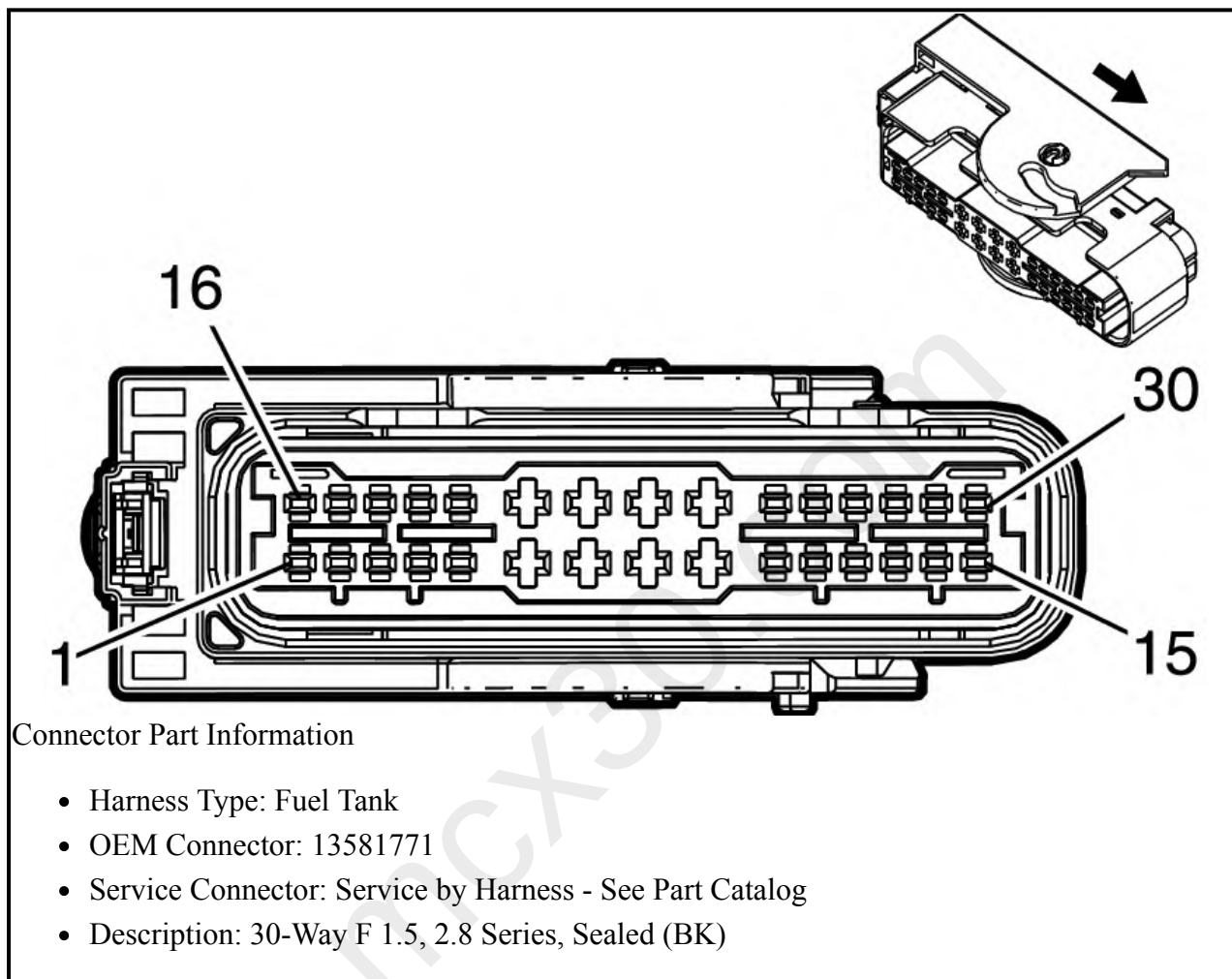


2018 ELECTRICAL**Wiring Systems And Power Management - Component Locator - Component Connector
End Views (K111 - P19J) - Equinox & Terrain****COMPONENT CONNECTOR END VIEWS****K111 FUEL PUMP DRIVER CONTROL MODULE (LH7)****Terminal Part Information**

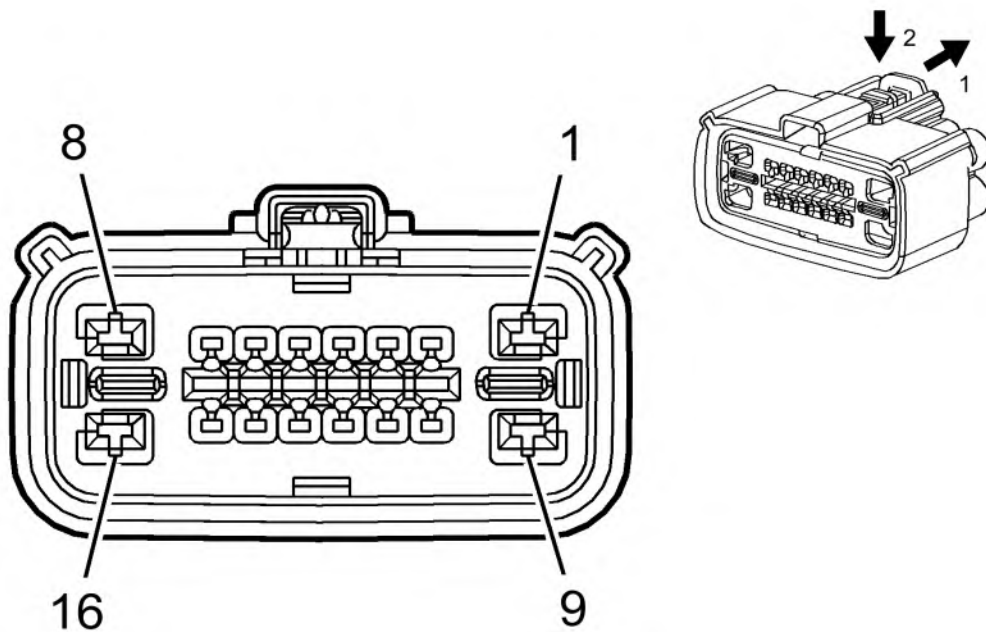
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	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	WH/RD	6862	Water In Fuel Sensor 5V Reference	III	-
2	0.35	BU/YE	6861	Water In Fuel Sensor Signal	III	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK/VT	455	Fuel Filter Temperature Signal	III	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5 - 6	-	-	-	Not Occupied	-	-
7	2.5	RD/BU	3240	Battery Positive Voltage	II	-
8	2.5	GY	120	Fuel Pump Control	II	-
9	2.5	YE/GY	4137	Fuel Pump Supply Voltage Phase 2	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.5	BN/RD	7445	Fuel Line Pressure Sensor 5V Reference	I	-
13	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
14	0.5	BU/WH	1937	Secondary Fuel Level Sensor Signal	III	F48
15	0.5	WH	4499	High Speed GMLAN Serial Data (-) 7	I	-
16	0.5 0.5	VT VT	3674 5985	NOx Sensor 1 Control Accessory Wakeup Serial Data	I I	NDE -NDE
17	0.5	VT/GN	39	Run/Crank Ignition 1 Voltage	I	-
18	0.5	GN/GY	465	Fuel Pump Primary Relay Control	I	-
19	0.35	BK/VT	412	Fuel Filter Temperature Sensor Low Reference	III	-
20 - 21	-	-	-	Not Occupied	-	-
22	2.5	BK	1950	Ground	II	-
23	0.5	BU	7443	Fuel System Control Module Shield Ground Extension	II	-
24	2.5	WH/BN	4138	Fuel Pump Supply Voltage Phase 3	II	-
25	0.35	BK/BU	6863	Water In Fuel Sensor Low Reference	III	-
26	0.5	BU/WH	7446	Fuel Line Pressure Sensor Signal	I	-
27	0.5	BK/YE	7447	Fuel Line Pressure Sensor Low Reference	I	-
28	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
29	0.5	BK/BU	6282	Fuel Level Sensor 2 Low Reference	III	F48
30	0.5	BU/BN	4498	High Speed GMLAN Serial Data (+) 7	I	-

K111 FUEL PUMP DRIVER CONTROL MODULE (LTG/LYX+X88)

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Connector Part Information

- Harness Type: Body
- OEM Connector: 13599887
- Service Connector: 19352906
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)

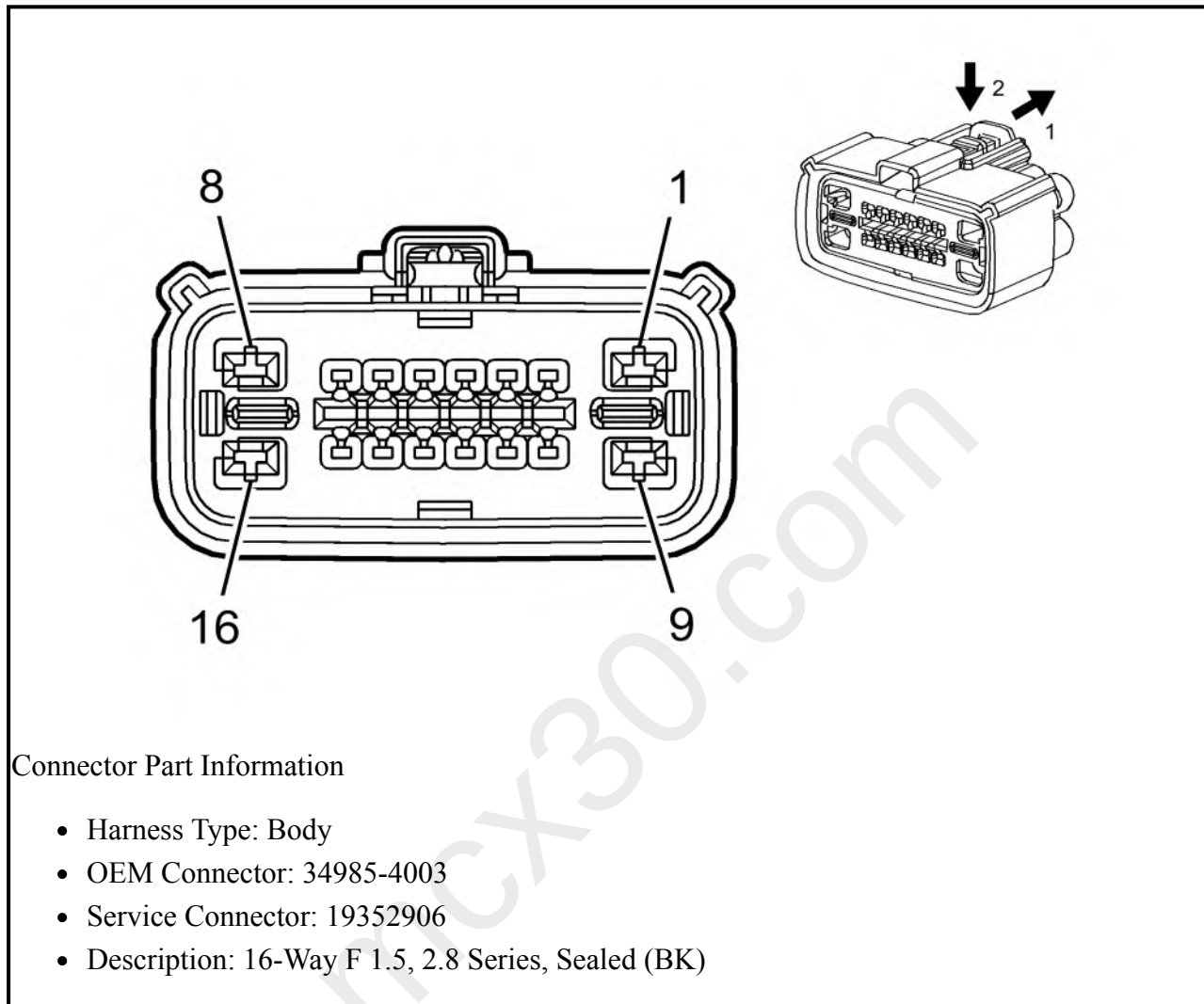
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575809	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13576377	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19300432	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/BU	3240	Battery Positive Voltage	II	LYX/LTG
2	0.35	GY	5660	Fuel Pump Controller Data Out Signal	III	LYX/LTG
3	-	-	-	Not Occupied	-	-
4	0.35 0.35	BU/BK BU/BK	7493 7493	High Speed GMLAN Serial Data (+) 3 High Speed GMLAN Serial Data (+) 3	III I	KL9 -KL9
5	0.35 0.35	WH WH	7494 7494	High Speed GMLAN Serial Data (-) 3 High Speed GMLAN Serial Data (-) 3	III I	KL9 -KL9
6	0.35	VT/GN	39	Run/Crank Ignition 1 Voltage	III	LYX/LTG
7	0.35	VT/YE	5985	Accessory Wakeup Serial Data	III	LYX/LTG
8	2.5	GY	120	Fuel Pump Control	II	LYX/LTG

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
9	2.5	BK	1950	Ground	II	LYX/LTG
10 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU	7443	Fuel System Control Module Shield Ground Extension	III	LYX/LTG
16	2.5	BK/GN	1580	Fuel Pump Low Reference	II	LYX/LTG

K111 FUEL PUMP DRIVER CONTROL MODULE (LTG/LYX+Z88)



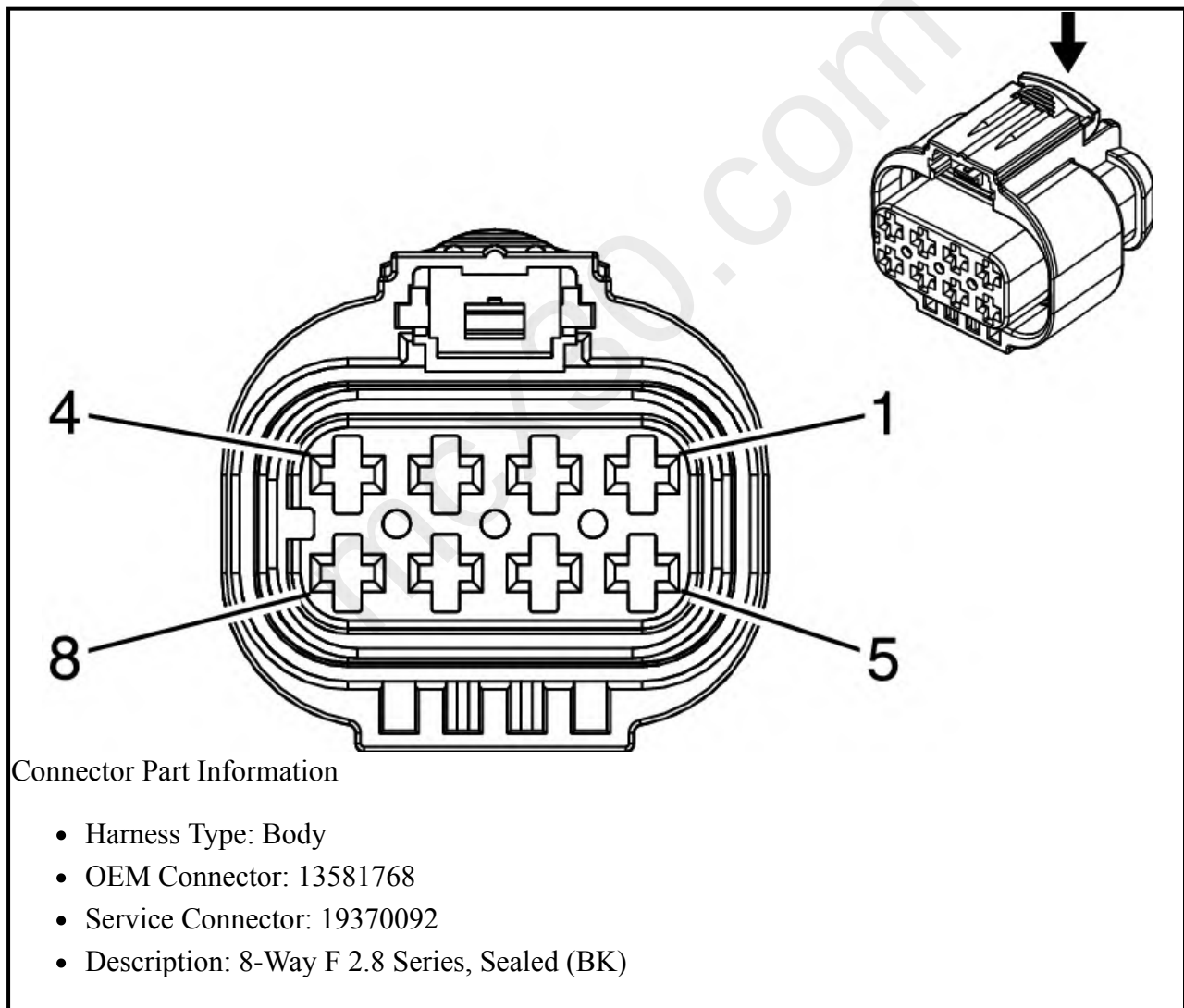
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575809	J-35616-2A (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available
II	13576377	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	4	D
III	19300432	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	2.5	RD/BU	3240	Battery Positive Voltage	II	LYX/LTG
2 - 3	-	-	-	Not Occupied	-	-
4	0.35 0.35	BU/BK BU/BK	7493 7493	High Speed GMLAN Serial Data (+) 3 High Speed GMLAN Serial Data (+) 3	I III	EPH+LYX/LTG -EPH+LYX/LTG

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35 0.35	WH WH	7494 7494	High Speed GMLAN Serial Data (-) 3 High Speed GMLAN Serial Data (-) 3	I III	EPH+LYX/LTG -EPH+LYX/LTG
6	0.35	VT/GN	39	Run/Crank Ignition 1 Voltage	I	-
7	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
8	2.5	GY	120	Fuel Pump Control	II	LYX/LTG
9	2.5	BK	1950	Ground	II	LYX/LTG
10 - 14	-	-	-	Not Occupied	-	-
15	0.35	BU	7443	Fuel System Control Module Shield Ground Extension	III	LYX/LTG
16	2.5	BK/GN	1580	Fuel Pump Low Reference	II	LYX/LTG

K115 REDUCTANT CONTROL MODULE X1 (LH7)

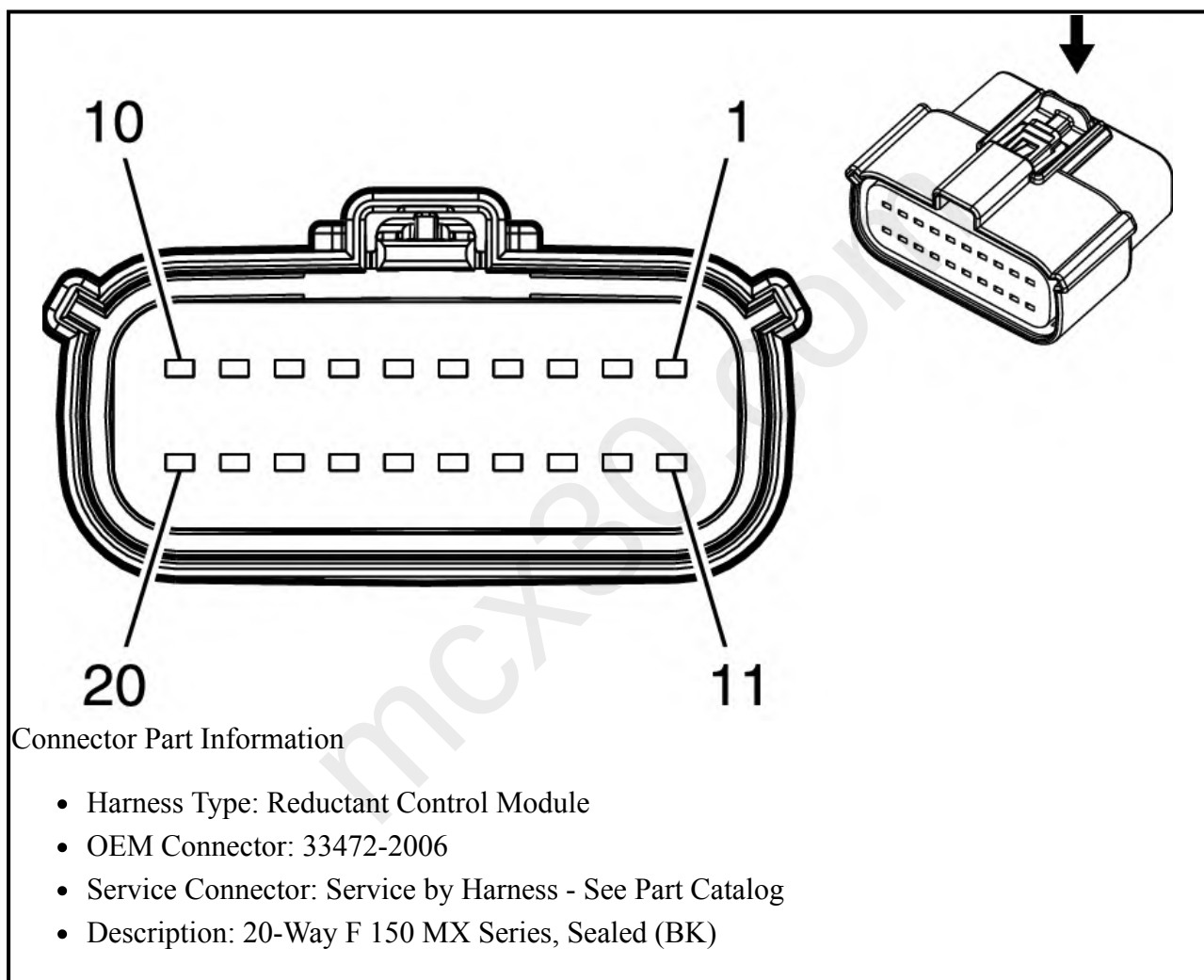


Terminal Part Information

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	RD/VT	542	Battery Positive Voltage	I	-
2	0.5	WH	4499	High Speed GMLAN Serial Data (-) 7	I	LH7+NDE
3	0.5	BU/BN	4498	High Speed GMLAN Serial Data (+) 7	I	LH7+NDE
4	2.5	BK	1950	Ground	I	-
5	0.35	VT/GN	4320	Selective Catalytic Reduction Power Module Wake-Up Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	3	BU	3921	DEF Heater Supply 1	I	NDE

K115 REDUCTANT CONTROL MODULE X2 (LH7)



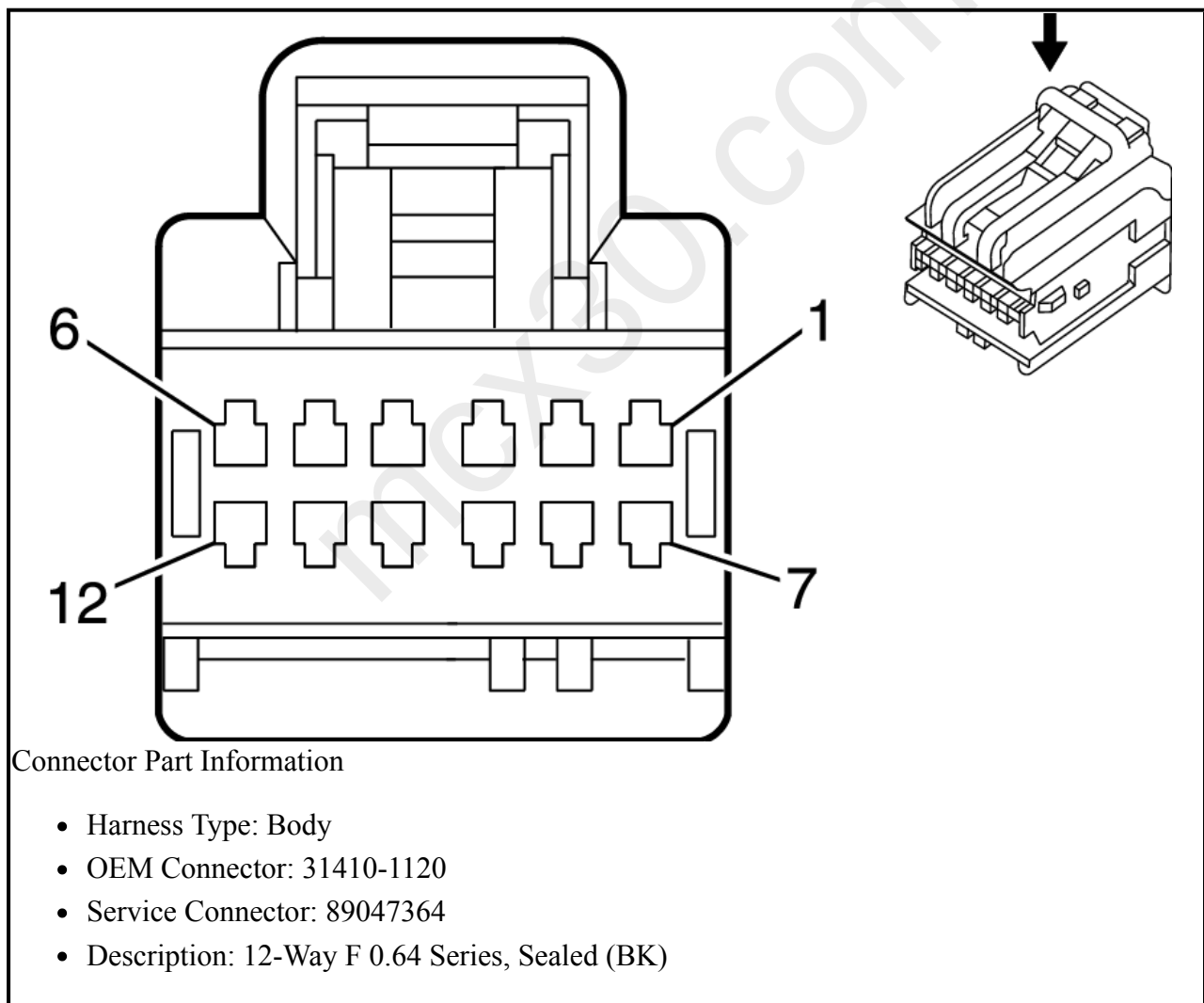
Terminal Part Information

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	1	BK	9015	Pump Phase C	I	-
2	1	YE/GY	9008	Pump Phase B	I	-
3	1	GY/WH	9007	Pump Phase A	I	-
4	1	BK/WH	9010	Tank Heater Ground	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	1	BK	9014	Pump Ground	I	-
6	0.5	BK	9032	Sensor Ground	I	-
7	1	GY/WH	9017	Line Heater Ground	I	-
8	-	-	-	Not Occupied	-	-
9	0.5	BK/WH	9001	Temperature Sensor Signal	I	-
10	0.5	BK	9002	Temperature Sensor Ground	I	-
11	1	GY/WH	9009	Tank Heater Supply	I	-
12	0.5	BK	9005	Pressure Sensor Supply	I	-
13	0.5	BK	9004	Pressure Sensor Signal	I	-
14	0.5	BK/WH	9003	Pressure Sensor Ground	I	-
15	0.5	BK	9012	Level Sensor Supply	I	-
16	0.5	BK	9013	Level Sensor Signal	I	-
17	1	BK/WH	9006	Level Sensor Ground	I	-
18	0.5	WH	9031	Sensor Signal	I	-
19	0.5	BK/WH	9030	Sensor Supply	I	-
20	1	BK/WH	9016	Line Heater Ground	I	-

K157 VIDEO PROCESSING CONTROL MODULE X1 (UVH)

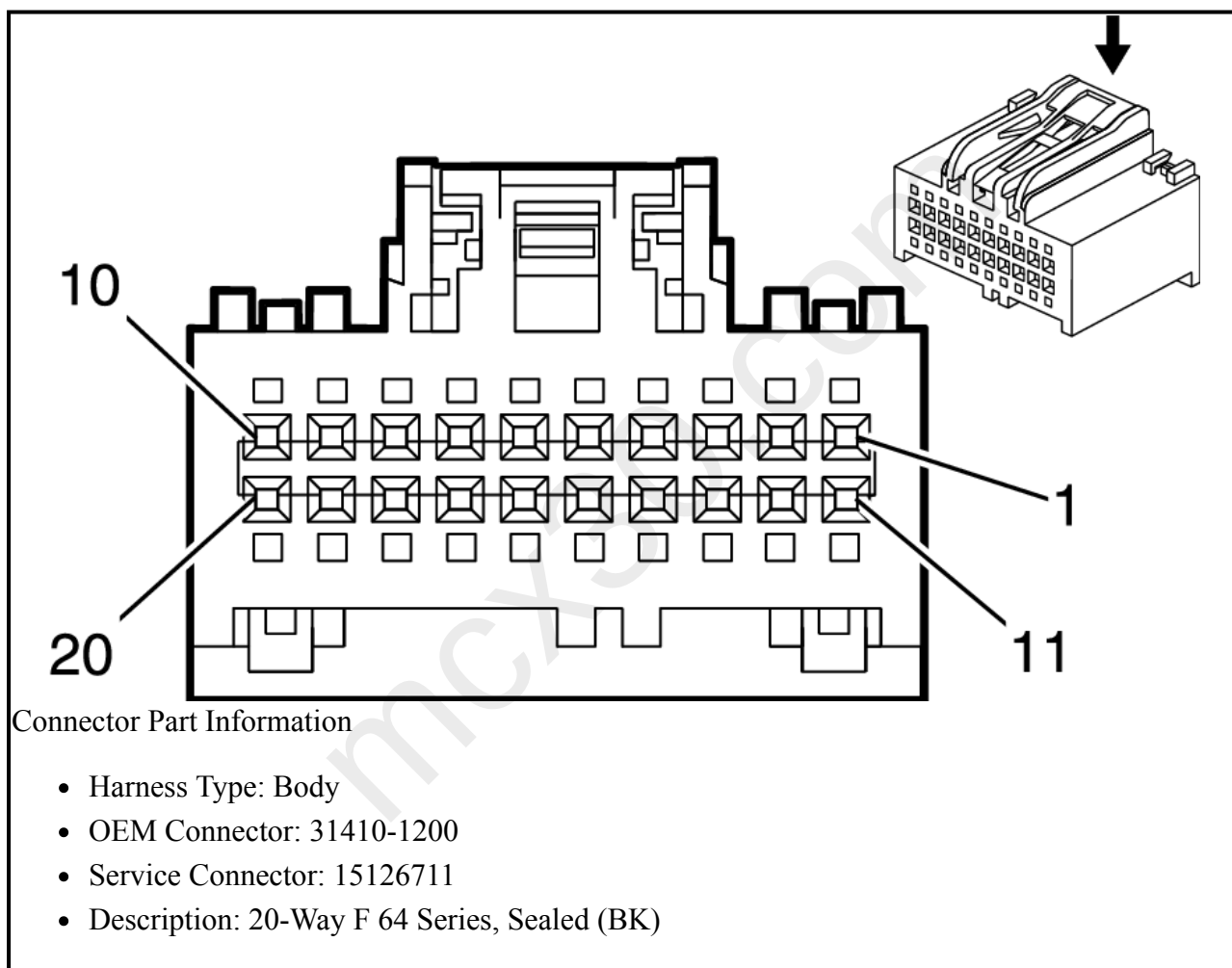


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	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	0.35	RD/GN	2440	Battery Positive Voltage	I	UVH
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	UVH
4 - 5	-	-	-	Not Occupied	-	-
6	0.35	GY/YE	6972	Camera Signal 2 +	I	UVH
7	0.35	BK	1950	Ground	I	UVH
8	0.35	BK	1950	Ground	I	UVH
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	BARE	6974	Camera Low Reference	I	UVH
12	0.35	WH/BU	6973	Camera Signal 2	I	UVH

K157 VIDEO PROCESSING CONTROL MODULE X2 (UVH)



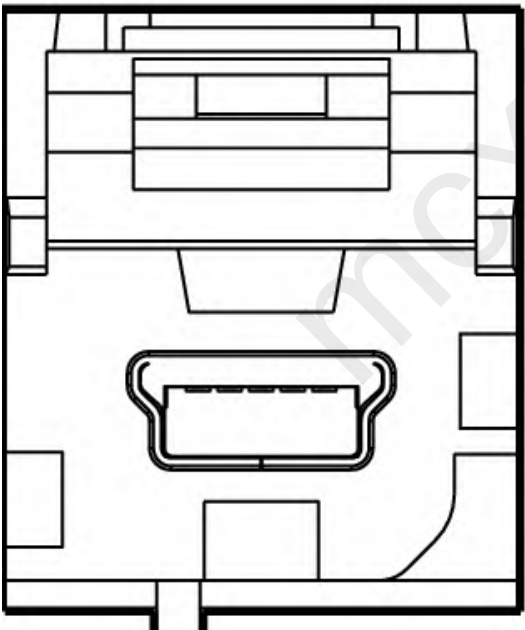
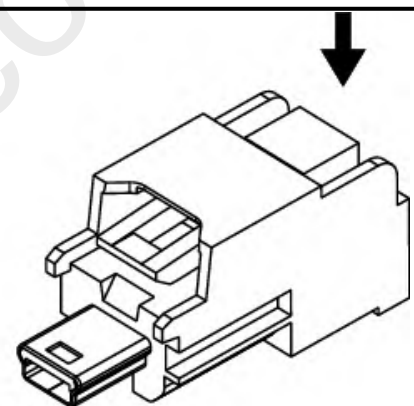
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	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	0.35	GY/YE	6972	Camera Signal 2 +	I	UVH
2	0.35	BK/WH	1351	Signal Ground	I	UVH
3	0.35	BK/YE	4670	Rear Camera Return	I	-
4	0.35	GY/YE	6972	Camera Signal 2 +	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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	-	-
11	0.35	WH/BU	6973	Camera Signal 2	I	UVH
12	0.35	GN/YE	6840	Auxiliary Device 2 Switched Voltage	I	UVH
13	0.35	VT/BN	4669	Rear Camera Control	I	-
14	0.35	WH/BU	6973	Camera Signal 2	I	-
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	-
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 X3 (UVH)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13584755
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

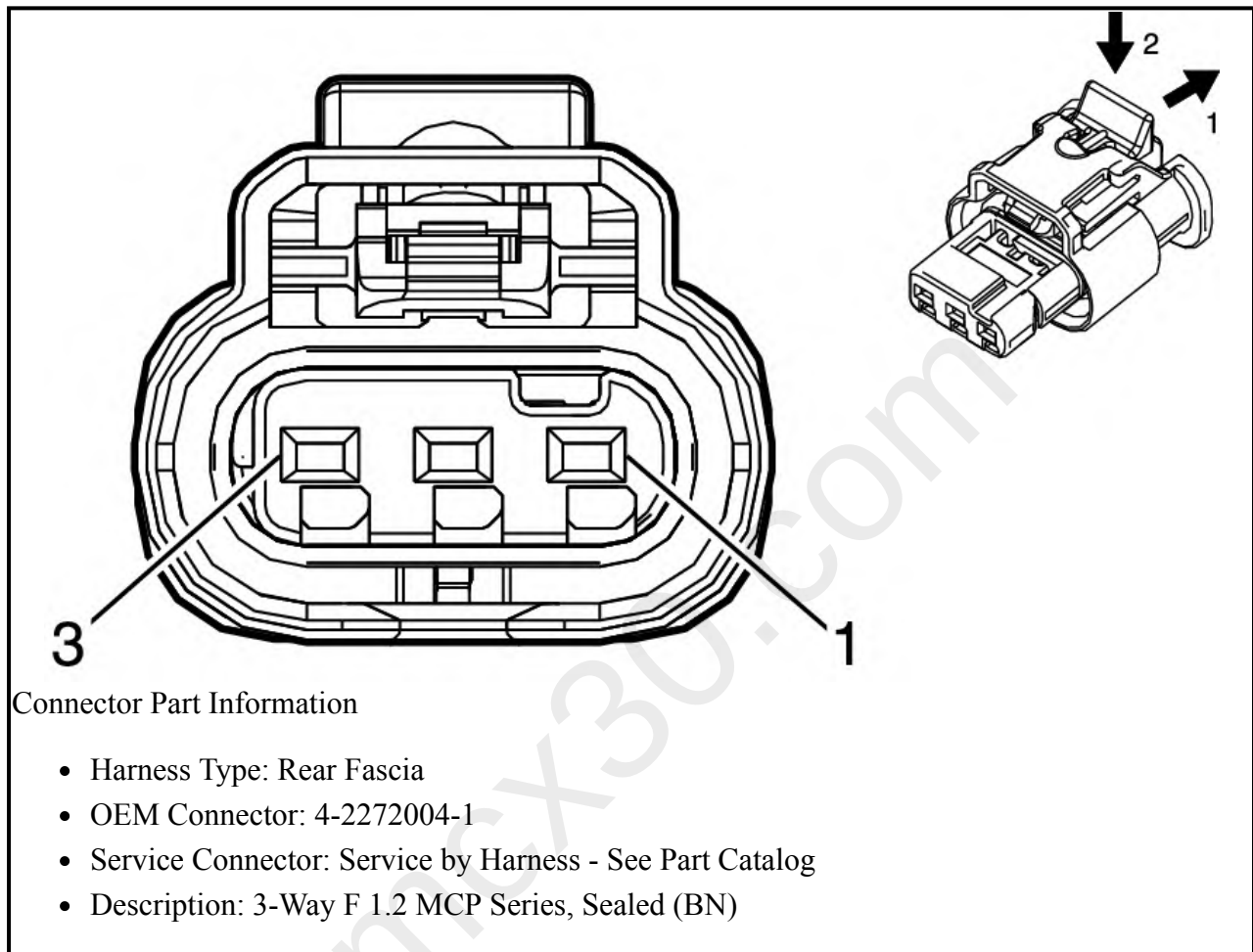
Terminal Part Information

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

K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X1 (TC2)



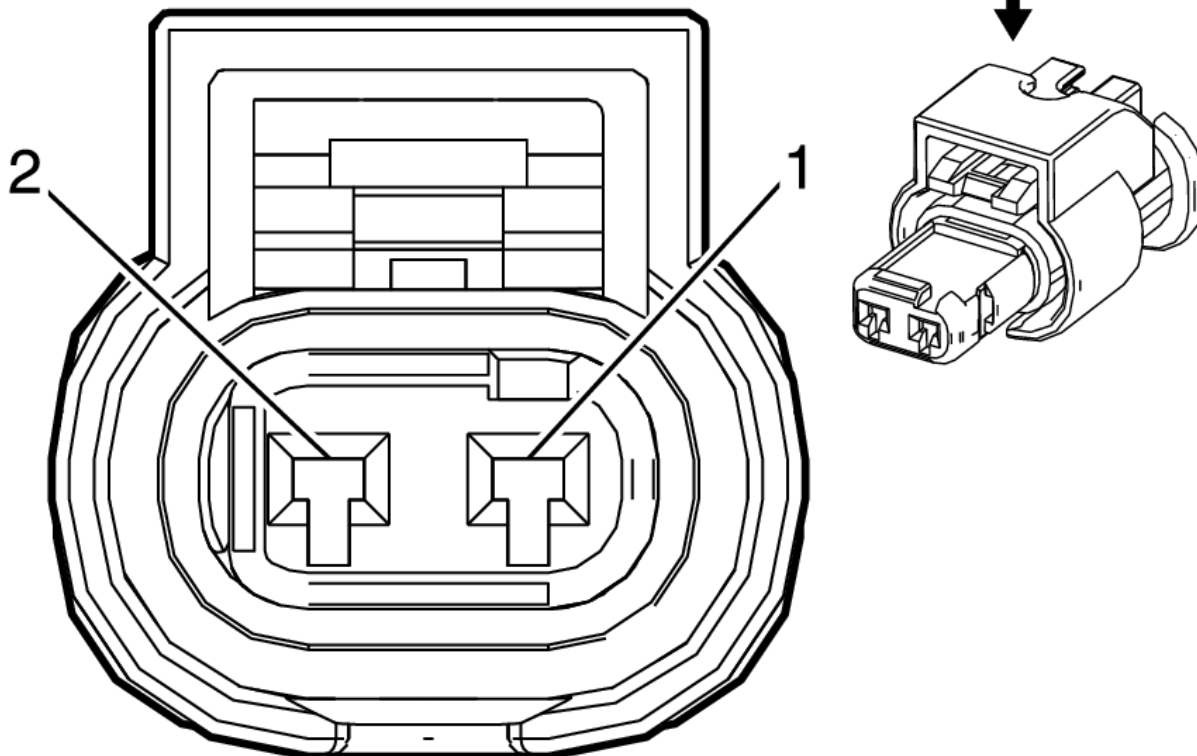
Terminal Part Information

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	GN/BN	4118	Local Interconnect Network Serial Data Bus 18	I	TC2
2	0.5	RD/GN	2440	Battery Positive Voltage	I	TC2
3	0.5	BK	2550	Ground	I	-

K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X2 (TC2)





Connector Part Information

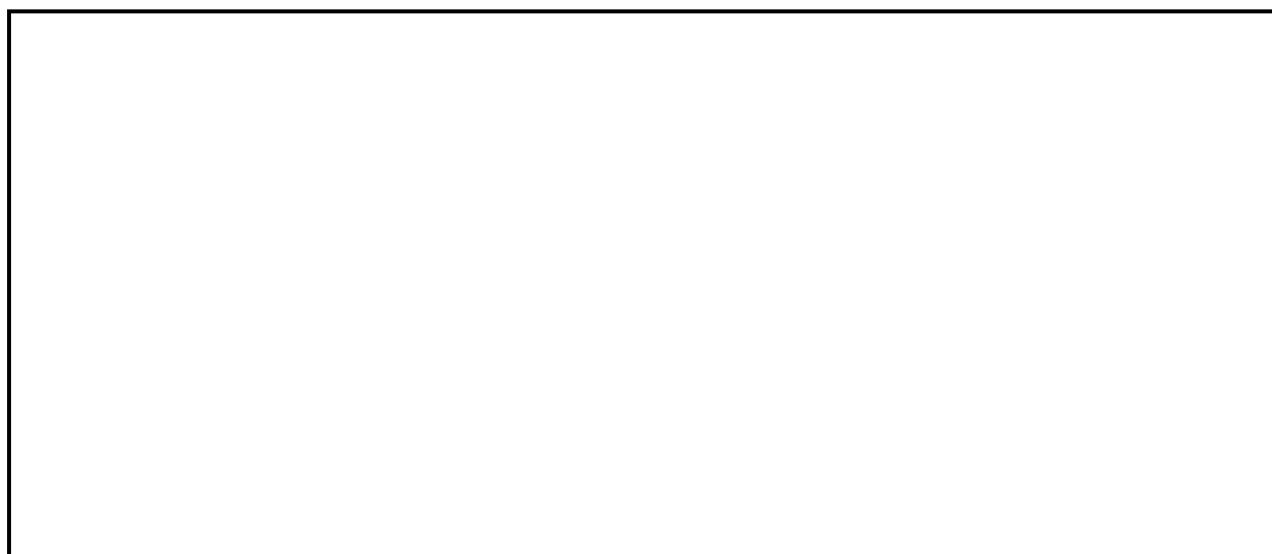
- Harness Type: Hands-Free Liftgate Sensor Control Module
- OEM Connector: 13586143
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

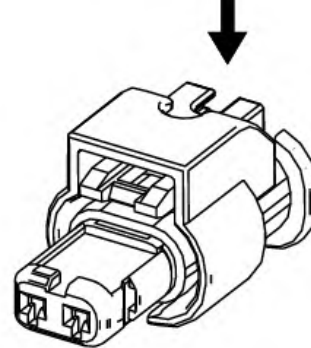
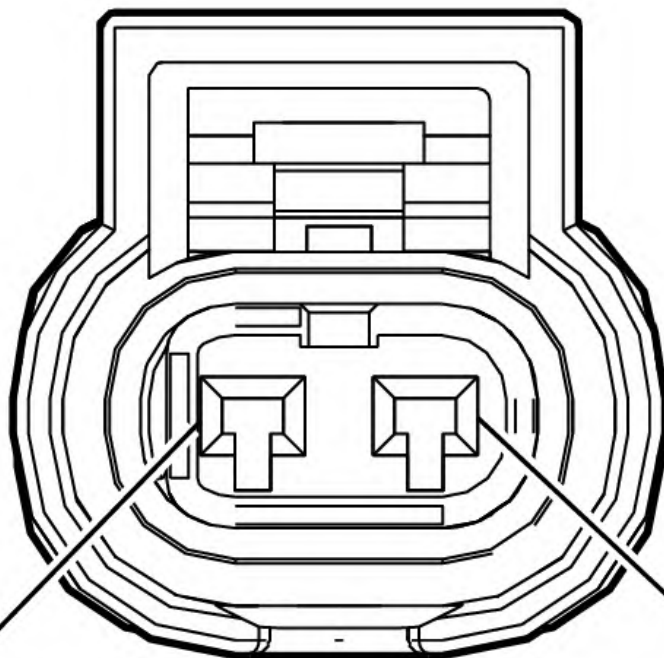
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	GN/BN	4898	Hands Free Closure Release Sensor Signal 1	I	TC2
2	0.5	RD/GN	4897	Hands Free Closure Release Sensor Low Reference 1	I	TC2

K171 HANDS-FREE LIFTGATE SENSOR CONTROL MODULE X3 (TC2)





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Connector Part Information

- Harness Type: Hands-Free Liftgate Sensor Control Module
- OEM Connector: 13586144
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

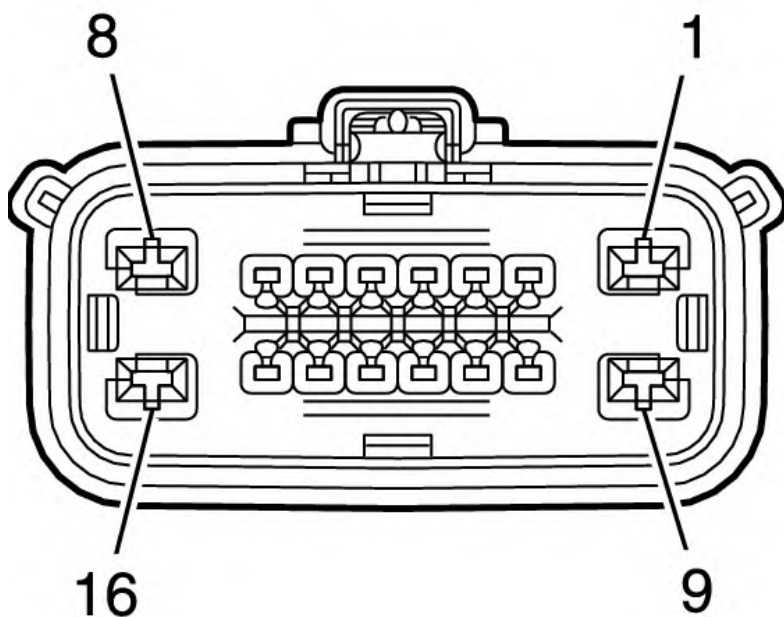
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	GN/BN	4900	Hands Free Closure Release Sensor Signal 2	I	TC2
2	0.5	RD/GN	4899	Hands Free Closure Release Sensor Low Reference 2	I	TC2

K173 TRANSMISSION RANGE CONTROL MODULE (LH7+EPH)





Connector Part Information

- Harness Type: Body
- OEM Connector: 13599854
- Service Connector: 19352906
- Description: 16-Way F 1.5, 2.8 Series, Sealed (BK)

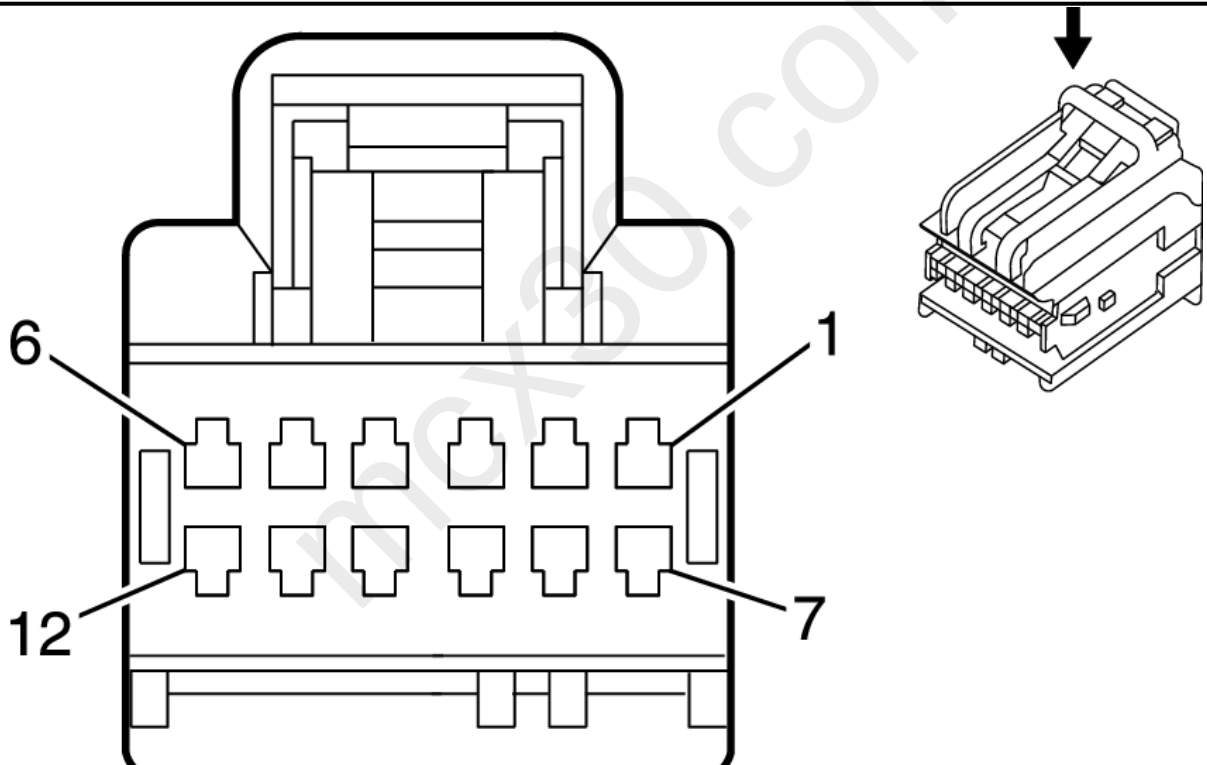
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13505803	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	13576377	J-35616-35 (VT)	J-38125-12A	1326030-8	Lear 17	A	4
III	13578813	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available
IV	19300432	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	0.35	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	MHG+EPH
2	0.35	VT/WH	239	Run/Crank Ignition 1 Voltage	III	MHG+EPH
3	0.35	VT/YE	5985	Accessory Wakeup Serial Data	III	MHG+EPH
4	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	IV	EPH+LH7
5	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	IV	EPH+LH7
6	0.35	WH	7494	High Speed GMLAN Serial Data (-) 3	IV	EPH+LH7
7	0.35	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	IV	EPH+LH7

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	1.5	BK	1450	Ground	II	MHG+EPH
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	IV	MHG+EPH
12	0.35 0.35	WH WH	2501 2501	High Speed GMLAN Serial Data (-) 1 High Speed GMLAN Serial Data (-) 1	IV IV	EPH+LH7+UEU/UHX EPH+LH7-UEU-UHX
13	0.35 0.35	BU BU	2500 2500	High Speed GMLAN Serial Data (+) 1 High Speed GMLAN Serial Data (+) 1	IV IV	EPH+LH7+UEU/UHX EPH+LH7-UEU-UHX
14	0.35	WH	7494	High Speed GMLAN Serial Data (-) 3	IV	EPH+LH7
15	0.35	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	IV	EPH+LH7
16	1.5	RD/GY	2140	Battery Positive Voltage	II	EPH+MHG

K182 PARKING ASSIST CONTROL MODULE X1 (UD5/UD7/UFQ)



Connector Part Information

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

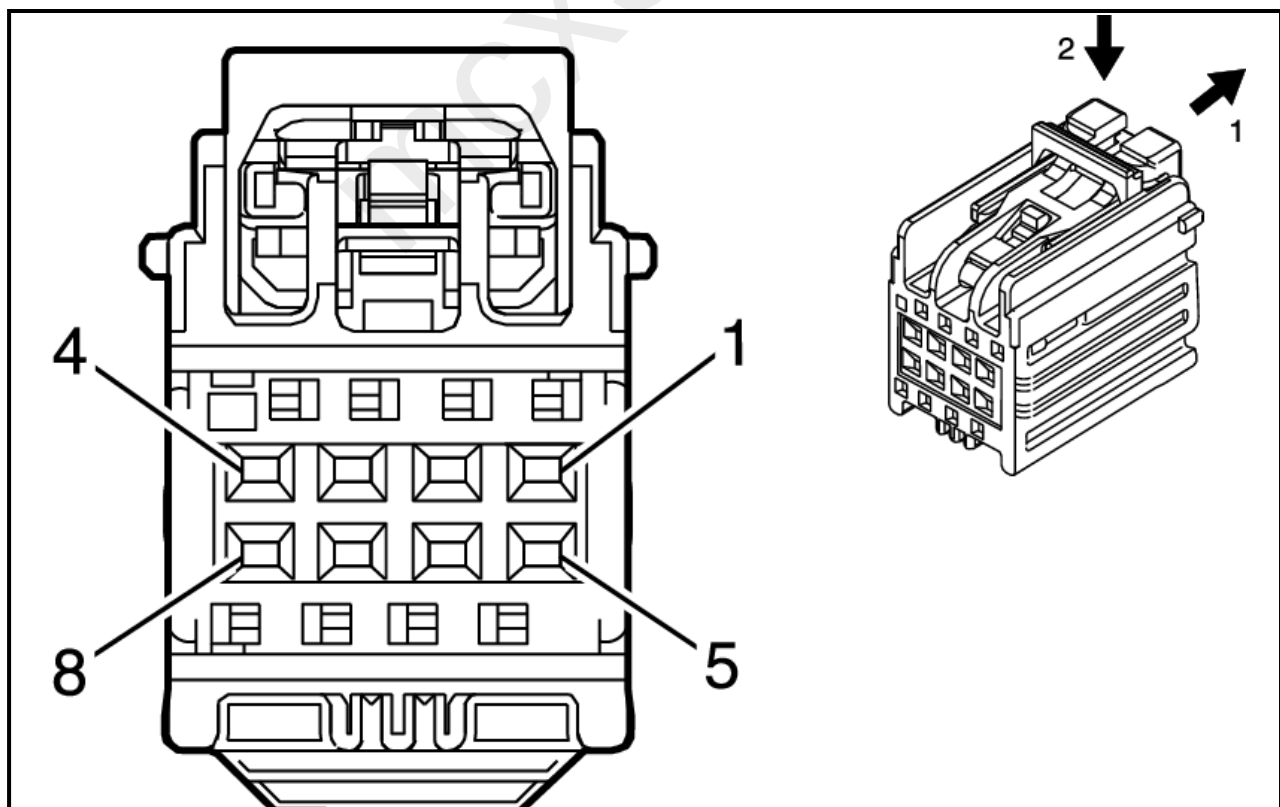
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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	0.35	RD/YE	5040	Battery Positive Voltage	I	UD7/UD5/UFQ
2	-	-	-	Not Occupied	-	-
3	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	UD5/UFQ
4	-	-	-	Not Occupied	-	-
5	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	-
6	0.35	BU/YE	6105	High Speed GMLAN Serial Data (+) 2	I	UFQ
7	0.35	BK	2350	Ground	I	UD5/UD7/UFQ
8	0.13	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	0.13	BU/BN	3161	Parallel Park Assist Disable Switch Signal	II	UFQ
11	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	UFQ
12	0.35	WH	6106	High Speed GMLAN Serial Data (-) 2	I	-

K182 PARKING ASSIST CONTROL MODULE X2 (UD5/UD7/UFQ)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13593893
- Service Connector: 19355209

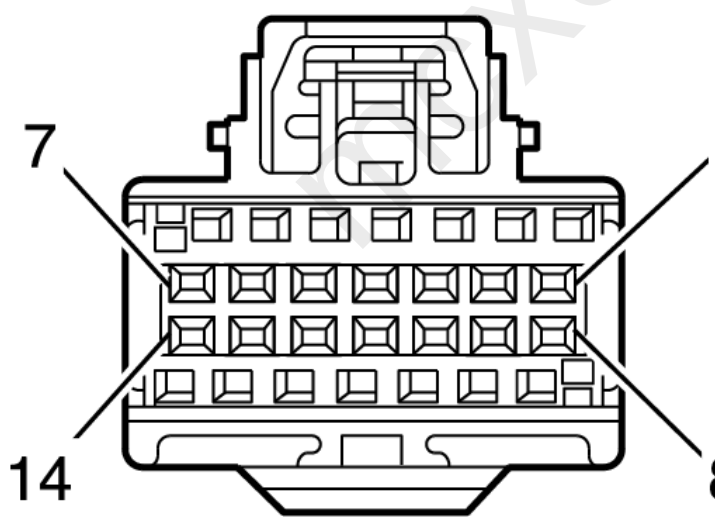
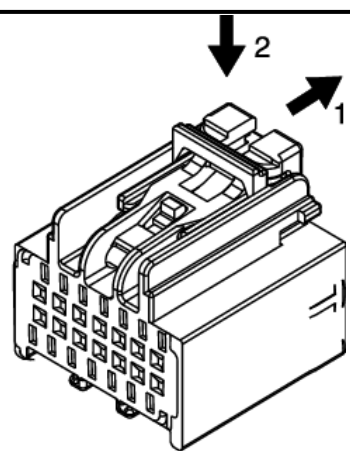
- Description: 8-Way F YESC Kaizen Series (GY)

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	YE	2375	Left Rear Corner Object Sensor Signal	I	UD5/UD7/UFQ
2	-	-	-	Not Occupied	-	-
3	0.35	YE/BU	2376	Left Rear Middle Object Sensor Signal	I	UD5/UD7/UFQ
4	0.35	BN/WH	2374	Object Sensor Control	I	UD5/UD7/UFQ
5	0.35	YE/VT	2378	Right Rear Corner Object Sensor Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	YE/WH	2377	Right Rear Middle Object Sensor Signal	I	UD5/UD7/UFQ
8	0.35	BK/GY	2379	Object Sensor Low Reference	I	UD5/UD7/UFQ

K182 PARKING ASSIST CONTROL MODULE X3 (UD5/UFQ)

Connector Part Information

- Harness Type: Body
- OEM Connector: 13593897
- Service Connector: 19354933
- Description: 14-Way F 0.64 Kaizen Series (BU)

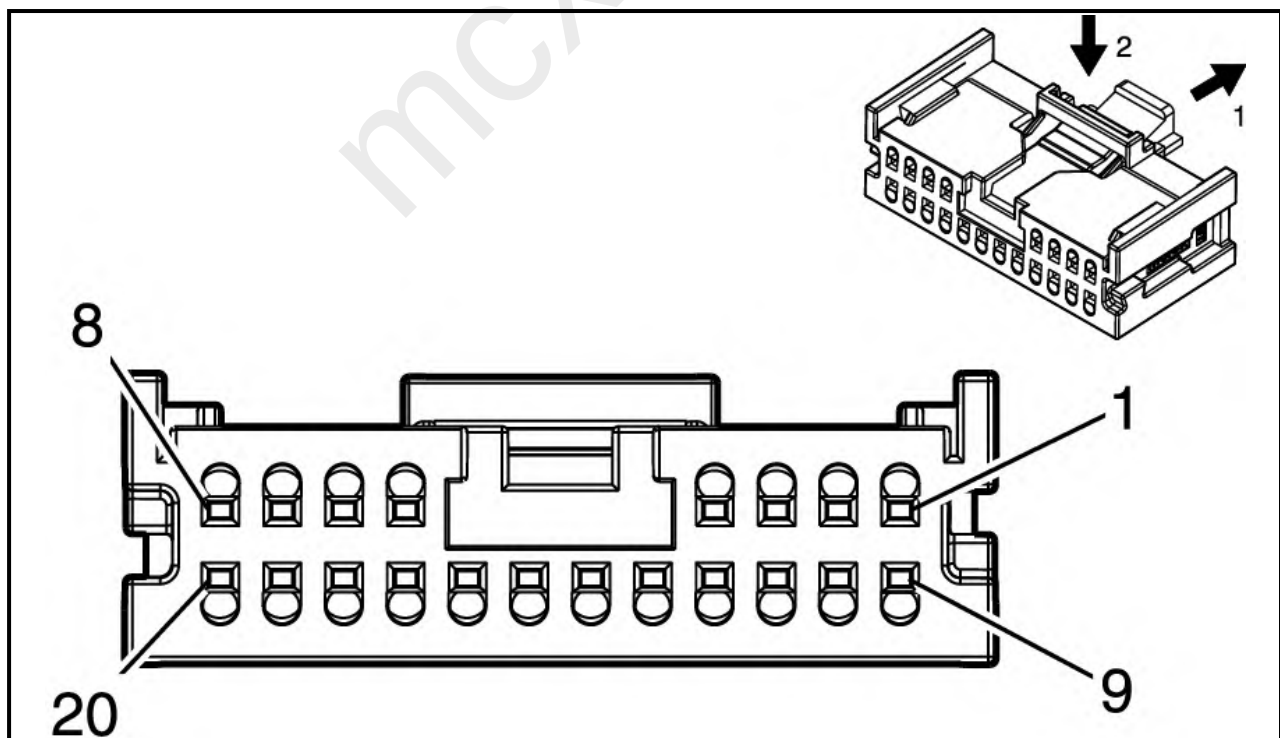
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	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	0.35	YE/VT	5213	Front Parking Left/Right/Mid Sensor	I	-
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	-
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	-	-
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	-
13 - 14	-	-	-	Not Occupied	-	-

K188 HUMAN MACHINE INTERFACE CONTROL MODULE BYPASS MODULE X1 (IO5/IO6+MAH/MBC)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13596105
- Service Connector: 13596105

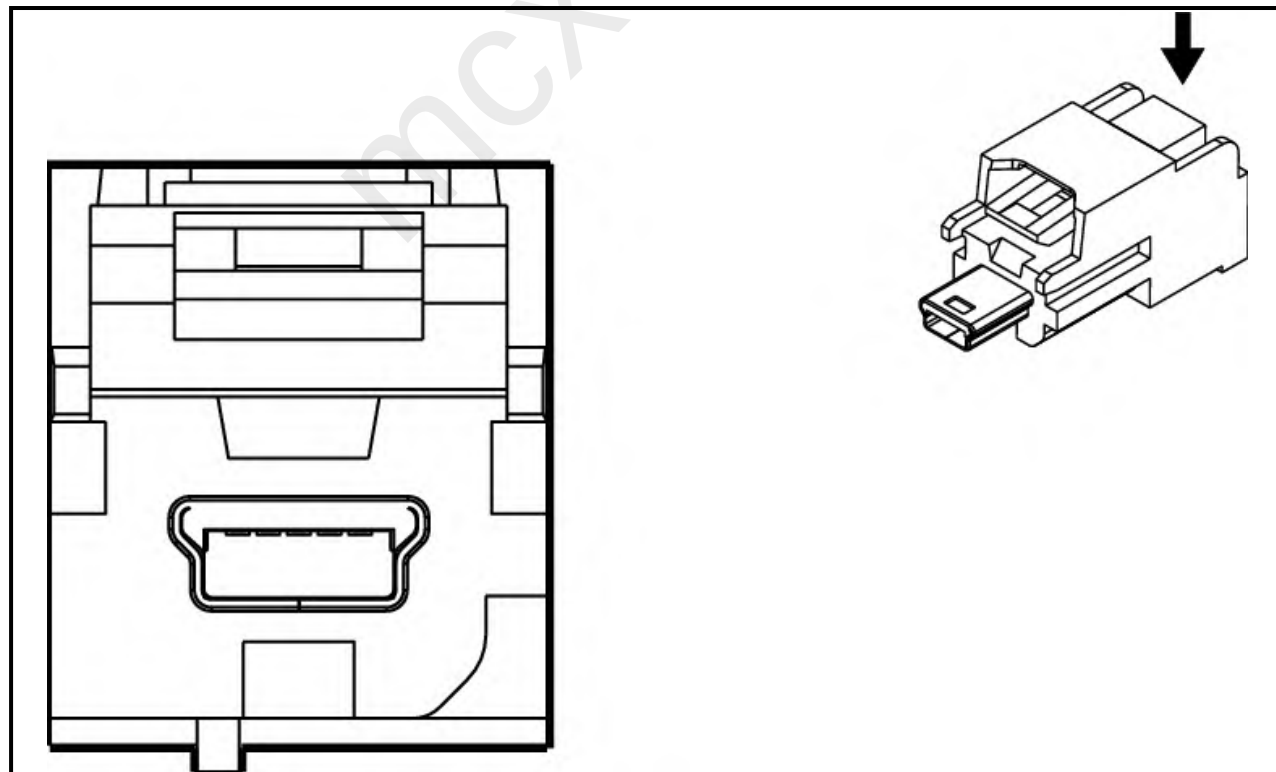
- Description: 20-Way F Mini 50 Series (BK)

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	RD/BU	2540	Battery Positive Voltage	I	IO5/IO6+MAH/MBC
2	0.35	GY/VT	755	RAP Relay Coil Control	I	IO5/IO6+MAH/MBC
3	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	IO5/IO6+MAH/MBC
4	-	-	-	Not Occupied	-	-
5	0.35	BK	1750	Ground	I	IO5/IO6+MAH/MBC
6	0.35	GY/YE	6972	Camera Signal 2 +	I	-
7	-	-	-	Not Occupied	-	-
8	0.35	GY/YE	6972	Camera Signal 2 +	I	IO5/IO6+MAH/MBC
9	0.35	GN/WH	1324	Backup Lamp Control	I	IO5/IO6+MAH/MBC
10 - 17	-	-	-	Not Occupied	-	-
18	0.35	WH/BU	6973	Camera Signal 2	I	-
19	0.35	BARE	6974	Camera Low Reference	I	IO5/IO6+MAH/MBC
20	0.35	WH/BU	6973	Camera Signal 2	I	IO5/IO6+MAH/MBC

K188 HUMAN MACHINE INTERFACE CONTROL MODULE BYPASS MODULE X2 (IO5/IO6+MAH/MBC)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 1-1438912-0
- Service Connector: Service by Cable Assembly - See Part Catalog

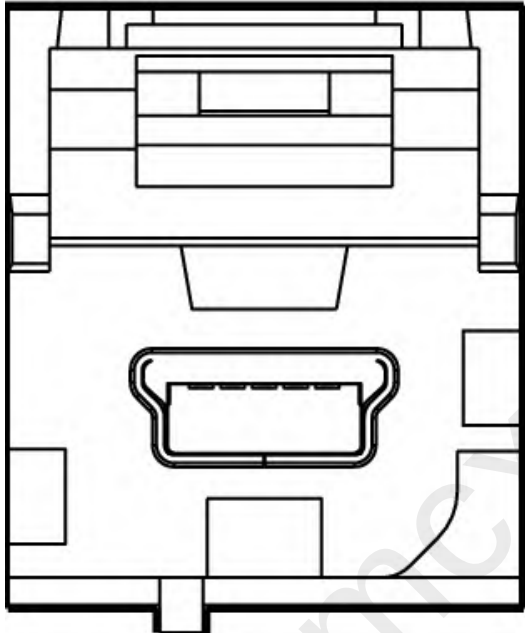
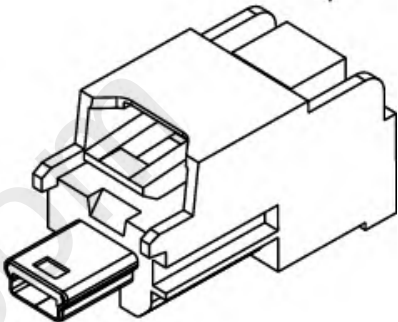
- Description: 5-Way M 2.0 Mini-B USB Type (BN)

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
-	-	LVDS	-	Navigation Display Signal	I	-

K188 HUMAN MACHINE INTERFACE CONTROL MODULE BYPASS MODULE X3 (IO5/IO6+MAH/MBC)

Connector Part Information

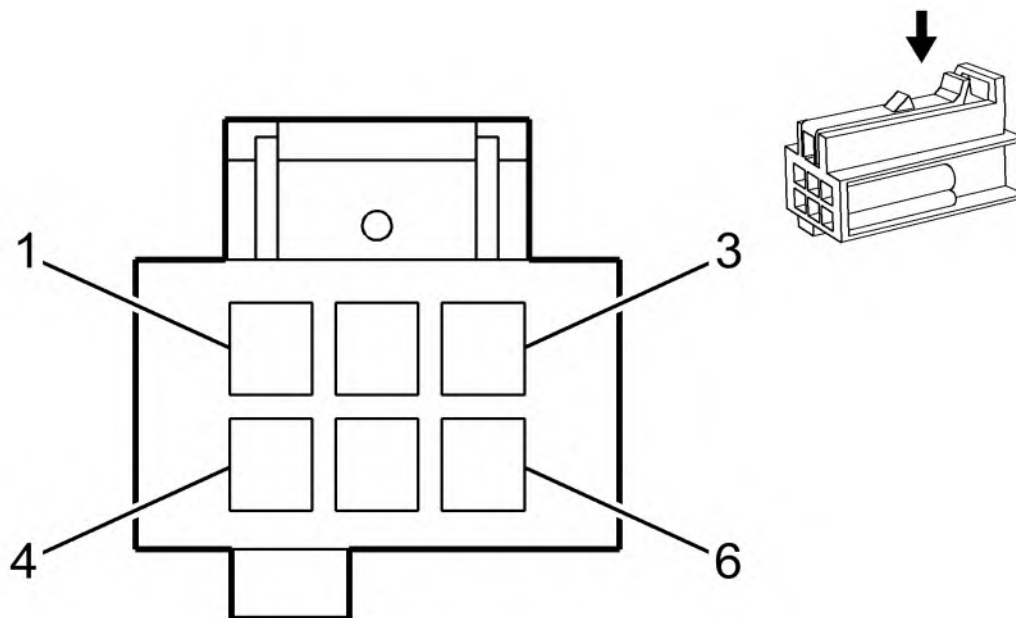
- Harness Type: Instrument Panel USB
- OEM Connector: 13584755
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

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	-

M6 AIR TEMPERATURE DOOR ACTUATOR (C67)



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

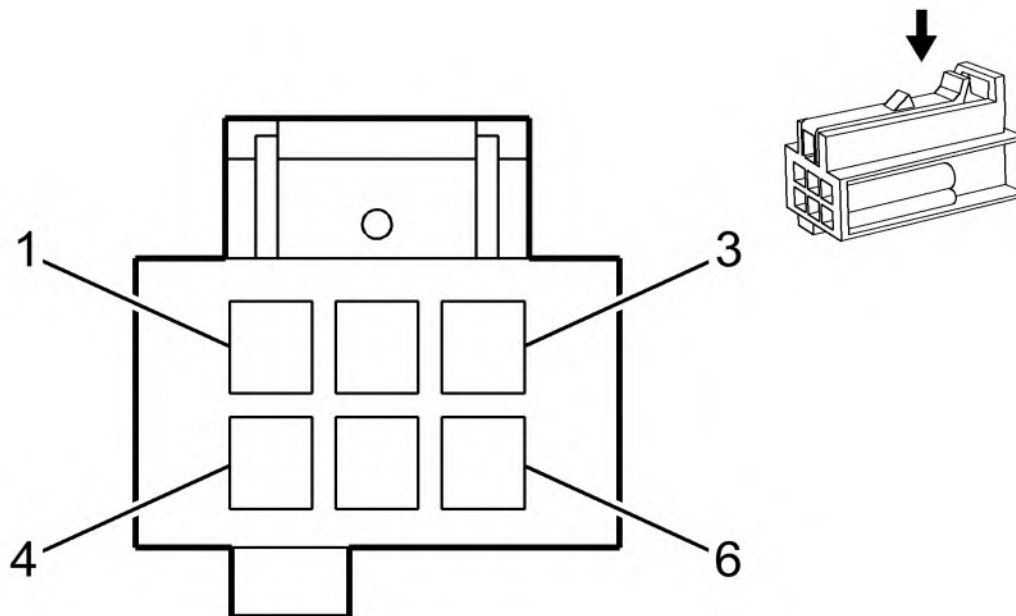
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	3169	Temp Door Stepper Motor Control 1	I	-
2	0.75	OG	7572	HVAC Motor Control	I	-
3	0.35	WH/PK	3170	Temp Door Stepper Motor Control 2	I	-
4	0.35	GY/RD	3171	Temp Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/BK	3172	Temp Door Stepper Motor Control 4	I	-

M6L AIR TEMPERATURE DOOR ACTUATOR - LEFT (CJ2/C4P)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

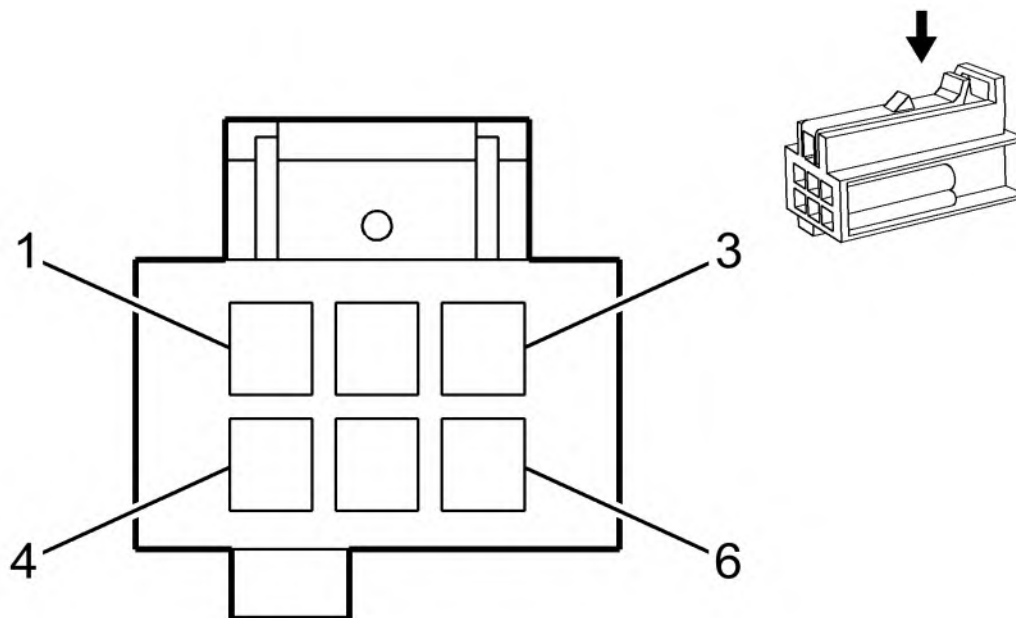
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	3169	Temp Door Stepper Motor Control 1	I	-
2	0.75	OG	7572	HVAC Motor Control	I	-
3	0.35	WH/PK	3170	Temp Door Stepper Motor Control 2	I	-
4	0.35	GY/RD	3171	Temp Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/BK	3172	Temp Door Stepper Motor Control 4	I	-

M6R AIR TEMPERATURE DOOR ACTUATOR - RIGHT (CJ2)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

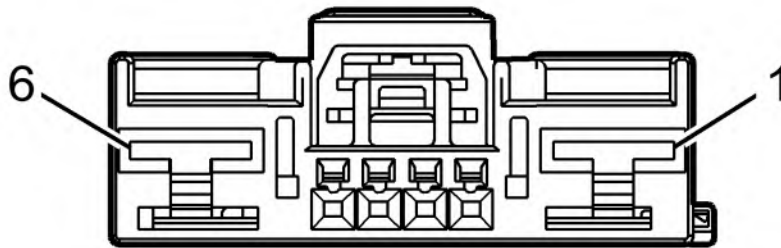
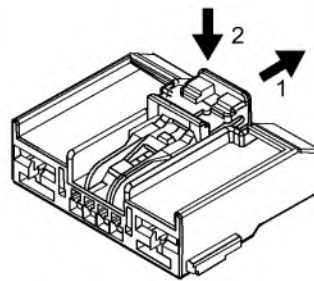
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	WH	3181	Temp Door Stepper Motor Passenger Control 1	I	-
2	0.75	OG	7572	HVAC Motor Control	I	-
3	0.35	VT/BU	3182	Temp Door Stepper Motor Passenger Control 2	I	-
4	0.35	GY/WH	3183	Temp Door Stepper Motor Passenger Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	YE/GN	3184	Temp Door Stepper Motor Passenger Control 4	I	-

M8 BLOWER MOTOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 7289-7139-30
- Service Connector: 19356432
- Description: 6-Way F 0.64, 6.3 Series (BK)

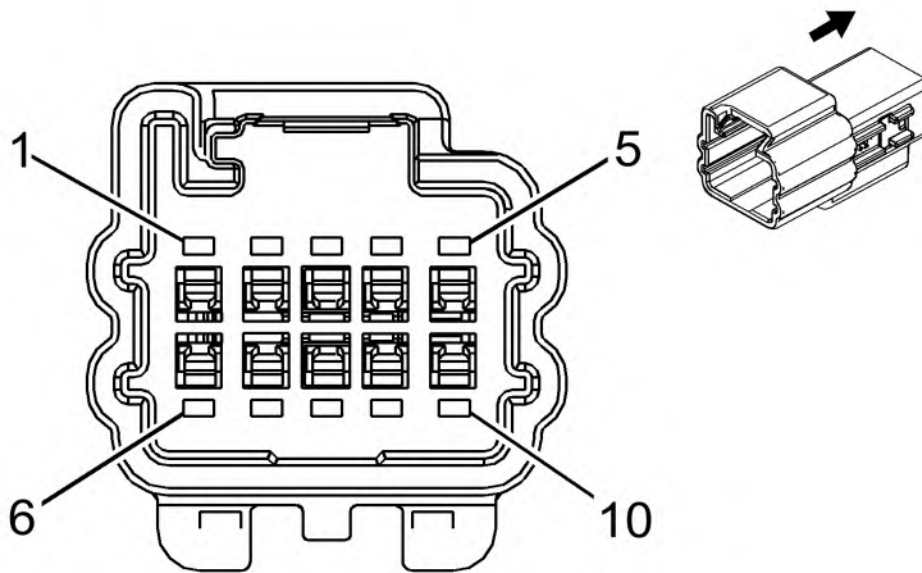
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-42 (RD)	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	4	RD/BU	840	Battery Positive Voltage	I	-
2	0.35	BU/GY	754	Blower Motor Speed Control	II	-
3 - 5	-	-	-	Not Occupied	-	-
6	4	BK	1750	Ground	I	-

M17 LIFTGATE MOTOR ASSEMBLY (TB5/TC2)





Connector Part Information

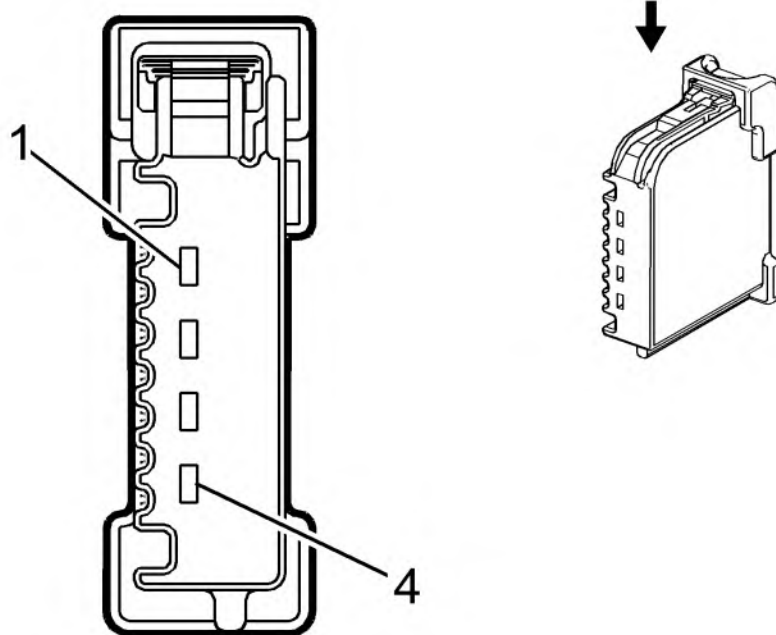
- Harness Type: Body
- OEM Connector: 13595576
- Service Connector: 13595576
- Description: 10-Way M 1.2 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19333325	J-35616-17 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19352074	J-35616-17 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
III	19355426	J-35616-17 (LT GN)	J-38125-12A	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	WH	5798	Lift Gate Open/Close Motor Open Control	III	TB5/TC2
2	0.5	BN/RD	5803	Lift Gate Position Sensor 5V Reference	II	TB5/TC2
3	0.35	BK/GN	5804	Lift Gate Position Sensor Low Reference	I	TB5/TC2
4	0.35	BU/WH	5805	Lift Gate Position Sensor Signal 1	I	TB5/TC2
5	1.5	BN/WH	5799	Lift Gate Open/Close Motor Close Control	III	TB5/TC2
6	-	-	-	Not Occupied	-	-
7	0.35	BN/YE	5806	Lift Gate Position Sensor Signal 2	I	TB5/TC2
8 - 10	-	-	-	Not Occupied	-	-

M30 LIFTGATE LATCH (TB4)



Connector Part Information

- Harness Type: Liftgate
- OEM Connector: 19115646
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5 Series (BK)

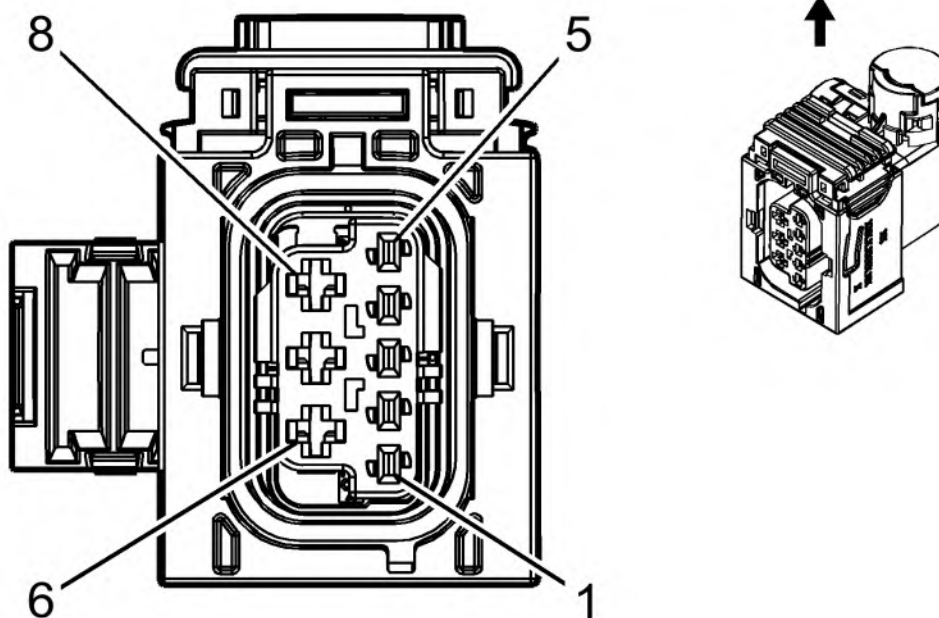
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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	2550	Ground	I	TB4
2	0.35	VT/GY	1303	Lift Gate Ajar Switch Signal 1	I	TB4
3	0.35	BU/WH	6128	Rear Closure Unlatch Motor Unlatch Control	I	TB4
4	-	-	-	Not Occupied	-	-

M32 DIFFERENTIAL CLUTCH PUMP (F48)

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Connector Part Information

- Harness Type: Rear Differential
- OEM Connector: 13719694
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 ATS, 1.5 CTS Series, Sealed

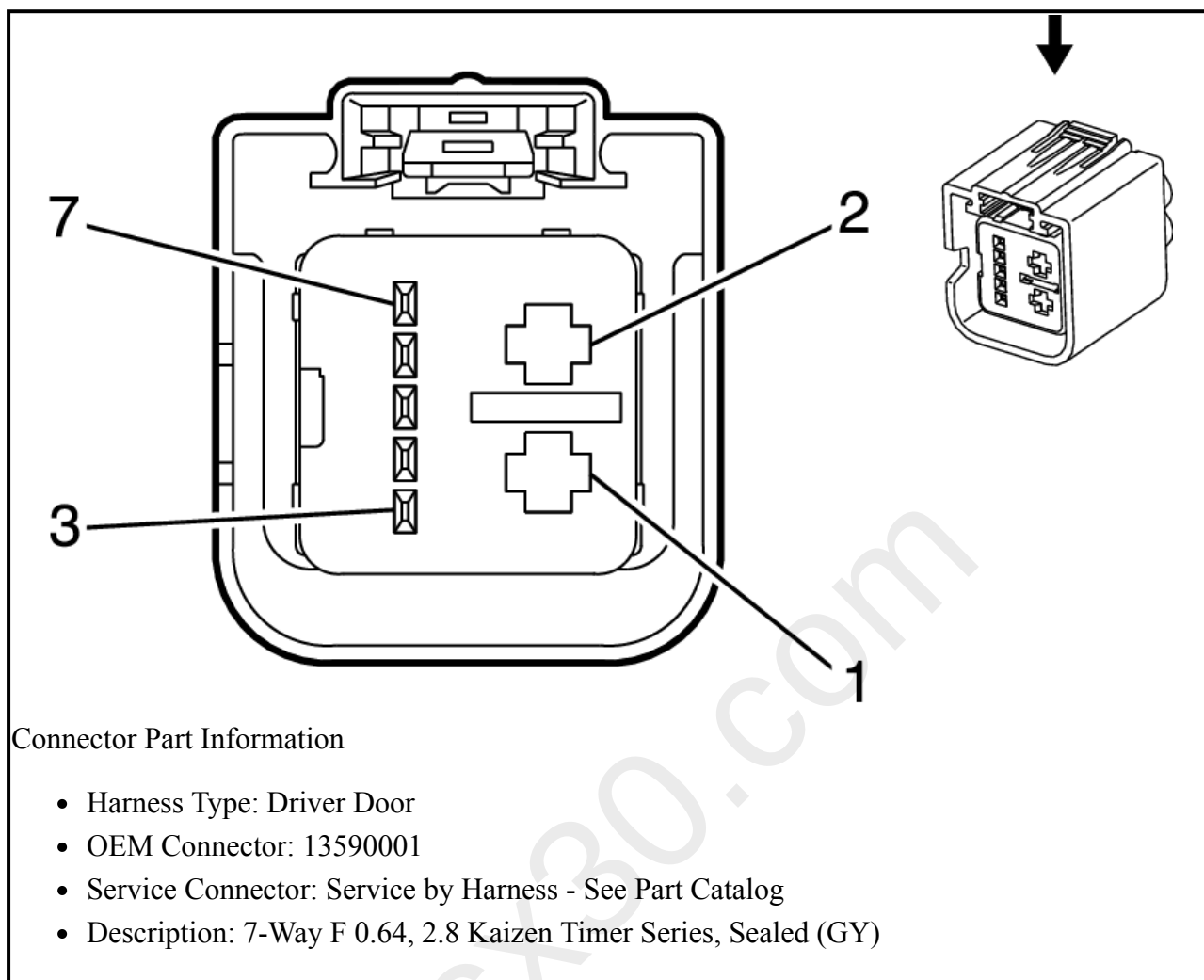
Terminal Part Information

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	0.5	VT/WH	908	Differential Clutch Pump Motor Hall-Effect Sensor Supply Voltage	I	-
2	0.5	BU/OG	906	Differential Clutch Pump Motor Hall-Effect Sensor Signal 2	I	-
3	0.5	BU	907	Differential Clutch Pump Motor Hall-Effect Sensor Signal 3	I	-
4	0.5	BU/WH	905	Differential Clutch Pump Motor Hall-Effect Sensor Signal 1	I	-
5	0.5 2.5	VT BK	904 2550	Differential Clutch Pump Motor Hall-Effect Sensor Low Reference Ground	I	- -
6	2.5	RD/WH	903	Differential Clutch Pump Motor U-Phase	I	-
7	2.5	RD	901	Differential Clutch Pump Motor W-Phase	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	2.5	RD/BK	902	Differential Clutch Pump Motor V-Phase	I	-

M35D WINDOW MOTOR MODULE - DRIVER



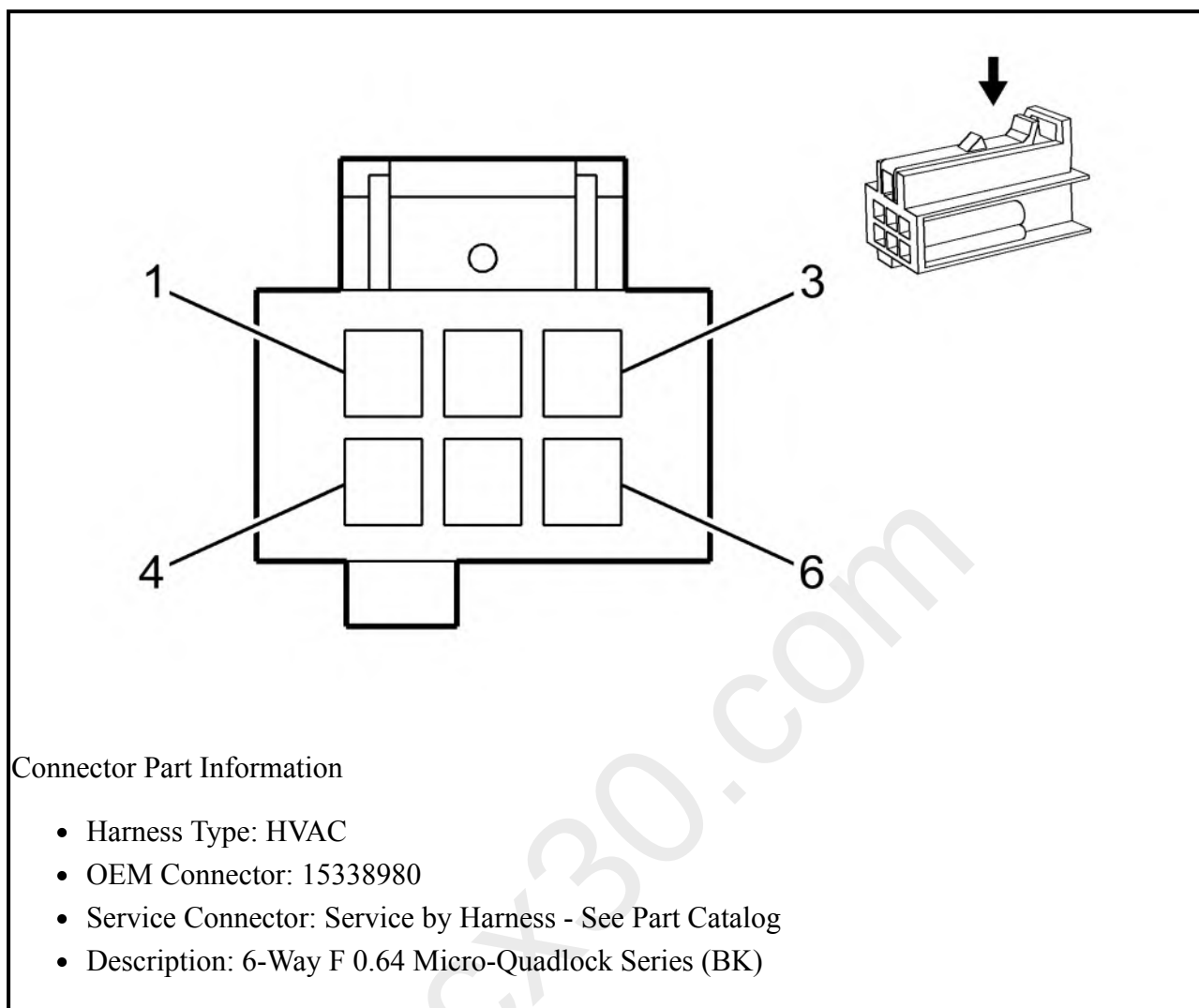
Terminal Part Information

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	2.5	BK	1550	Ground	I	AXG
2	2.5	RD/BN	3640	Battery Positive Voltage	I	AXG
3	0.35	GN/WH	3379	Power Window Switch Driver Up Signal	II	AXG
4	0.35	GN/YE	6134	Local Interconnect Network Serial Data Bus 3	II	AXG
5	0.35	GN	3381	Power Window Switch Driver Express Signal	II	AXG
6	0.35	GY	745	Left Front Door Ajar Switch Signal	II	AXG

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	0.35	GY	3380	Power Window Switch Driver Down Signal	II	AXG

M37 MODE DOOR ACTUATOR



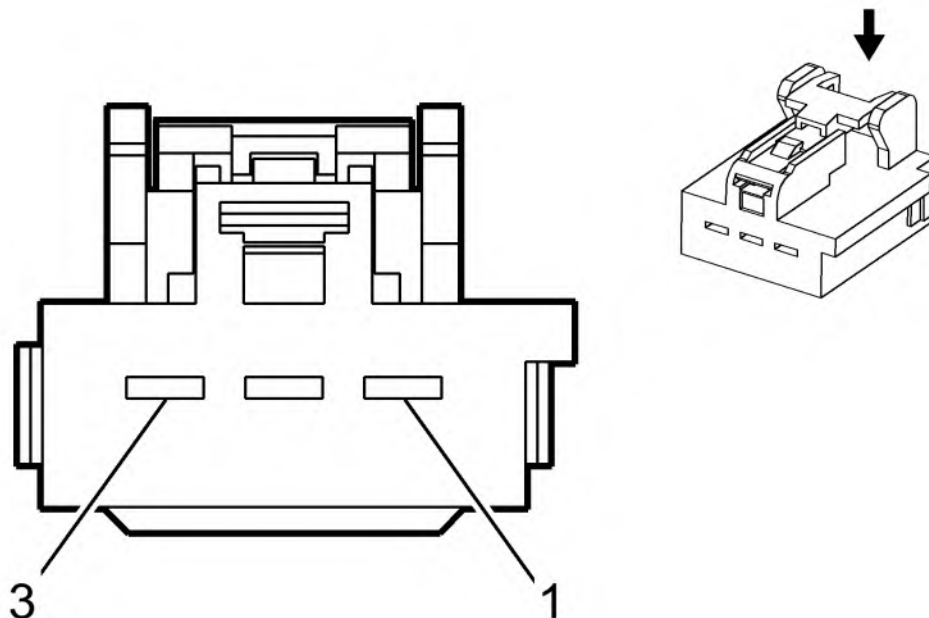
Terminal Part Information

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	YE	3165	Mode Door Stepper Motor Control 1	I	-
2	0.75	OG	7572	HVAC Motor Control	I	-
3	0.35	WH/RD	3166	Mode Door Stepper Motor Control 2	I	-
4	0.35	GY/BN	3167	Mode Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/WH	3168	Mode Door Stepper Motor Control 4	I	-

M45 REAR WIPER MOTOR

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Connector Part Information

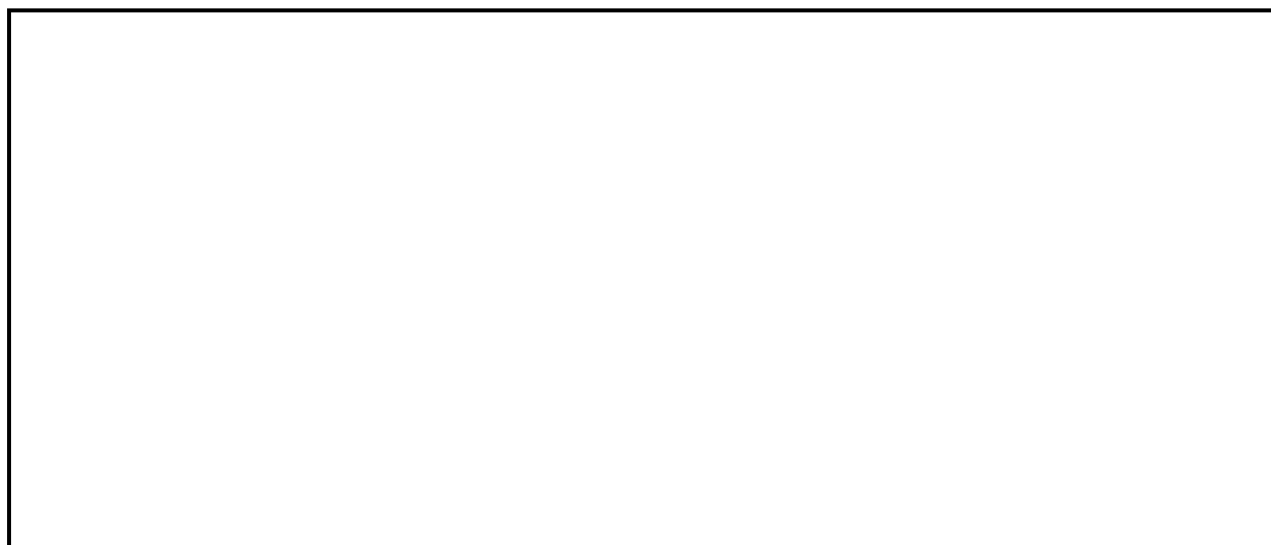
- Harness Type: Liftgate
- OEM Connector: 13581043
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 Series (GY)

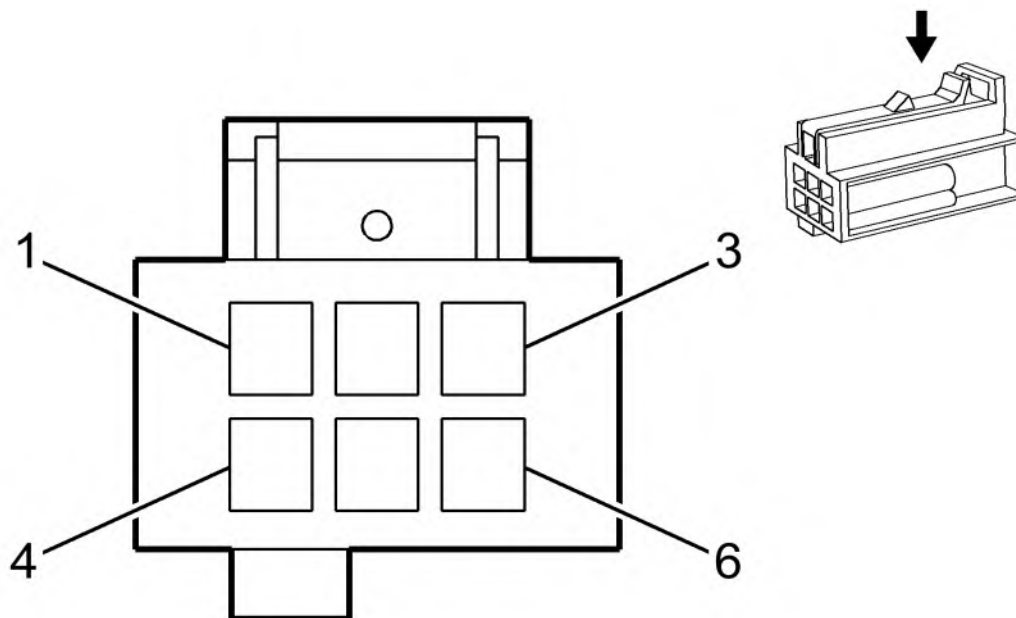
Terminal Part Information

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	BU	393	Rear Window Wiper Motor Control	I	-
2	1	BK	2550	Ground	I	-
3	1	RD/BN	1742	Battery Positive Voltage	I	-

M46 AIR RECIRCULATION DOOR ACTUATOR





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 15338980
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

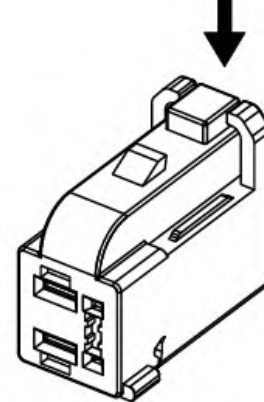
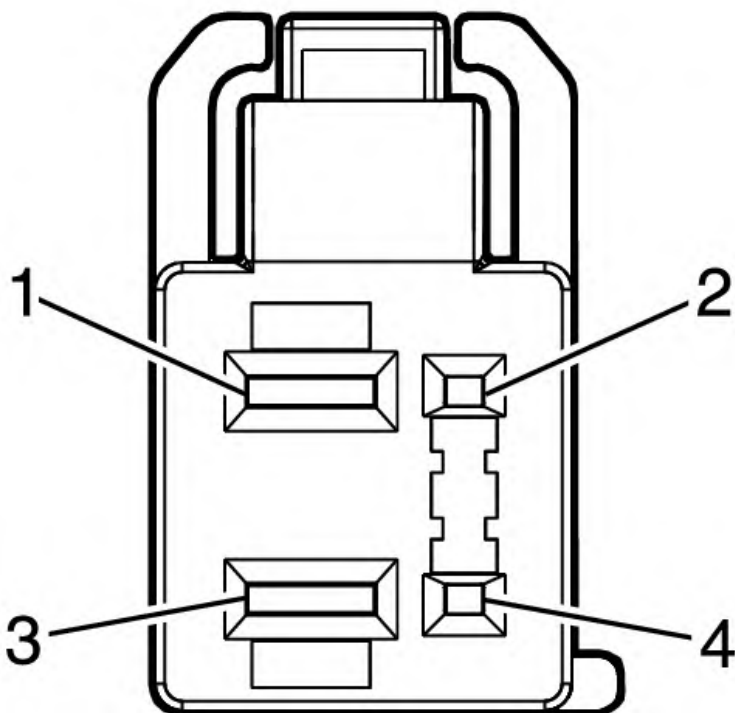
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	GY	3173	Air Inlet Door Stepper Motor Control 1	I	-
2	0.75	OG	7572	HVAC Motor Control	I	-
3	0.35	BU/WH	3174	Air Inlet Door Stepper Motor Control 2	I	-
4	0.35	BN/GN	3175	Air Inlet Door Stepper Motor Control 3	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	RD/GN	3176	Air Inlet Door Stepper Motor Control 4	I	-

M50D SEAT FRONT VERTICAL MOTOR - DRIVER (A45/AG1)





Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

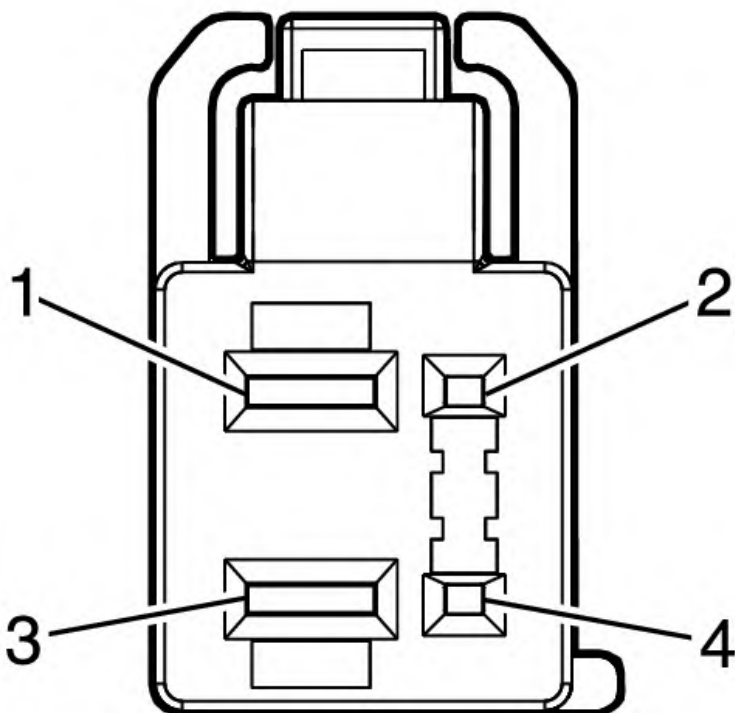
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	1.5	BU/VT	287	Driver Power Seat Front Vertical Motor Down Control	I	AG1-A45-A74
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	II	-
3	1.5	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	AG1-A45-A74
4	0.35	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	II	-

M50P SEAT FRONT VERTICAL MOTOR - PASSENGER (ADT/AG2)





Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

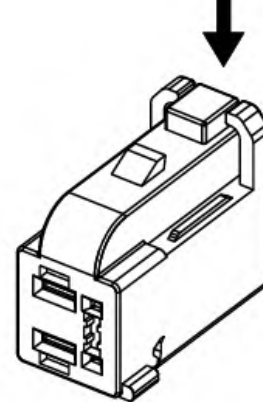
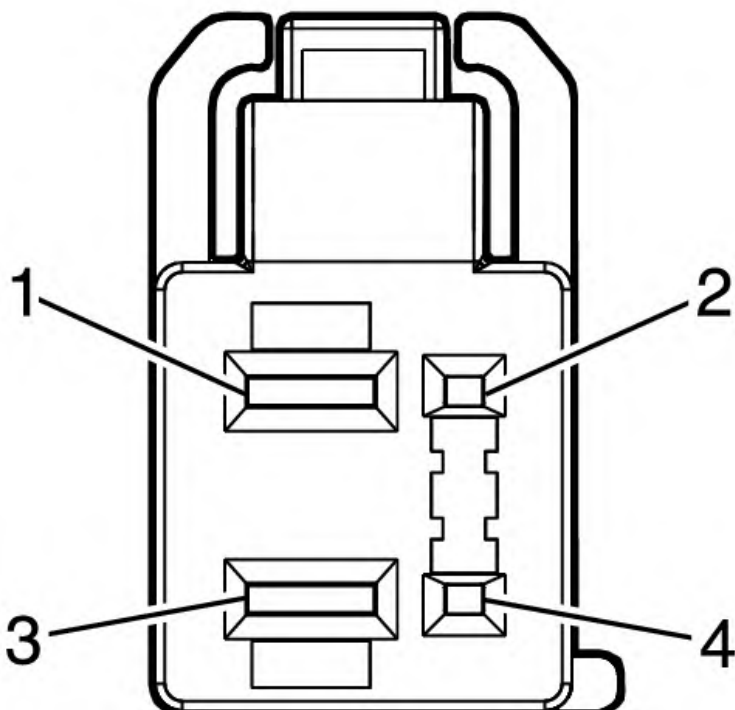
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	1.5	GN/VT	297	Passenger Power Seat Front Vertical Motor Up Control	I	-
2	-	-	-	Not Occupied	-	-
3	1.5	GN/BU	298	Passenger Power Seat Front Vertical Motor Down Control	I	-
4	-	-	-	Not Occupied	-	-

M51D SEAT HORIZONTAL MOTOR - DRIVER (A45/AG1)





Connector Part Information

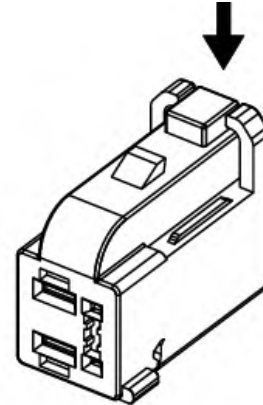
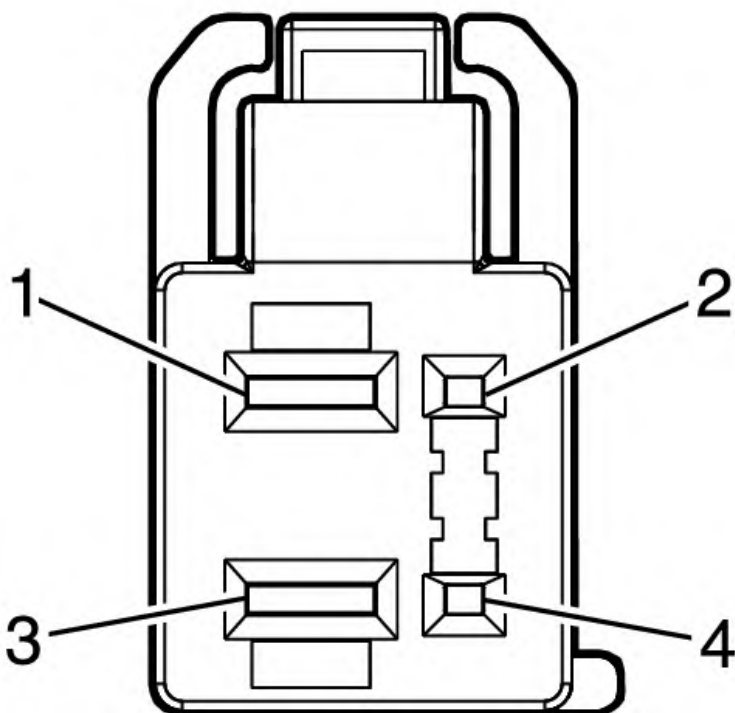
- Harness Type: Driver Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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 1.5	GY/GN GY/GN	284 284	Driver Power Seat Horizontal Motor Rearward Control Driver Power Seat Horizontal Motor Rearward Control	I I	A45/A74 AG1-A45-A74
2	0.35	GN	569	Memory Seat Horizontal Motor Position Sensor Signal	II	-
3	2 1.5	YE/BU YE/BU	285 285	Driver Power Seat Horizontal Motor Forward Control Driver Power Seat Horizontal Motor Forward Control	I I	A45/A74 AG1-A45-A74
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	II	-

M51P SEAT HORIZONTAL MOTOR - PASSENGER (ADT/AG2)



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

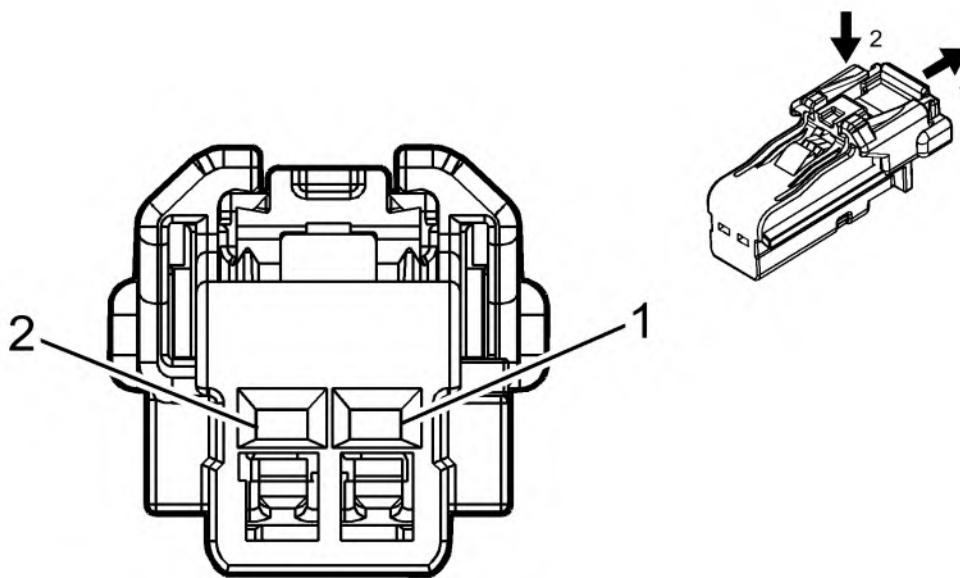
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	1.5	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
2	-	-	-	Not Occupied	-	-
3	1.5	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
4	-	-	-	Not Occupied	-	-

M53D SEAT LUMBAR SUPPORT MOTOR - DRIVER (AL9+X88)





Connector Part Information

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

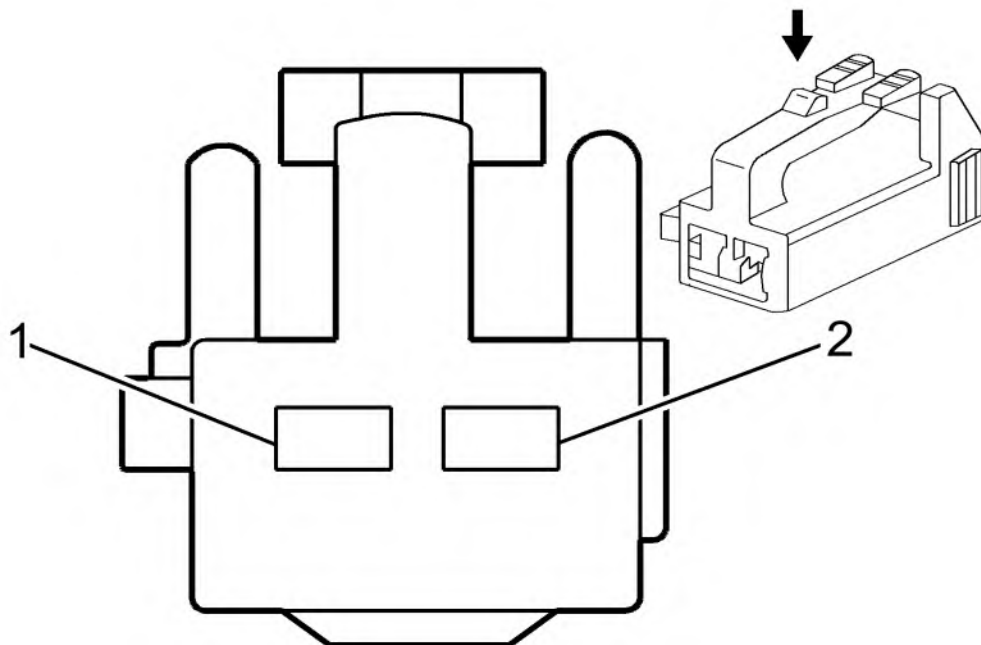
Terminal Part Information

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	0.35	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-
2	0.35	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-

M53D SEAT LUMBAR SUPPORT MOTOR - DRIVER (AL9+Z88)





Connector Part Information

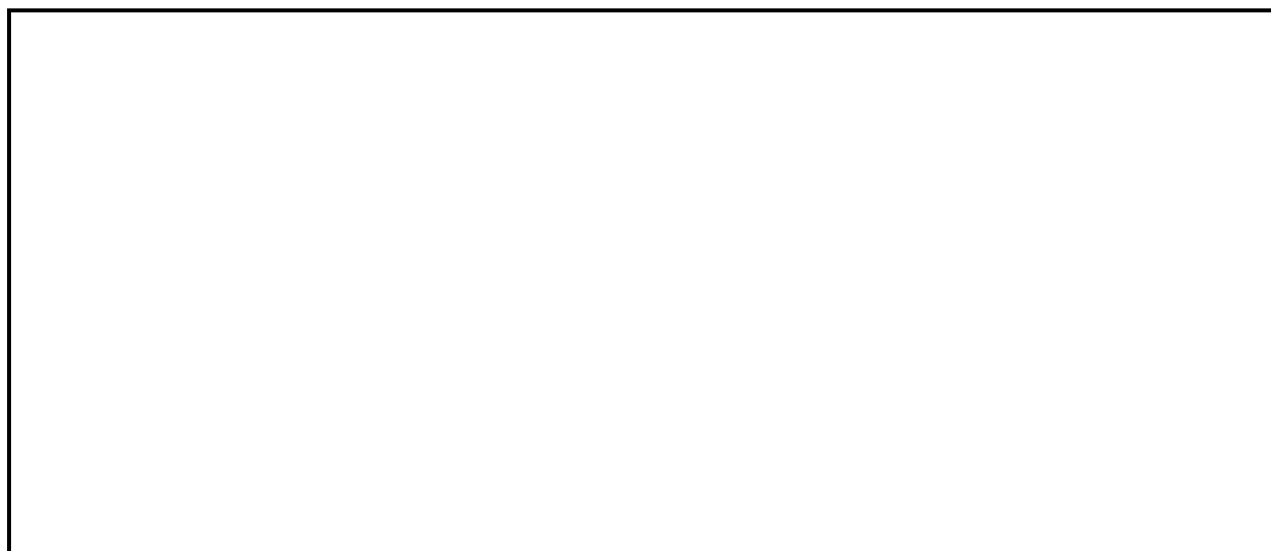
- Harness Type: Driver Seat
- OEM Connector: 7283-1020
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.3 Series (NA)

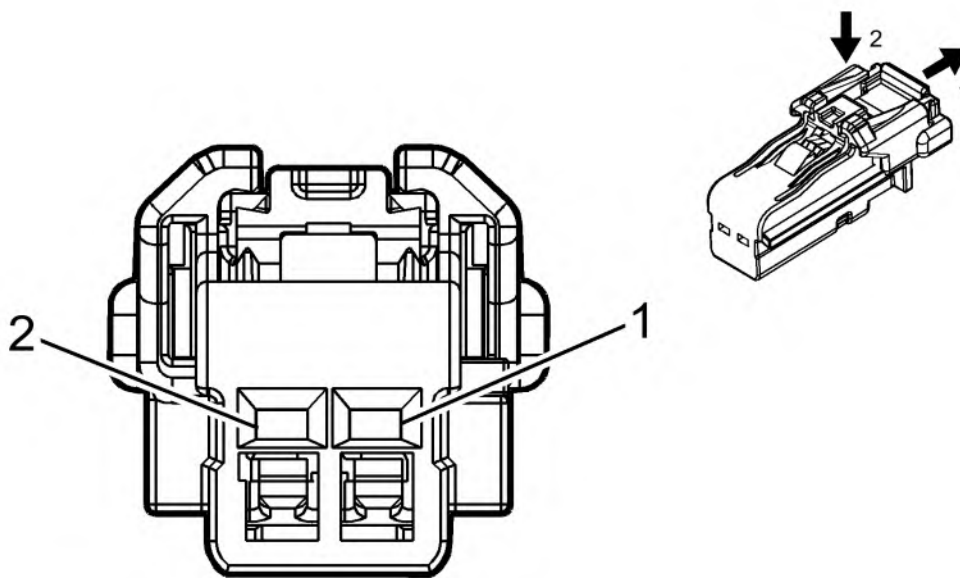
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-
2	0.35	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-

M53P SEAT LUMBAR SUPPORT MOTOR - PASSENGER (AT9+X88)





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)

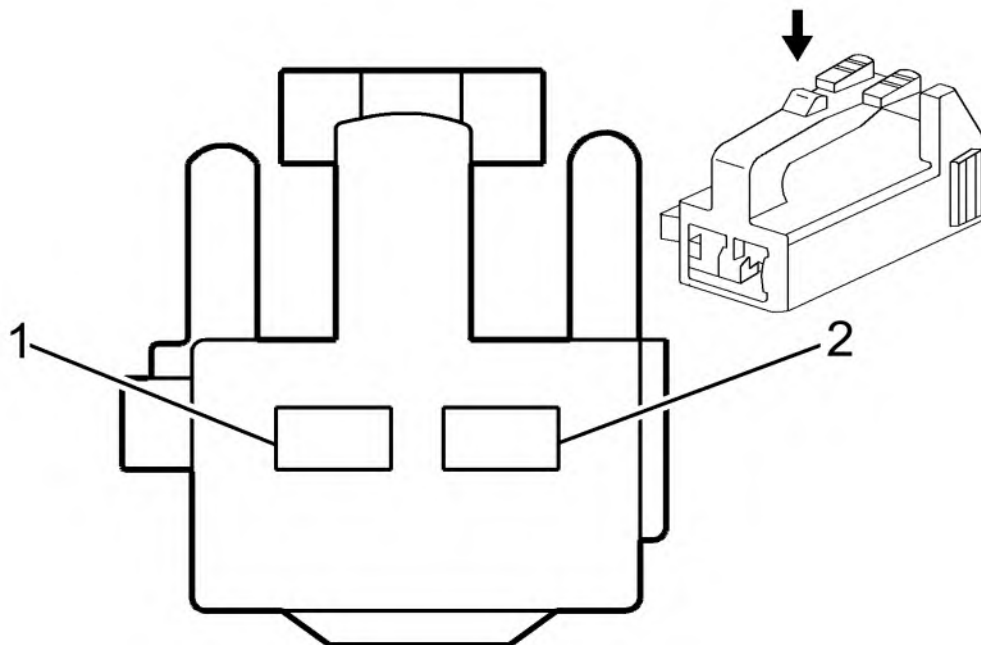
Terminal Part Information

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	0.35	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
2	0.35	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-

M53P SEAT LUMBAR SUPPORT MOTOR - PASSENGER (AT9+Z88)





Connector Part Information

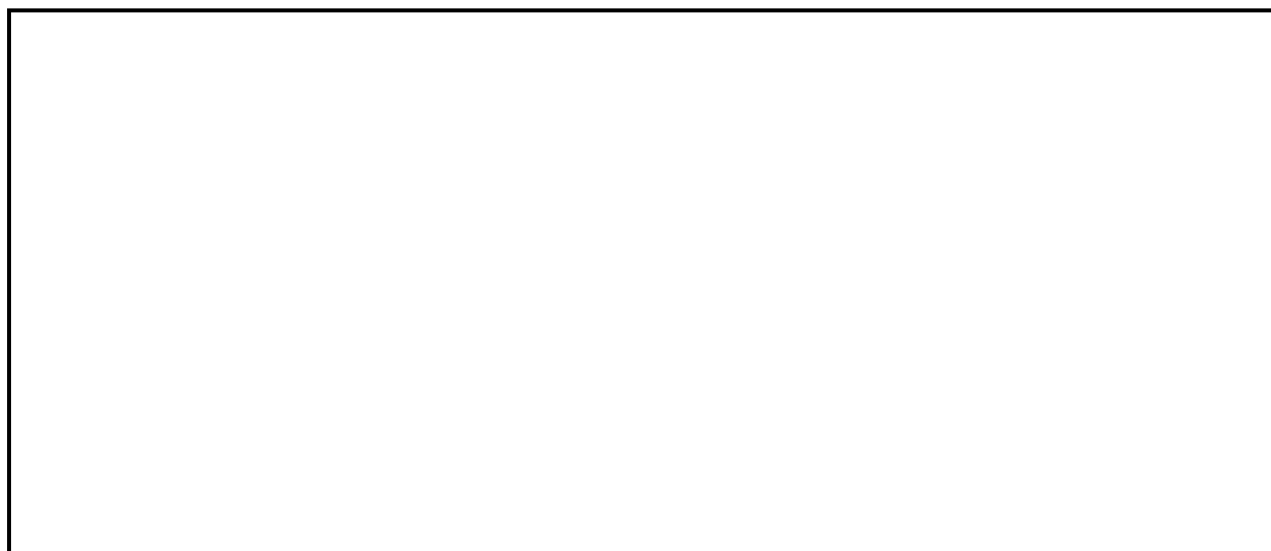
- Harness Type: Passenger Seat
- OEM Connector: 7283-1020
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.3 Series (NA)

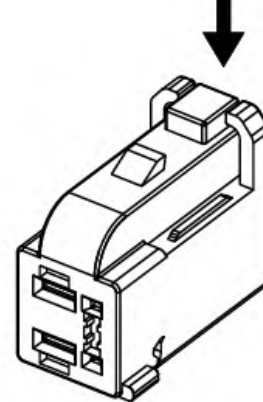
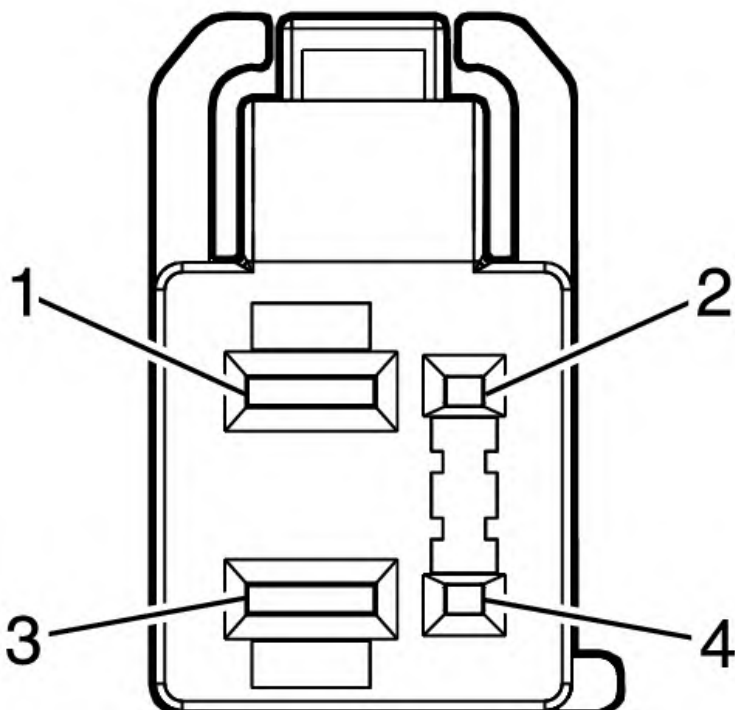
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
2	0.35	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-

M55D SEAT REAR VERTICAL MOTOR - DRIVER (A45/AG1)





Connector Part Information

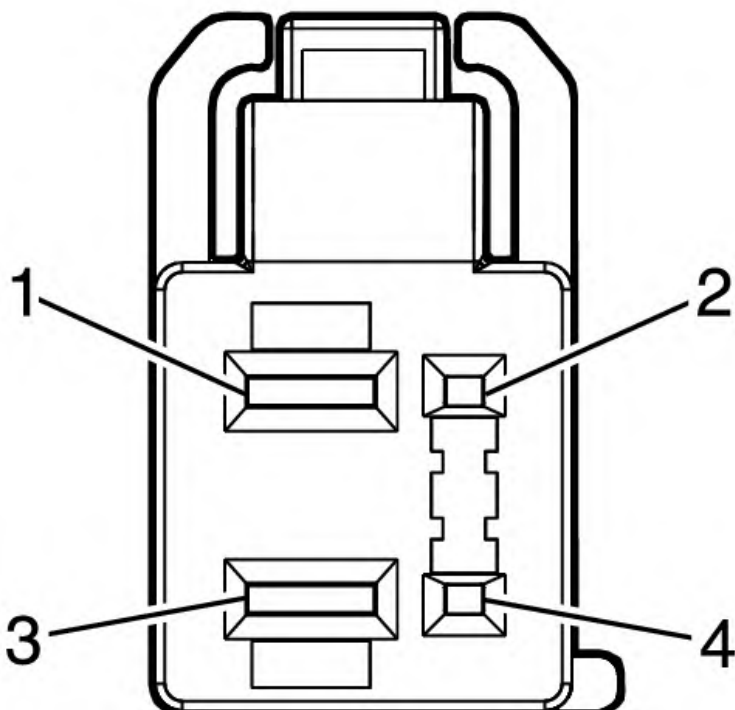
- Harness Type: Driver Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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 1.5	GY/BU GY/BU	283 283	Driver Power Seat Rear Vertical Motor Down Control Driver Power Seat Rear Vertical Motor Down Control	I I	A45/A74 AG1-A45-A74
2	0.35	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	II	-
3	2 1.5	YE YE	282 282	Driver Power Seat Rear Vertical Motor Up Control Driver Power Seat Rear Vertical Motor Up Control	I I	A45/A74 AG1-A45-A74
4	0.35	WH/RD	3298	Memory Sensor High Reference 2	II	-

M55P SEAT REAR VERTICAL MOTOR - PASSENGER (ADT/AG2)



Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

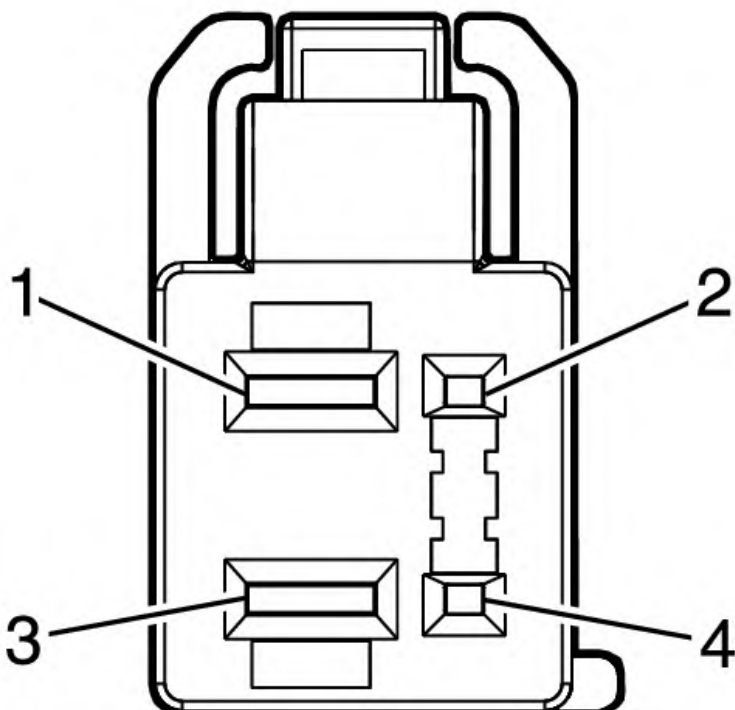
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	1.5	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
2	-	-	-	Not Occupied	-	-
3	1.5	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-
4	-	-	-	Not Occupied	-	-

M56D SEAT RECLINE MOTOR - DRIVER (A45/AG1)





Connector Part Information

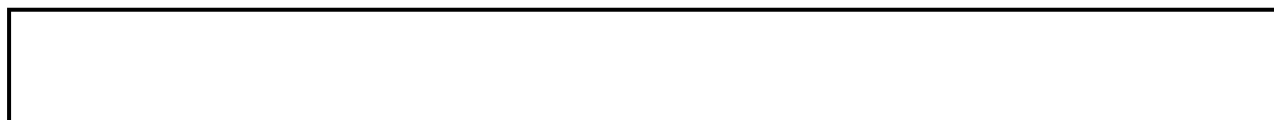
- Harness Type: Driver Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

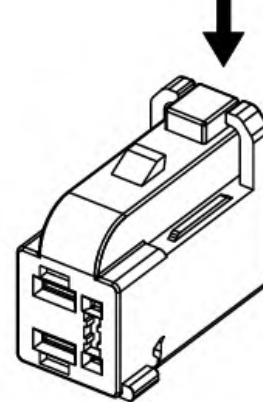
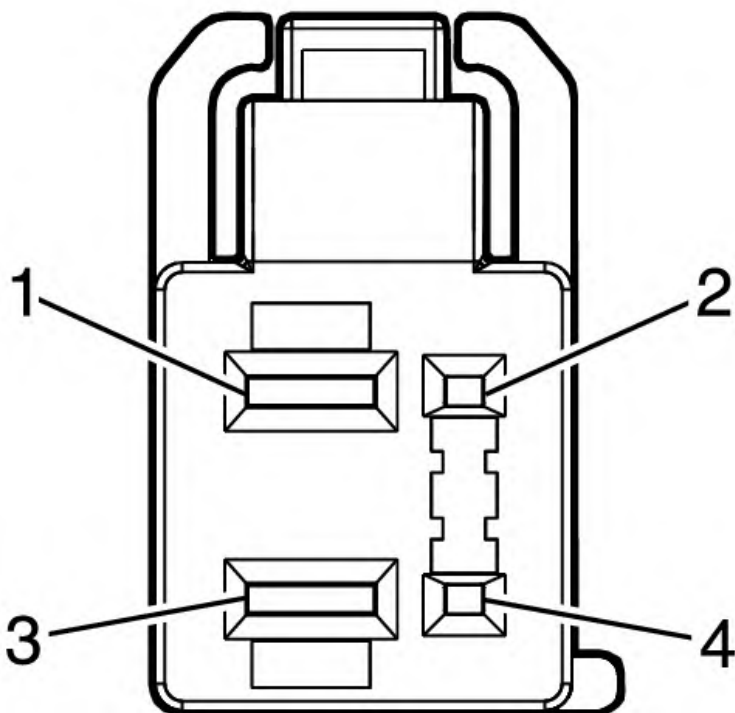
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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 1.5	GN/YE GN/YE	276 276	Driver Power Seat Recline Motor Forward Control Driver Power Seat Recline Motor Forward Control	I I	A45/A74 AG1-A45-A74
2	0.35	WH/RD	3298	Memory Sensor High Reference 2	II	-
3	2 1.5	BU/YE BU/YE	277 277	Driver Power Seat Recline Motor Rearward Control Driver Power Seat Recline Motor Rearward Control	I I	A45/A74 AG1-A45-A74
4	0.35	WH/BK	570	Driver Memory Seat Recline Motor Position Sensor Signal	II	-

M56P SEAT RECLINE MOTOR - PASSENGER (AG2)





Connector Part Information

- Harness Type: Passenger Seat
- OEM Connector: 2272784-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BK)

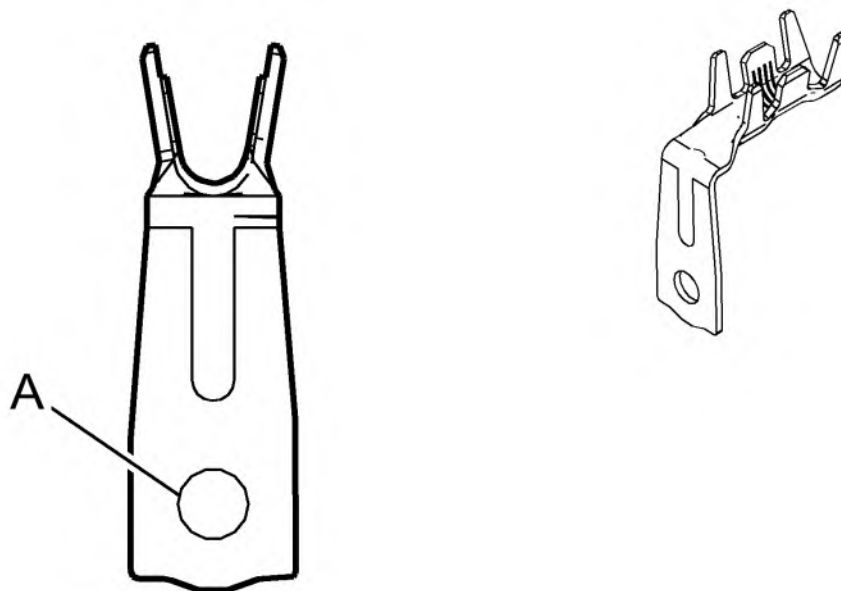
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	1.5	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-
2	-	-	-	Not Occupied	-	-
3	1.5	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
4	-	-	-	Not Occupied	-	-

M64 STARTER MOTOR X2





Connector Part Information

- Harness Type: Battery
- OEM Connector: 23129272
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Ring Terminal

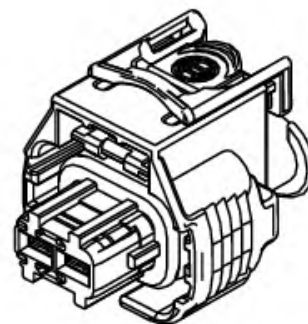
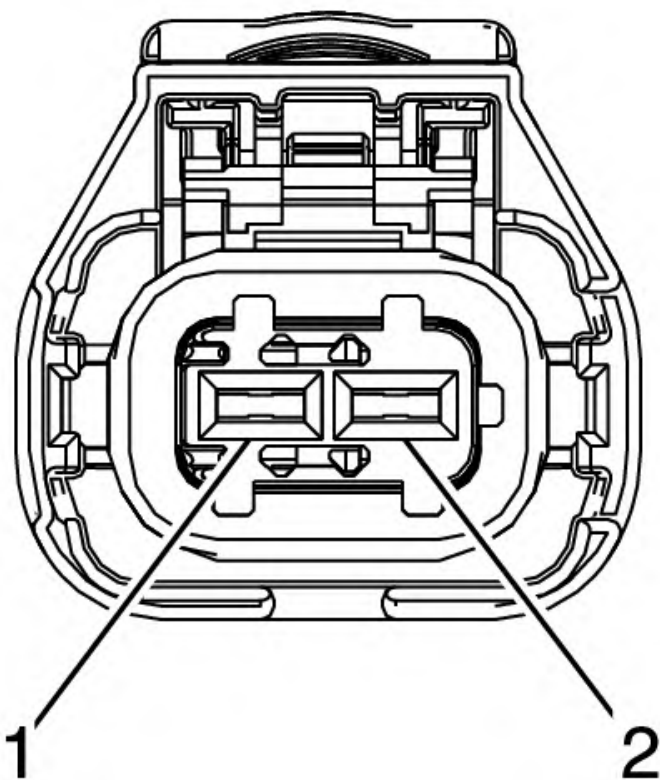
Terminal Part Information

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	35	RD	2	Battery Positive Voltage	I	-

M64 STARTER MOTOR X1 (KL9)





Connector Part Information

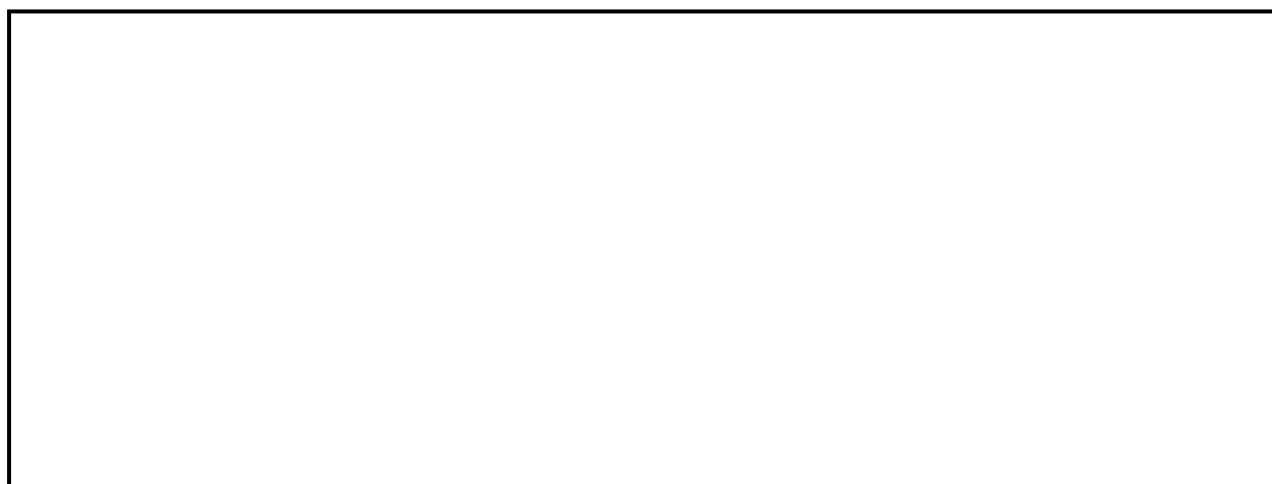
- Harness Type: Engine
- OEM Connector: 13343443
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

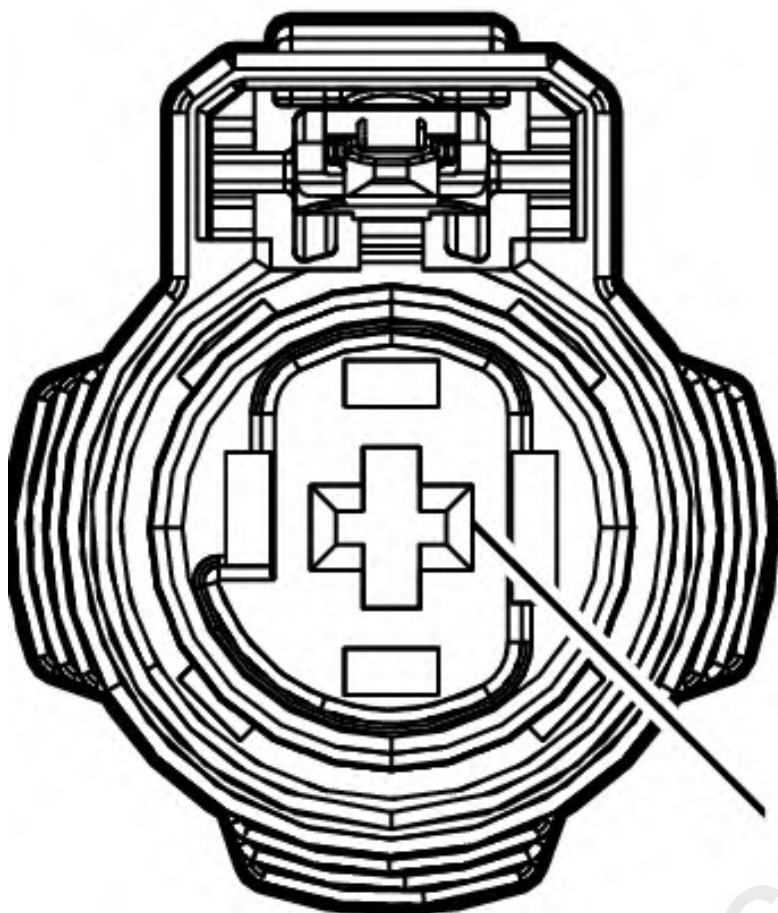
Terminal Part Information

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	YE	6	Starter Solenoid Crank Ignition Voltage	I	-
2	2.5	YE/GN	4358	Starter Pinion Solenoid Voltage	I	-

M64 STARTER MOTOR X1 (-KL9)





1

Connector Part Information

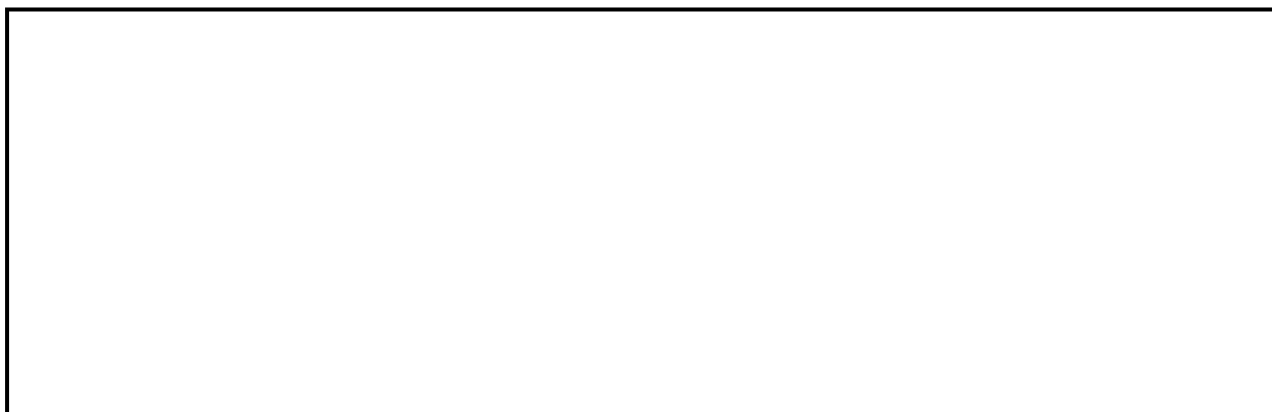
- Harness Type: Engine
- OEM Connector: 13589322
- Service Connector: 19300471
- Description: 1-Way F 2.8 MCP Series, Sealed (BK)

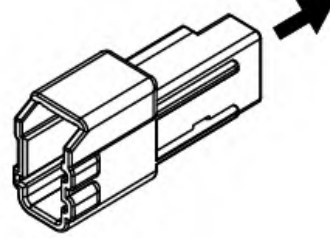
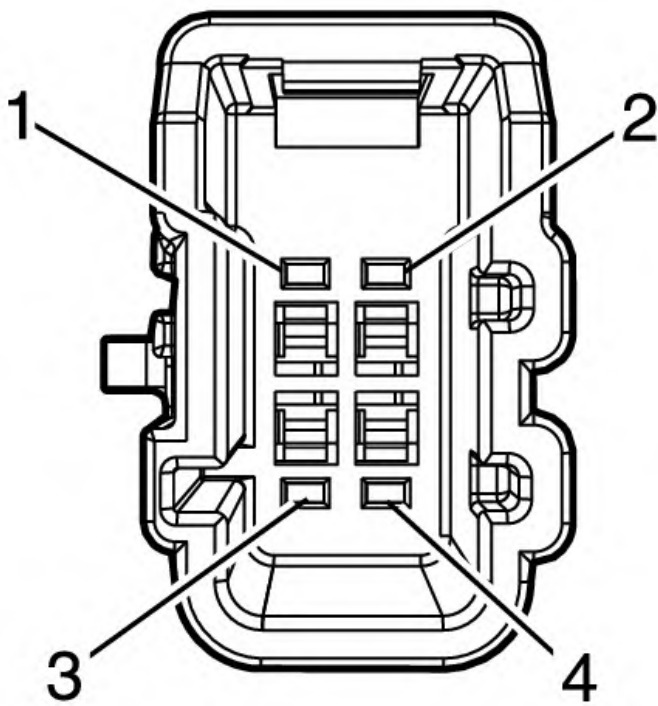
Terminal Part Information

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	2.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	-

M73A SEAT BLOWER MOTOR - DRIVER BACK (KU1)





Connector Part Information

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

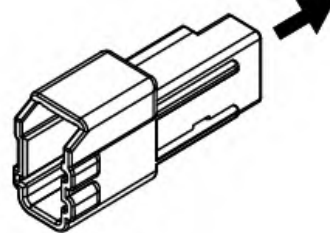
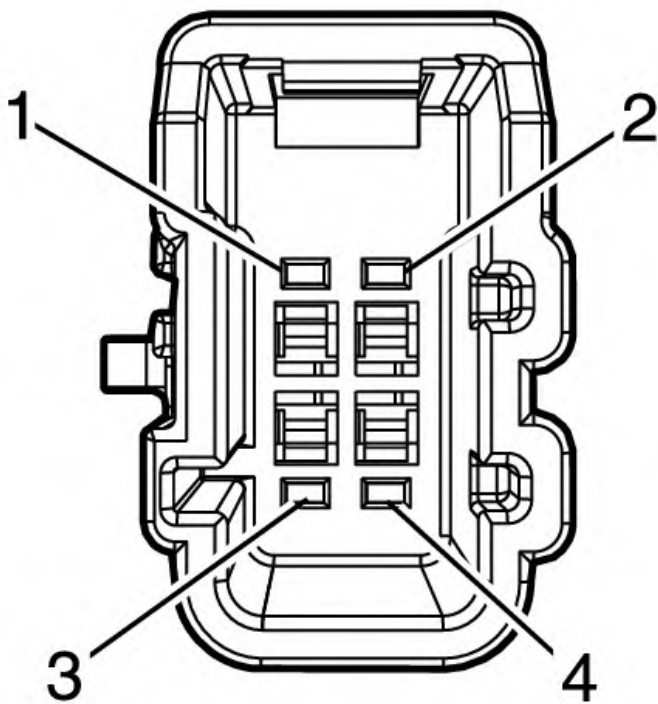
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (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	GN/VT	5906	Driver Seat Vent Motor Control 1	I	-
2	0.35	BK	2350	Ground	I	-
3	0.35	VT/BK	339	Run/Crank Ignition 1 Voltage	I	-
4	-	-	-	Not Occupied	-	-

M73B SEAT BLOWER MOTOR - PASSENGER BACK (KU3)





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)

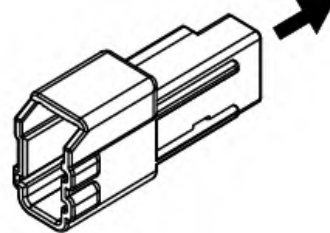
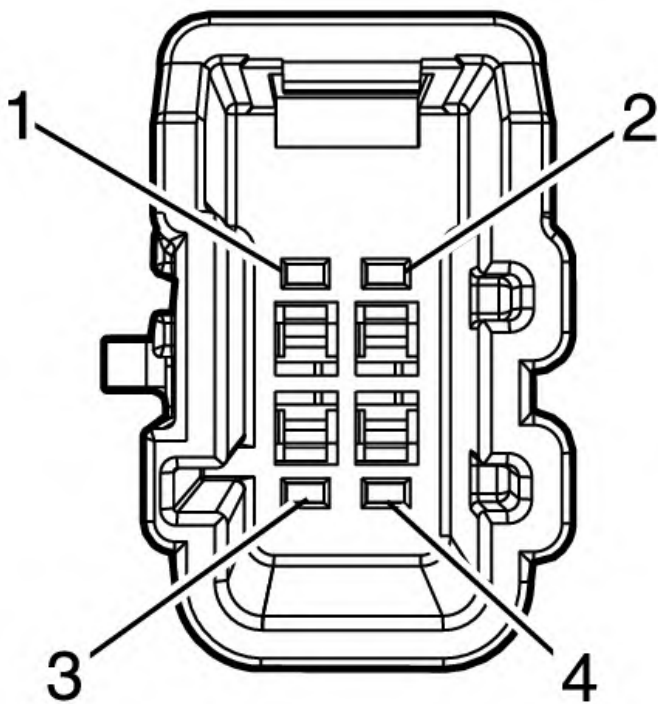
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (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	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	-
2	0.35	BK	1950	Ground	I	-
3	0.35	VT/GY	1039	Run/Crank Ignition 1 Voltage	I	-
4	-	-	-	Not Occupied	-	-

M73C SEAT BLOWER MOTOR - DRIVER CUSHION (KU1)





Connector Part Information

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

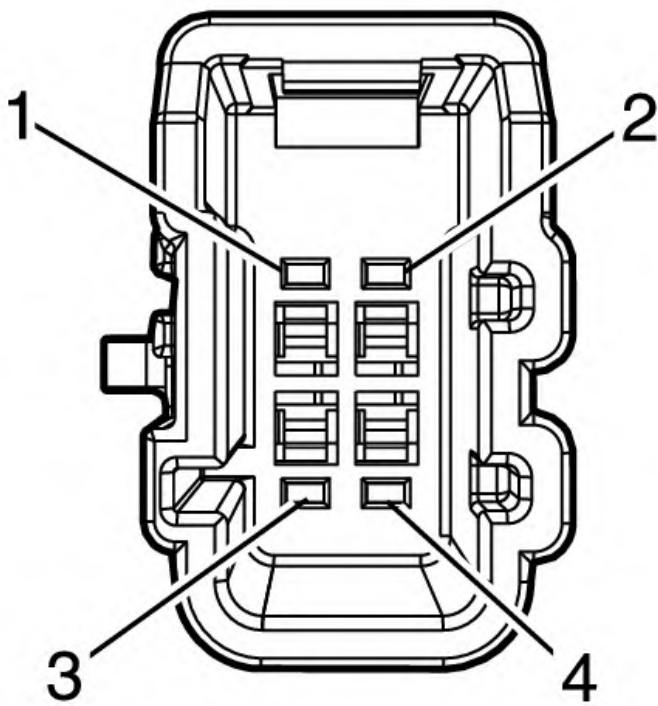
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (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	GN/VT	5906	Driver Seat Vent Motor Control 1	I	-
2	0.35	BK	2350	Ground	I	-
3	0.35	VT/BK	339	Run/Crank Ignition 1 Voltage	I	-
4	-	-	-	Not Occupied	-	-

M73D SEAT BLOWER MOTOR - PASSENGER CUSHION (KU3)





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-35616-17 (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	VT/WH	5908	Passenger Seat Vent Motor Control 1	I	-
2	0.35	BK	1950	Ground	I	-
3	0.35	VT/GY	1039	Run/Crank Ignition 1 Voltage	I	-
4	-	-	-	Not Occupied	-	-

M74LR WINDOW MOTOR - LEFT REAR



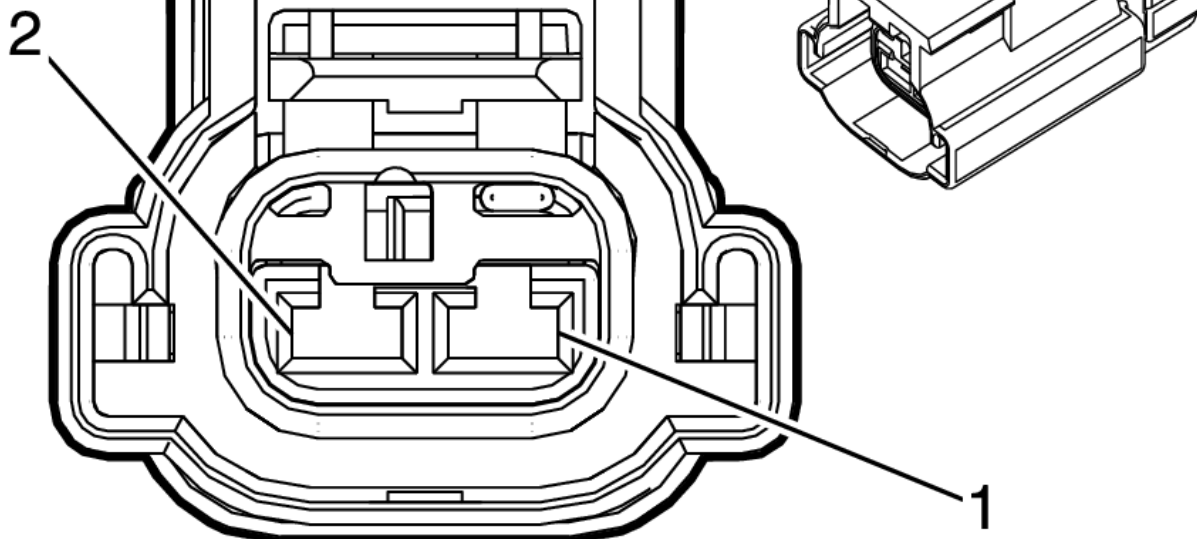


- Harness Type: Left Rear Door
- OEM Connector: 13580233
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	BU/VT	668	Power Window Motor Left Rear Up Control	I	-
2	2.5	YE/BU	669	Power Window Motor Left Rear Down Control	I	AEQ

M74P WINDOW MOTOR - PASSENGER



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13580233
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)

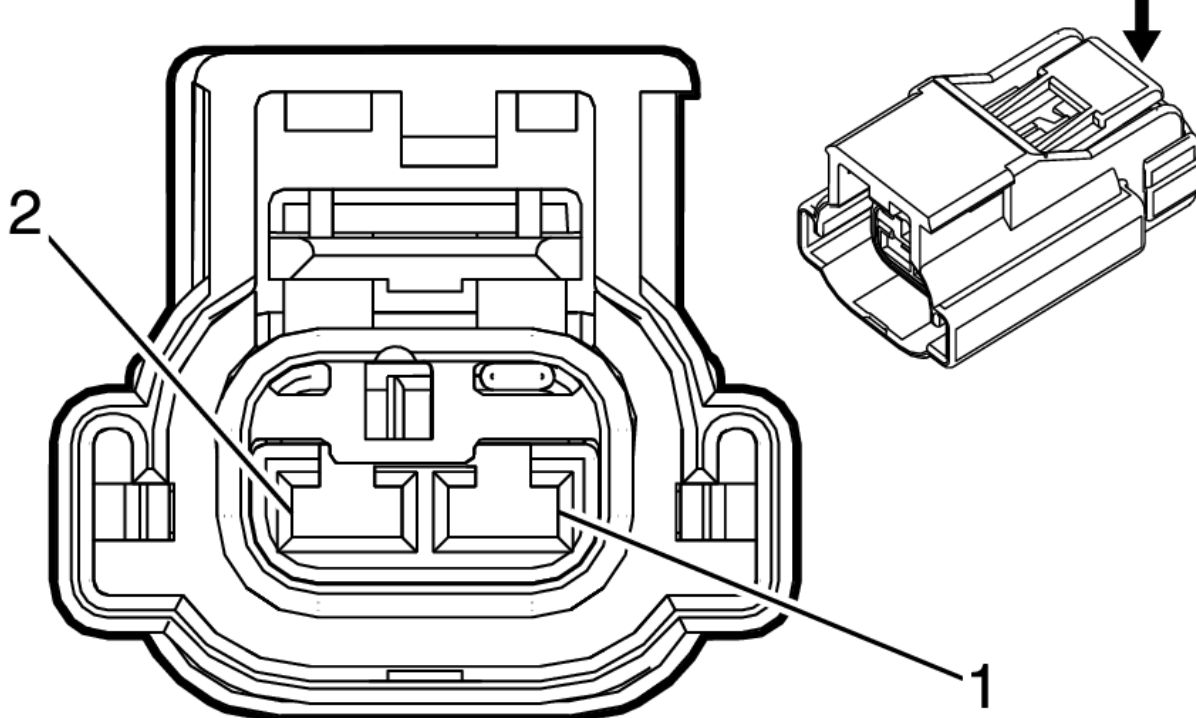
Terminal Part Information

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/GY	3387	Power Window Motor Passenger Up Control	I	AED/A45
2	2.5	YE/BU	3388	Power Window Motor Passenger Down Control	I	AED/A45

M74RR WINDOW MOTOR - RIGHT REAR





Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 13580233
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 APEX Series, Sealed (BK)

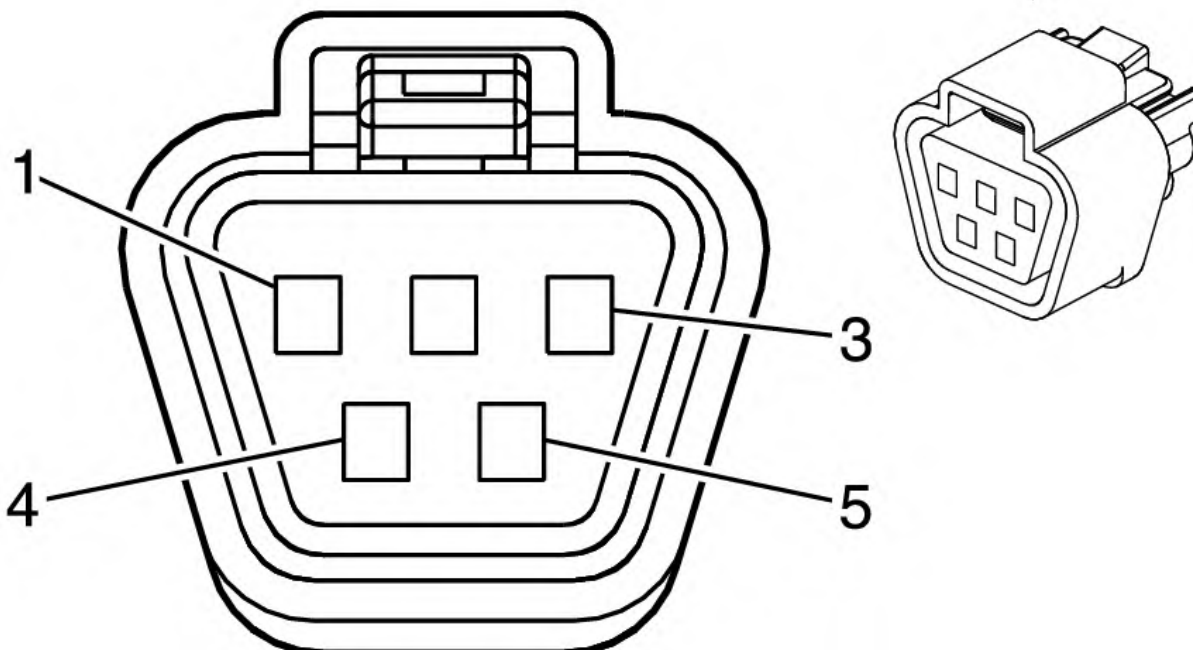
Terminal Part Information

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	BU/GY	670	Power Window Motor Right Rear Up Control	I	AEQ
2	2.5	GN/BK	671	Power Window Motor Right Rear Down Control	I	AEQ

M75 WINDSHIELD WIPER MOTOR





Connector Part Information

- Harness Type: Body
- OEM Connector: 15316488
- Service Connector: 13587179
- Description: 5-Way F 090 Series, Sealed (BK)

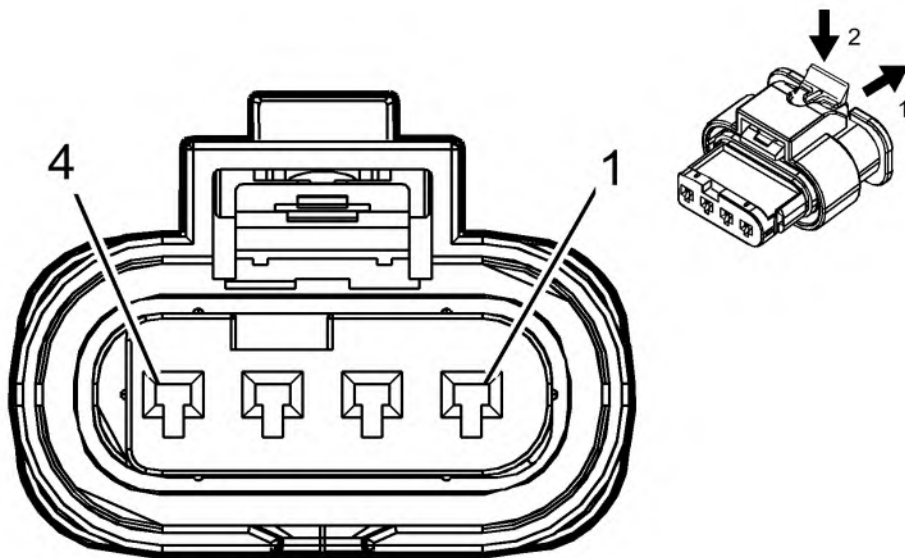
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-18 (BK)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BN	95	Windshield Wiper Motor Low Speed Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BN/GN	196	Windshield Wiper Motor Park Switch Signal	I	-
4	1.5	WH	92	Windshield Wiper Motor High Speed Control	I	-
5	1.5	BK	1450	Ground	I	-

M96A ACTIVE GRILLE AIR SHUTTER 1 ACTUATOR (VTI)





Connector Part Information

- Harness Type: Forward Lamp Extension
- OEM Connector: 4-2272005-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 MCON Series (BK)

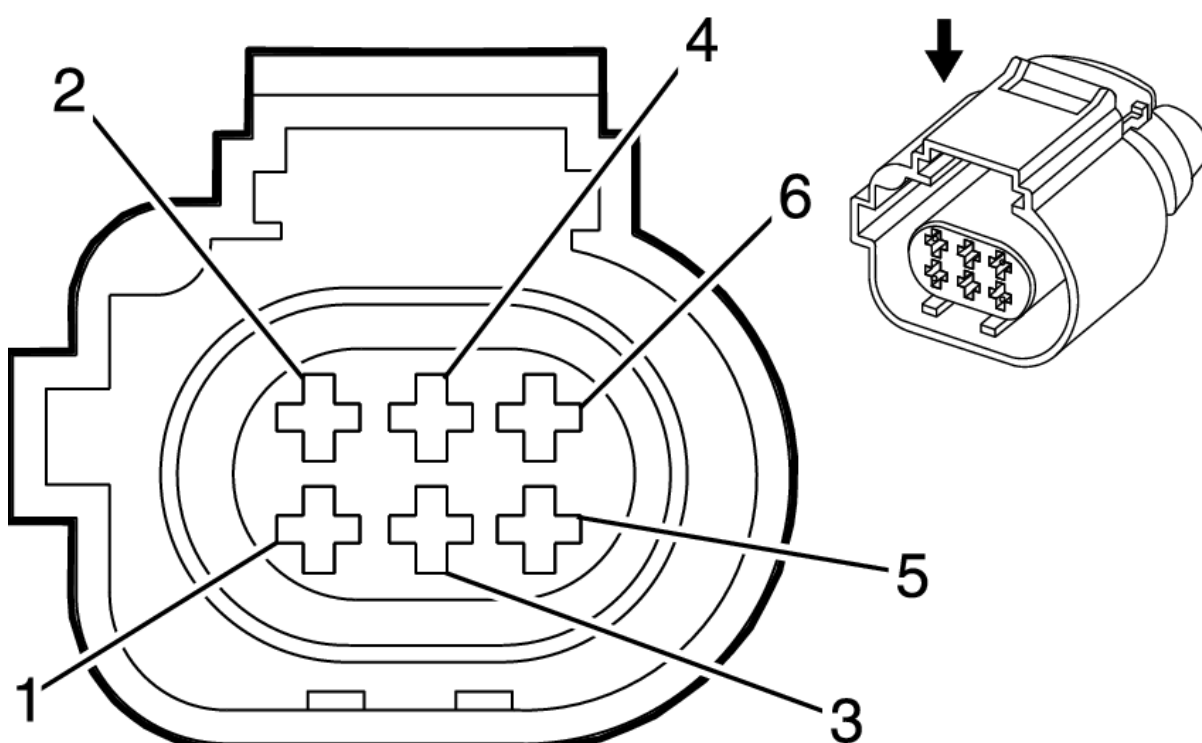
Terminal Part Information

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	0.35	VT/BU	5705	Powertrain Main Relay Fused Control 6	I	-
2	0.35	GN/VT	4621	Local Interconnect Network Serial Data Bus 21	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	BK	1150	Ground	I	VTI

M98 INTAKE MANIFOLD RUNNER VALVE ACTUATOR (LH7)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 55571437
- Service Connector: 19368732
- Description: 6-Way F 1.6 Micro-Timer Series, Sealed (BN)

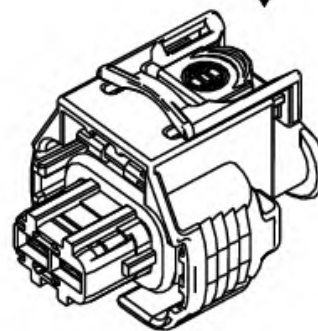
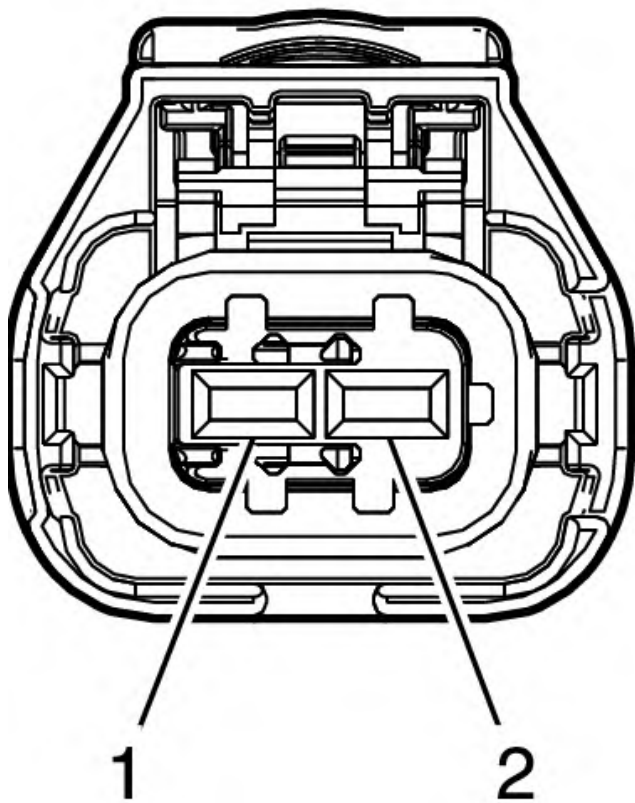
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	7316	Variable Swirl Valve PWM Control Signal	I	LH7
2	0.75	BK	450	Ground	I	LH7
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	GY/VT	7368	Variable Swirl and Actuator Position Signal	I	LH7
6	0.75	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-

M104L PARK BRAKE ACTUATOR - LEFT





Connector Part Information

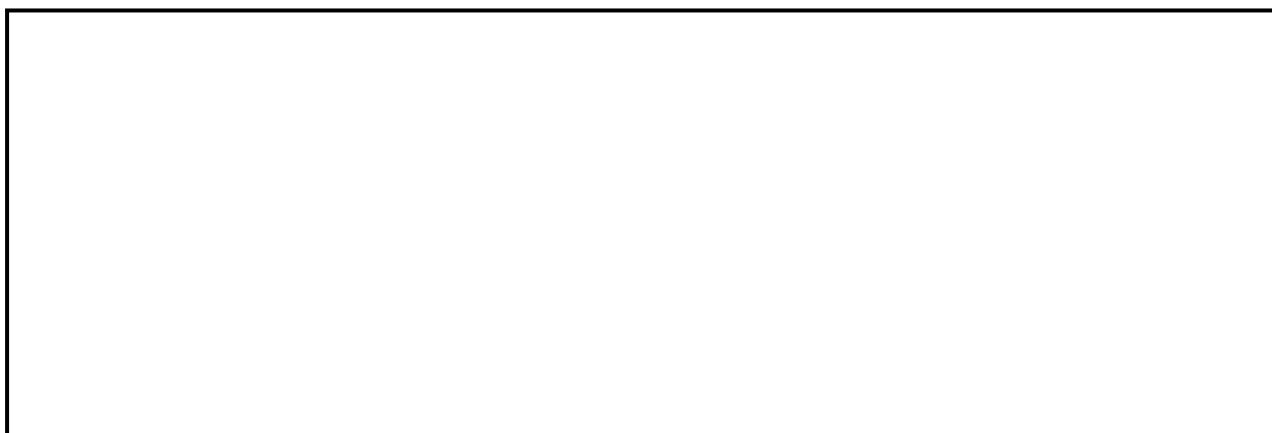
- Harness Type: Rear Axle
- OEM Connector: 13343445
- Service Connector: 19299882
- Description: 2-Way F 2.8 Series, Sealed (BK)

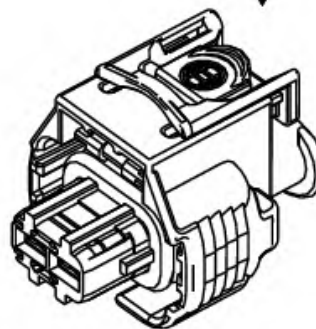
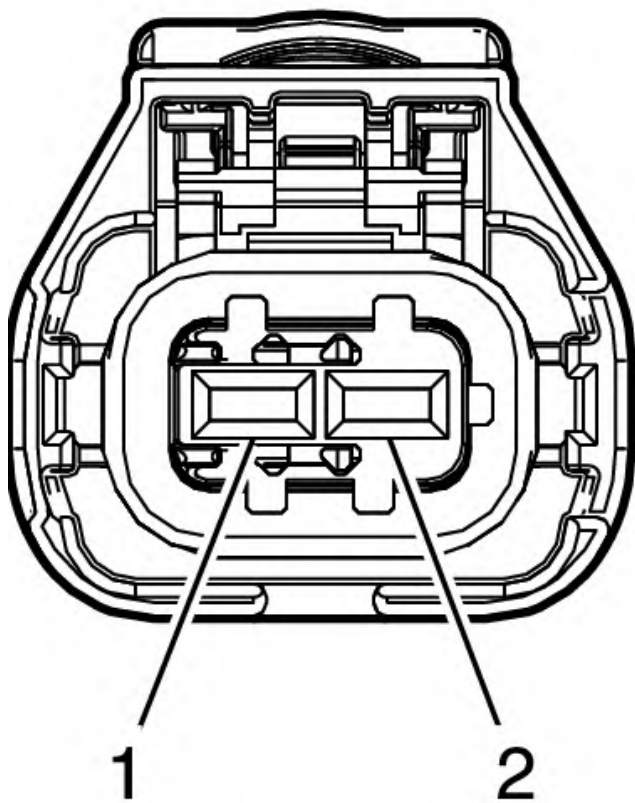
Terminal Part Information

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

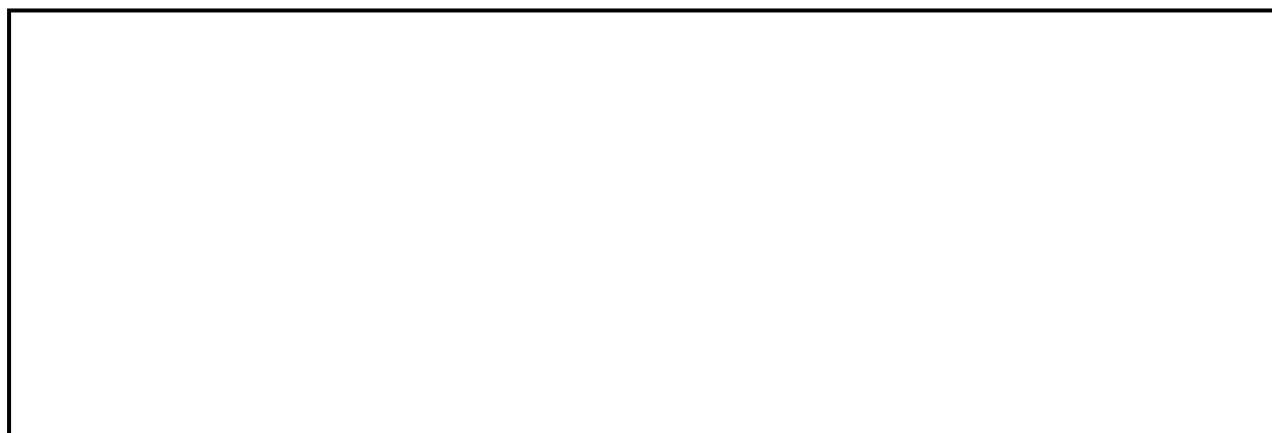
- Harness Type: Rear Axle
- OEM Connector: 13343445
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

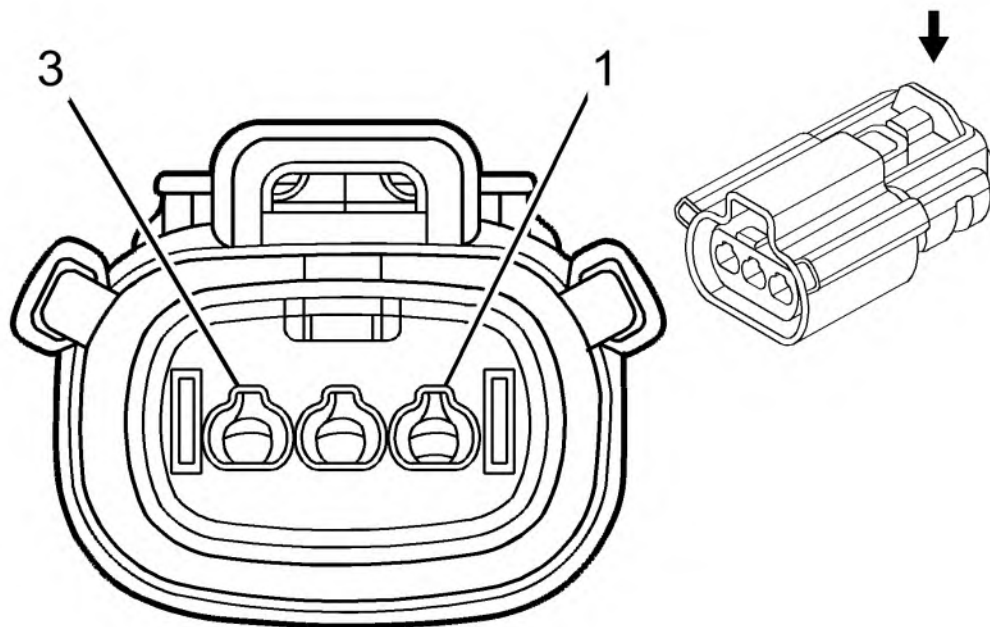
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (VT)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	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	-

M115 POWER TRANSFER UNIT SHIFT ACTUATOR X1 (F48)



Connector Part Information



Connector Part Information

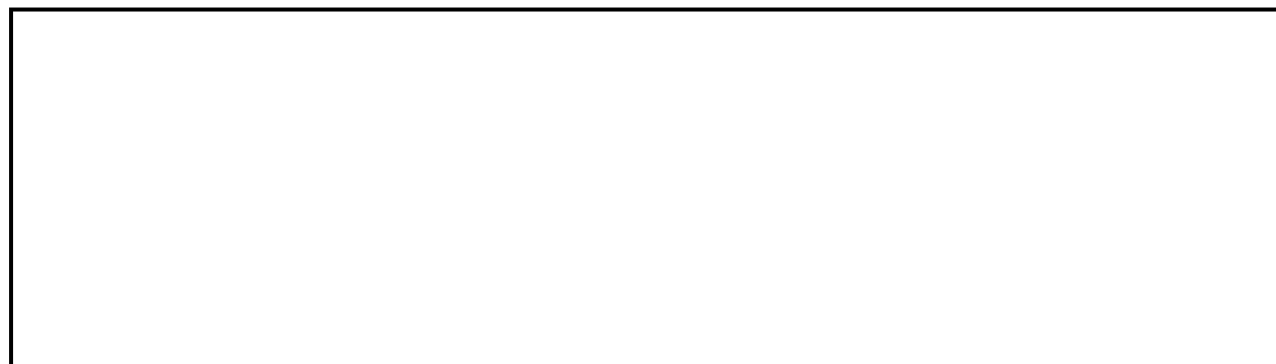
- Harness Type: Engine
- OEM Connector: 13503225
- Service Connector: 19301648
- Description: 3-Way F 150 MX Series, Sealed (BK)

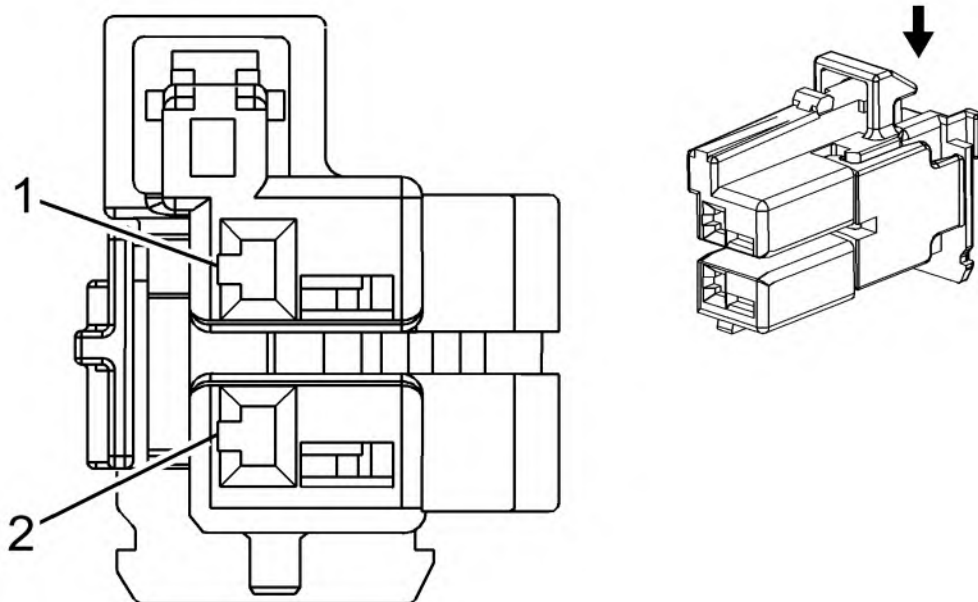
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	GN/BN	3848	All Wheel Drive Power Transfer Unit Position Sensor Signal	I	F48
2	0.5	WH/RD	3847	All Wheel Drive Power Transfer Unit Position Sensor Voltage Reference	I	F48
3	0.5	BK/VT	3846	All Wheel Drive Power Transfer Unit Position Sensor Low Reference	I	-

M123 TRANSMISSION PARK VALVE LOCK SOLENOID ACTUATOR (M3H/M3U)





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2203696-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

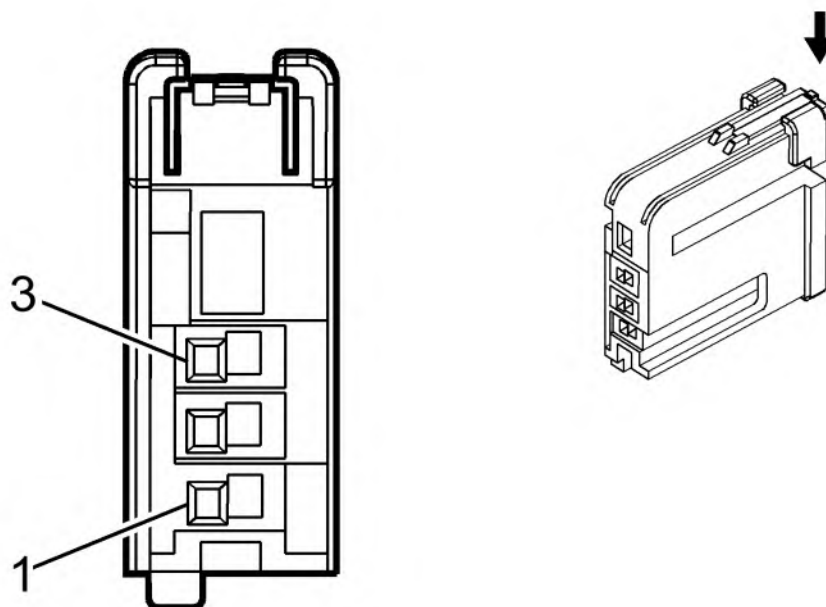
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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	GY/BN	6388	Transmission High Side Driver 2 Signal	I	M3H/M3U
2	0.5	VT/BK	7553	Park Lock Solenoid Control	I	M3H/M3U

P2 TRANSMISSION SHIFT LEVER POSITION INDICATOR





Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 19153430
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series (BK)

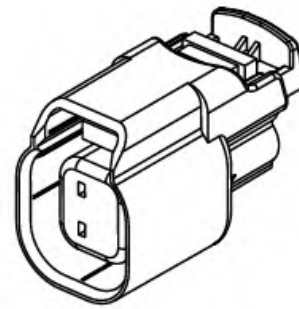
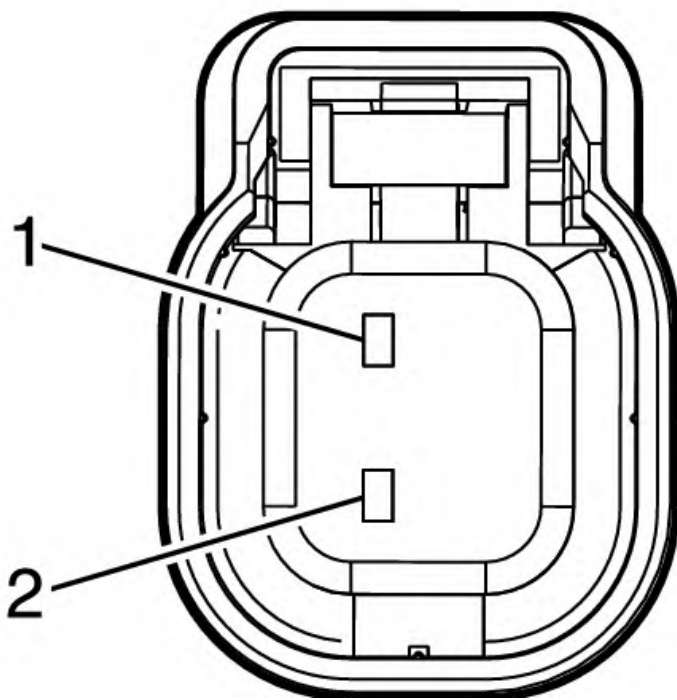
Terminal Part Information

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	0.35	GY/VT	755	RAP Relay Coil Control	I	-
2	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
3	0.35	BK	2250	Ground	I	-

P13 HORN ASSEMBLY





Connector Part Information

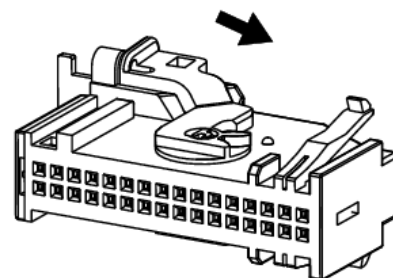
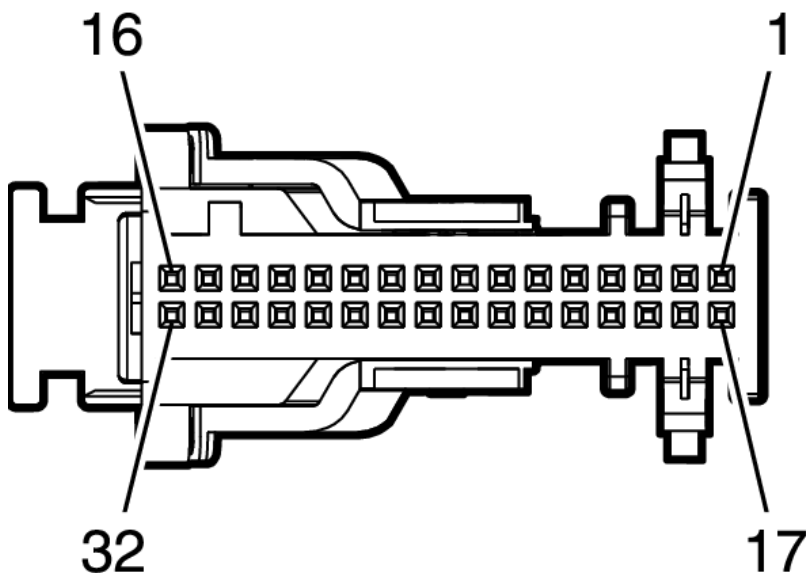
- Harness Type: Forward Lamp
- OEM Connector: 13503510
- Service Connector: 19367569
- Description: 2-Way F 1.5 Series, Sealed (BK)

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-35616-14 (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	1050	Ground	I	U05
2	0.75	BN/GY	29	Horn Control	I	-

P16 INSTRUMENT CLUSTER X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 90587345
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK)

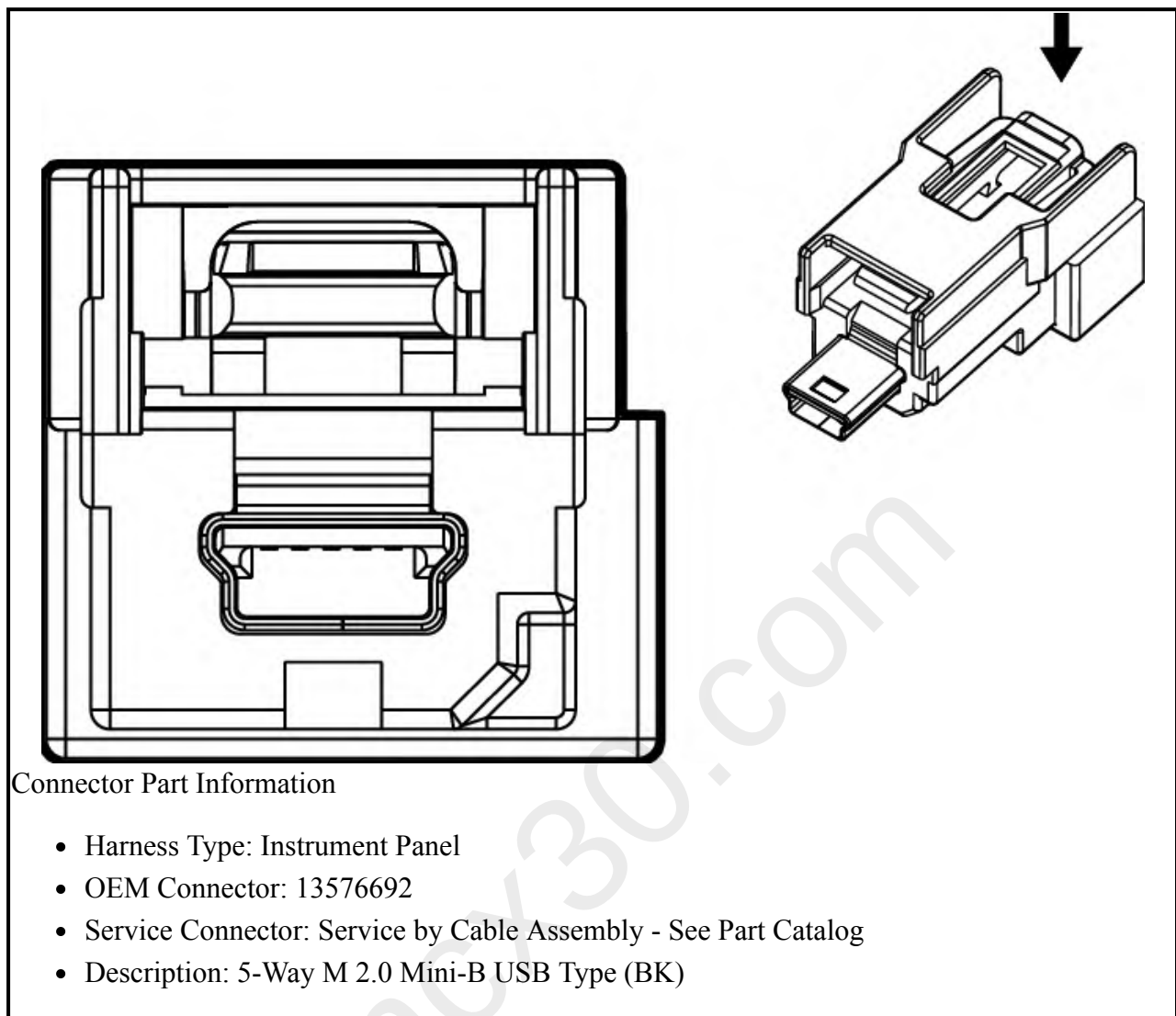
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575584	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19352073	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19352073	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	3997	MOST Serial Data (-)	I	UDD+IO5/IO6
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	UDD+IO5/IO6
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	-
4	-	-	-	Not Occupied	-	-
5	0.35	WH/VT	3999	MOST Control	I	UDD+IO5/IO6/UQA- IOS-IOT-IOU
6	-	-	-	Not Occupied	-	-
7	0.35	RD/BN	2240	Battery Positive Voltage	II	-
8	0.35	VT/GN	39	Run/Crank Ignition 1 Voltage	II	-
9 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/YE	3885	Forward Collision Alert LED Control	II	UEU
13 - 15	-	-	-	Not Occupied	-	-
16	0.13	BN/WH	419	Check Engine Indicator Control	II	NTB/NUB/LH7
17	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
18	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
19	0.35	BK	1750	Ground	II	-
20	0.35	GN/BK	3894	Local Interconnect Network Serial Data Bus 12	II	-
21 - 23	-	-	-	Not Occupied	-	-
24	0.35	VT	185	Low Washer Fluid Indicator Control	II	-
25 - 29	-	-	-	Not Occupied	-	-
30	0.35	WH/GN	3535	Reflected LED Display Dimming Control	II	UEU
31	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
32	0.35	GN/BN	507	Wait To Start Indicator Control	II	LH7

P16 INSTRUMENT CLUSTER X3

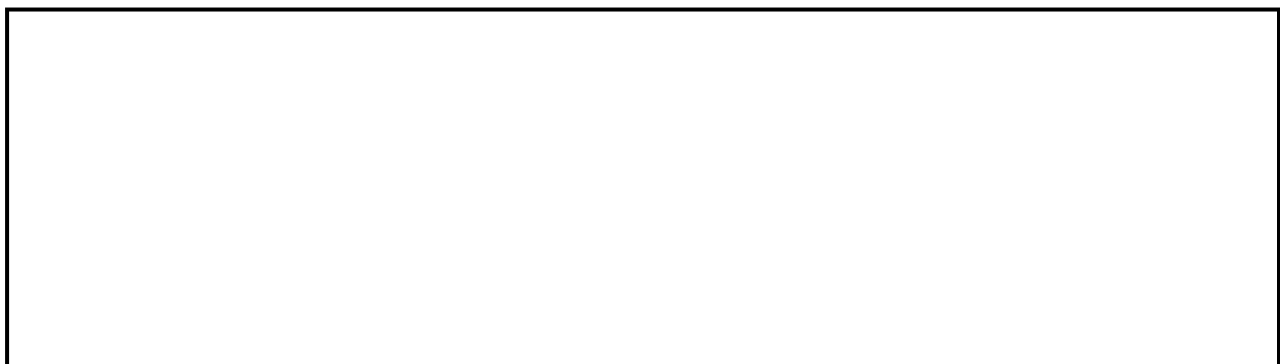


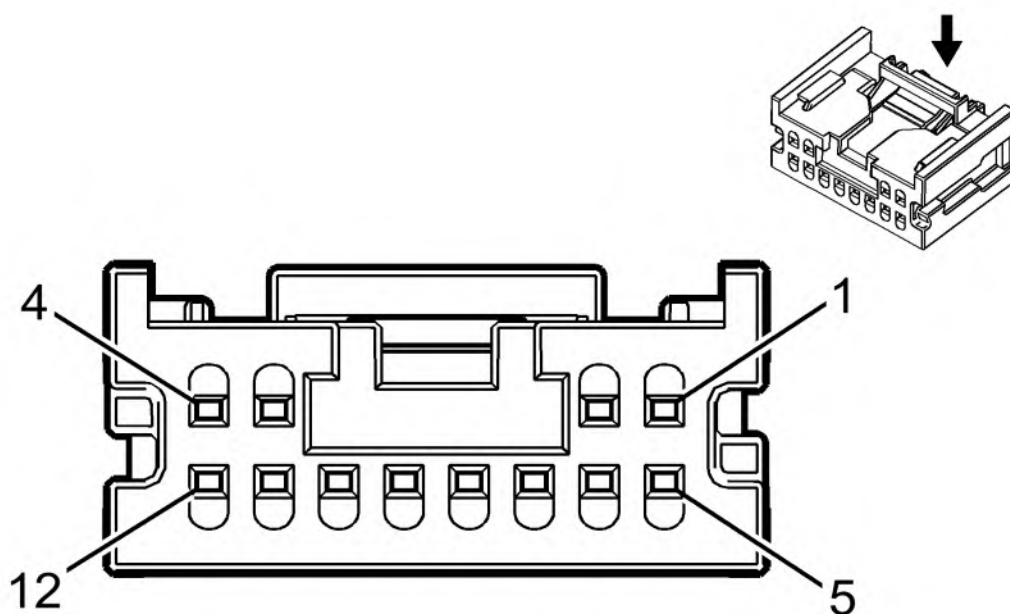
Terminal Part Information

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

P17 INFO DISPLAY MODULE X1 (IOB)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13507121
- Service Connector: 13507121
- Description: 12-Way F Mini 50 Series (BK)

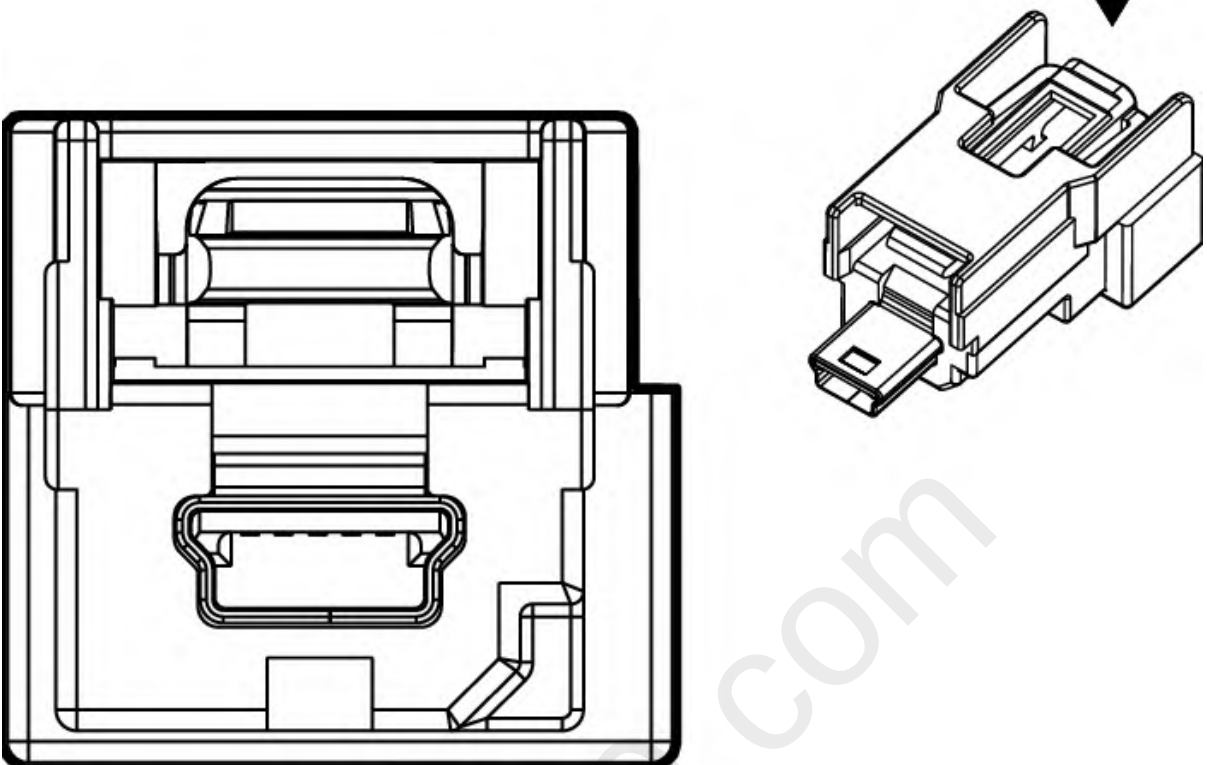
Terminal Part Information

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	BU/GN	2813	Radio Display Backlight Dimming Control	I	IOB
2	0.35	WH	2811	Radio Display Diagnostic Signal	I	IOB
3	0.35	BU/RD	2807	Radio Keypad Voltage Reference	I	IOB
4	0.35	GN/BK	2805	Radio Keypad Ground Return	I	IOB
5	0.35	BN	2814	Radio Display Low Voltage Differential Signaling Lock Signal	I	IOB
6	0.35	GY/VT	2812	Radio Display Low Voltage Differential Signaling Error Signal	I	IOB
7	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	IOB
8	0.35	BK/GN	2804	Radio Display Backlight Low Reference	I	IOB
9	0.35	BK	1750	Ground	I	IOB
10	0.35	BK	1750	Ground	I	IOB
11	0.35	BK/YE	2806	Radio Keypad Low Reference	I	IOB

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	IOB

P17 INFO DISPLAY MODULE X2 (IOB/IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13581312
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

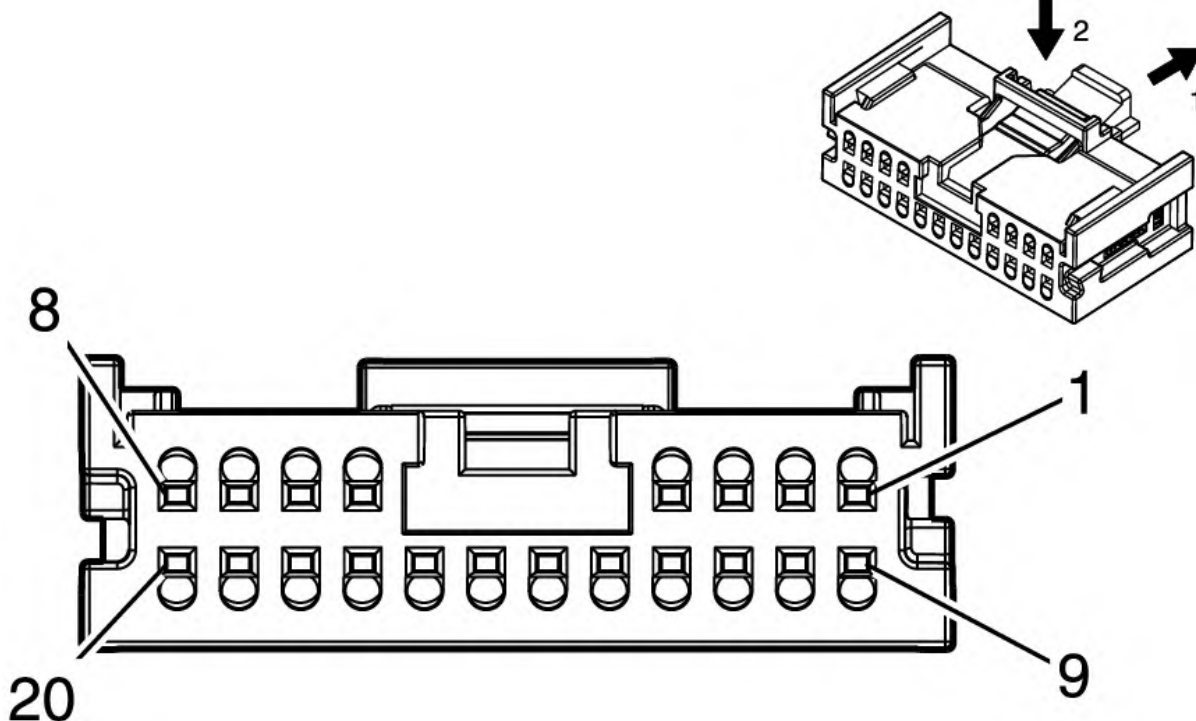
Terminal Part Information

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	-	Navigation Display Signal	I	-

P17 INFO DISPLAY MODULE X1 (IOR)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13596105
- Service Connector: 13596105
- Description: 20-Way F Mini 50 Series (BK)

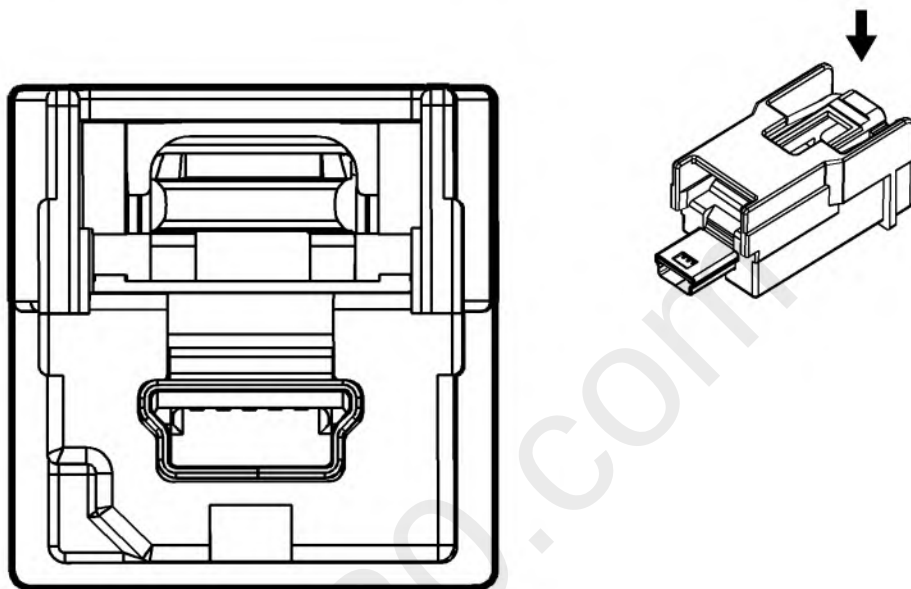
Terminal Part Information

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	BU/RD	2807	Radio Keypad Voltage Reference	I	IOR
2	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	IOR
3	-	-	-	Not Occupied	-	-
4	0.35	BU	4315	Radio Volume Up Signal	I	IOR
5	0.35	GY/BN	4314	Radio Volume Down Signal	I	IOR
6	0.35	BN/WH	2809	Radio Keypad Power Signal	I	IOR
7	0.35	VT/WH	2810	Radio Keypad Button Signal	I	IOR
8	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	IOR
9	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	I	IOR
10	-	-	-	Not Occupied	-	-
11	0.35	BK/GN	2804	Radio Display Backlight Low Reference	I	IOR
12	0.35	BN/WH	2517	Keypad Red LED Control	I	IOR
13	0.35	BU/RD	2807	Radio Keypad Voltage Reference	I	IOR
14	0.35	BU	4315	Radio Volume Up Signal	I	IOR

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.35	GY/BN	4314	Radio Volume Down Signal	I	IOR
16	0.35	BN/WH	2809	Radio Keypad Power Signal	I	IOR
17	0.35	VT/WH	2810	Radio Keypad Button Signal	I	IOR
18	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	IOR
19	0.35	GY/VT	3363	Navigation Display Dimming Control	I	IOR
20	0.35	BK/YE	2806	Radio Keypad Low Reference	I	IOR

P17 INFO DISPLAY MODULE X2 (IOR)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 111014-9501
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

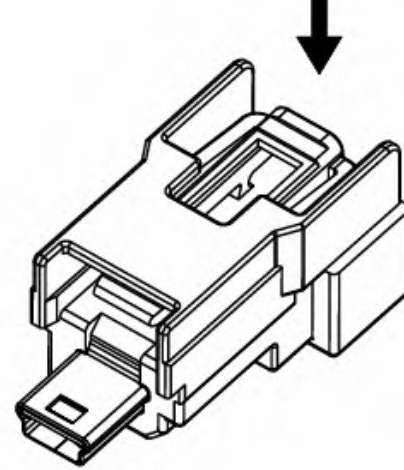
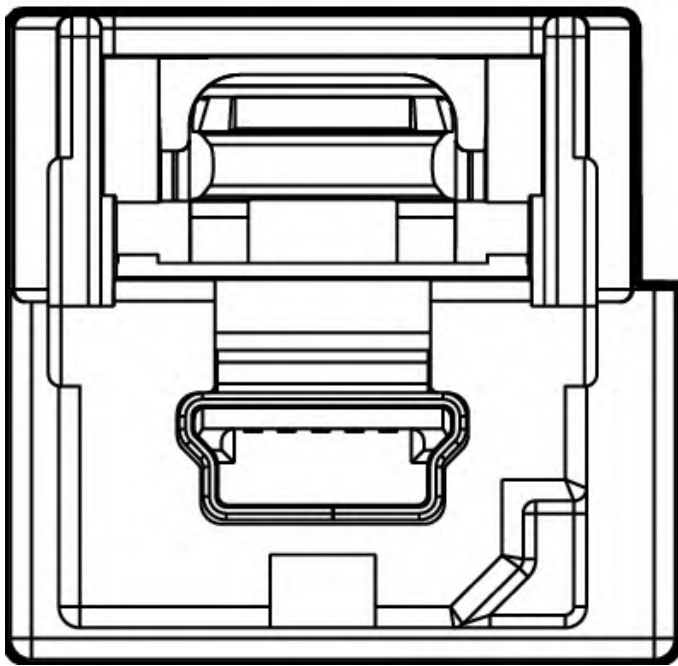
Terminal Part Information

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
-	-	LVDS	-	Navigation Display Signal	I	-

P17 INFO DISPLAY MODULE X2 (IOS/IOT/IOU)





Connector Part Information

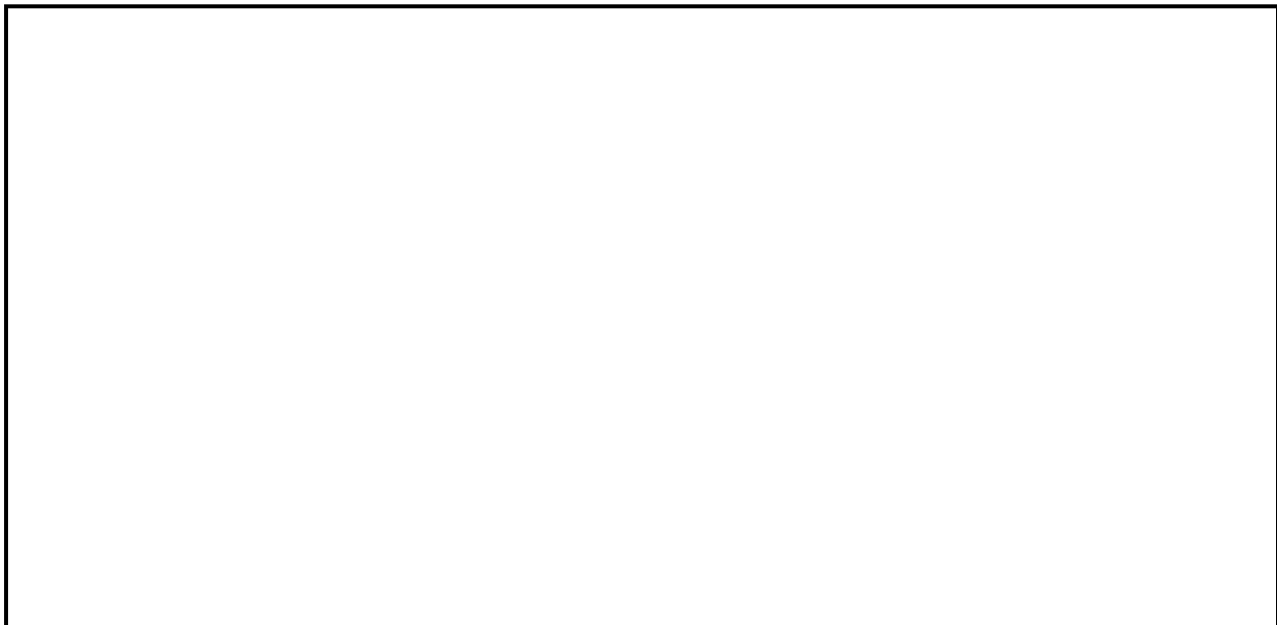
- Harness Type: Instrument Panel LVDS
- OEM Connector: 111014-9400
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

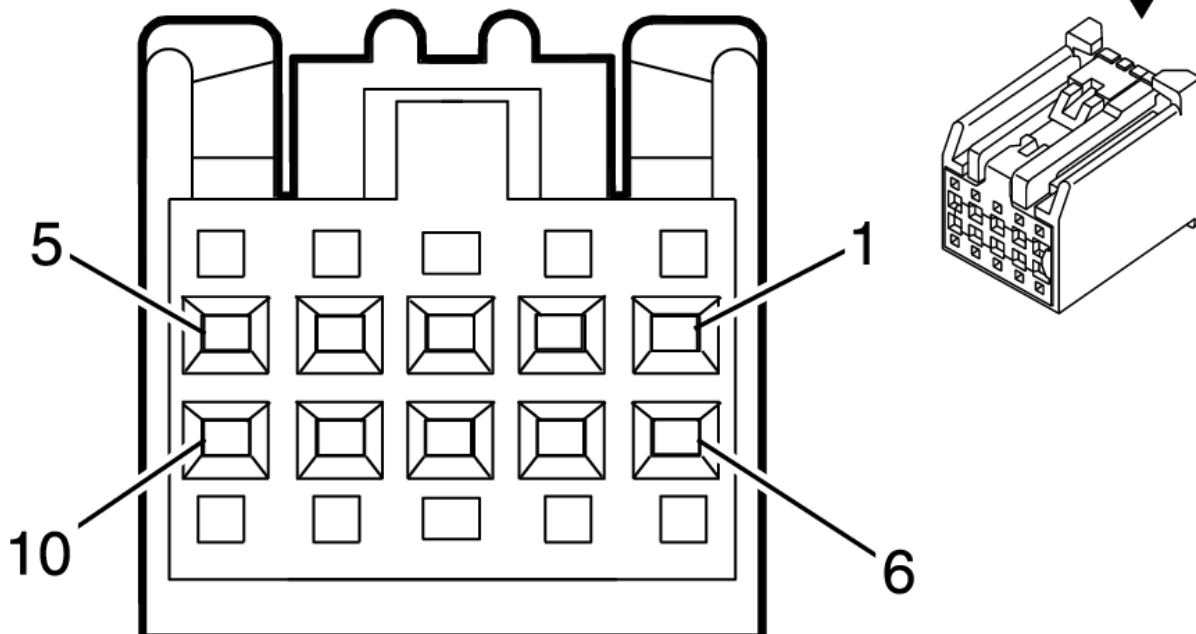
Terminal Part Information

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	-	Navigation Display Signal	I	-

P17 INFO DISPLAY MODULE X1 (IOS/IOT/IOU/IO5/IO6)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13577390
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

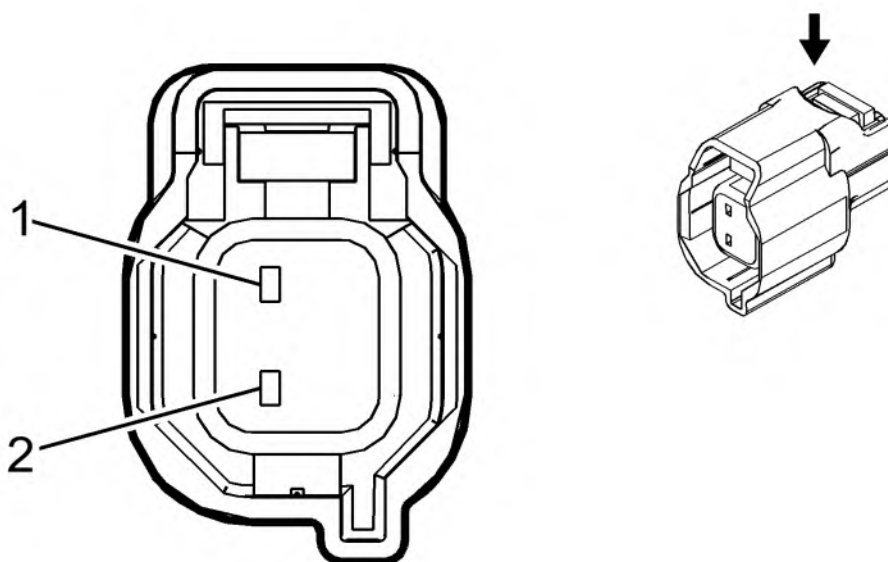
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	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	0.35	RD/BU	2540	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
9	-	-	-	Not Occupied	-	-
10	0.35	BK	1750	Ground	I	-

P19AG SPEAKER - LEFT FRONT DOOR (UQA)





Connector Part Information

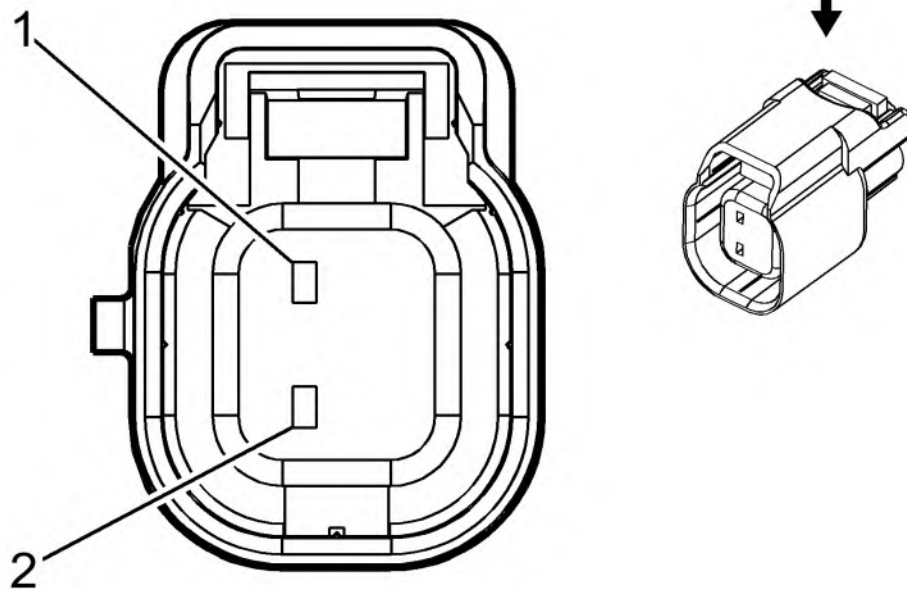
- Harness Type: Driver Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

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-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	BN/BU	118	Left Front Speaker Signal (-)	I	UQA
2	1.5	BU	201	Left Front Speaker Control (+)	I	UQA

P19AG SPEAKER - LEFT FRONT DOOR (UZ6)



Connector Part Information

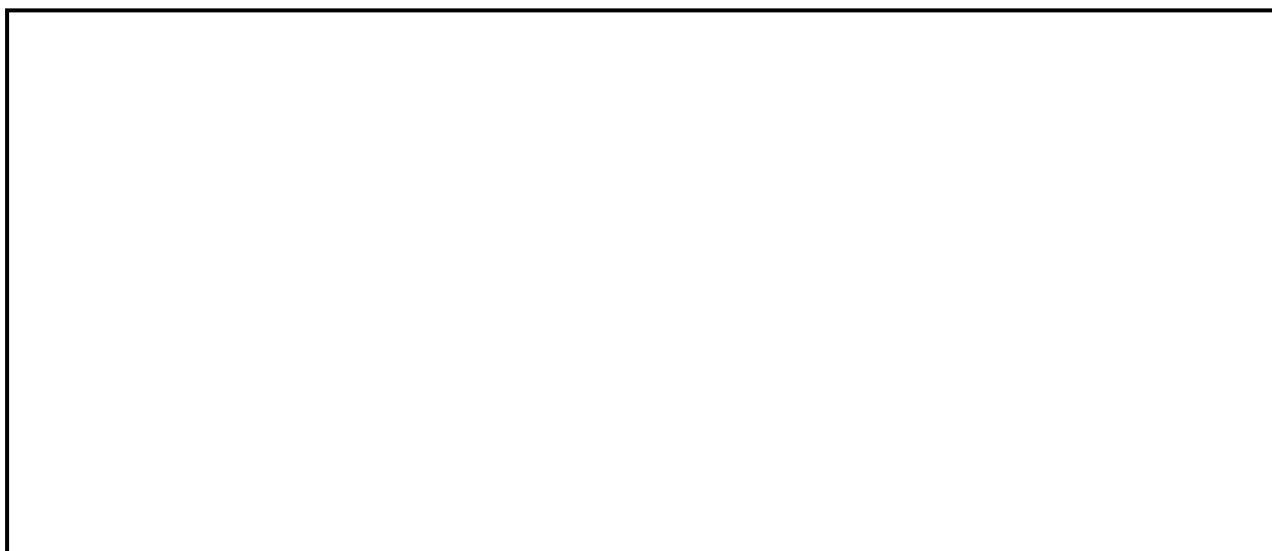
- Harness Type: Driver Door
- OEM Connector: 34062-0046
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

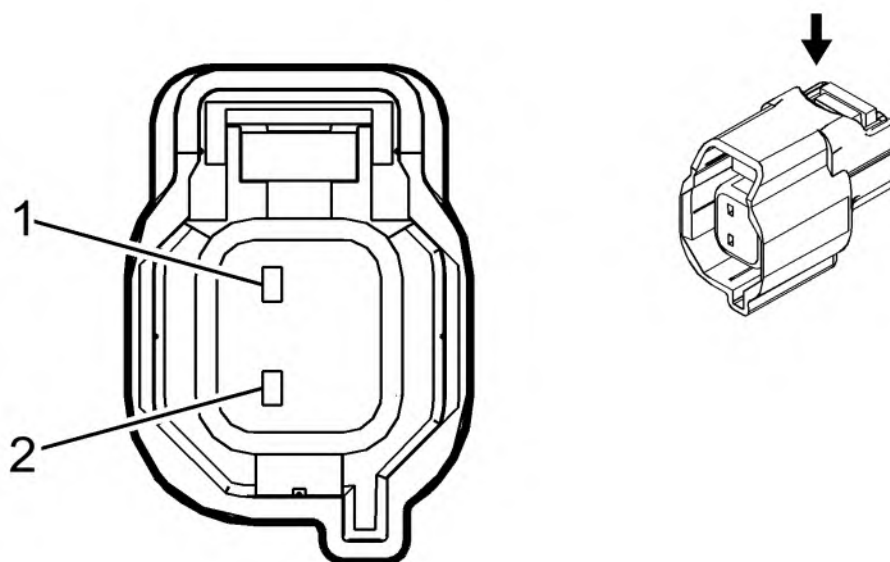
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN/BU	118	Left Front Speaker Signal (-)	I	UZ6
2	0.75	BU	201	Left Front Speaker Control (+)	I	UZ6

P19AH SPEAKER - RIGHT FRONT DOOR (UQA)





Connector Part Information

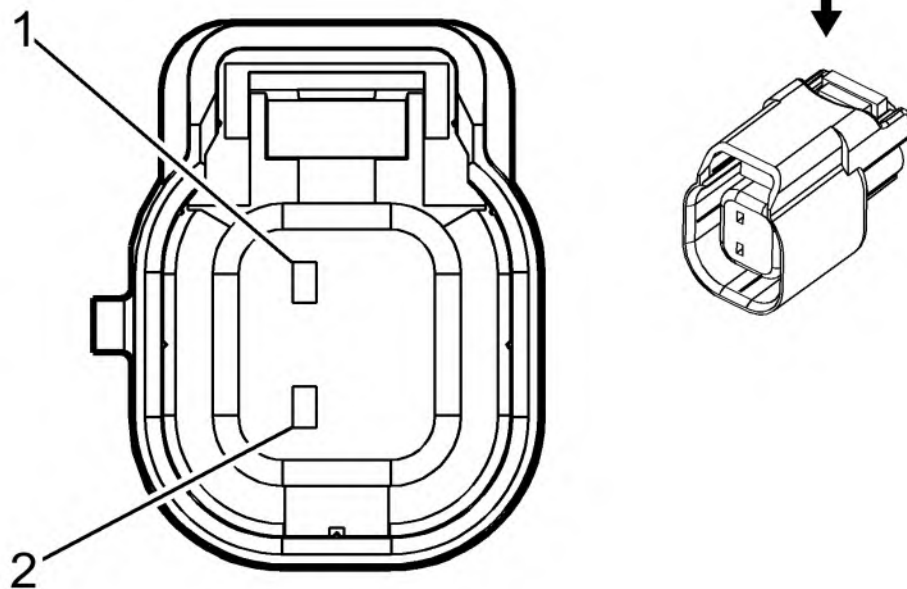
- Harness Type: Passenger Door
- OEM Connector: 34062-0022
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (L-GY)

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-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	YE/BK	117	Right Front Speaker Signal (-) 1	I	UQA
2	1.5	YE	200	Right Front Speaker Control (+) 1	I	UQA

P19AH SPEAKER - RIGHT FRONT DOOR (UZ6)



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)

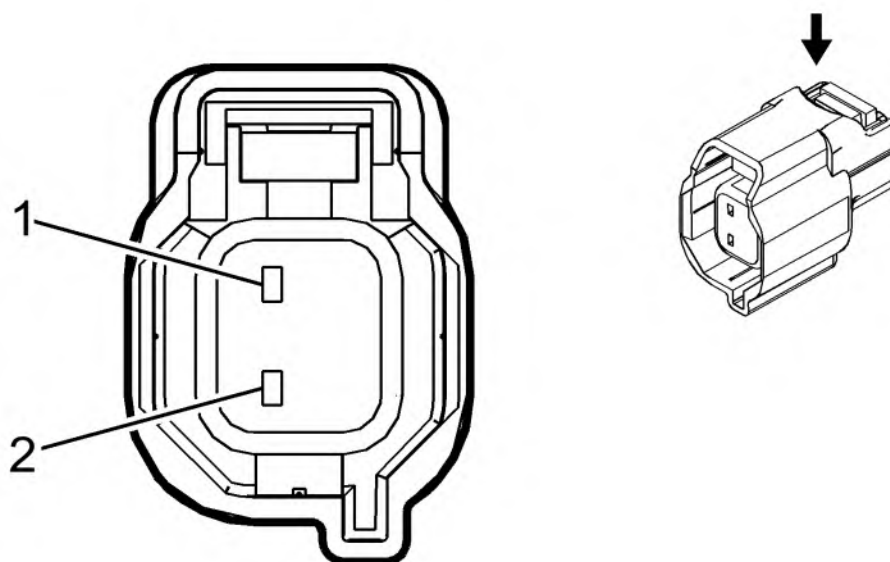
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	UZ6
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	UZ6

P19AL SPEAKER - LEFT REAR DOOR (UQA)





Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13582637
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

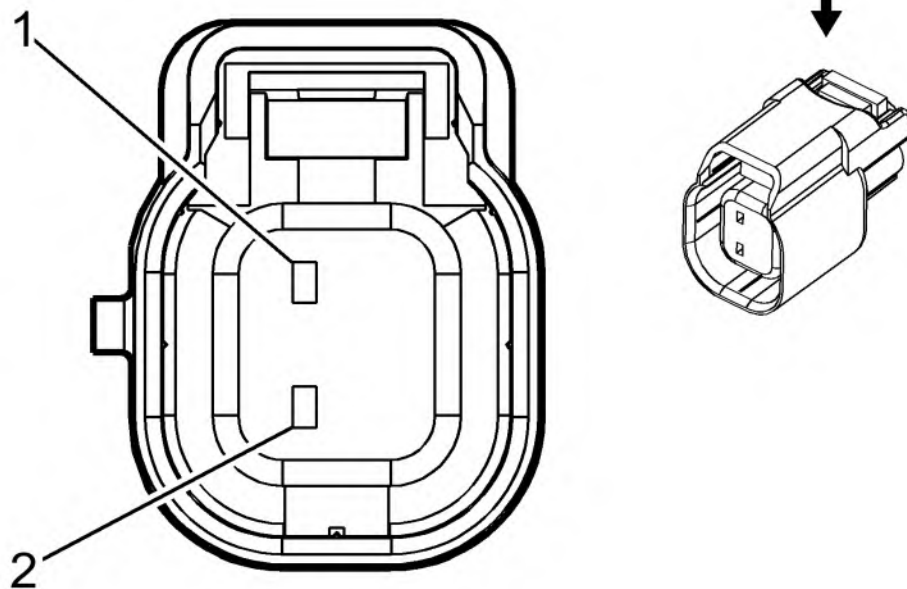
Terminal Part Information

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

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

P19AL SPEAKER - LEFT REAR DOOR (UZ6)





Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 13582919
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

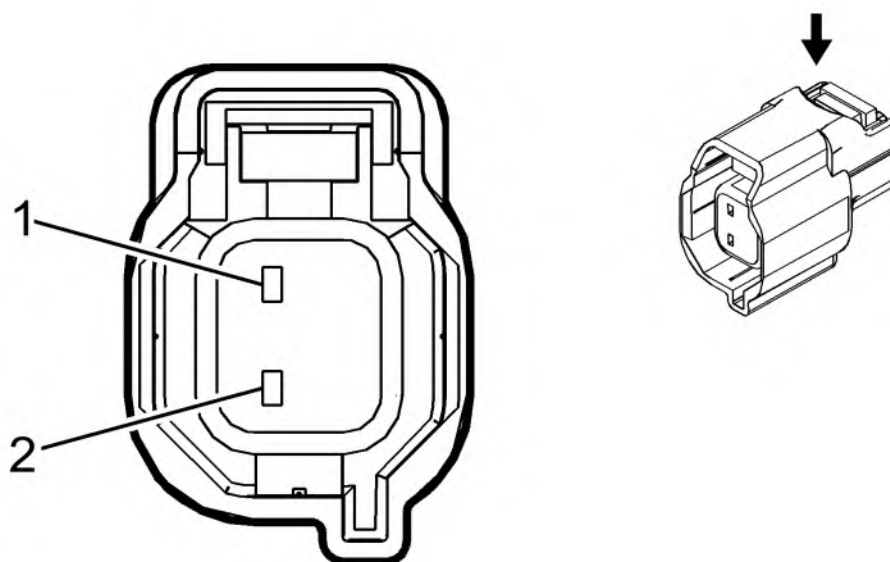
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UZ6
2	0.75	GN	199	Left Rear Speaker Control (+)	I	UZ6

P19AM SPEAKER - RIGHT REAR DOOR (UQA)





Connector Part Information

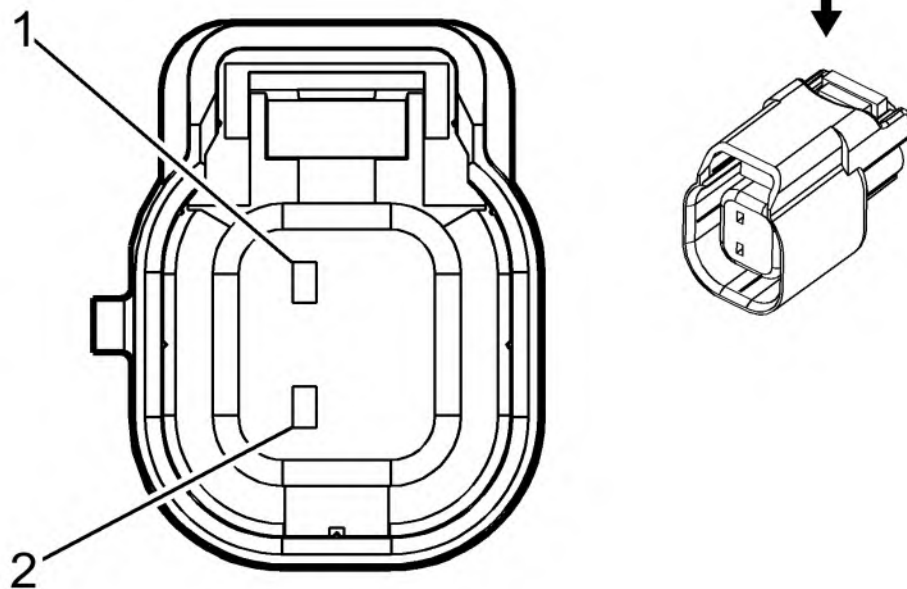
- Harness Type: Right Rear Door
- OEM Connector: 13582637
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

Terminal Part Information

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

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

P19AM SPEAKER - RIGHT REAR DOOR (UZ6)



Connector Part Information

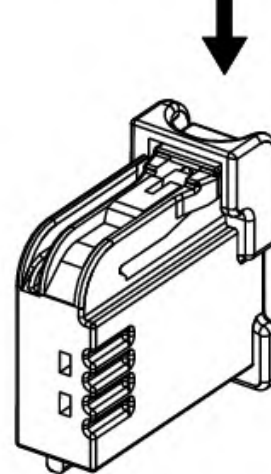
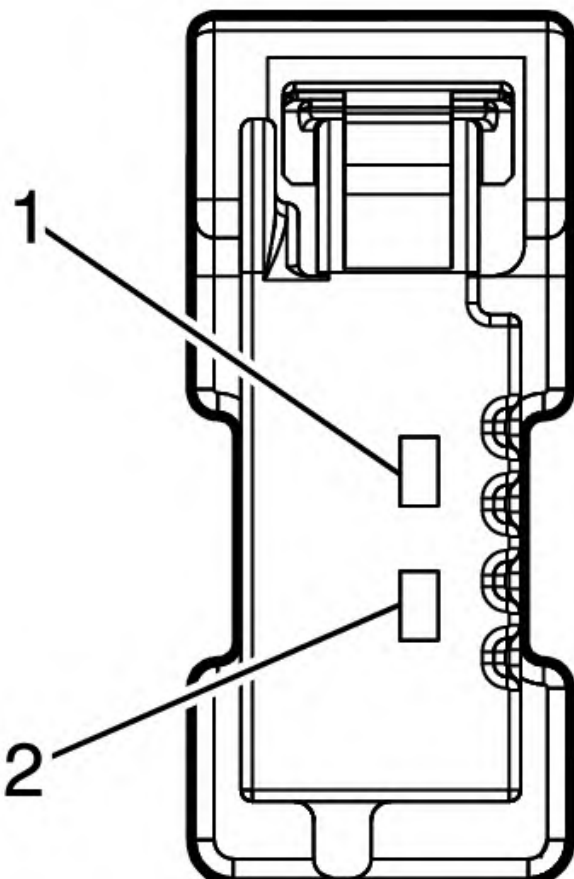
- Harness Type: Right Rear Door
- OEM Connector: 13582919
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

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-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	UZ6
2	0.75	WH	46	Right Rear Speaker Control (+)	I	UZ6

P19B SPEAKER - CENTER INSTRUMENT PANEL (UQA)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19150056
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

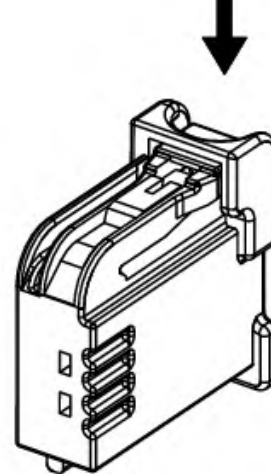
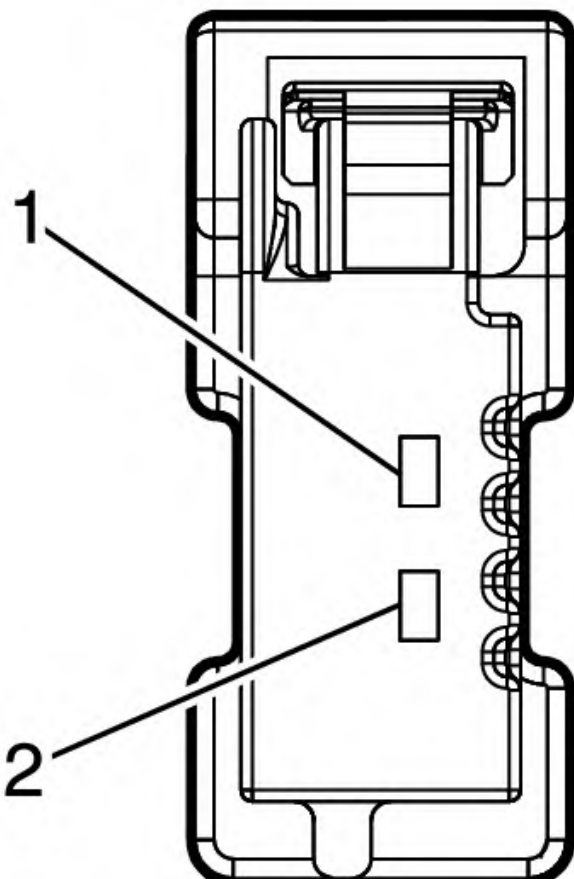
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/YE	1960	Front Center Speaker (-) Low Reference	I	-
2	0.75	YE/WH	1860	Front Center Speaker Control (+)	I	-

P19J SPEAKER - LEFT INSTRUMENT PANEL (UQA)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19150056
- Service Connector: 13314097
- Description: 2-Way F 1.5 Series (GY)

Terminal Part Information

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

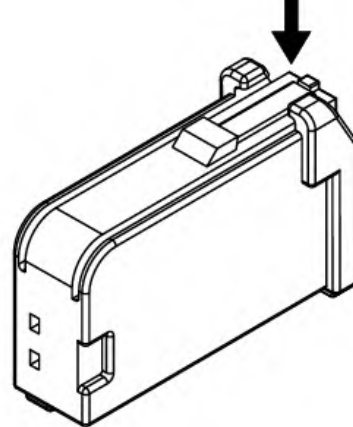
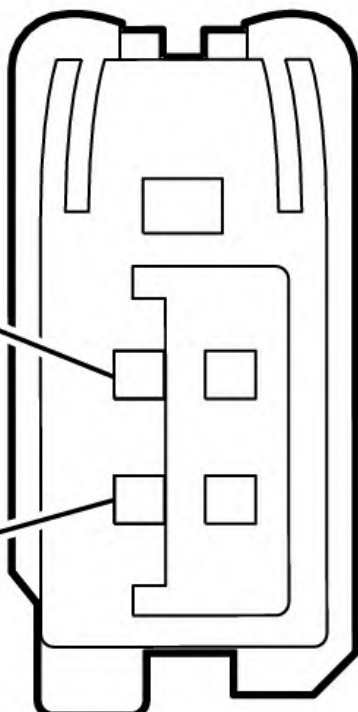
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	YE/GY	1956	Left Front Tweeter Speaker (-) Low Reference	I	-
2	0.75	YE/BU	1856	Left Front Tweeter Speaker Control (+)	I	-

P19J SPEAKER - LEFT INSTRUMENT PANEL (UZ6)



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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13585901
- 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	-