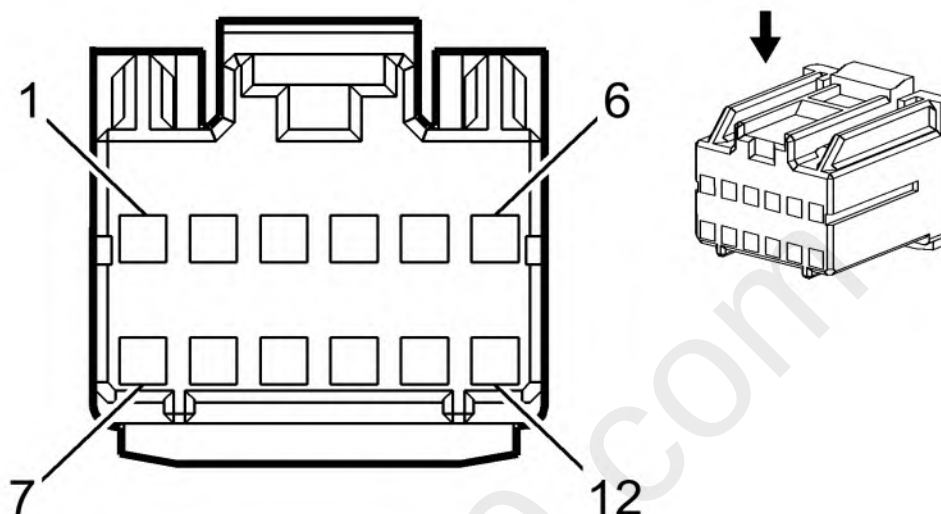


2017 ELECTRICAL**Wiring Systems and Power Management - Component Locator - Component Connector
End Views (Buick) - Encore****COMPONENT CONNECTOR END VIEWS (BUICK)****K73 TELEMATICS COMMUNICATION INTERFACE CONTROL MODULE X2****Connector Part Information**

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

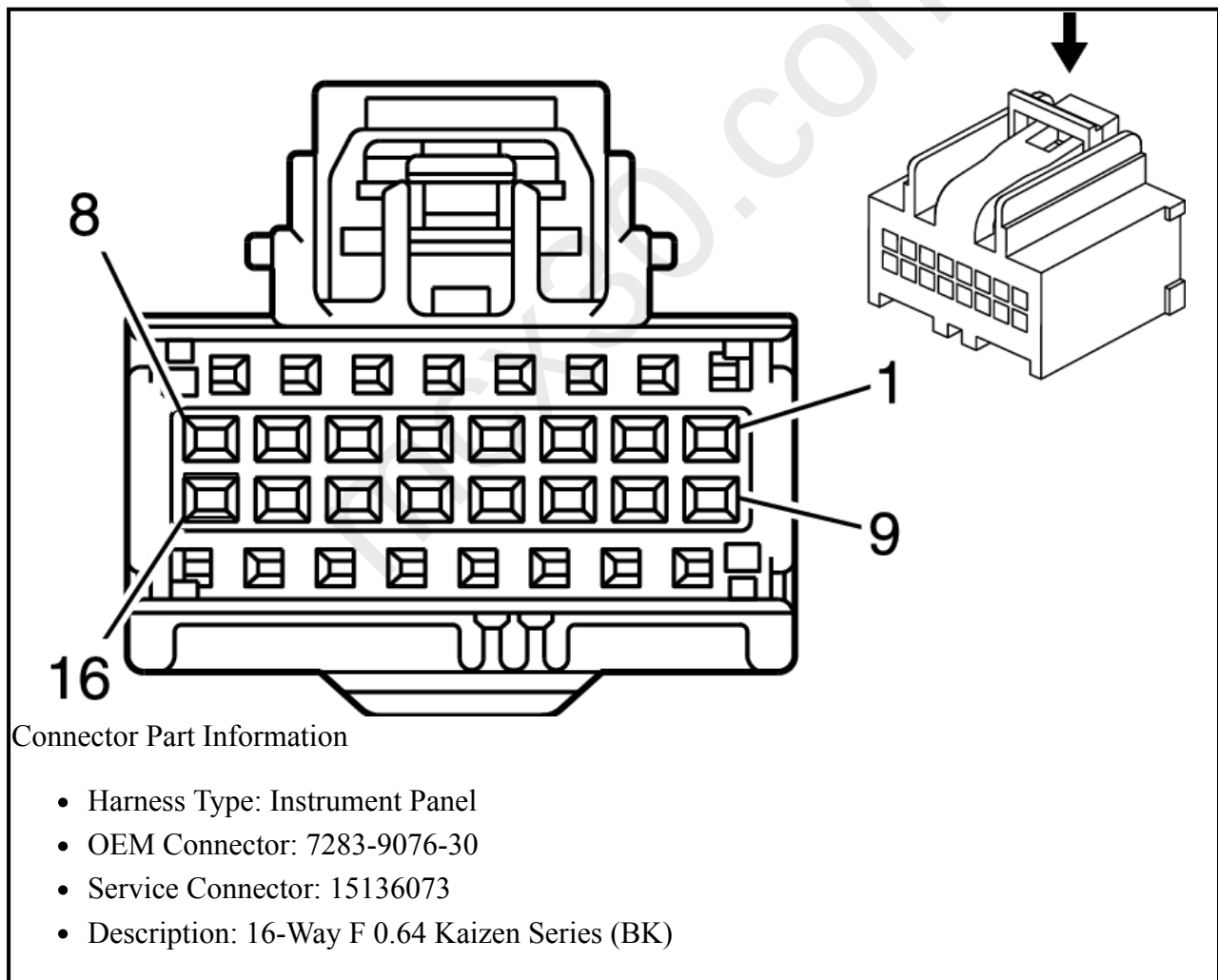
Terminal Part Information

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
II	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	658	Cellular Telephone Voice Signal	I	-
2	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	I	-
3	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	I	-
5	- 0.5	/ BK	BARE 2550	Bare Ground	II I	- IP1/UKS/IOD/IO5/IO6+UE1
6	0.35	GY/YE	5149	Voice Recognition Audio Signal	I	-
7	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
8	- 0.5	/ BK	BARE 2550	Bare Ground	II I	- IP1/UKS/IOD/IO5/IO6+UE1
9	0.35	BU	655	Cellular Telephone Microphone Signal	I	-
10	0.35	BK/BN	654	Cellular Telephone Microphone Low Reference	I	-
11	-	-	-	Not Occupied	-	-
12	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X1

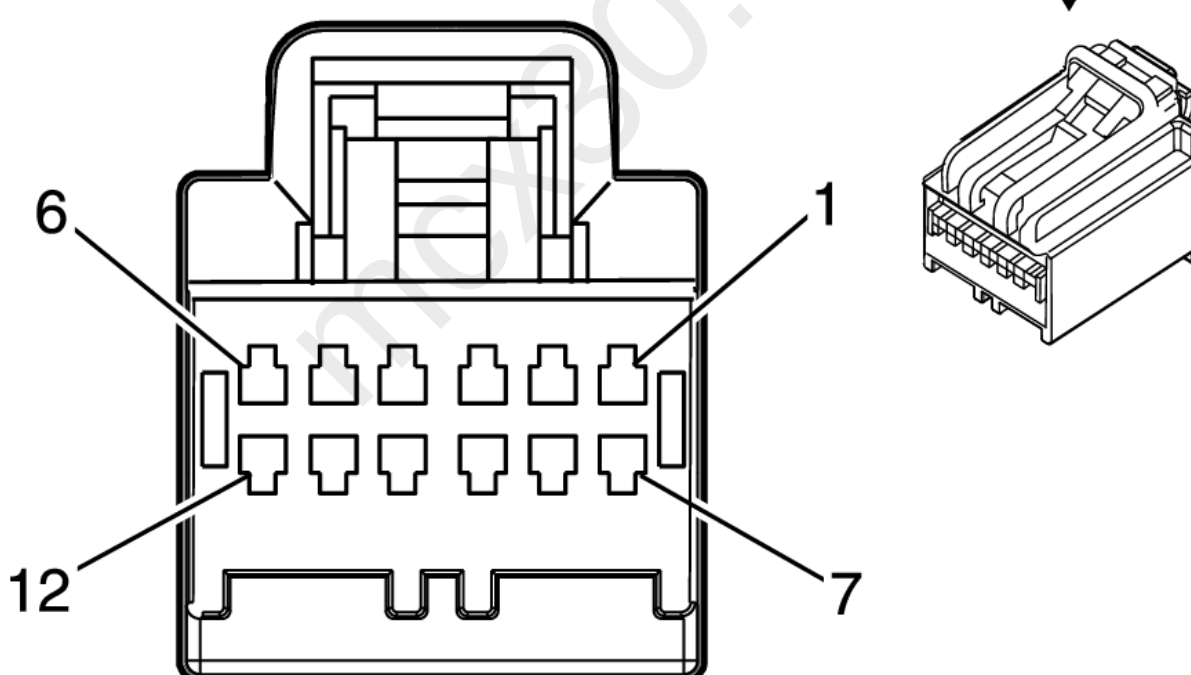


Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	GY/YE	5149	Voice Recognition Audio Signal	I	-
2	0.35	BK/GY	5152	Voice Recognition Audio Low Reference	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	WH/BU	5986	Serial Data Communication Enable	I	-
6	-	-	-	Not Occupied	-	-
7	0.75	RD/GY	642	Battery Positive Voltage	I	-
8	0.75	BK/WH	551	Signal Ground	I	-
9	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
13	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	-
14	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	-
15 - 16	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X2



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 31410-1121
- Service Connector: 19151154
- Description: 12-Way F 64 Series, Sealed (GY)

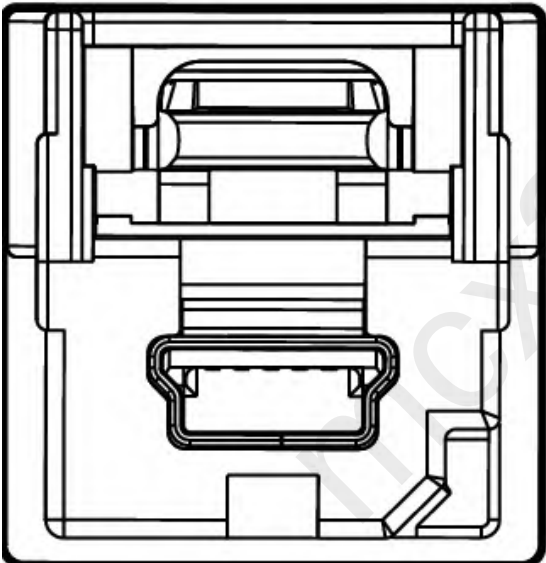
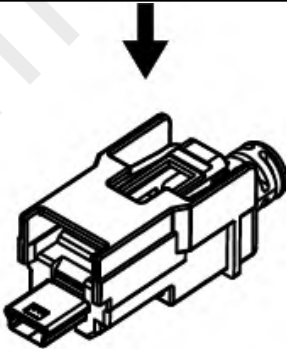
Terminal Part Information

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	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	3999	MOST Control	I	(IO5/IO6)+ (UQA/UQG)
2	0.35	WH/GN	3997	MOST Serial Data (-)	I	-
3	0.35	GY/VT	3998	MOST Serial Data (+)	I	-
4 - 7	-	-	-	Not Occupied	-	-
8	0.35	GY/VT	3998	MOST Serial Data (+)	I	(IO5/IO6)+ (UQA/UQG)
9	0.35	WH/GN	3997	MOST Serial Data (-)	I	(IO5/IO6)+ (UQA/UQG)
10 - 12	-	-	-	Not Occupied	-	-

K74 HUMAN MACHINE INTERFACE CONTROL MODULE X3 (USR/UST)

Connector Part Information

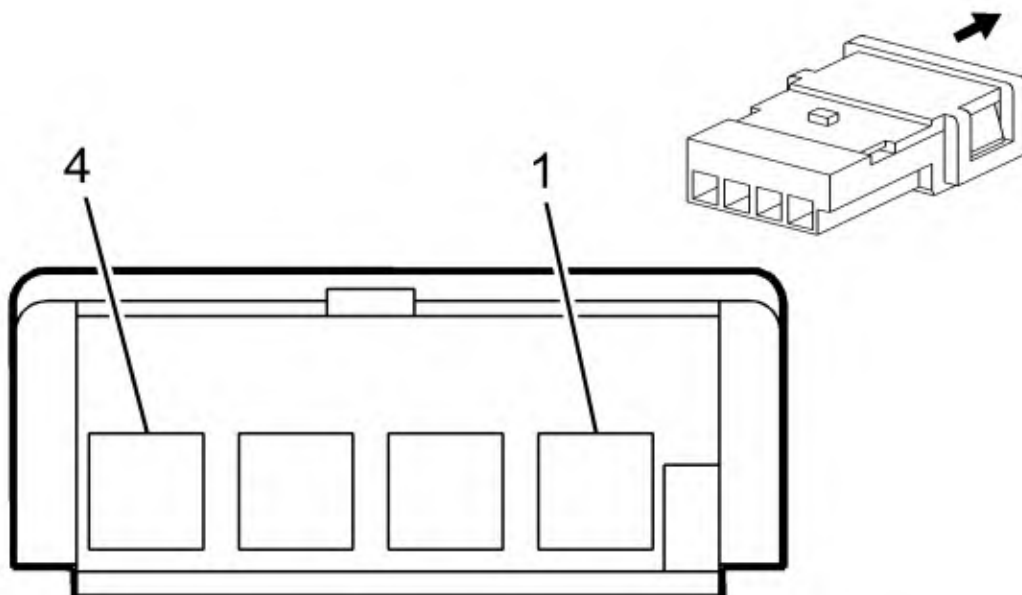
- Harness Type: Instrument Panel USB
- OEM Connector: 111014-9000
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

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
-	-	USB	-	USB Serial Data	I	-

K77 REMOTE CONTROL DOOR LOCK RECEIVER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 968943-1
- Service Connector: 13576534
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

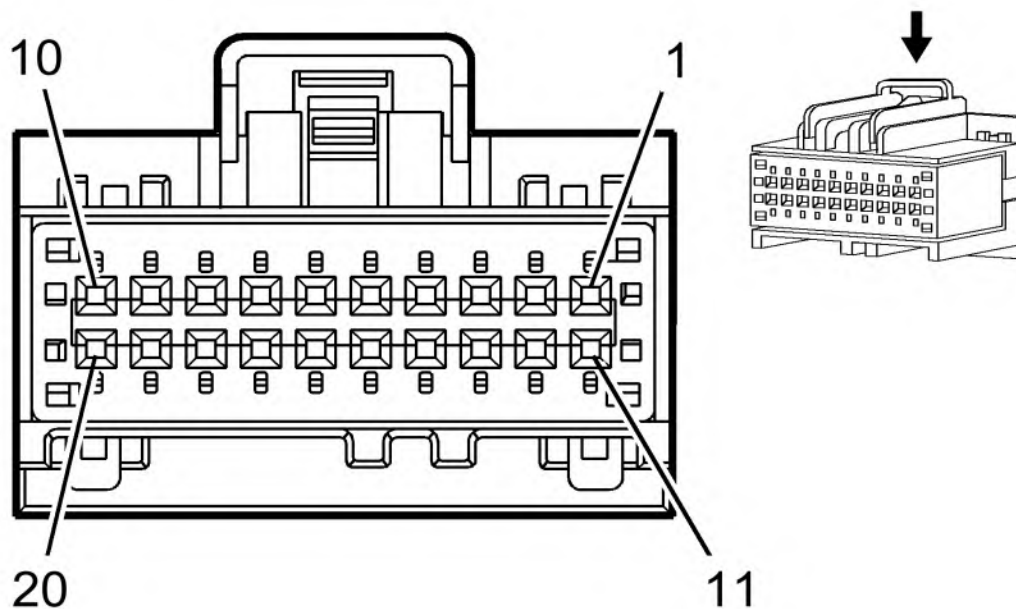
Terminal Part Information

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	GY	3273	Remote Function Actuator Low Reference	I	-
2	0.35	BU/WH	3275	Remote Function Actuator Receive Signal	I	-
3	0.35	YE/GN	3274	Remote Function Actuator Transmit Signal	I	-
4	0.35	GY/WH	3272	Remote Function Actuator Control	I	-

K84 KEYLESS ENTRY CONTROL MODULE X1





Connector Part Information

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

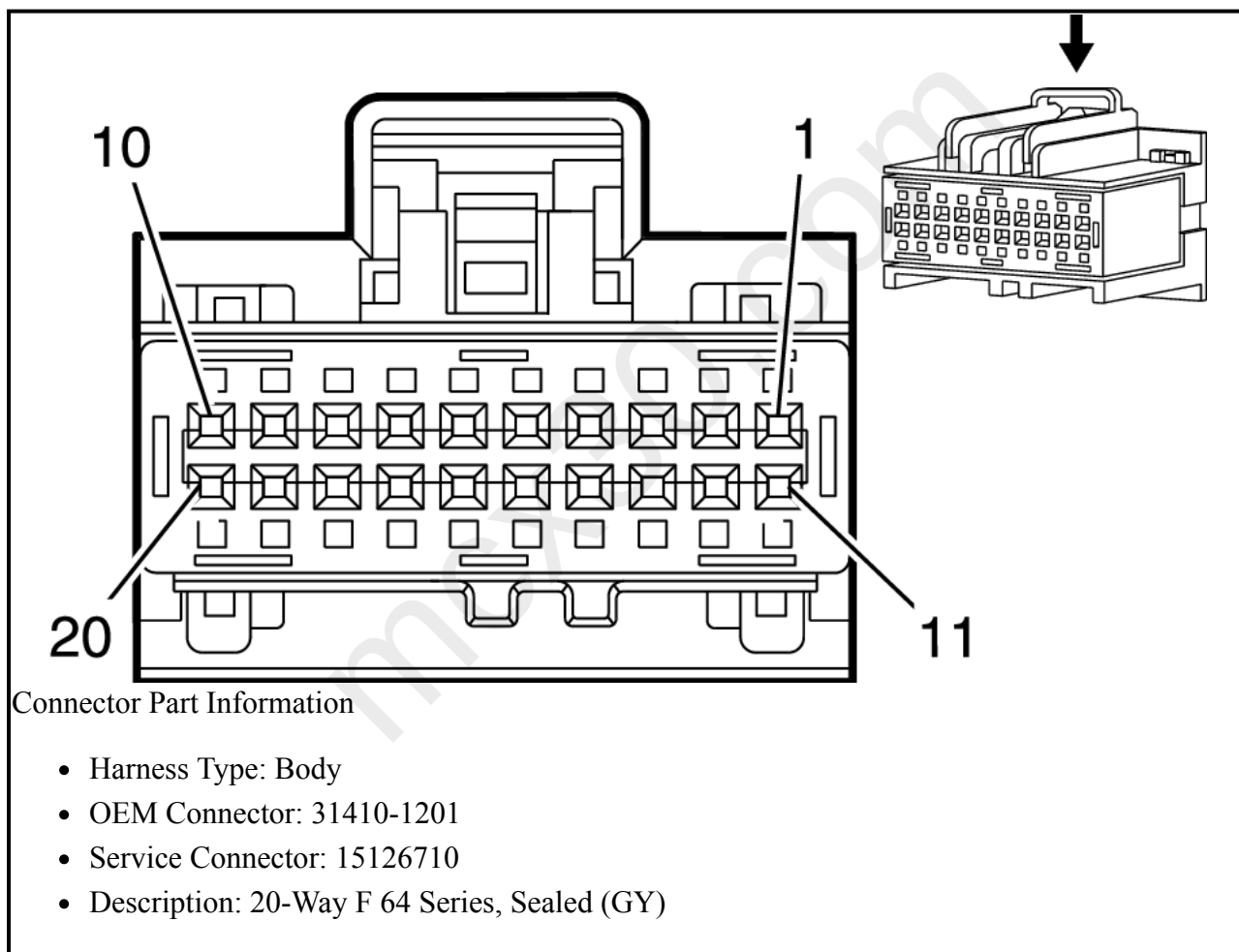
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	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	GN/VT	1601	Steering Column Lock Signal	I	N06
2	0.5	RD/VT	4040	Battery Positive Voltage	I	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	VT/YE	4	Accessory Ignition Voltage	I	-
6	-	-	-	Not Occupied	-	-
7	0.35	GY/GN	4083	RAP Relay 2 Coil Control	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	WH/YE	3574	Driver Door Open Switch Signal	I	N06
10	0.35	YE/BU	4086	Pushbutton Start Challenge Active Signal	I	-
11	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-
12	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
13	0.35	VT/BK	3	Run/Crank Ignition 1 Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.5	BK/WH	1151	Signal Ground	II	ATH
	0.5	BK	1150	Ground	I	UFT
15	0.35	GY/BK	3555	Passive Start Interior Antenna 2 Signal Lo	I	-
16	0.35	BN/BK	3552	Passive Start Interior Antenna 1 Signal Hi	I	-
17	0.35	WH	3553	Passive Start Interior Antenna 1 Signal Lo	I	-
18	0.35	WH/GN	3556	Passive Start Interior Antenna 3 Signal Hi	I	-
19	0.35	GN	3557	Passive Start Interior Antenna 3 Signal Lo	I	-
20	0.35	BU	3554	Passive Start Interior Antenna 2 Signal Hi	I	-

K84 KEYLESS ENTRY CONTROL MODULE X2



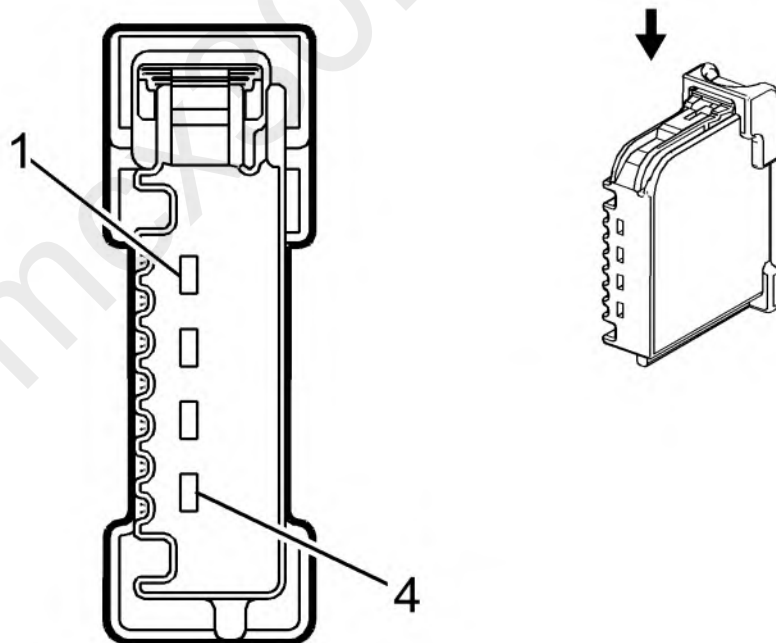
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575845	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	YE/GY	6158	Right Rear Door Handle Switch Signal	I	-
2	0.35	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3 - 5	-	-	-	Not Occupied	-	-
6	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
7	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
8	-	-	-	Not Occupied	-	-
9	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
10	-	-	-	Not Occupied	-	-
11	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
12	0.35	GN/WH	3570	Driver Door Handle Switch Signal	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	0.35	BN/GN	3568	Passive Entry Rear Closure Antenna Signal Hi	I	-
17	-	-	-	Not Occupied	-	-
18	0.35	GN/GY	3569	Passive Entry Rear Closure Antenna Signal Lo	I	-
19	-	-	-	Not Occupied	-	-
20	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-

K85 PASSENGER PRESENCE MODULE



Connector Part Information

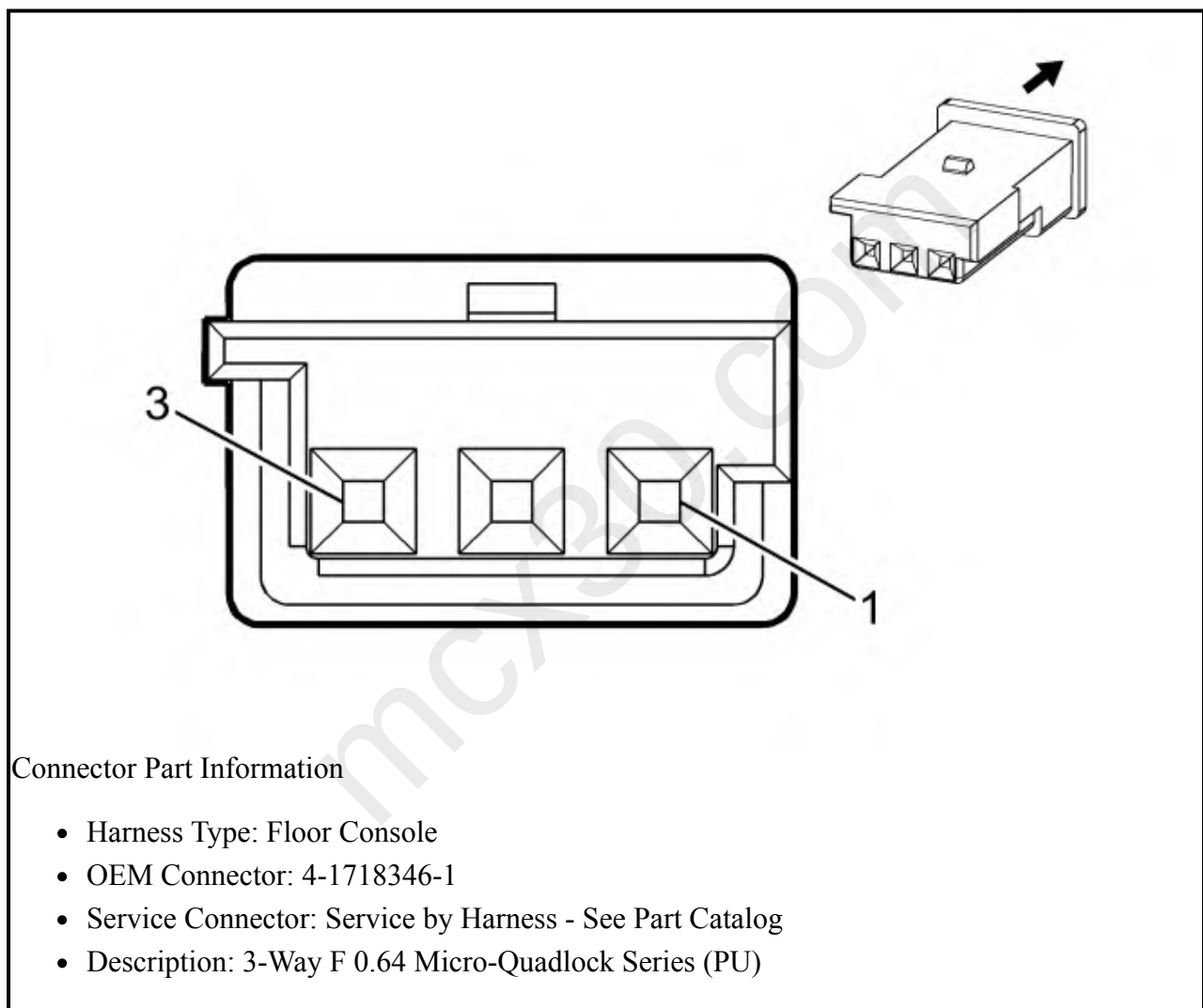
- Harness Type: Passenger Seat
- OEM Connector: 6098-5516
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.5 Series (BK)

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	0.35	BK/WH	3151	Signal Ground	I	OCS
2	-	-	-	Not Occupied	-	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	OCS
4	0.35	RD/YE	1802	Battery Positive Voltage	I	OCS

K89 IMMOBILIZER CONTROL MODULE (BTM)



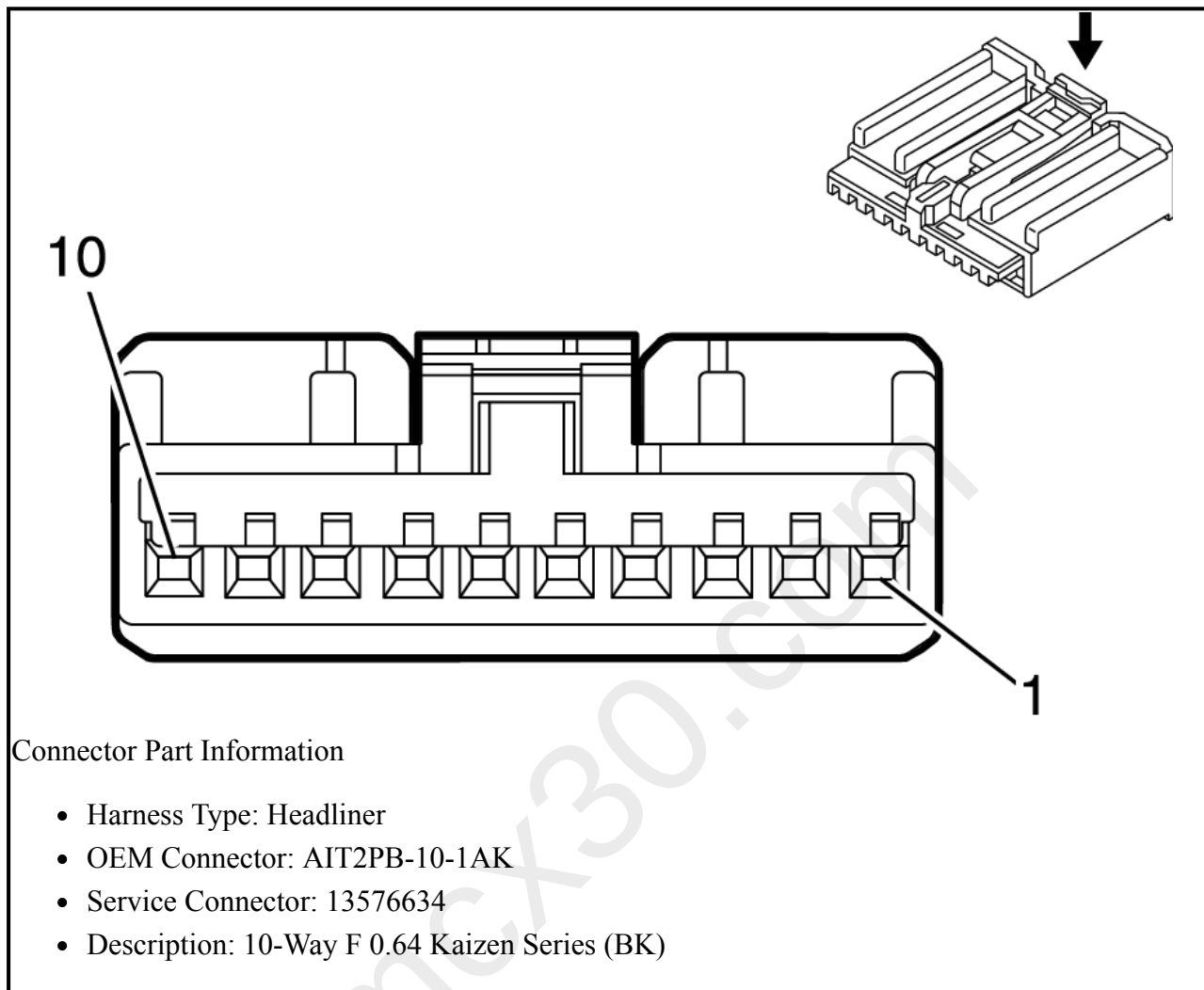
Terminal Part Information

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	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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	-

K109 FRONTVIEW CAMERA MODULE



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/WH	1751	Signal Ground	I	-
2	-	-	-	Not Occupied	-	-
3	0.5	RD/YE	1142	Battery Positive Voltage	I	-
4	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
5 - 6	-	-	-	Not Occupied	-	-
7	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
8 - 9	-	-	-	Not Occupied	-	-
10	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-

K166L MULTIFUNCTION LED CONTROL MODULE - LEFT HEADLAMP X1 (T4L)

Connector Part Information

- Harness Type: Main Internal Headlamp
- OEM Connector: KH1300008-10
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-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	7538	Left Front DRL Control	I	-
2	-	RD	7538	Left Front DRL Control	I	-
3	-	VT/GY	709	Left Park Lamp Control	I	-
4	-	BU/WH	1314	Left Front Turn Signal Lamp Control	I	-
5	-	BU/WH	1314	Left Front Turn Signal Lamp Control	I	-
6	-	VT/BK	6568	Front Turn Lamp Feedback Signal	I	-
7	-	BK	1750	Ground	I	-
8	-	BK	1750	Ground	I	-

K166L MULTIFUNCTION LED CONTROL MODULE - LEFT HEADLAMP X2 (T4L)

Connector Part Information

- Harness Type: Main Internal Headlamp
- OEM Connector: KH1300008-20
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-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	7538	Left Front DRL Control	I	-
2	-	BK	592	DRL Relay Control	I	-
3	-	YE	709	Left Park Lamp Control	I	-
	-	YE	7538	Left Front DRL Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	-	GN	592	DRL Relay Control	I	-
	-	GN	709	Left Park Lamp Control	I	-
5	-	BN	1314	Left Front Turn Signal Lamp Control	I	-
6	-	YE	709	Left Park Lamp Control	I	-
7	-	BU	1278	Lamp Monitor Data Request	I	-
	-	BK	1750	Signal Ground	I	-
8	-	WH	1279	Lamp Monitor Data Request	I	-
	-	BK	1750	Signal Ground	I	-

K166R MULTIFUNCTION LED CONTROL MODULE - RIGHT HEADLAMP X1 (T4L)

-
Connector Part Information
• Harness Type: Main Internal Headlamp • OEM Connector: KH1300008-10 • Service Connector: Service by Harness - See Part Catalog • Description: 8-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	7539	Right Front DRL Control	I	-
2	-	RD	7539	Right Front DRL Control	I	-
3	-	GY/BN	309	Right Park Lamp Control	I	-
4	-	GN/VT	1315	Right Front Turn Signal Lamp Control	I	-
5	-	GN/VT	1315	Right Front Turn Signal Lamp Control	I	-
6	-	WH/YE	7545	Right Front Turn Lamp Feedback Signal	I	-
7	-	BK	1850	Ground	I	-
8	-	BK	1850	Ground	I	-

K166R MULTIFUNCTION LED CONTROL MODULE - RIGHT HEADLAMP X2 (T4L)

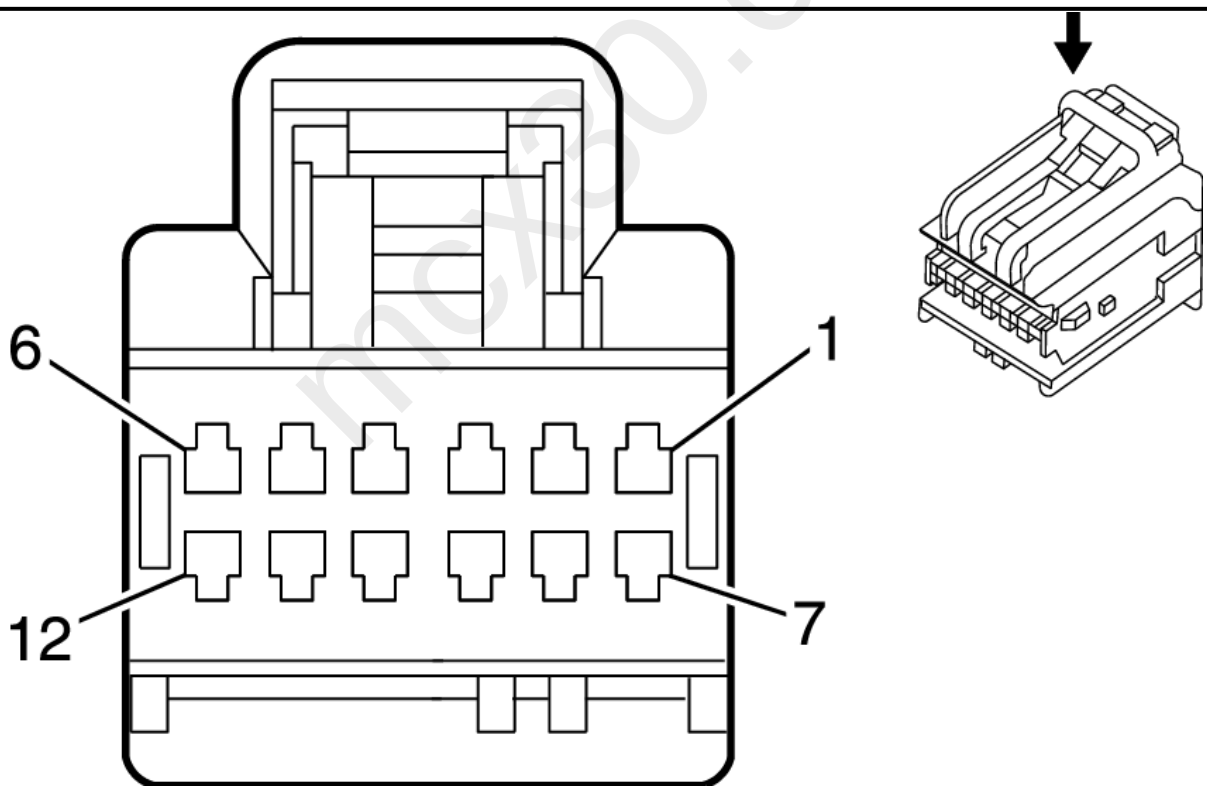
-
Connector Part Information
• Harness Type: Main Internal Headlamp • OEM Connector: KH1300008-20 • Service Connector: Service by Harness - See Part Catalog • Description: 8-Way

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	7539	Right Front DRL Control	I	-
2	-	BK	592	DRL Relay Control	I	-
3	-	YE	309	Right Park Lamp Control	I	-
	-	YE	7539	Right Front DRL Control	I	-
4	-	GN	309	Right Park Lamp Control	I	-
	-	GN	592	DRL Relay Control	I	-
5	-	BN	1315	Right Front Turn Signal Lamp Control	I	-
6	-	YE	309	Right Park Lamp Control	I	-
7	-	BU	1278	Lamp Monitor Data Request	I	-
	-	BK	1850	Signal Ground	I	-
8	-	WH	1279	Lamp Monitor Data Request	I	-
	-	BK	1850	Signal Ground	I	-

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)

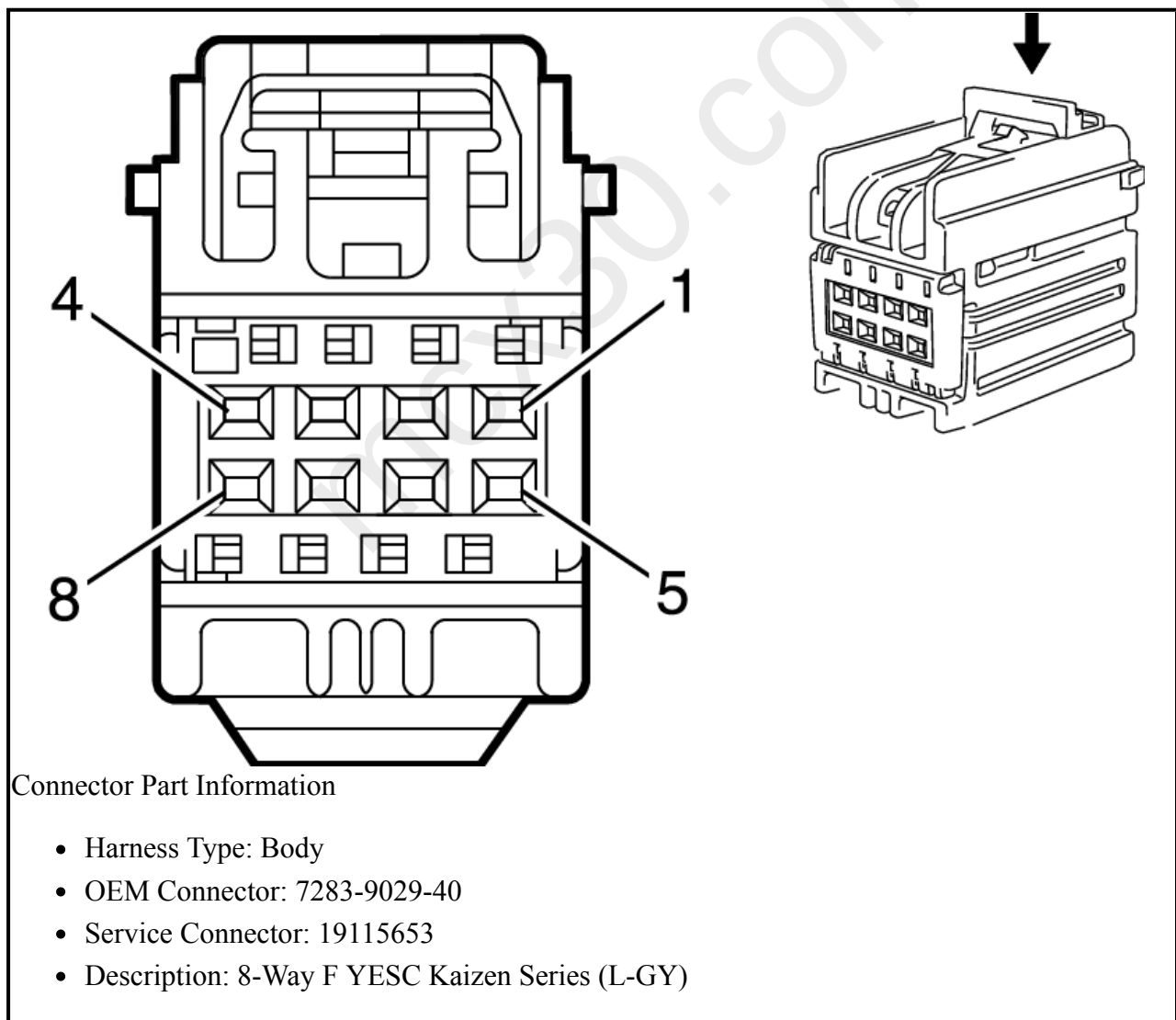
Terminal Part Information

--	--	--	--	--	--	--	--

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	0.5 0.35	RD/YE RD/YE	1142 1142	Battery Positive Voltage Battery Positive Voltage	I I	UD5+UFT UD5-UFT
2	-	-	-	Not Occupied	-	-
3	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	UD5
4 - 6	-	-	-	Not Occupied	-	-
7	0.5	BK/WH	1551	Signal Ground	I	-
8	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	UD5
9	0.35	GN	5060	Low Speed GMLAN Serial Data	I	UD5
10 - 12	-	-	-	Not Occupied	-	-

K182 PARKING ASSIST CONTROL MODULE X2



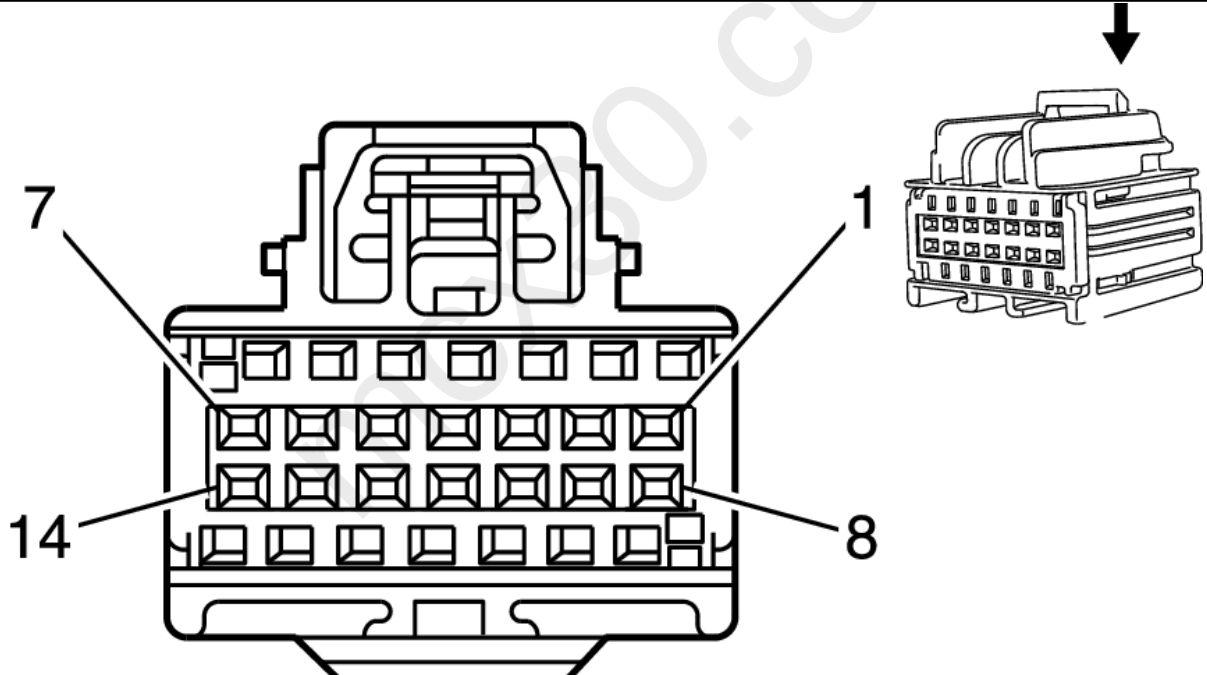
Terminal Part Information

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

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

K182 PARKING ASSIST CONTROL MODULE X3



Connector Part Information

- Harness Type: Body
- OEM Connector: 7283-9068-90
- Service Connector: 15127038
- 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
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
2 - 3	-	-	-	Not Occupied	-	-
4	0.35	VT/WH	5215	Front Parking Left Corner Sensor	I	UD5
5	0.35	YE/GY	5216	Front Parking Left Mid Sensor	I	UD5
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	BK/BU	5214	Front Parking Sensor Low Reference	I	UD5
9 - 10	-	-	-	Not Occupied	-	-
11	0.35	WH/GY	5217	Front Parking Right Corner Sensor	I	UD5
12	0.35	VT/GY	5218	Front Parking Right Mid Sensor	I	UD5
13 - 14	-	-	-	Not Occupied	-	-

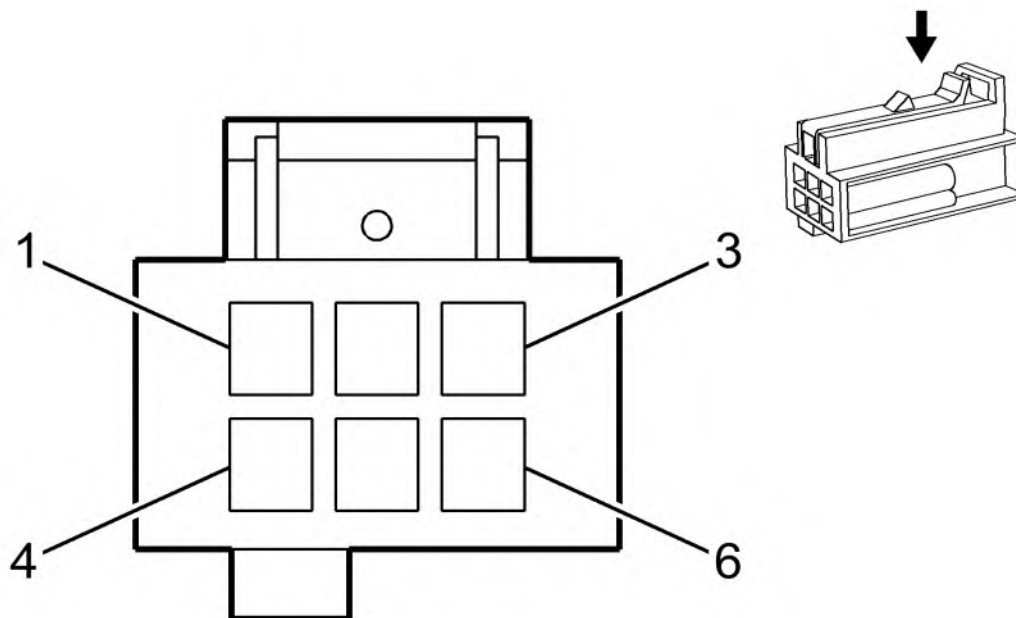
K189L HEADLAMP/CORNERING LAMP CONTROL MODULE - LEFT (T4L)

- Connector Part Information • Harness Type: Main Internal Headlamp • OEM Connector: 34690-0200 • Service Connector: Service by Harness - See Part Catalog • Description: 14-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/BN	712	Left Headlamp Low Beam Control	I	-
4	-	GN/GY	712	Left Headlamp Low Beam Control	I	-
5	-	BU/WH	711	Left Headlamp High Beam Control	I	-
6	-	BK	1750	Ground	I	-
7	-	BK	1750	Ground	I	-
8	-	BK	1750	Ground	I	-
10	-	BK/GY	1750	Ground	I	-
11	-	BK/BU	1750	Ground	I	-
12	-	BK/GN	5095	Module Temperature Low Reference 1	I	-
13	-	WH/BK	5094	Module Temperature Signal	I	-
14	-	GN/GY	712	Left Headlamp Low Beam Control	I	-
15	-	WH	6568	Front Turn Lamp Feedback Signal	I	-



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 965413-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

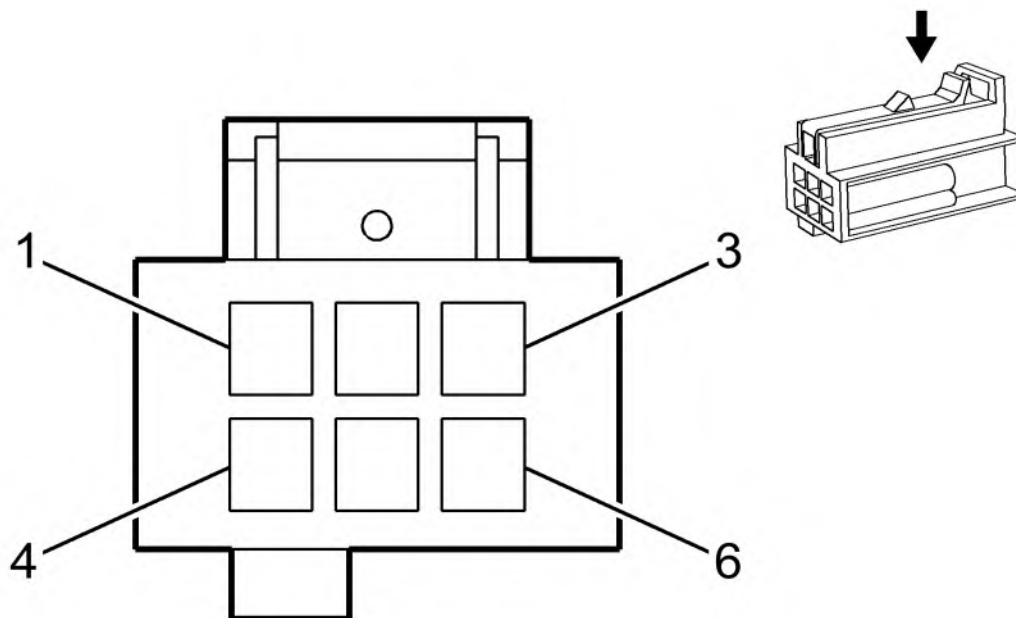
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN	5A	-	I	-
2	-	OG	3C	-	I	-
3	-	WH/PK	5B	-	I	-
4	-	GY/RD	5C	-	I	-
5	-	-	-	Not Occupied	-	-
6	-	RD/BK	5D	-	I	-

M6R AIR TEMPERATURE DOOR ACTUATOR - RIGHT (CJ2)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 965413-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

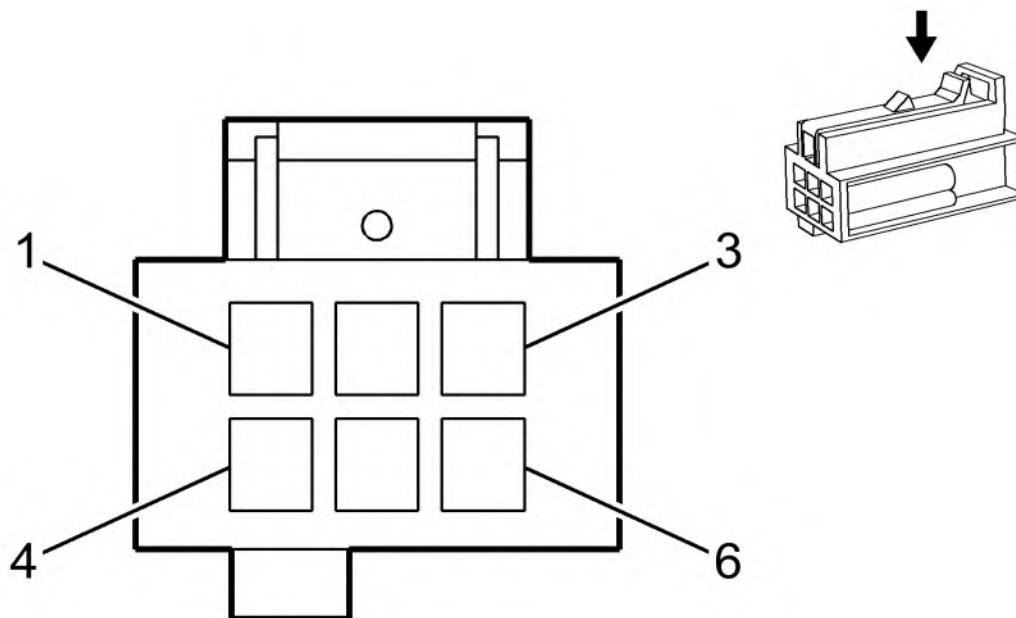
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE/BK	3181	Temp Door Stepper Motor Passenger Control 1	I	-
2	-	OG	3B	-	I	-
3	-	VT/BU	4B	-	I	-
4	-	GY/WH	4C	-	I	-
5	-	-	-	Not Occupied	-	-
6	-	YE/GY	4D	-	I	-

M6 AIR TEMPERATURE DOOR ACTUATOR (C67)





Connector Part Information

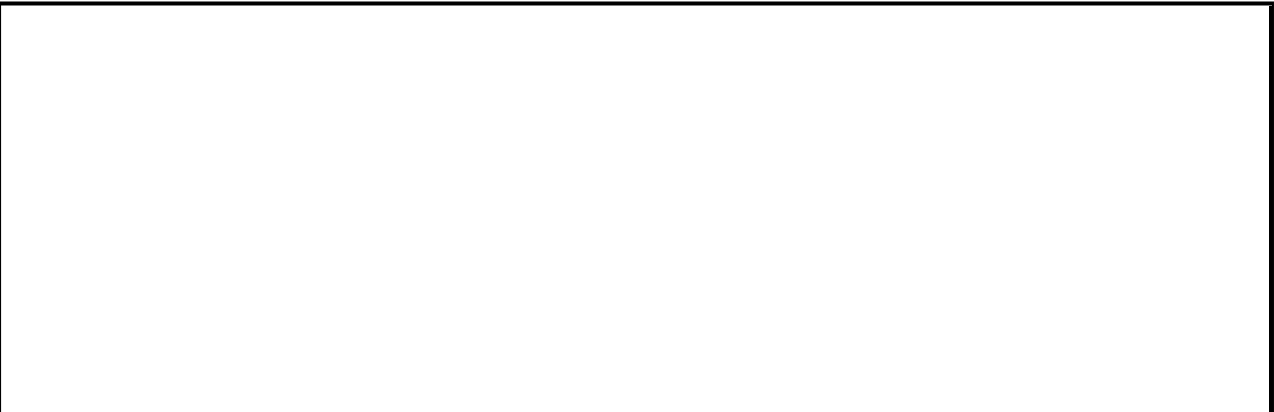
- Harness Type: HVAC
- OEM Connector: 965413-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

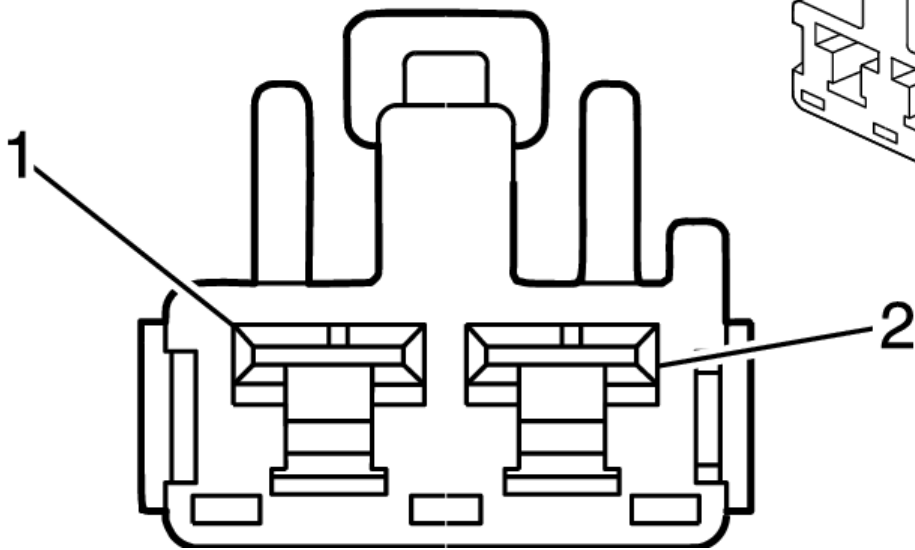
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	-
2	-	OG	3C	-	I	-
3	-	WH/PK	5B	-	I	-
4	-	GY/RD	5C	-	I	-
5	-	-	-	Not Occupied	-	-
6	-	RD/BK	5D	-	I	-

M8 BLOWER MOTOR (C41/C60)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 6098-0325
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F TS 187 Series (NA)

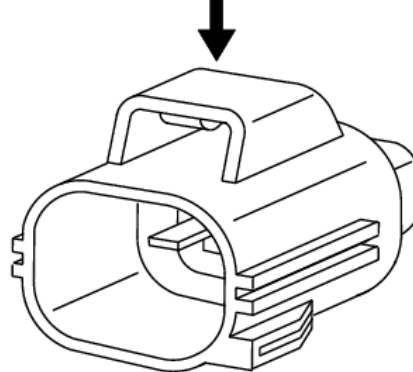
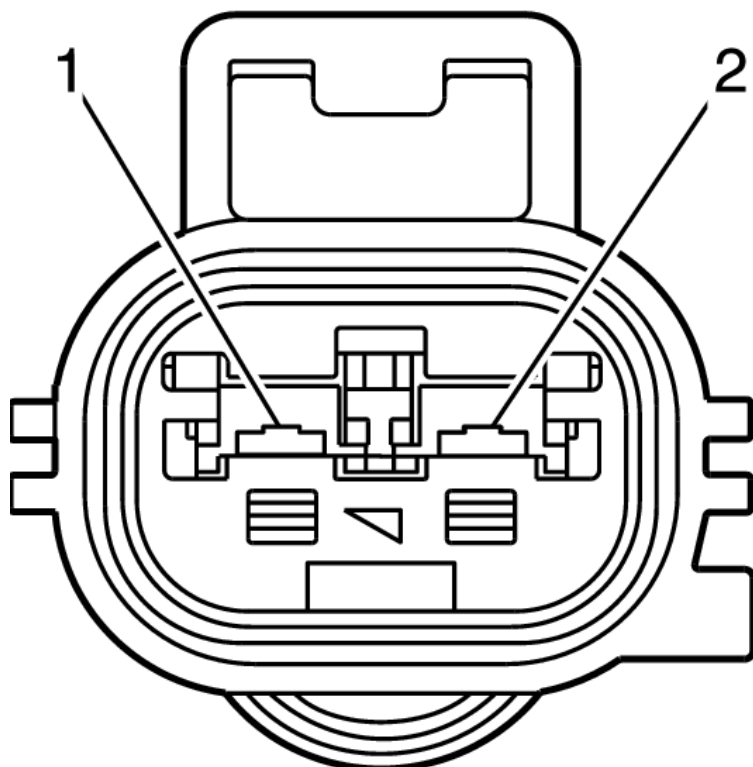
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	4	BK	2	Battery Positive Voltage	I	-
2	4	RD	1	Unfused Battery Positive Voltage	I	-

M9 BRAKE BOOSTER PUMP MOTOR





Connector Part Information

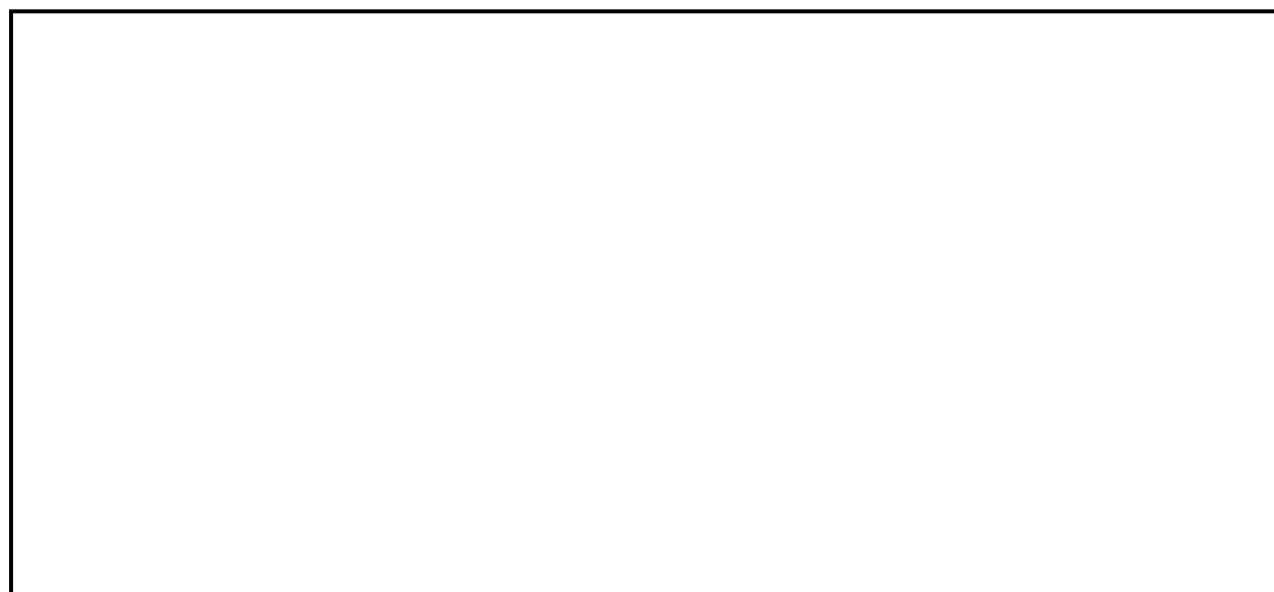
- Harness Type: Engine
- OEM Connector: 7282-5575-10
- Service Connector: 19115602
- Description: 2-Way M 2.8 Series, Sealed (D-GY)

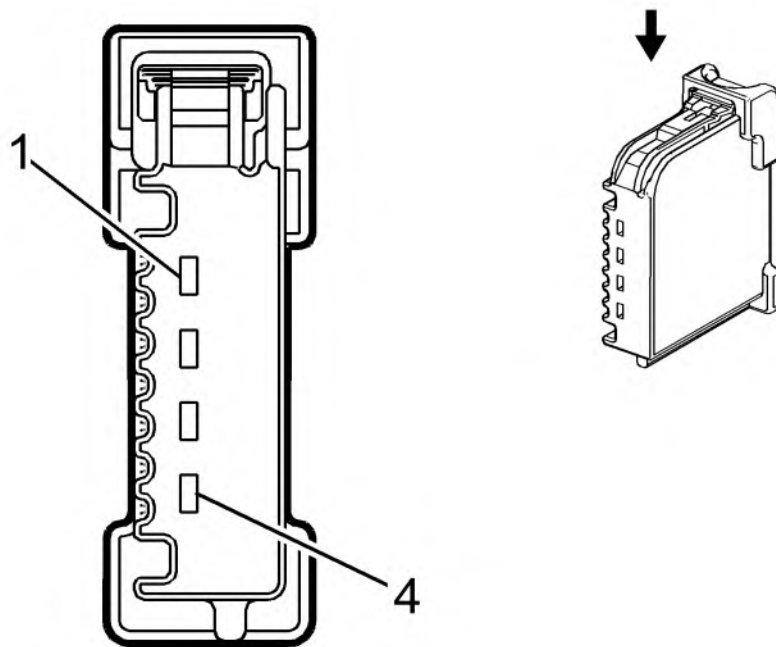
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	1.5	BN/VT	1470	Brake Booster Pump Motor Control	I	LUV
2	1.5	BK	50	Ground	I	LUV

M30 LIFTGATE LATCH





Connector Part Information

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

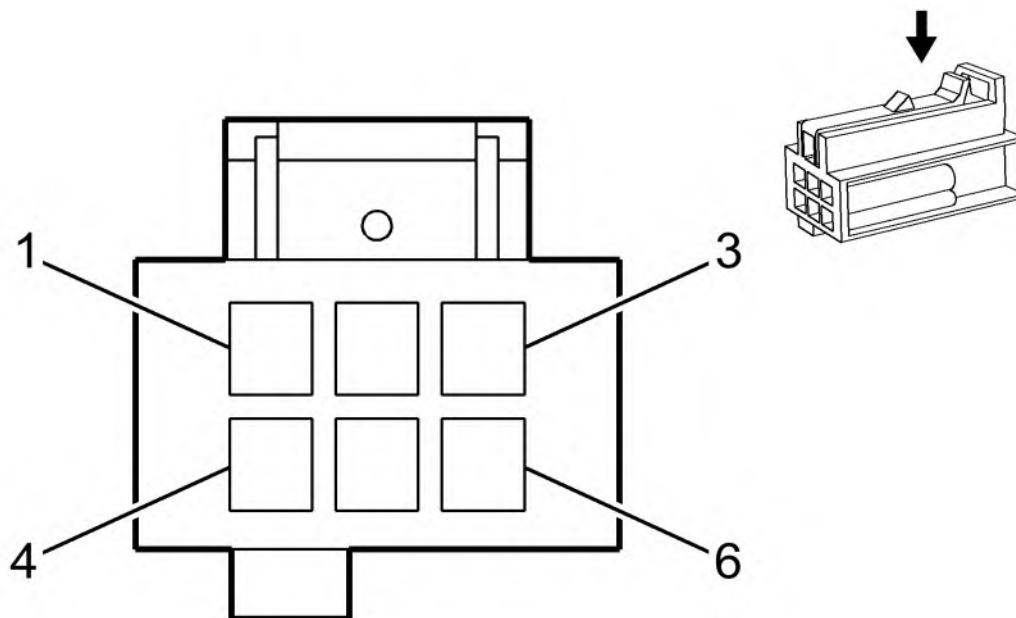
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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	1250	Ground	I	-
2	0.35	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	-	-

M37 MODE DOOR ACTUATOR (CJ2)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 965413-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

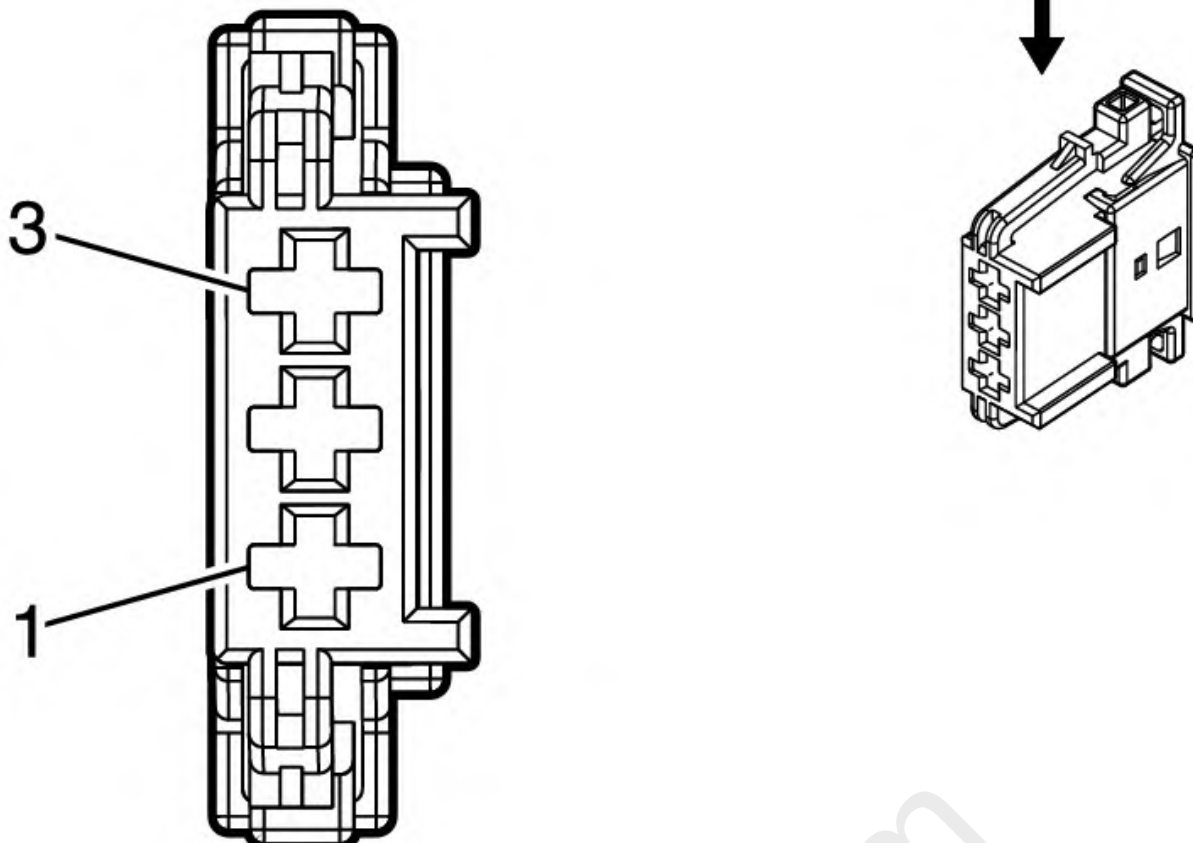
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	YE	6A	-	I	-
2	-	OG	3E	-	I	-
3	-	WH/RD	6B	-	I	-
4	-	GY/BN	6C	-	I	-
5	-	-	-	Not Occupied	-	-
6	-	GN/WH	6D	-	I	-

M45 REAR WIPER MOTOR





Connector Part Information

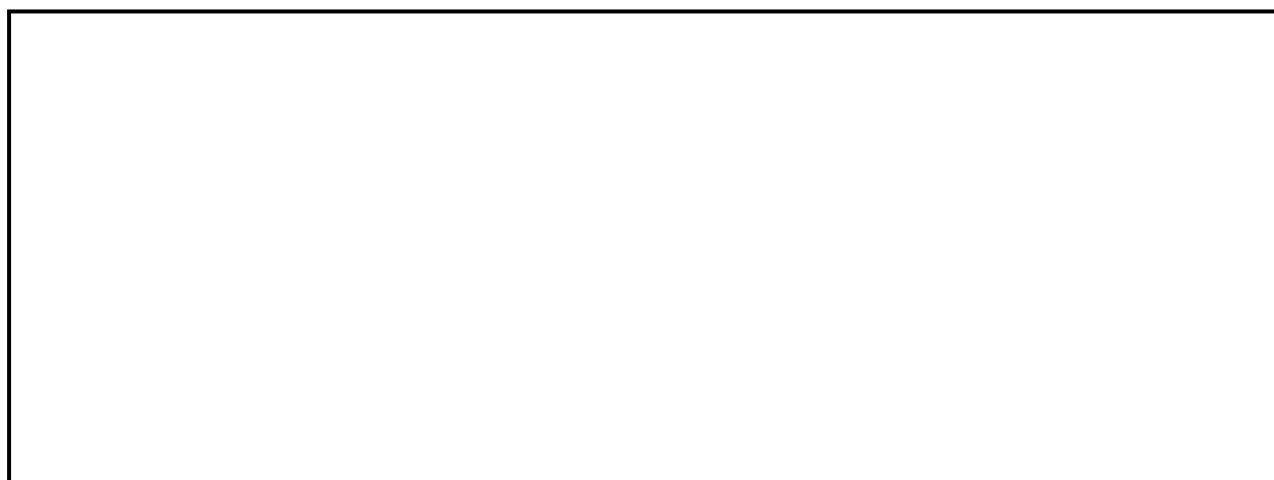
- Harness Type: Liftgate Jumper
- OEM Connector: 2109032-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 2.8 MCP Series (BK)

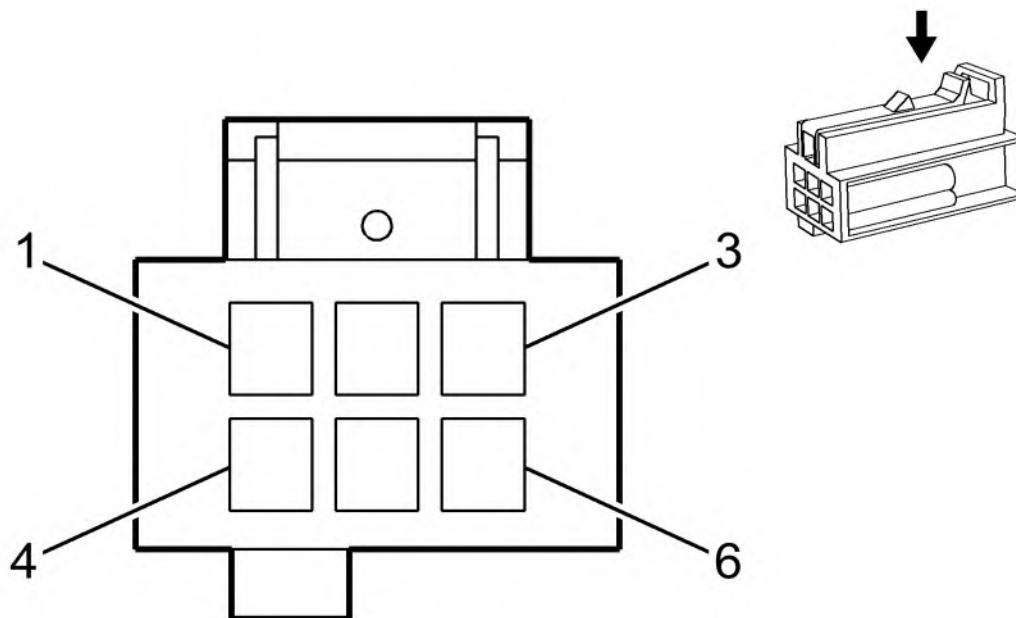
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (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	RD/BU	3940	Battery Positive Voltage	I	-
3	1	BK	1250	Ground	I	-

M46 AIR RECIRCULATION DOOR ACTUATOR (CJ2)





Connector Part Information

- Harness Type: HVAC
- OEM Connector: 965413-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

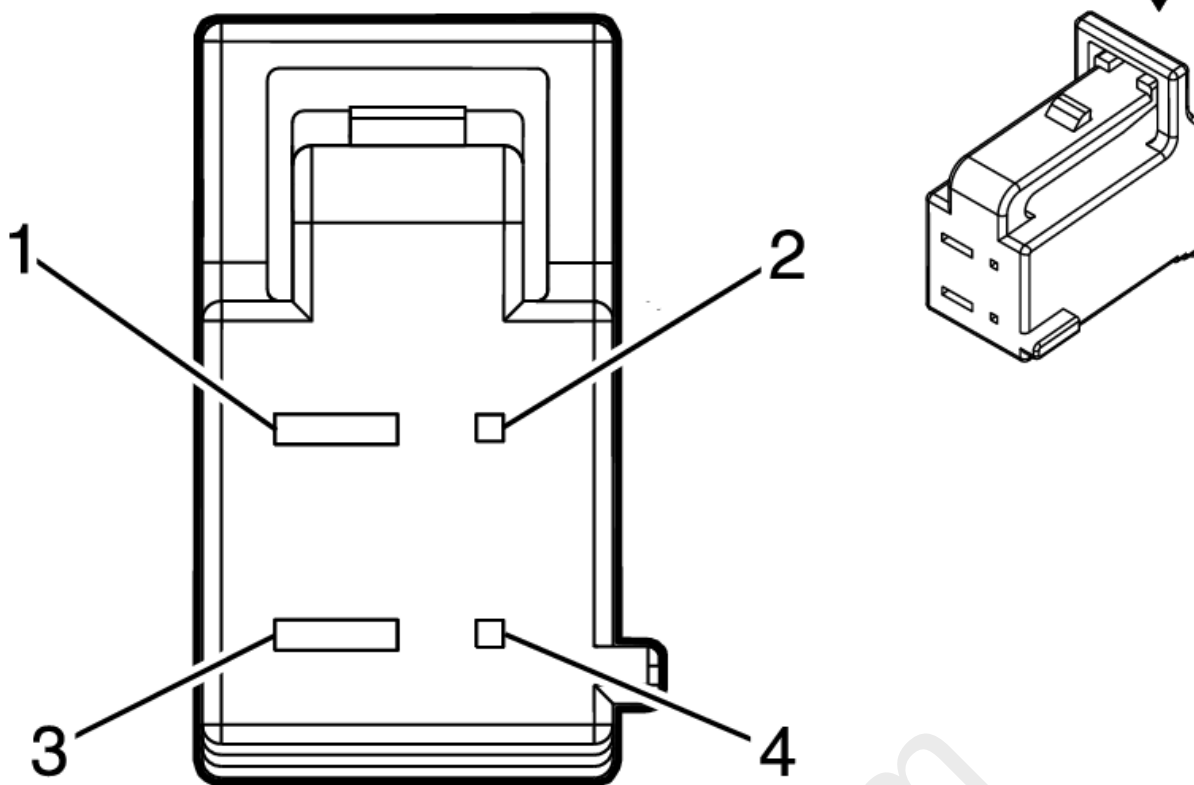
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY	2A	-	I	-
2	-	OG	3F	-	I	-
3	-	BU/WH	2B	-	I	-
4	-	BN/GN	2C	-	I	-
5	-	-	-	Not Occupied	-	-
6	-	RD/GN	2D	-	I	-

M50D SEAT FRONT VERTICAL MOTOR - DRIVER





Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

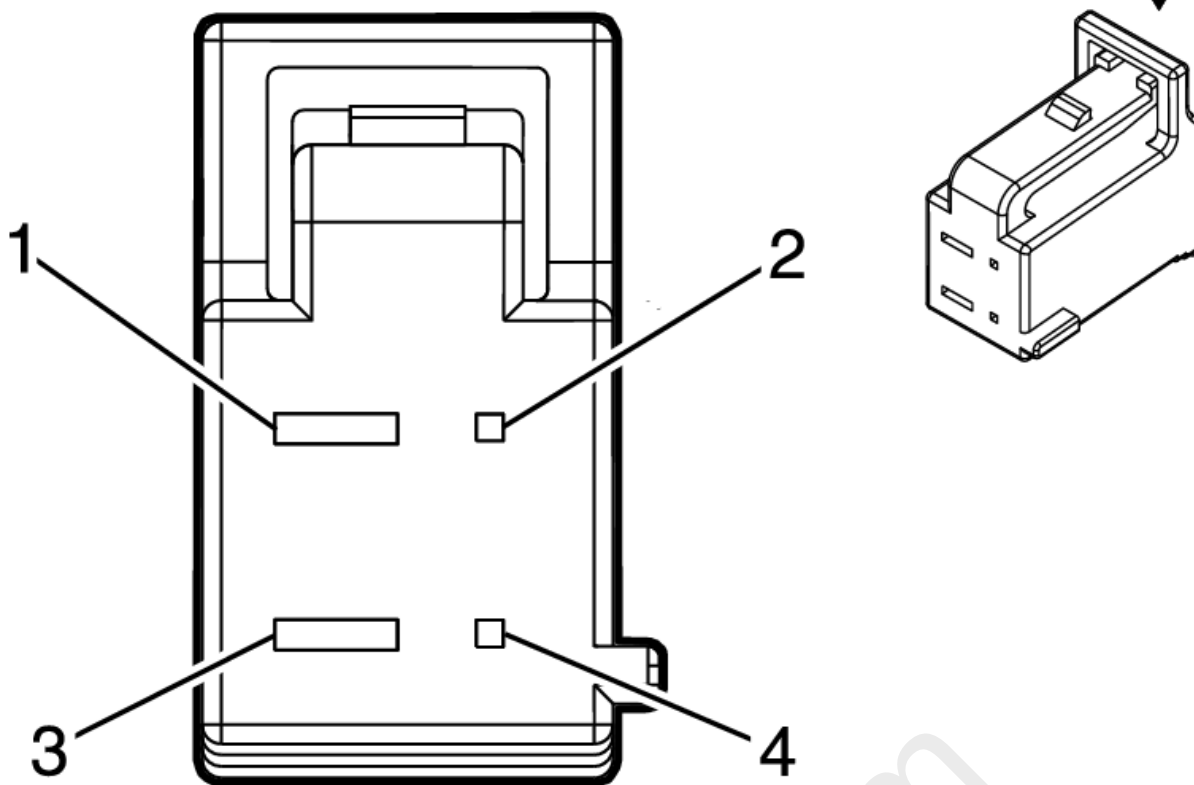
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GN/BN	286	Driver Power Seat Front Vertical Motor Up Control	I	-
2	-	WH/RD	3298	Memory Sensor High Reference 2	II	-
3	1.5	BU/VT	287	Driver Power Seat Front Vertical Motor Down Control	I	-
4	-	BN/WH	557	Memory Seat Front Vertical Motor Position Sensor Signal	II	-

M50P SEAT FRONT VERTICAL MOTOR - PASSENGER (AQ5)





Connector Part Information

- Harness Type: PASSENGER SEAT
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

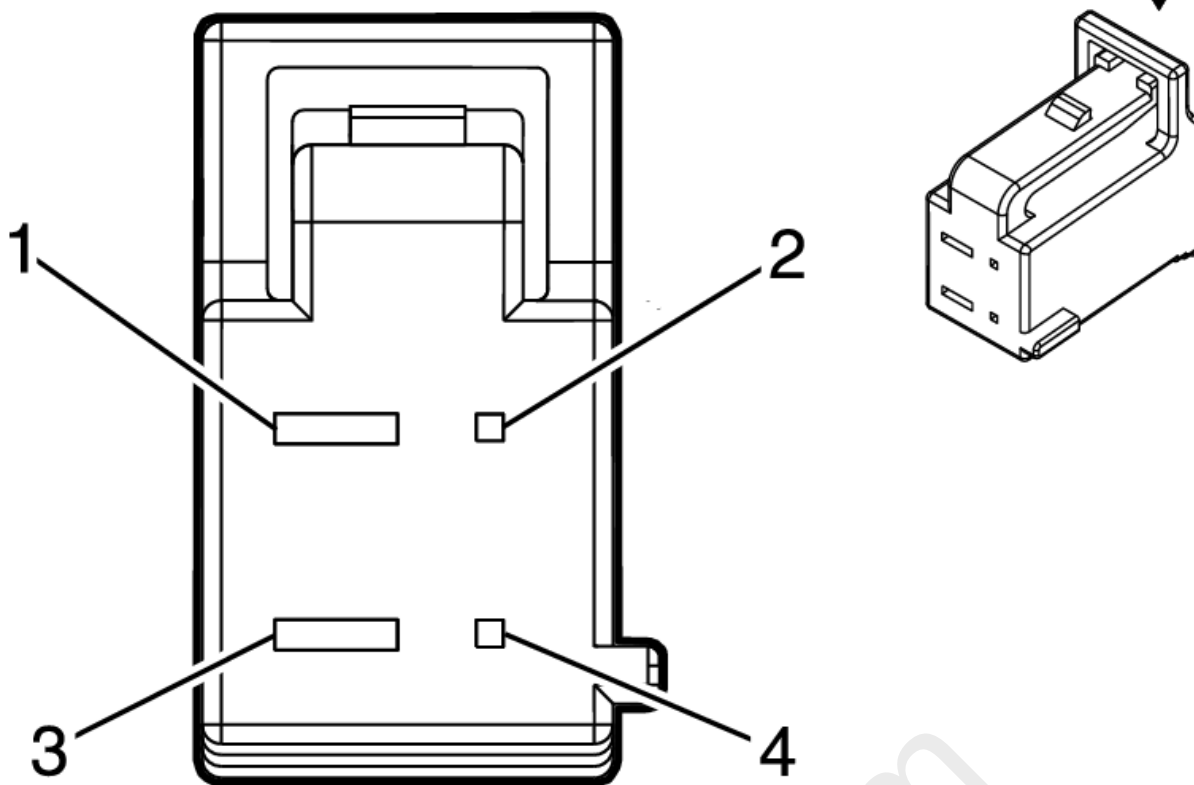
Terminal Part Information

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

M51D SEAT HORIZONTAL MOTOR - DRIVER





Connector Part Information

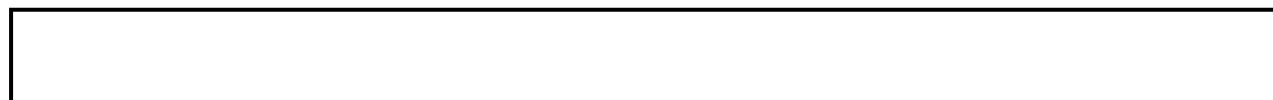
- Harness Type: Driver Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

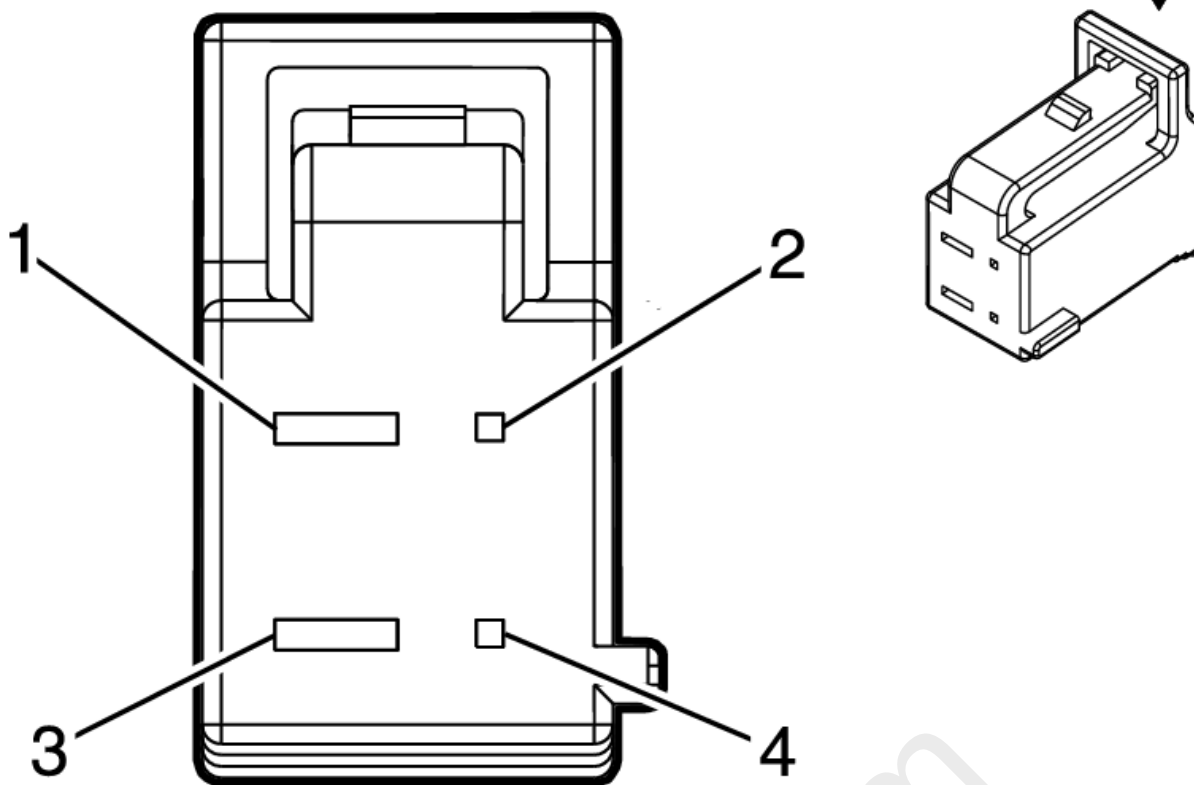
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	- 1.5	GY/GN YE/BU	284 285	Driver Power Seat Horizontal Motor Rearward Control Driver Power Seat Horizontal Motor Forward Control	II I	- -
2	-	WH/RD	3298	Memory Sensor High Reference 2	II	-
3	- 1.5	YE/BU GY/GN	285 284	Driver Power Seat Horizontal Motor Forward Control Driver Power Seat Horizontal Motor Rearward Control	II I	- -
4	-	GN/	569	Memory Seat Horizontal Motor Position Sensor Signal	II	-

M51P SEAT HORIZONTAL MOTOR - PASSENGER (AQ5)





Connector Part Information

- Harness Type: PASSENGER SEAT
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

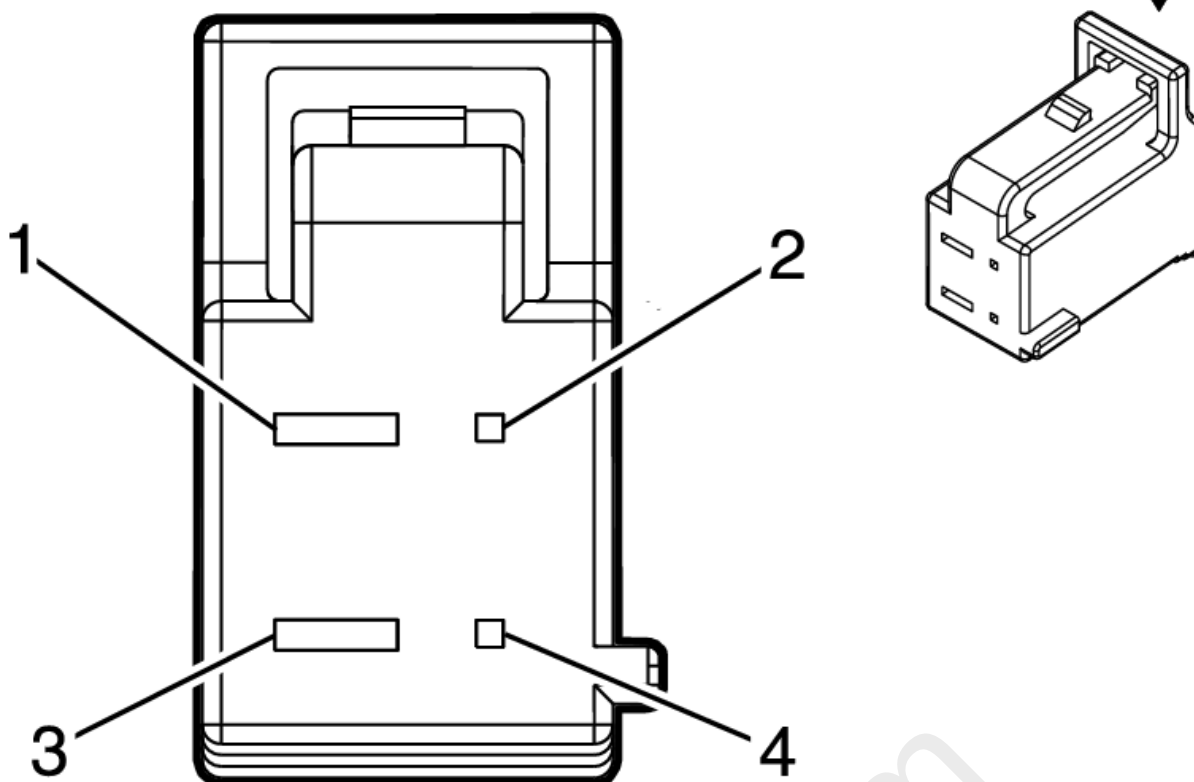
Terminal Part Information

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

M55D SEAT REAR VERTICAL MOTOR - DRIVER





Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

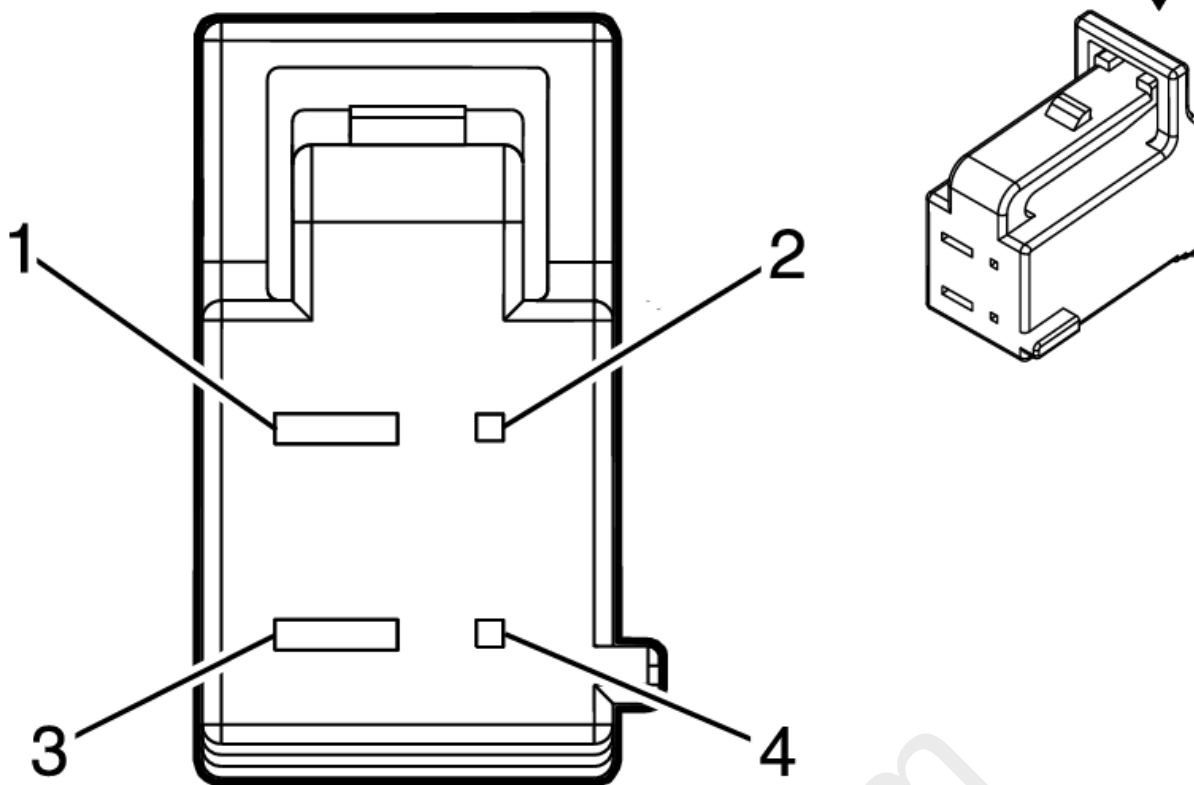
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1.5	GY/BU	283	Driver Power Seat Rear Vertical Motor Down Control	I	-
2	-	WH/RD	3298	Memory Sensor High Reference 2	II	-
3	1.5	YE	282	Driver Power Seat Rear Vertical Motor Up Control	I	-
4	-	YE/BU	568	Memory Seat Rear Vertical Motor Position Sensor Signal	II	-

M55P SEAT REAR VERTICAL MOTOR - PASSENGER (AQ5)





Connector Part Information

- Harness Type: PASSENGER SEAT
- OEM Connector: 6098-2830
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 0.64, 2.8 Series (BN)

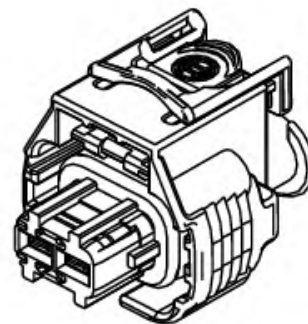
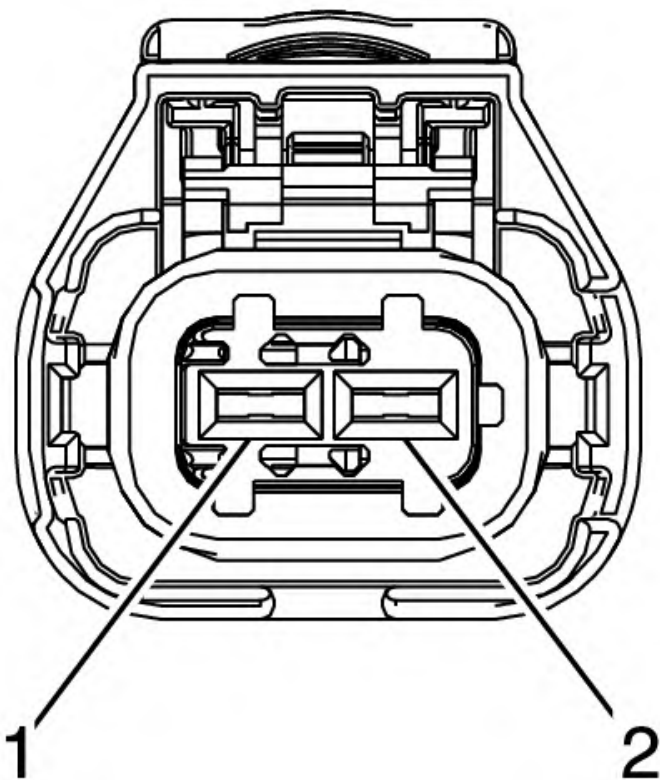
Terminal Part Information

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

M64 STARTER MOTOR X1 (LE2)





Connector Part Information

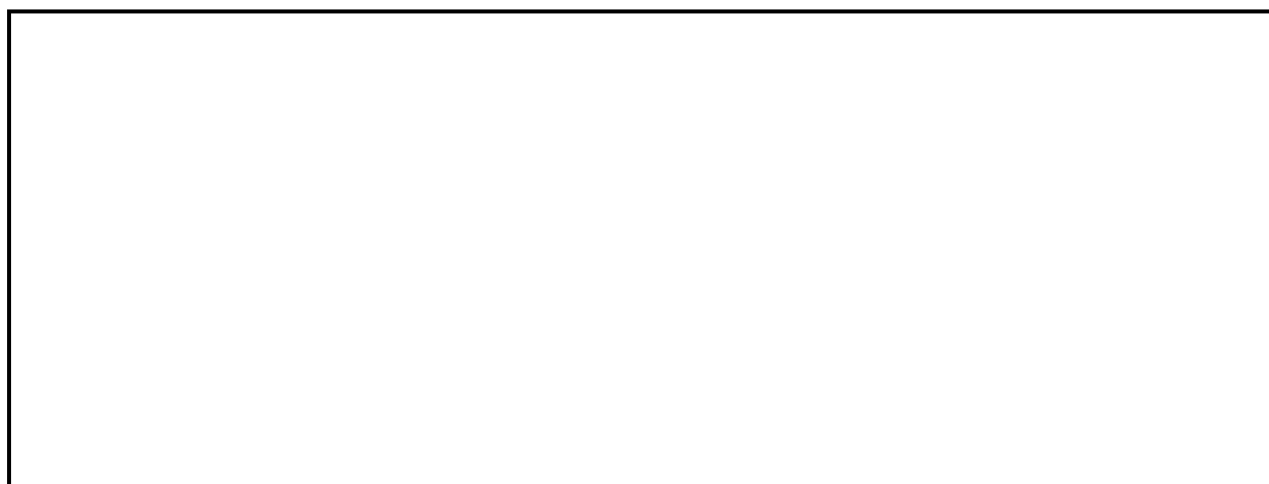
- Harness Type: Engine
- OEM Connector: 1928405521
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

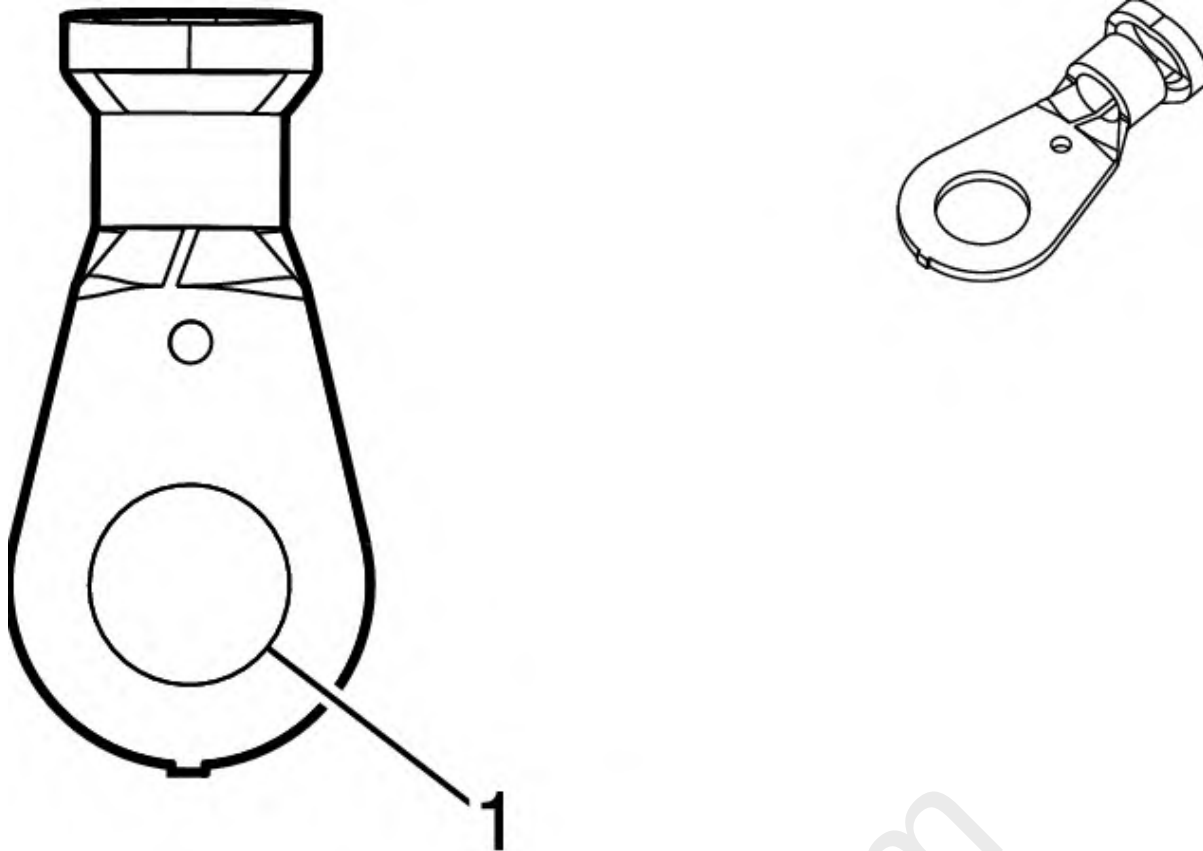
Terminal Part Information

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	1.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	LE2
2	2.5	YE/GN	4358	Starter Pinion Solenoid Voltage	I	LE2

M64 STARTER MOTOR X1 (LUV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 101428-A02
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

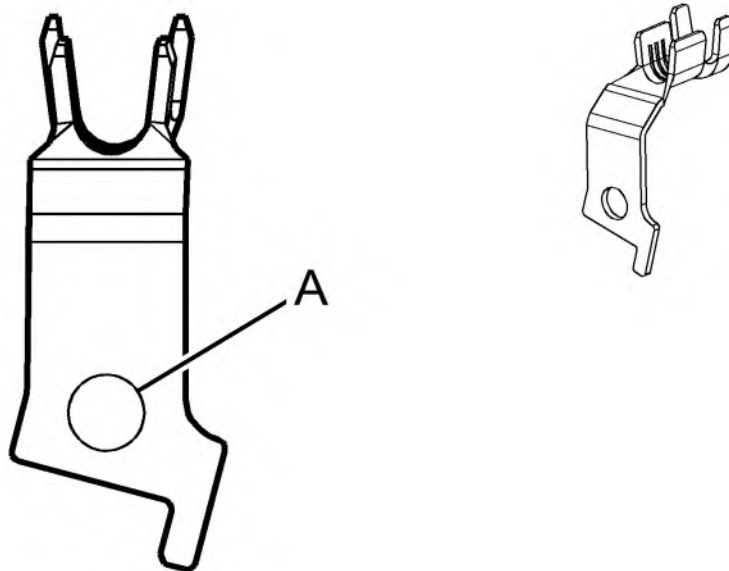
Terminal Part Information

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	1.5	YE	6	Starter Solenoid Crank Ignition Voltage	I	LUV

M64 STARTER MOTOR X2 (LE2/KL9)





Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: KCRT1142-0702AA
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

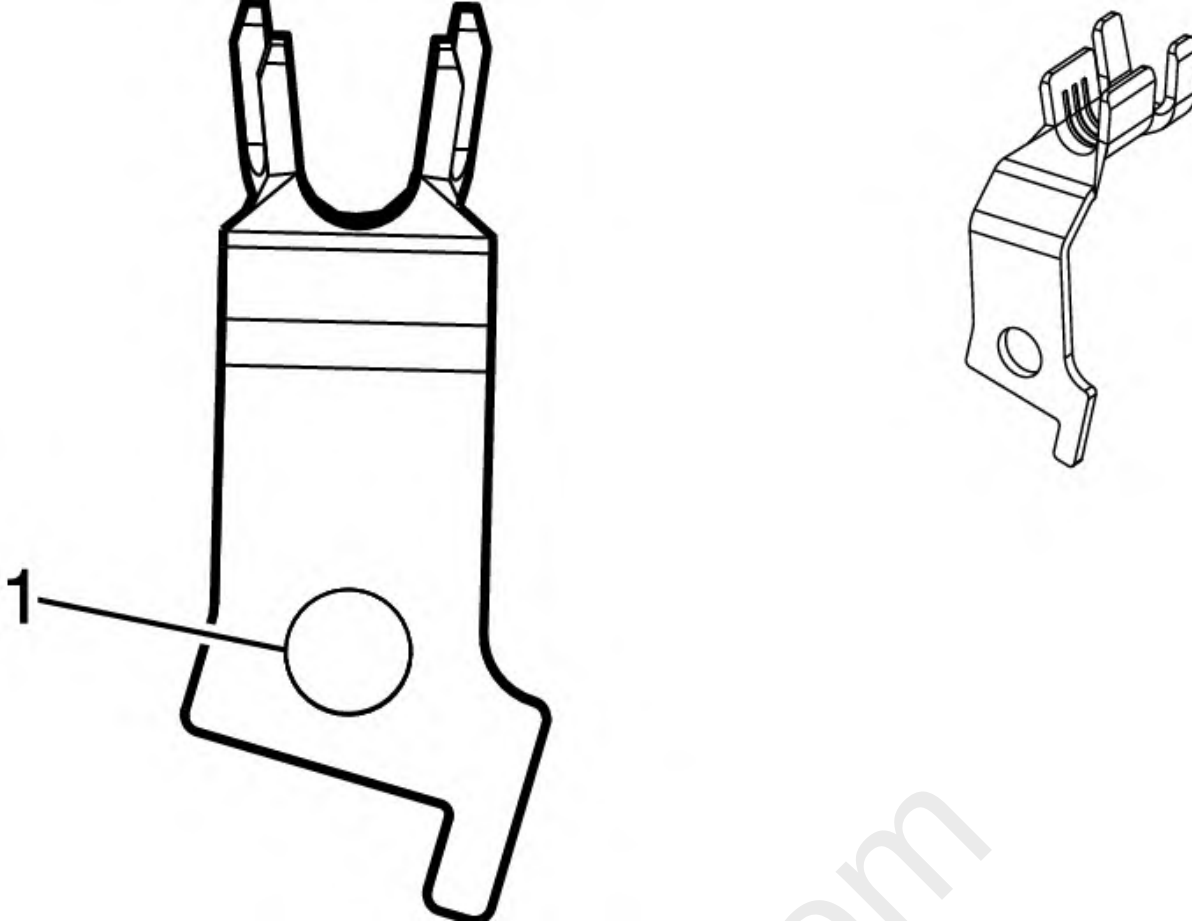
Terminal Part Information

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	RD/YE	2	Battery Positive Voltage	I	-

M64 STARTER MOTOR X2 (LUV-KPK)





Connector Part Information

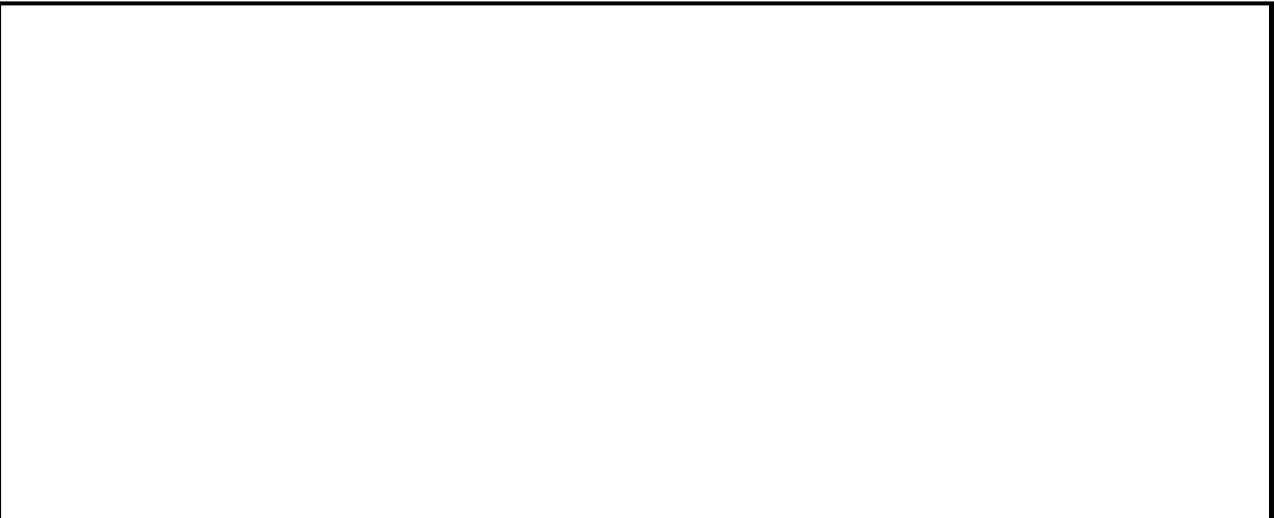
- Harness Type: Battery Cable
- OEM Connector: CBR670-012
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

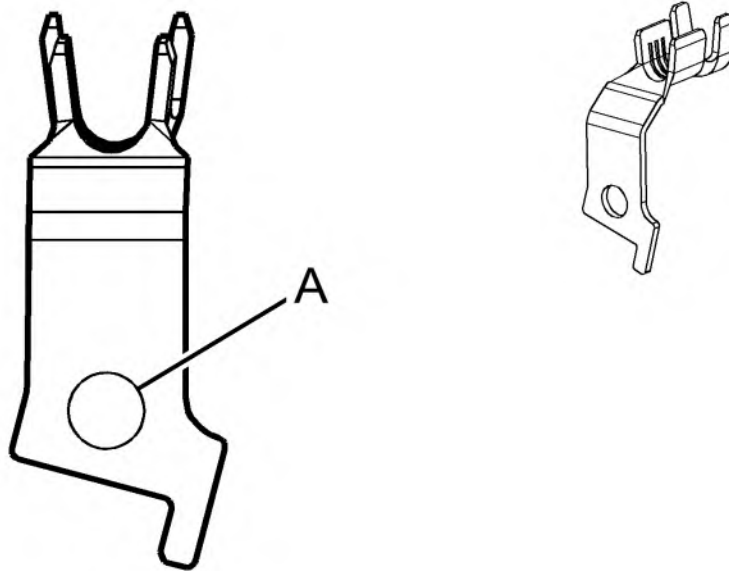
Terminal Part Information

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
1	25	RD/YE	2	Battery Positive Voltage	I	-

M64 STARTER MOTOR X2 (LUV/KPK/F46)





Connector Part Information

- Harness Type: Battery Cable
- OEM Connector: KCRT1142-0702AA
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

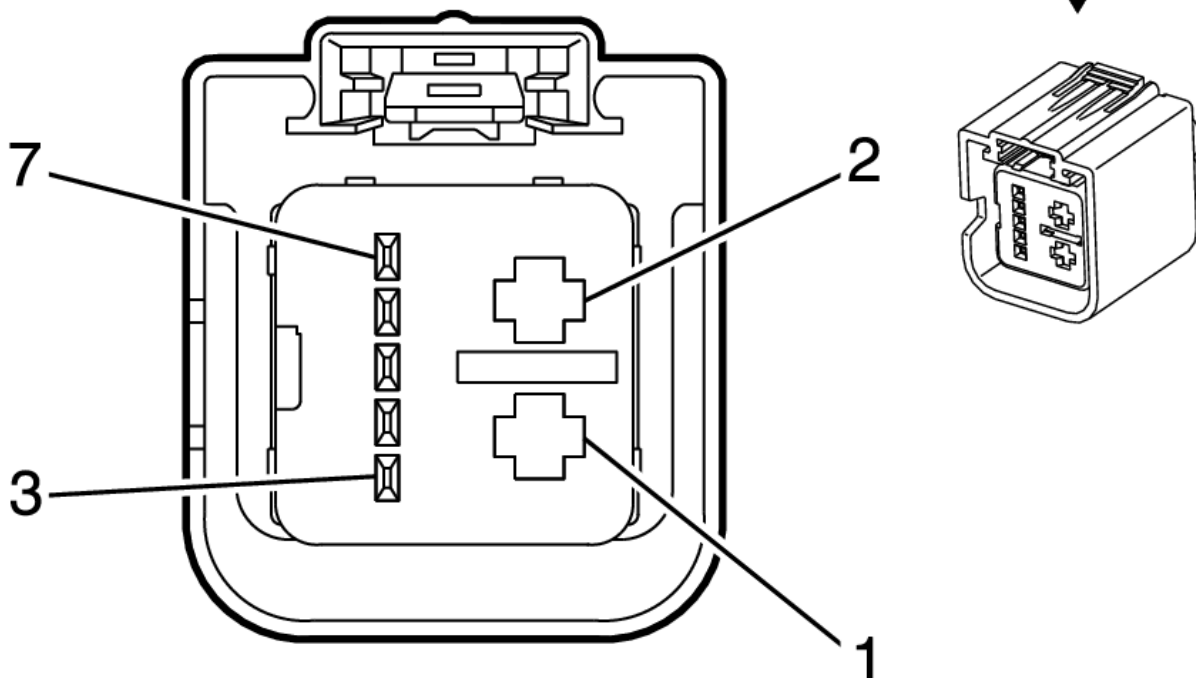
Terminal Part Information

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	RD/YE	2	Battery Positive Voltage	I	-

M74D WINDOW MOTOR - DRIVER





Connector Part Information

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

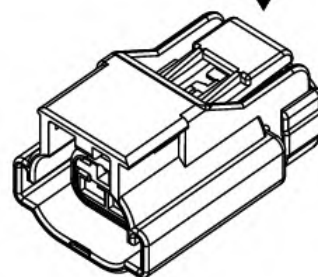
Terminal Part Information

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	1.5	BK	850	Ground	I	-
2	1.5	RD/YE	6540	Battery Positive Voltage	I	-
3	0.35	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	0.35	GN	3381	Power Window Switch Driver Express Signal	II	-
6	0.35	GY	745	Left Front Door Ajar Switch Signal	II	-
7	0.35	GY	3380	Power Window Switch Driver Down Signal	II	-

M74LR WINDOW MOTOR - LEFT REAR (AEQ)

--

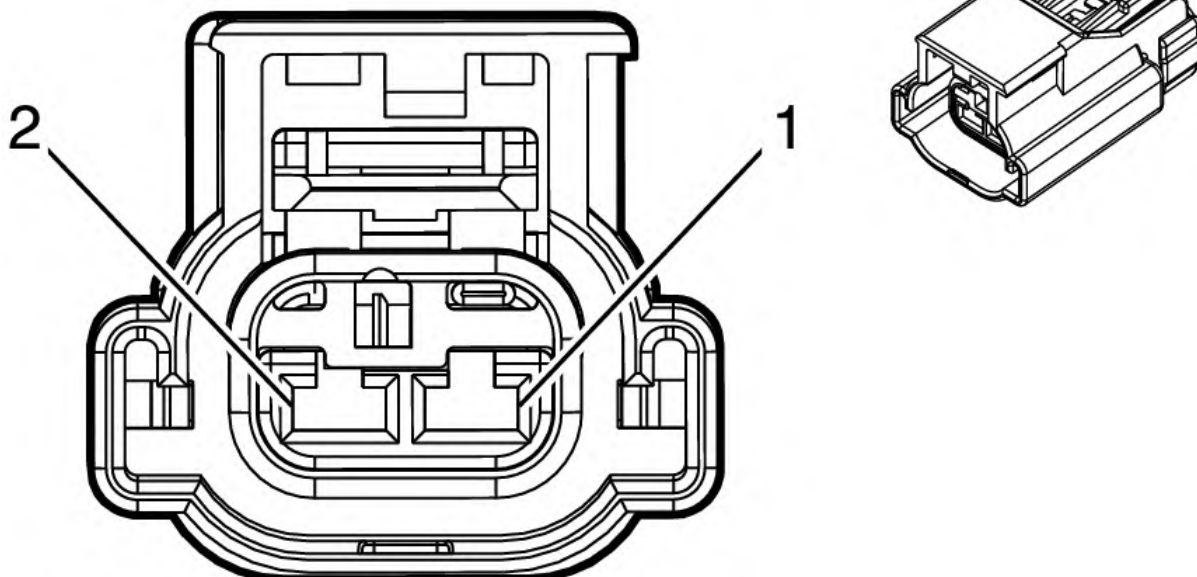


- Harness Type: Left Rear Door
- OEM Connector: 54200220N
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.8 Series, Sealed (BK)

Terminal 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	YE/BU	669	Power Window Motor Left Rear Down Control	I	-
2	1.5	BU/VT	668	Power Window Motor Left Rear Up Control	I	-

M74P WINDOW MOTOR - PASSENGER (AEQ)



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)

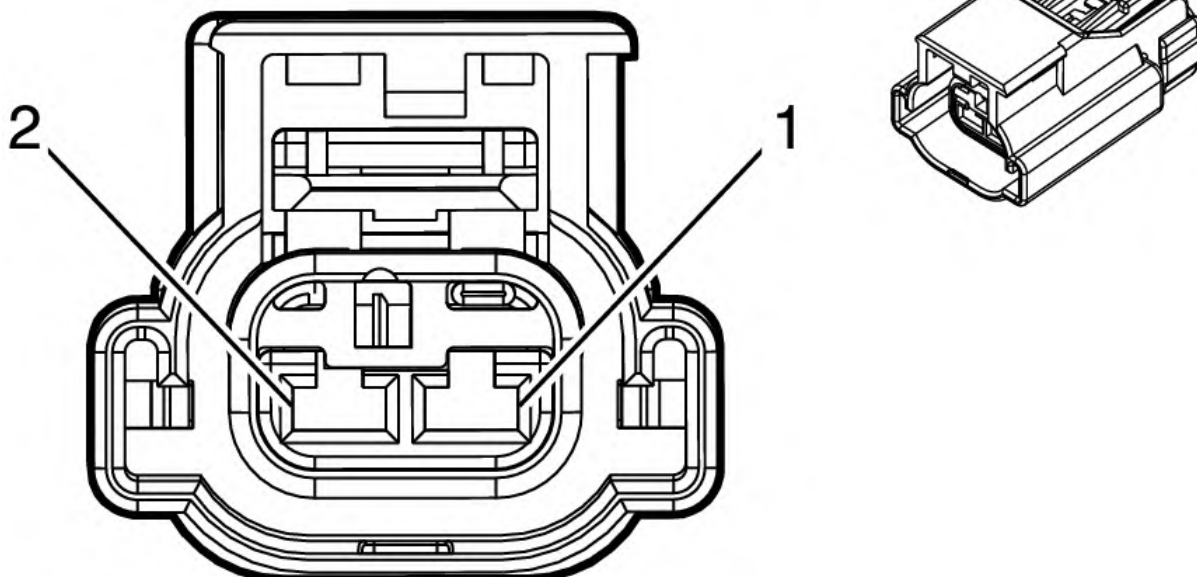
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (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	3388	Power Window Motor Passenger Down Control	I	-
2	1.5	GN/GY	3387	Power Window Motor Passenger Up Control	I	-

M74RR WINDOW MOTOR - RIGHT REAR (AEQ)





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)

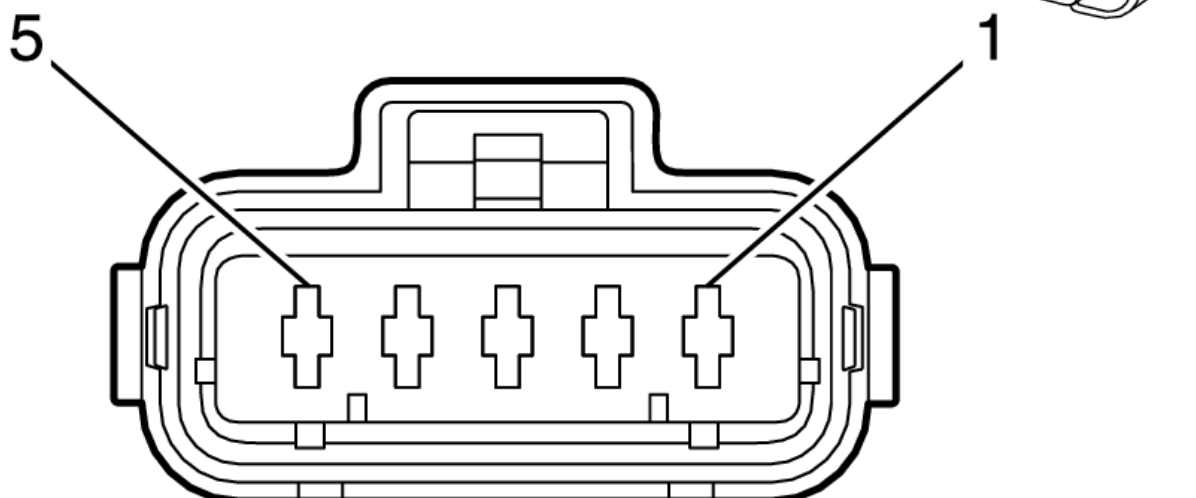
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-4A (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/BK	671	Power Window Motor Right Rear Down Control	I	-
2	1.5	BU/GY	670	Power Window Motor Right Rear Up Control	I	-

M75 WINDSHIELD WIPER MOTOR





Connector Part Information

- Harness Type: Body
- OEM Connector: 211PC053S4030
- Service Connector: 13395394
- Description: 5-Way F 2.8 Series, Sealed (BK)

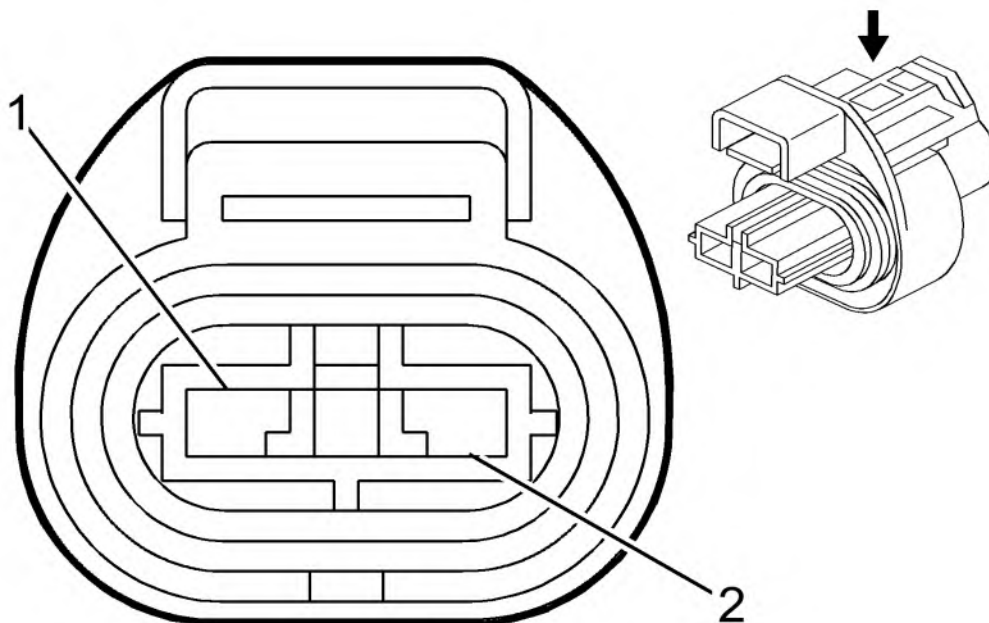
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-2A (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	2.5	BK	50	Ground	II	-
2	0.35	BN/GN	196	Windshield Wiper Motor Park Switch Signal	I	-
3	-	-	-	Not Occupied	-	-
4	2.5	YE/BN	95	Windshield Wiper Motor Low Speed Control	II	-
5	2.5	WH	92	Windshield Wiper Motor High Speed Control	II	-

M97 FUEL FILL DOOR LOCK ACTUATOR





Connector Part Information

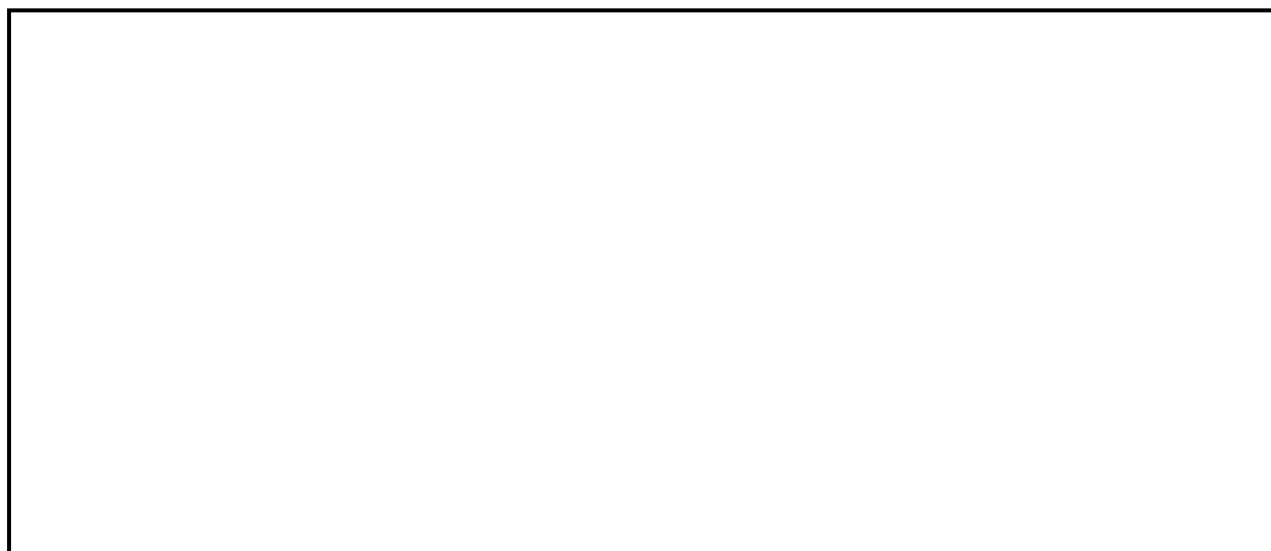
- Harness Type: Body
- OEM Connector: 1452680-1
- Service Connector: 13314083
- Description: 2-Way F 1.2 Timer Series, Sealed (BK)

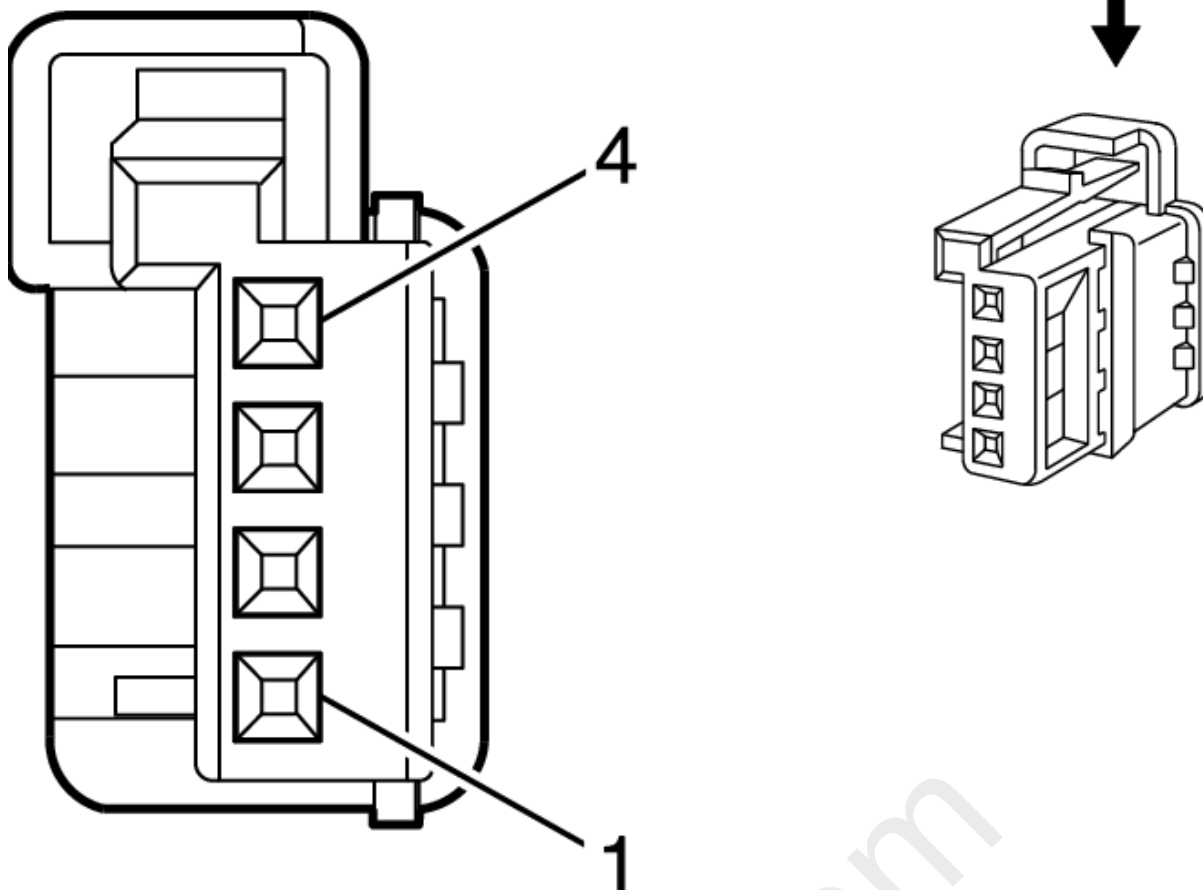
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (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/YE	294	Door Lock Actuator Unlock Control	I	N08
2	0.75	GY	5911	Door Lock Actuator Lock Control 2	I	N08

P2 TRANSMISSION SHIFT LEVER POSITION INDICATOR





Connector Part Information

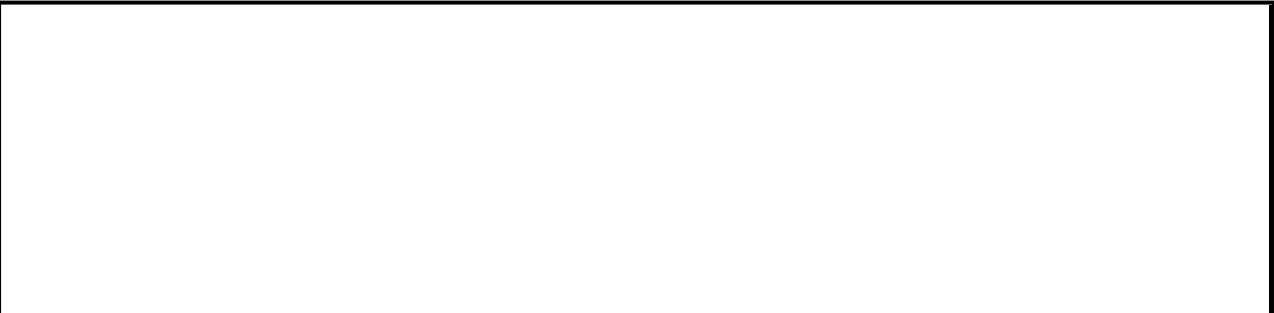
- Harness Type: Instrument Panel
- OEM Connector: 1379029-1
- Service Connector: 13584096
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

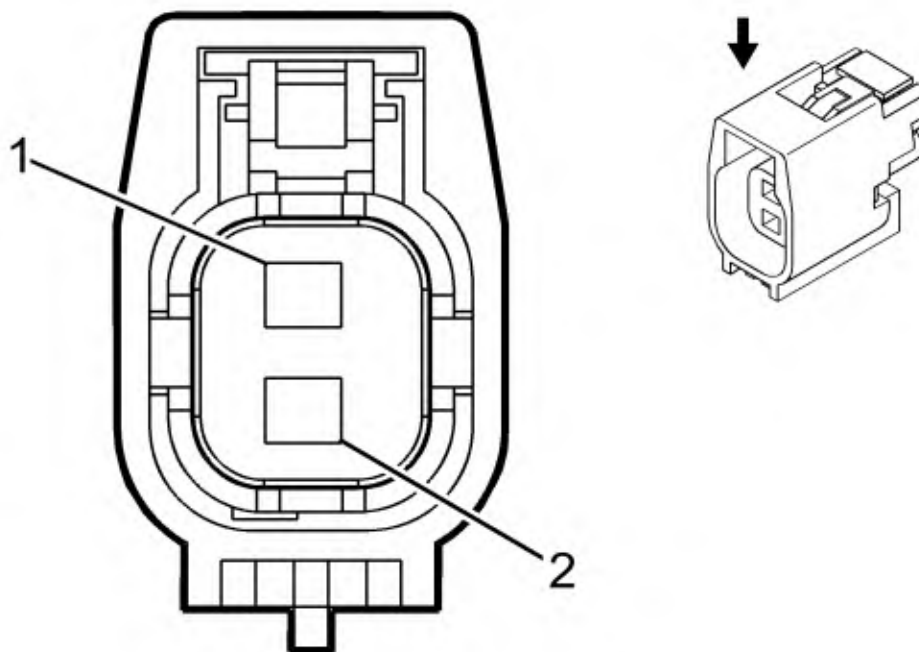
Terminal Part Information

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	1002	RAP Fuse Control	I	MM1
2	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	MM1
3	0.35	BK	1550	Ground	I	MM1
4	-	-	-	Not Occupied	-	-

P12A HORN - HIGH NOTE





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)

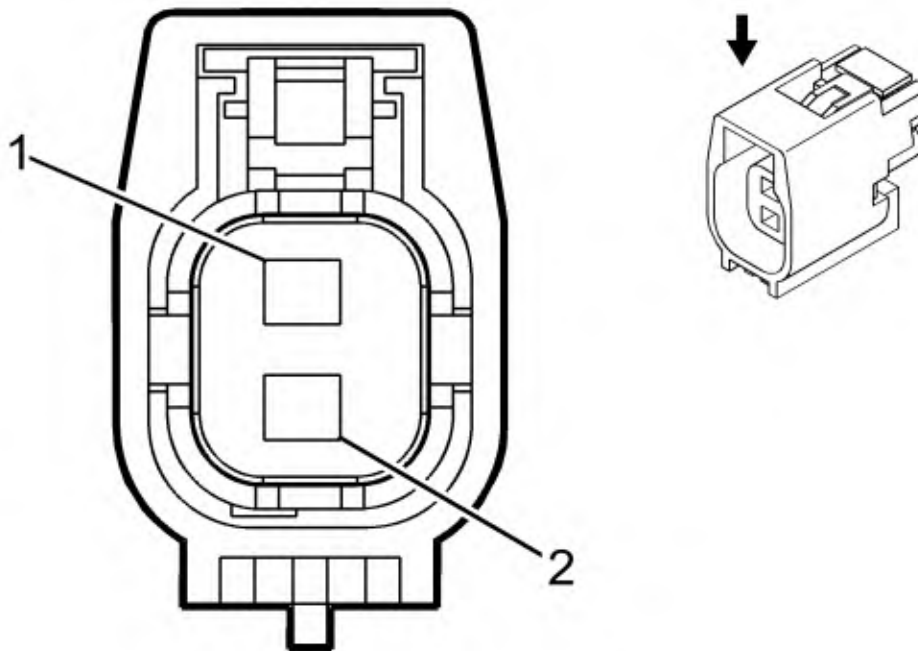
Terminal Part Information

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	0.75	BK	1750	Ground	I	-
2	0.75	BN/GY	29	Horn Control	I	-

P12B HORN - LOW NOTE





Connector Part Information

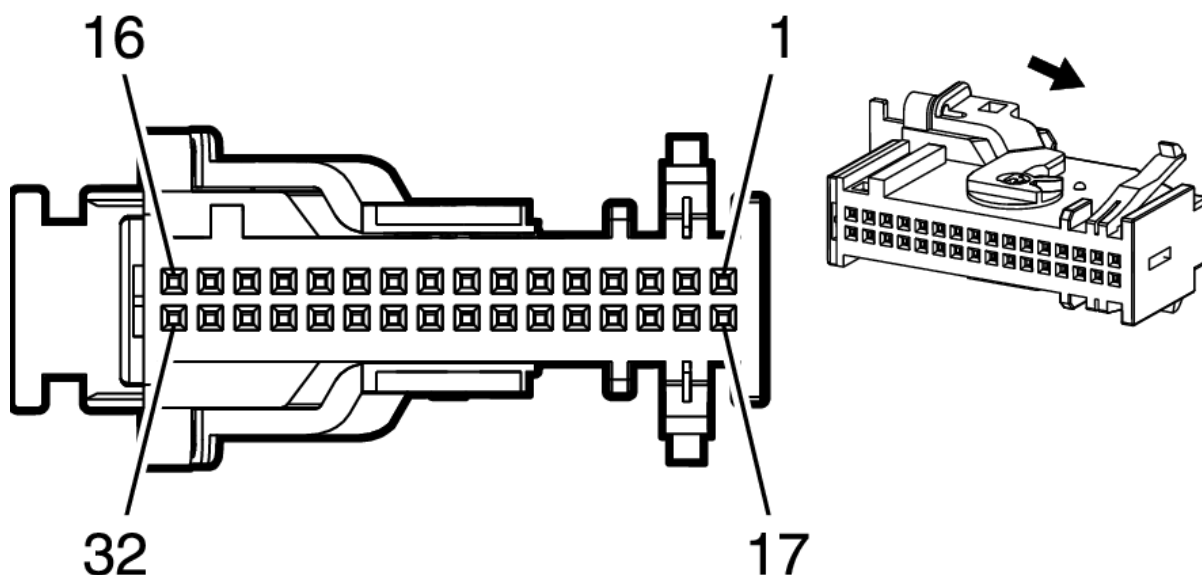
- Harness Type: Forward Lamp
- OEM Connector: 7287-0973-30
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

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	BK	1750	Ground	I	-
2	0.5	BN/GY	29	Horn Control	I	-

P16 INSTRUMENT CLUSTER



Connector Part Information

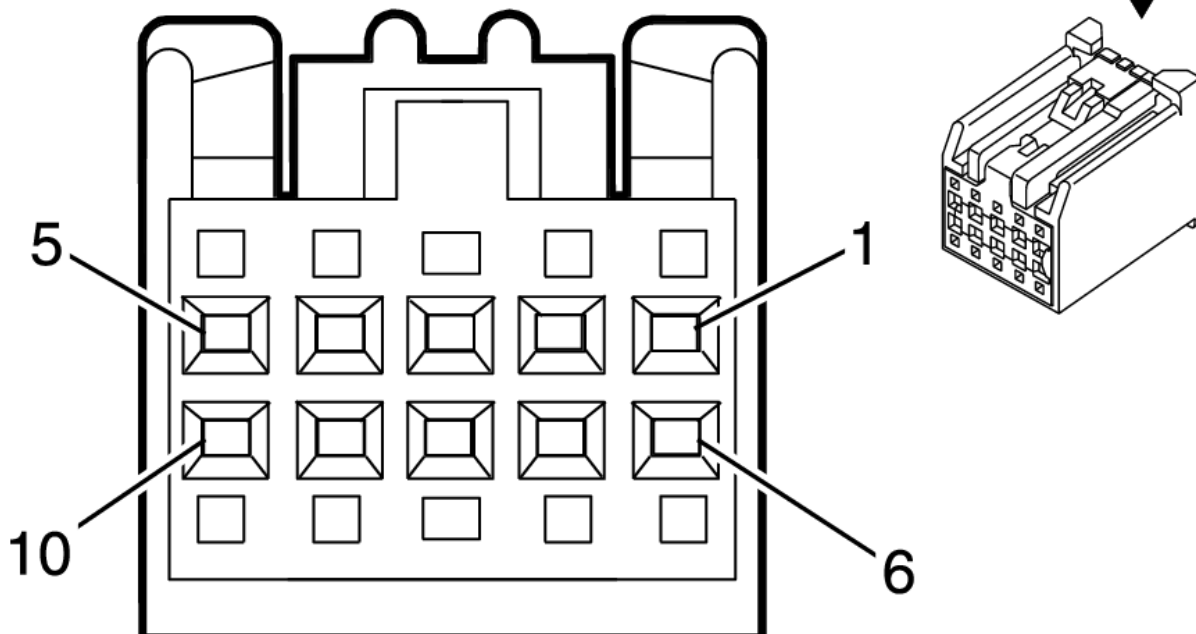
- Harness Type: Instrument Panel
- OEM Connector: 968265-1
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575584	J-35616-64B (LT BU)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	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 - 2	-	-	-	Not Occupied	-	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.35	RD/BU	302	Battery Positive Voltage	I	-
8	0.5	VT/BK	3	Run/Crank Ignition 1 Voltage	II	-
9	0.35	GY/BU	893	Driver Information Center Select Menu Switch Signal	I	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	UEU
13	0.35	BK/BN	897	Driver Information Center Switch Low Reference	I	-
14	0.35	GN/WH	1358	Driver Information Center Switch Signal	I	-
15	-	-	-	Not Occupied	-	-
16	0.5	BN/WH	419	Check Engine Indicator Control	II	-
17 - 18	-	-	-	Not Occupied	-	-
19	0.35	BK	1450	Ground	I	-
20 - 24	-	-	-	Not Occupied	-	-
25	0.35	BK/BU	61	Outside Ambient Temperature Sensor Low Reference	I	-
26	-	-	-	Not Occupied	-	-
27	0.35	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
28 - 29	-	-	-	Not Occupied	-	-
30	0.35	GY/YE	900	-	I	UEU
31 - 32	-	-	-	Not Occupied	-	-

P17 INFO DISPLAY MODULE X1



Connector Part Information

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

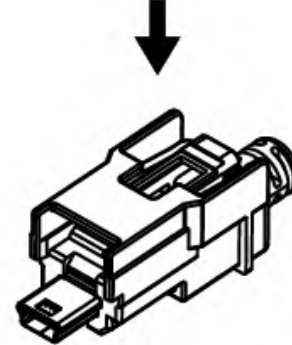
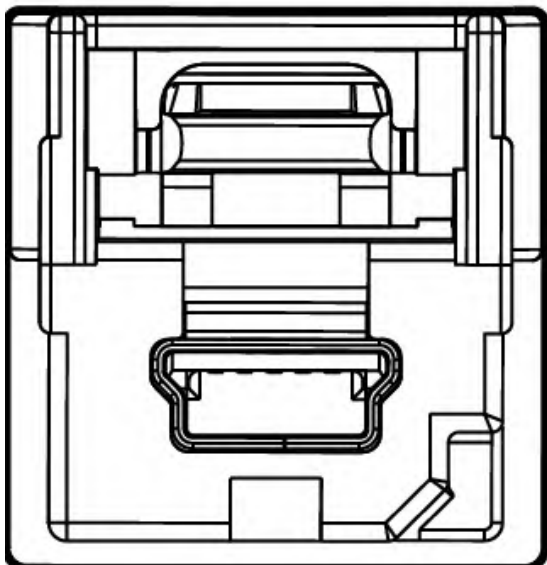
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD/WH	1040	Battery Positive Voltage	I	-
	-	RD/VT	5340	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	-	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	-
4	-	-	-	Not Occupied	-	-
5	-	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	-	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	I	-
9	-	-	-	Not Occupied	-	-
10	-	BK	1750	Ground	I	-

P17 INFO DISPLAY MODULE X2 (UQG/UQA&NKC)





Connector Part Information

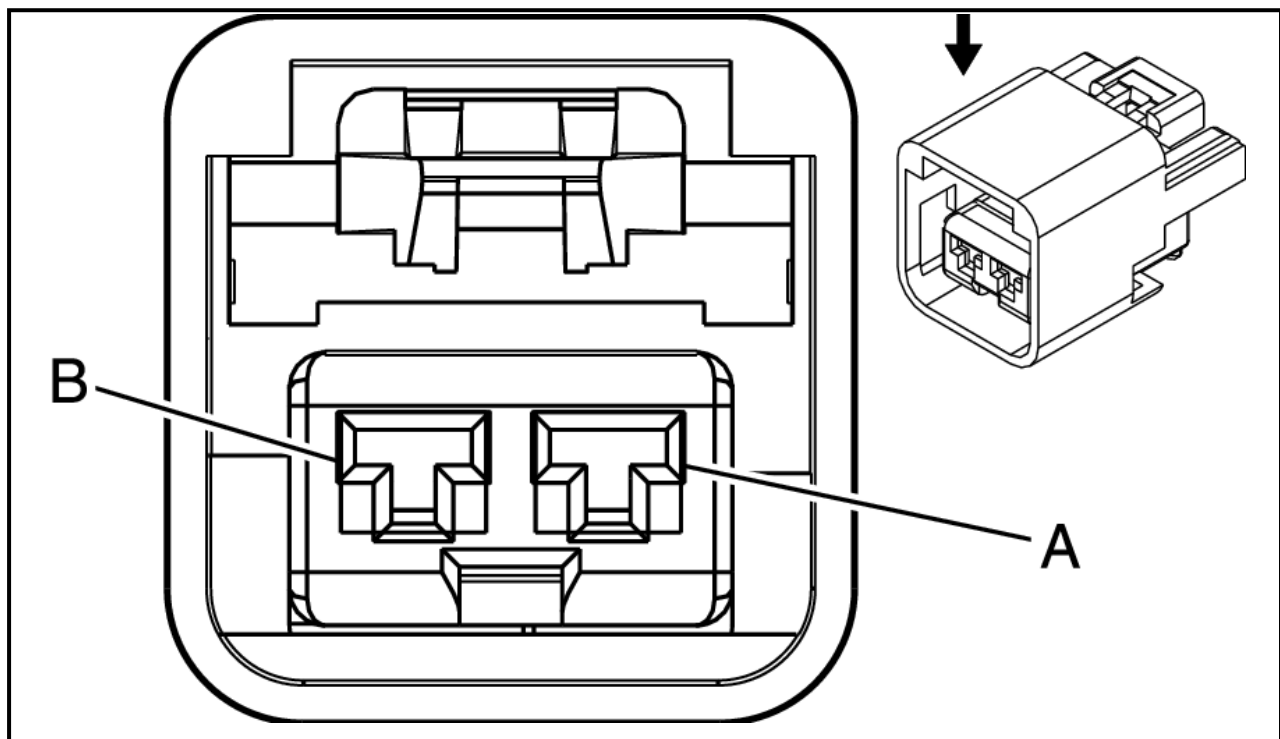
- Harness Type: Instrument Panel USB
- OEM Connector: 13576672
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BK)

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
-	-	USB	-	USB Serial Data	I	-

P19AC SPEAKER - SUBWOOFER



Connector Part Information

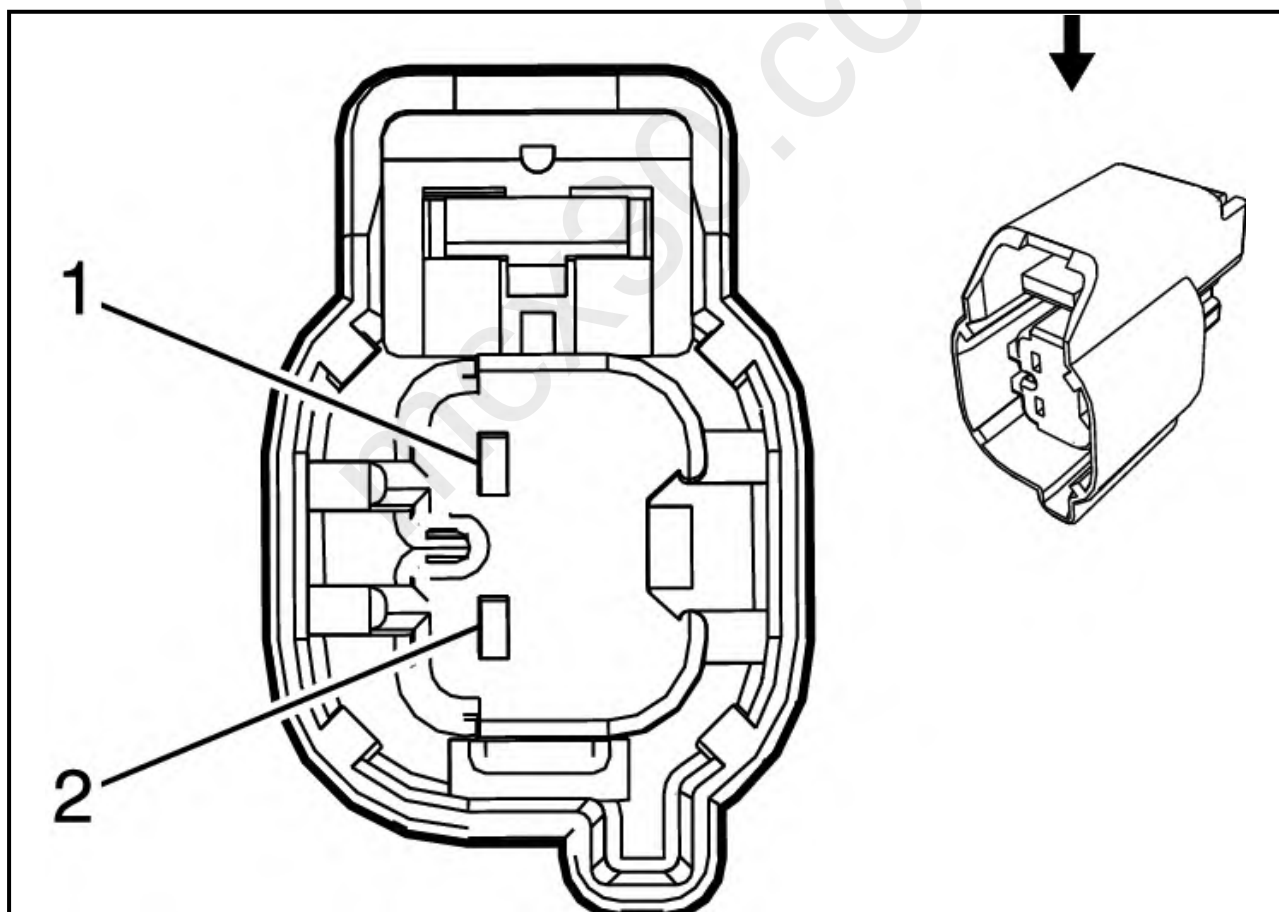
- Harness Type: Body
- OEM Connector: 15326870
- Service Connector: 13587185
- Description: 2-Way F 280 GT Series (BK)

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	0.75	GN/BK	1794	Left/Rear Subwoofer Speaker (-) Low Reference	I	(UQG/UQA)+NKC
B	0.75	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	(UQG/UQA)+NKC

P19AG SPEAKER - LEFT FRONT DOOR (UQA)



Connector Part Information

- Harness Type: Driver Door
- OEM Connector: 19168540
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (L-GY)

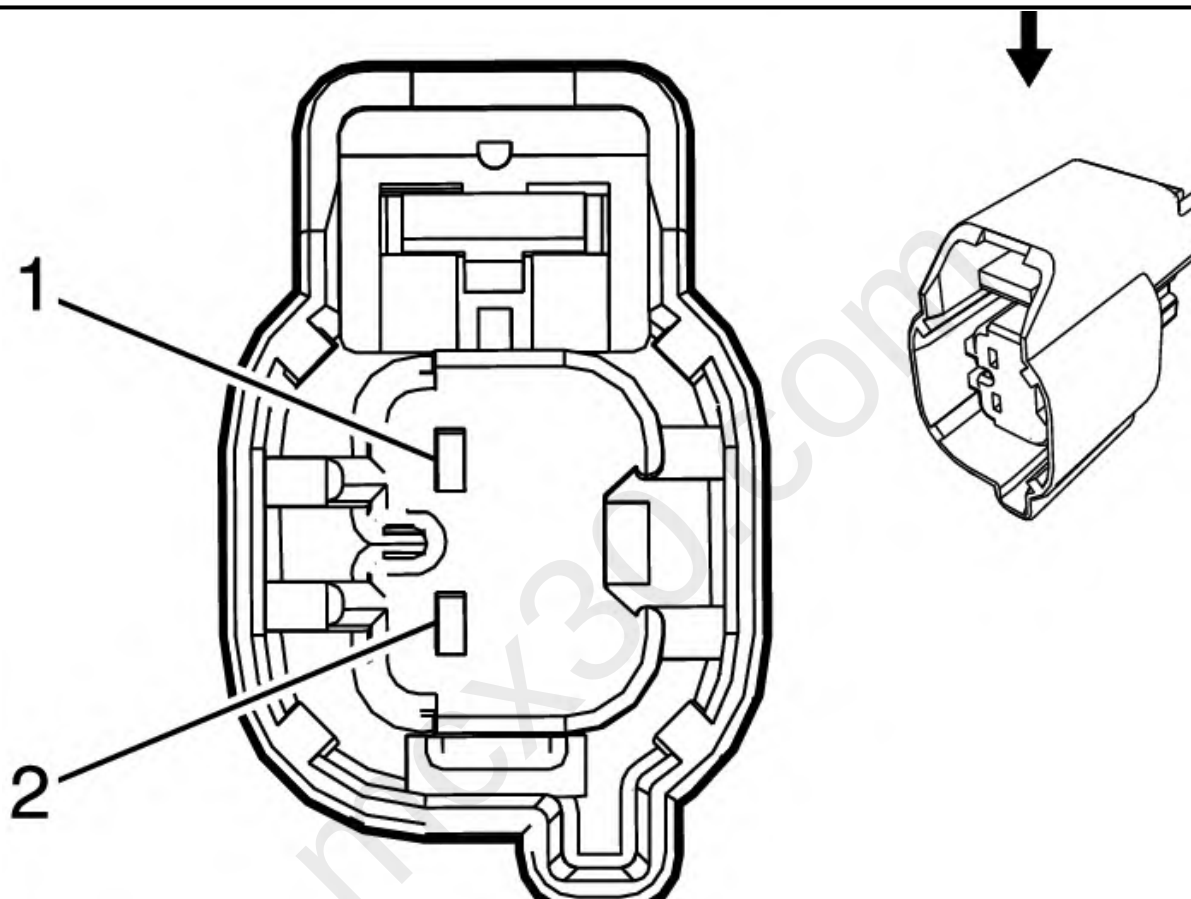
Terminal Part Information

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

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 (-) 1	I	UQA
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQA)



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 19168540
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (L-GY)

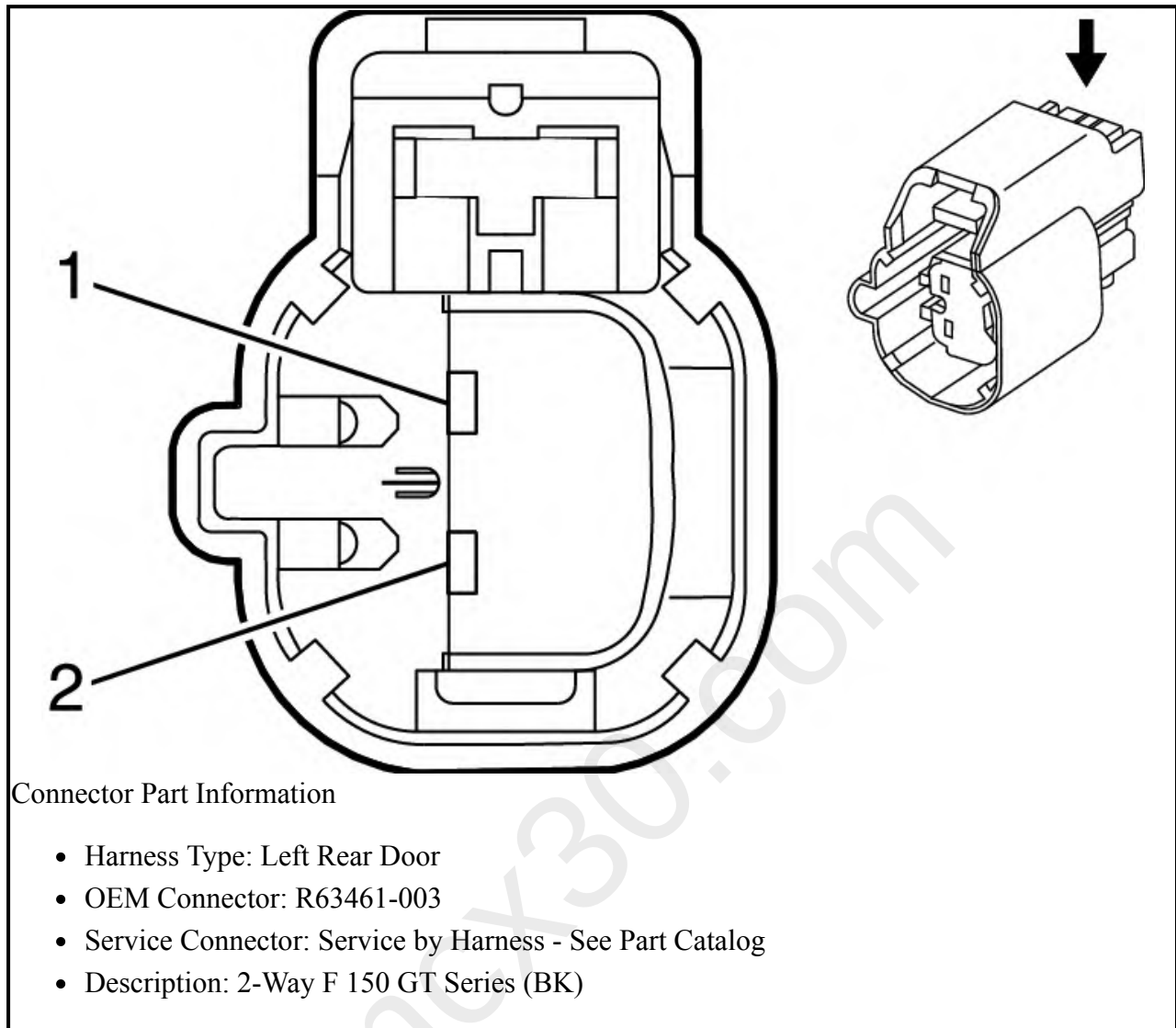
Terminal Part Information

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	YE/BK	117	Right Front Speaker Signal (-) 1	I	UQA

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

P19AL SPEAKER - LEFT REAR DOOR (UQ3)



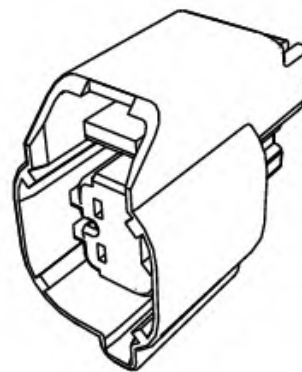
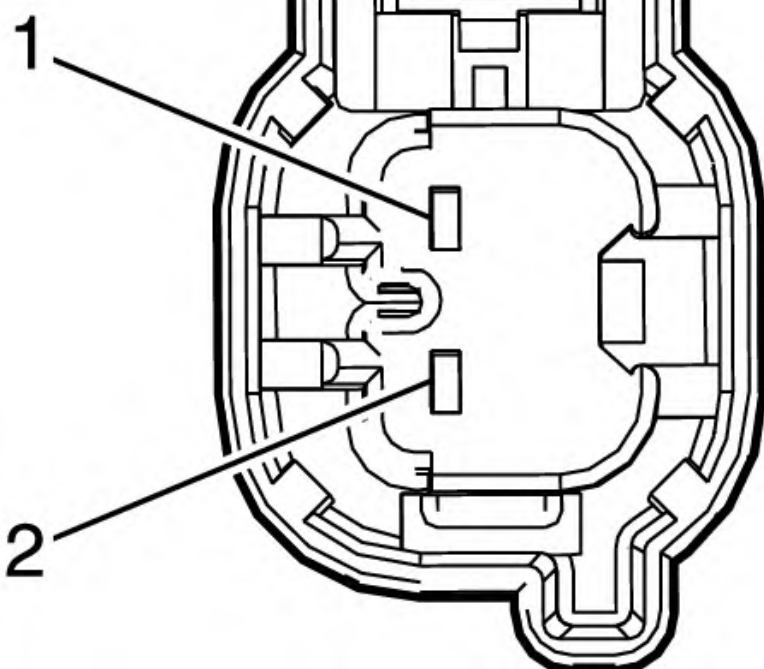
Terminal Part Information

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)	Not 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	-
2	0.75	GN	199	Left Rear Speaker Control (+)	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQA)





Connector Part Information

- Harness Type: Left Rear Door
- OEM Connector: 19168540
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (L-GY)

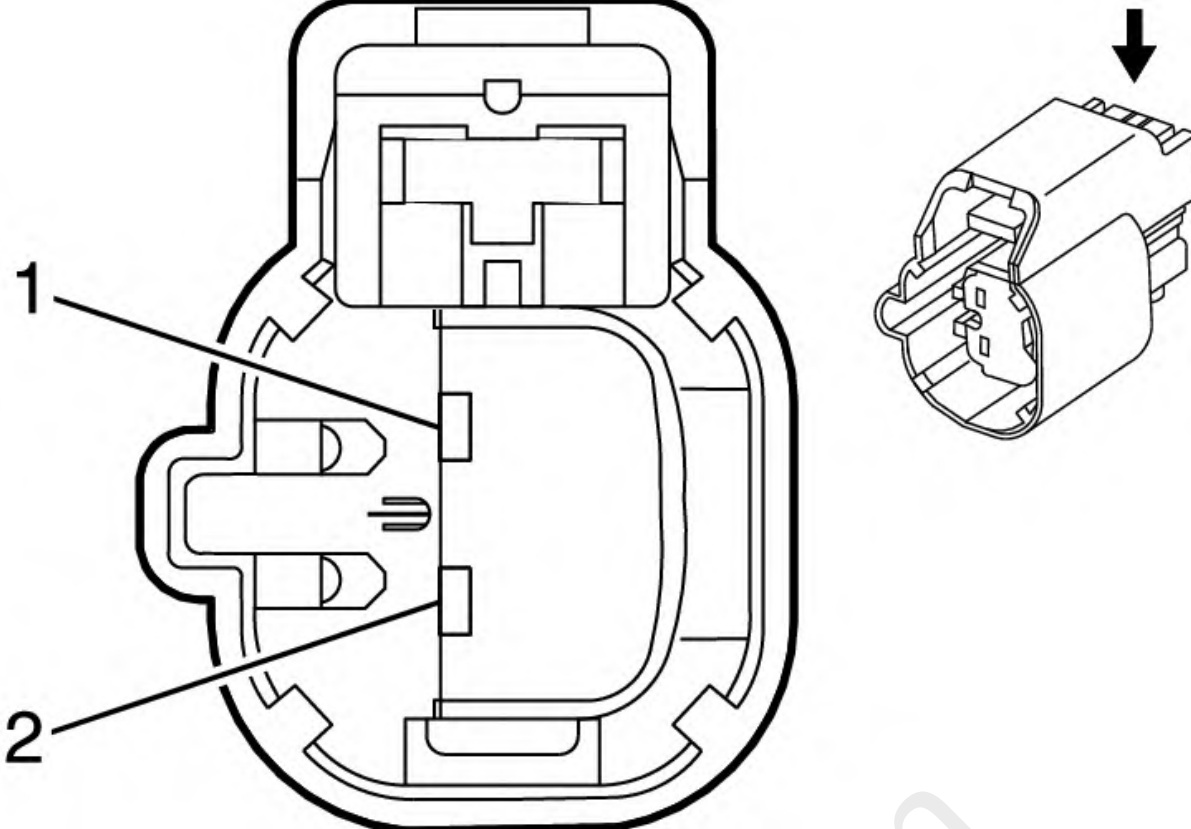
Terminal Part Information

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	-
2	0.75	GN	199	Left Rear Speaker Control (+)	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQG)





Connector Part Information

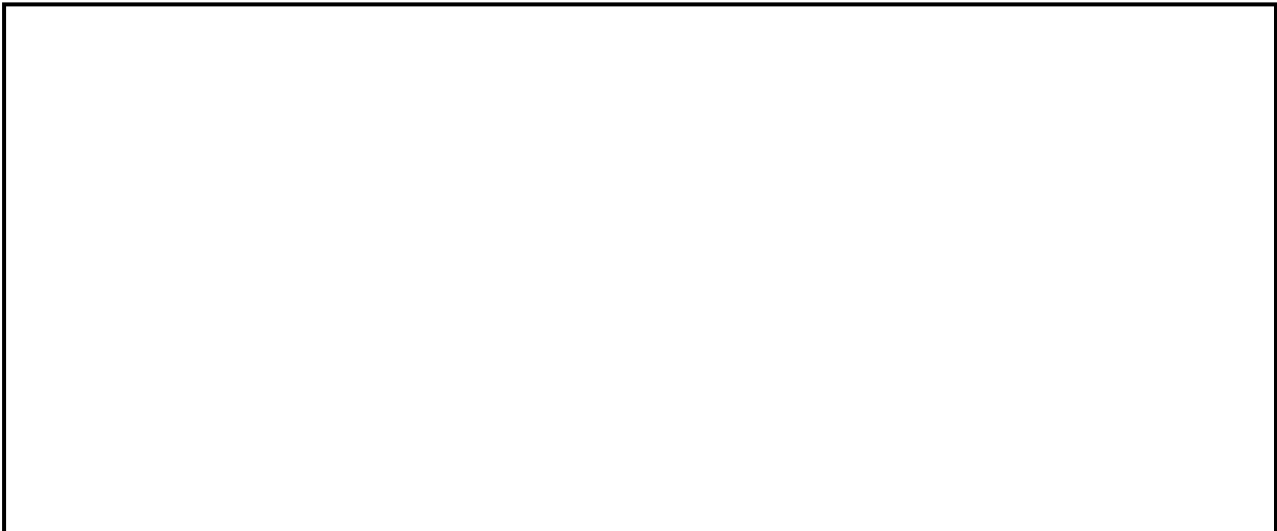
- Harness Type: Left Rear Door
- OEM Connector: R63461-003
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (BK)

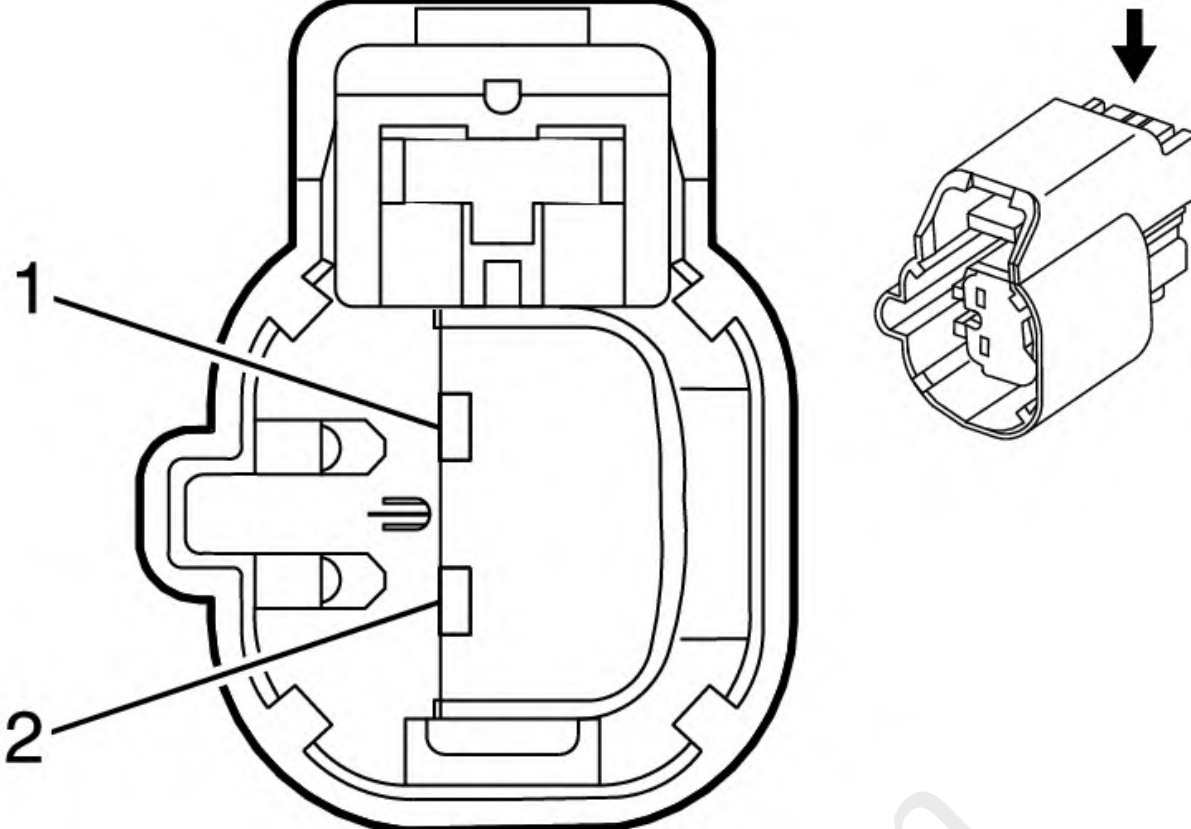
Terminal Part Information

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	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	UQG
2	0.75	GN	199	Left Rear Speaker Control (+)	I	UQG

P19AM SPEAKER - RIGHT REAR DOOR (UQ3)





Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: R63461-003
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (BK)

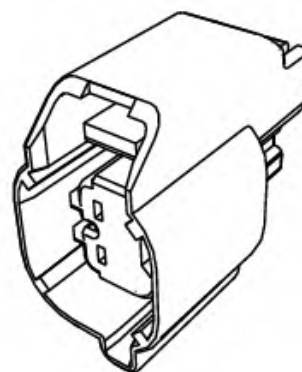
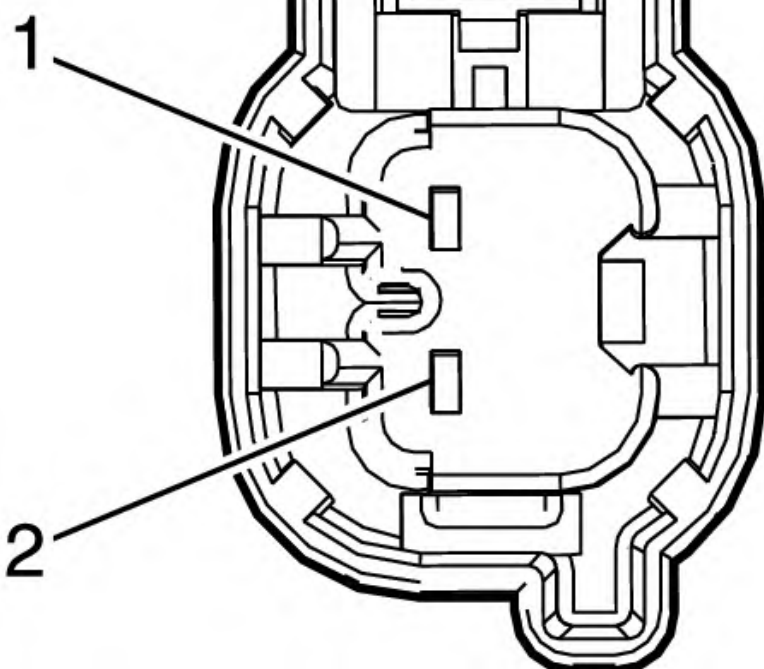
Terminal Part Information

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)	Not 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	-
2	0.75	WH	46	Right Rear Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQA)





Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 19168540
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 GT Series (L-GY)

Terminal Part Information

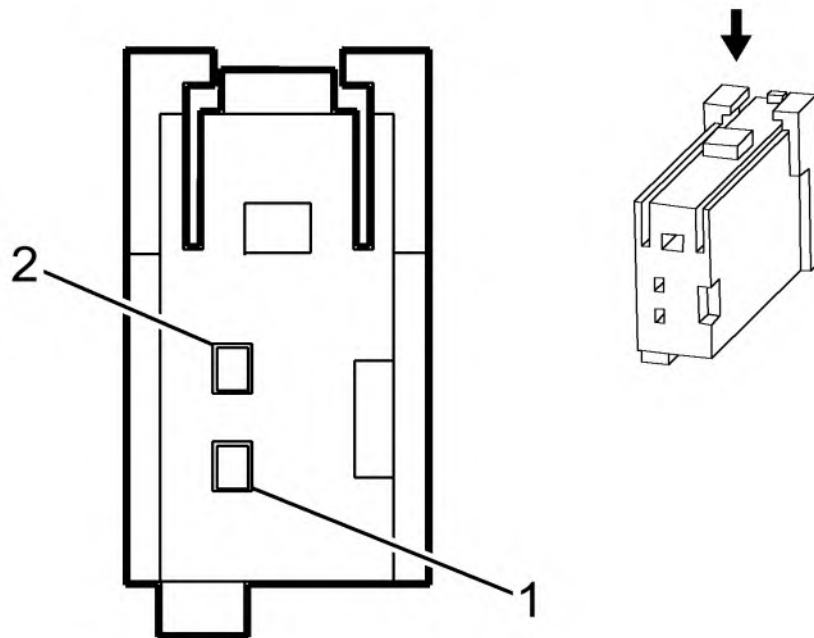
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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

P19AM SPEAKER - RIGHT REAR DOOR (UQG)



P19H SPEAKER - LEFT FRONT TWEETER



Connector Part Information

- Harness Type: Headliner
- OEM Connector: AIT2PB-02A-1AK
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

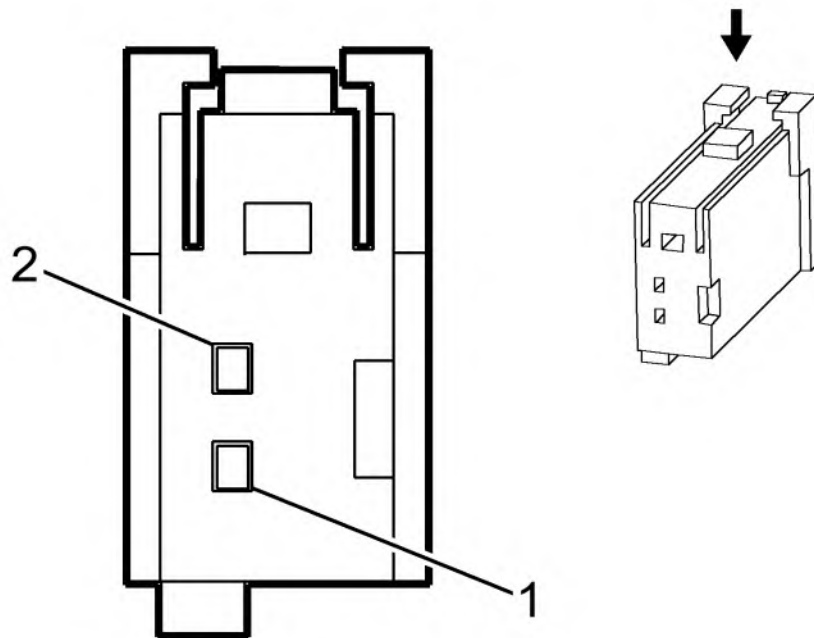
Terminal Part Information

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 (-)	I	-
2	0.75	BU	201	Left Front Speaker Control (+)	I	-

P19V SPEAKER - RIGHT FRONT TWEETER





Connector Part Information

- Harness Type: Headliner
- OEM Connector: AIT2PB-02A-1AK
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

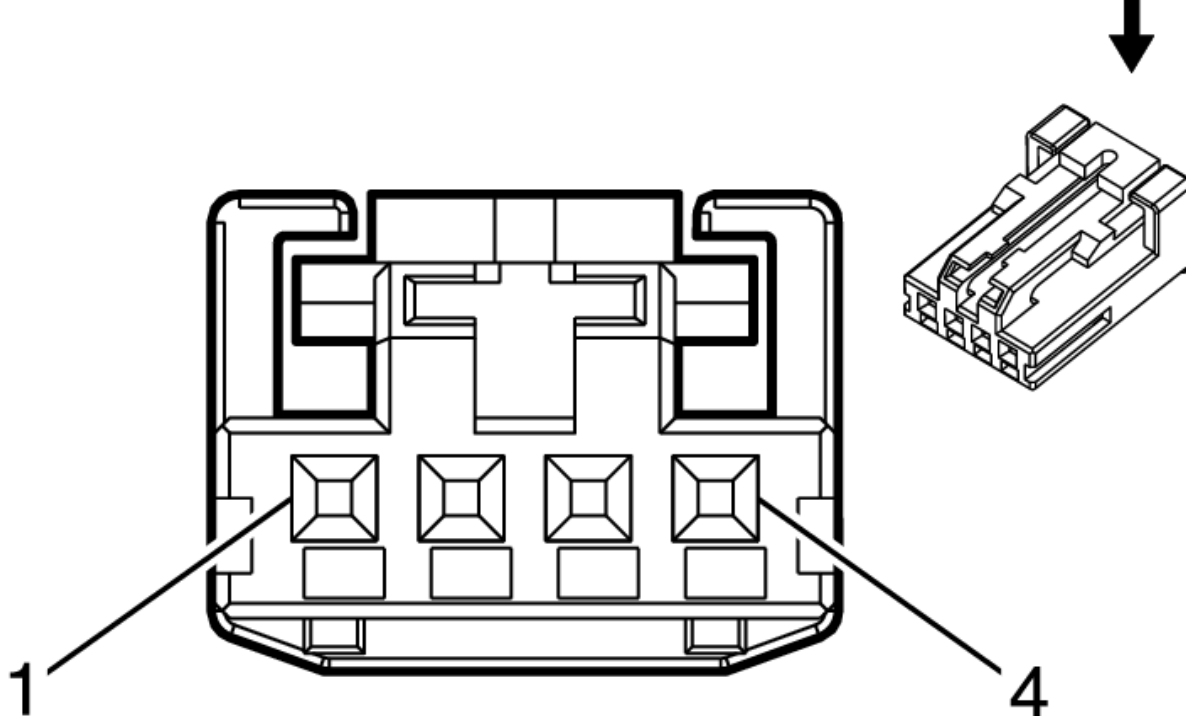
Terminal Part Information

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





Connector Part Information

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

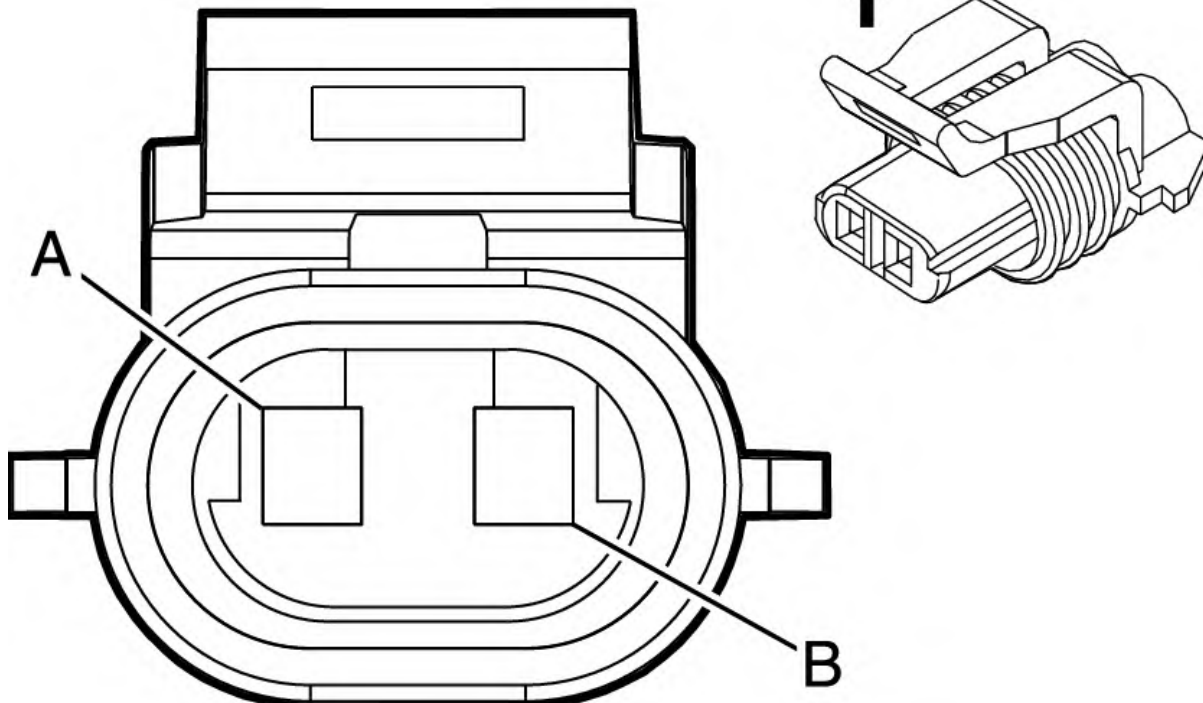
Terminal Part Information

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	0.5	VT/GN	1739	Run/Crank Ignition 1 Voltage	I	C32+UEU UEU UEU-C32
	0.5	VT/GN	1739	Run/Crank Ignition 1 Voltage	I	
	0.5	VT/GN	1739	Run/Crank Ignition 1 Voltage	I	
2	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	UEU
3	0.35	GY/YE	900	-	I	UEU
4	0.35	BK/WH	851	Signal Ground	I	UEU

Q2 A/C COMPRESSOR CLUTCH

--	--	--	--	--	--	--



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12052644
- Service Connector: 15306302
- Description: 2-Way F 150 Metri-Pack Series, Sealed (GY)

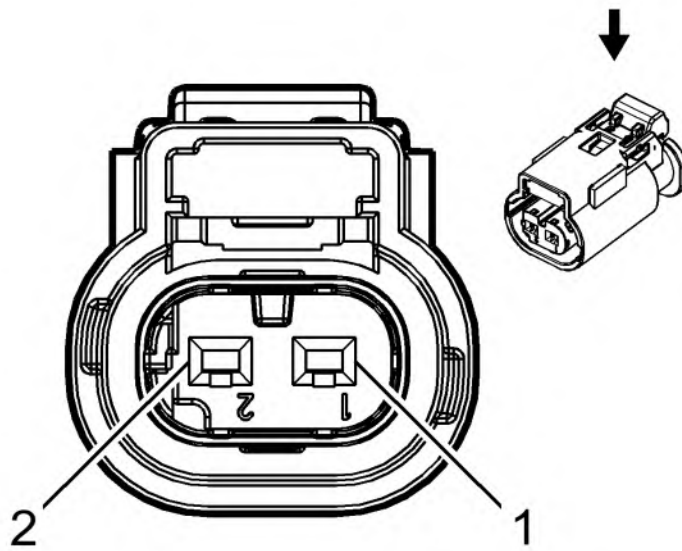
Terminal Part Information

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
A	0.5	BK	150	Ground	I	-
B	0.5	BN/GN	59	A/C Compressor Clutch Control	I	-

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LE2)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 10010338
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

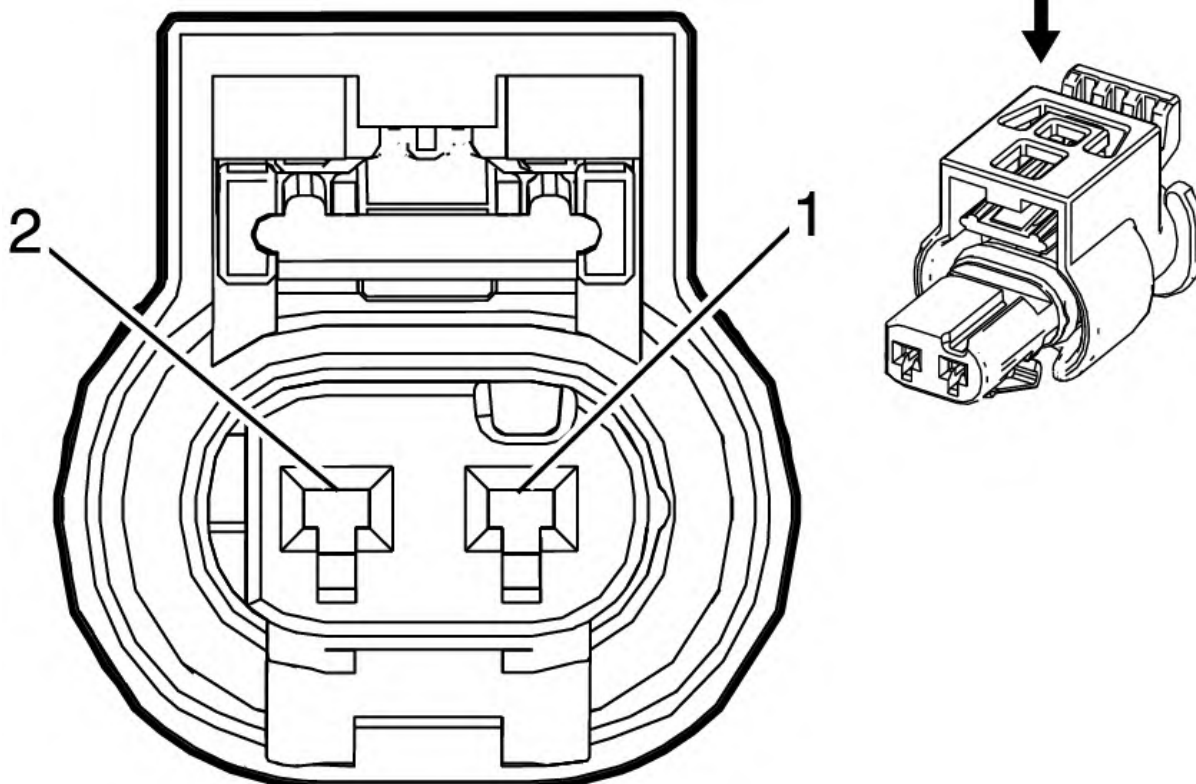
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	LE2
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	LE2

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LUV)





Connector Part Information

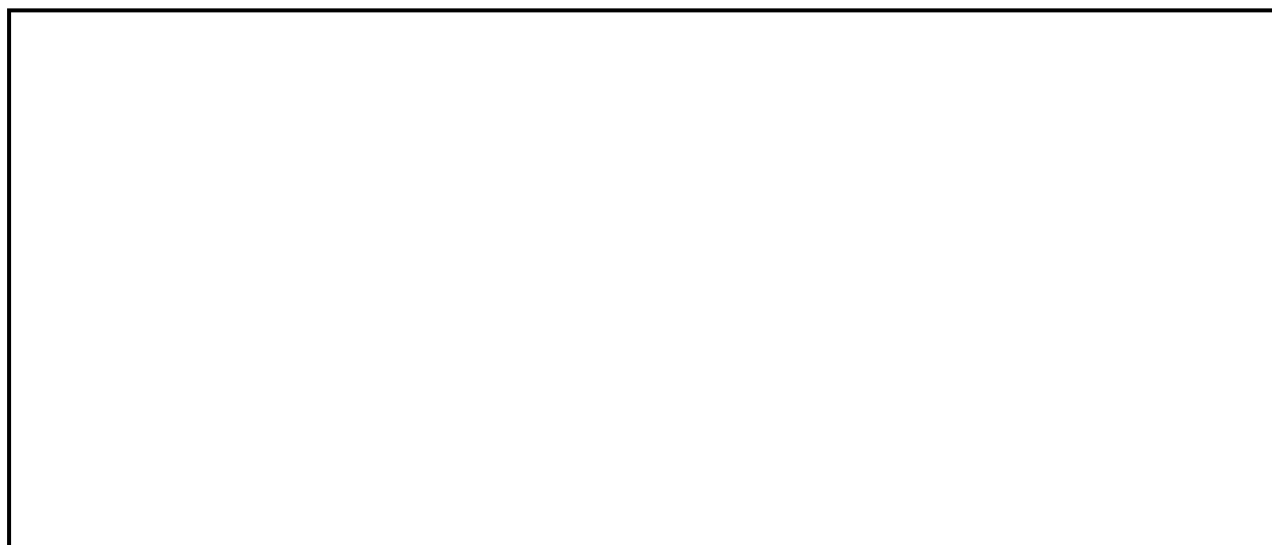
- Harness Type: Engine
- OEM Connector: 805-120-521
- Service Connector: 13577537
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

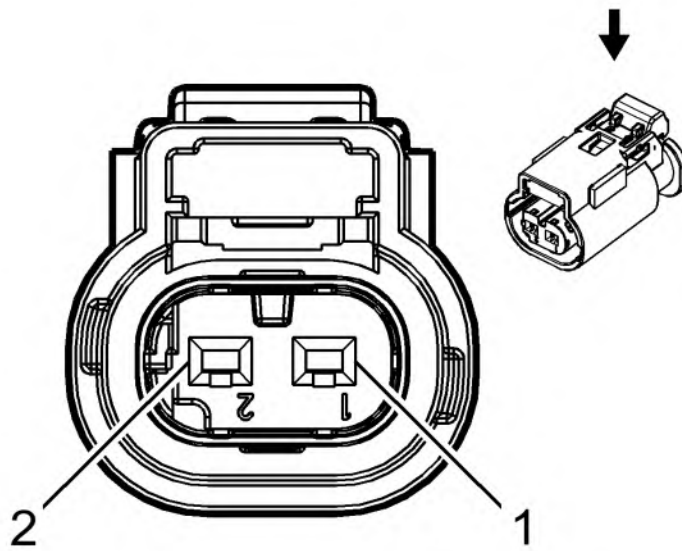
Terminal Part Information

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	BK/VT	6754	Cam Phaser X Low Reference	I	LUV
2	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	LUV

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LE2)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 10010338
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

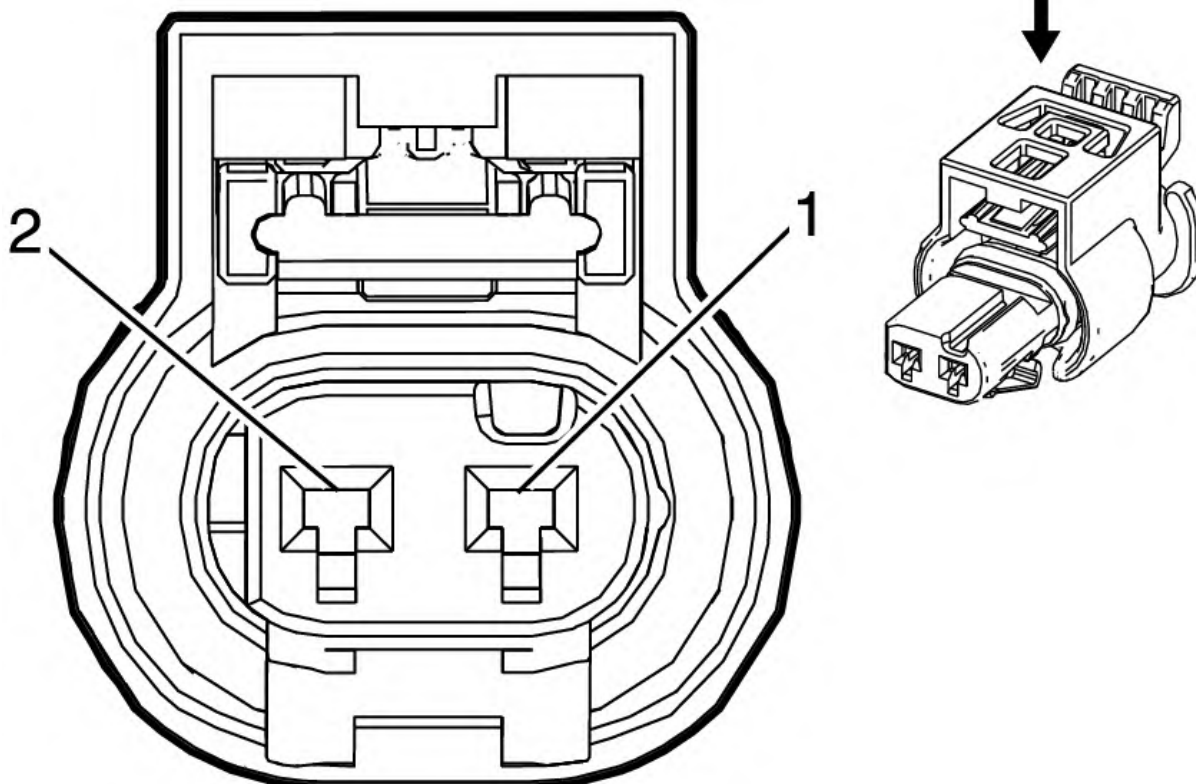
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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/BN	5284	Camshaft Phaser Intake Solenoid 1	I	LE2
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	LE2

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LUV)





Connector Part Information

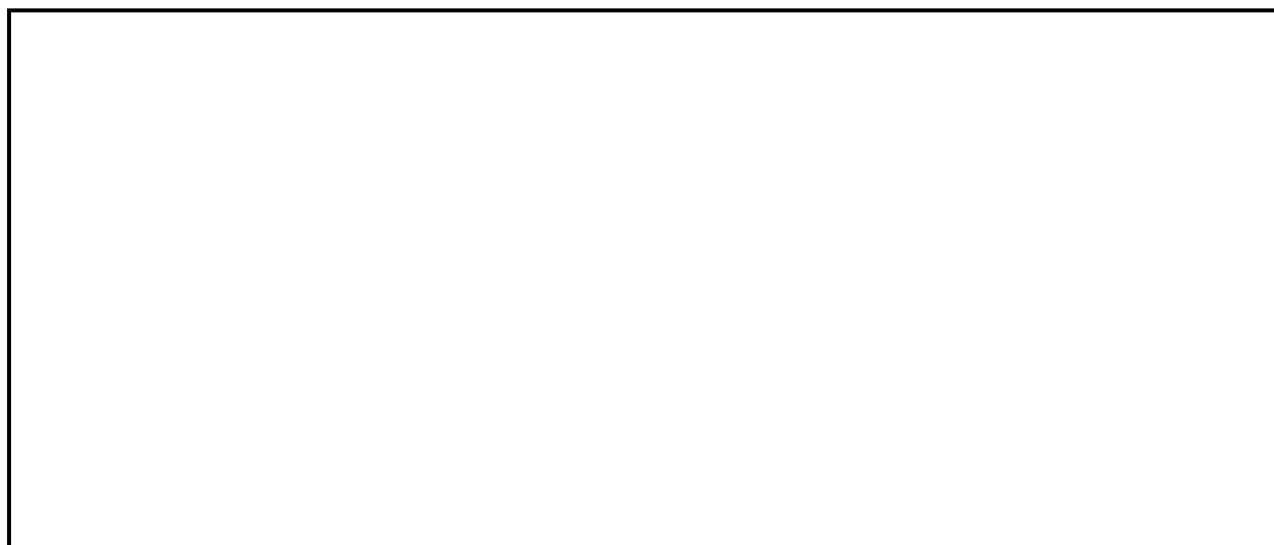
- Harness Type: Engine
- OEM Connector: 805-120-521
- Service Connector: 13577537
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

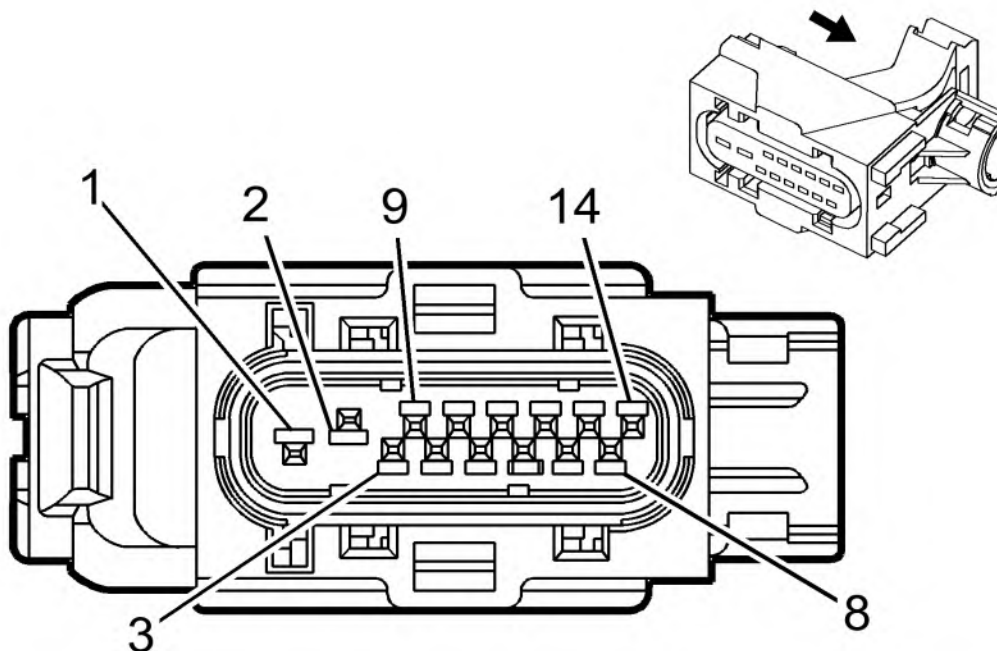
Terminal Part Information

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	BK/BN	6753	Cam Phaser W Low Reference	I	LUV
2	0.5	VT/BN	5284	Camshaft Phaser Intake Solenoid 1	I	LUV

Q8 CONTROL SOLENOID VALVE ASSEMBLY X1





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13522378
- Service Connector: 13503939
- Description: 14-Way F 150, 280 Series, Sealed (GY)

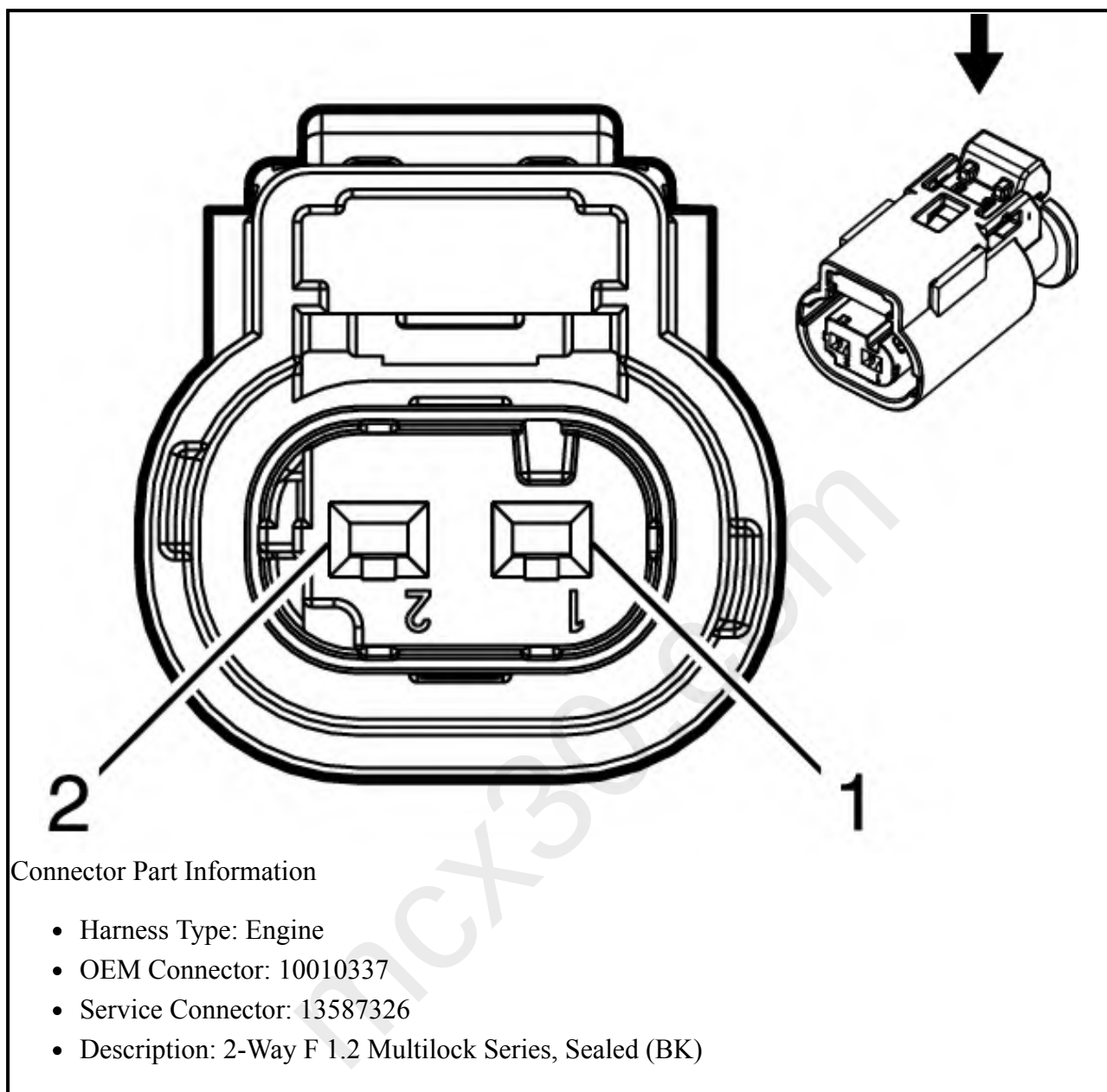
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575400	J-35616-14 (GN)	J-38125-553	15326267	Delphi 19	E	4
II	19167024	J-35616-4A (PU)	J-38125-553	15304719	Delphi 19	2	5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1 0.75	RD/VT RD/VT	340 340	Battery Positive Voltage Battery Positive Voltage	II II	MM1+KL9 MM1-KL9
2	0.75	BK	150	Ground	II	-
3	0.5	WH/GY	1786	Transmission Park/Neutral Signal 1	I	-
4 - 5	-	-	-	Not Occupied	-	-
6	0.5	BU	2500	High Speed GMLAN Serial Data (+) 1	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	6311	Cruise/ETC/TCC Brake Signal	I	MM1
11	-	-	-	Not Occupied	-	-
12	0.5	VT/BK	1239	Run/Crank Ignition 1 Voltage	I	-
13	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
14	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LE2)



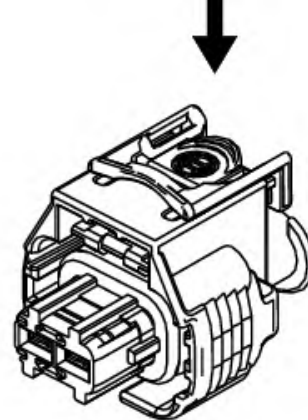
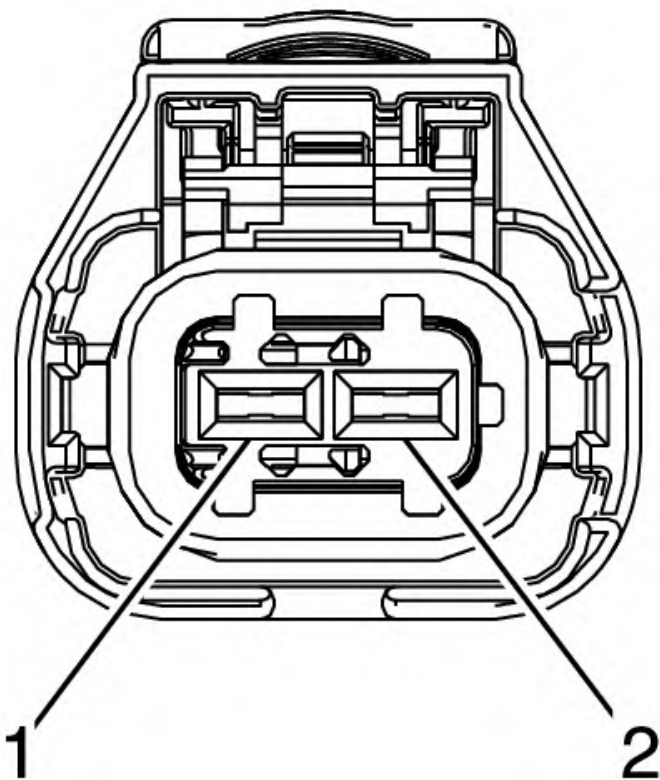
Terminal Part Information

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	5293	Powertrain Main Relay Fused Supply 4	I	LE2
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	LE2

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (2H0/LFH/LUV)





Connector Part Information

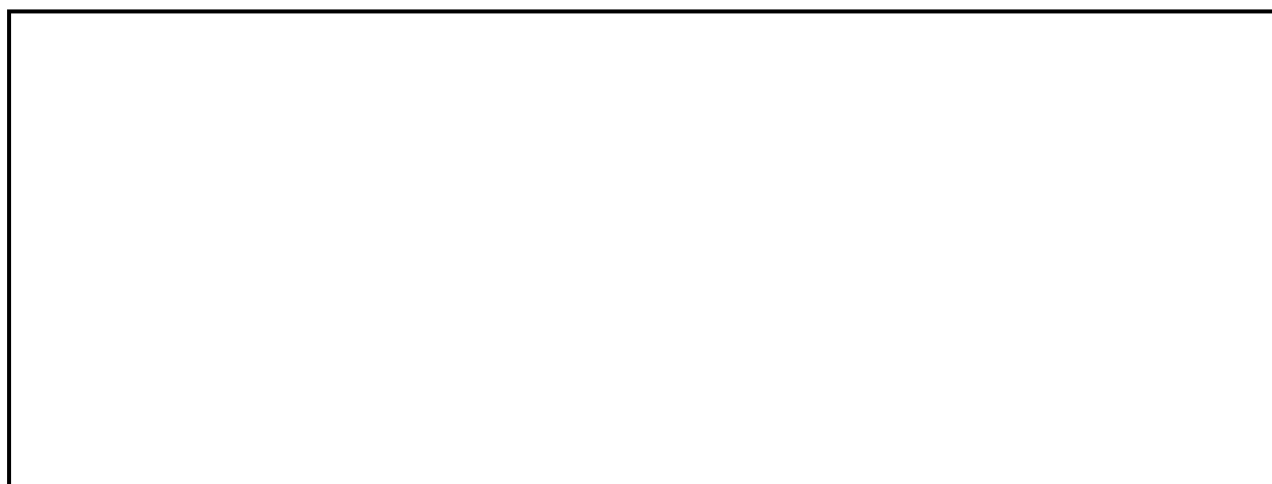
- Harness Type: Engine
- OEM Connector: 1928405714
- Service Connector: 13384371
- Description: 2-Way F 2.8 Series, Sealed (BK)

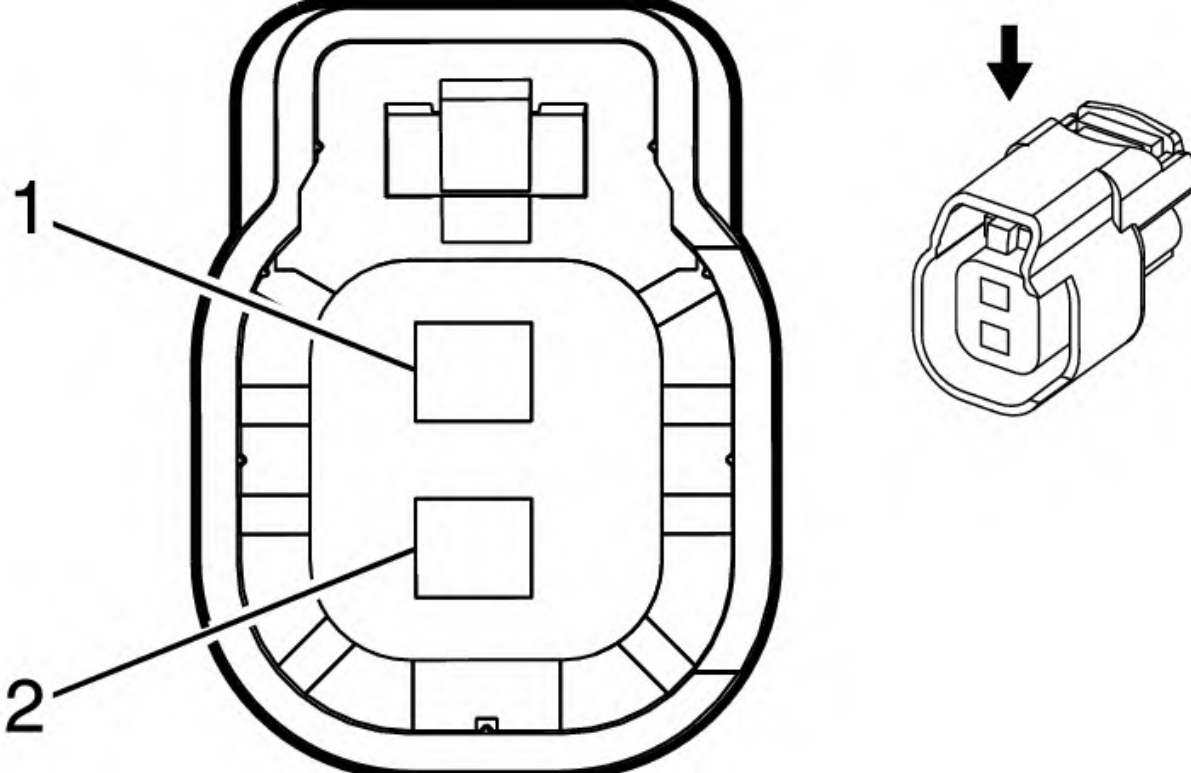
Terminal Part Information

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	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	LUV
2	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	LUV

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE





Connector Part Information

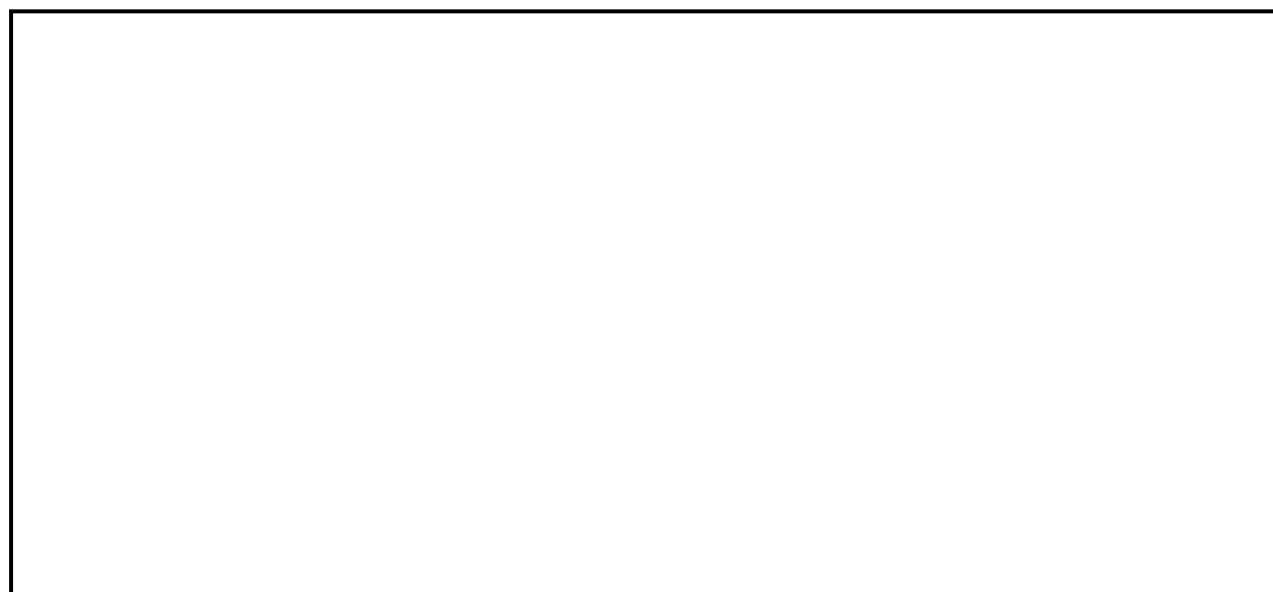
- Harness Type: Fuel Tank
- OEM Connector: 34062-0028
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

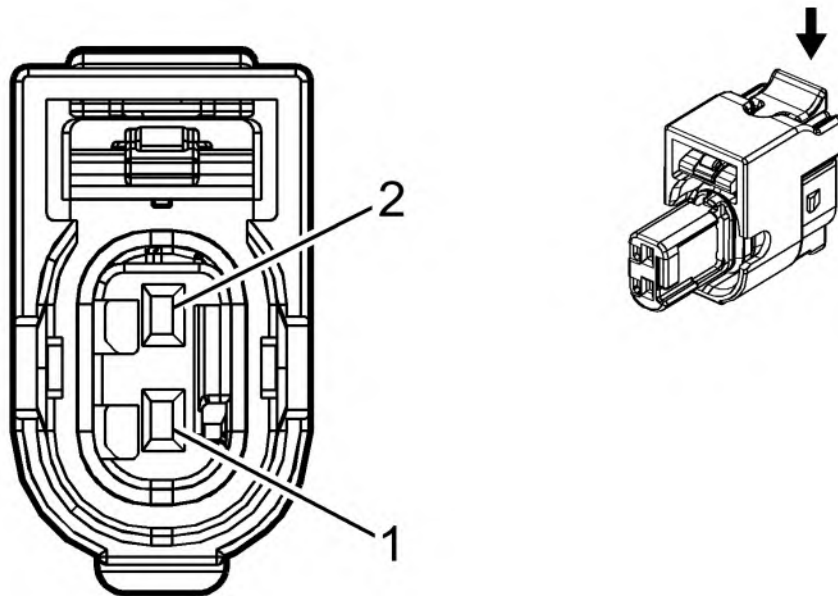
Terminal Part Information

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	0.5	WH	1310	EVAP Canister Vent Solenoid Control	I	NT7/NU5
2	0.5	RD/YE	3040	Battery Positive Voltage	I	NT7/NU5

Q17A FUEL INJECTOR 1 (LE2)





Connector Part Information

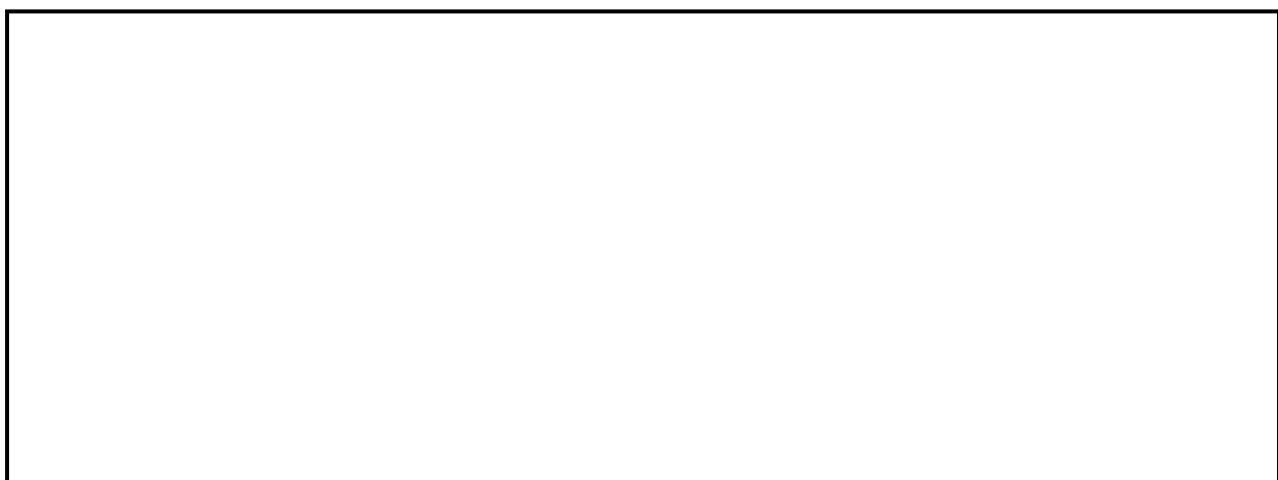
- Harness Type: Fuel Injector
- OEM Connector: 2098641-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BN)

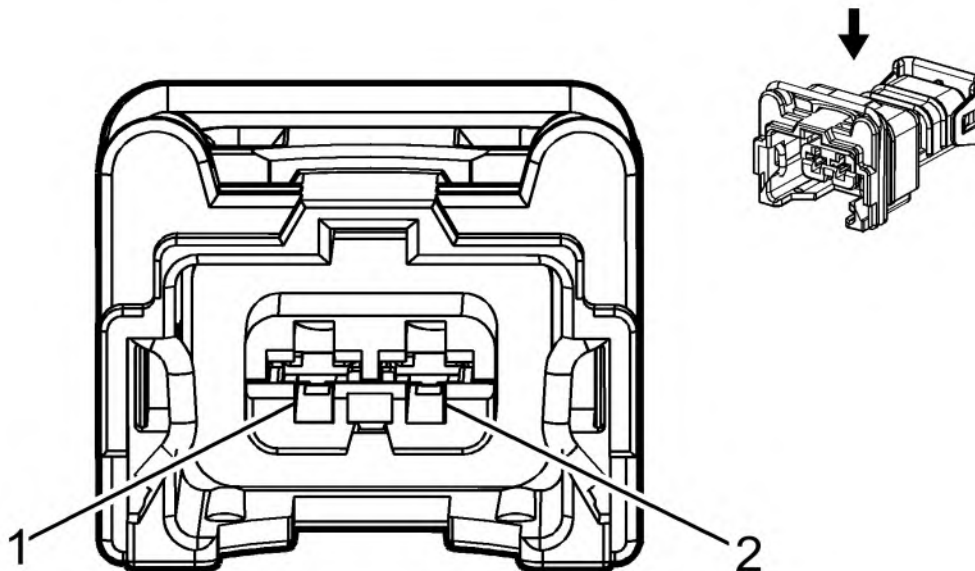
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BN/	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
2	-	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-

Q17A FUEL INJECTOR 1 (LUV)





Connector Part Information

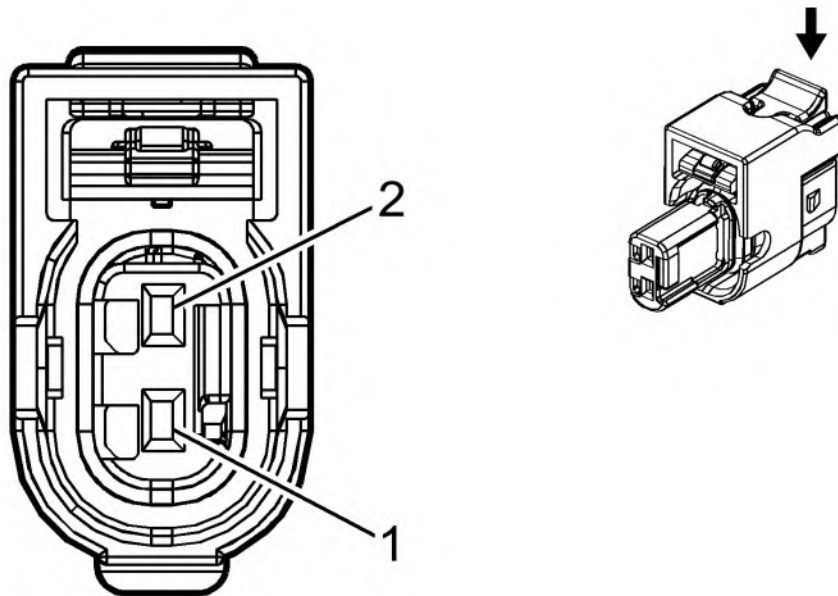
- Harness Type: Engine
- OEM Connector: PPI0001137
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

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	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	LUV
2	0.5	GN/YE	1744	Fuel Injector Control 1	I	LUV

Q17B FUEL INJECTOR 2 (LE2)



Connector Part Information

- Harness Type: FUEL INJECTOR
- OEM Connector: 2098641-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BN)

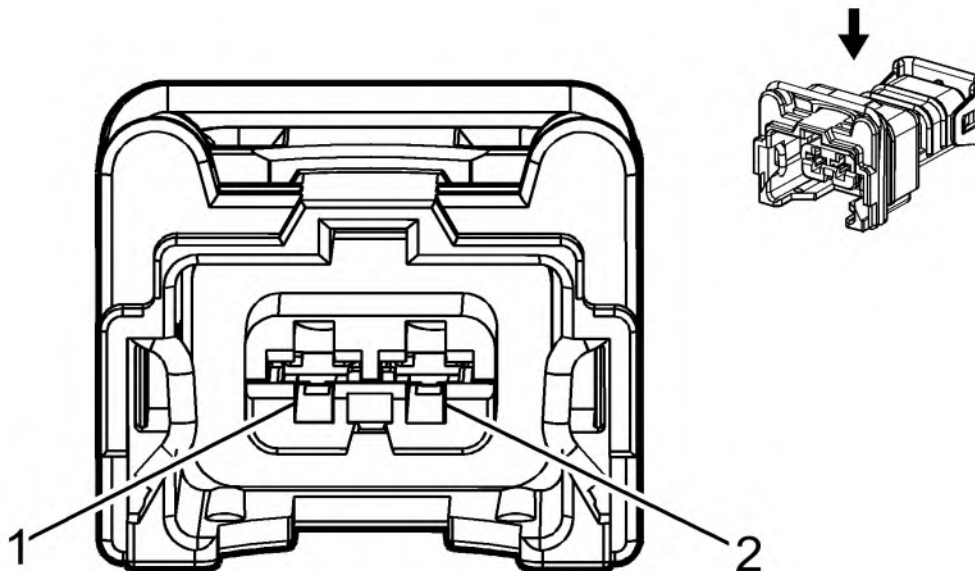
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	BU/	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
2	-	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-

Q17B FUEL INJECTOR 2 (LUV)





Connector Part Information

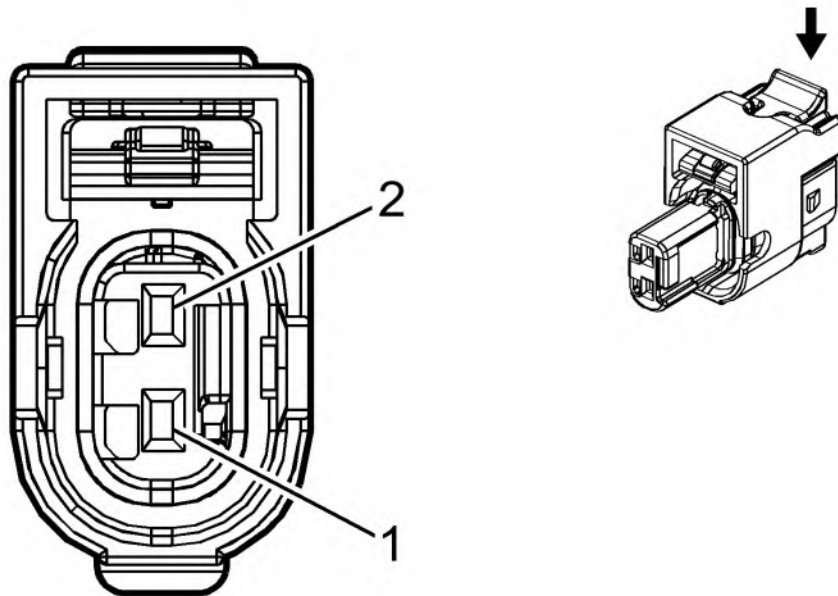
- Harness Type: Engine
- OEM Connector: PPI0001137
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

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	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	LUV
2	0.5	YE/WH	1745	Fuel Injector Control 2	I	LUV

Q17C FUEL INJECTOR 3 (LE2)



Connector Part Information

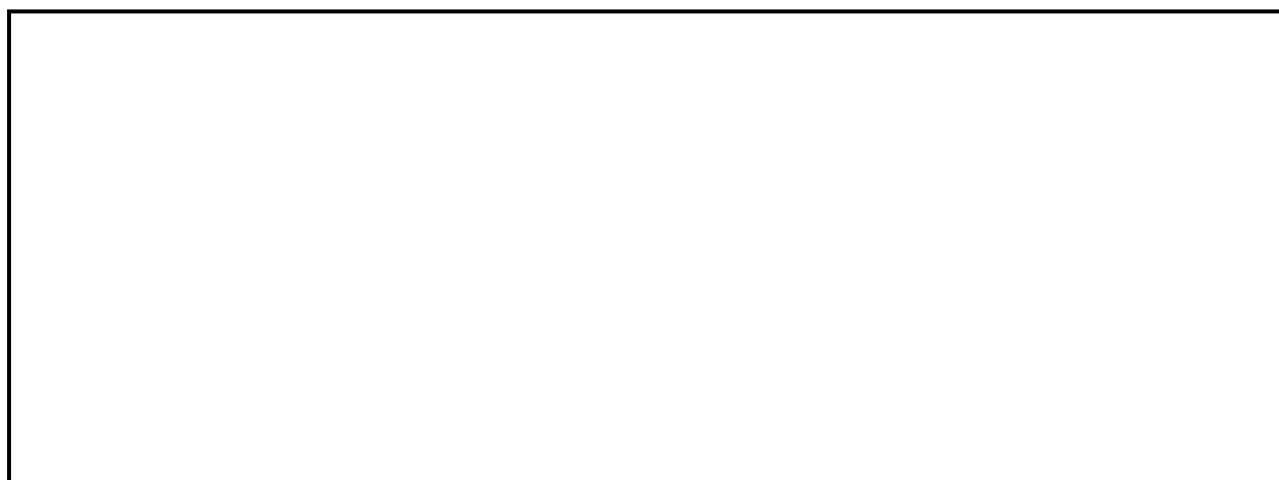
- Harness Type: Fuel Injector
- OEM Connector: 2098641-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BN)

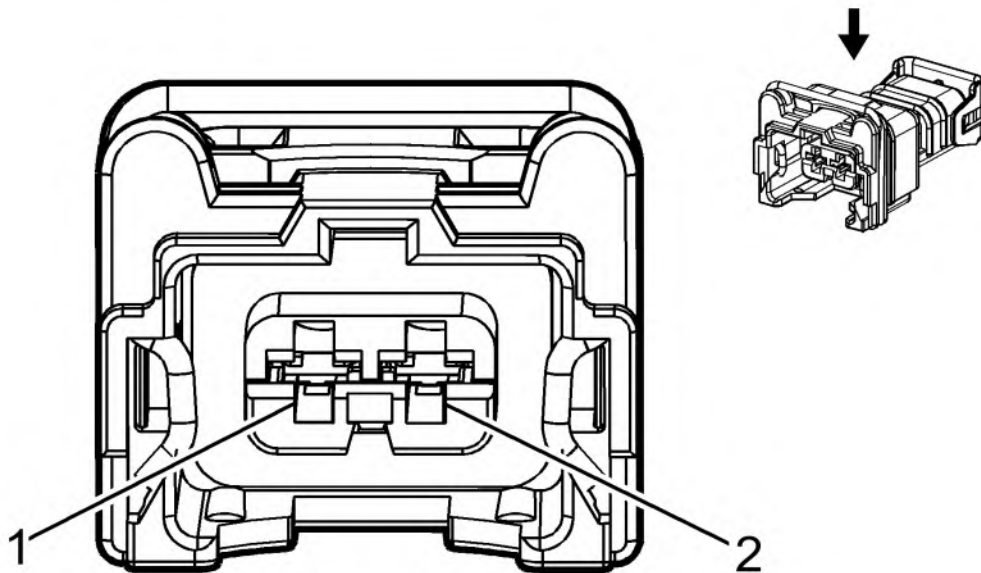
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GN/	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
2	-	GN/GY	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Q17C FUEL INJECTOR 3 (LUV)





Connector Part Information

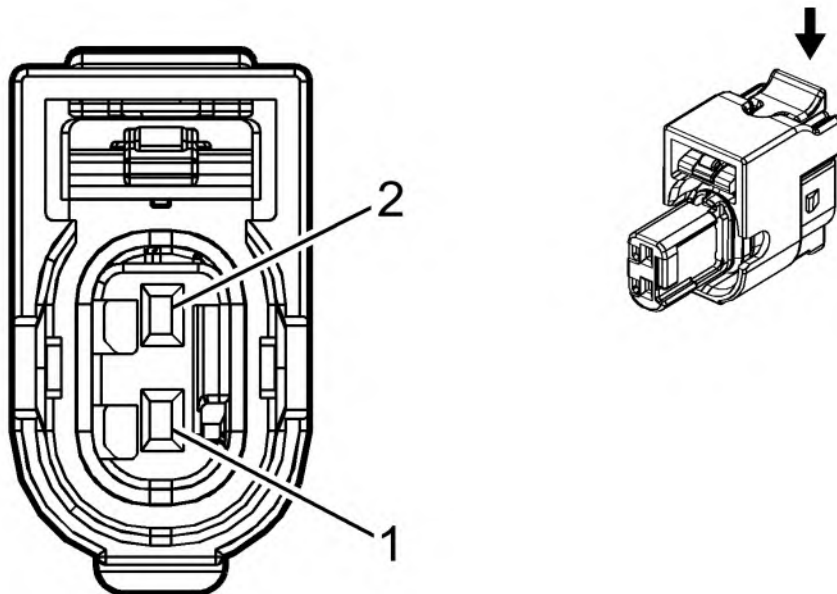
- Harness Type: Engine
- OEM Connector: PPI0001137
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

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	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	LUV
2	0.5	BN/VT	1746	Fuel Injector Control 3	I	LUV

Q17D FUEL INJECTOR 4 (LE2)



Connector Part Information

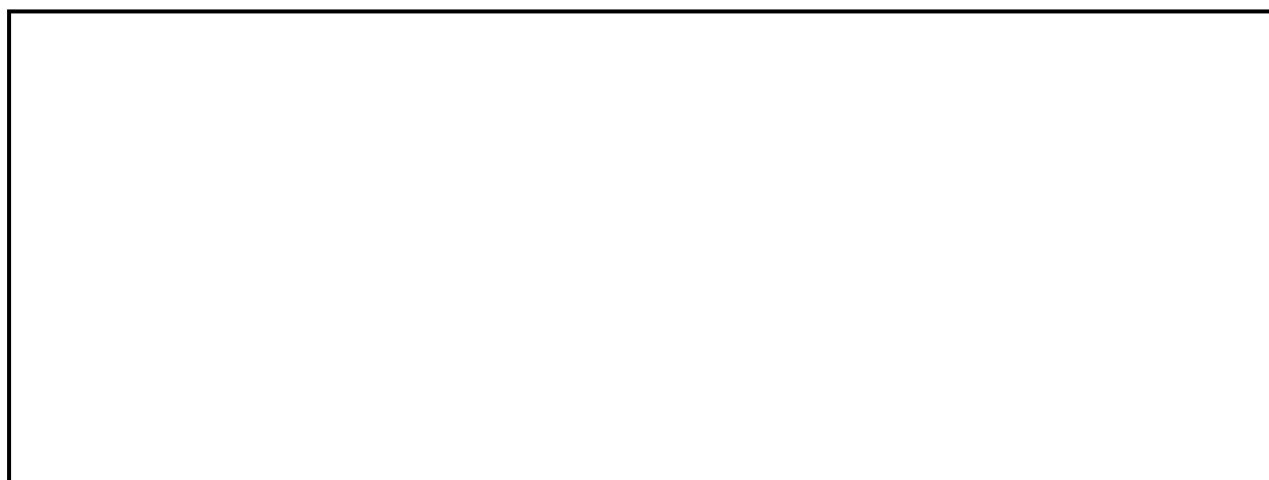
- Harness Type: Fuel Injector
- OEM Connector: 2098641-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BN)

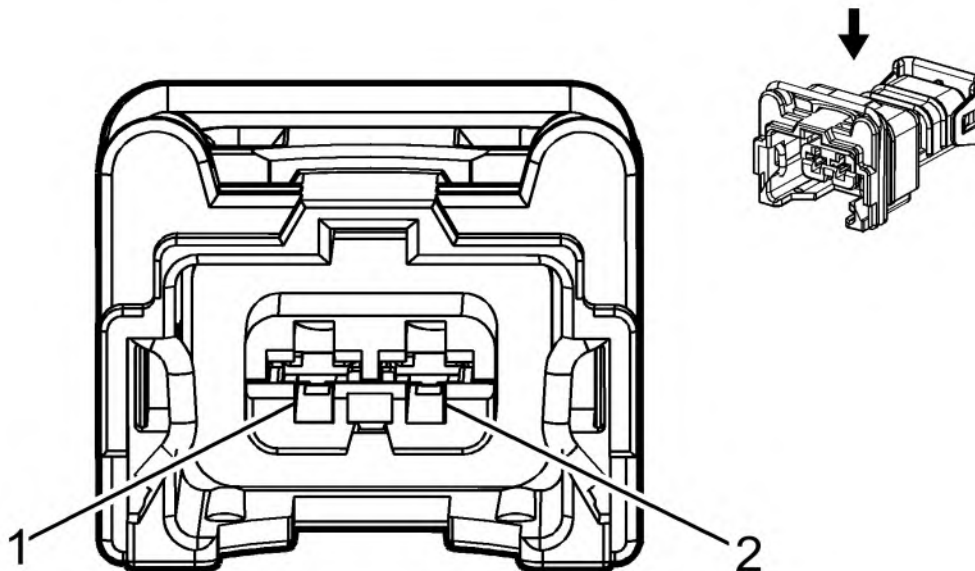
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
2	-	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

Q17D FUEL INJECTOR 4 (LUV)





Connector Part Information

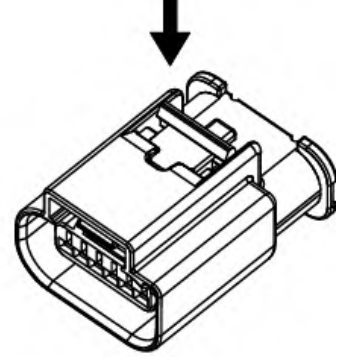
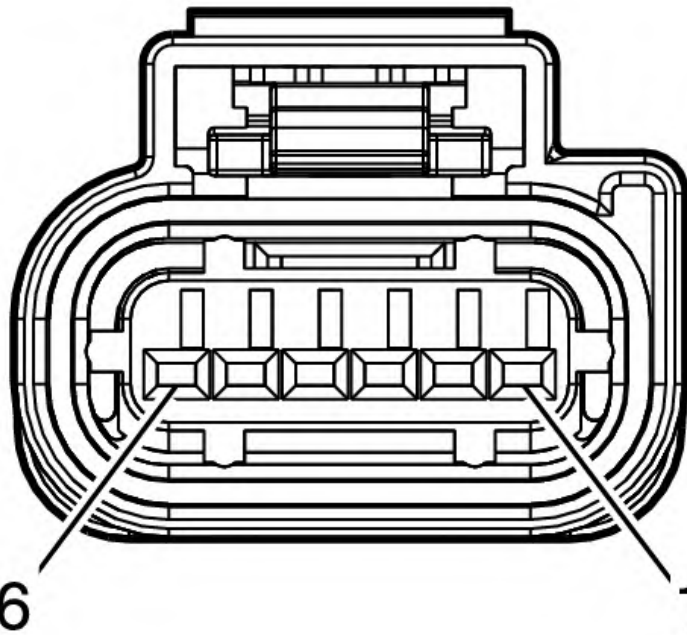
- Harness Type: Engine
- OEM Connector: PPI0001137
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

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	0.5	VT/BU	5291	Powertrain Main Relay Fused Supply 2	I	LUV
2	0.5	BN/YE	844	Fuel Injector Control 4	I	LUV

Q38 THROTTLE BODY (LE2)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 2272975-5
- Service Connector: 19352911
- Description: 6-Way F 1.2 MCON Series, Sealed (BK)

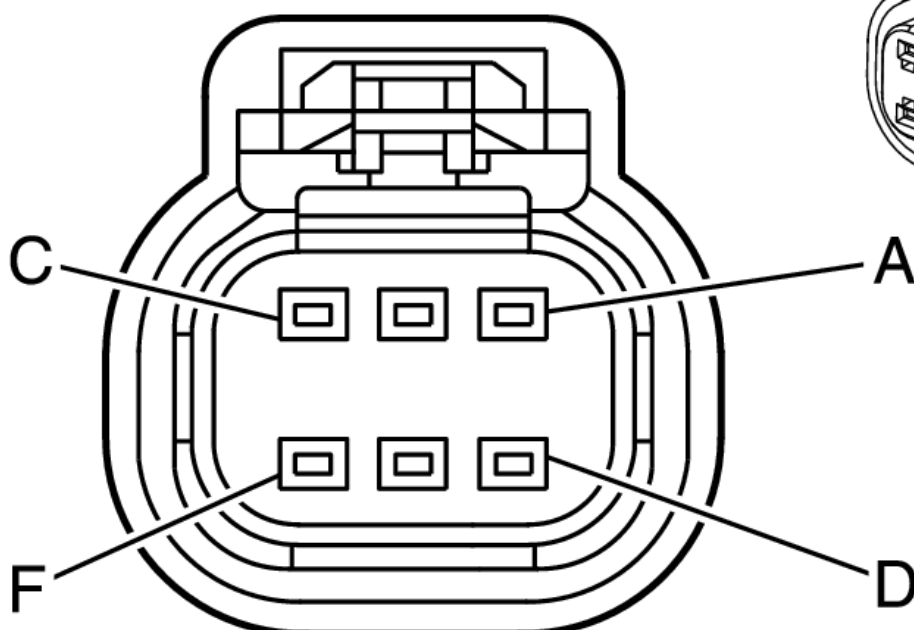
Terminal Part Information

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	YE	581	Throttle Actuator Control Open	I	LE2
2	0.5	BN/WH	582	Throttle Actuator Control Close	I	LE2
3	0.5	BU/WH	3630	Throttle Position Sensor (SENT1) Signal	I	LE2
4	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	LE2
5	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	LE2
6	-	-	-	Not Occupied	-	-

Q38 THROTTLE BODY (2H0/LUV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 15355297
- Service Connector: 13584095
- Description: 6-Way F 150 GT Series, Sealed (BK)

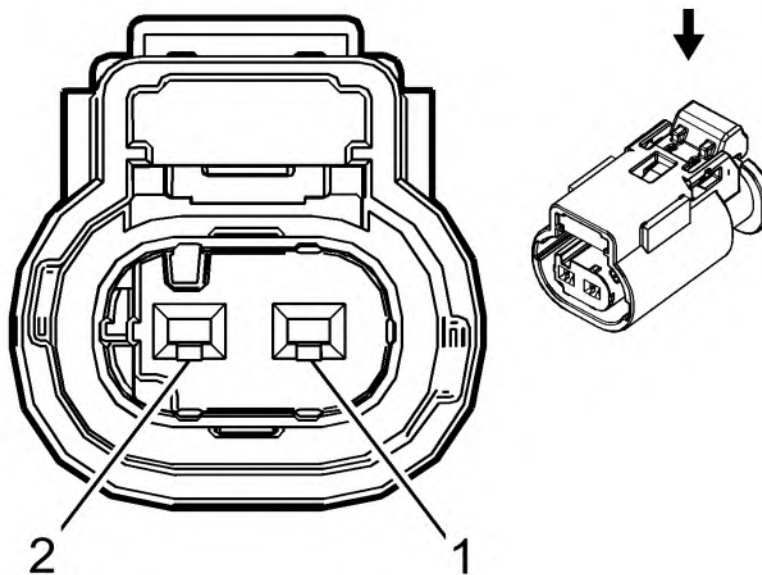
Terminal Part Information

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	0.75	BN/WH	582	Throttle Actuator Control Close	I	LUV
B	0.75	YE	581	Throttle Actuator Control Open	I	LUV
C	0.5	BK/BN	2752	Throttle Position Sensor Low Reference	I	LUV
D	0.5	BN/GN	485	Throttle Position Sensor Signal 1	I	LUV
E	0.5	BN/RD	2701	Throttle Position Sensor 5V Reference	I	LUV
F	0.5	BN/BU	486	Throttle Position Sensor Signal 2	I	LUV

Q40 TURBOCHARGER BYPASS SOLENOID VALVE (LE2)





Connector Part Information

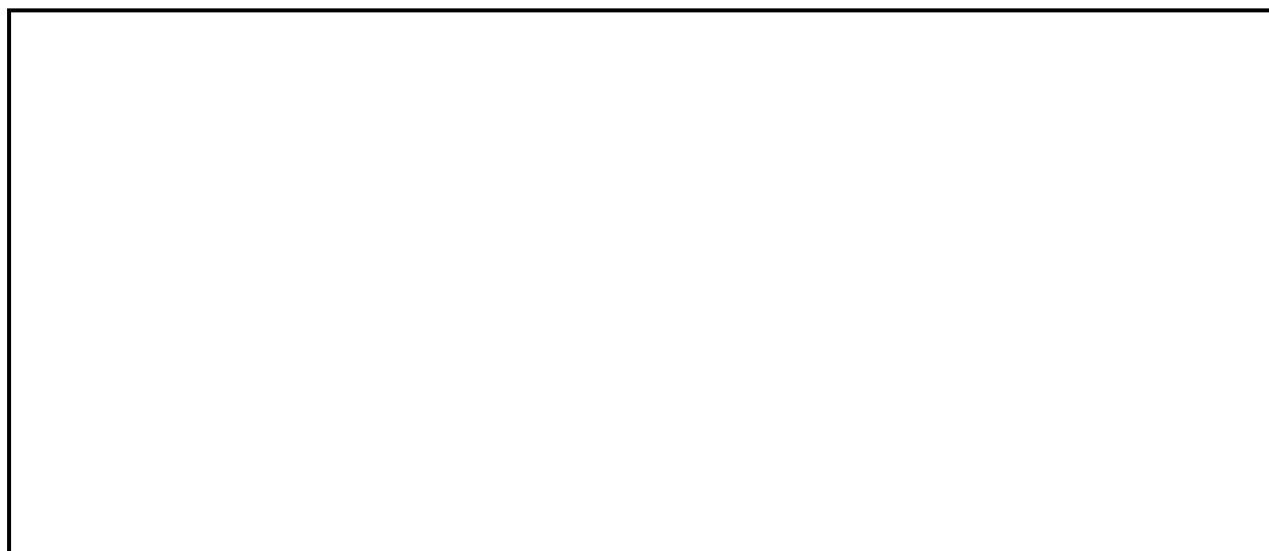
- Harness Type: Engine
- OEM Connector: 10010339
- Service Connector: 13587321
- Description: 2-Way F 1.2 Multilock Series, Sealed (D-GY)

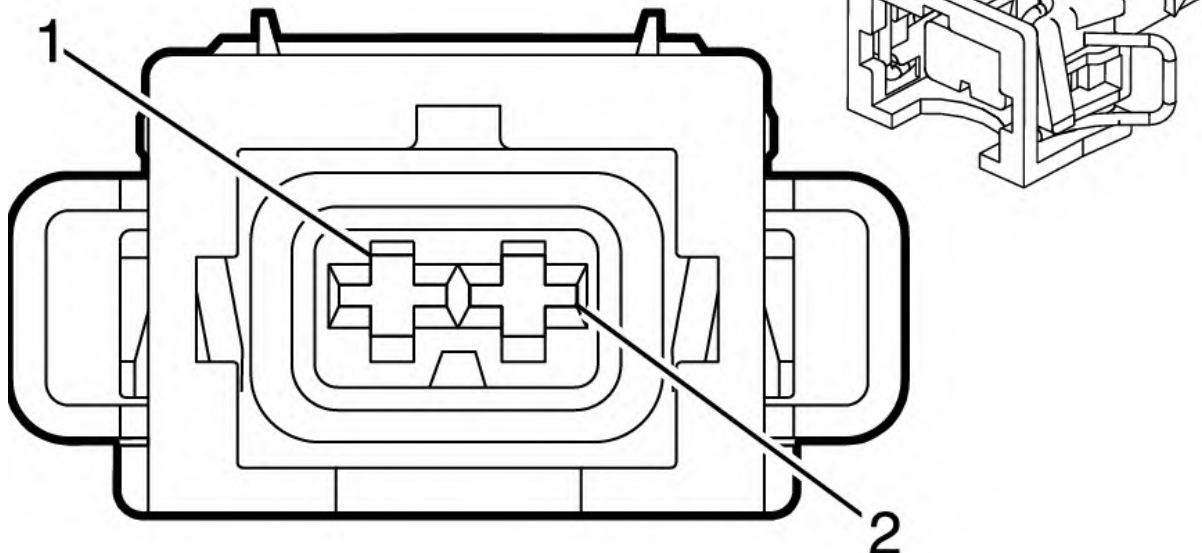
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	5293	Powertrain Main Relay Fused Supply 4	I	LE2
2	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	LE2

Q40 TURBOCHARGER BYPASS SOLENOID VALVE (LUV)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 12131678
- Service Connector: 89046833
- Description: 2-Way F 2.8 Junior Power 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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	LUV
2	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	LUV