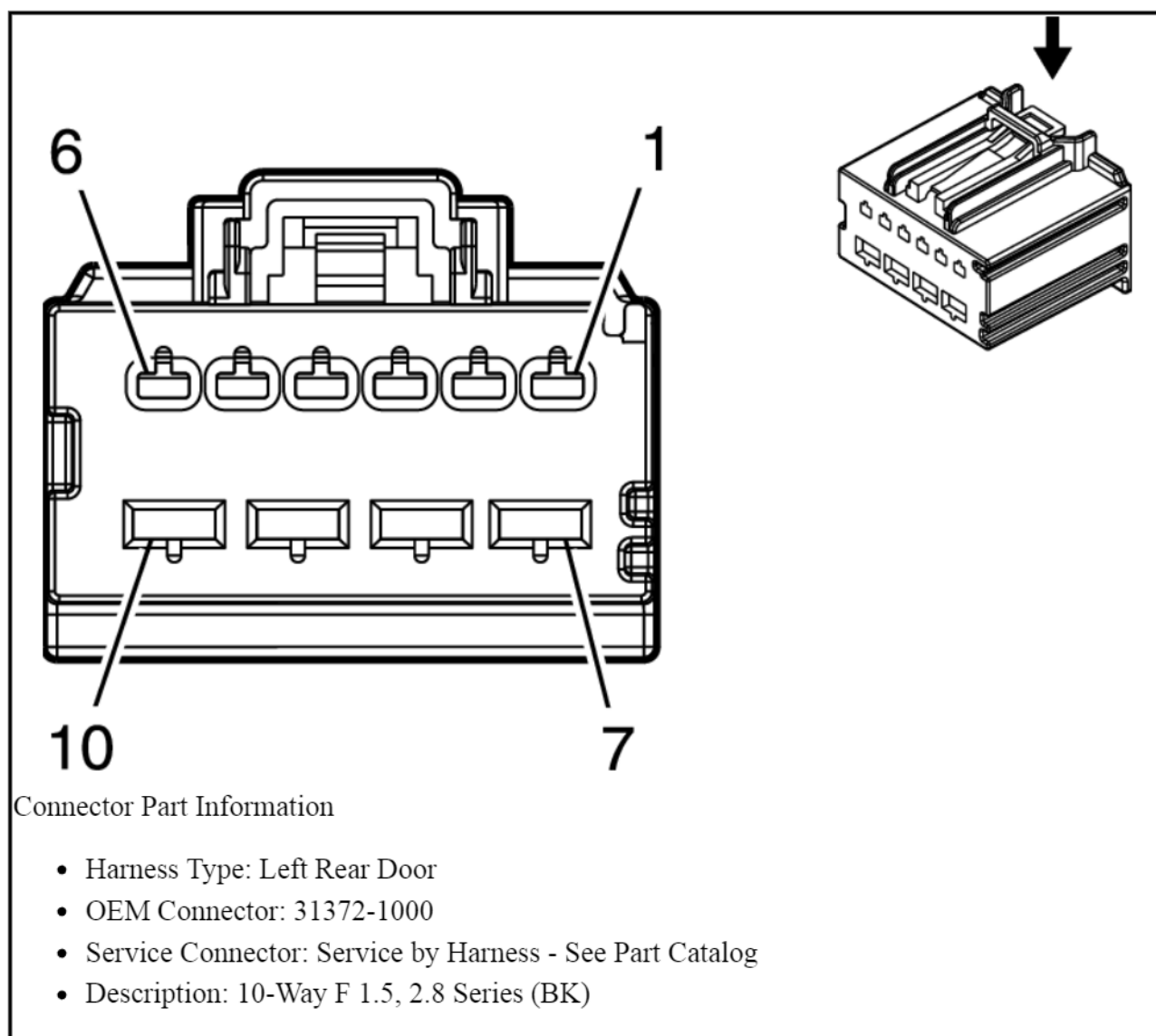
- Harness Type: Driver Door
- OEM Connector: 7287-3260-30
- Service Connector: Service by Harness - See Part Catalog
- Description: 24-Way F 0.64, 1.5, 2.8 Series (BK)

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	Not Required	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	3380	Power Window Switch Driver Down Signal	II	-
2	0.5	YE/VT	3397	Passenger Mirror Motor Up (+) Down (-) Control	III	-
3	0.5	WH	3398	Passenger Mirror Motor Common Control	III	-
4	0.5	GN/BK	3396	Passenger Mirror Motor Right (+) Left (-) Control	III	-
5	0.5	GN	3381	Power Window Switch Driver Express Signal	III	-
6	0.5	BN/BK	3389	Driver Mirror Motor Right (+) Left (-) Control	III	-
7	0.5	VT/BU	3390	Driver Mirror Motor Up (+) Down (-) Control	III	- card

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.5	YE/BN	3391	Driver Mirror Motor Common Control	III	-
9	0.5	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	III	-
10	-	-	-	Not Occupied	-	-
11	0.5	GN/WH	3379	Power Window Switch Driver Up Signal	II	-
12	0.5	WH/BN	3410	Mirror Motor Fold In Control	I	DLR
13	-	-	-	Not Occupied	-	-
14	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	III	-
15	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	III	-
16 - 21	-	-	-	Not Occupied	-	-
22	0.5	VT/YE	3409	Mirror Motor Fold Out Control	I	DLR
23	0.5	RD/GN	1540	Battery Positive Voltage	II	-
24	0.5	BK	550	Ground	II	-

S79LR WINDOW SWITCH - LEFT REAR



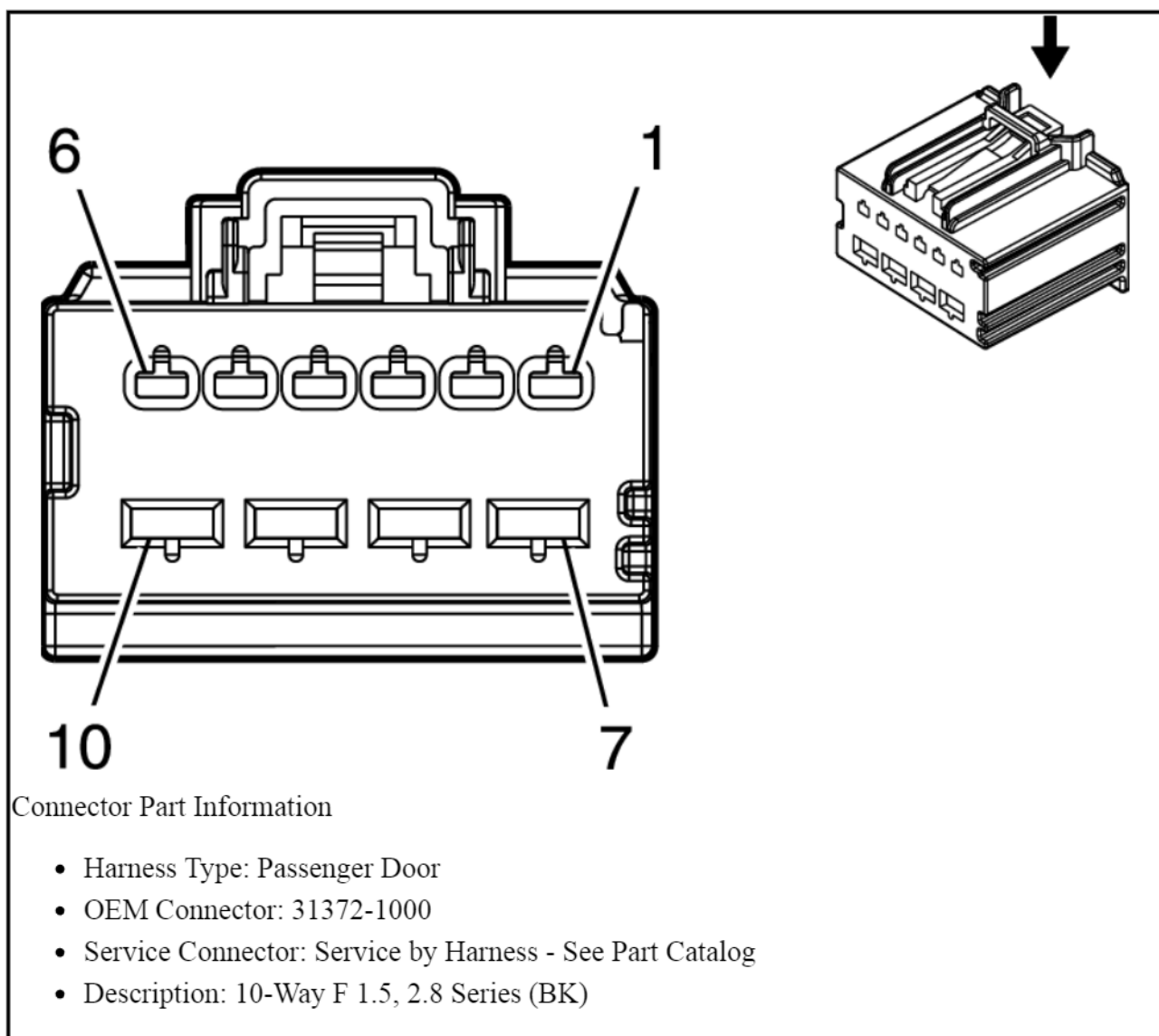
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	I	-
2	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
3	0.5	BK	550	Ground	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	2	BK	650	Ground	II	-
8	2	RD/BN	2940	Battery Positive Voltage	II	-
9	1.5	BU/VT	668	Power Window Motor Left Rear Up Control	II	-
10	1.5	YE/BU	669	Power Window Motor Left Rear Down Control	II	-

S79P WINDOW SWITCH - PASSENGER

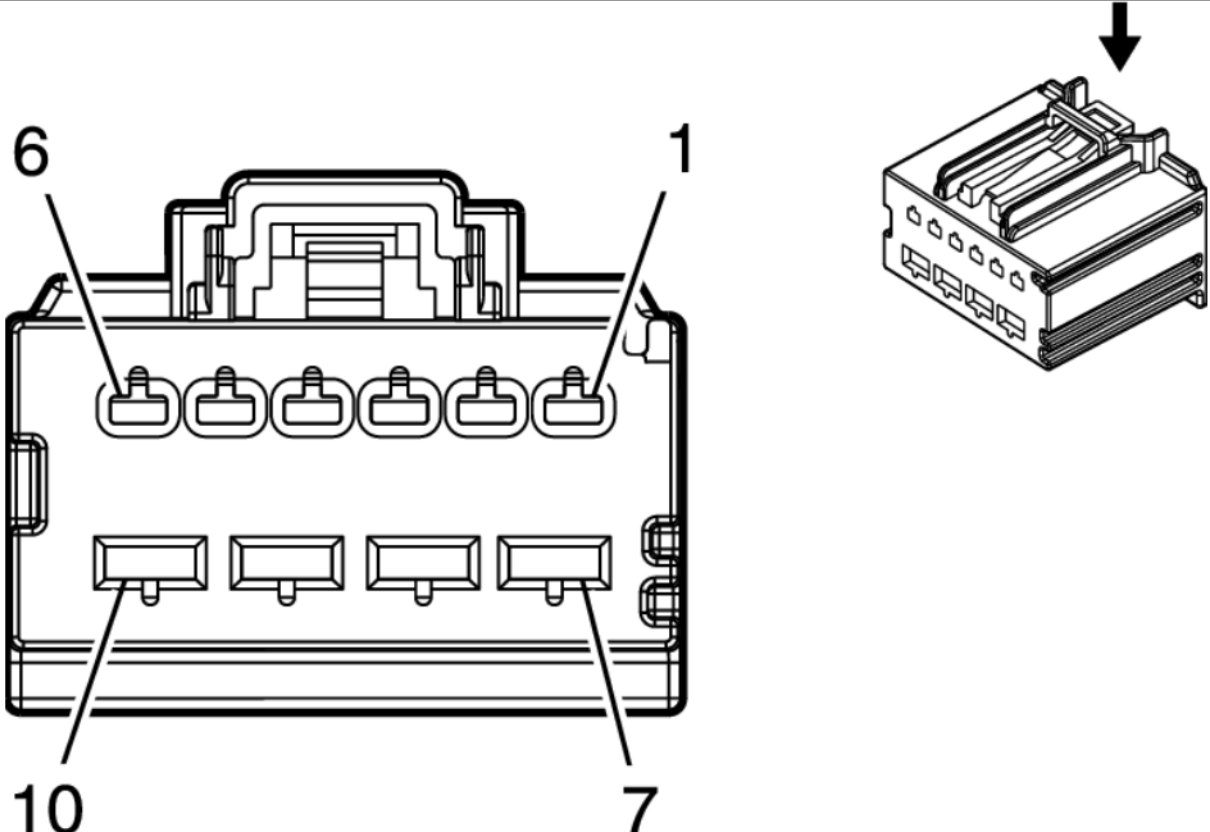


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	I	-
2	0.35	GY	746	Right Front Door Ajar Switch Signal	I	-
3 - 6	-	-	-	Not Occupied	-	-
7	2	BK	850	Ground	II	-
8	2	RD/GN	1540	Battery Positive Voltage	II	-
9	1.5	GN/GY	3387	Power Window Motor Passenger Up Control	II	-
10	1.5	YE/BU	3388	Power Window Motor Passenger Down Control	II	-

S79RR WINDOW SWITCH - RIGHT REAR



Connector Part Information

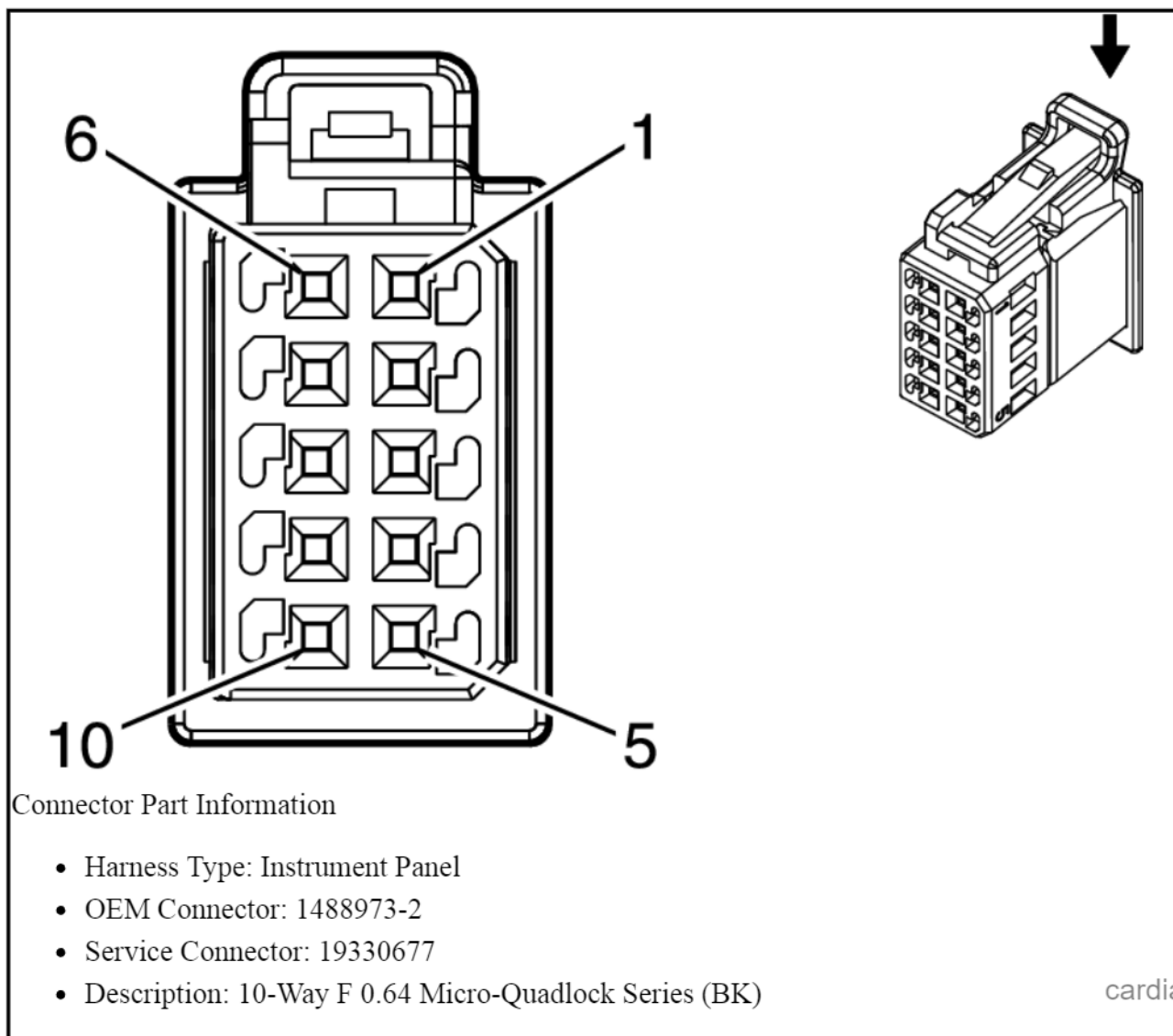
- Harness Type: Right Rear Door
- OEM Connector: 31372-1000
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 1.5, 2.8 Series (BK)

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-35616-2A (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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5 2	GN/GY RD/BN	6135 2940	Local Interconnect Network Serial Data Bus 4 Battery Positive Voltage	I II	- -
2	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	GN/GY	6135	Local Interconnect Network Serial Data Bus 4	I	-
6	-	-	-	Not Occupied	-	-
7	2	BK	850	Ground	II	-
8	-	-	-	Not Occupied	-	-
9	1.5	BU/GY	670	Power Window Motor Right Rear Up Control	II	-
10	1.5	GN/BK	671	Power Window Motor Right Rear Down Control	II	-

S82 WINDSHIELD WIPER/WASHER SWITCH

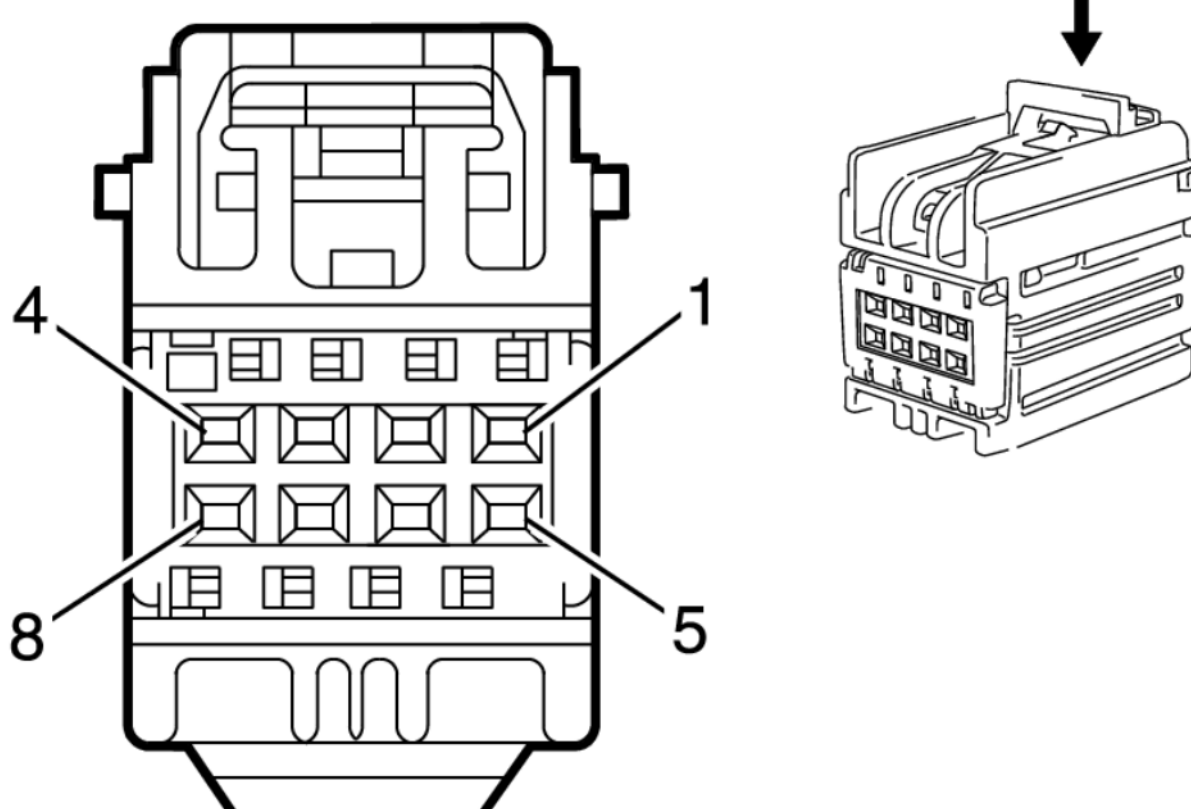


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575859	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/GY	6009	Windshield Wiper Switch Low Reference	I	-
2	0.35	GY	1715	Windshield Wiper Switch High Signal	I	-
3	0.35	YE/BU	1714	Windshield Wiper Switch Low Signal	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	BN/BU	391	Rear Window Wiper Switch Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	WH/BK	94	Windshield Washer Switch Signal	I	-
8 - 10	-	-	-	Not Occupied	-	-

S83 VEHICLE ON/OFF SWITCH



Connector Part Information

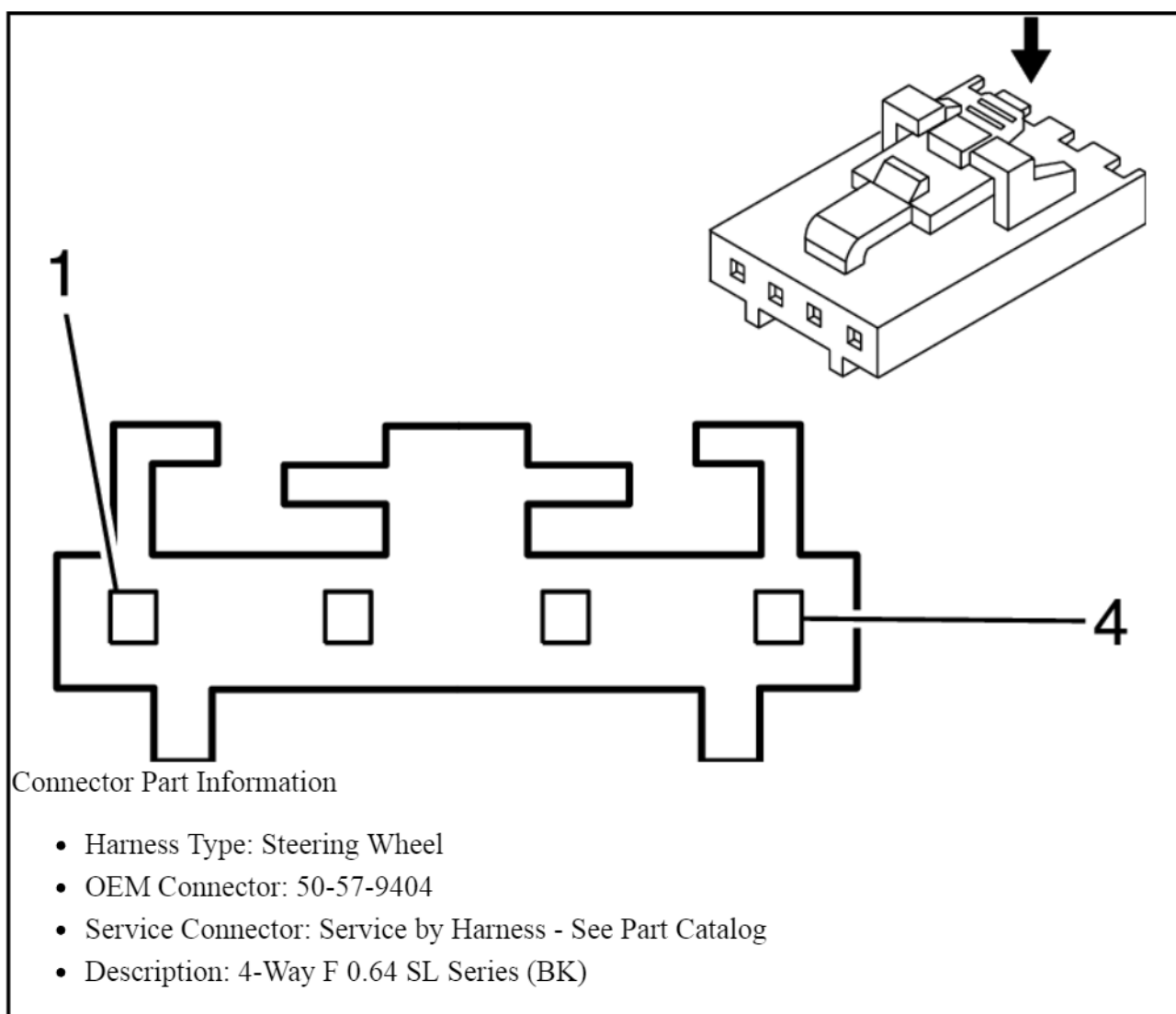
- Harness Type: Instrument Panel
- OEM Connector: 7283-9029-40
- Service Connector: 19115653
- Description: 8-Way F YESC Kaizen Series (L-GY)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	1492	Park Brake Switch Supply Voltage	I	-
2	0.35	BU/VT	1134	Park Brake Switch Signal	I	-
3	0.35	YE/RD	7683	Park Brake Release Switch Voltage Reference	I	-
4	0.35	BN	6107	Park Brake Apply Switch Signal	I	-
5	0.35	BU/BK	6108	Park Brake Release Switch Signal	I	-
6	0.35	YE	6817	LED Backlight Dimming Control	I	-
7	0.35	GY/RD	7684	Park Brake Apply Switch Voltage Reference	I	-
8	0.5	BK	750	Ground	I	-

S151 REGENERATIVE BRAKING ON-DEMAND SWITCH

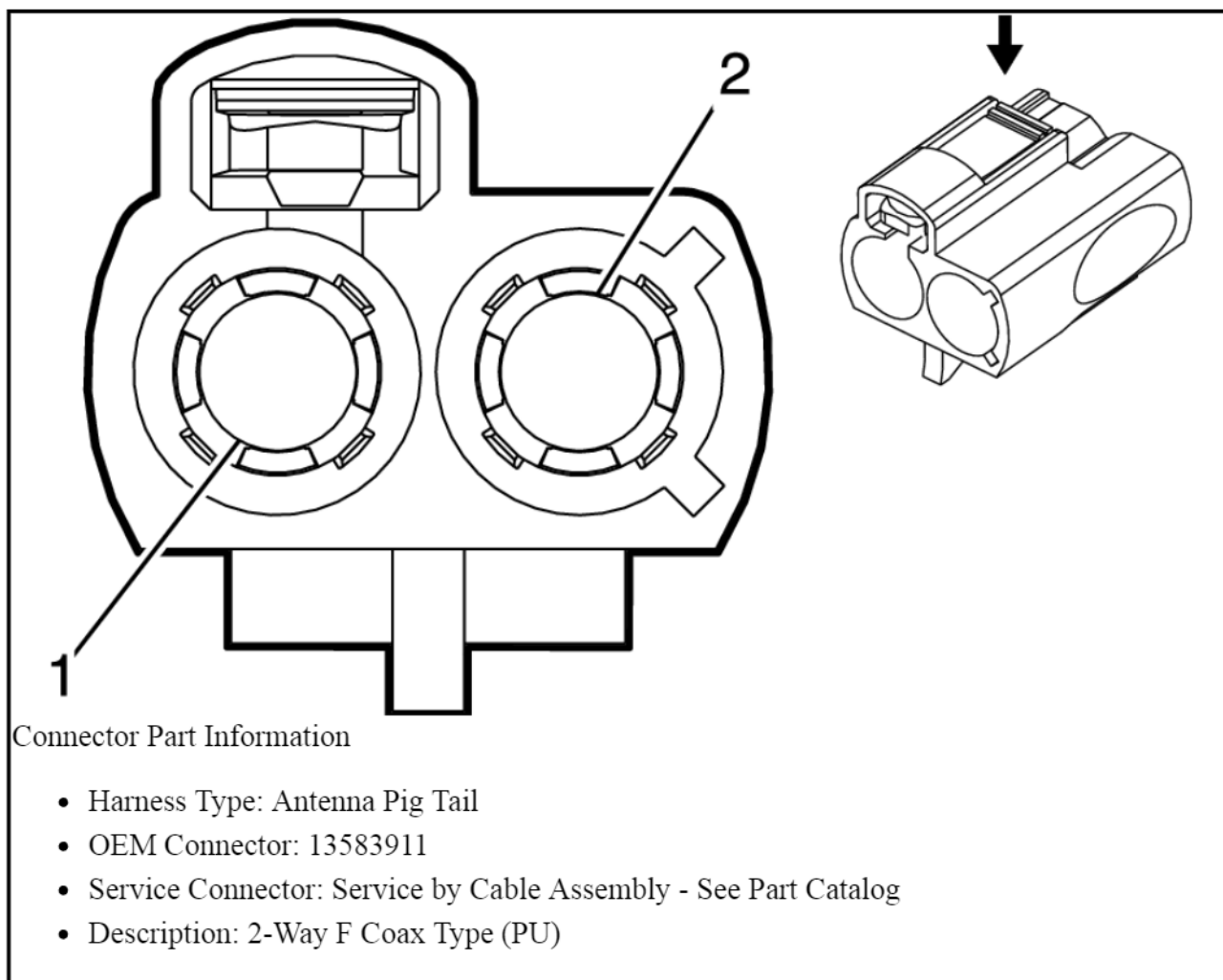


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	1650	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	-	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
4	-	YE/BK	3893	LED Backlight Dimming Control 2	I	-

T2RR ANTENNA - ROOF REAR X1

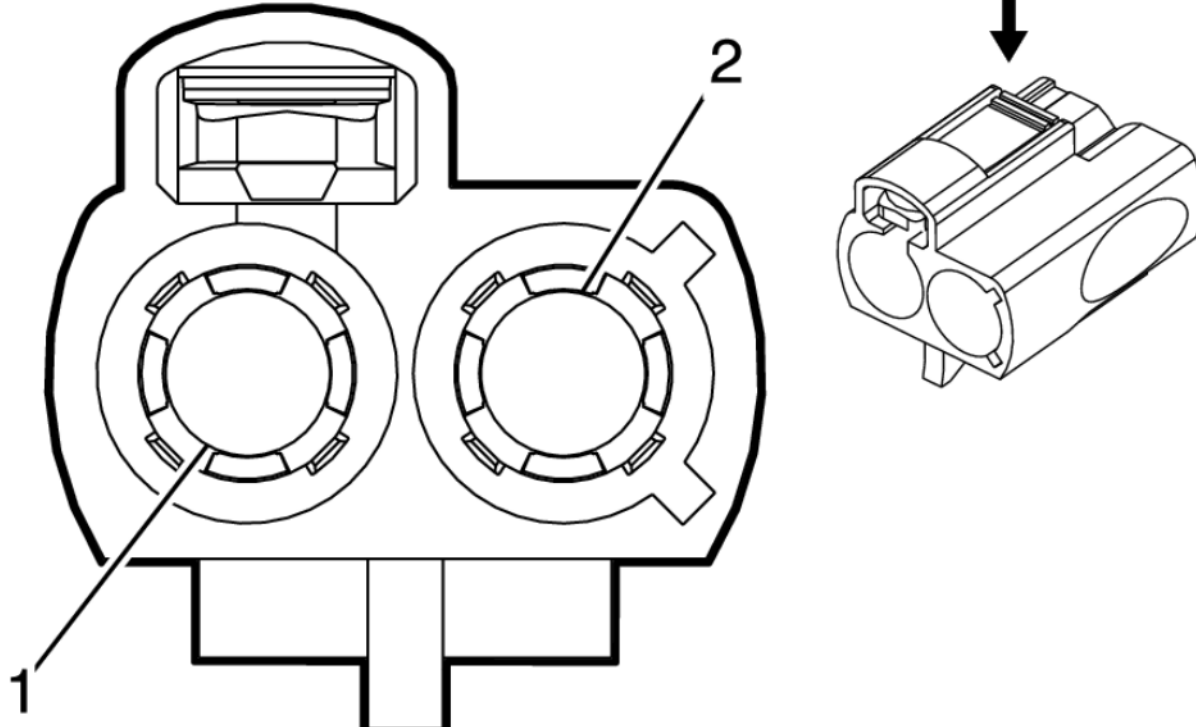


Terminal Part Information

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	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
BU	-	-	COAX	Coax Cable	I	-

T2RR ANTENNA - ROOF REAR X2



Connector Part Information

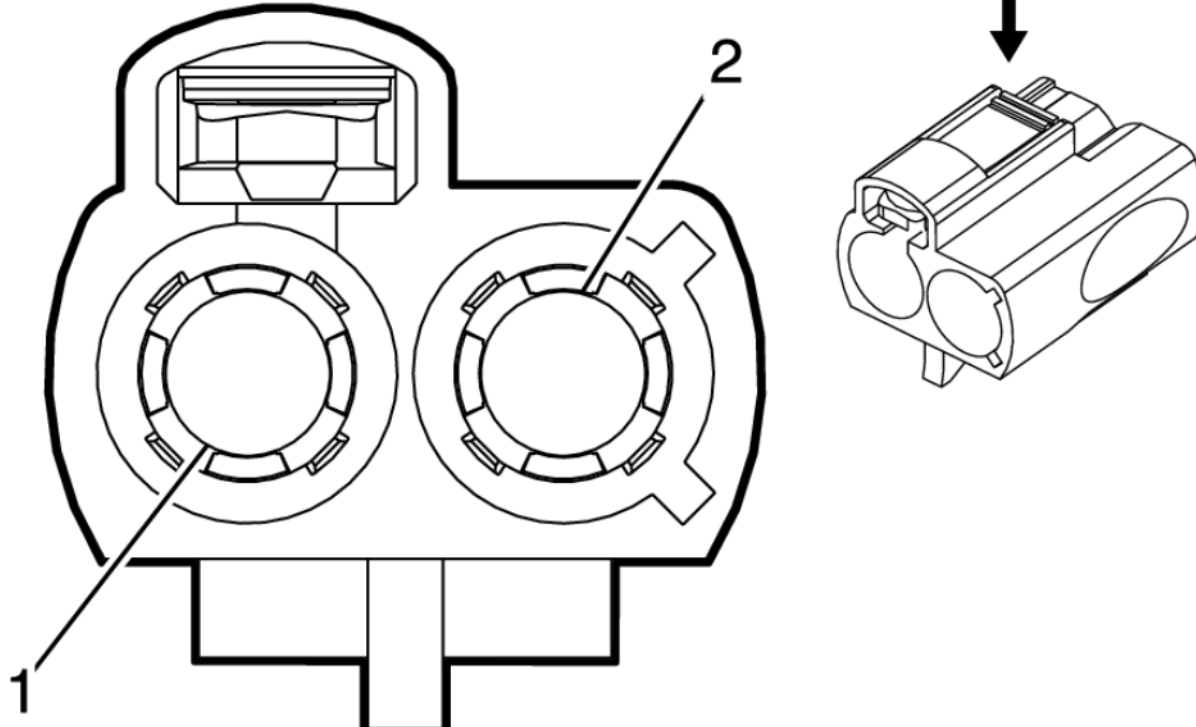
- Harness Type: Antenna Pig Tail
- OEM Connector: 13583911
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 2-Way F Coax Type (PU)

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	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
PU	-	-	COAX	Coax Cable	I	-

T2RR ANTENNA - ROOF REAR X5



Connector Part Information

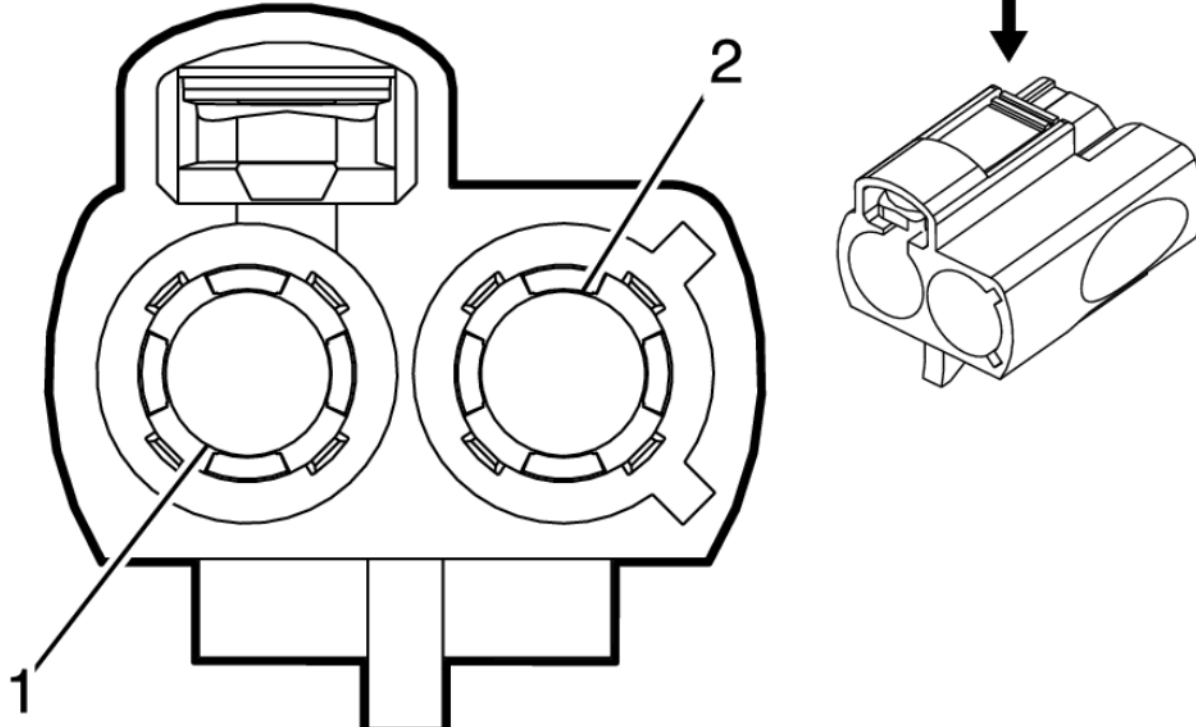
- Harness Type: Antenna Pig Tail
- OEM Connector: 13583911
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 2-Way F Coax Type (PU)

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	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
1_VT	-	-	COAX	Coax Cable	I	-
2_VT	-	-	COAX	Coax Cable	I	-

T2RR ANTENNA - ROOF REAR X6



Connector Part Information

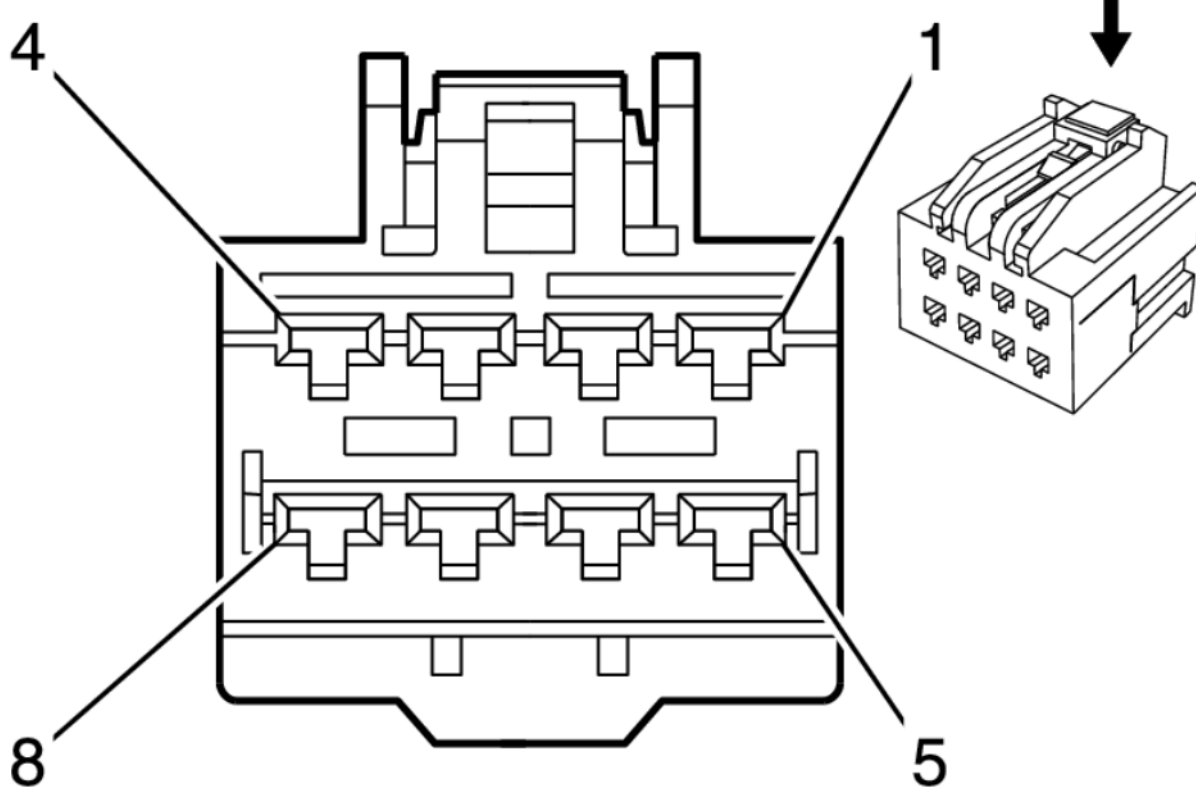
- Harness Type: Antenna Pig Tail
- OEM Connector: 13583911
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 2-Way F Coax Type (PU)

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	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
CU	-	-	COAX	Coax Cable	I	-

T3 AUDIO AMPLIFIER X1 (UQA)



Connector Part Information

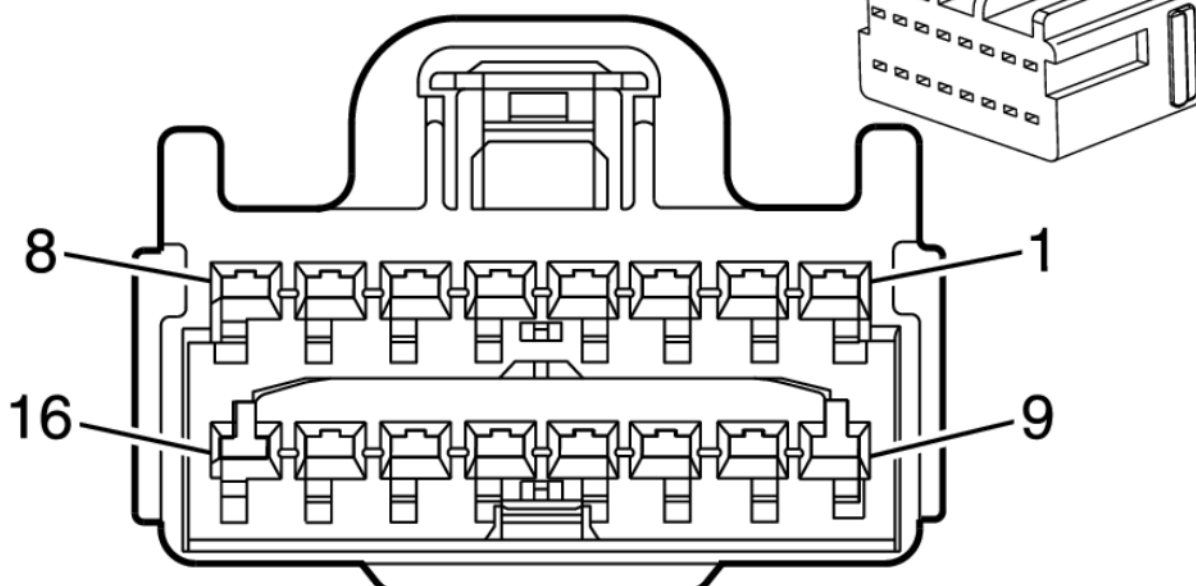
- Harness Type: Body
- OEM Connector: 6098-4798
- Service Connector: 19115652
- Description: 8-Way F 2.8 Series (GY)

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-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	2	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	UQA
4	2	RD/VT	5640	Battery Positive Voltage	I	UQA
5 - 6	-	-	-	Not Occupied	-	-
7	2	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	UQA
8	2	BK	2050	Ground	I	UQA

T3 AUDIO AMPLIFIER X2 (UQA)



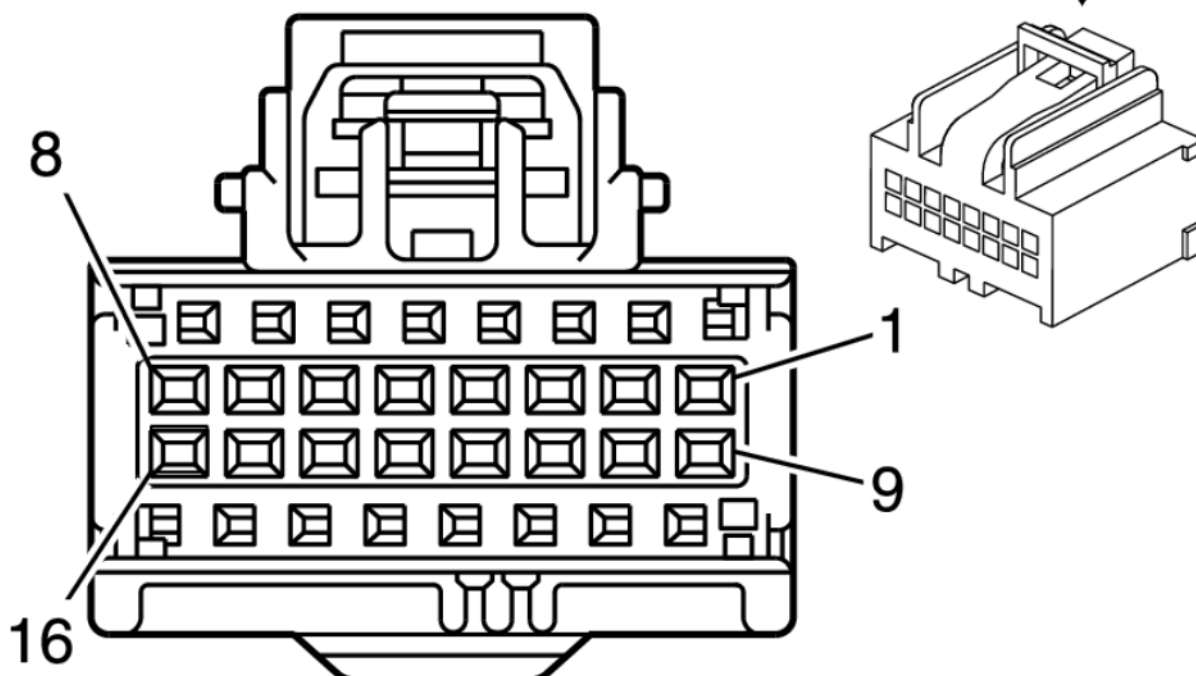
Connector Part Information

- Harness Type: Body
- OEM Connector: 7283-6453-60
- Service Connector: 89047090
- Description: 16-Way F 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	13575850	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13578892	J-35616-2A (GY)	J-38125-11A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	II	UQA
2	1.5	YE	200	Right Front Speaker Control (+) 1	II	UQA
3	1.5	BN/BU	118	Left Front Speaker Signal (-) 1	II	UQA
4	1.5	BU	201	Left Front Speaker Control (+) 1	II	UQA
5	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	UQA
6	0.75	WH	46	Right Rear Speaker Control (+)	I	UQA
7	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UQA
8	0.75	GN	199	Left Rear Speaker Control (+)	I	UQA
9 - 16	-	-	-	Not Occupied	-	-



Connector Part Information

- Harness Type: Body
- OEM Connector: 7283-9076-30
- Service Connector: 15136073
- Description: 16-Way F 0.64 Kaizen Series (BK)

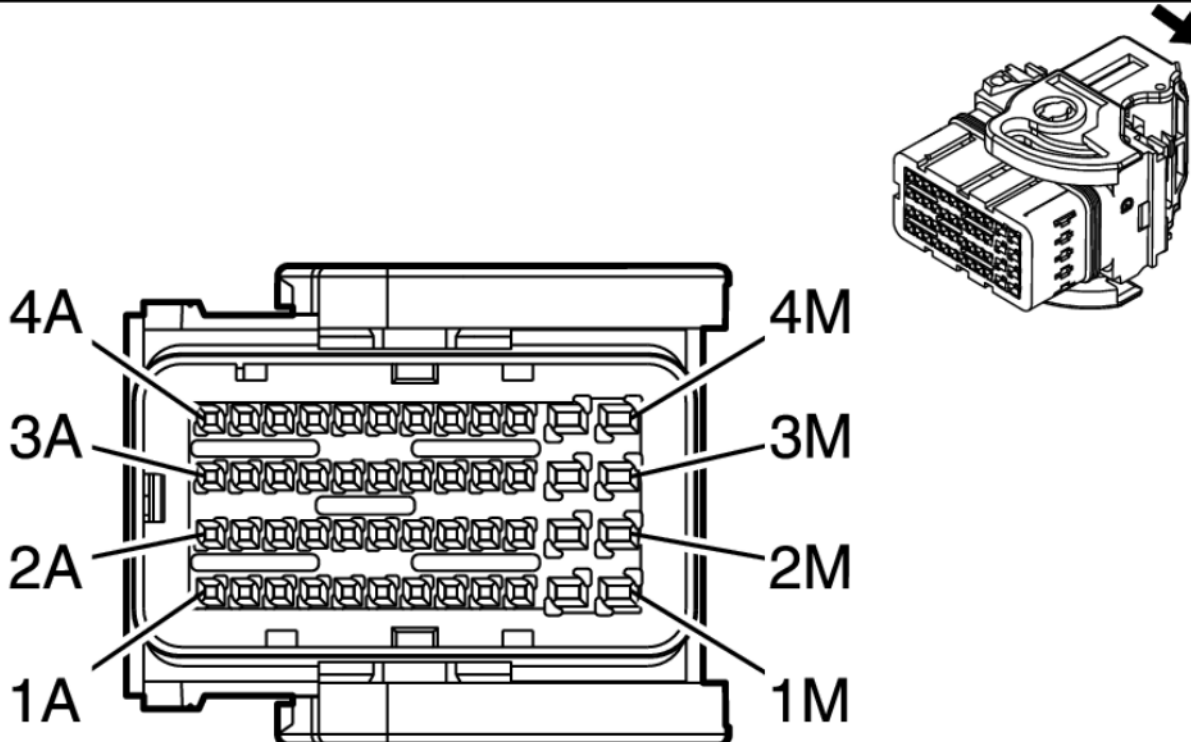
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.75	BU/BK	1946	Right Rear Low Level Audio (-) Low Reference	I	UQA
5	0.75	BN/VT	1999	Left Rear Low Level Audio (-) Low Reference	I	UQA
6	0.75	BU/BN	1546	Front Low Level Audio (-) Low Reference	I	UQA
7	0.75	BN/BU	1947	Left Front Low Level Audio (-) Low Reference	I	UQA
8	0.5	GN/YE	7066	Entertainment Remote Enable Signal	I	UQA
9 - 10	-	-	-	Not Occupied	-	-
11	0.5	VT/BU	6978	Amplifier Control	I	UQA
12	0.75	BN/WH	546	Right Rear Low Level Audio Signal	I	UQA
13	0.75	GN/BK	599	Left Rear Low Level Audio Signal	I	UQA
14	0.75	YE	512	Right Front Low Level Audio Signal	I	UQA
15	0.75	BU	511	Left Front Low Level Audio Signal	I	UQA

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

T6 POWER INVERTER MODULE X1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 98993-5021
- Service Connector: 19354859
- Description: 48-Way F 0.6, 1.5 Sealed, 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	19354833	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19354834	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19354835	J-35616-2A (GY)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1A - 4M	-	-	-	Not Occupied	-	-
B1	0.75	WH/GN	7648	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	I	-
B2	0.75	BU	7645	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	I	- cardiagn.com
B4	0.5	VT/WH	5981	PRNDL A Signal	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
C1	0.75	BN	7652	Traction Power Inverter Module Resolver 1 S3 Signal	I	-
C2	0.75	YE	7649	Traction Power Inverter Module Resolver 1 S1 Signal	I	-
C3	0.5	GY/BN	5982	PRNDL B Signal	II	-
C4	0.5	GY/WH	4168	PRNDL P Signal	II	-
D1	0.75	GY	7646	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	I	-
D2	0.75	VT/GN	7647	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	I	-
D3	0.5	WH/BK	5983	PRNDL C Signal	II	-
D4	0.5	GY/YE	4169	PRNDL S Signal	II	-
E3	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
E4	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
F1	0.5	GY/BK	2967	Transmission Auxiliary Oil Pump Relay Control	II	-
F2	0.5	GY/BU	4324	Transmission Auxiliary Pump Feedback Signal	II	-
F3	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	II	-
F4	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	II	-
G1	0.5	BK/VT	5596	High Voltage Interlock Loop Low Reference 2	II	-
G2	0.5	YE	5690	High Voltage Interlock Loop Signal 3	II	-
G3	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	II	-
G4	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	II	-
H1	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	II	-
H2	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	II	-
H3	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	II	-
H4	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	II	-
J1	0.5	WH/BU	7653	Traction Power Inverter Motor 1 Temperature Sensor Signal	II	-
J2	0.5	GN	7654	Traction Power Inverter Motor 1 Temperature Sensor Low Reference	II	-
J3	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	II	-
J4	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	II	-
K2	0.5	BK	150	Ground	II	-
L1	0.5	YE/BU	3992	Internal Mode Switch Voltage Supply A	III	-
L3	0.5	VT/GY	1439	Run/Crank Ignition 1 Voltage	III	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
L4	0.5	VT/BU	3991	Internal Mode Switch Voltage Supply B	III	-
M1	0.5	RD/VT	340	Battery Positive Voltage	III	-
M2	0.5	BU/WH	3977	Accessory Wakeup Serial Data 2	III	-
M4	0.5	RD/YE	240	Battery Positive Voltage	III	-

T6 POWER INVERTER MODULE X2

- Connector Part Information • Harness Type: High Voltage • OEM Connector: 13598848 • Service Connector: Service by Harness - See Part Catalog • Description: 2-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3832	High Speed GMLAN Serial Data (-) 6	I	-
	-	OG	3966	High Voltage Battery 3 (+)	I	-
B	-	OG/BK	3826	Rechargeable Energy Storage System Coolant Temperature Sensor Low Reference 2	I	-
	-	OG/BK	3965	High Voltage Battery 3 (-)	I	-

T6 POWER INVERTER MODULE X3

- Connector Part Information • Harness Type: High Voltage • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 2-Way							
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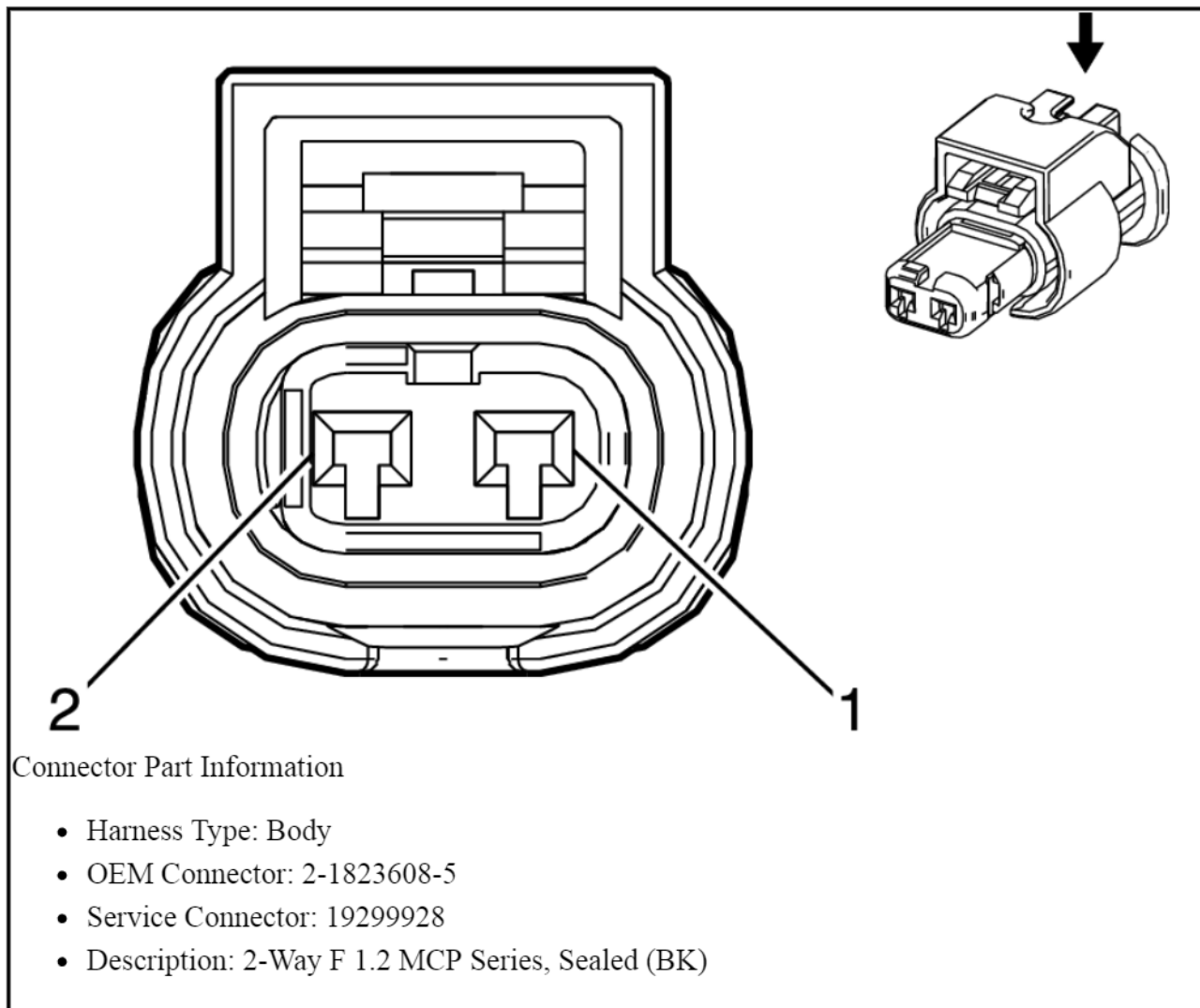
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG	3770	MGU Phase W Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	-	OG	3771	MGU Phase V Control	I	-
3	-	OG	3772	MGU Phase U Control	I	-

T10E KEYLESS ENTRY ANTENNA - REAR COMPARTMENT

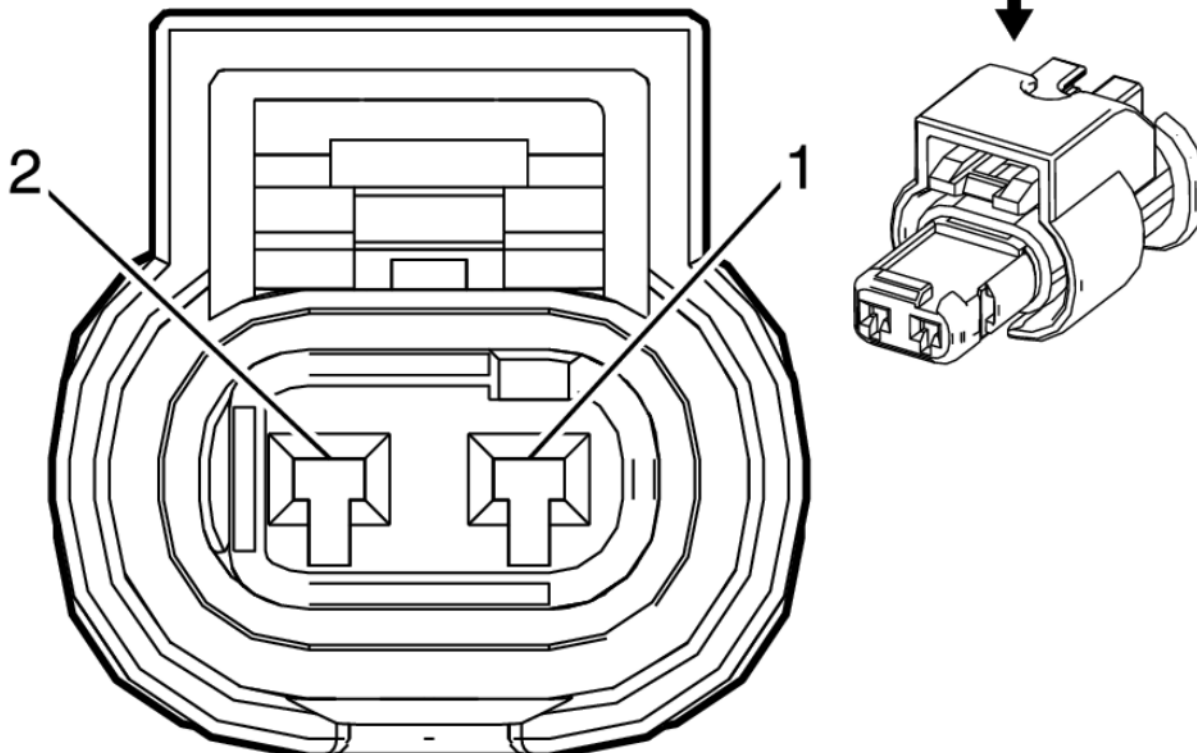


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
2	0.5	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-

T10G KEYLESS ENTRY ANTENNA - REAR FASCIA



Connector Part Information

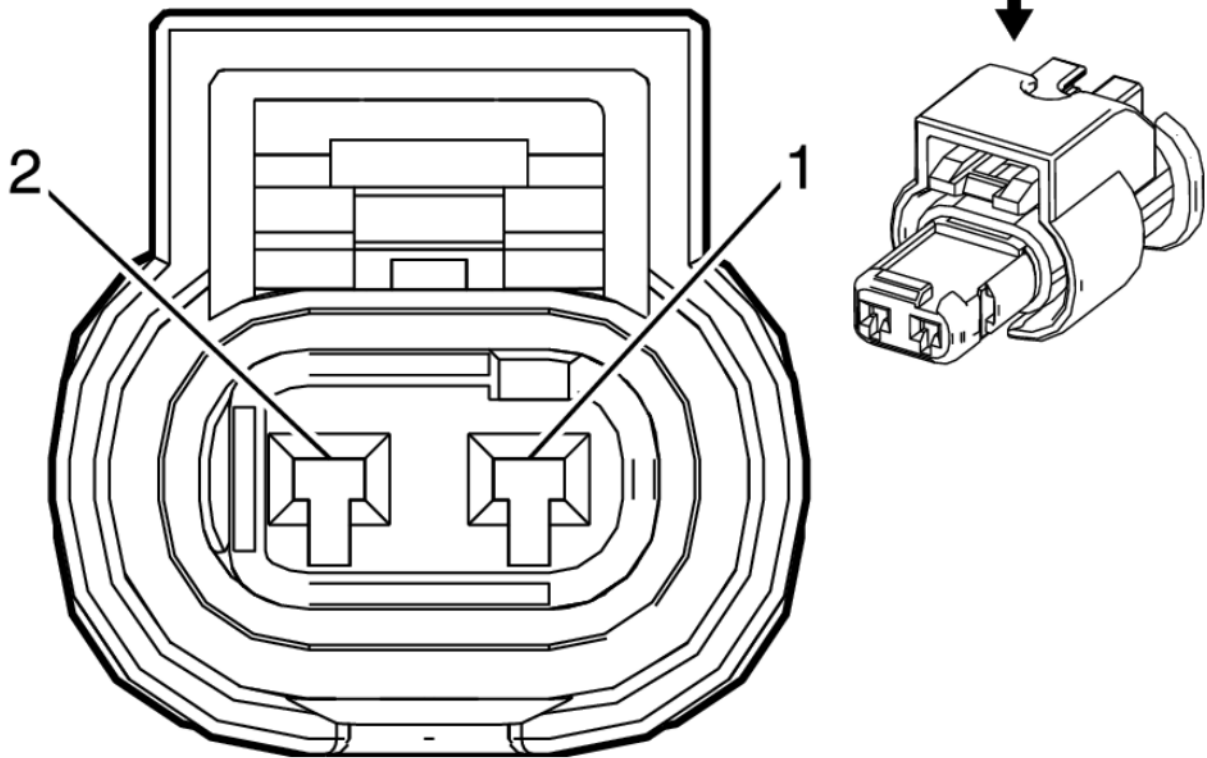
- Harness Type: Rear Fascia
- OEM Connector: 1-1823608-5
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
2	0.5	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-

T10J KEYLESS ENTRY ANTENNA - CENTER CONSOLE FRONT



Connector Part Information

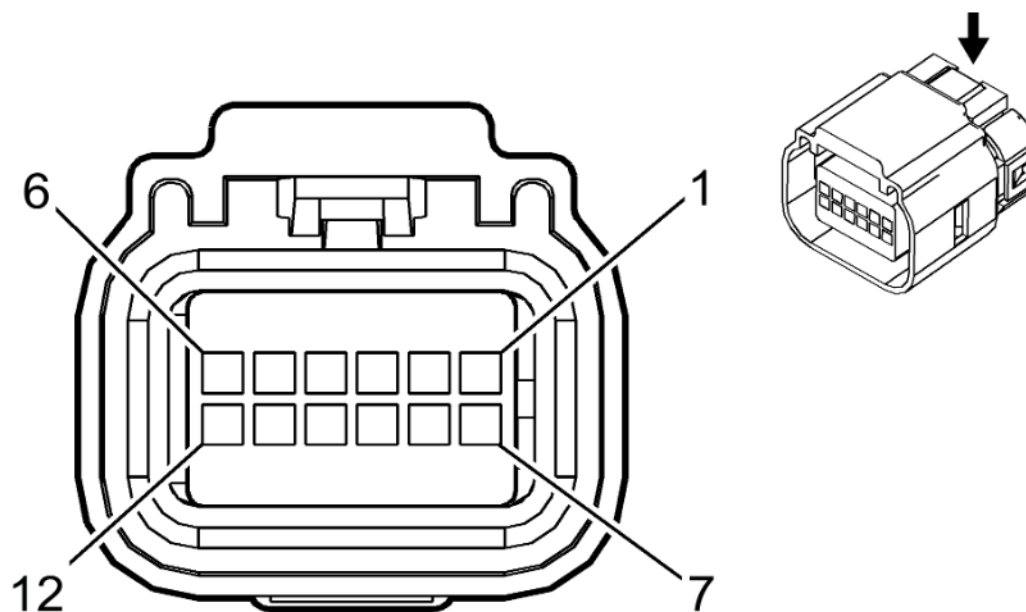
- Harness Type: Instrument Panel
- OEM Connector: 1-1823608-5
- Service Connector: 19300402
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
2	0.5	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X1



Connector Part Information

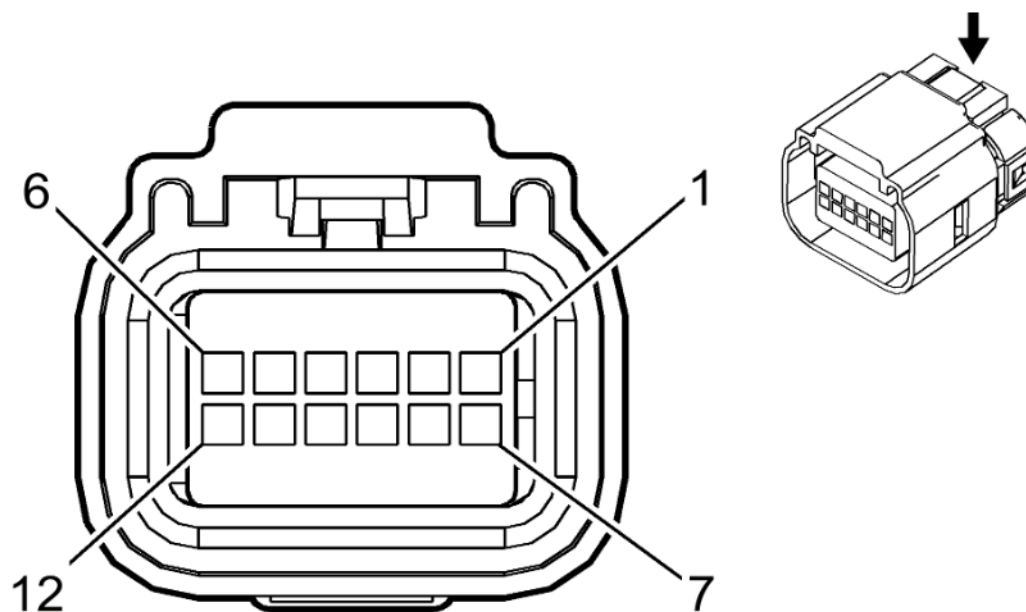
- Harness Type: Engine
- OEM Connector: 33269315
- Service Connector: 19354851
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BK/GY	9005	-	I	-
3	0.5	VT	9005	-	I	-
4	0.5	YE/BU	3992	Internal Mode Switch Voltage Supply A	I	-
5	0.5	VT/WH	5981	PRNDL A Signal	I	-
6	0.5	WH/BK	5983	PRNDL C Signal	I	-
7	0.5	GY/YE	4169	PRNDL S Signal	I	-
8	0.5	GY/BN	5982	PRNDL B Signal	I	-
9	0.5	GY/WH	4168	PRNDL P Signal	I	-
10	0.5	VT/BU	3991	Internal Mode Switch Voltage Supply B	I	-
11	0.5	BN	9005	-	I	-
12	0.5	YE/BK	9005	-	I	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X2



Connector Part Information

- Harness Type: Engine
- OEM Connector: 33269315
- Service Connector: 19354851
- Description: 12-Way F 1.2 OCS Series, Sealed (BK)

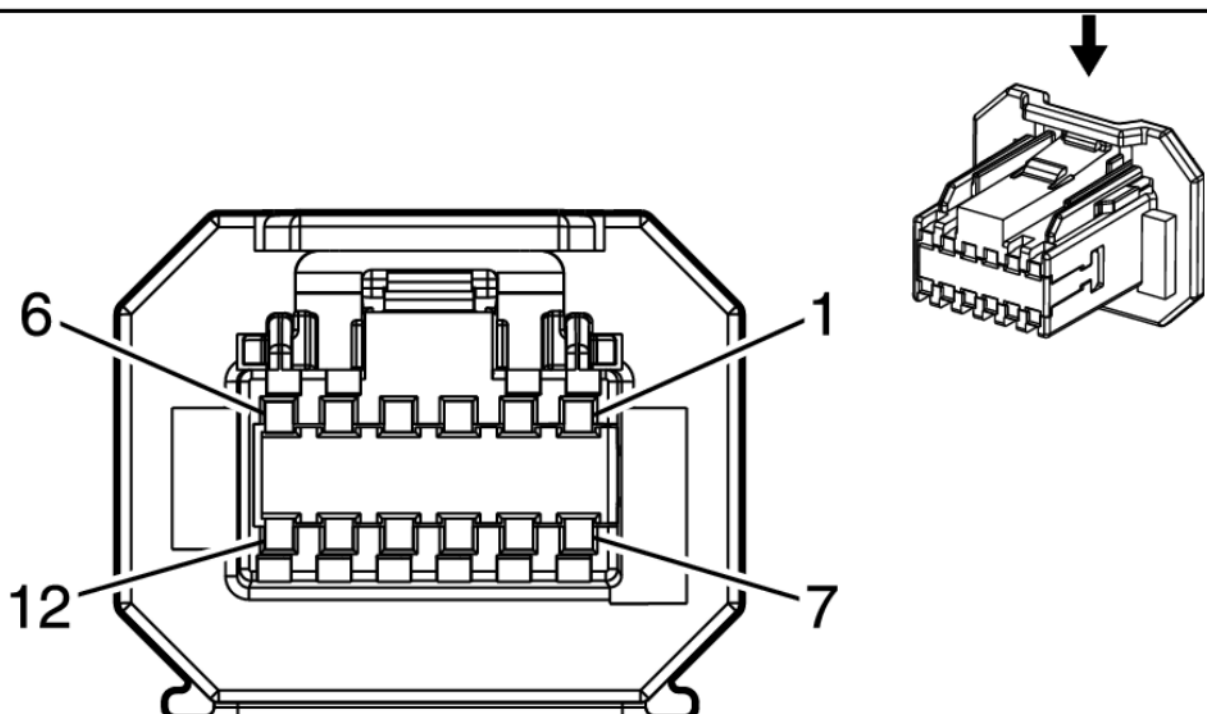
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-64B (LT BU)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	19300649	J-35616-64B (LT BU)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BN/WH	585	Transmission Oil Temperature Sensor Signal	II	-
3	0.5	BK/BN	586	Transmission Oil Temperature Sensor Low Reference	II	-
4	0.75	BN	7652	Traction Power Inverter Module Resolver 1 S3 Signal	I	-
5	0.75	YE	7649	Traction Power Inverter Module Resolver 1 S1 Signal	I	-
6	0.75	BU	7645	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	I	-
7	0.75	WH/GN	7648	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.75	VT/GN	7647	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	I	-
9	0.75	GY	7646	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	I	-
10	0.5	GN	7654	Traction Power Inverter Motor 1 Temperature Sensor Low Reference	II	-
11	0.5	WH/BU	7653	Traction Power Inverter Motor 1 Temperature Sensor Signal	II	-
12	0.5	BU	9005	-	II	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X3



Connector Part Information

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

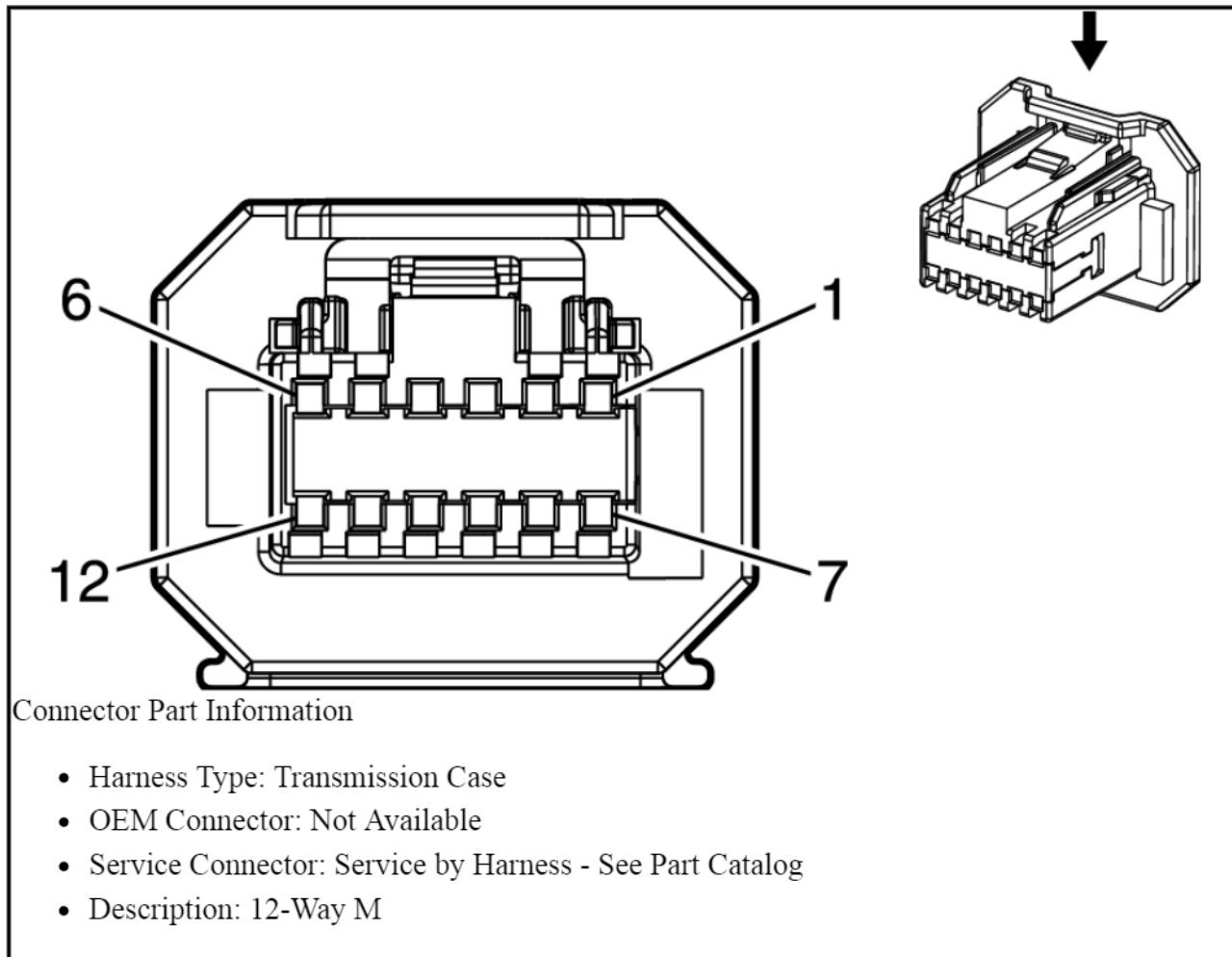
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BK	9005	-	I	-
3	0.5	BK	9005	-	I	-
4	0.5	BK	3992	Internal Mode Switch Voltage Supply A	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.5	BK	5981	PRNDL A Signal	I	-
6	0.5	BK	5983	PRNDL C Signal	I	-
7	0.5	BK	4169	PRNDL S Signal	I	-
8	0.5	BK	5982	PRNDL B Signal	I	-
9	0.5	BK	4168	PRNDL P Signal	I	-
10	0.5	BK	3991	Internal Mode Switch Voltage Supply B	I	-
11	0.5	BK	9005	-	I	-
12	0.5	BK	9005	-	I	-

T12 AUTOMATIC TRANSMISSION ASSEMBLY X4



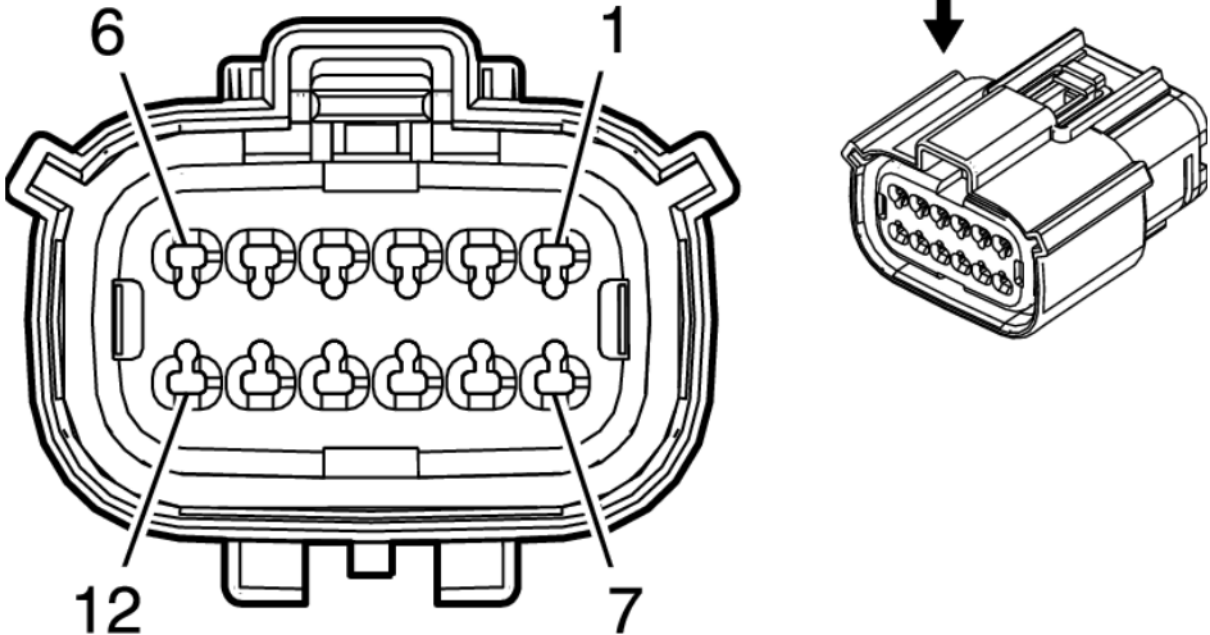
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BK	585	Transmission Oil Temperature Sensor Signal	I	-
3	0.5	BK	586	Transmission Oil Temperature Sensor Low Reference	I	-
4	0.75	BK	7652	Traction Power Inverter Module Resolver 1 S3 Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.75	BK	7649	Traction Power Inverter Module Resolver 1 S1 Signal	I	-
6	0.75	BK	7645	Traction Power Inverter Module Resolver 1 Excitation Signal Positive	I	-
7	0.75	BK	7648	Traction Power Inverter Module Traction Power Inverter Module Resolver 1 Excitation Signal Negative	I	-
8	0.75	BK	7647	Transmission Traction Power Inverter Module Resolver 1 S2 Signal	I	-
9	0.75	BK	7646	Transmission Traction Power Inverter Module Resolver 1 S4 Signal	I	-
10	0.5	BK	7654	Traction Power Inverter Motor 1 Temperature Sensor Low Reference	I	-
11	0.5	BK	7653	Traction Power Inverter Motor 1 Temperature Sensor Signal	I	-
12	0.5	BK	9005	-	I	-

T18 BATTERY CHARGER X1



Connector Part Information

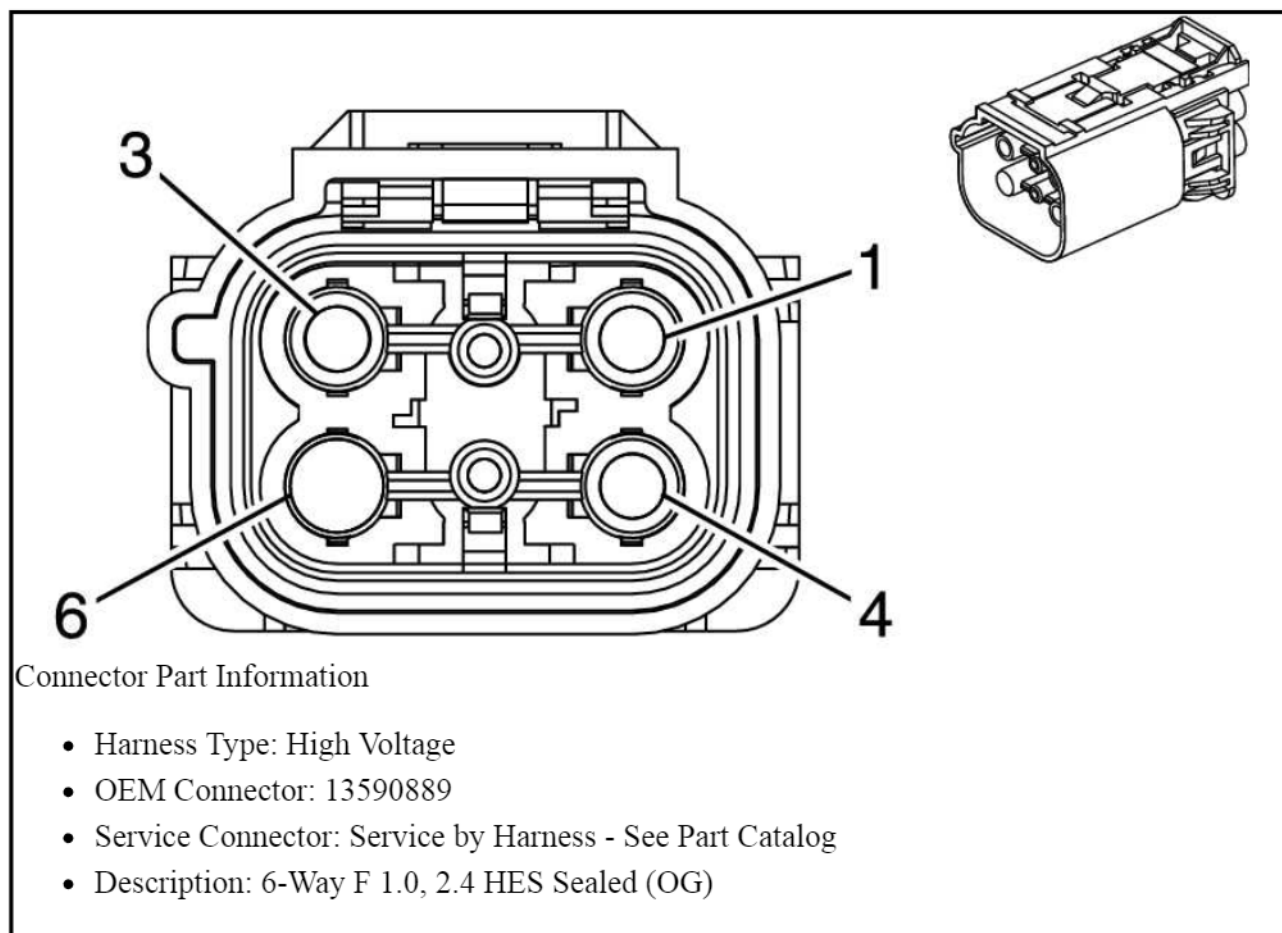
- Harness Type: Engine
- OEM Connector: 33472-1291
- Service Connector: 19352908
- Description: 12-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.5	BK	150	Ground	I	-
3	0.5	VT/WH	3643	High Voltage Onboard Charging DC Voltage Sense Signal	I	-
4	0.5	YE/GY	3645	High Voltage Onboard Charging Control	I	-
5 - 8	-	-	-	Not Occupied	-	-
9	0.5	RD/YE	740	Battery Positive Voltage	I	-
10	0.5	GN/GY	3644	High Voltage Onboard Charging AC Voltage Sense Signal	I	-
11	0.5	BU/YE	3646	High Voltage Onboard Charging Enable	I	-
12	-	-	-	Not Occupied	-	-

T18 BATTERY CHARGER X2



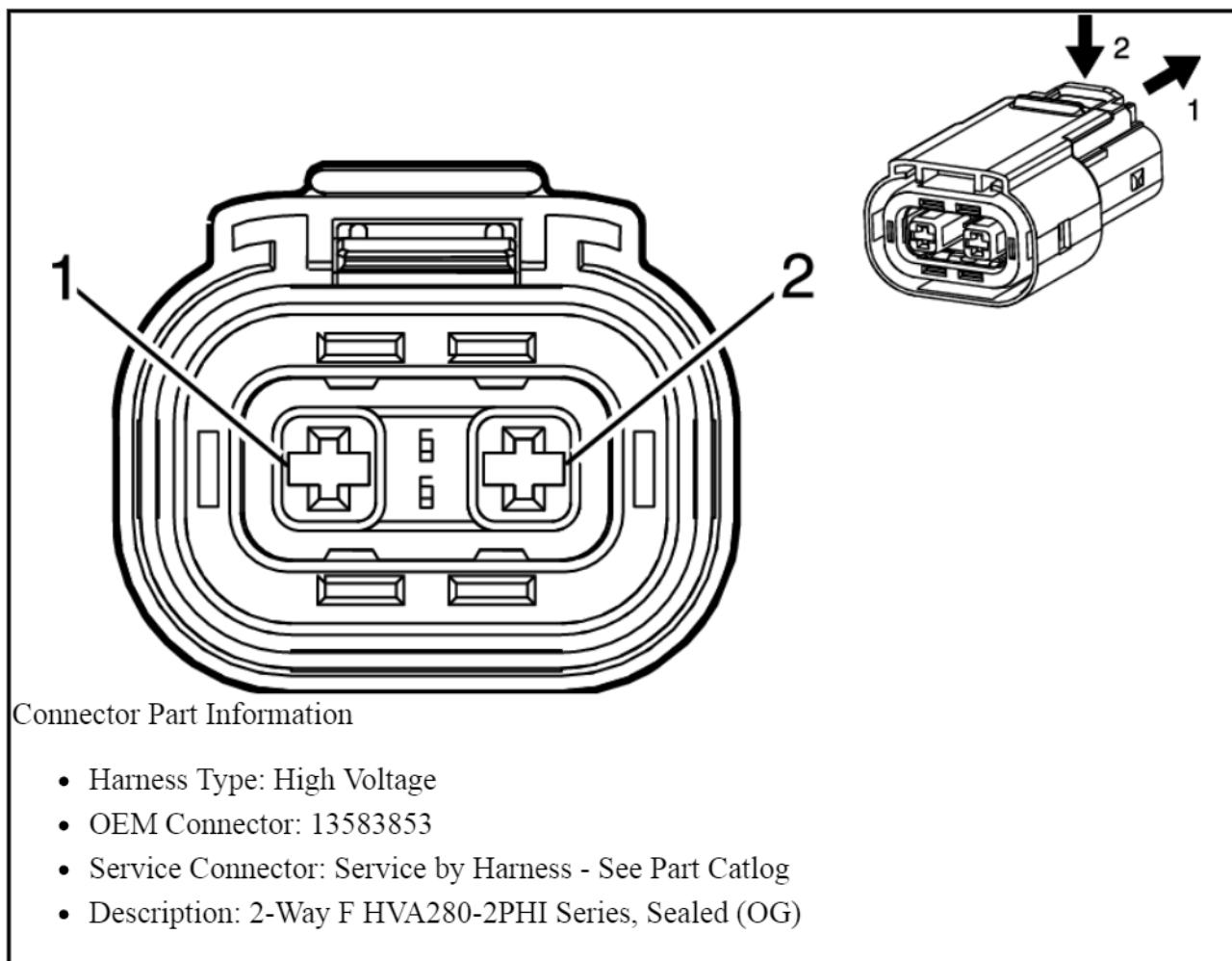
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU	3837	Voltage AC Line 1	I	-
2	-	-	-	Not Occupied	-	-
3	-	GN	3952	Voltage AC Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	-	WH	3838	Voltage AC Neutral Line 2	I	-
5 - 6	-	-	-	Not Occupied	-	-

T18 BATTERY CHARGER X3

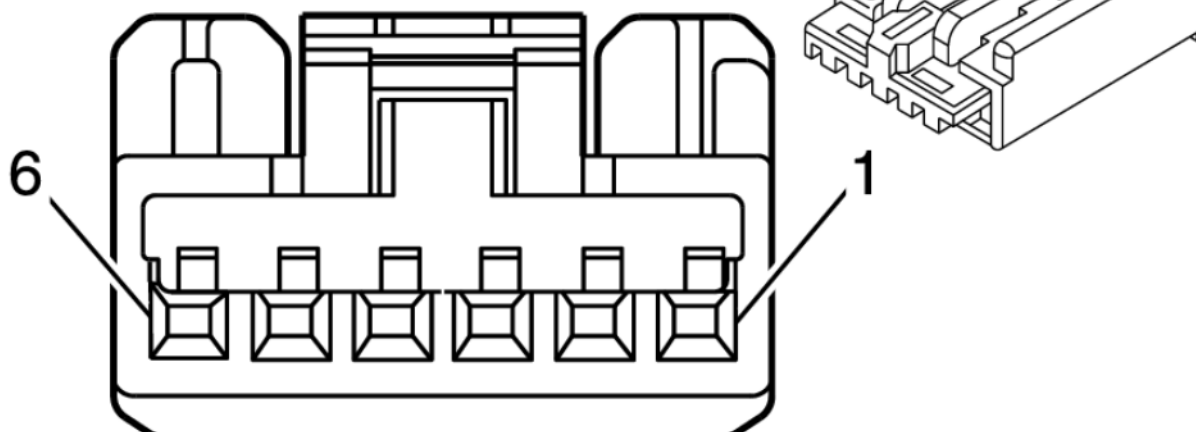


Terminal Part Information

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	-	-	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	5	OG	3834	High Voltage Battery 2 (+)	I	-
2	5	OG/BK	3833	High Voltage Battery 2 (-)	I	-

T22 MOBILE DEVICE WIRELESS CHARGER MODULE (K4C)



Connector Part Information

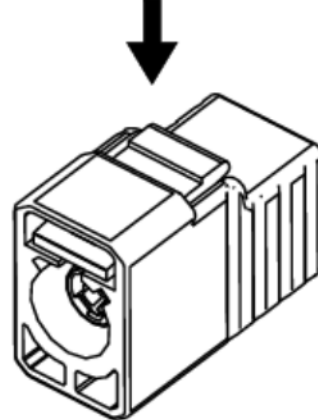
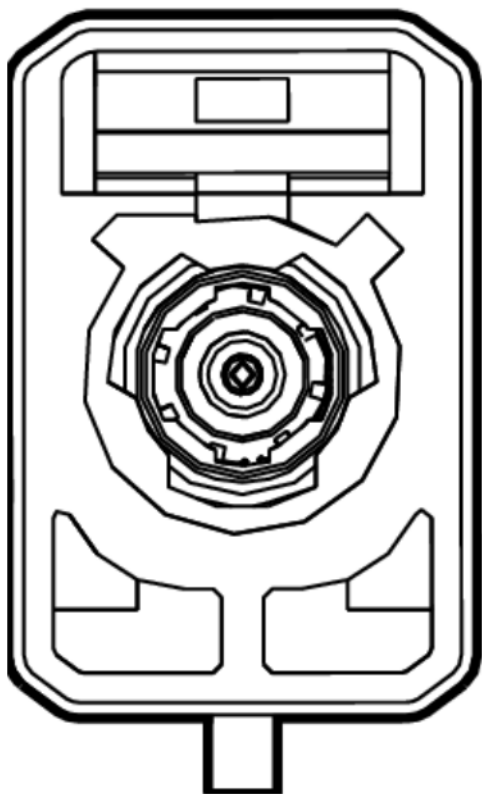
- Harness Type: Floor Console
- OEM Connector: AIT2PB-06-1FS
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Series (NA)

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	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	4601	Retained Accessory Power Fused Control	I	K4C
2	0.5	BK	550	Ground	I	K4C
3	0.35	GN	4512	Wireless Charging System Charge Indicator Control	I	K4C
4 - 6	-	-	-	Not Occupied	-	-

T23 RADIO ANTENNA AMPLIFIER X1



Connector Part Information

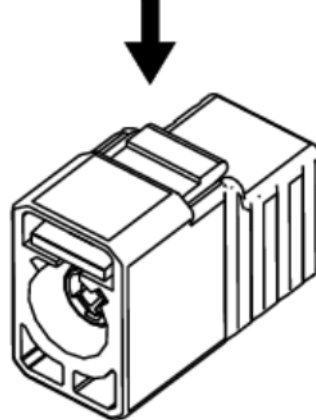
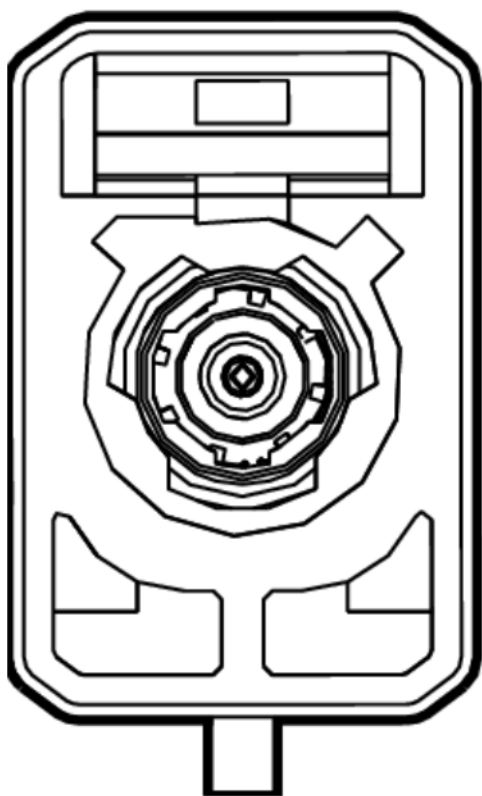
- Harness Type: Radio Antenna Amplifier
- OEM Connector: 13581684
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

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	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

T23 RADIO ANTENNA AMPLIFIER X2



Connector Part Information

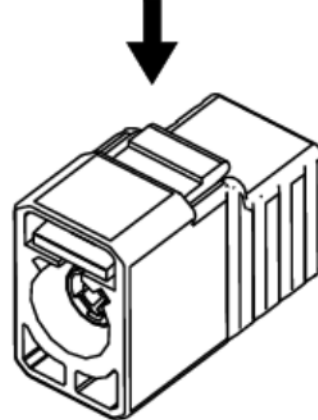
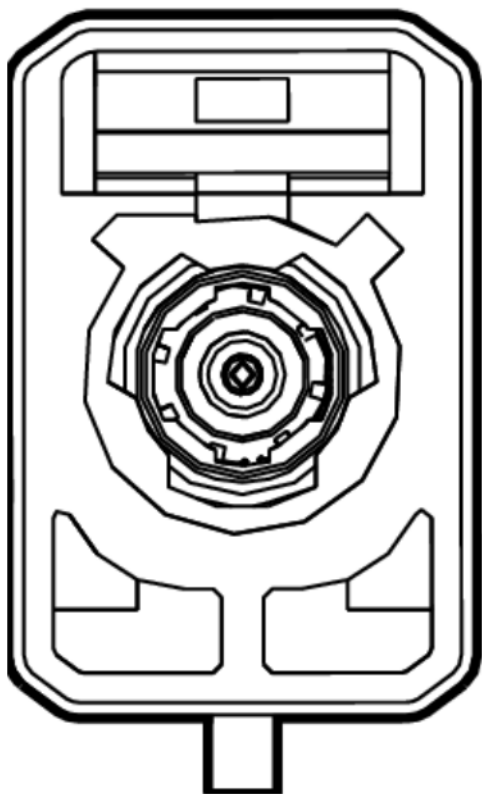
- Harness Type: Radio Antenna Amplifier
- OEM Connector: 13581684
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

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	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

T23 RADIO ANTENNA AMPLIFIER X3



Connector Part Information

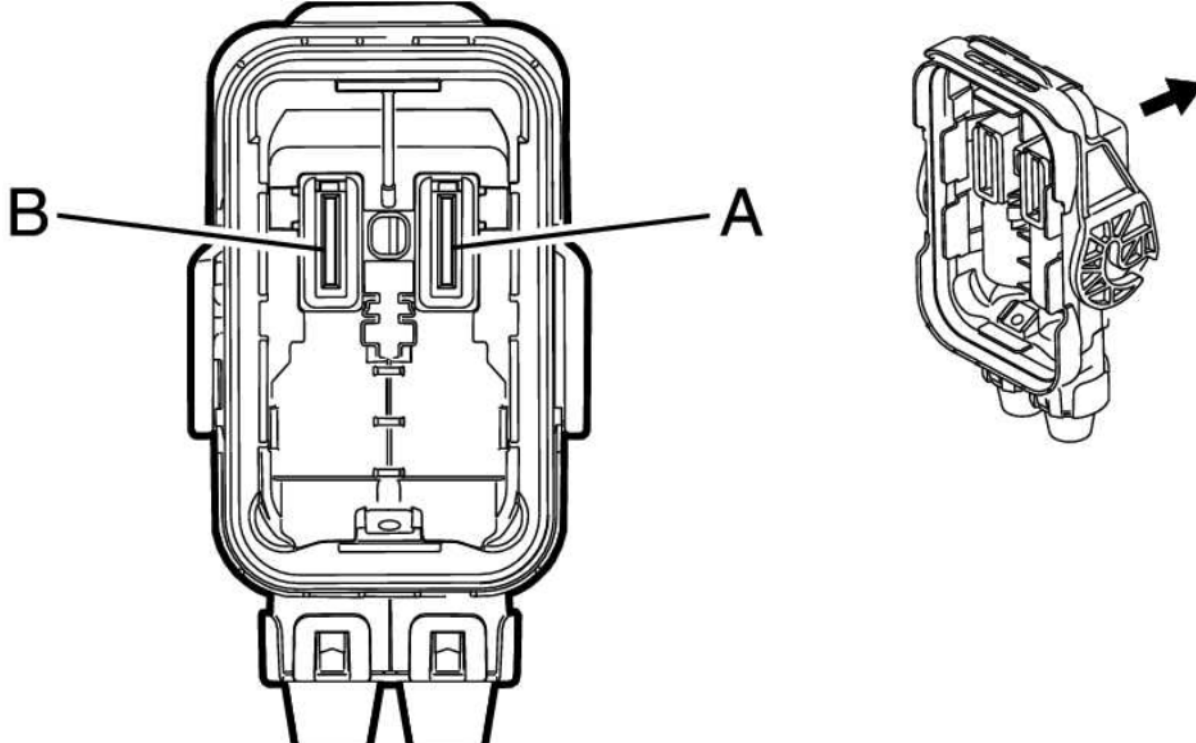
- Harness Type: Radio Antenna Amplifier
- OEM Connector: 13581684
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

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	Function	Terminal Type ID	Option
-	-	Coax	-	(DAB/DMB) Coaxial Antenna DAB Signal	I	-

T24 BATTERY CHARGER - DC X2



Connector Part Information

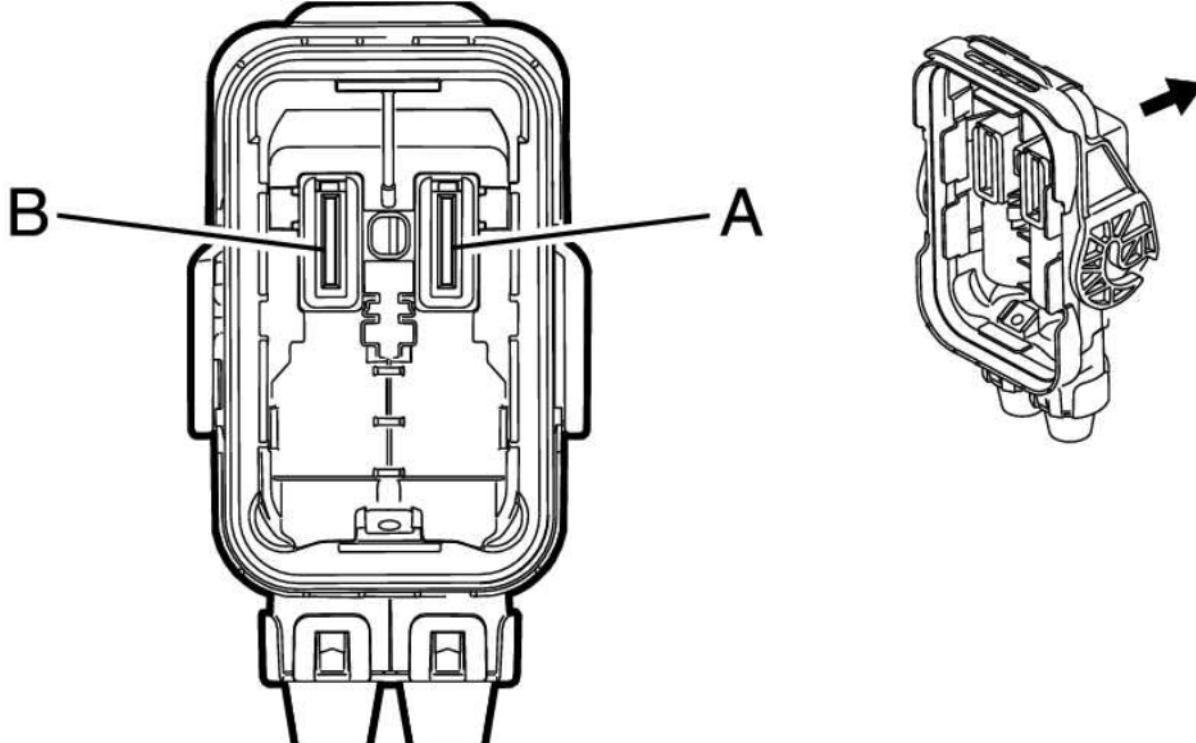
- Harness Type: Engine
- OEM Connector: 13598848
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	4336	B+ (360 V)	I	-
B	-	OG/BK	4335	360 VDC Ground	I	-

T24 BATTERY CHARGER - DC X3



Connector Part Information

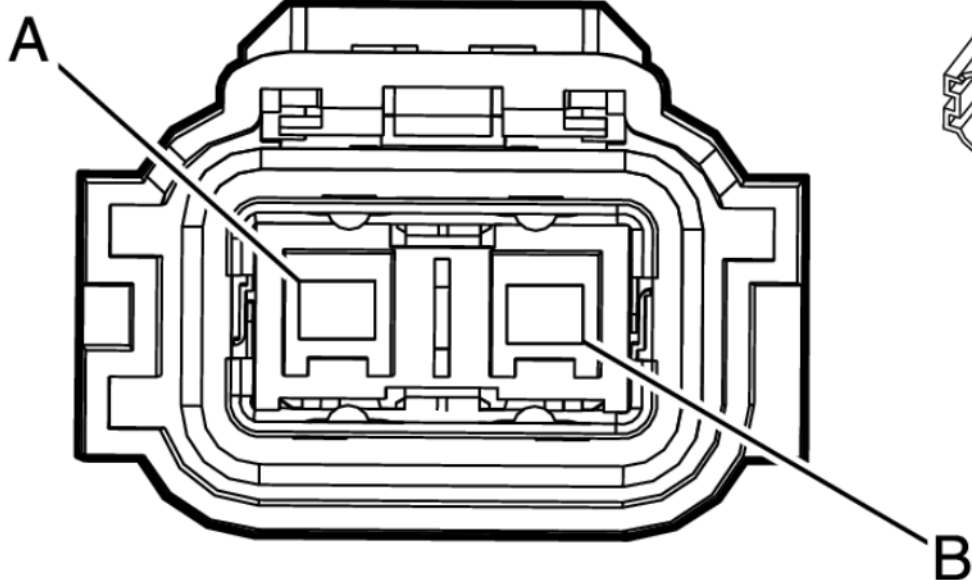
- Harness Type: Engine
- OEM Connector: 13598848
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-
B	-	OG/BK	5083	High Voltage Battery (-)	I	-

T24 BATTERY CHARGER - DC X4



Connector Part Information

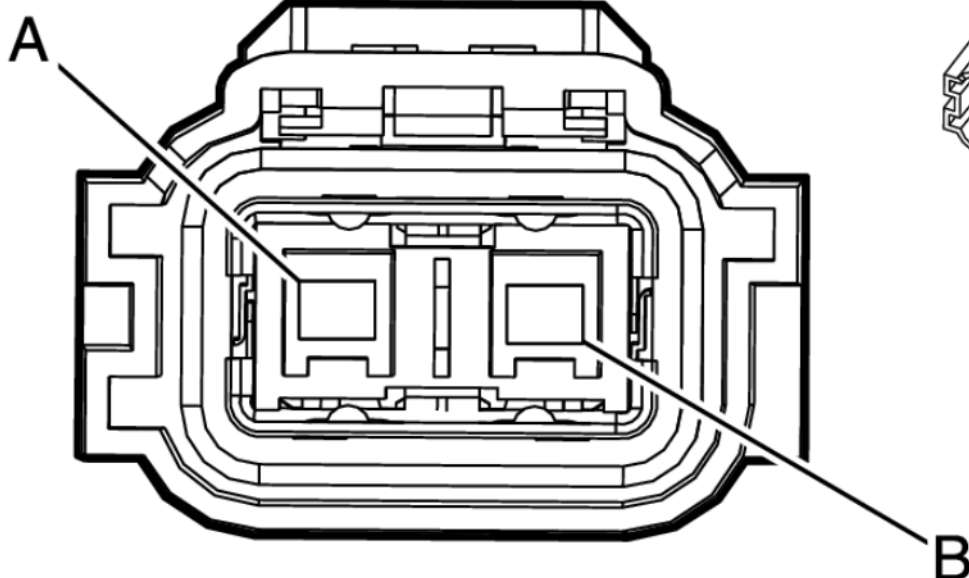
- Harness Type: Engine
- OEM Connector: 13511582
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3970	High Voltage Battery 4 (+)	I	-
B	-	OG/BK	3969	High Voltage Battery 4 (-)	I	-

T24 BATTERY CHARGER - DC X5



Connector Part Information

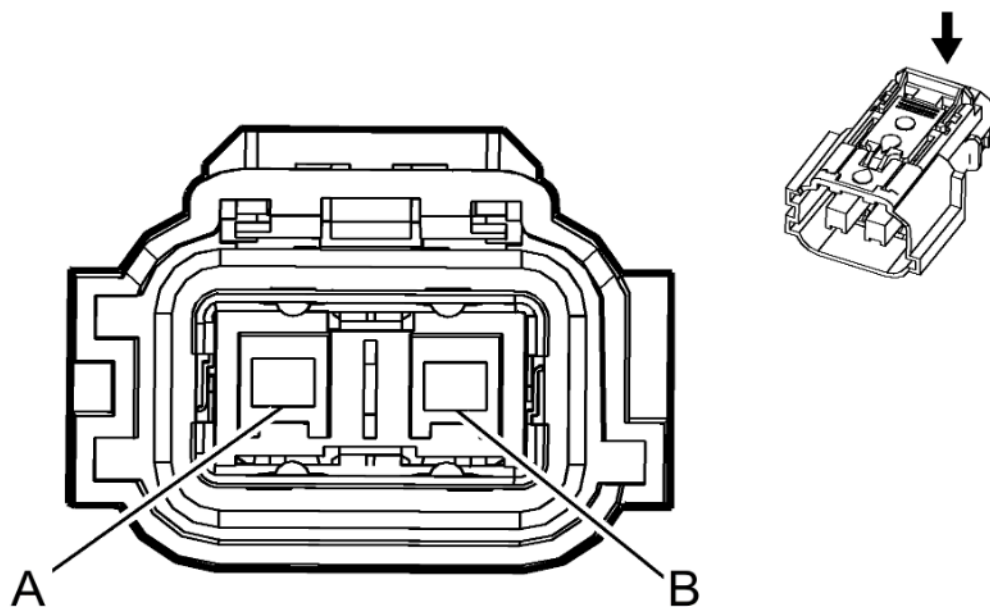
- Harness Type: Engine
- OEM Connector: 13511584
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3974	High Voltage Battery 5 (+)	I	-
B	-	OG/BK	3973	High Voltage Battery 5 (-)	I	-

T24 BATTERY CHARGER - DC X6



Connector Part Information

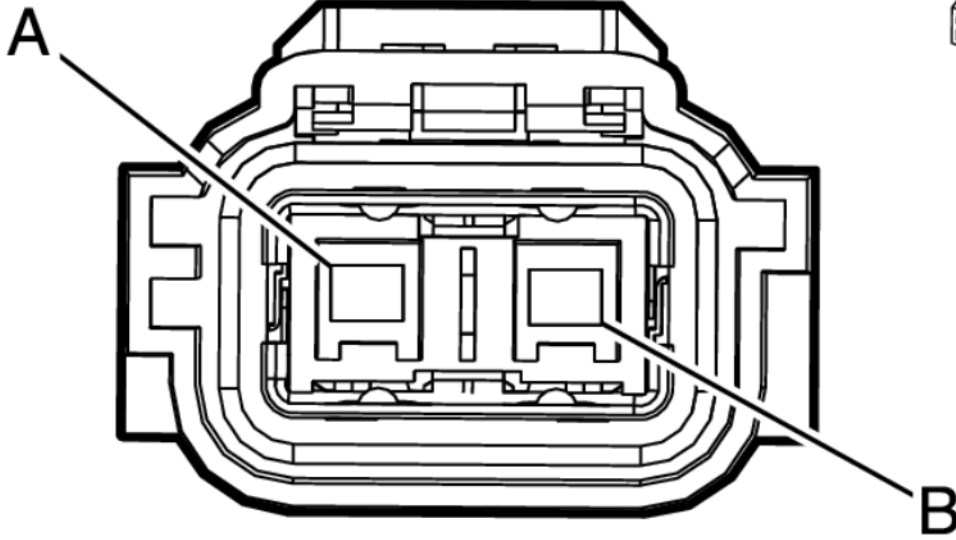
- Harness Type: Engine
- OEM Connector: 13511585
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3834	High Voltage Battery 2 (+)	I	-
B	-	OG/BK	3833	High Voltage Battery 2 (-)	I	-

T24 BATTERY CHARGER - DC X7



Connector Part Information

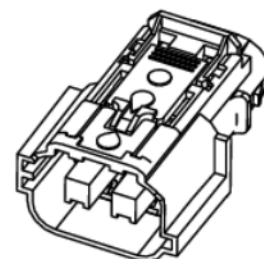
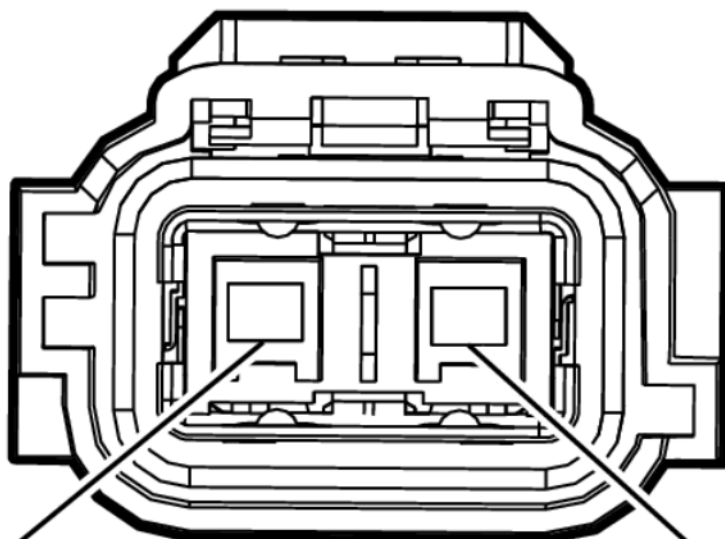
- Harness Type: Engine
- OEM Connector: 13511583
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	2427	High Voltage Battery 6 (+)	I	-
B	-	OG/BK	2429	High Voltage Battery 6 (-)	I	-

T24 BATTERY CHARGER - DC X8



A

B

Connector Part Information

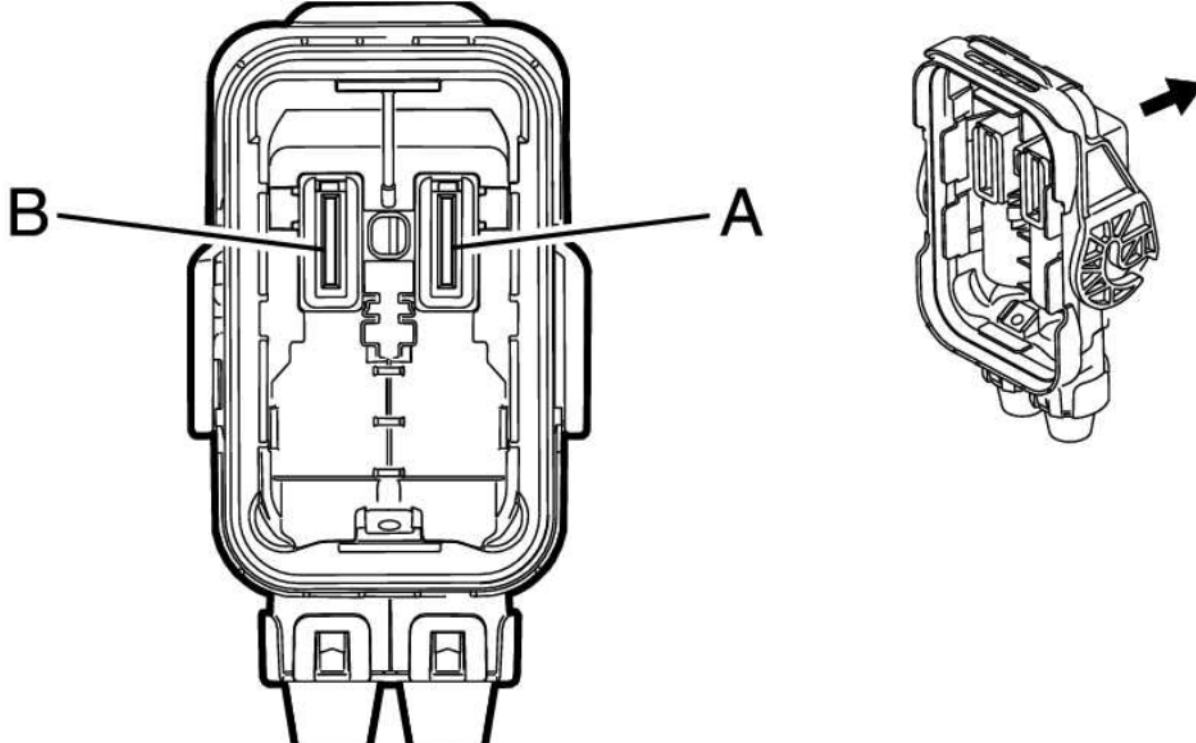
- Harness Type: Engine
- OEM Connector: 13511586
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	2483	High Voltage Battery 7 (+)	I	-
B	-	OG/BK	2485	High Voltage Battery 7 (-)	I	-

T24 BATTERY CHARGER - DC X1



Connector Part Information

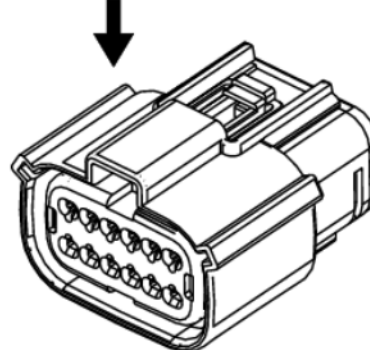
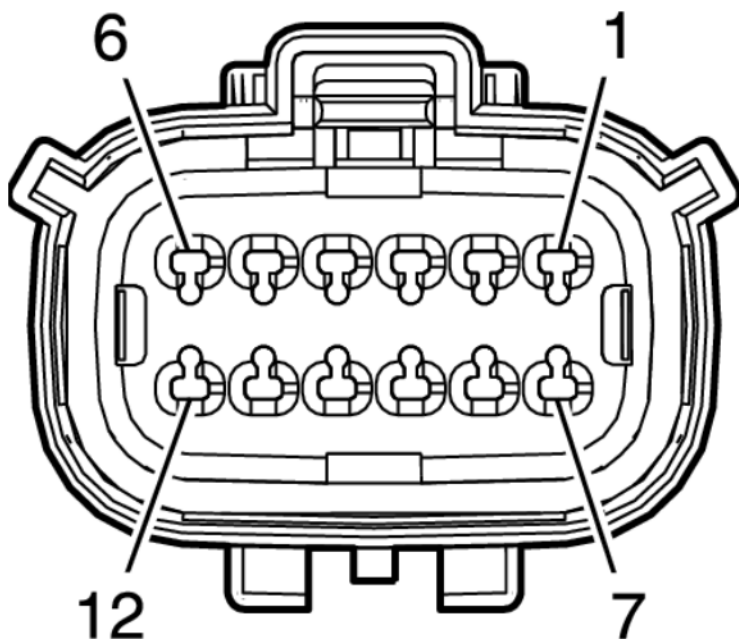
- Harness Type: Engine
- OEM Connector: 13598848
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	3966	High Voltage Battery 3 (+)	I	-
B	-	OG/BK	3965	High Voltage Battery 3 (-)	I	-

T24 BATTERY CHARGER - DC X9 (-CBT)



Connector Part Information

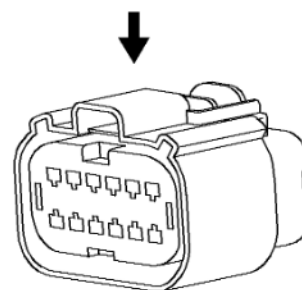
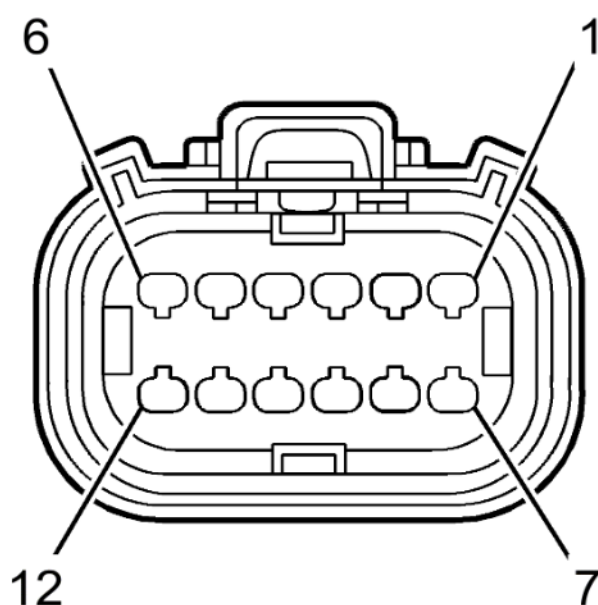
- Harness Type: Engine
- OEM Connector: 33472-1296
- Service Connector: 13503528
- Description: 12-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300635	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	350	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	BK	350	Ground	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	VT	4334	Battery Pack Coolant Heater Control	I	-
7	0.5	GY/VT	5595	High Voltage Interlock Loop Signal 2	I	-
8 - 11	-	-	-	Not Occupied	-	-
12	0.5	YE	5690	High Voltage Interlock Loop Signal 3	I	-

X21 MANUAL SERVICE DISCONNECT RECEPTACLE X1



Connector Part Information

- Harness Type: Battery Disconnect
- OEM Connector: 13586052
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 150 MX Series, Sealed (D-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	BUS	-	I	-
2 - 12	-	-	-	Not Occupied	-	-

X21 MANUAL SERVICE DISCONNECT RECEPTACLE X2

Connector Part Information

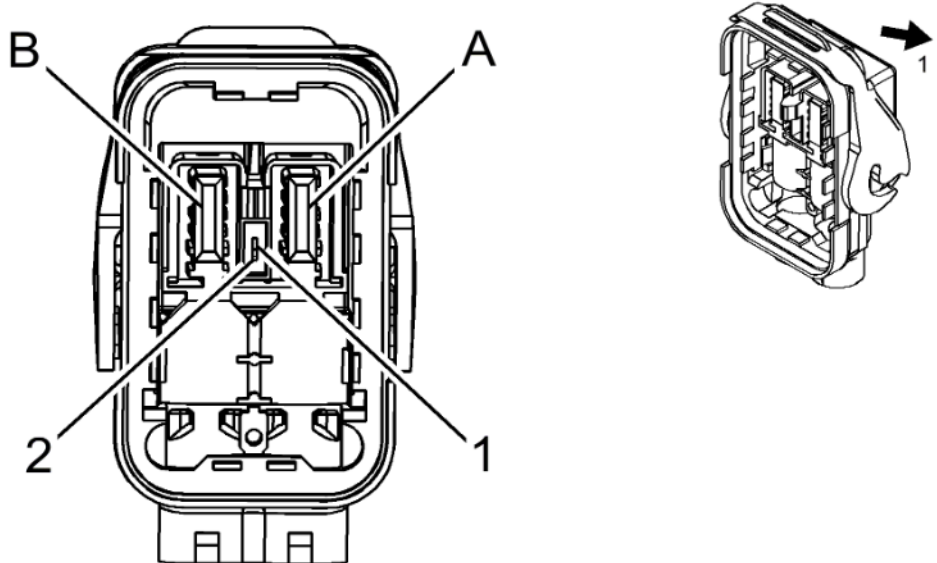
- Harness Type: Battery Disconnect
- OEM Connector: 13589660
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	BUS	-	I	-

X21 MANUAL SERVICE DISCONNECT RECEPTACLE X3



Connector Part Information

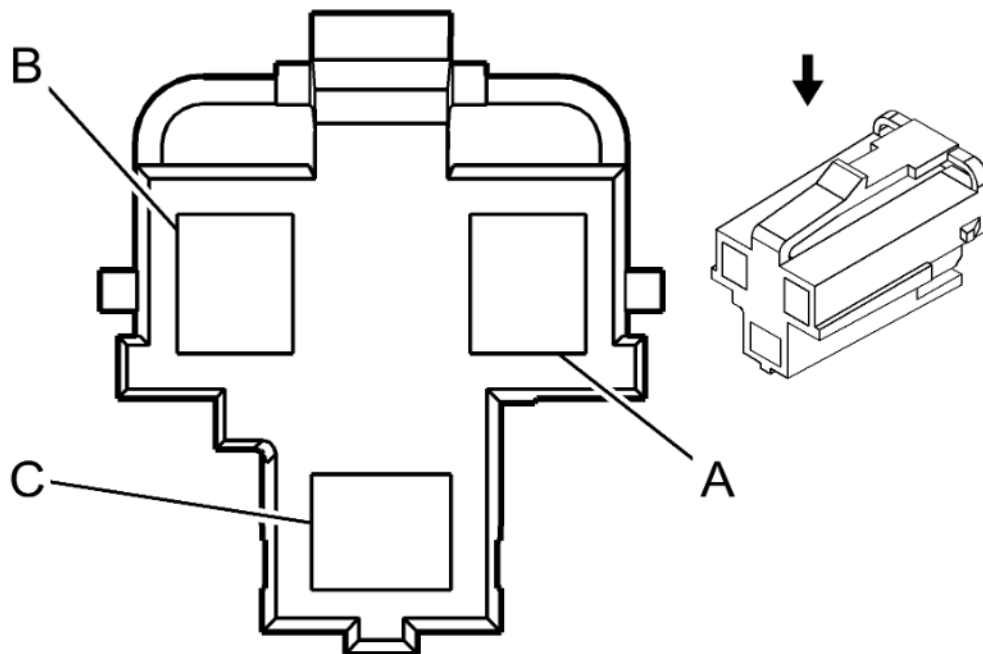
- Harness Type: Battery Disconnect
- OEM Connector: 13584040
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F Power Pack 2000 Series, Sealed

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT	5087	High Voltage Interlock Loop Signal 1	I	-
2	-	BK/BN	5088	High Voltage Interlock Loop Low Reference 1	I	-
A - B	-	-	-	Not Occupied	-	-

X80 ACCESSORY POWER RECEPTACLE



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12176446
- Service Connector: 19257374
- Description: 3-Way F 280 Metri-Pack Flexlock Series (BK)

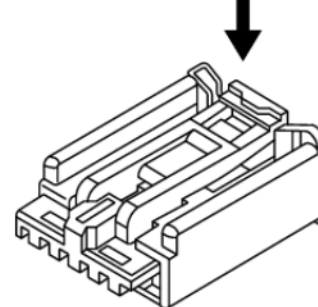
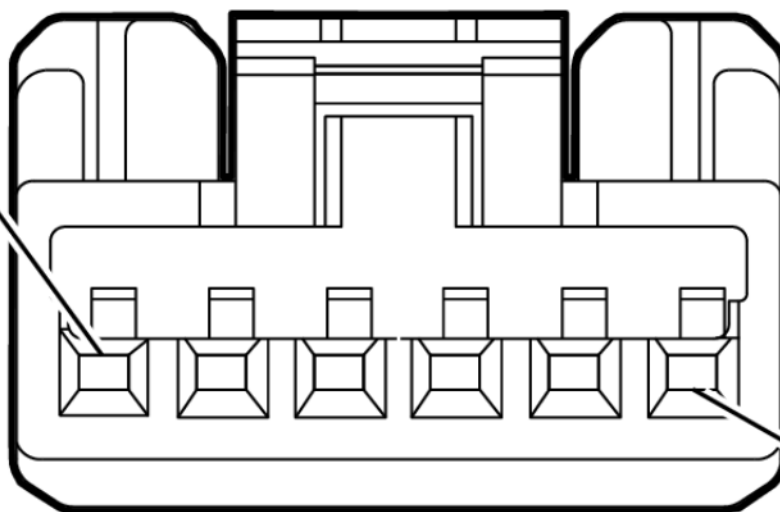
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	1	VT	1701	Retained Accessory Power Ignition	I	-
B	-	-	-	Not Occupied	-	-
C	1	BK	1350	Ground	I	-

X83 AUXILIARY AUDIO INPUT X1

6



1

Connector Part Information

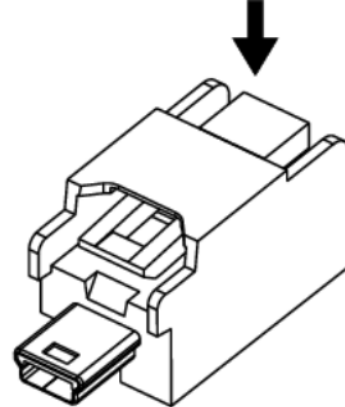
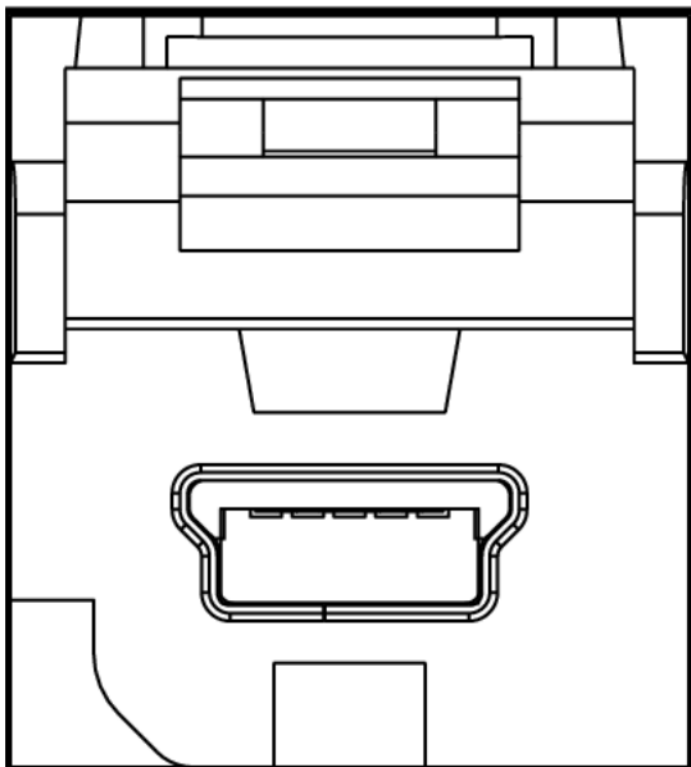
- Harness Type: Floor Console
- OEM Connector: AIT2PB-06-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	BK	2050	Ground	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/GN	6940	Battery Positive Voltage	I	-

X83 AUXILIARY AUDIO INPUT X2



Connector Part Information

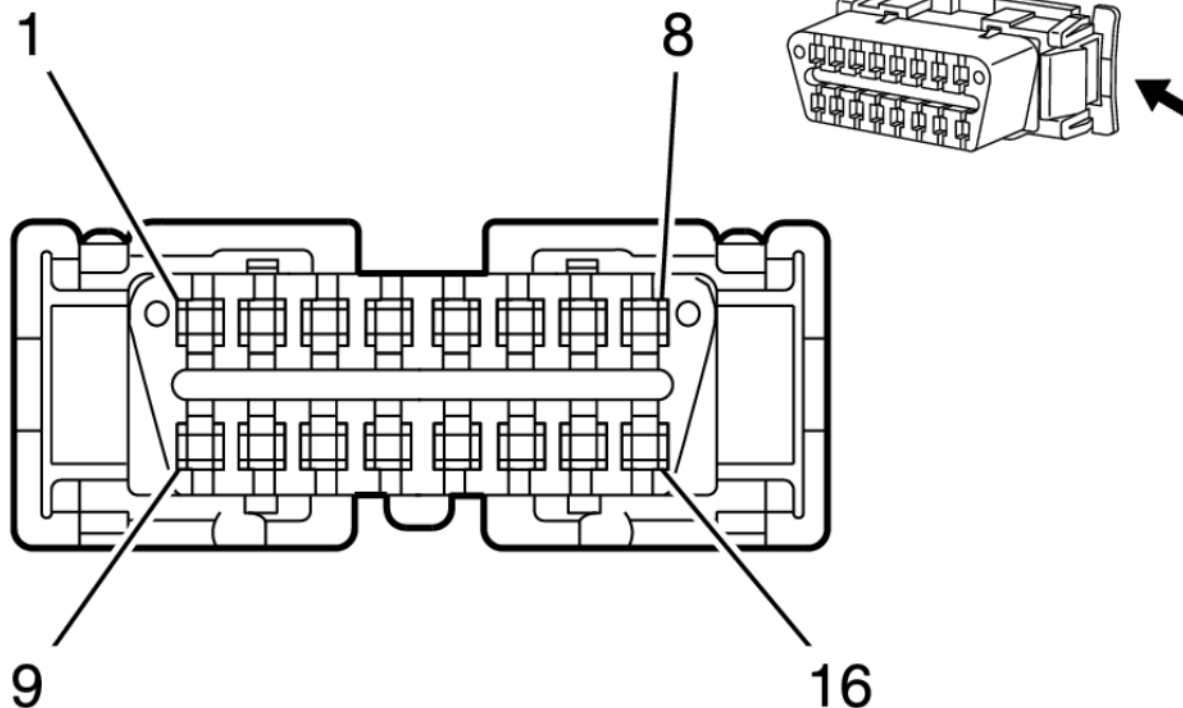
- Harness Type: Floor Console
- OEM Connector: 13868840
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

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	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

X84B AUXILIARY DATA CONNECTOR X2



Connector Part Information

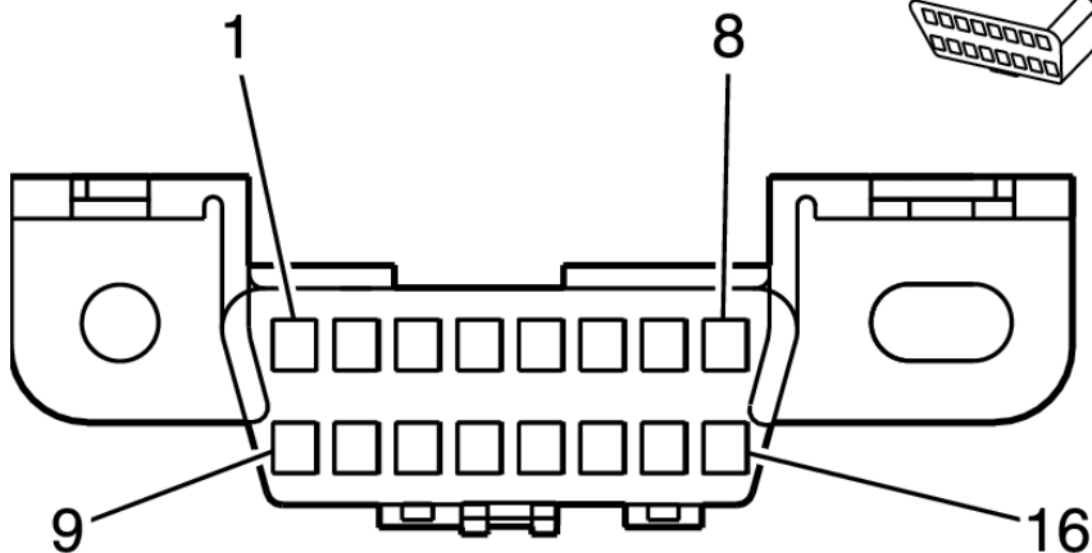
- Harness Type: Instrument Panel
- OEM Connector: 51115-1621
- Service Connector: 13584381
- Description: 16-Way F 51115 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575534	J-35616-2A (GY)	J-38125-12A	50420-8000	Yazaki 15	H	H

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	YE	3831	High Speed GMLAN Serial Data (+) 6	I	-
4	0.5	BK	1450	Ground	I	-
5	0.5	BK	1450	Ground	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.5	BK	1450	Ground	I	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.5	WH	3832	High Speed GMLAN Serial Data (-) 6	I	-
12	0.5	BU/BK	7493	High Speed GMLAN Serial Data (+)3	I	-
13	0.5	WH	7494	High Speed GMLAN Serial Data (-)3	I	-
14 - 15	-	-	-	Not Occupied	-	-
16	0.5	RD/BN	4940	Battery Positive Voltage	I	-

X84 DATA LINK CONNECTOR



Connector Part Information

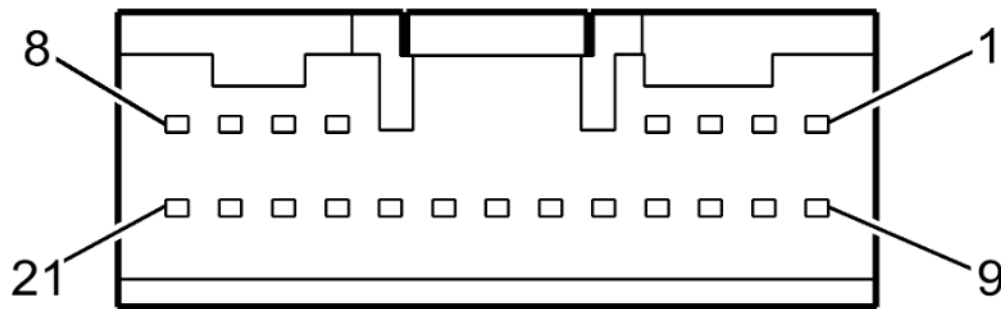
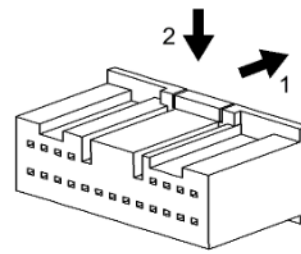
- Harness Type: Instrument Panel
- OEM Connector: 12110250
- Service Connector: 12110250
- Description: 16-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575725	J-35616-14 (GN)	J-38125-12A	12129484	Delphi 19	E	C

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	BK	1350	Ground	I	-
5	0.5	BK	1250	Ground	I	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	0.5	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
13	0.5	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	RD/GY	4840	Battery Positive Voltage	I	-

X85 STEERING WHEEL AIR BAG COIL X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: ATLCPB-21B-2AY
- Service Connector: 13510218
- Description: 21-Way F 0.64 Series, Sealed (YE)

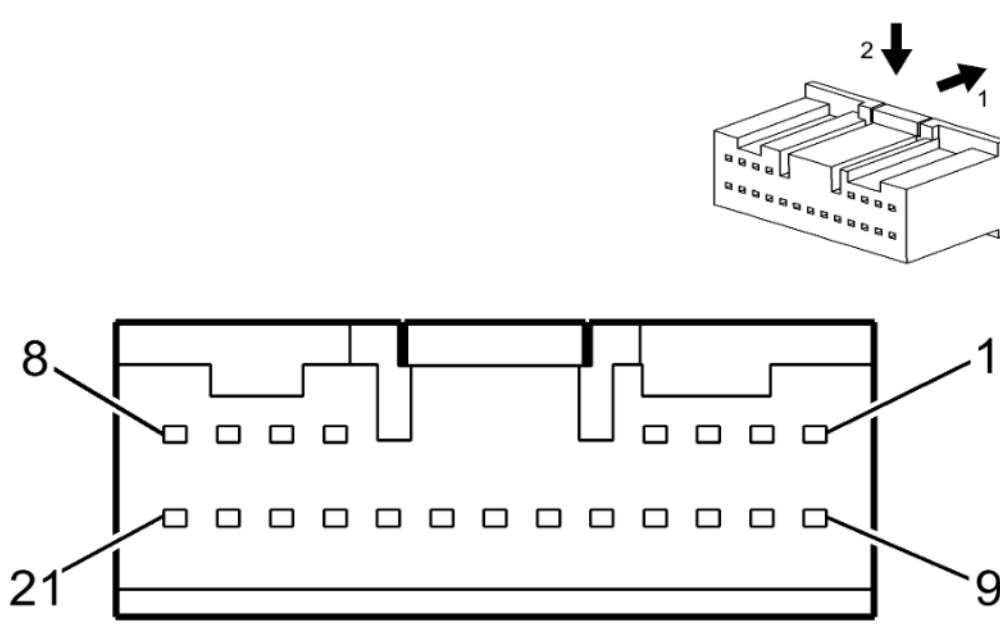
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575864	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03GF-M064	Yazaki 27	P	P
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	OG/VT	3021	Steering Wheel Module Stage 1 High Control	I	AY0/AYF
2	0.35	BN/OG	3020	Steering Wheel Module Stage 1 Low Control	I	AY0/AYF
3	0.35	WH/OG	3022	Steering Wheel Module Stage 2 Low Control	I	AY0/AYF
4	0.35	OG/GN	3023	Steering Wheel Module Stage 2 High Control	I	AY0/AYF
5	0.35	GN/WH	3287	Horn Switch Signal	II	-
6	0.5	BK	1350	Ground	II	-
7	-	-	-	Not Occupied	-	-
8	0.5	BK	1350	Ground	II	-
9	0.5	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	II	-
10	0.35	YE	6817	LED Backlight Dimming Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
11	0.35	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	II	-
12	0.35	WH	3152	Lane Departure Warning Indicator Control	II	-
13	0.35	YE	7556	Lighting Control Switch Reference	II	-
14	-	-	-	Not Occupied	-	-
15	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	II	-
16	0.5	VT/YE	5526	Tap Up/Tap Down Switch Signal	II	-
17	-	-	-	Not Occupied	-	-
18	0.35	RD/YE	5040	Battery Positive Voltage	II	-
19 - 20	-	-	-	Not Occupied	-	-
21	0.35	VT/GN	2239	Run/Crank Ignition 1 Voltage	II	-

X85 STEERING WHEEL AIR BAG COIL X2



Connector Part Information

- Harness Type: Steering Wheel Harness
- OEM Connector: 13510218
- Service Connector: Service by Harness - See Part Catalog
- Description: 21-Way F 0.64 Series, Sealed (YE)

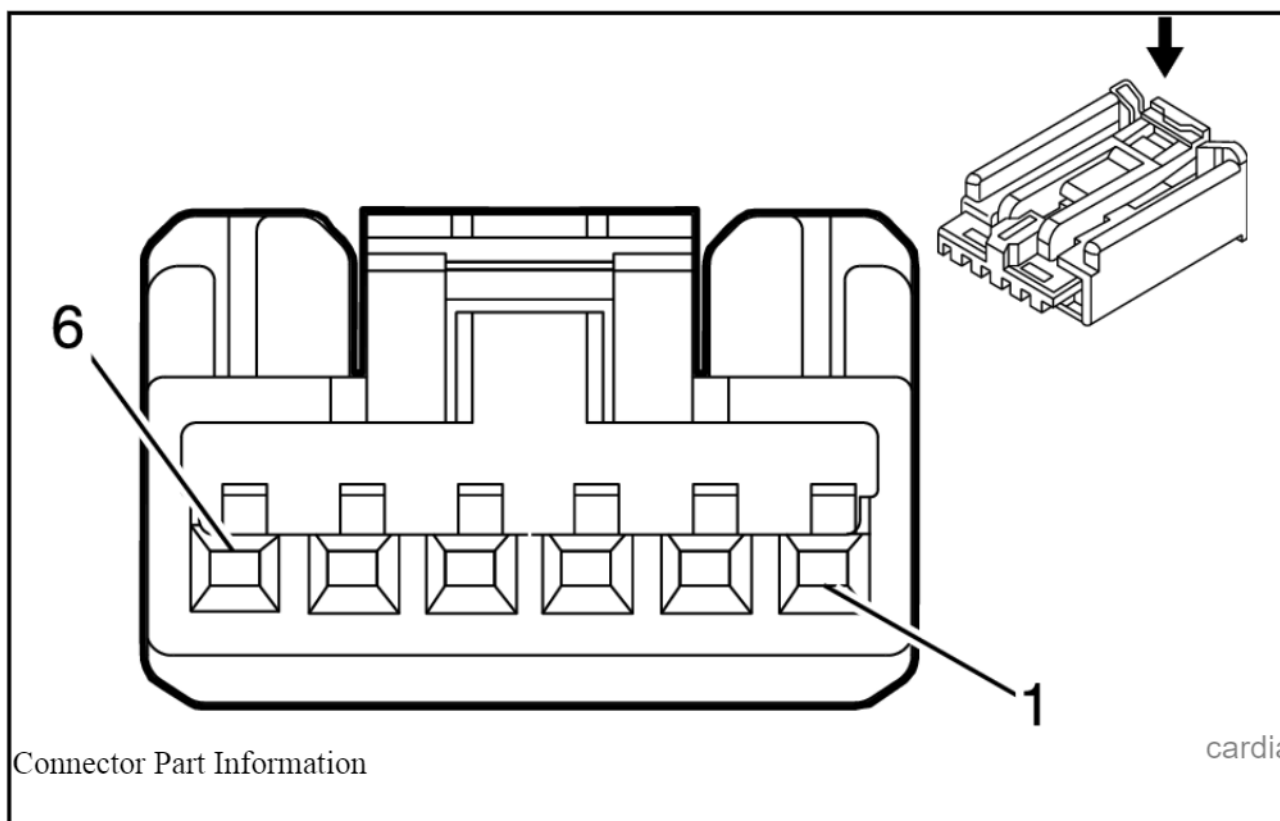
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK	1150	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	-	BK	1650	Ground	I	-
4	-	RD	3287	Horn Switch Signal	I	-
5	-	WH	3023	Steering Wheel Module Stage 2 High Control	I	-
6	-	PK	3022	Steering Wheel Module Stage 2 Low Control	I	-
7	-	BN	3020	Steering Wheel Module Stage 1 Low Control	I	-
8	-	TN	3021	Steering Wheel Module Stage 1 High Control	I	-
9	-	VT/GN	2239	Run/Crank Ignition 1 Voltage	I	-
10 - 11	-	-	-	Not Occupied	-	-
12	-	RD/YE	5040	Battery Positive Voltage	I	-
	-	RD/YE	5440	Battery Positive Voltage	I	-
13	-	-	-	Not Occupied	-	-
14	-	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
15	-	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-
16	-	-	-	Not Occupied	-	-
17	-	YE	7556	Lighting Control Switch Reference	I	-
18	-	WH	3152	Lane Departure Warning Indicator Control	I	-
19	-	BN/GN	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
20	-	YE	6817	LED Backlight Dimming Control	I	-
21	-	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	I	-

X92 USB RECEPTACLE (USS)



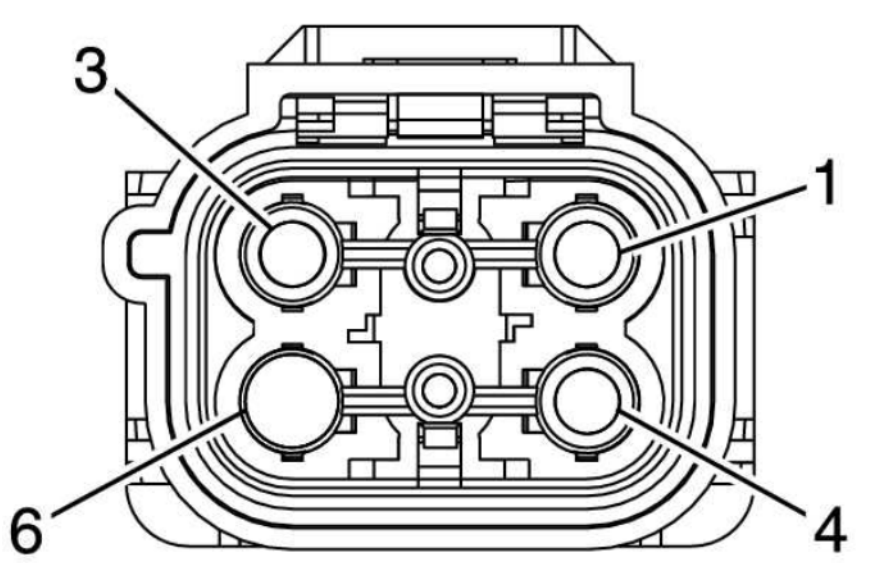
- Harness Type: Floor Console
- OEM Connector: AIT2PB-06-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	0.35	BK	550	Ground	I	USS
5	-	-	-	Not Occupied	-	-
6	0.35	VT	2801	Retained Accessory Power Fuse Ignition	I	USS

X98 HYBRID/EV BATTERY CHARGER RECEPTACLE X1



Connector Part Information

- Harness Type: Battery Charger Receptacle
- OEM Connector: 13593533
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 1.0, 2.4 HES Sealed (OG)

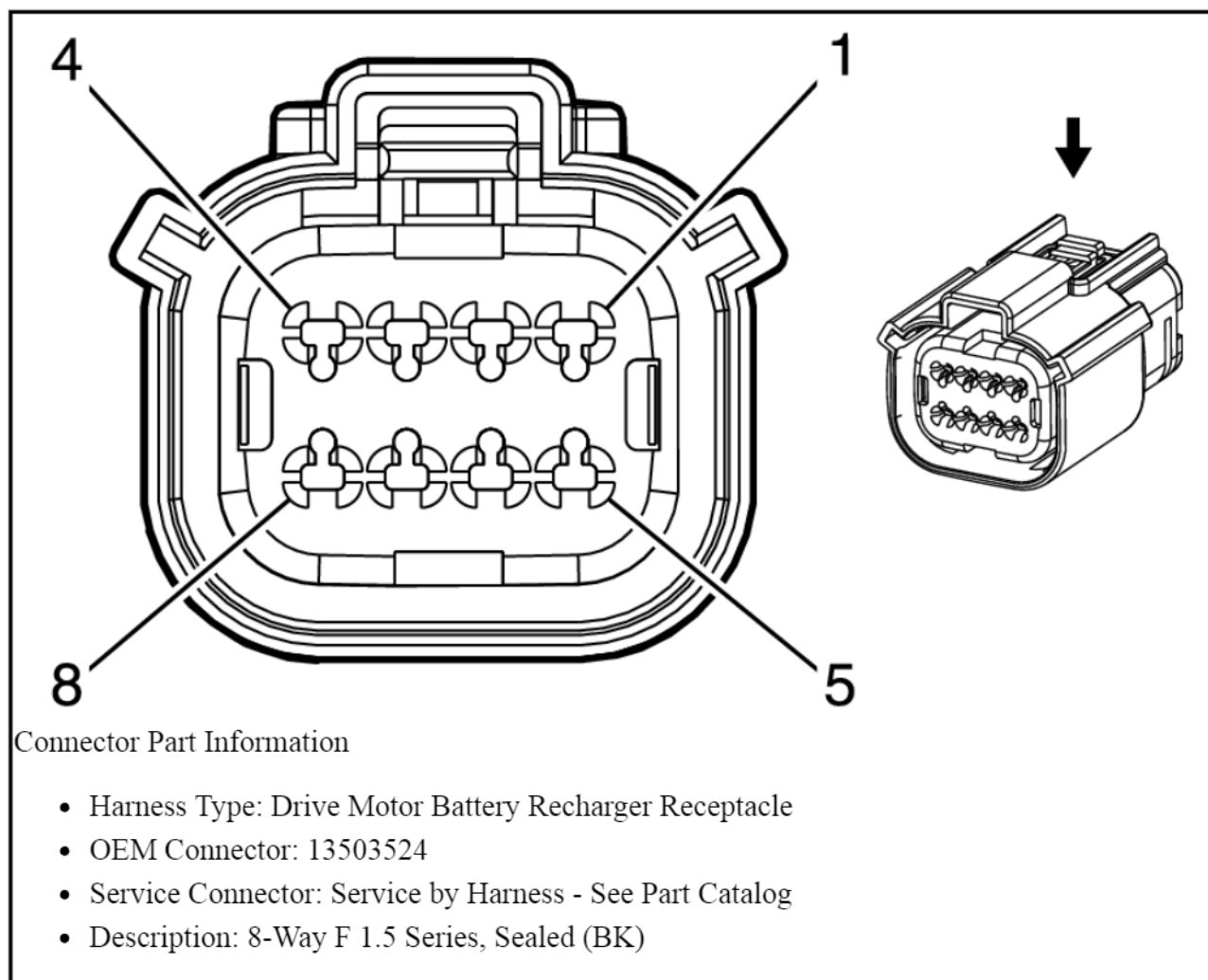
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	-	GY/GN	3954	Control Pilot Signal 1	I	-
3	-	BU	3837	Voltage AC Line 1	I	-
4	-	WH	3838	Voltage AC Neutral Line 2	I	-
5	-	BU/YE	3953	Proximity Status Signal 1	I	-
6	-	-	-	Not Occupied	-	-

X98 HYBRID/EV BATTERY CHARGER RECEPTACLE X2 (CBT)



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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/GY	5239	Battery Charger Receptacle Lock Actuator Position Sensor 5 Volt Reference	I	-
2	-	YE/GY	5241	Battery Charger Receptacle Lock Actuator Position Sensor Low Reference	I	-
3	-	GN/VT	5243	Battery Charger Receptacle Lock Actuator Position Sensor Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	-	VT/BN	3699	Charge Port Door Switch Signal	I	-
5	-	GY/BU	213	Charge Port Paddle Temperature Sensor Signal	I	-
6	-	BK/BU	5404	Charge Port Paddle Temperature Sensor Low Reference	I	-
7	-	BN/YE	2231	Charge Port Valve Motor Close Control	I	-
8	-	BU/WH	2230	Charge Port Valve Motor Open Control	I	-

COMPONENT CONNECTOR END VIEWS**A4 HYBRID/EV BATTERY PACK X1****Connector Part Information**

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-
B	-	OG/BK	5083	High Voltage Battery (-)	I	-

A4 HYBRID/EV BATTERY PACK X3**Connector Part Information**

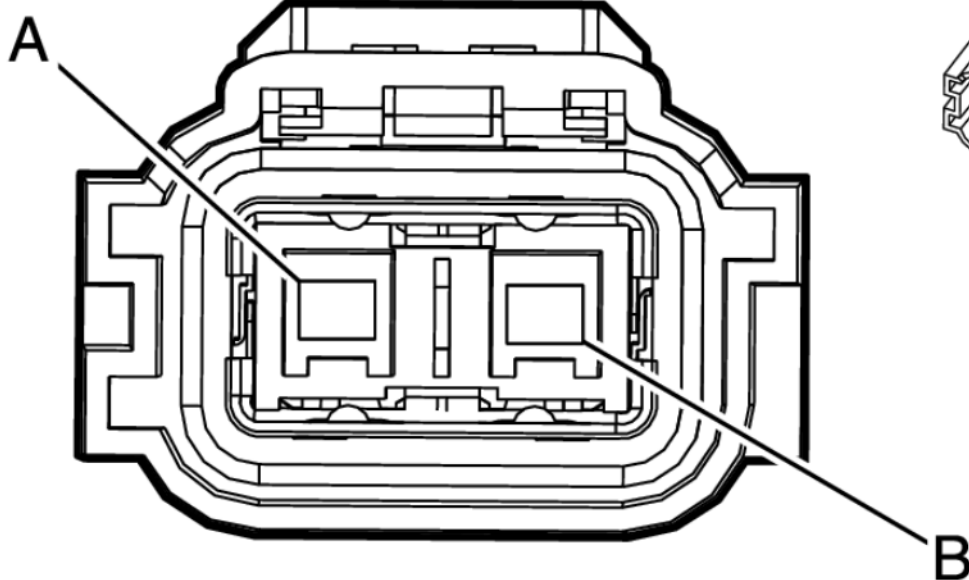
- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	5084	High Voltage Battery (+)	I	-
B	-	OG/BK	5083	High Voltage Battery (-)	I	-

A4 HYBRID/EV BATTERY PACK X4



Connector Part Information

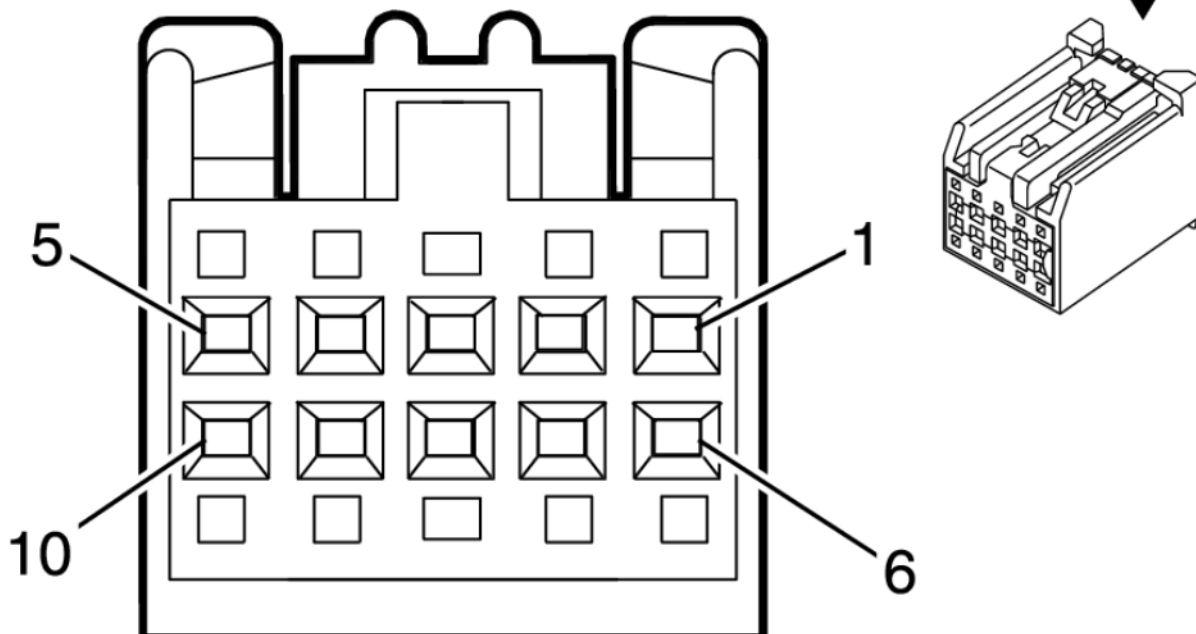
- Harness Type: Hybrid/EV Battery
- OEM Connector: 13511582
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 280 Metri-Pack Series, Sealed (OG)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	OG	2427	High Voltage Battery 6 (+)	I	-
B	-	OG/BK	2429	High Voltage Battery 6 (-)	I	-

A10 INSIDE REARVIEW MIRROR X1



Connector Part Information

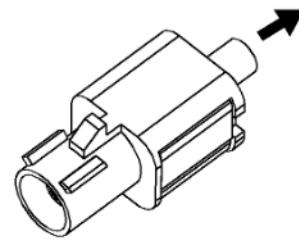
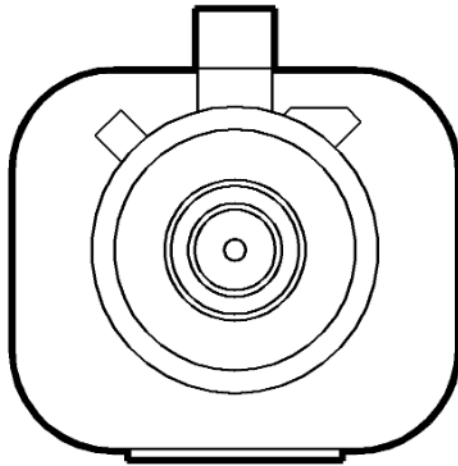
- Harness Type: Headliner
- OEM Connector: AIT2PB-10P-2AK
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	24	Backup Lamp Control	I	-
2	0.5	VT/BK	339	Run/Crank Ignition 1 Voltage	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	550	Ground	I	-
6 - 10	-	-	-	Not Occupied	-	-

A10 INSIDE REARVIEW MIRROR X2 (DRZ)



Connector Part Information

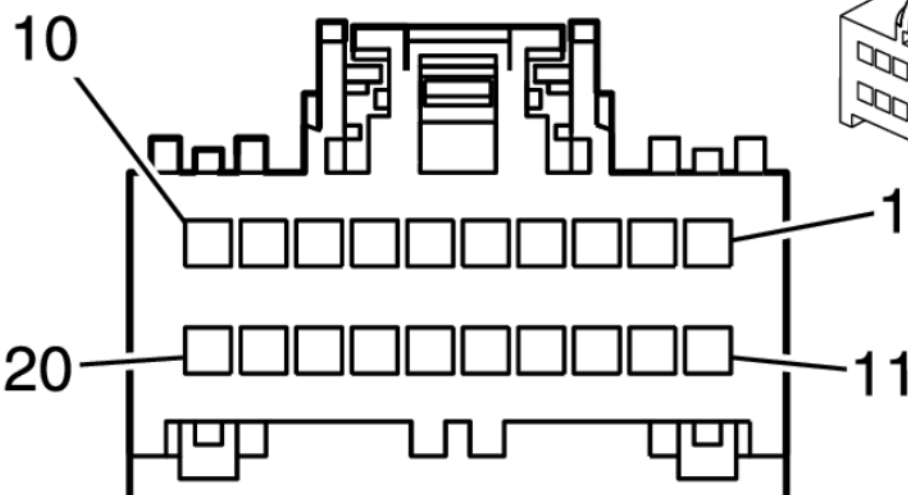
- Harness Type: Headliner Harness
- OEM Connector: 13594293
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way M Coax Type (BK)

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	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

A11 RADIO X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 31410-0201
- Service Connector: 13593932
- Description: 20-Way F USCAR 64 Series (GY)

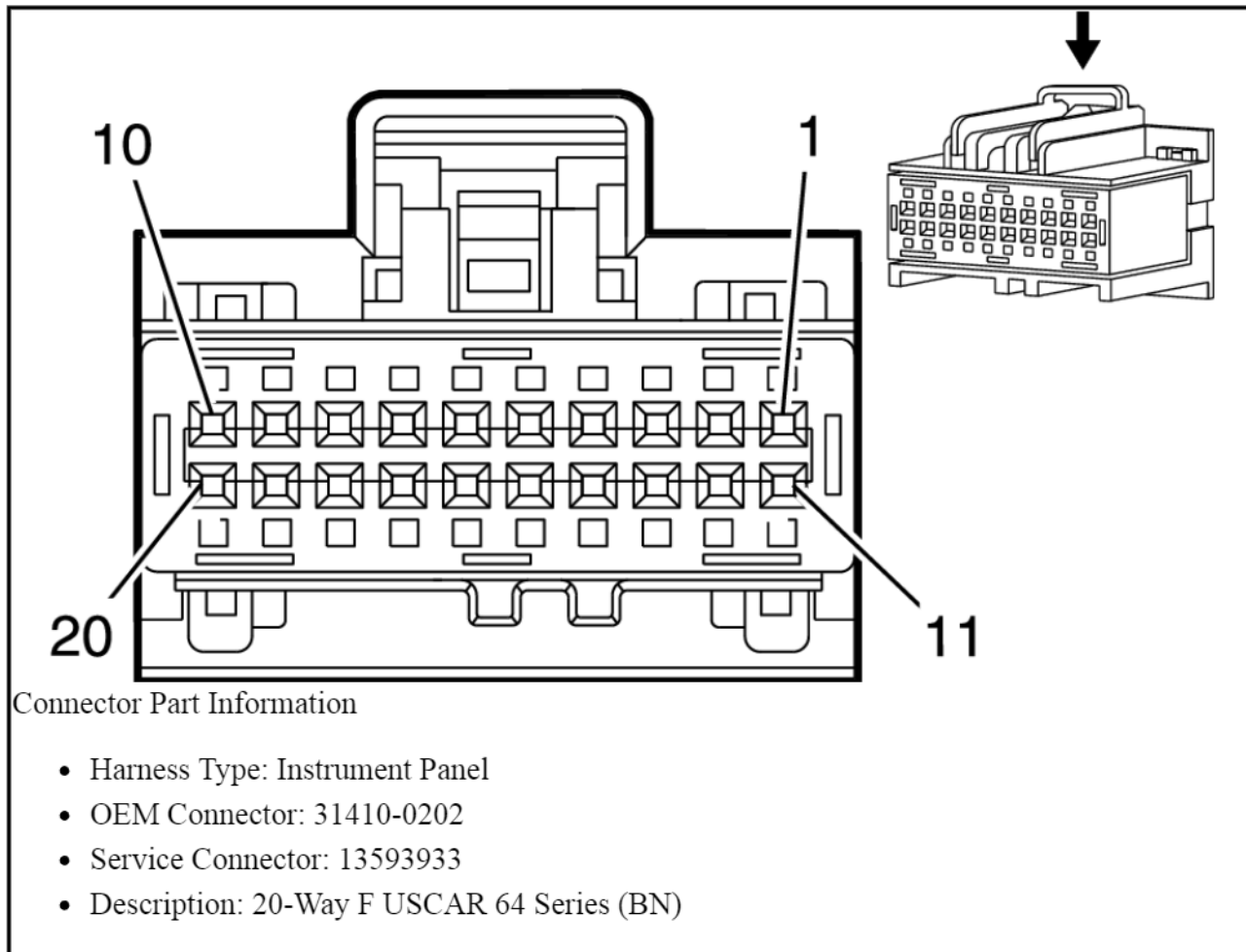
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK/WH	151	Signal Ground	I	-
2	0.35	BK/GN	2804	Radio Display Backlight Low Reference	I	-
3	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	I	-
4	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
5	-	-	-	Not Occupied	-	-
6	0.5 0.5	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	I I	UE1 -UE1
7	0.5 0.5	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	I I	UE1 -UE1
8	0.35	VT/WH	2810	Radio Keypad Button Signal	I	-
9	0.5	BK/YE	659	Cellular Telephone Voice Low Reference	I	UE1
10	0.5	YE	658	Cellular Telephone Voice Signal	I	UE1
11	0.75	RD/WH	6440	Battery Positive Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.5	GN/YE	7066	Entertainment Remote Enable Signal	I	UQA
13	-	-	-	Not Occupied	-	-
14	0.35	WH/BU	6973	Camera Signal 2	I	UVC
	0.35	GN/WH	4661	Combined Camera Video Signal (-)	I	UVH
15	0.35	GY/YE	6972	Camera Signal 2 +	I	UVC
	0.35	WH/VT	4660	Combined Camera Video Signal (+)	I	UVH
16 - 20	-	-	-	Not Occupied	-	-

A11 RADIO X2



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	2550	Ground	I	UQA
2	0.5	VT/BU	6978	Amplifier Control	I	UQA
3	0.35	BN/WH	2809	Radio Keypad Power Signal	I	-
4	0.35	BN	2814	Radio Display Low Voltage Differential Signaling Lock Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	GY/VT	2812	Radio Display Low Voltage Differential Signaling Error Signal	I	-
6	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	-
7	0.35	WH	2811	Radio Display Diagnostic Signal	I	-
8	0.35	BU	4315	Radio Volume Up Signal	I	-
9	0.35	GY/BN	4314	Radio Volume Down Signal	I	-
10	0.75	BK/WH	251	Signal Ground	I	-
11	0.75	WH	46	Right Rear Speaker Control (+)	I	UQ3
	0.75	BN/WH	546	Right Rear Low Level Audio Signal	I	UQA
12	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	UQ3
	0.75	BU/BK	1946	Right Rear Low Level Audio (-) Low Reference	I	UQA
13	0.75	GN	199	Left Rear Speaker Control (+)	I	UQ3
	0.75	GN/BK	599	Left Rear Low Level Audio Signal	I	UQA
14	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UQ3
	0.75	BN/VT	1999	Left Rear Low Level Audio (-) Low Reference	I	UQA
15	0.75	YE/BK	117	Right Front Speaker Signal (-)	I	UQ3
	0.75	BU/BN	1546	Front Low Level Audio (-) Low Reference	I	UQA
16	0.75	YE	200	Right Front Speaker Control (+) 1	I	UQ3
	0.75	YE	512	Right Front Low Level Audio Signal	I	UQA
17	0.75	BN/BU	118	Left Front Speaker Signal (-)	I	UQ3
	0.75	BN/BU	1947	Left Front Low Level Audio (-) Low Reference	I	UQA
18	0.75	BU	201	Left Front Speaker Control (+) 1	I	UQ3
	0.75	BU	511	Left Front Low Level Audio Signal	I	UQA
19	0.5	BK	2550	Ground	I	UQA
20	0.75	RD/WH	6440	Battery Positive Voltage	I	-

A11 RADIO X3

Connector Part Information • Harness Type: USB Cable • OEM Connector: SH3145B • Service Connector: Service by Harness - See Part Catalog • Description: 1-Way

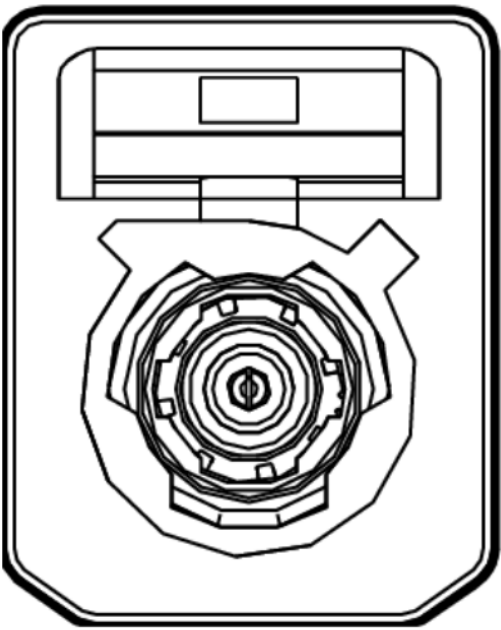
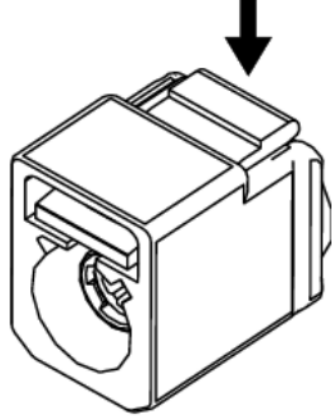
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
GY	-	-	USB	USB Cable	I	-

A11 RADIO X4

Connector Part Information

- Harness Type: Instrument Panel COAX
- OEM Connector: 13591267
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (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	Function	Terminal Type ID	Option
-	-	Coax	-	(AM/FM) Antenna RF Signal	I	-

A11 RADIO X5

Connector Part Information

- Harness Type: Instrument Panel COAX

cardiagn.com

- OEM Connector: 13591282
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
CU	-	-	COAX	Coax Cable	I	-

A11 RADIO X6

Connector Part Information

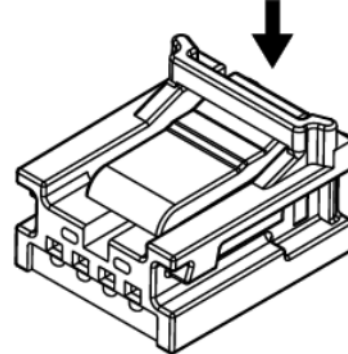
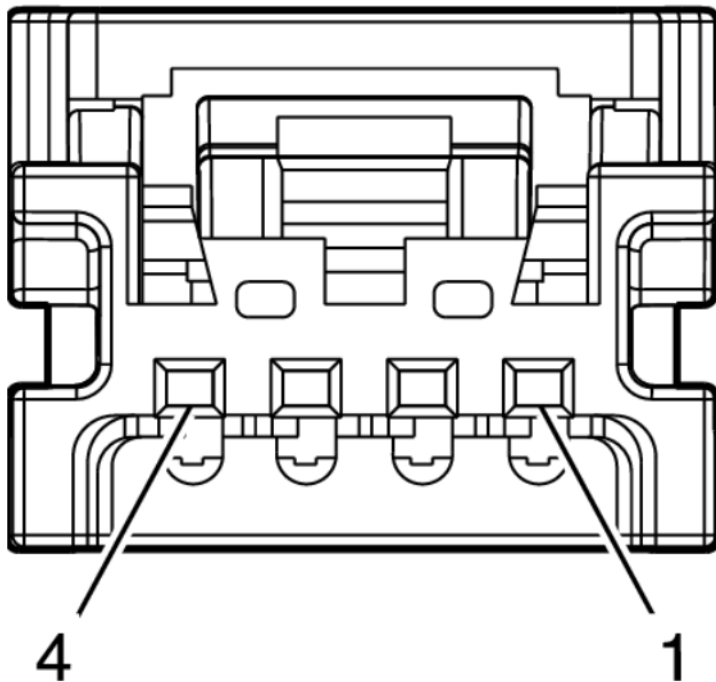
- Harness Type: Instrument Panel COAX
- OEM Connector: 13591274
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
GN	-	-	COAX	Coax Cable	I	-

A11 RADIO X8



Connector Part Information

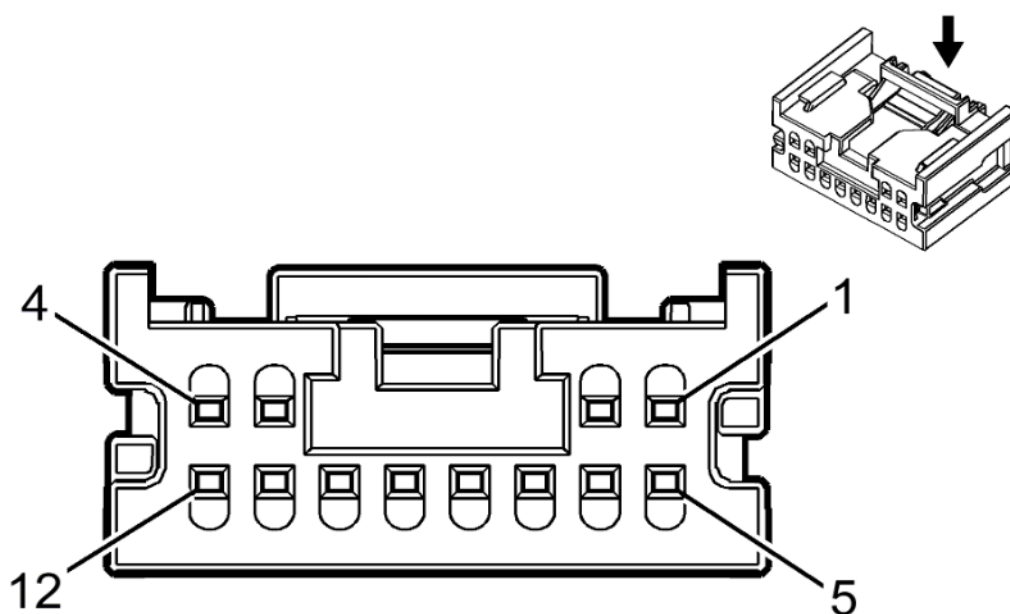
- Harness Type: Instrument Panel
- OEM Connector: 34791-5140
- Service Connector: 19354840
- Description: 4-Way F Mini 50 Series (BK)

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	EL-35616-58 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GN	7217	Ethernet Bus 7 (+)	I	-
3	0.35	WH	7216	Ethernet Bus 7 (-)	I	-
4	-	-	-	Not Occupied	-	-

A20 RADIO/HVAC CONTROLS



Connector Part Information

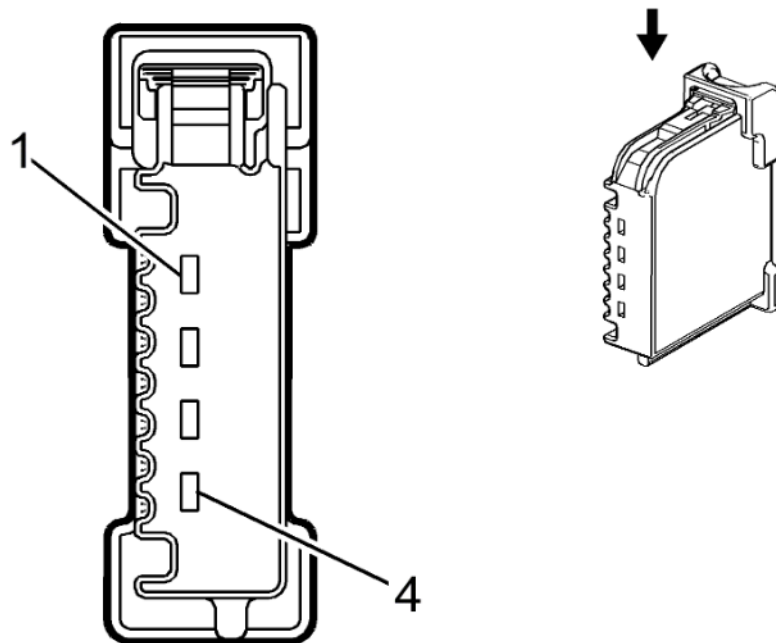
- Harness Type: Instrument Panel
- OEM Connector: 34824-5125
- Service Connector: 13507122
- Description: 12-Way F Mini 50 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575568	J35616-65B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/BK	2805	Radio Keypad Ground Return	I	-
2	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/WH	7530	Local Interconnect Network Serial Data Bus 8	I	-
5	0.35	BN/WH	2809	Radio Keypad Power Signal	I	-
6	0.35	VT/WH	2810	Radio Keypad Button Signal	I	-
7	0.35	BU	4315	Radio Volume Up Signal	I	-
8	0.35	GY/BN	4314	Radio Volume Down Signal	I	-
9	0.35	BU/RD	2807	Radio Keypad Voltage Reference	I	-
10	0.35	BK/YE	2806	Radio Keypad Low Reference	I	-
11	0.35	BK/WH	551	Signal Ground	I	-
12	-	-	-	Not Occupied	-	-

A23C LIFTGATE LATCH ASSEMBLY



Connector Part Information

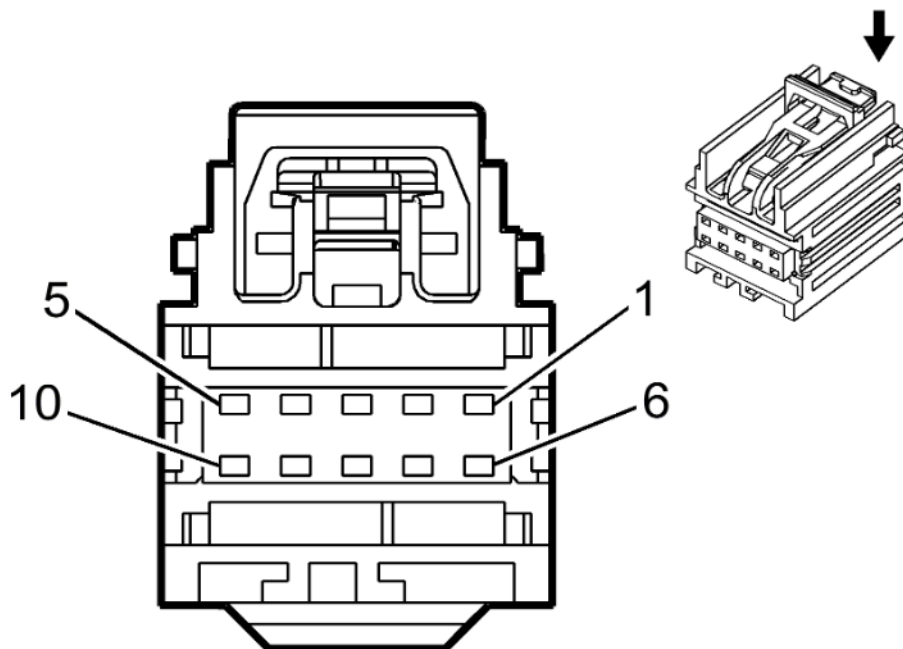
- Harness Type: Liftgate
- OEM Connector: 6098-5516
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5 Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	1950	Ground	I	-
2	0.5	VT/GY	1303	Lift Gate Ajar Switch Signal 1	I	-
3	0.5	BU/WH	6128	Rear Closure Unlatch Motor Unlatch Control	I	-
4	-	-	-	Not Occupied	-	-

A23D DOOR LATCH ASSEMBLY - DRIVER



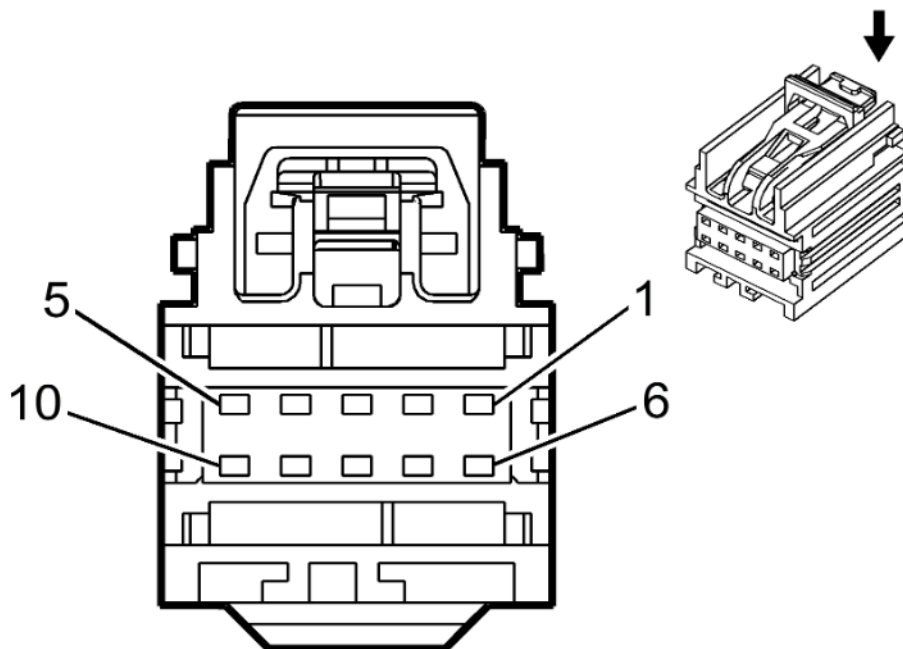
Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 7283-9043-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC 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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	745	Left Front Door Ajar Switch Signal	I	-
2	0.5	WH/YE	3574	Driver Door Open Switch Signal	I	-
3	0.5 0.5	BK BK	650 550	Ground Ground	I I	DG6/DLS/DLR -DG6/-DLS/-DLR
4	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
5	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.75	GY	5911	Door Lock Actuator Lock Control 2	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-



Connector Part Information

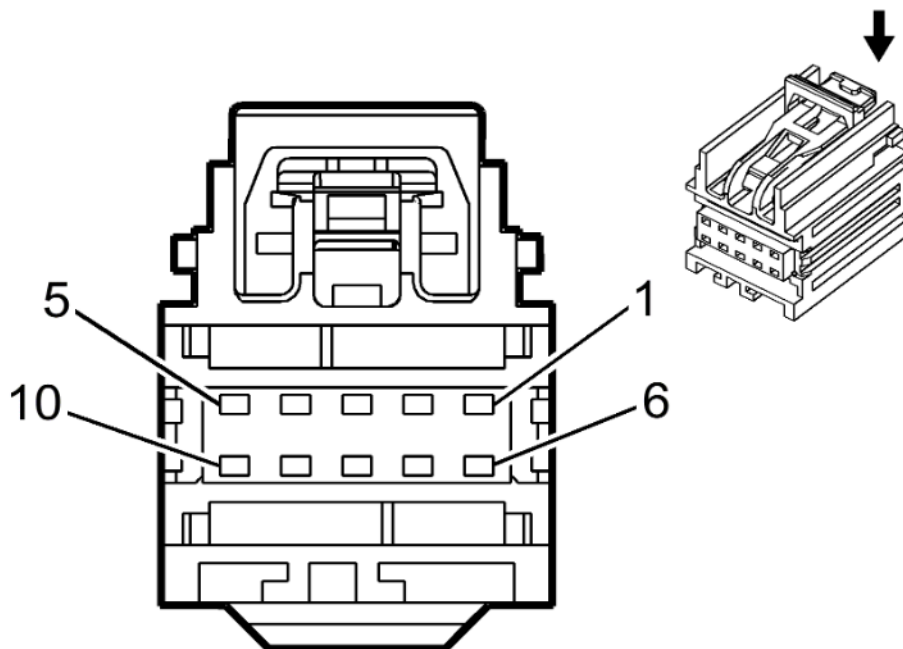
- Harness Type: Left Rear Door
- OEM Connector: 7283-9043-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.5 0.5	BK BK	650 550	Ground Ground	I I	DG6/DLS/DLR -DG6/-DLS/-DLR
4 - 6	-	-	-	Not Occupied	-	-
7	0.75	GY	295	Door Lock Actuator Lock Control	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23P DOOR LATCH ASSEMBLY - PASSENGER



Connector Part Information

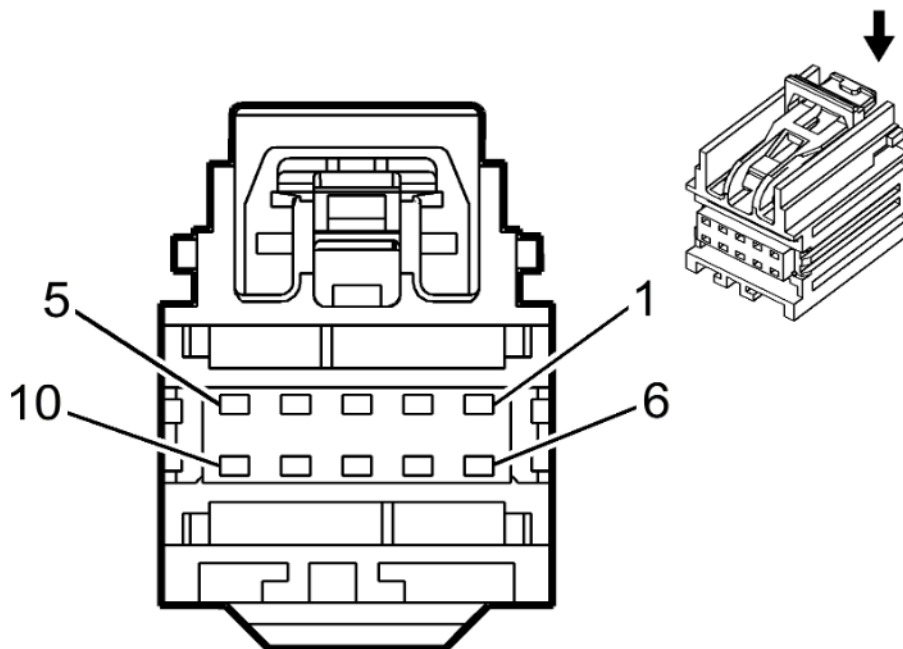
- Harness Type: Passenger Door
- OEM Connector: 7283-9043-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BK	750	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	746	Right Front Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR



Connector Part Information

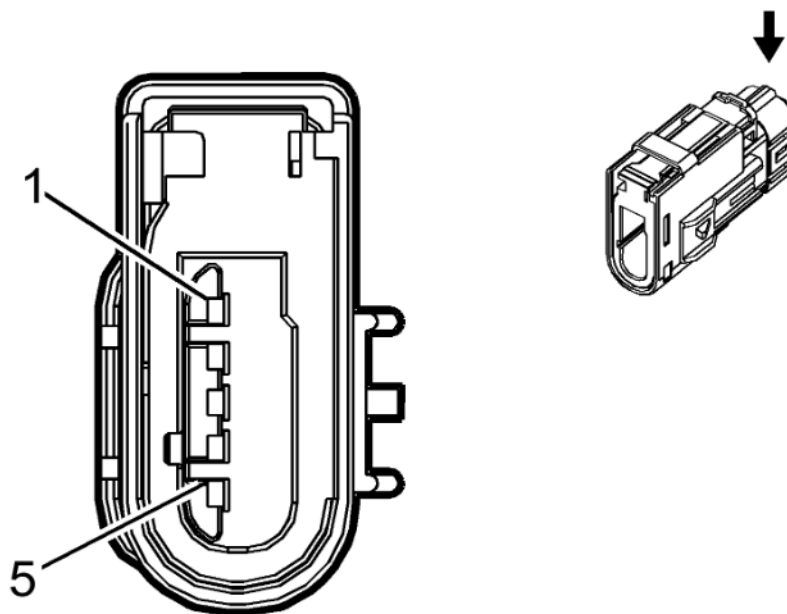
- Harness Type: Right Rear Door
- OEM Connector: 7283-9043-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.5	BK	750	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR



Connector Part Information

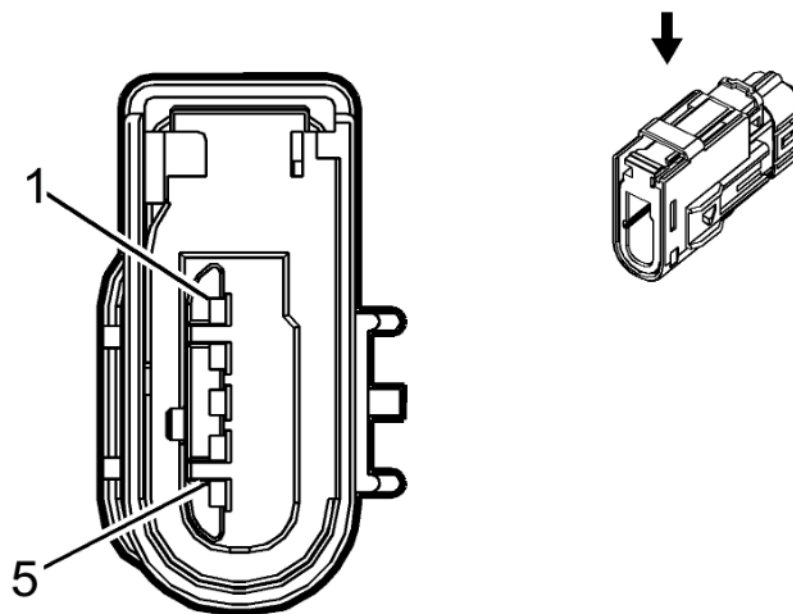
- Harness Type: Driver Door Harness
- OEM Connector: 13582039
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/WH	3570	Driver Door Handle Switch Signal	I	-
2	-	YE	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	-	GN	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
5	-	BK	550	Ground	I	-

A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR



Connector Part Information

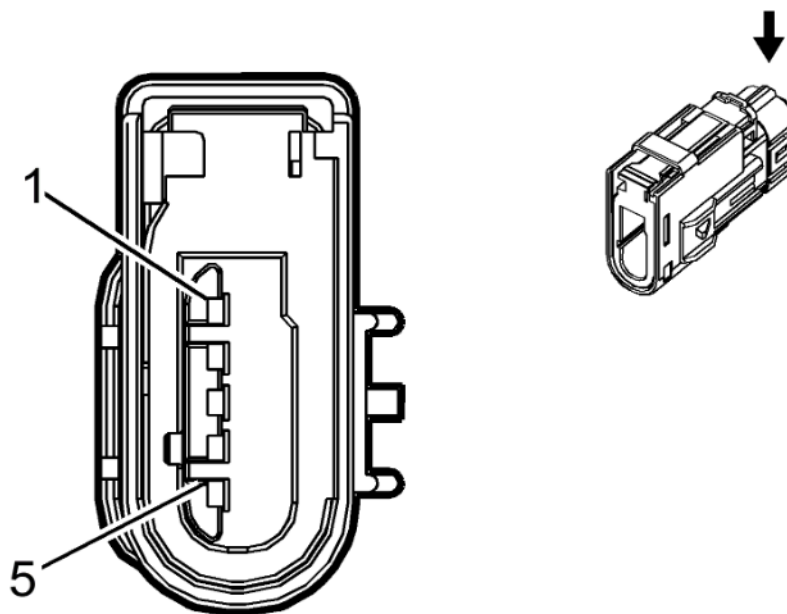
- Harness Type: Left Rear Door Harness
- OEM Connector: 13582040
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	-	BK/	550	Ground	I	-

A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR



Connector Part Information

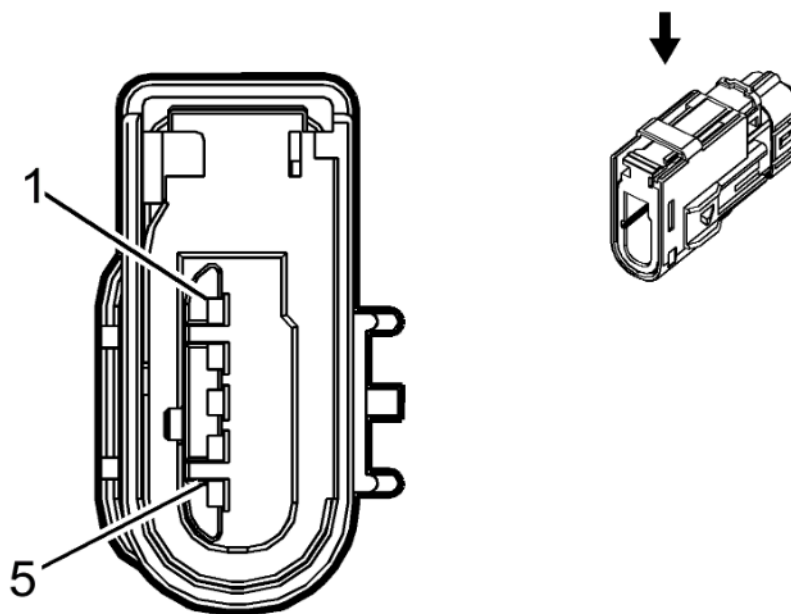
- Harness Type: Passenger Door Harness
- OEM Connector: 13582039
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2	-	YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	-	GN	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
5	-	BK	750	Ground	I	-

A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR



Connector Part Information

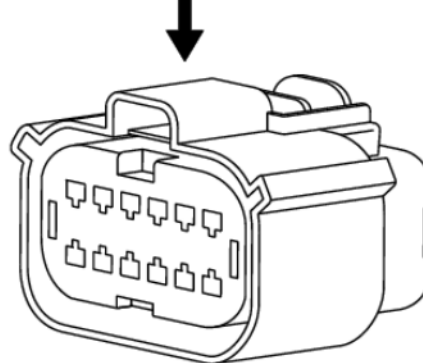
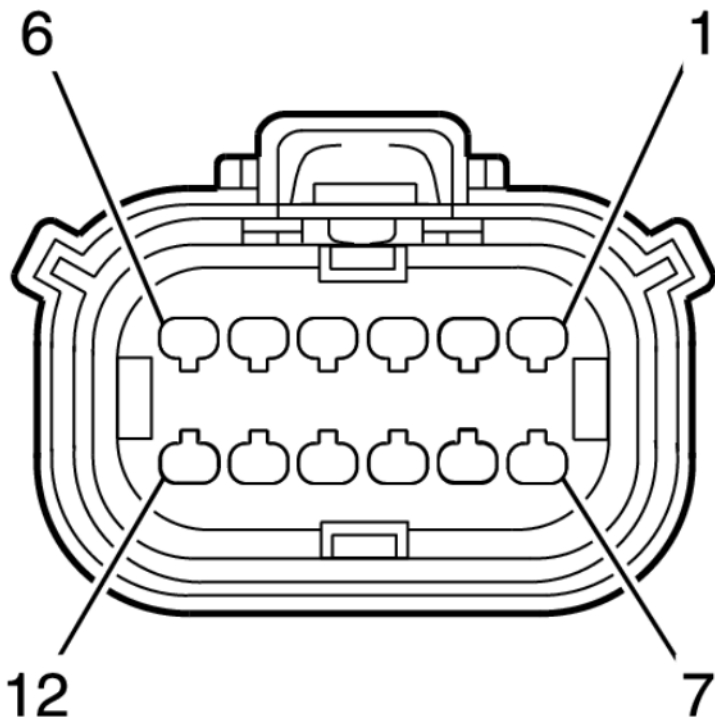
- Harness Type: Right Rear Door Harness
- OEM Connector: 13582040
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	-	BK	750	Ground	I	-

A28 HYBRID/EV BATTERY CONTACTOR ASSEMBLY X2



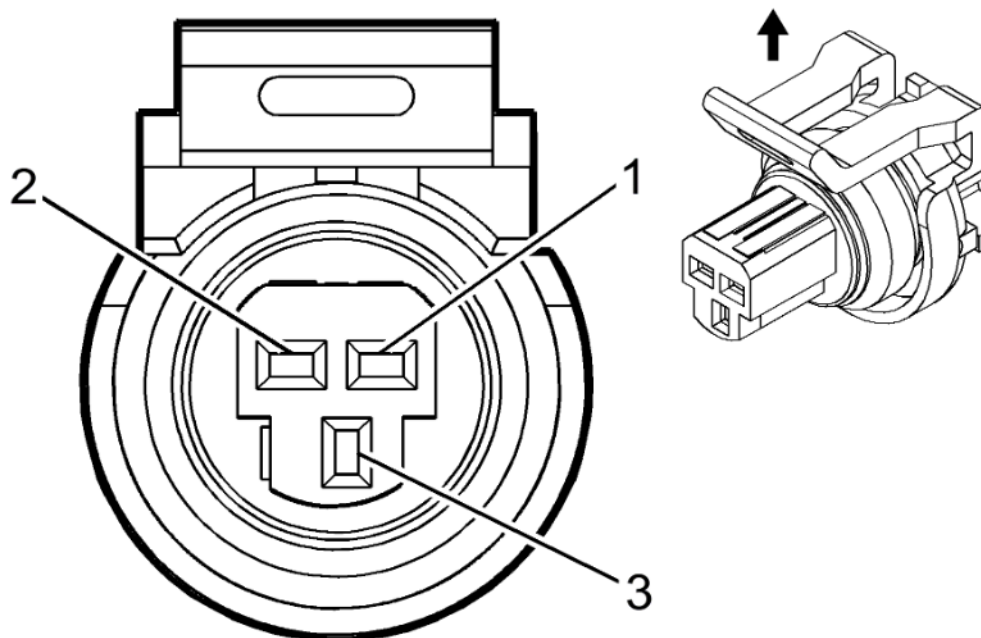
Connector Part Information

- Harness Type: Body
- OEM Connector: 33472-1274
- Service Connector: 13503528
- Description: 12-Way F 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT	5087	High Voltage Interlock Loop Signal 1	I	-
2	0.5	BK/BN	5088	High Voltage Interlock Loop Low Reference 1	I	-
3	0.5	BN/GN	3959	High Voltage Battery 1 (+) Relay Control	I	-
4	0.5	VT/GY	3961	High Voltage Battery (-) Relay Control	I	-
5	0.5	YE/VT	3962	High Voltage Battery 3 (+) Relay Control	I	-
6	-	-	-	Not Occupied	-	-
7	0.5	GY	5138	Precharge Relay	I	-
8	0.5	YE	5411	Battery Module Temperature Signal 7	I	-
9	0.5	BK/BU	3779	Battery Module Temperature Sensor Low Reference 7	I	-
10	0.5	BK	850	Ground	I	-
11 - 12	-	-	-	Not Occupied	-	-



Connector Part Information

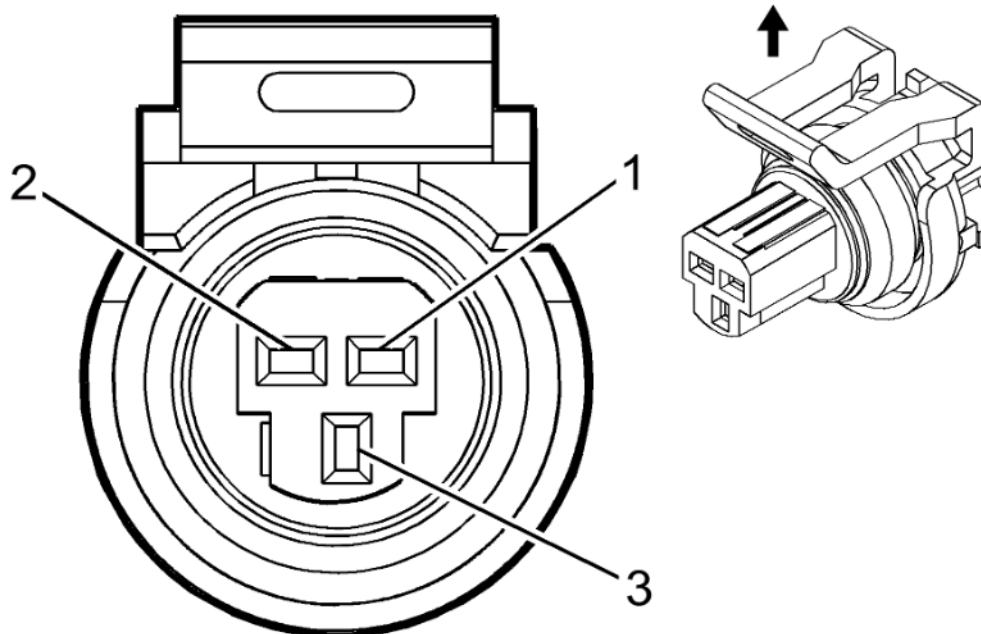
- Harness Type: Engine
- OEM Connector: 13532244
- Service Connector: 88988301
- Description: 3-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/GN	3800	A/C Refrigerant Sensor Low Reference	I	-
2	0.5	BU/RD	474	5V Reference	I	-
3	0.5	BU	204	A/C Low Pressure Sensor Signal	I	-

B1 A/C REFRIGERANT PRESSURE SENSOR



Connector Part Information

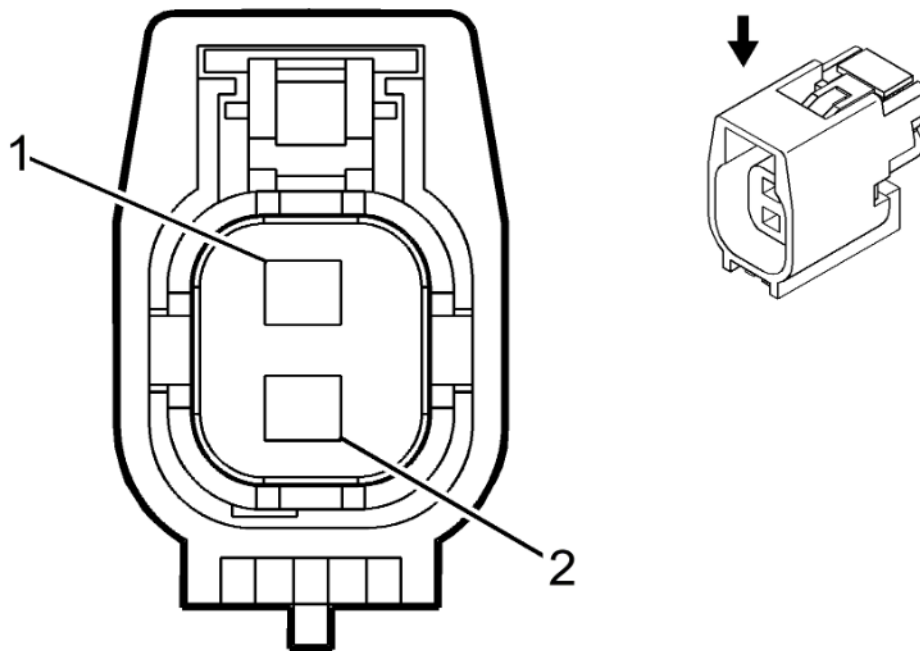
- Harness Type: Engine Harness
- OEM Connector: 13532244
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/BN	5514	A/C Refrigerant Pressure Sensor Low Reference	I	-
2	-	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
3	-	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-

B5LF WHEEL SPEED SENSOR - LEFT FRONT



Connector Part Information

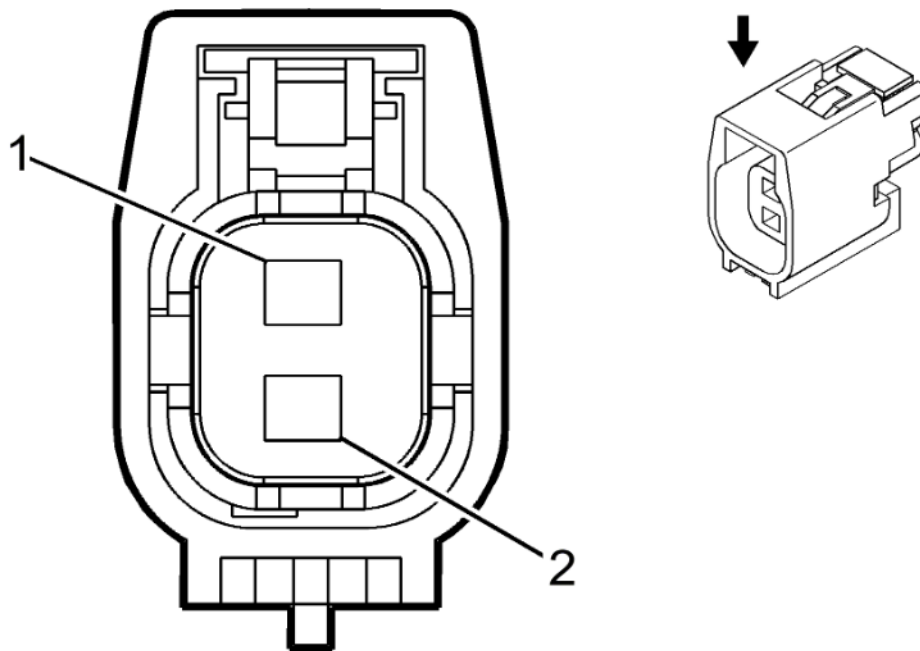
- Harness Type: Forward Lamp
- OEM Connector: 7287-0973-30
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/WH	7064	Wheel Speed Sensor Control Left Front	I	-
2	0.5	GY	830	Wheel Speed Sensor Signal Left Front	I	-

B5LR WHEEL SPEED SENSOR - LEFT REAR



Connector Part Information

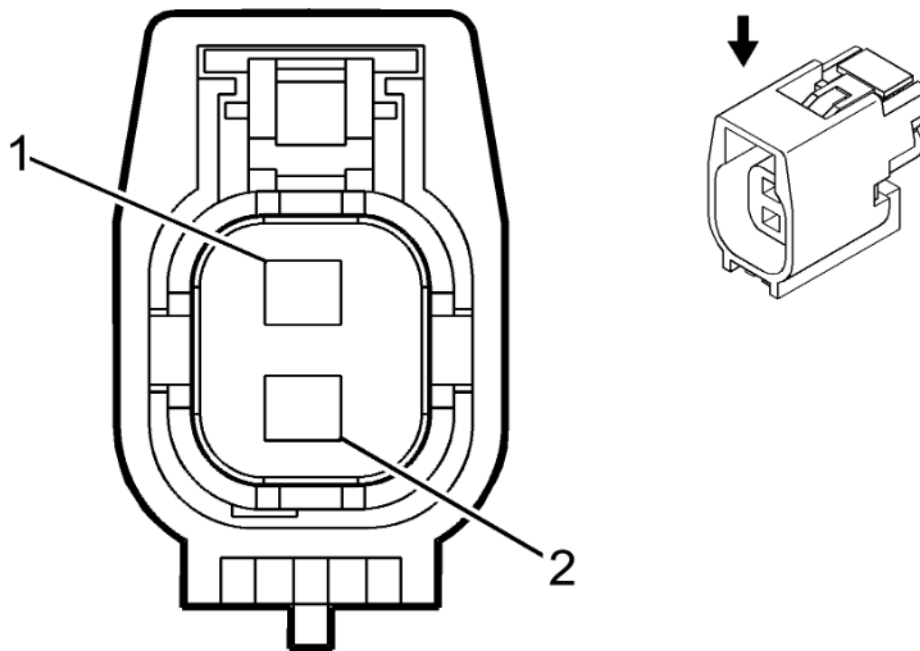
- Harness Type: Body
- OEM Connector: 7287-0973-30
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BK	7127	Wheel Speed Sensor Control Left Rear	I	-
2	0.5	BU	884	Wheel Speed Sensor Signal Left Rear	I	-

B5RF WHEEL SPEED SENSOR - RIGHT FRONT



Connector Part Information

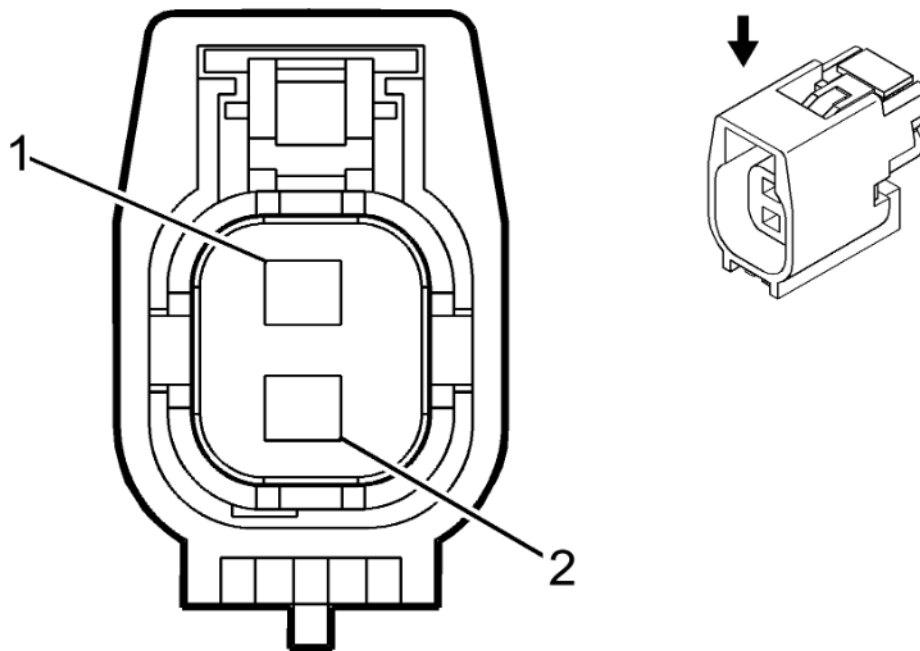
- Harness Type: Body
- OEM Connector: 7287-0973-30
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BN	7065	Wheel Speed Sensor Control Right Front	I	-
2	0.5	YE	872	Wheel Speed Sensor Signal Right Front	I	-

B5RR WHEEL SPEED SENSOR - RIGHT REAR



Connector Part Information

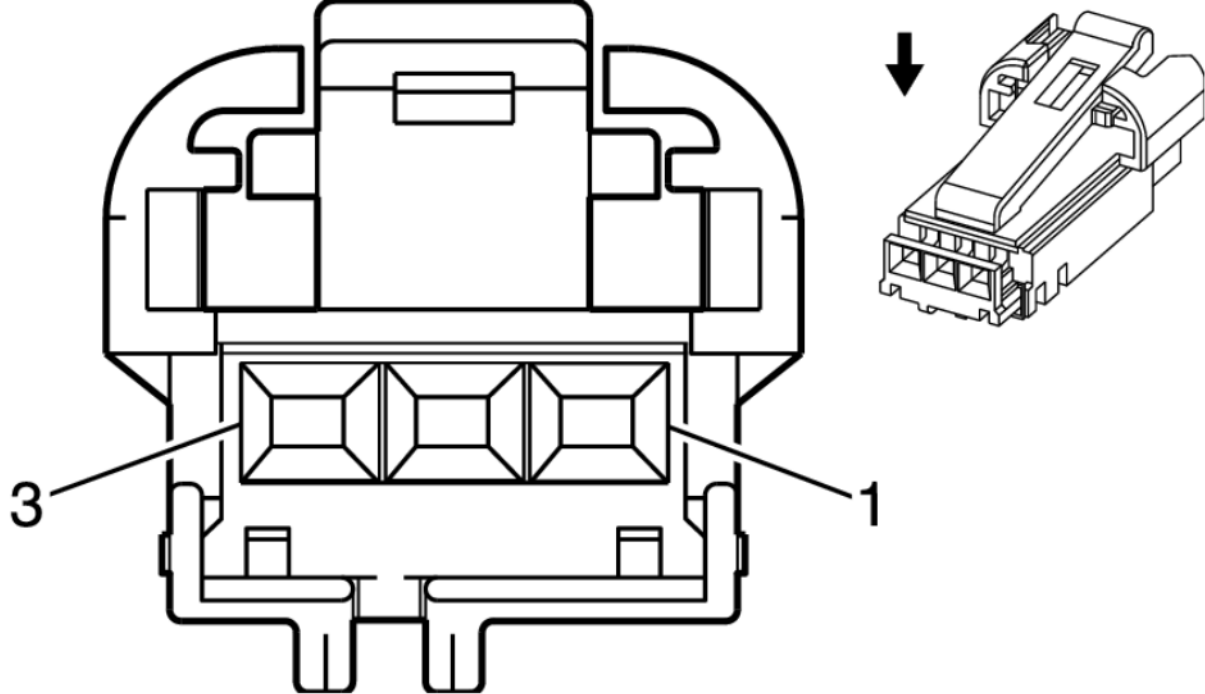
- Harness Type: Body
- OEM Connector: 7287-0973-30
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/YE	7128	Wheel Speed Sensor Control Right Rear	I	-
2	0.5	VT	882	Wheel Speed Sensor Signal Right Rear	I	-

B7B AIR TEMPERATURE SENSOR - DUCT LOWER



Connector Part Information

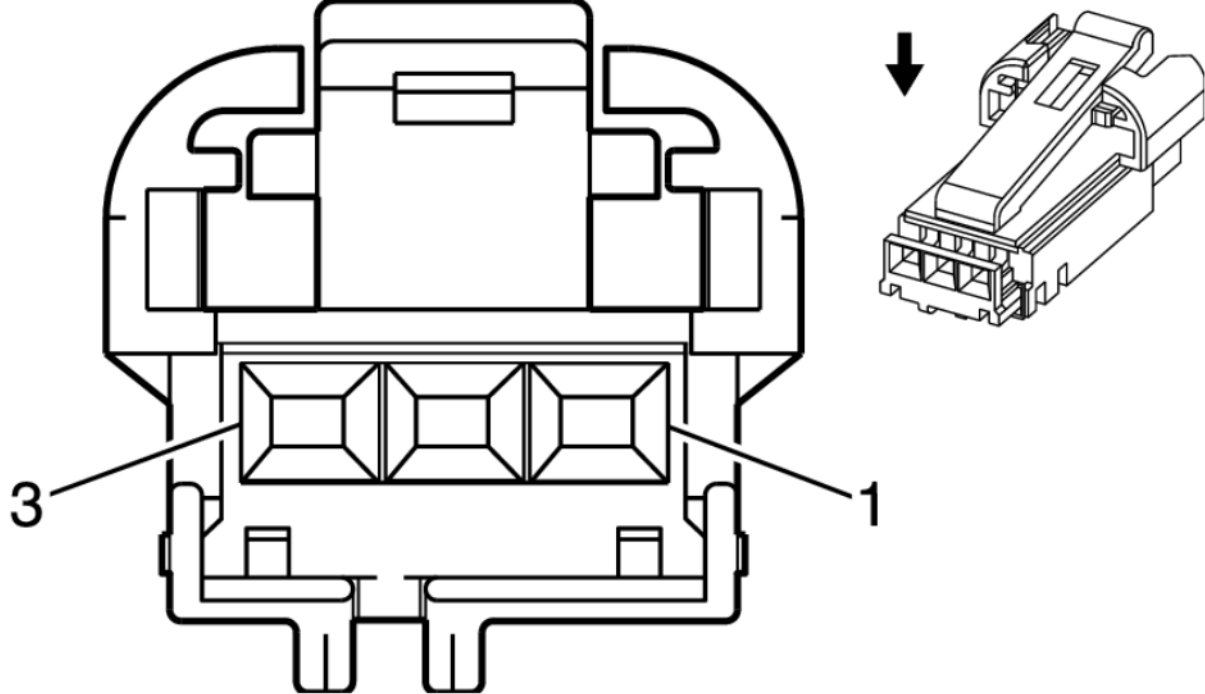
- Harness Type: Air Duct Harness
- OEM Connector: 31067-1010
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 GET Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	518	Lower Left Air Temperature Sensor Signal	I	-
2	-	-	-	Not Occupied	-	-
3	-	BK/YE	407	Sensor Low Reference	I	-

B7F AIR TEMPERATURE SENSOR - DUCT UPPER



Connector Part Information

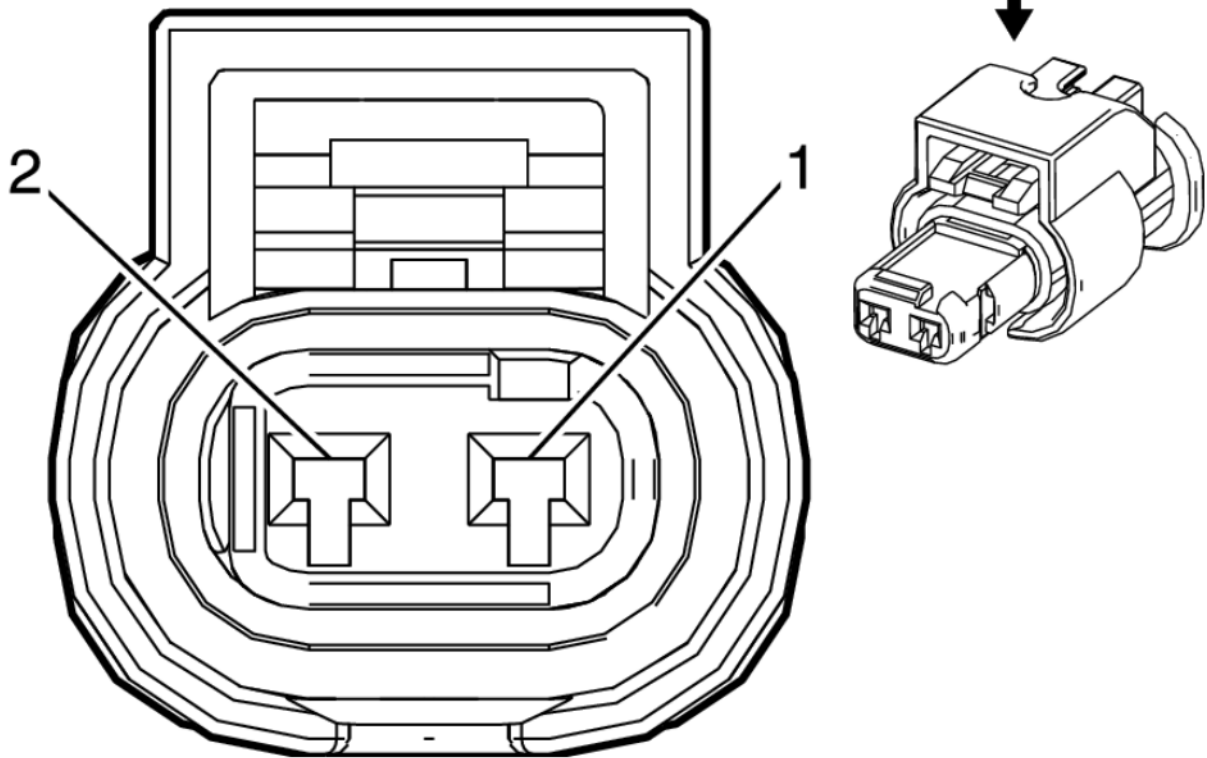
- Harness Type: HVAC
- OEM Connector: 31067-1010
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 GET Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BK/YE	407	Sensor Low Reference	I	-
2	-	-	-	Not Occupied	-	-
3	-	GY/GN	516	Upper Left Air Temperature Sensor Signal	I	-

B9 AMBIENT AIR TEMPERATURE SENSOR



Connector Part Information

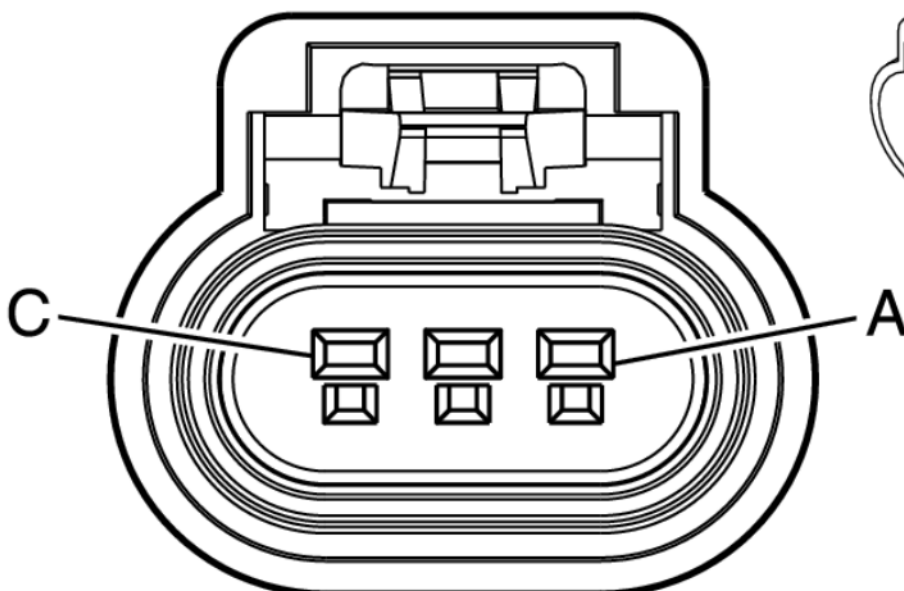
- Harness Type: Front Fascia
- OEM Connector: 1-1823608-5
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

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

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

B18 BATTERY CURRENT SENSOR



Connector Part Information

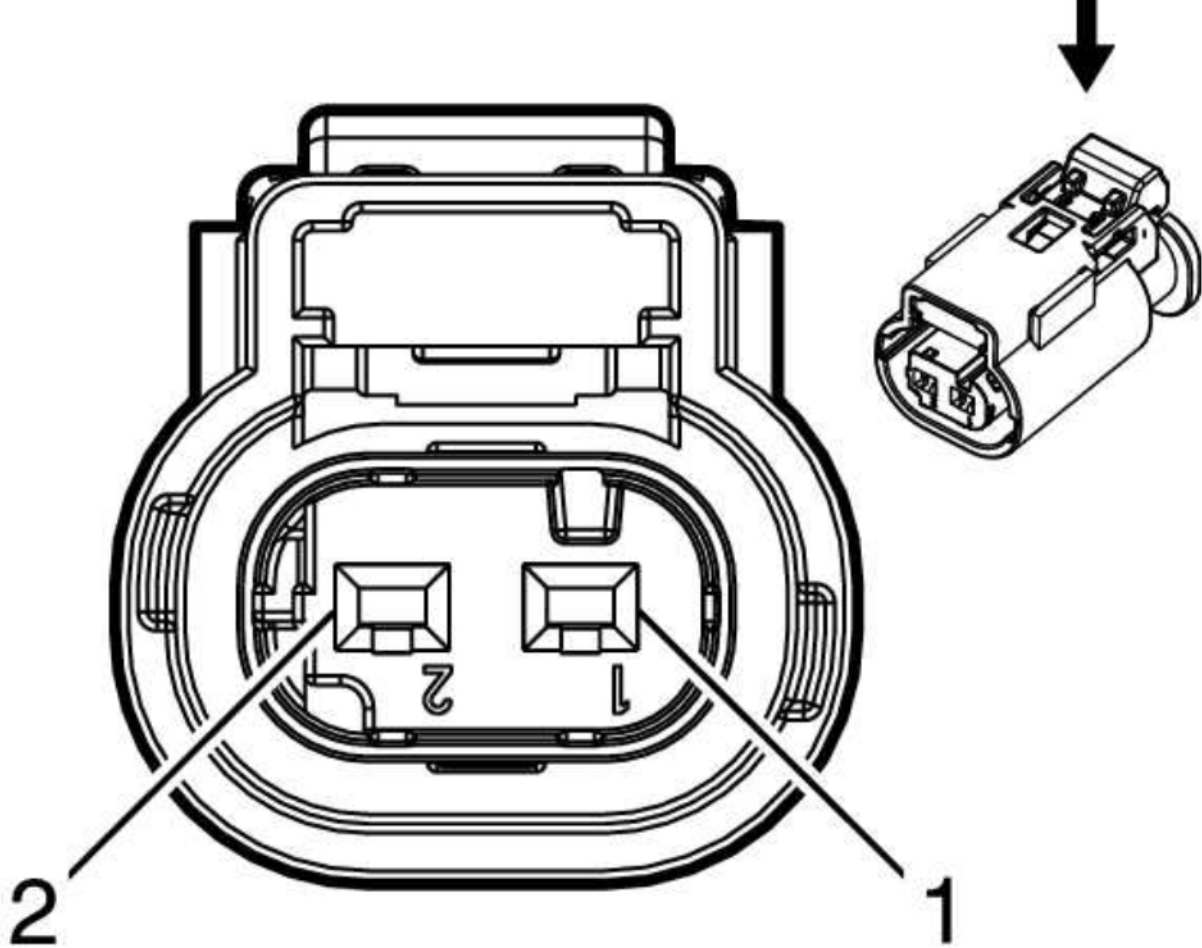
- Harness Type: Body
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/VT	5076	Current Sensor Control	I	-
B	0.5	BK/VT	5077	Current Sensor Low Reference	I	-
C	0.5	WH/YE	5075	Current Sensor Signal	I	-

B20 BRAKE FLUID LEVEL SWITCH



Connector Part Information

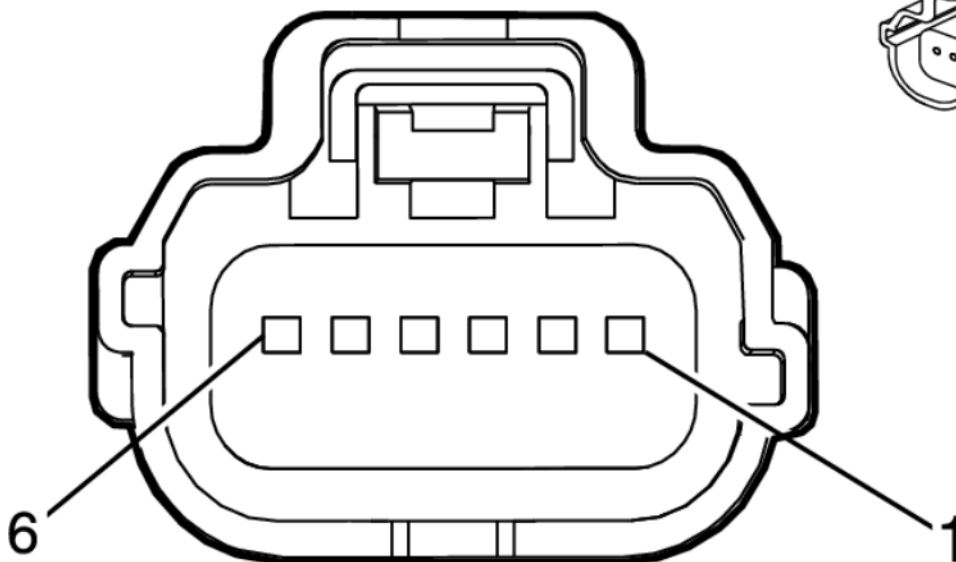
- Harness Type: Body
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	333	Brake Fluid Level Sensor Signal	I	-
2	0.5	BK	550	Ground	I	-

B22 BRAKE PEDAL POSITION SENSOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 31404-6810
- Service Connector: 19304011
- Description: 6-Way F 64 Series, Sealed (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	J-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	5359	Brake Apply Sensor Control	I	-
2	0.5	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
3	0.5	BU/YE	5361	Brake Apply Sensor Signal	I	-
4	0.5	WH/GN	5380	Brake Position Sensor Signal	I	-
5	0.5	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
6	0.5	BK/YE	5382	Brake Position Sensor Low Reference	I	-

B24 MOBILE TELEPHONE MICROPHONE (UE1)

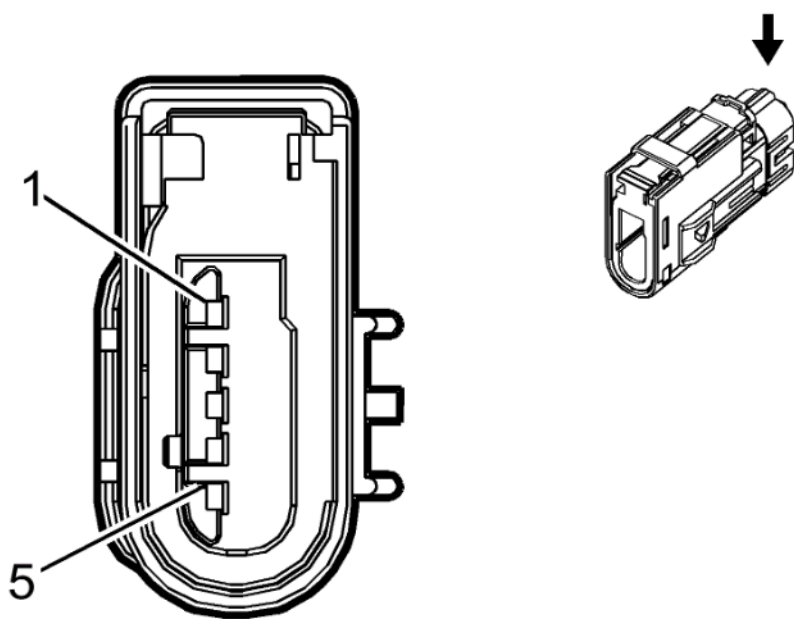
Connector Part Information

- Harness Type: Cellular Phone Microphone Pigtail
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
B	-	BU	655	Cellular Telephone Microphone Signal	I	-

B27D DOOR HANDLE SWITCH - DRIVER EXTERIOR


Connector Part Information

- Harness Type: Driver Door
- OEM Connector: SRVWSB-04-BS
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

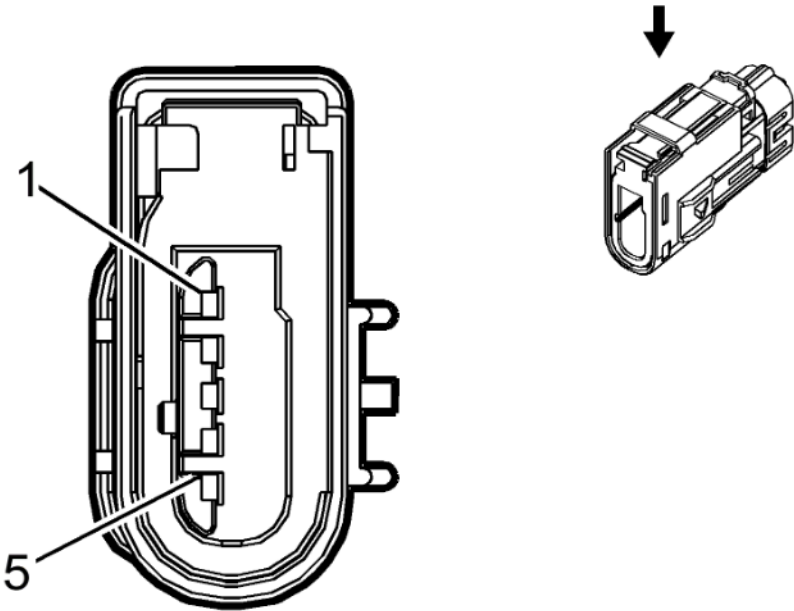
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	3570	Driver Door Handle Switch Signal	I	-
2	0.5	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	-	-	-	Not Occupied	-	-
4	0.5	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
5	0.5	BK	550	Ground	I	-

B27LR DOOR HANDLE SWITCH - LEFT REAR EXTERIOR



Connector Part Information

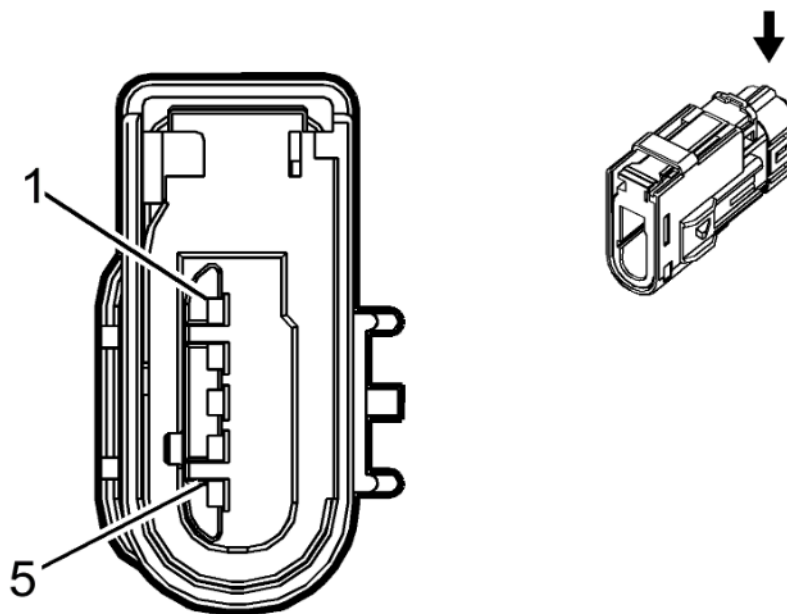
- Harness Type: Left Rear Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	550	Ground	I	-

B27P DOOR HANDLE SWITCH - PASSENGER EXTERIOR



Connector Part Information

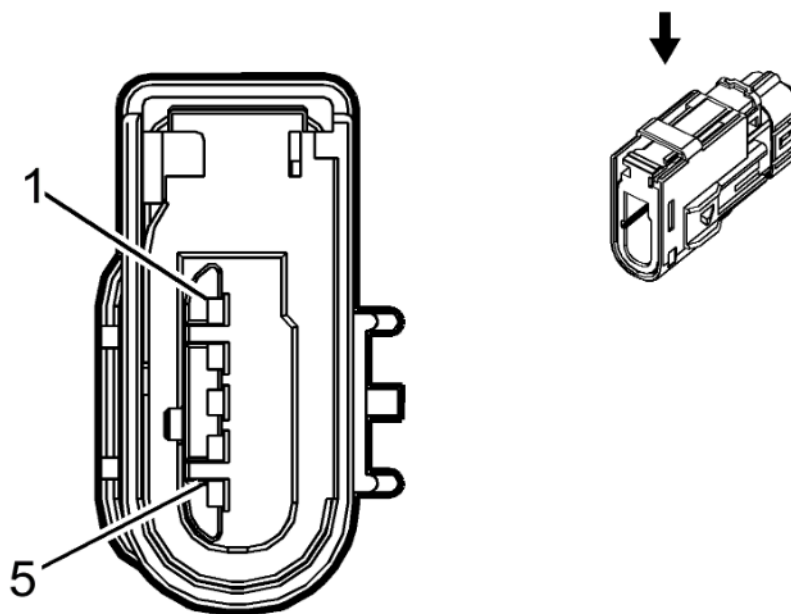
- Harness Type: Passenger Door
- OEM Connector: SRVWSB-04-BS
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2	0.5	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	0.5	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
5	0.5	BK	750	Ground	I	-

B27RR DOOR HANDLE SWITCH - RIGHT REAR EXTERIOR



Connector Part Information

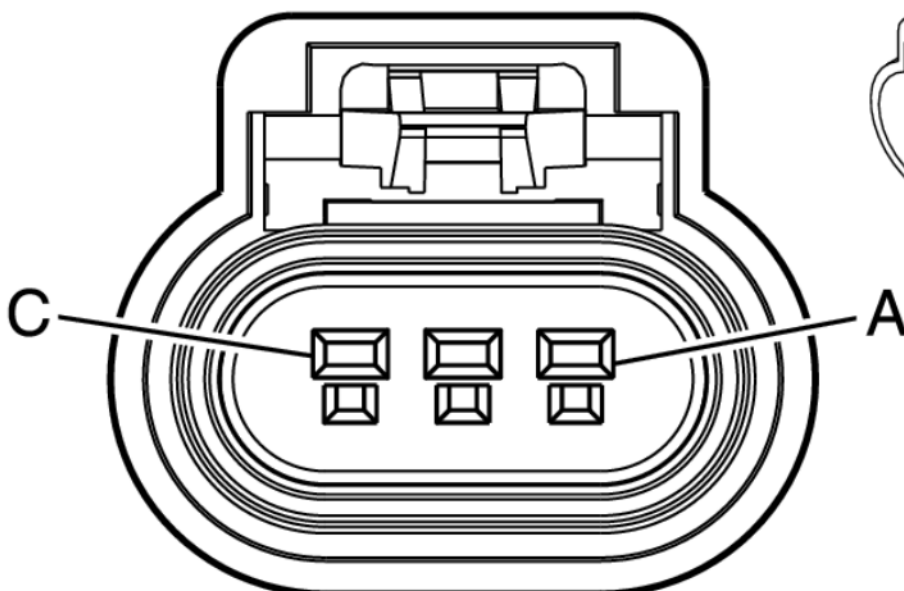
- Harness Type: Right Rear Door
- OEM Connector: SRVWSB-02-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	750	Ground	I	-

B55 ENGINE HOOD SWITCH



Connector Part Information

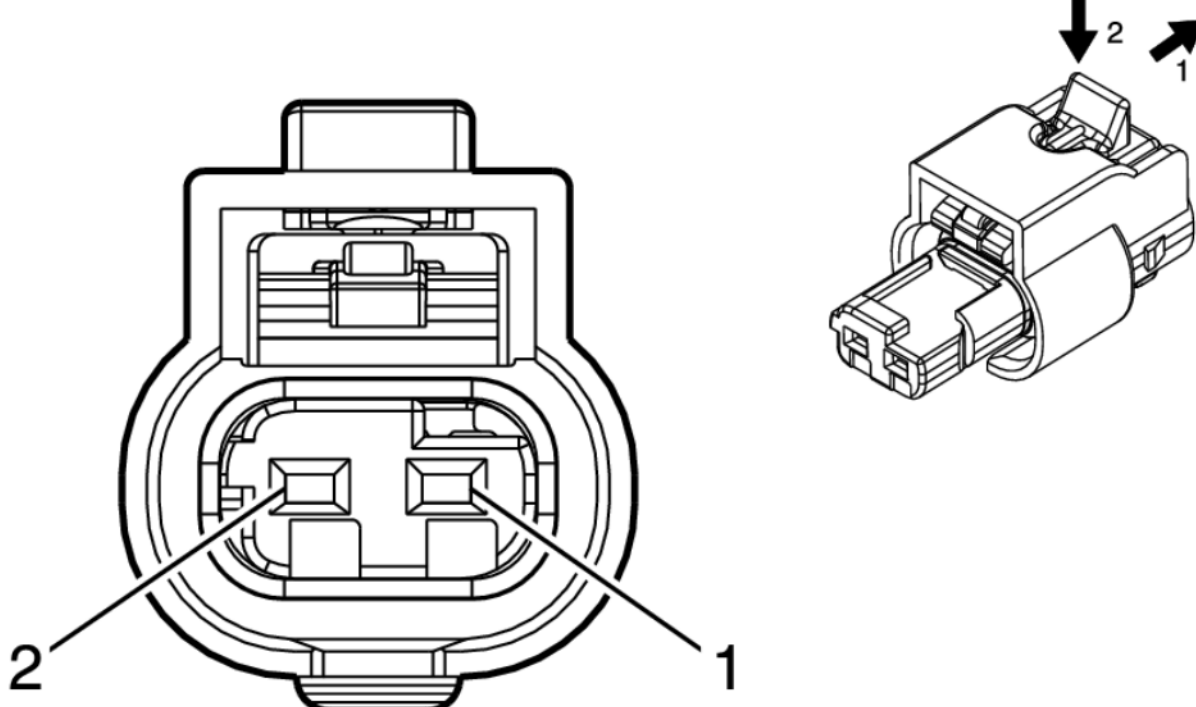
- Harness Type: Forward Lamp
- OEM Connector: 13519047
- Service Connector: 13580871
- Description: 3-Way F 150 GT Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	YE	5530	Hood Open Switch Signal	I	-
B	0.5	BN/GN	109	Hood Ajar Switch Signal	I	-
C	0.5	BK	250	Ground	I	-

B59L FRONT IMPACT SENSOR - LEFT (AYF)



Connector Part Information

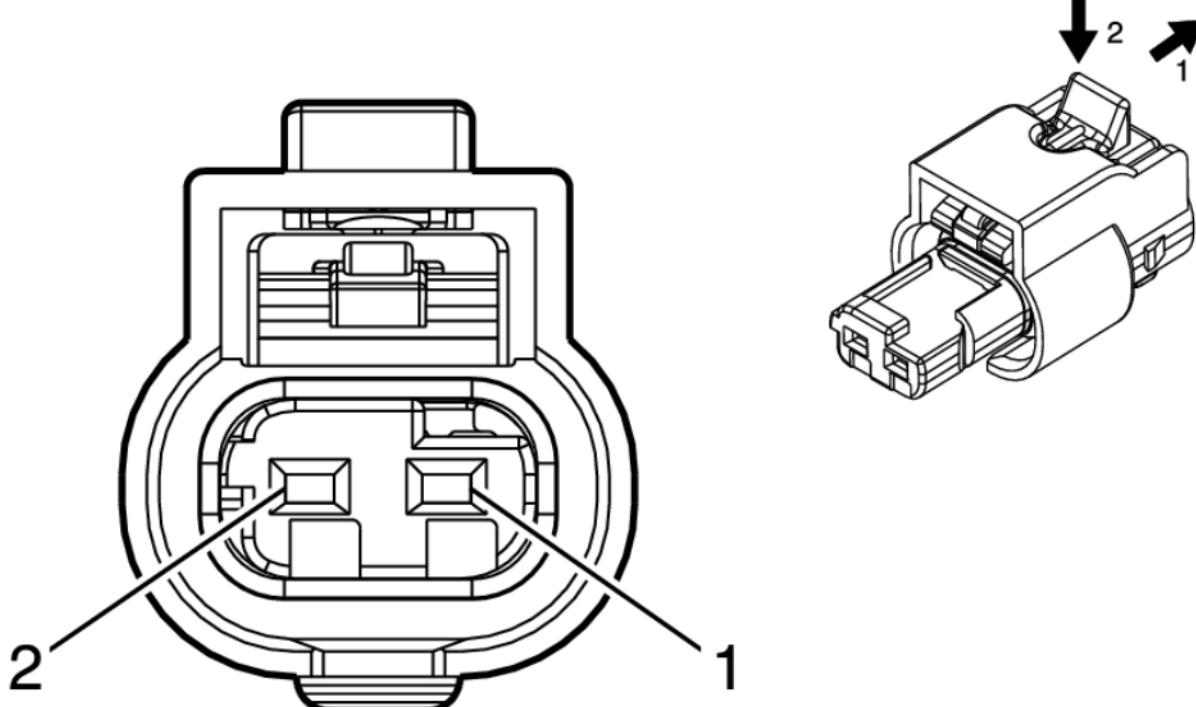
- Harness Type: Forward Lamp
- OEM Connector: 4-2272003-4
- Service Connector: 19354841
- Description: 2-Way F 1.2 MCON-CB Series, Sealed (BN)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GY	6618	Middle Front Discriminating Sensor Signal	I	AY0
	0.5	OG/YE	354	Left Front Discriminating Sensor Signal	I	AYF
2	0.5	BK/OG	6619	Middle Front Discriminating Sensor Low Reference	I	AY0
	0.5	BK/OG	5045	Left Front Discriminating Sensor Low Reference	I	AYF

B59R FRONT IMPACT SENSOR - RIGHT (AYF)



Connector Part Information

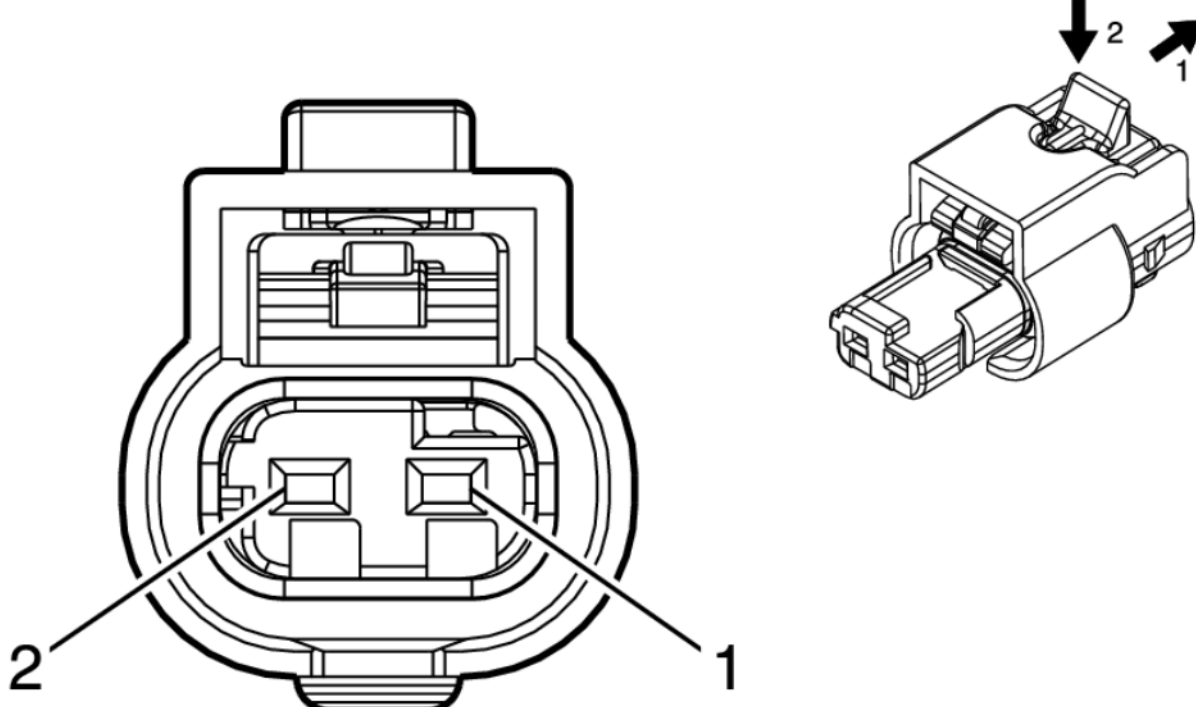
- Harness Type: Forward Lamp
- OEM Connector: 4-2272003-4
- Service Connector: 19354841
- Description: 2-Way F 1.2 MCON-CB Series, Sealed (BN)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	1409	Right Front Discriminating Sensor Signal	I	AYF
2	0.5	BK/OG	5600	Right Front Discriminating Sensor Low Reference	I	AYF

B59 FRONT IMPACT SENSOR (AY0)



Connector Part Information

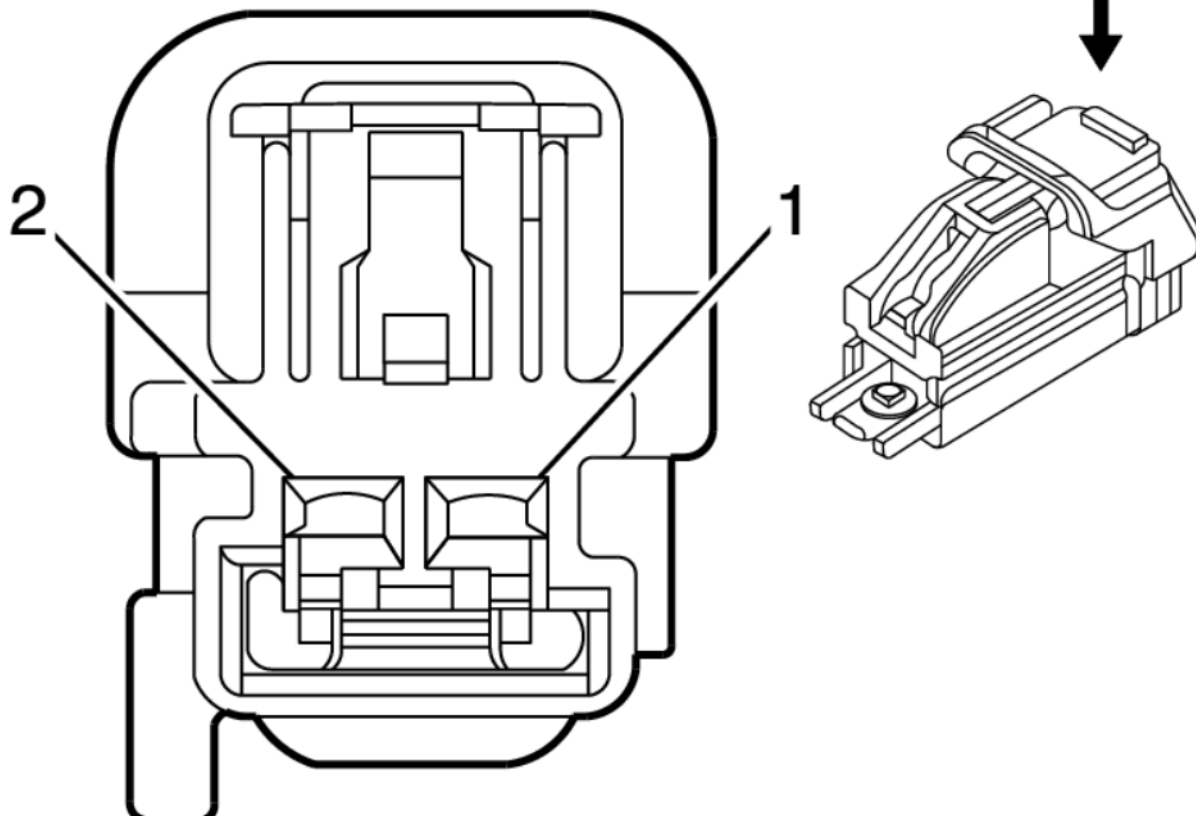
- Harness Type: Forward Lamp
- OEM Connector: 13510975
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON-CB Series, Sealed (BN)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/GY	6618	Middle Front Discriminating Sensor Signal	I	-
2	-	BK/OG	6619	Middle Front Discriminating Sensor Low Reference	I	-

B60 PASSENGER PRESENCE SENSOR (-AL0+MAW)



Connector Part Information

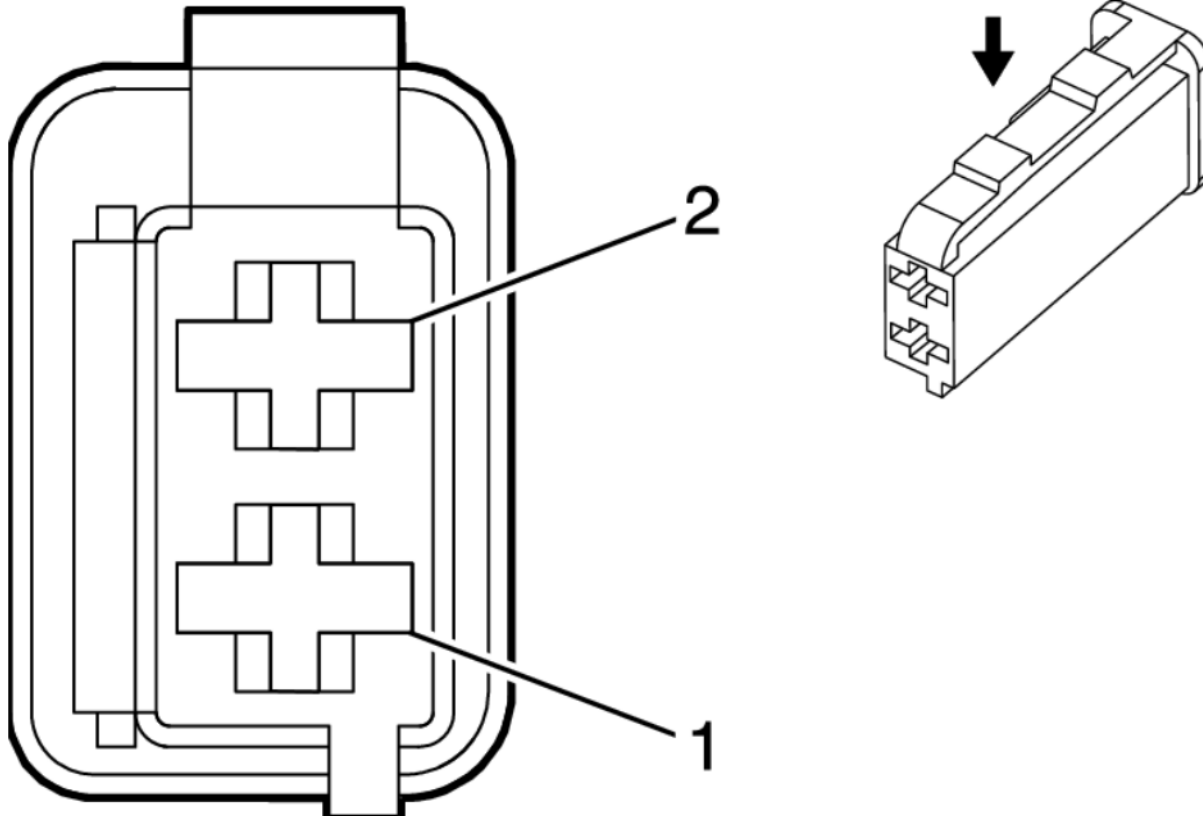
- Harness Type: Passenger Seat
- OEM Connector: 7283-6443-40
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 YESC Series (L-GY)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BN	7571	Passenger Seat Belt Reminder Signal	I	-
2	0.5	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-

B61P SEAT BELT TENSION SENSOR - PASSENGER (AL0)



Connector Part Information

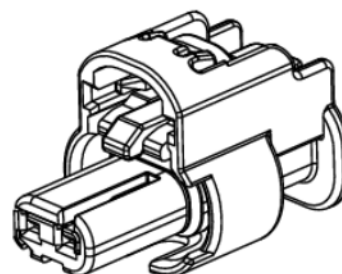
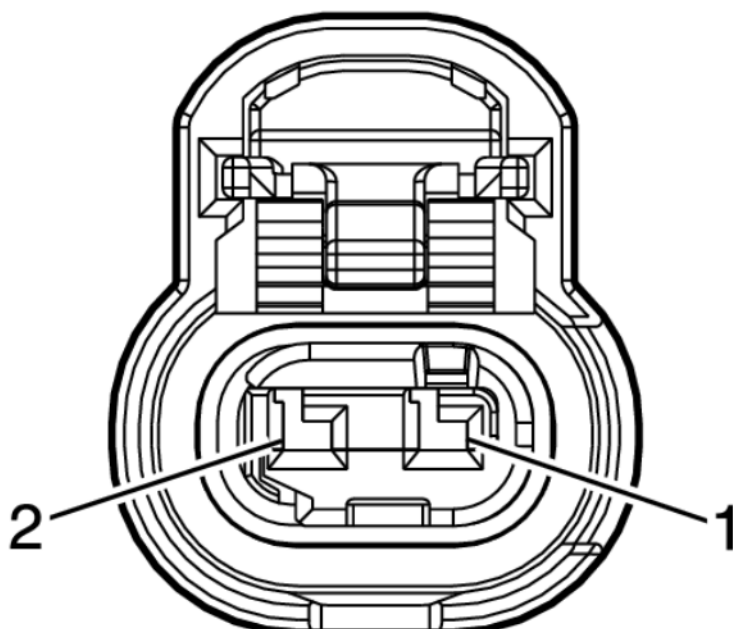
- Harness Type: Body
- OEM Connector: 1563189-1
- Service Connector: 13580951
- Description: 2-Way F 1.6 Timer Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/OG	3946	Automatic Locking Retractor Switch Low Reference	I	AL0
2	0.5	OG/BN	3947	Automatic Locking Retractor Switch Signal	I	AL0

B63L SIDE IMPACT SENSOR - LEFT (AY0)



Connector Part Information

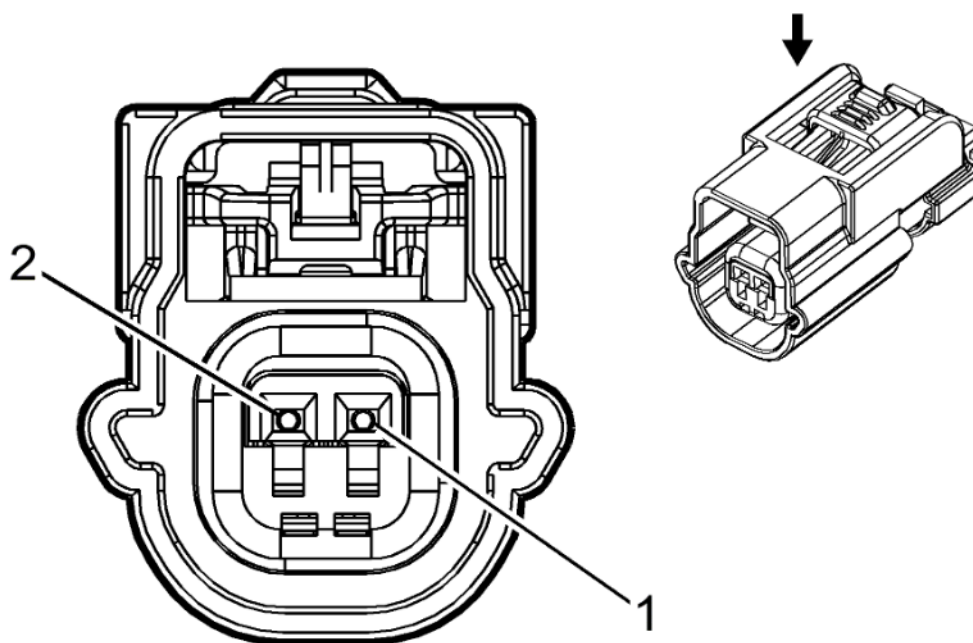
- Harness Type: Body
- OEM Connector: 1-2203312-1
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	6622	Left Rear Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6623	Left Rear Side Impact Sensing Module Low Reference	I	-

B63LF SIDE IMPACT SENSOR - LEFT FRONT (AYF)



Connector Part Information

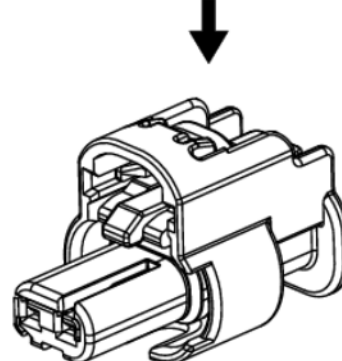
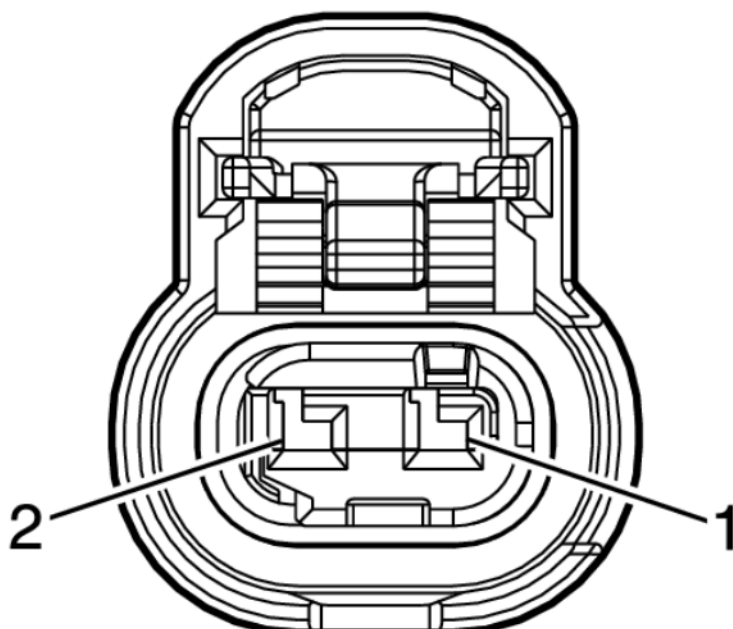
- Harness Type: Driver Door
- OEM Connector: 54390240
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/GN	2132	Left Front Side Impact Sensing Module Signal	I	AYF
2	0.5	BK/OG	6628	Left Front Side Impact Sensing Module Low Reference	I	AYF

B63LR SIDE IMPACT SENSOR - LEFT REAR (AYF)



Connector Part Information

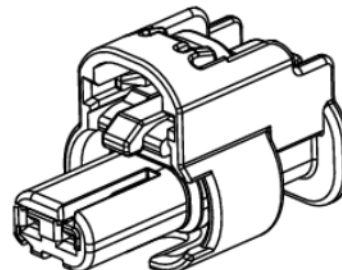
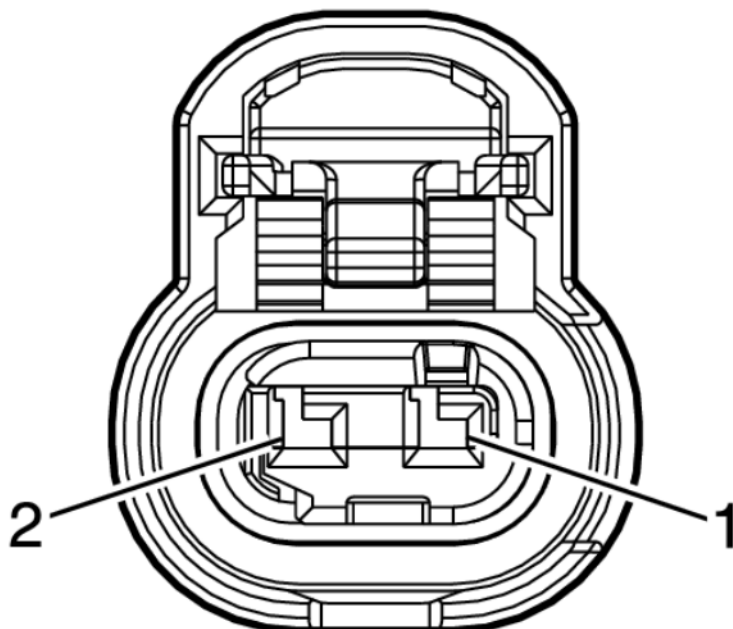
- Harness Type: Body
- OEM Connector: 1-2203312-1
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/BU	6620	Left Middle Side Impact Sensing Module Signal	I	AYF
2	0.5	BK/OG	6621	Left Middle Side Impact Sensing Module Low Reference	I	AYF

B63R SIDE IMPACT SENSOR - RIGHT (AY0)



Connector Part Information

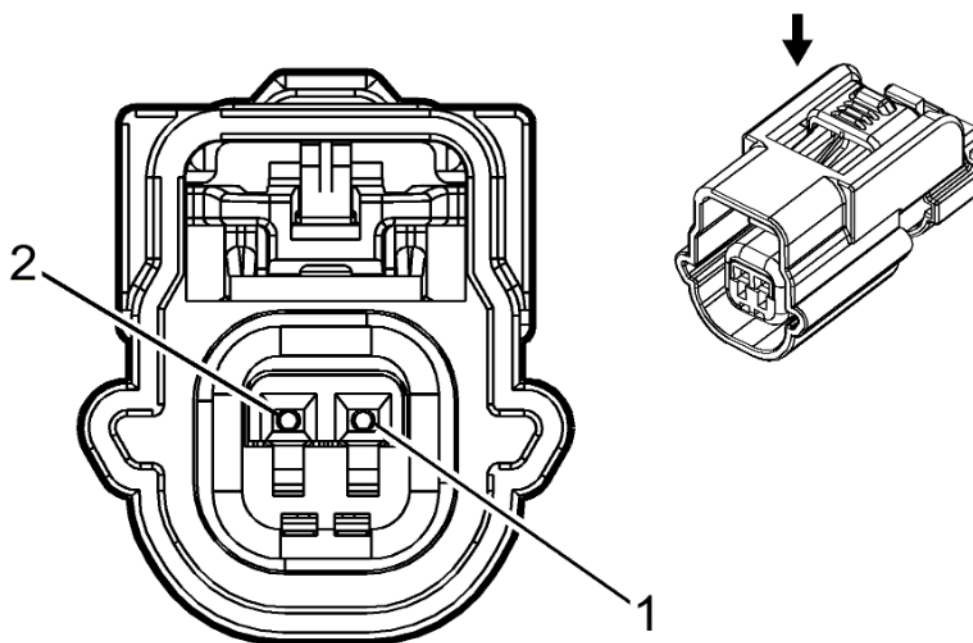
- Harness Type: Body
- OEM Connector: 1-2203312-1
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/WH	6626	Right Rear Side Impact Sensing Module Signal	I	-
2	0.5	BK/OG	6627	Right Rear Side Impact Sensing Module Low Reference	I	-

B63RF SIDE IMPACT SENSOR - RIGHT FRONT (AYF)



Connector Part Information

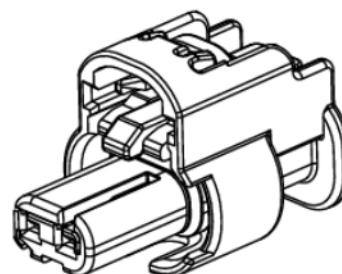
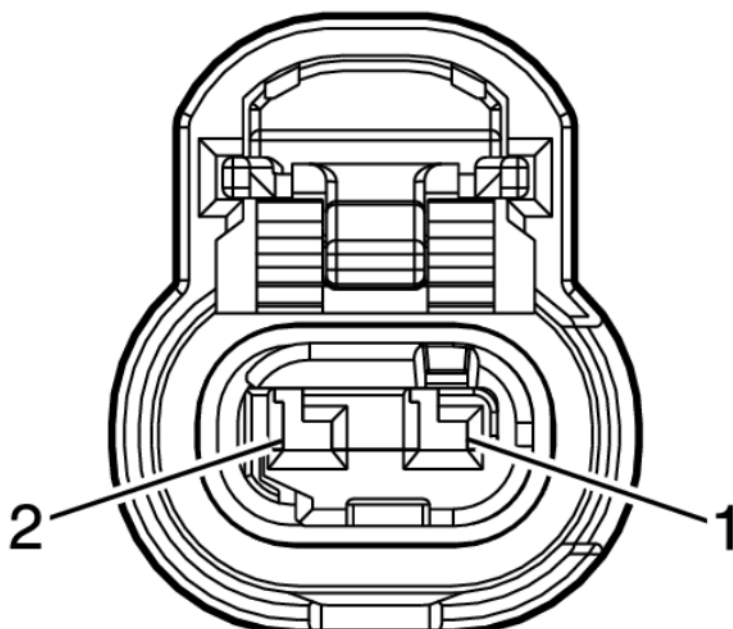
- Harness Type: Passenger Door
- OEM Connector: 54390240
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series, Sealed (L-GY)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/OG	2134	Right Front Side Impact Sensing Module Signal	I	AYF
2	0.5	BK/OG	6629	Right Front Side Impact Sensing Module Low Reference	I	AYF

B63RR SIDE IMPACT SENSOR - RIGHT REAR (AYF)



Connector Part Information

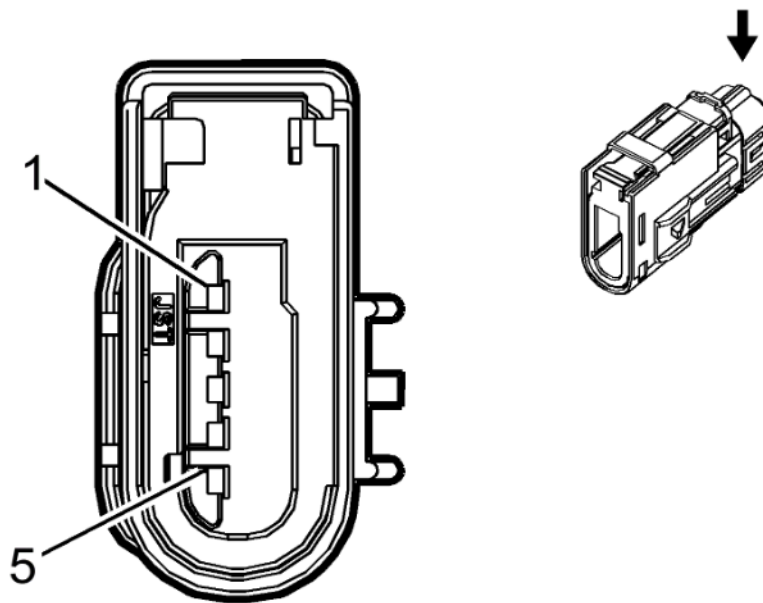
- Harness Type: Body
- OEM Connector: 1-2203312-1
- Service Connector: 19330898
- Description: 2-Way F 1.2 MCON Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	6624	Right Middle Side Impact Sensing Module Signal	I	AYF
2	0.5	BK/OG	6625	Right Middle Side Impact Sensing Module Low Reference	I	AYF

B87 REARVIEW CAMERA X1 (UVC)



Connector Part Information

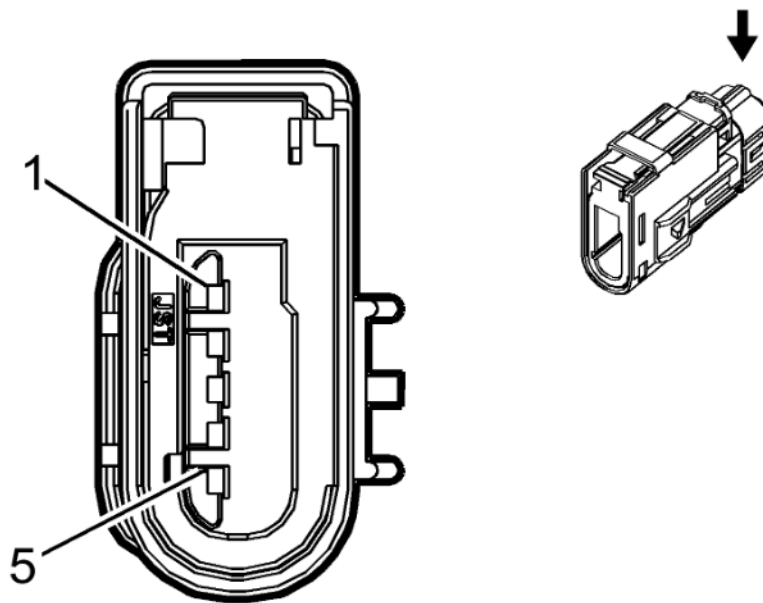
- Harness Type: License Plate Lamp
- OEM Connector: SRVWSB-05-AH
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	6972	Camera Signal 2 +	I	UVC
2	0.35	WH/BU	6973	Camera Signal 2	I	UVC
3	0.35	GY	7069	Camera Shield Ground Extension	I	UVC
4	0.35	BK	2050	Ground	I	UVC
5	0.35	VT/BK	739	Run/Crank Ignition 1 Voltage	I	UVC

B87 REARVIEW CAMERA X1 (UVH)



Connector Part Information

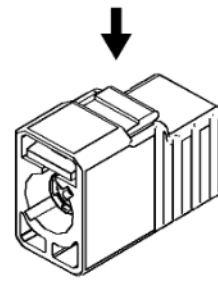
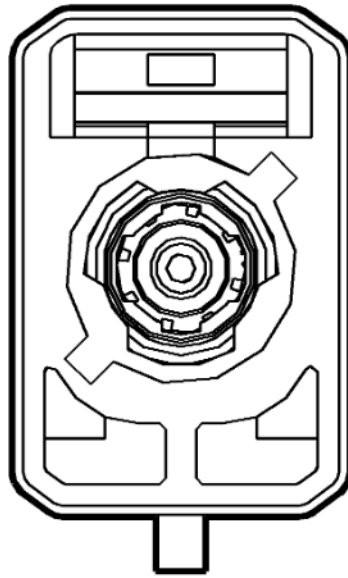
- Harness Type: License Plate Lamp
- OEM Connector: SRVWSB-05-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	6972	Camera Signal 2 +	I	UVH
2	0.35	GY	7069	Camera Shield Ground Extension	I	UVH
3	0.35	WH/BU	6973	Camera Signal 2	I	UVH
4	0.35	BK/YE	4670	Rear Camera Return	I	UVH
5	0.35	VT/BN	4669	Rear Camera Control	I	UVH

B87 REARVIEW CAMERA X2 (DRZ)



Connector Part Information

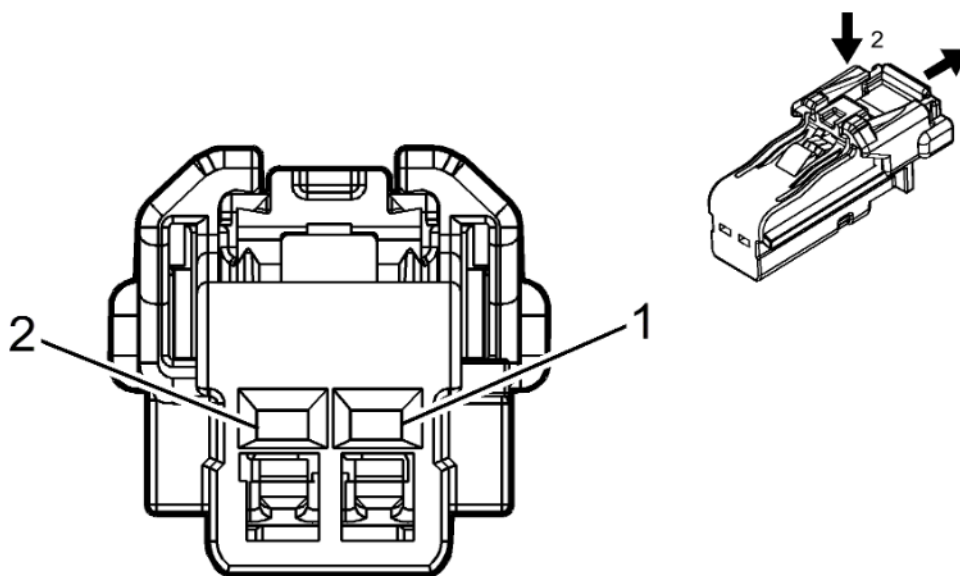
- Harness Type: Liftgate Harness
- OEM Connector: 13581690
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

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	Function	Terminal Type ID	Option
-	-	LVDS	-	Navigation Display Signal	I	-

B88P SEAT BELT SWITCH - PASSENGER (AL0+AY0/AYF)



Connector Part Information

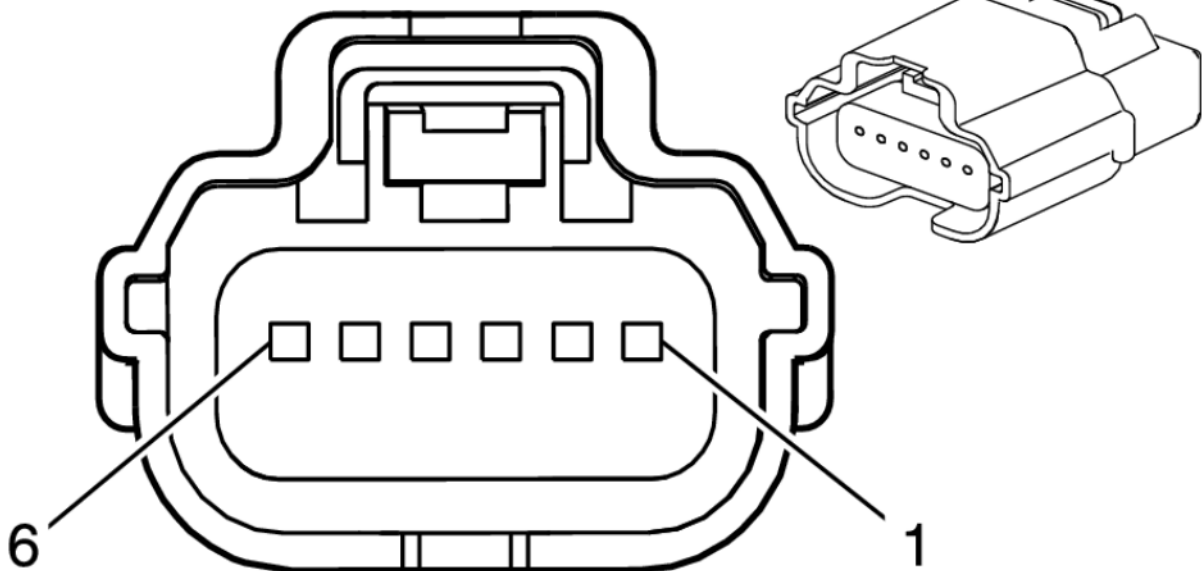
- Harness Type: Passenger Seat
- OEM Connector: 6098-7685
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

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-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
2	0.5	BK/OG	1361	Passenger Seat Belt Switch Low Reference	I	-

B107 ACCELERATOR PEDAL POSITION SENSOR



Connector Part Information

- Harness Type: Body
- OEM Connector: 31404-6110
- Service Connector: 19356496
- Description: 6-Way F 0.64 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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BN/RD	1274	Accelerator Pedal Position 5V Reference 2	I	-
2	0.5	GN/WH	1162	Accelerator Pedal Position Signal 2	I	-
3	0.5	BK/VT	1272	Accelerator Pedal Position Low Reference 2	I	-
4	0.5	BK/BU	1271	Accelerator Pedal Position Low Reference 1	I	-
5	0.5	YE/WH	1161	Accelerator Pedal Position Signal 1	I	-
6	0.5	WH/RD	1164	Accelerator Pedal Position 5V Reference 1	I	-

B153D SEAT BELT BUCKLE - DRIVER

Connector Part Information

- Harness Type: Driver Seat Harness
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog

- Description: 1-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	OG/BN	238	Driver Seat Belt Switch Signal	I	-
2	-	BK/BN	1363	Driver Seat Belt Switch Low Reference	I	-

B153P SEAT BELT BUCKLE - PASSENGER

Connector Part Information • Harness Type: Passenger Seat Harness • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 1-Way							
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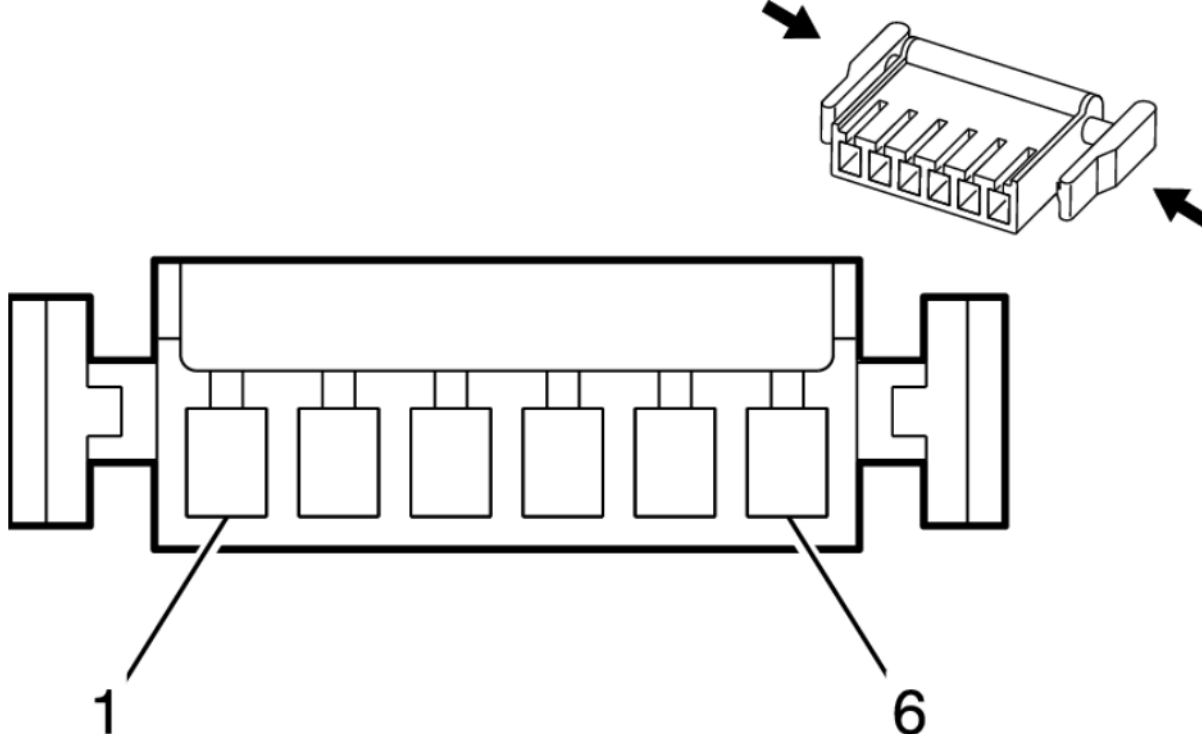
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	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	Function	Terminal Type ID	Option
1	-	OG/VT	1362	Passenger Seat Belt Switch Signal	I	-
2	-	BK/OG	1361	Passenger Seat Belt Switch Low Reference	II	-

B160 WINDSHIELD TEMPERATURE AND INSIDE MOISTURE SENSOR

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Connector Part Information

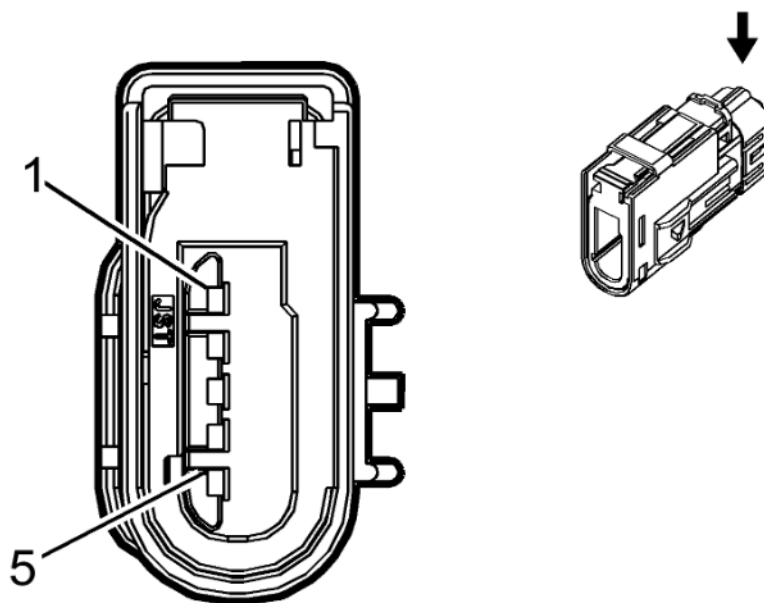
- Harness Type: Headliner
- OEM Connector: 13726957
- Service Connector: 13576539
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

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

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

B174G FRONTVIEW CAMERA - GRILLE (UVH)



Connector Part Information

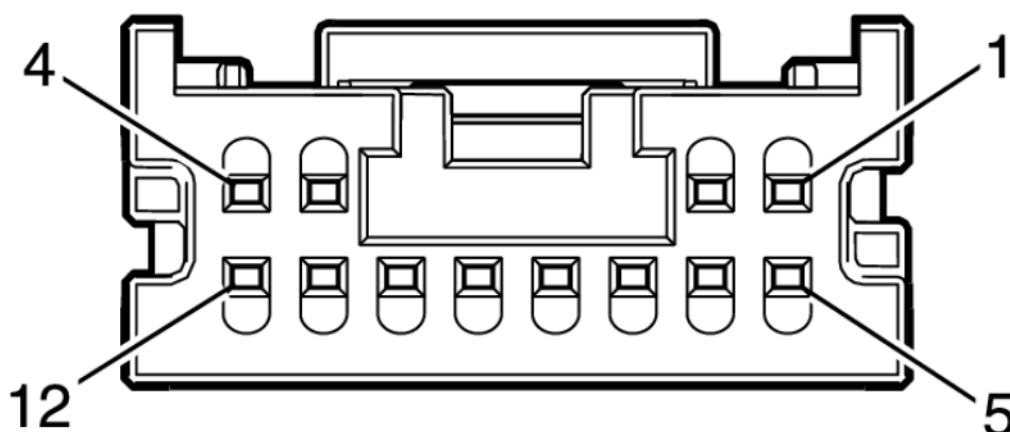
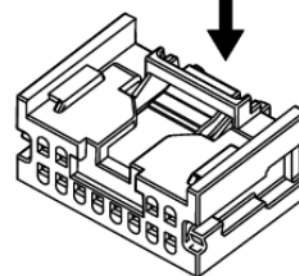
- Harness Type: Front Fascia
- OEM Connector: SRVWSB-05-DK
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (L-GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH	2397	Front Vision Camera #1 Signal (+)	I	UVH
2	0.35	BK/WH	2351	Signal Ground	I	UVH
3	0.5	BU	2398	Front Vision Camera #1 Signal (-)	I	UVH
4	0.5	BN/BK	6202	Camera Ground	I	UVH
5	0.5	WH/BN	6201	Camera Control	I	UVH

B174W FRONTVIEW CAMERA - WINDSHIELD (UGN/UHX)



Connector Part Information

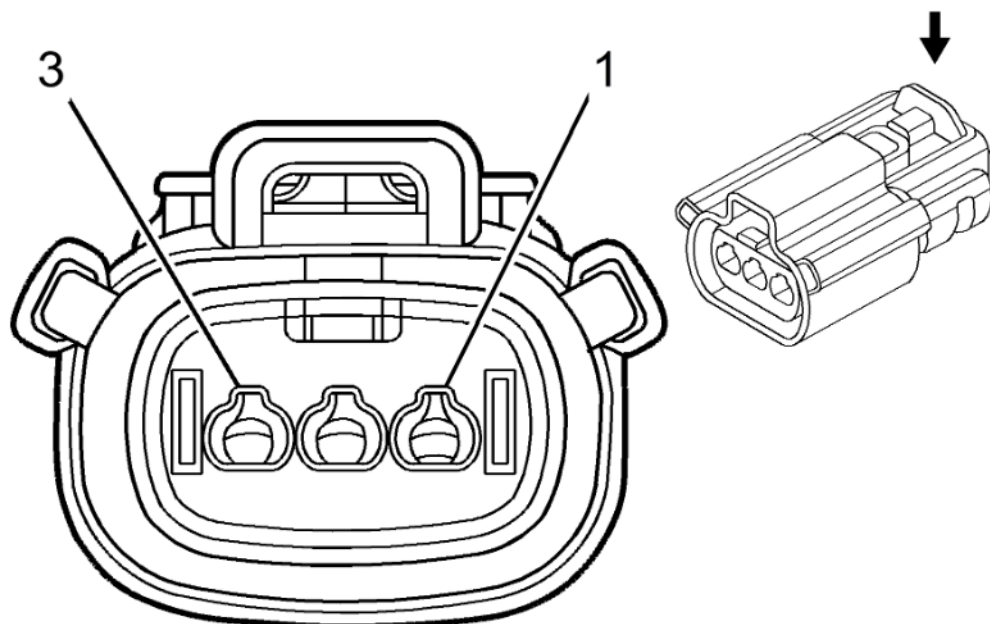
- Harness Type: Headliner
- OEM Connector: 34824-5124
- Service Connector: 13507121
- Description: 12-Way F Mini 50 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19333221	EL-35616-58 (BK)	J-38125-553	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	550	Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	RD/GY	6240	Battery Positive Voltage	I	-
4	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
5	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
6	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
7	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
8	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
9	0.35	WH/BU	5986	Serial Data Communication Enable	I	-
10	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-
11	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
12	-	-	-	Not Occupied	-	-

B197 CHARGE PORT DOOR POSITION SWITCH



Connector Part Information

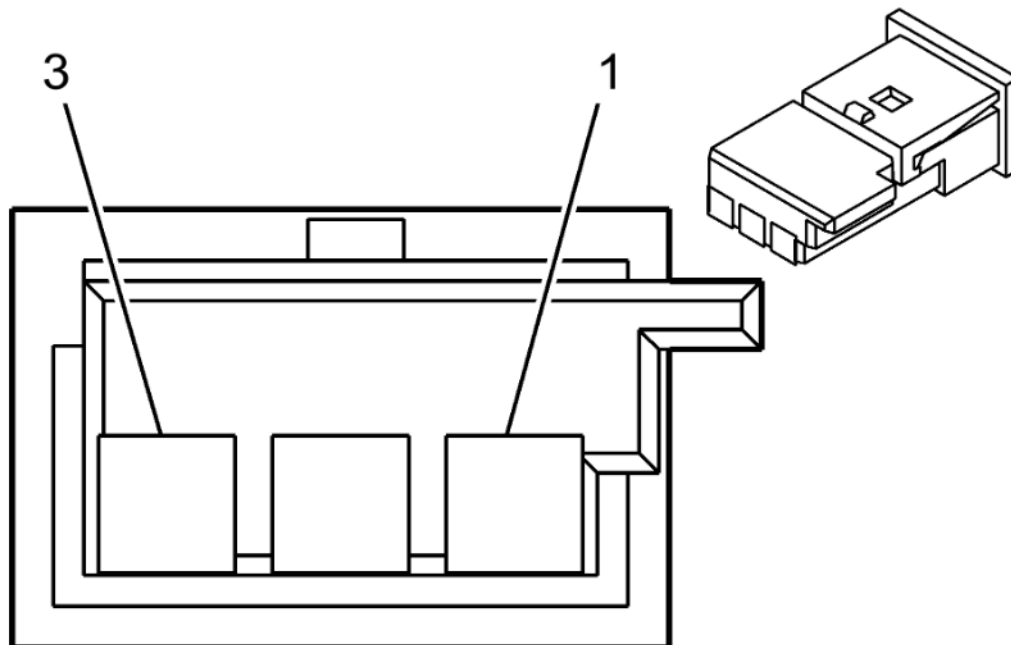
- Harness Type: High Voltage
- OEM Connector: 13503225
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 MX Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BU	3697	Charge Port Door Sensor Signal	I	-
2	-	-	-	Not Occupied	-	-
3	-	BK	550	Ground	I	-

B200 RAIN SENSOR MODULE (CE1)



Connector Part Information

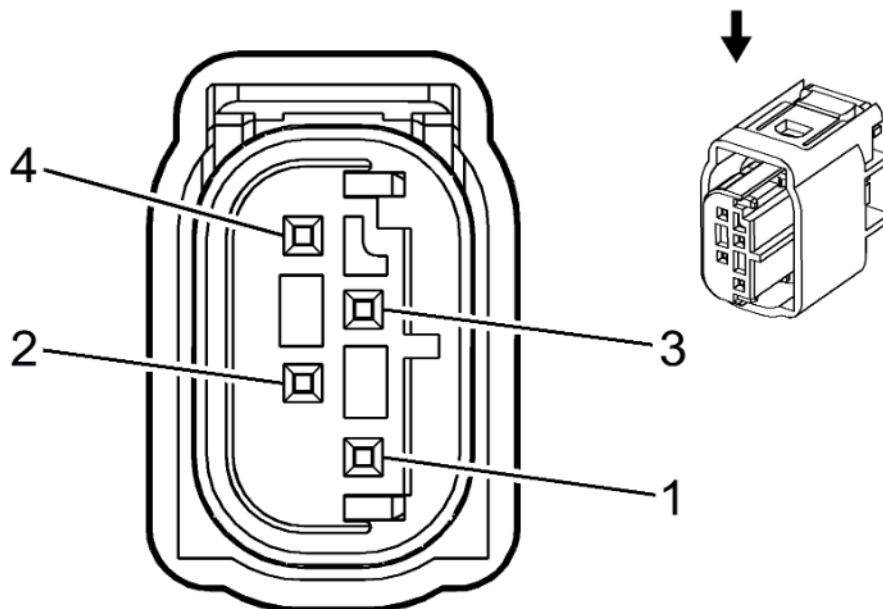
- Harness Type: Headliner
- OEM Connector: 1-1718346-1
- Service Connector: 13314078
- Description: 3-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/YE	3740	Battery Positive Voltage	I	CE1
2	0.35	GN/BN	6132	Local Interconnect Network Serial Data Bus 1	I	CE1
3	0.5	BK	550	Ground	I	CE1

B201 BRAKE CONTROL BRAKE PEDAL POSITION SENSOR



Connector Part Information

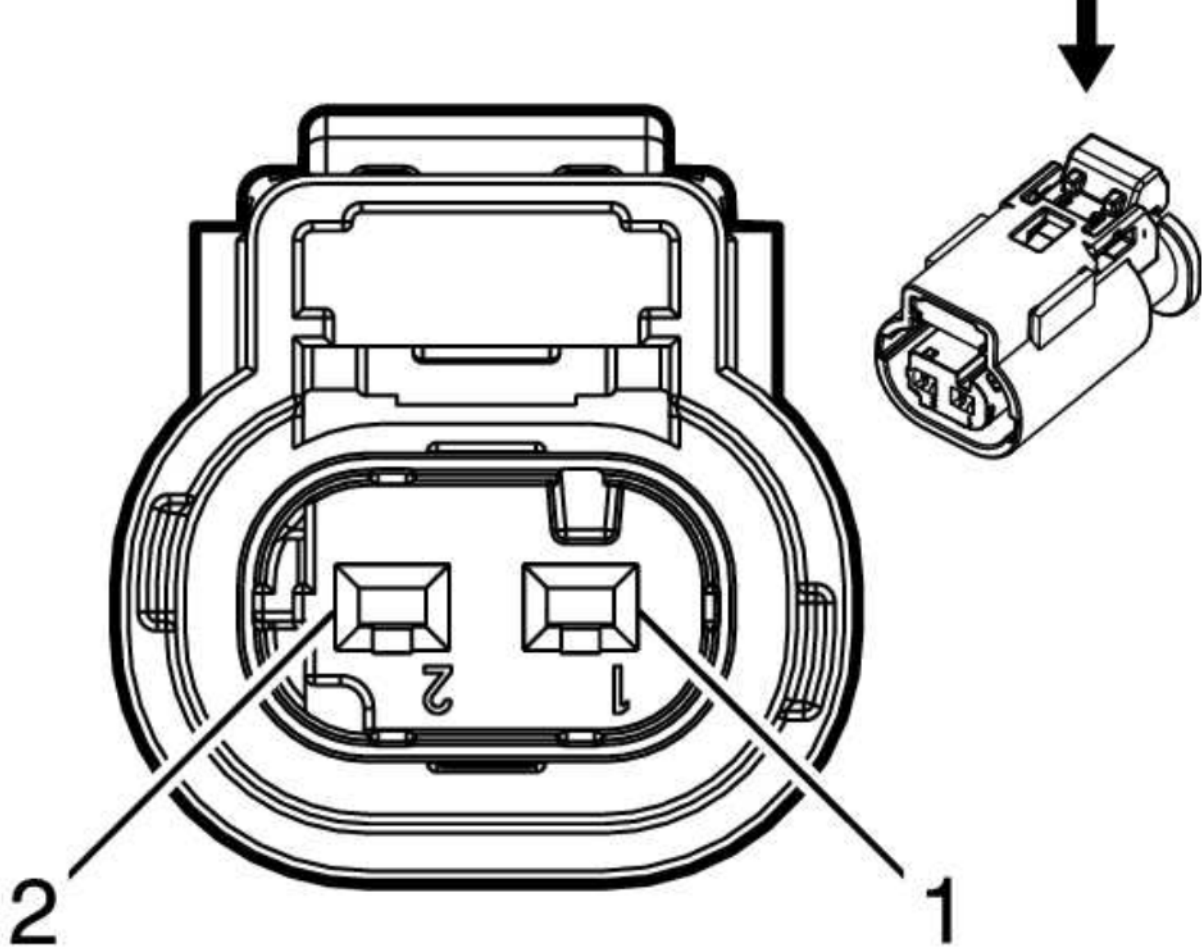
- Harness Type: Body
- OEM Connector: 1563215-1
- Service Connector: 13314098
- Description: 4-Way F 0.64 Micro-Quadlock Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU/RD	3335	Brake Pedal Travel Sensor 1 High Reference	I	-
2	0.35	BU/YE	3334	Brake Pedal Travel Sensor 1 Signal	I	-
3	0.5	BK/GY	3417	Brake Pedal Travel Sensor 1 Low Reference	I	-
4	0.35	VT/BN	3333	Brake Pedal Travel Sensor 2 Signal	I	-

B202 HYBRID/EV ELECTRONICS COOLANT TEMPERATURE SENSOR



Connector Part Information

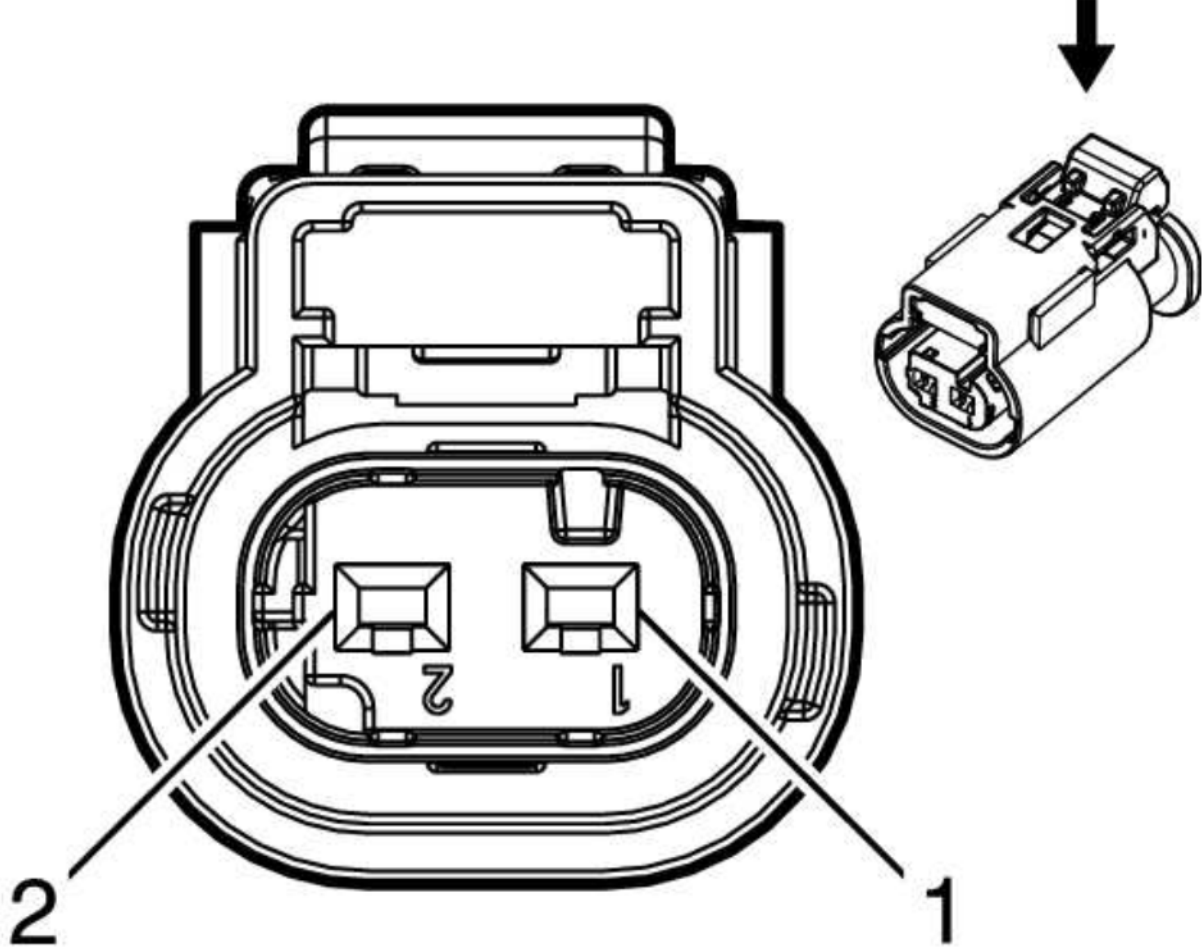
- Harness Type: Engine
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE/BK	3000	Coolant Temperature Sensor 2 Signal	I	-
2	0.5	BK/BU	6813	Coolant Temperature Sensor 2 Low Reference	I	-

B204A HYBRID/EV BATTERY PACK COOLANT TEMPERATURE SENSOR 1



Connector Part Information

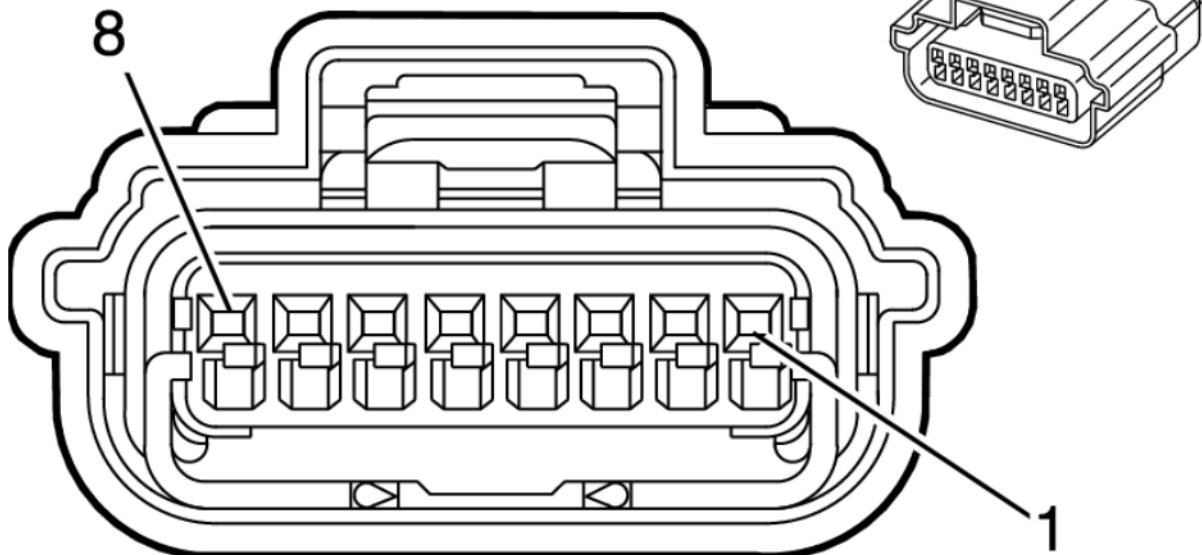
- Harness Type: Body
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

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

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

B218L SIDE OBJECT SENSOR MODULE - LEFT (UKC)



Connector Part Information

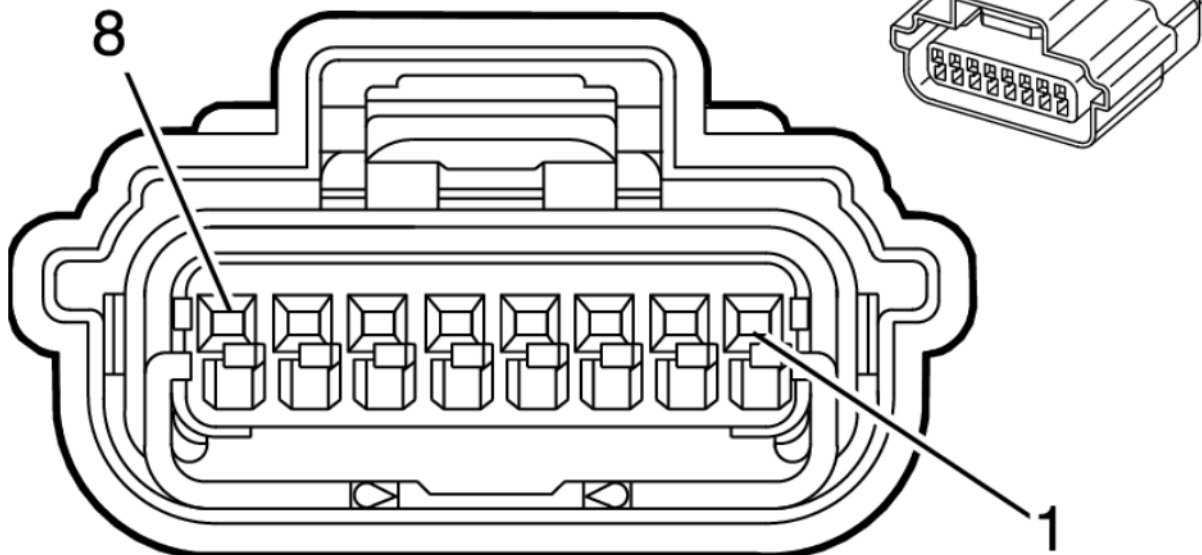
- Harness Type: Rear Fascia
- OEM Connector: ATSSPB-C0805J-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN	5060	Low Speed GMLAN Serial Data	I	UKC
2 - 3	-	-	-	Not Occupied	-	-
4	0.5	BU/WH	3812	High Speed GMLAN Serial Data (+) 5	I	UKC
5	0.5	BU/YE	3810	High Speed GMLAN Serial Data (-) 5	I	UKC
6	-	-	-	Not Occupied	-	-
7	0.5	BK	1550	Ground	I	UKC
8	0.35	RD/YE	5840	Battery Positive Voltage	I	UKC

B218R SIDE OBJECT SENSOR MODULE - RIGHT (UKC)



Connector Part Information

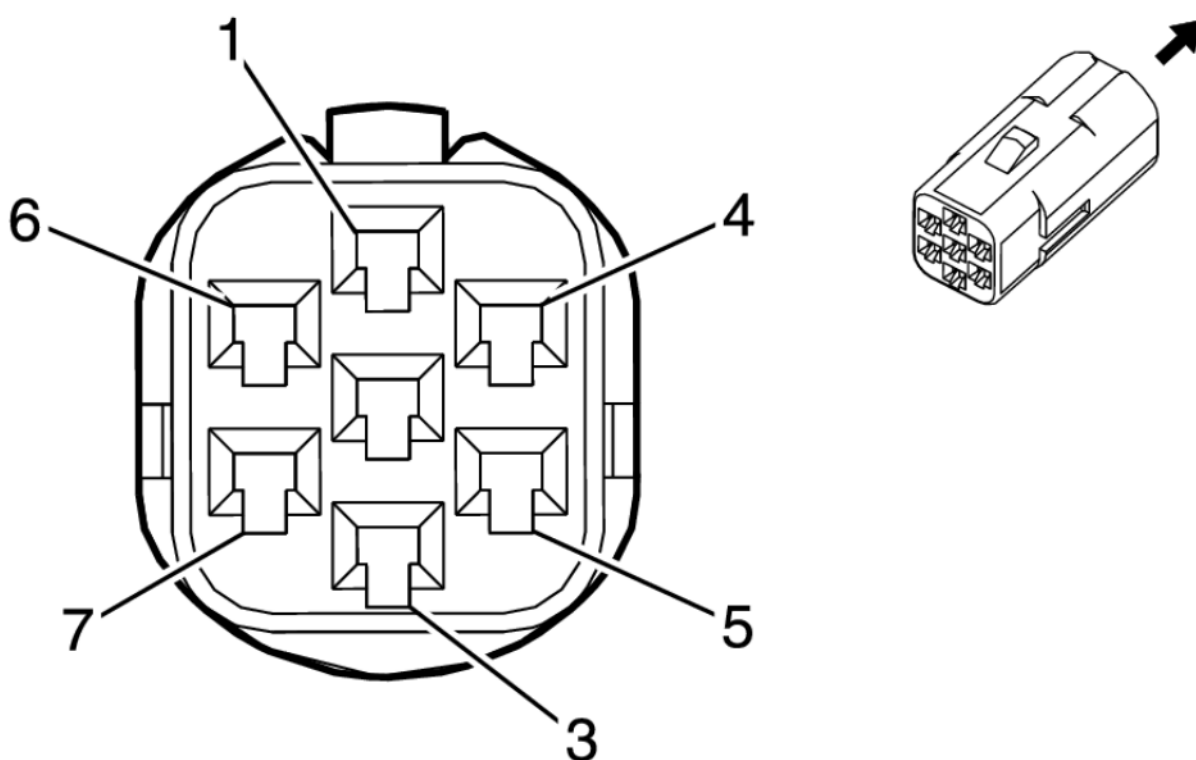
- Harness Type: Rear Fascia
- OEM Connector: ATSSPB-C0806L-1AK
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY	1761	Right Side Object Detection LED Control	I	UKC
2	0.5	GY/YE	1760	Left Side Object Detection LED Control	I	UKC
3	-	-	-	Not Occupied	-	-
4	0.5	BU/WH	3812	High Speed GMLAN Serial Data (+) 5	I	UKC
5	0.5	BU/YE	3810	High Speed GMLAN Serial Data (-) 5	I	UKC
6	-	-	-	Not Occupied	-	-
7	0.5	BK	1550	Ground	I	UKC
8	0.35	RD/YE	5840	Battery Positive Voltage	I	UKC

B225L SIDEVIEW CAMERA - LEFT (UVH)



Connector Part Information

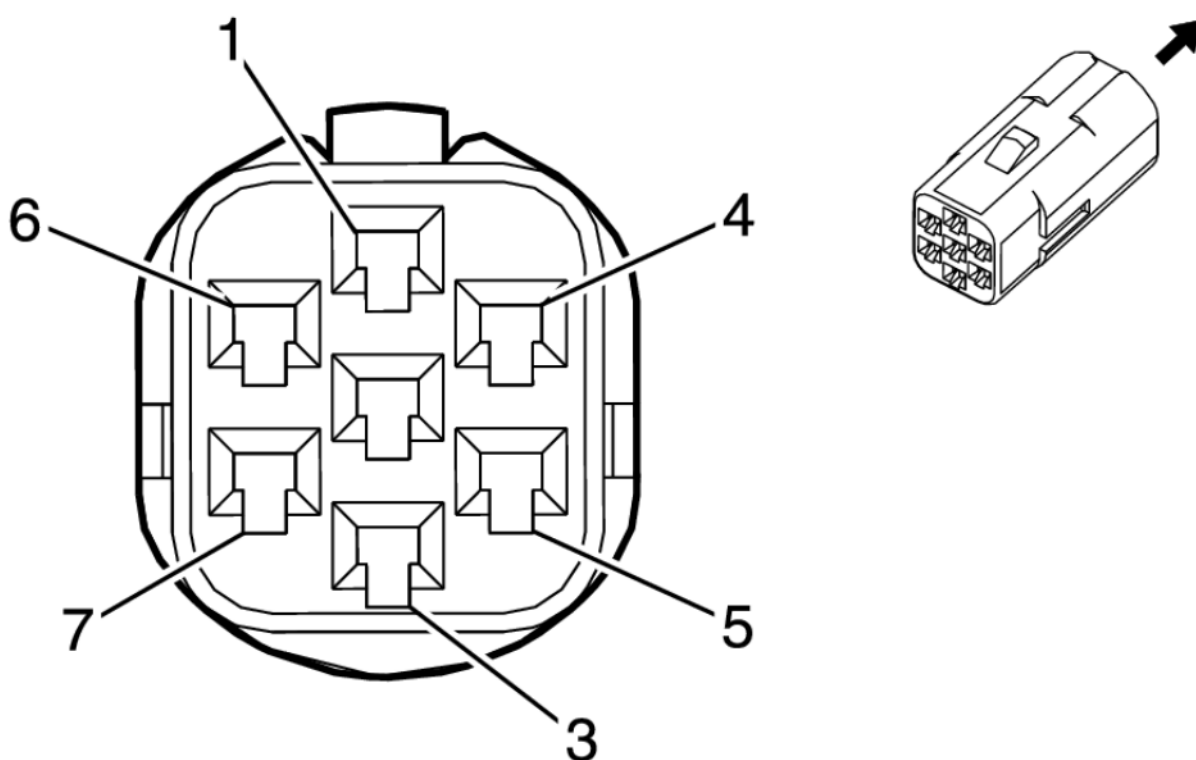
- Harness Type: Driver Outside Rearview Mirror
- OEM Connector: 13576423
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F Multilock Series (GN)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/GN	2628	Left Side Vision Camera Video Signal (+)	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	-	GY/GN	2625	Left Side Vision Camera Video Signal (-)	I	-
5	-	BK/GN	4664	Left Side Camera Return	I	-
6	-	VT/GN	4663	Left Side Camera Control	I	-
7	-	-	-	Not Occupied	-	-

B225R SIDEVIEW CAMERA - RIGHT (UVH)



Connector Part Information

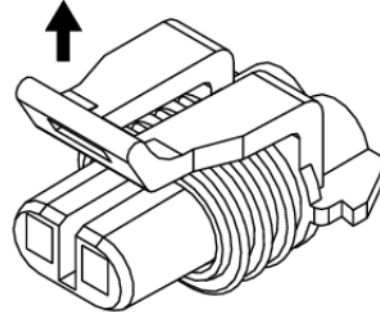
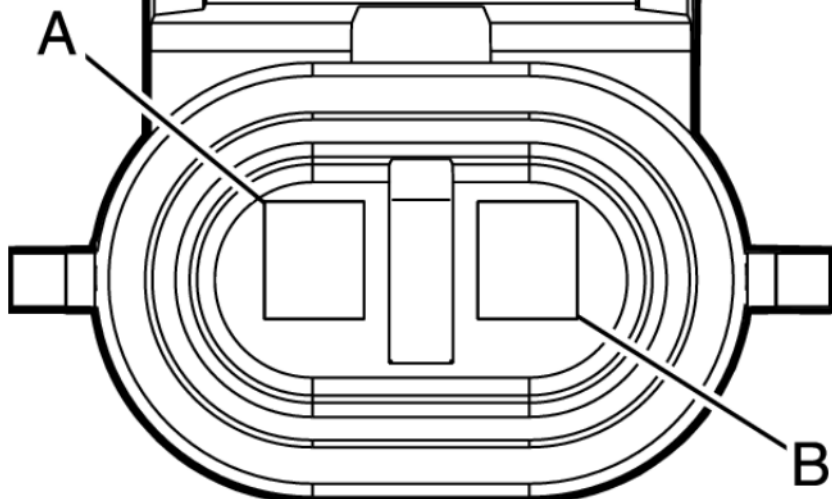
- Harness Type: Passenger Outside Rearview Mirror
- OEM Connector: 13576423
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F Multilock Series (GN)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	WH/BU	2627	Right Side Vision Camera Video Signal (+)	I	-
2 - 3	-	-	-	Not Occupied	-	-
4	-	GY/BU	2626	Right Side Vision Camera Video Signal (-)	I	-
5	-	BK/BU	4667	Right Side Camera Return	I	-
6	-	VT/BU	4666	Right Side Camera Control	I	-
7	-	-	-	Not Occupied	-	-

B258 HYBRID/EV BATTERY COOLANT LEVEL SWITCH



Connector Part Information

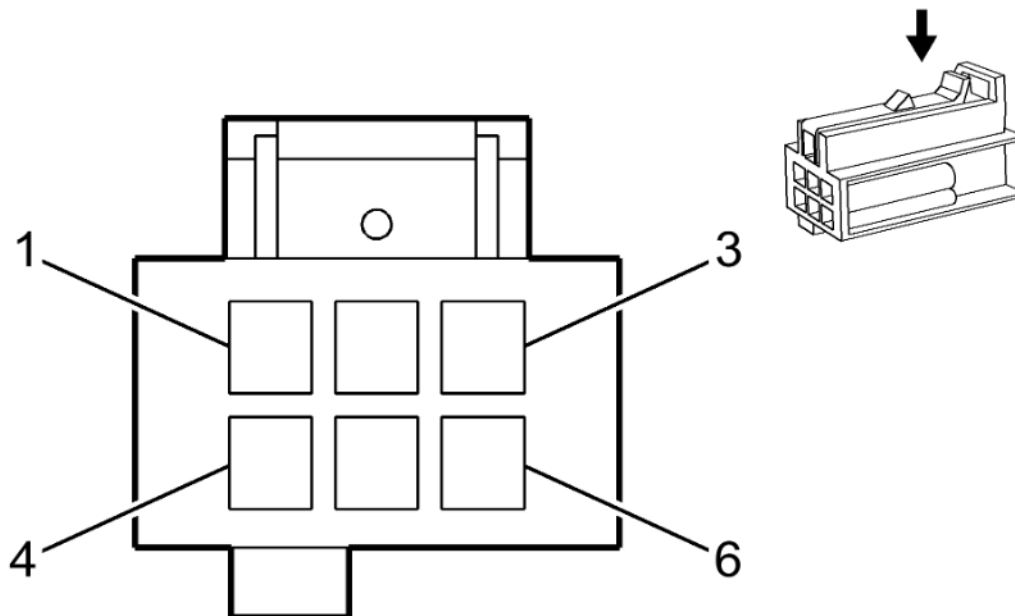
- Harness Type: Forward Lamp
- OEM Connector: 12052641
- Service Connector: 13586114
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.5	BU/YE	68	Low Coolant Level Indicator Control	I	-
B	0.5	BK/GN	476	Sensor Low Reference	I	-

P36 BATTERY STATE OF CHARGE INDICATOR



Connector Part Information

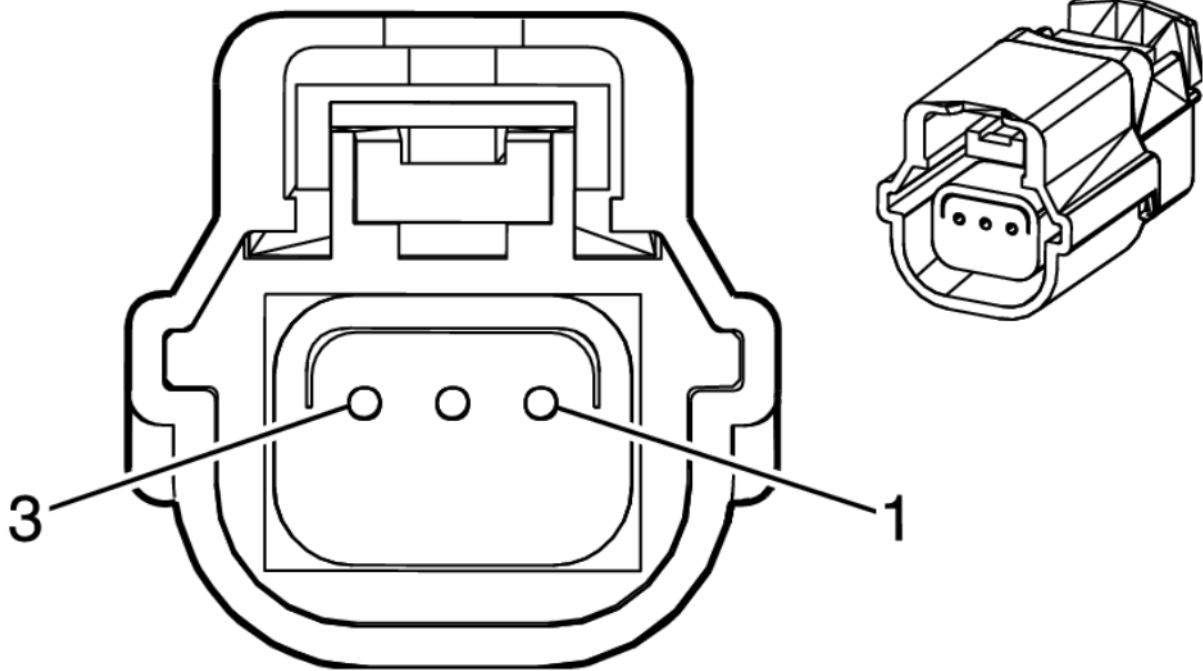
- Harness Type: Instrument Panel
- OEM Connector: 965413-1
- Service Connector: 19333315
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK	1450	Ground	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	0.5	YE/VT	3956	Charging Status Indicator Control	I	-
4	0.5	GY/GN	3957	Charging Pilot Signal Indicator Control	I	-
5	0.35	RD/BU	6740	Battery Positive Voltage	I	-
6	0.5	BK	1450	Ground	I	-

B306A PARKING ASSIST SENSOR - FRONT LEFT OUTER (UD5/UFQ)



Connector Part Information

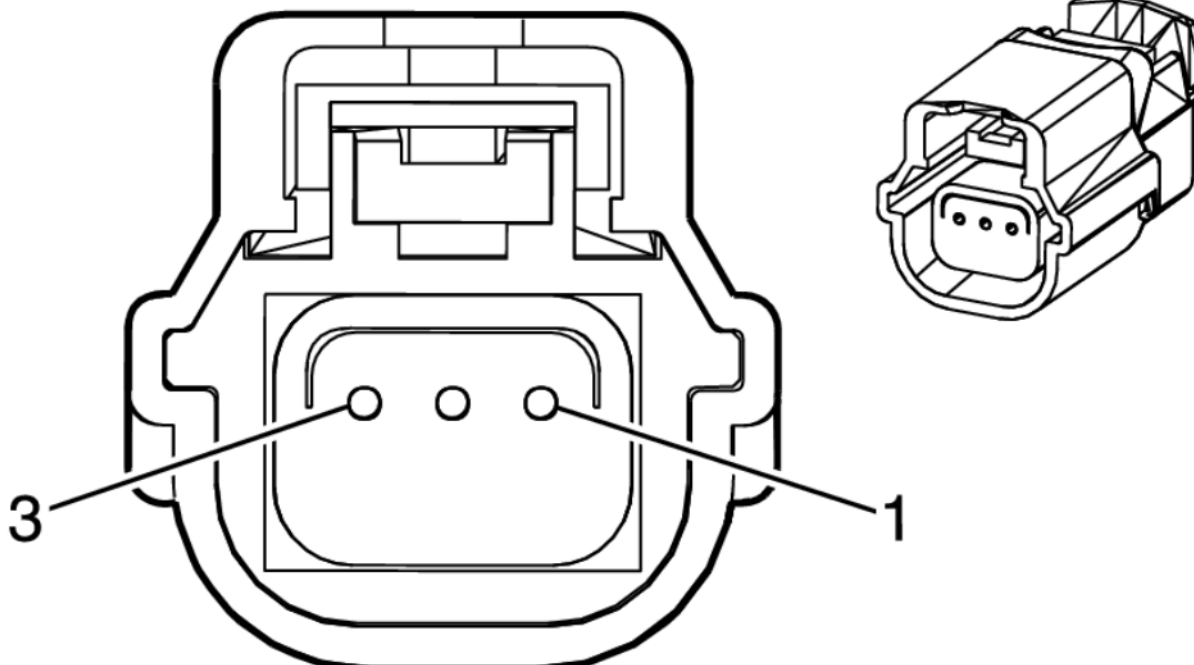
- Harness Type: Front Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UD5/UFQ
2	0.5	VT/WH	5215	Front Parking Left Corner Sensor	I	UD5/UFQ
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UD5/UFQ

B306B PARKING ASSIST SENSOR - FRONT LEFT MIDDLE



Connector Part Information

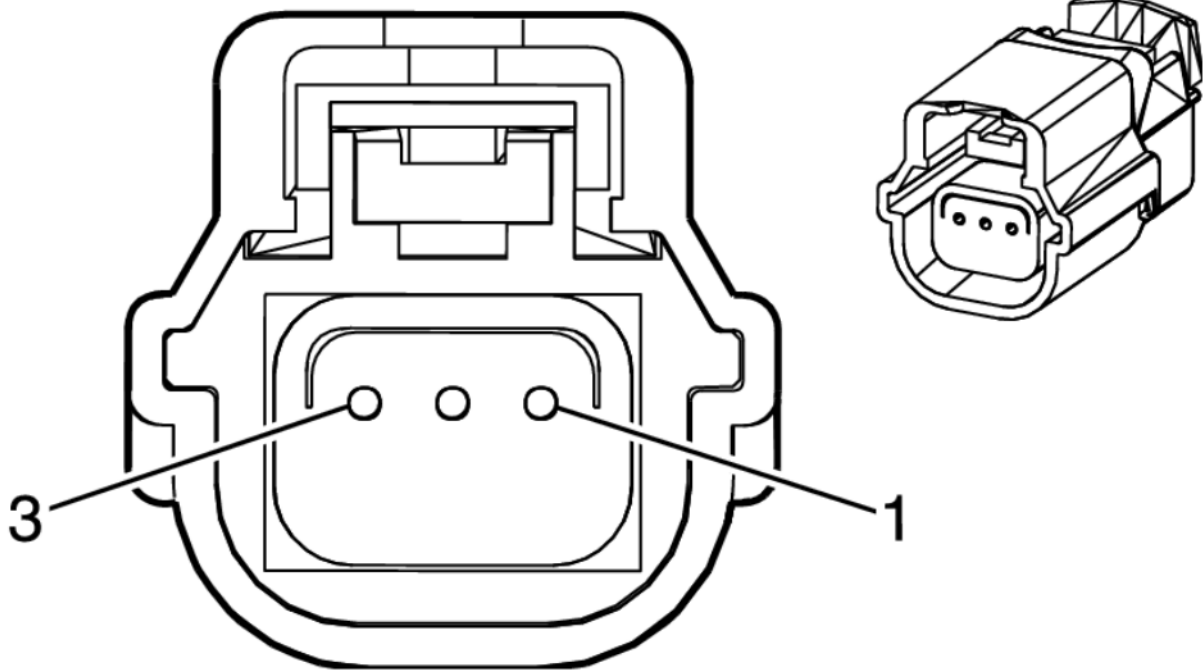
- Harness Type: Front Fascia
- OEM Connector: 19115171
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	6581	Front Parking Aid Display Control	I	-
2	-	YE/GY	5216	Front Parking Left Mid Sensor	I	-
3	-	BK/BU	5214	Front Parking Sensor Low Reference	I	-

B306C PARKING ASSIST SENSOR - FRONT RIGHT MIDDLE (UD5/UFQ)



Connector Part Information

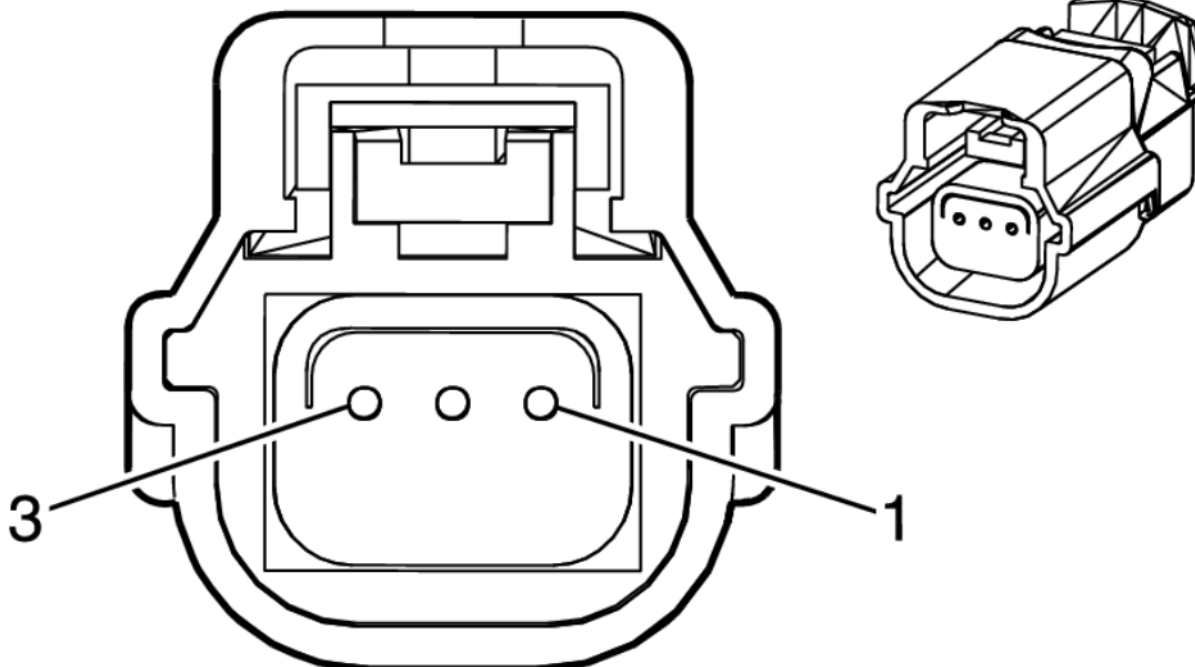
- Harness Type: Front Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UD5/UFQ
2	0.5	VT/GY	5218	Front Parking Right Mid Sensor	I	UD5/UFQ
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UD5/UFQ

B306D PARKING ASSIST SENSOR - FRONT RIGHT OUTER (UD5/UFQ)



Connector Part Information

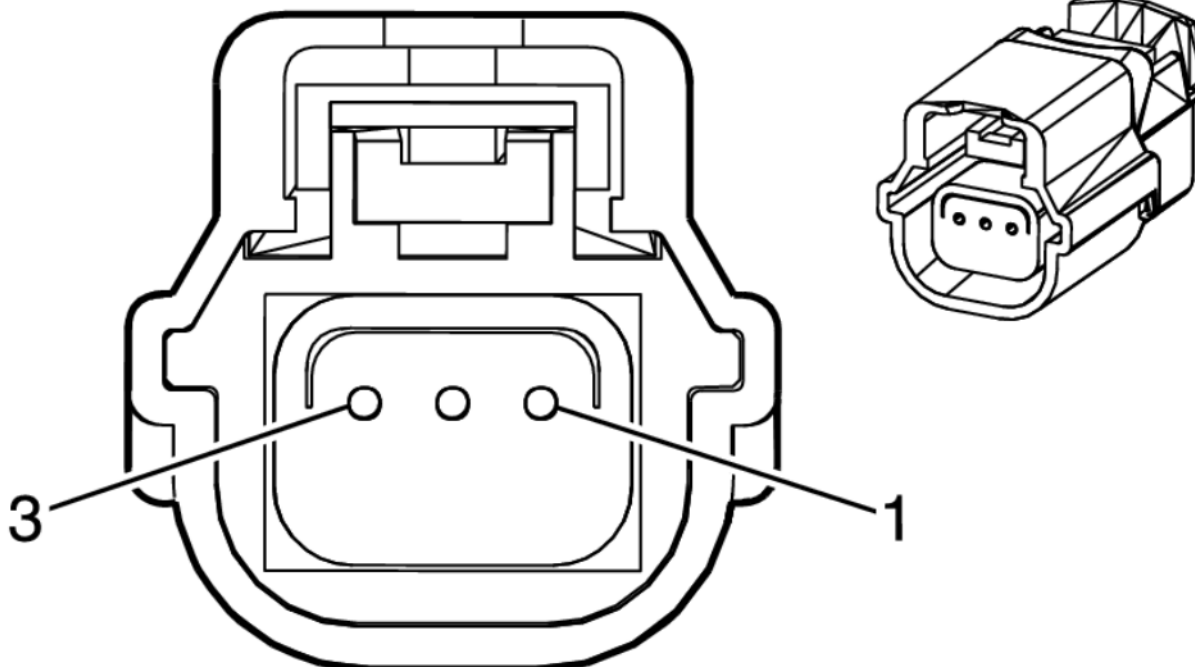
- Harness Type: Front Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UD5/UFQ
2	0.5	WH/GY	5217	Front Parking Right Corner Sensor	I	UD5/UFQ
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UD5/UFQ

B306E PARKING ASSIST SENSOR - REAR LEFT OUTER (UD5/UD7/UFQ)



Connector Part Information

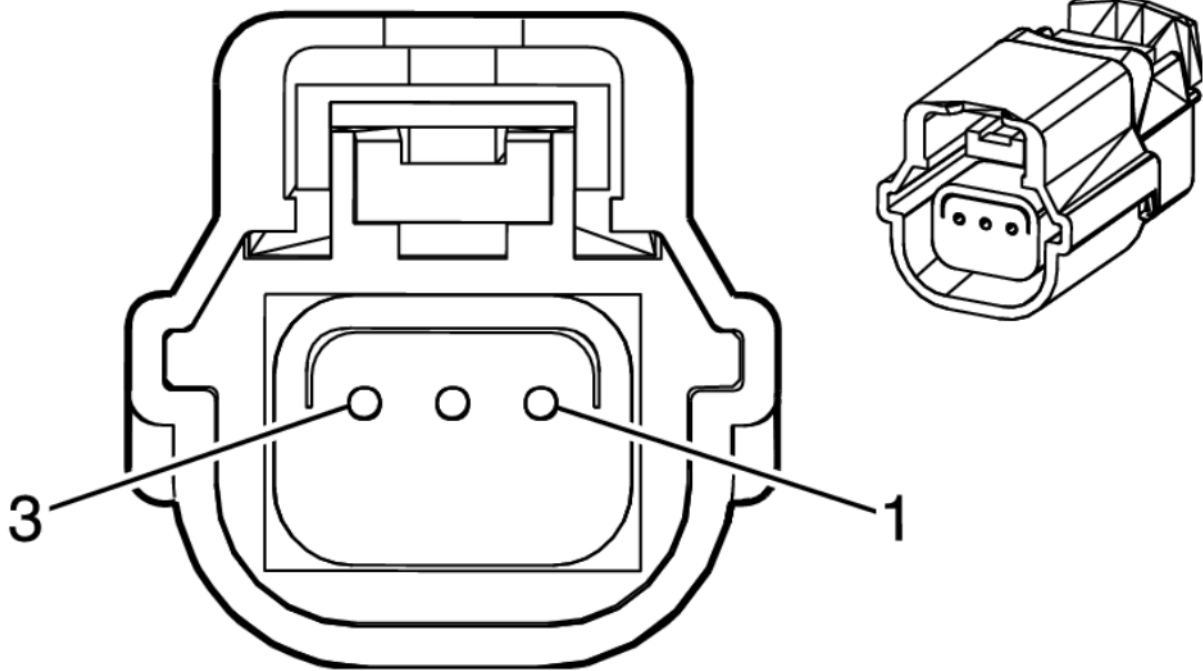
- Harness Type: Rear Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/WH	2374	Object Sensor Control	I	-
2	0.35	YE	2375	Left Rear Corner Object Sensor Signal	I	UD5/UFQ/UD7
3	0.35	BK/GY	2379	Object Sensor Low Reference	I	-

B306H PARKING ASSIST SENSOR - REAR RIGHT OUTER (UD5/UD7/UFQ)



Connector Part Information

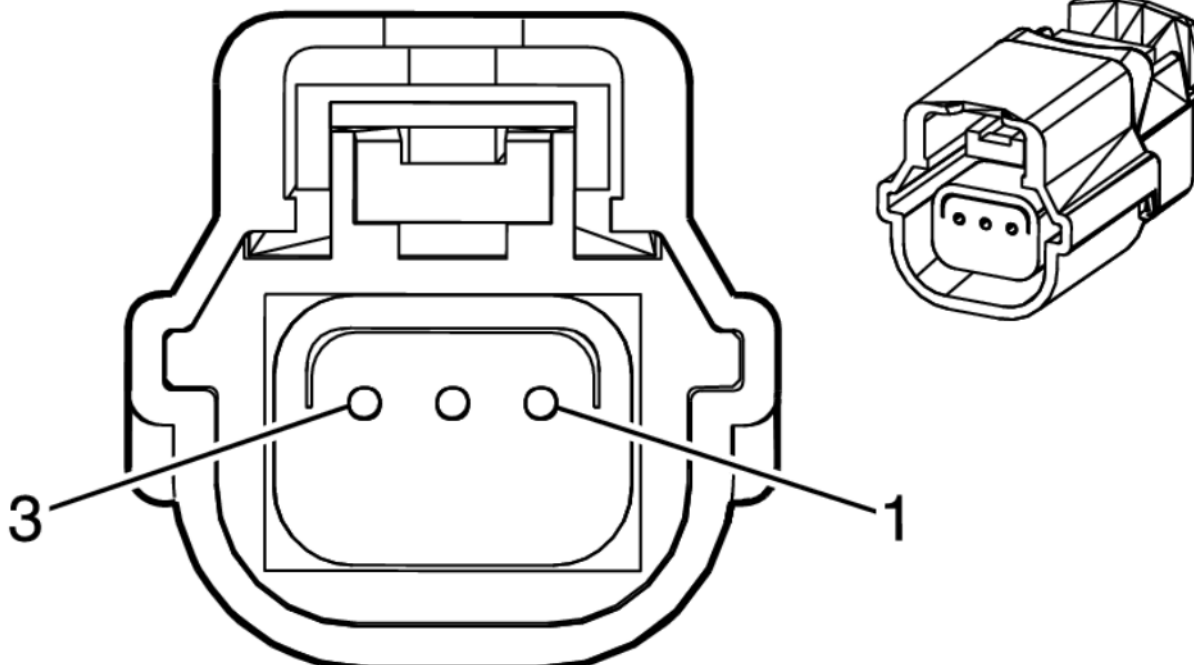
- Harness Type: Rear Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/WH	2374	Object Sensor Control	I	-
2	0.35	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
3	0.35	BK/GY	2379	Object Sensor Low Reference	I	-

B306J PARKING ASSIST SENSOR - REAR MIDDLE



Connector Part Information

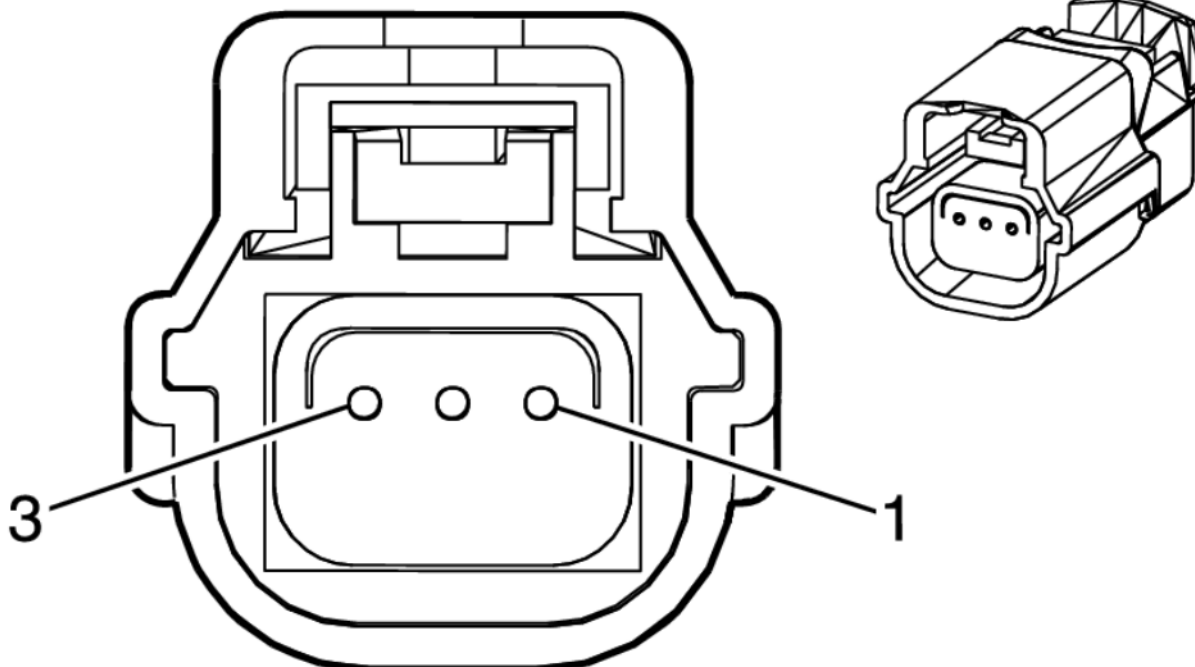
- Harness Type: Rear Fascia Harness
- OEM Connector: 19115171
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/WH	2374	Object Sensor Control	I	-
2	-	WH/YE	2377	Right Rear Middle Object Sensor Signal	I	-
3	-	BK/GY	2379	Object Sensor Low Reference	I	-

B306K PARKING ASSIST SENSOR - SIDE LEFT FRONT (UFQ)



Connector Part Information

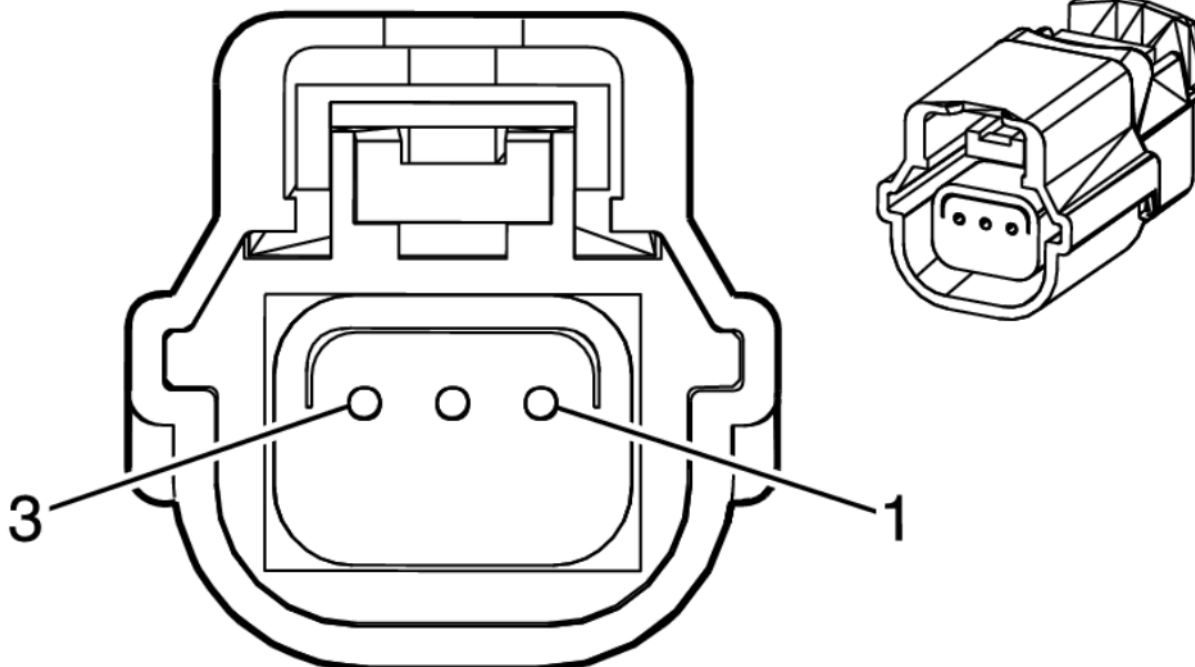
- Harness Type: Front Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UFQ
2	0.5	GY	3154	Left Front Supplemental Object Sensor Signal	I	UFQ
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UFQ

B306L PARKING ASSIST SENSOR - SIDE RIGHT FRONT (UFQ)



Connector Part Information

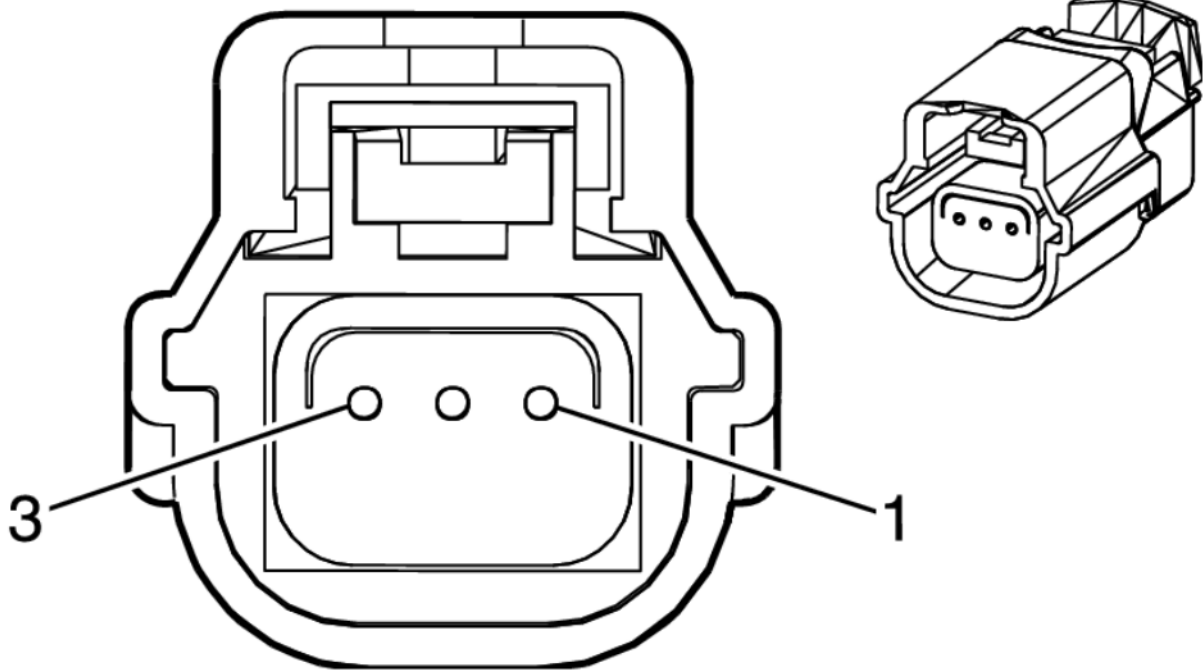
- Harness Type: Front Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN	6581	Front Parking Aid Display Control	I	UFQ
2	0.5	GN	3155	Right Front Supplemental Object Sensor Signal	I	UFQ
3	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UFQ

B306M PARKING ASSIST SENSOR - SIDE LEFT REAR (UFQ)



Connector Part Information

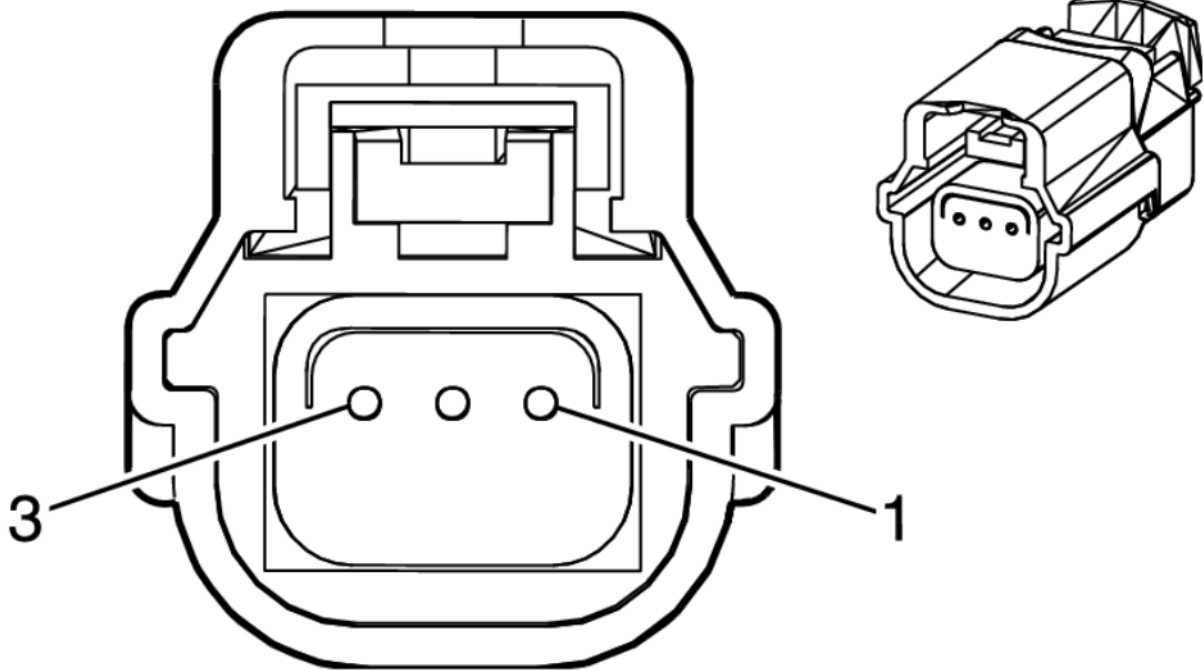
- Harness Type: Rear Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/WH	2374	Object Sensor Control	I	UFQ
2	0.35	GN	3156	Left Rear Supplemental Object Sensor Signal	I	UFQ
3	0.35	BK/GY	2379	Object Sensor Low Reference	I	UFQ

B306N PARKING ASSIST SENSOR - SIDE RIGHT REAR (UFQ)



Connector Part Information

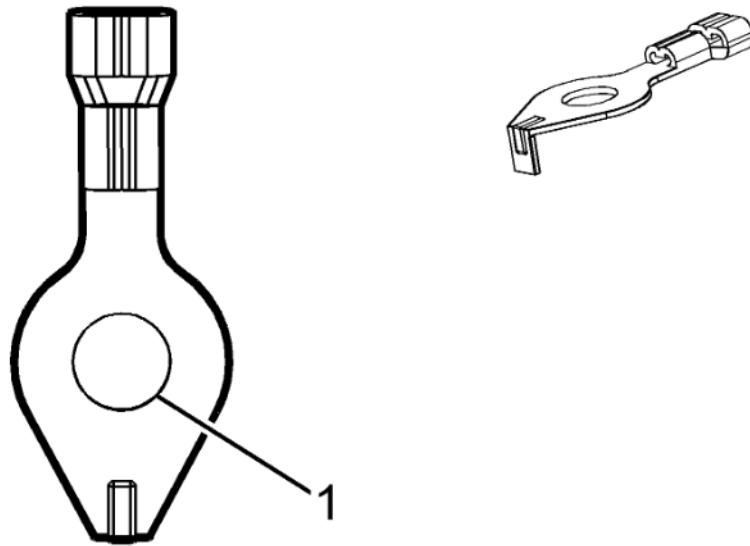
- Harness Type: Rear Fascia
- OEM Connector: 31404-3110
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series, Sealed (BK)

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-35616-64B (LT BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BN/WH	2374	Object Sensor Control	I	UFQ
2	0.35	BU	3157	Right Rear Supplemental Object Sensor Signal	I	UFQ
3	0.35	BK/GY	2379	Object Sensor Low Reference	I	UFQ

C1 BATTERY ((-) BODY)



Connector Part Information

- Harness Type: Body
- OEM Connector: ST711059-3
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

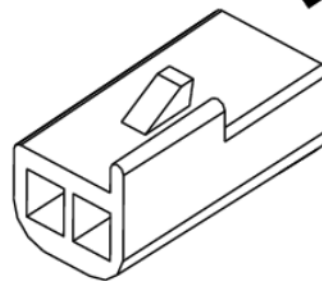
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BK/WH	51	Signal Ground	I	-

C3 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE BATTERY (UE1)

A

B



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12047662
- Service Connector: 12085535
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	YE/VT	5235	Battery Backup Control	I	UE1
B	0.35	BK/VT	5167	Battery Backup Low Reference	I	UE1

C5A HYBRID/EV BATTERY MODULE 1 X1

Connector Part Information

- Harness Type: Hybrid/EV Battery
- OEM Connector: Not Available
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	PK	5403	Battery Pack Monitor Low Reference	I	-
2	-	L-BU	5394	Battery Voltage Signal 2	I	-
3	-	VT	5396	Battery Voltage Signal 4	I	-
4	-	WH	5398	Battery Voltage Signal 6	I	-
5	-	BN	5400	Battery Voltage Signal 8	I	-
6	-	BU	5392	Battery Voltage Signal 10	I	-

C5A HYBRID/EV BATTERY MODULE 1 X2

- Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	5391	Battery Voltage Signal 1	I	-
2	-	YE	5395	Battery Voltage Signal 3	I	-
3	-	OG	5397	Battery Voltage Signal 5	I	-
4	-	GY	5399	Battery Voltage Signal 7	I	-
5	-	OG/RD	5401	Battery Voltage Signal 9	I	-

C5B HYBRID/EV BATTERY MODULE 2 X1

- Connector Part Information • Harness Type: Hybrid/EV Battery • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way							
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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	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN	5579	Battery Voltage Signal 20	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	-	WH	5577	Battery Voltage Signal 18	I	-
3	-	VT	5575	Battery Voltage Signal 16	I	-
4	-	L-BU	5573	Battery Voltage Signal 14	I	-
5	-	PK	5571	Battery Voltage Signal 12	I	-
6	-	GN/WH	5403	Battery Pack Monitor Low Reference	I	-
