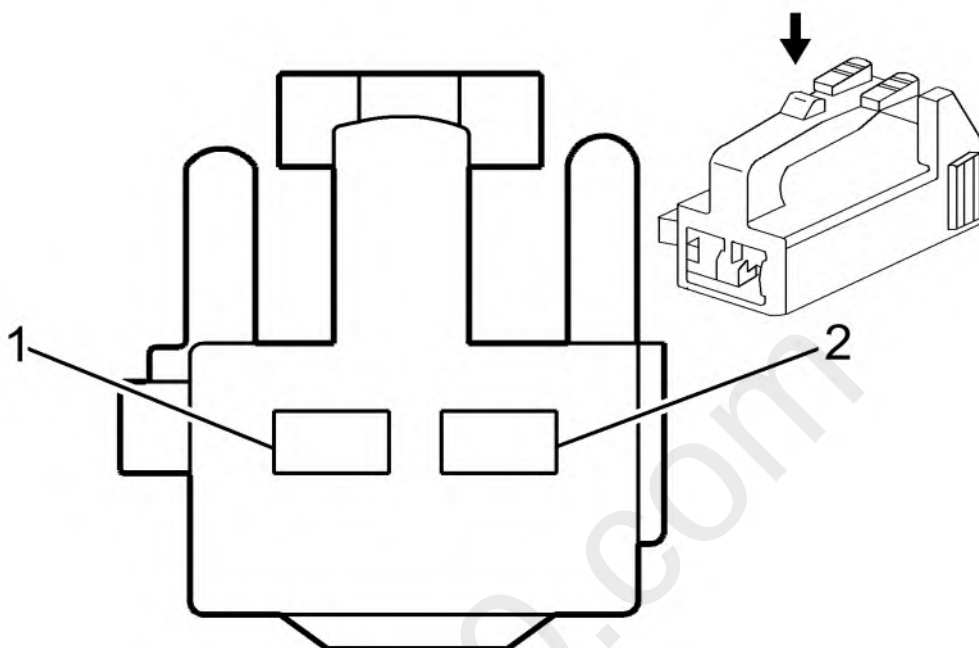


2018 ELECTRICAL**Component Connector End Views (M109RR - S70R) - Traverse****COMPONENT CONNECTOR END VIEWS****M109RR FOLDING SEAT BACK UNLATCH MOTOR - 3RD ROW RIGHT (AS8)****Connector Part Information**

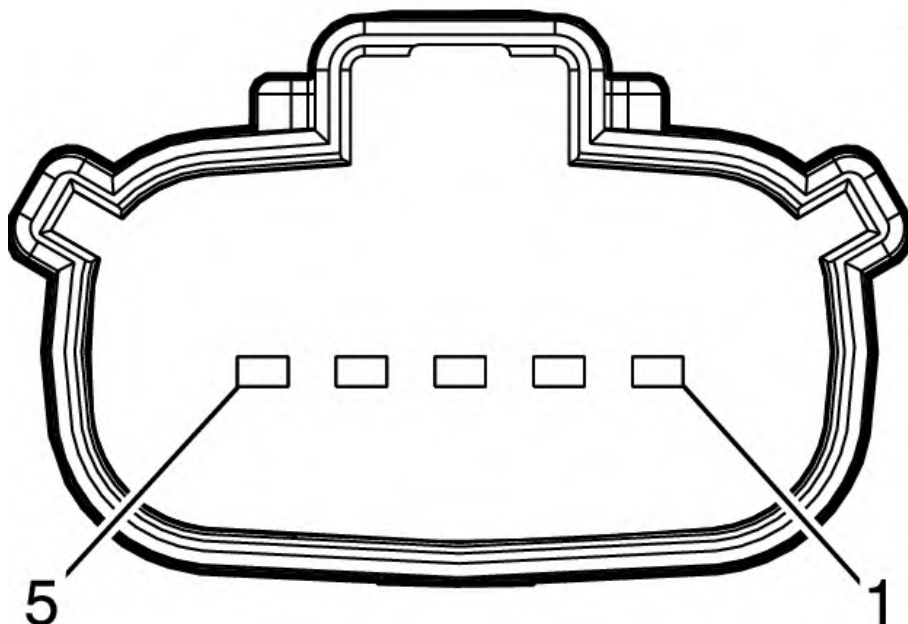
- Harness Type: Right Rear Seat
- OEM Connector: 7283-1020
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 2.3 Series (NA)

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	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	VT/GY	4225	RH Third Row Seat Recline Forward Lock Actuator Control	I	-
2	1.5	GN	4226	RH Third Row Seat Recline Rearward Lock Actuator Control	I	-

M115 POWER TRANSFER UNIT SHIFT ACTUATOR (F48)



Connector Part Information

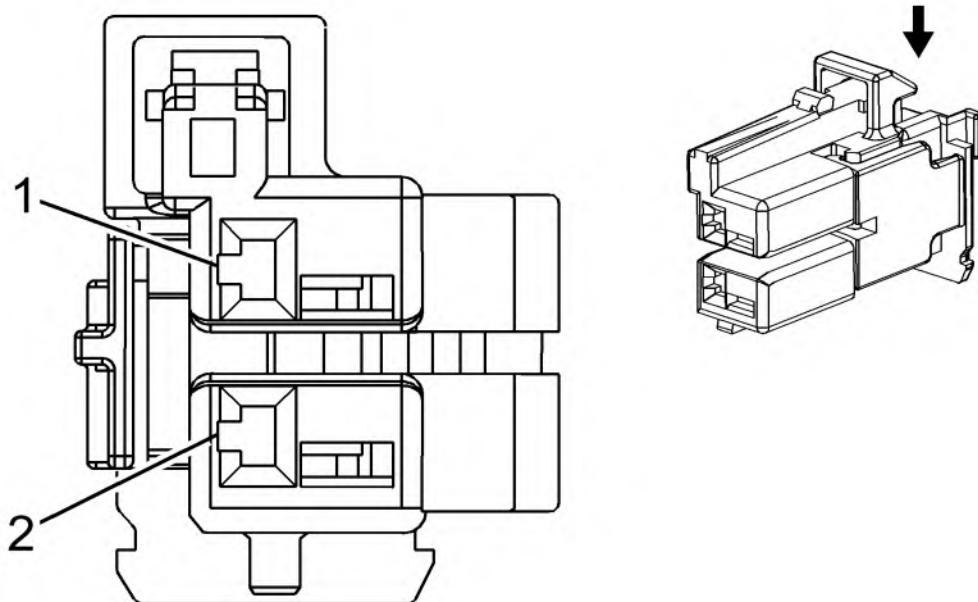
- Harness Type: Engine
- OEM Connector: 13503504
- Service Connector: 19367568
- Description: 5-Way F 150 MX Series, Sealed (BK)

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	-
2	0.5	WH/RD	3847	All Wheel Drive Power Transfer Unit Position Sensor Voltage Reference	I	-
3	0.5	BK/VT	3846	All Wheel Drive Power Transfer Unit Position Sensor Low Reference	I	-
4	1.5	BN/GN	3945	All Wheel Drive Power Transfer Motor Control B	I	-
5	1.5	VT/BN	3944	All Wheel Drive Power Transfer Motor Control A	I	-

M123 TRANSMISSION PARK VALVE LOCK SOLENOID ACTUATOR (M3W)



Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

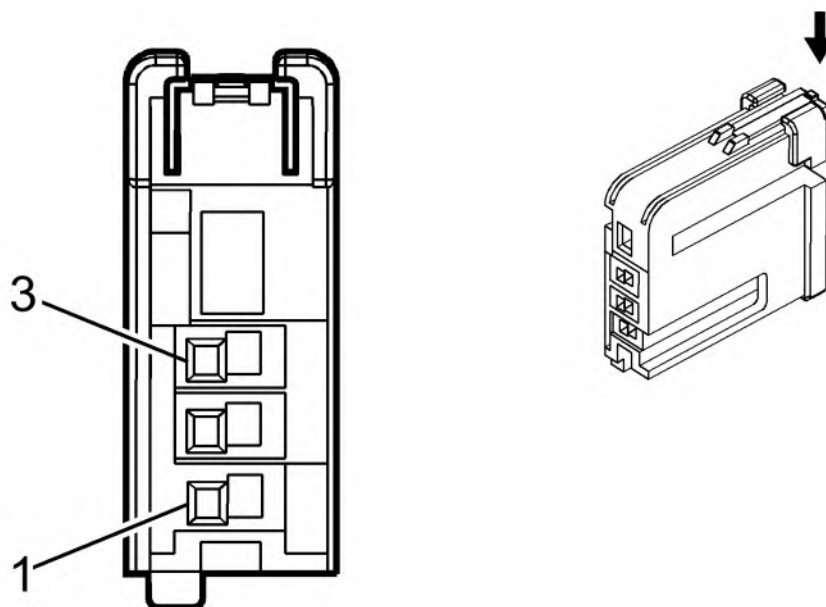
Terminal Part Information

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	-
2	0.5	VT/BK	7553	Park Lock Solenoid Control	I	-

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)

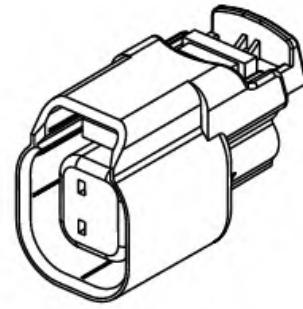
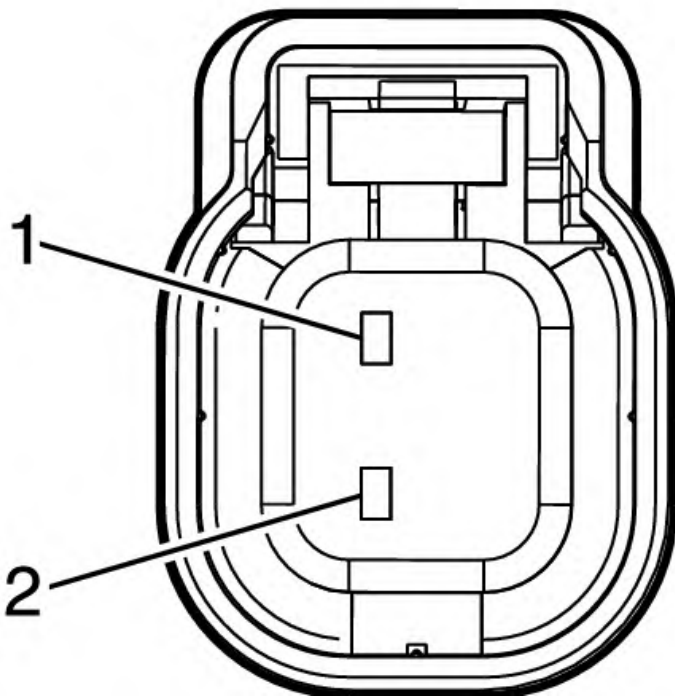
Terminal Part Information

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/GN	70	RAP Relay Switch Control	I	-
2	0.35	GN/BU	6133	Local Interconnect Network Serial Data Bus 2	I	-
3	0.35	BK	1650	Ground	I	X88

P12L HORN - LEFT





Connector Part Information

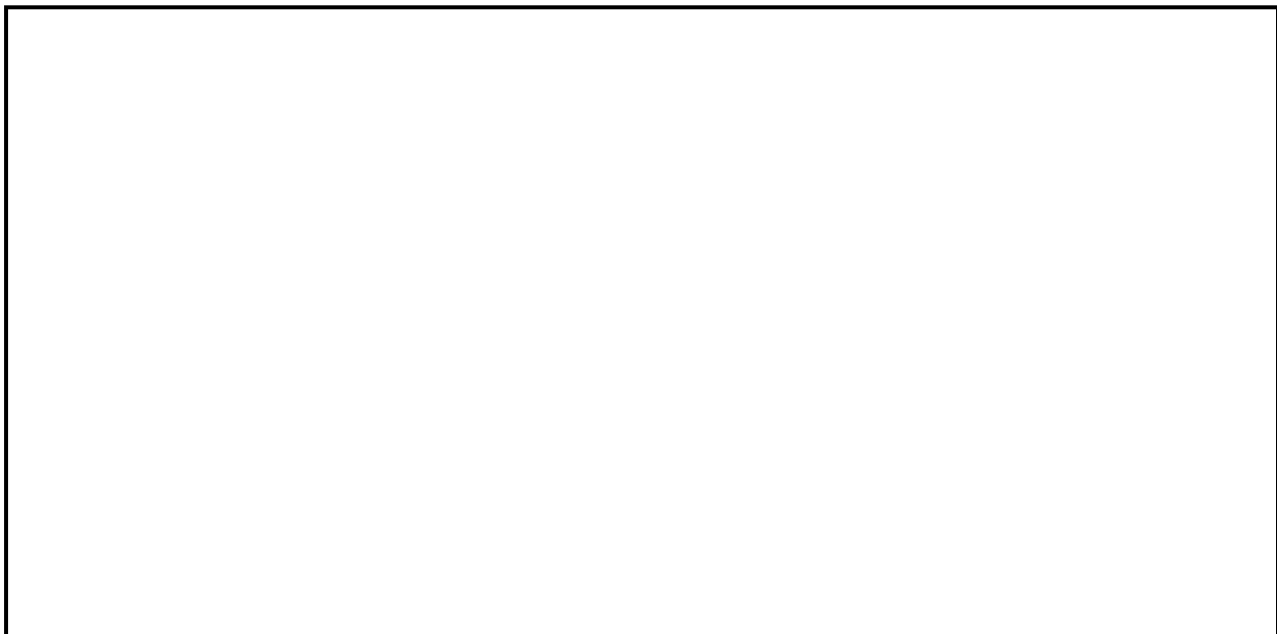
- Harness Type: Forward Lamp
- OEM Connector: 13503510
- Service Connector: 19367569
- Description: 2-Way F 1.5 Series, Sealed (BK)

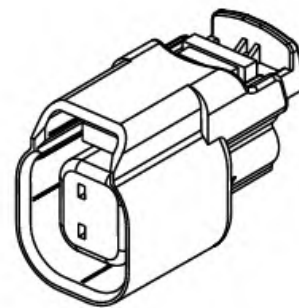
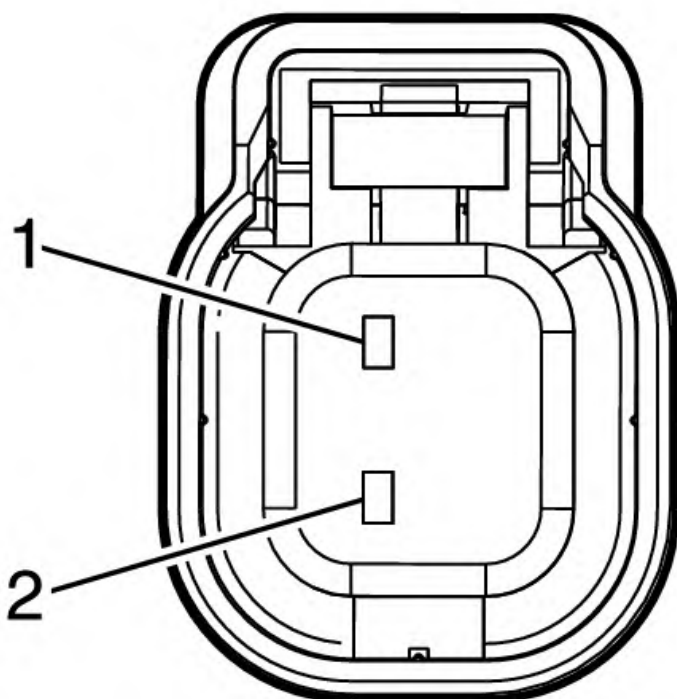
Terminal Part Information

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	1.5	BK	150	Ground	I	-
2	1.5	BN/GY	29	Horn Control	I	-

P12R HORN - RIGHT





Connector Part Information

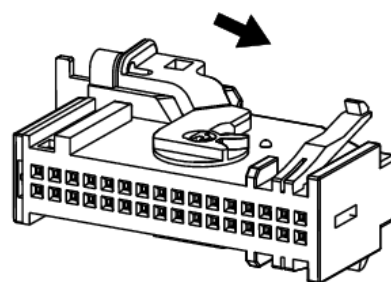
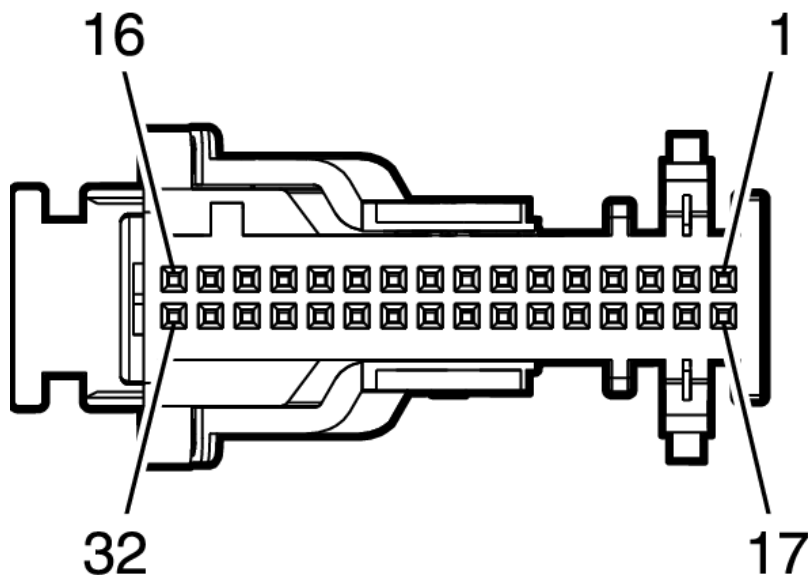
- Harness Type: Forward Lamp
- OEM Connector: 13503510
- Service Connector: 19367569
- Description: 2-Way F 1.5 Series, Sealed (BK)

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	1.5	BK	250	Ground	I	-
2	1.5	BN/GY	29	Horn Control	I	-

P16 INSTRUMENT CLUSTER



Connector Part Information

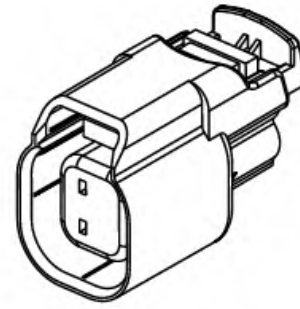
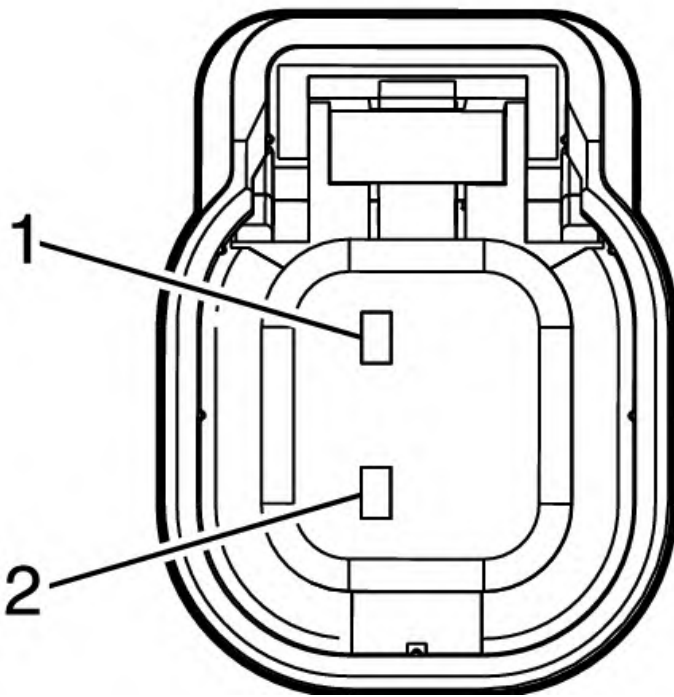
- Harness Type: Instrument Panel
- OEM Connector: 90587345
- Service Connector: 88988405
- Description: 32-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575859	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/VT	3938	MOST Serial Data (-) 2	II	-
2	0.35	GY/YE	3937	MOST Serial Data (+) 2	II	-
3	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	-
4	-	-	-	Not Occupied	-	-
5	0.35	WH/VT	3999	MOST Control	II	-
6	-	-	-	Not Occupied	-	-
7	0.35	RD/GY	2840	Battery Positive Voltage	II	-
8	0.35	VT/BK	139	Run/Crank Ignition 1 Voltage	II	-
9	0.35	GY/BU	893	Driver Information Center Select Menu Switch Signal	II	-
10 - 11	-	-	-	Not Occupied	-	-
12	0.35	GY/YE	3885	Forward Collision Alert LED Control	II	-
13	0.35	BK/BN	897	Driver Information Center Switch Low Reference	II	-
14	0.35	GN/WH	1358	Driver Information Center Switch Signal	II	-
15	-	-	-	Not Occupied	-	-
16	0.35	BN/WH	419	Check Engine Indicator Control	II	-
17	0.35	GY/VT	3998	MOST Serial Data (+)	II	-
18	0.35	WH/GN	3997	MOST Serial Data (-)	II	-
19	0.5	BK	1750	Ground	I	-
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	-
31 - 32	-	-	-	Not Occupied	-	-

P19AC SPEAKER - SUBWOOFER (UQA)



Connector Part Information

- Harness Type: Body
- OEM Connector: 13581410
- Service Connector: 19352068
- Description: 2-Way F 1.5 Series, Sealed (BK)

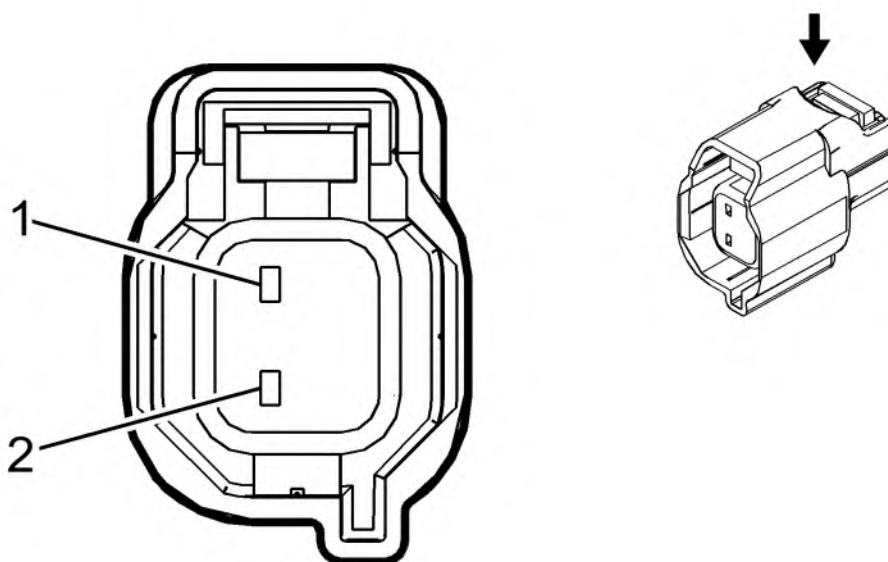
Terminal Part Information

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	1	BU/GY	346	Left/Rear Subwoofer Speaker Control (+)	I	UQA
2	1	GY/BK	315	Right Subwoofer Speaker (-) Low Reference	I	UQA

P19AG SPEAKER - LEFT FRONT DOOR (UQA)





Connector Part Information

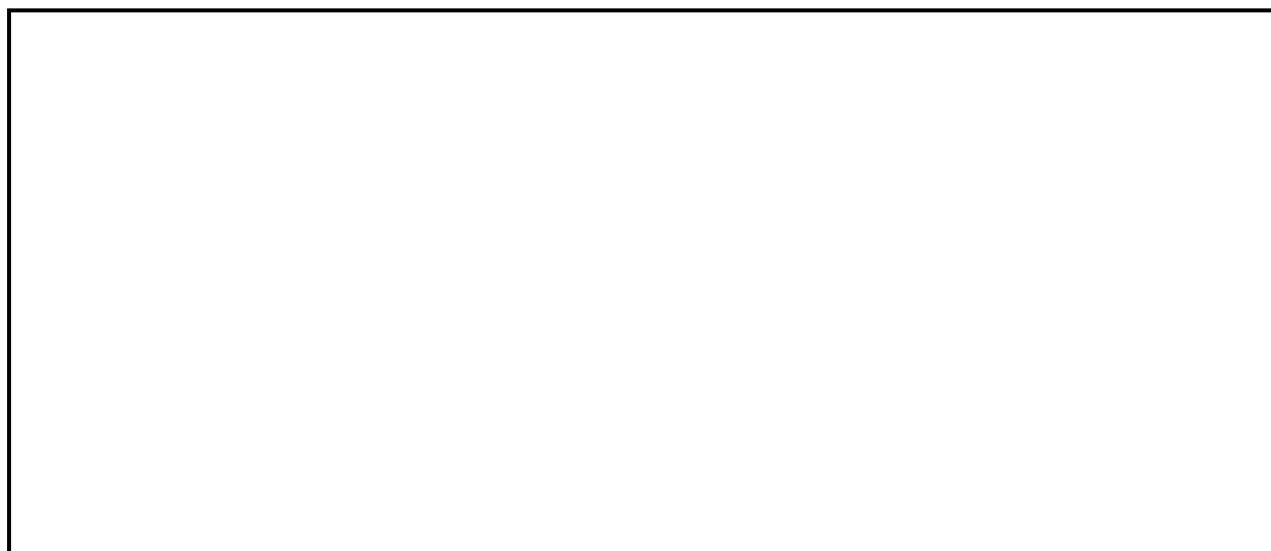
- Harness Type: Driver Door
- OEM Connector: 13503509
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

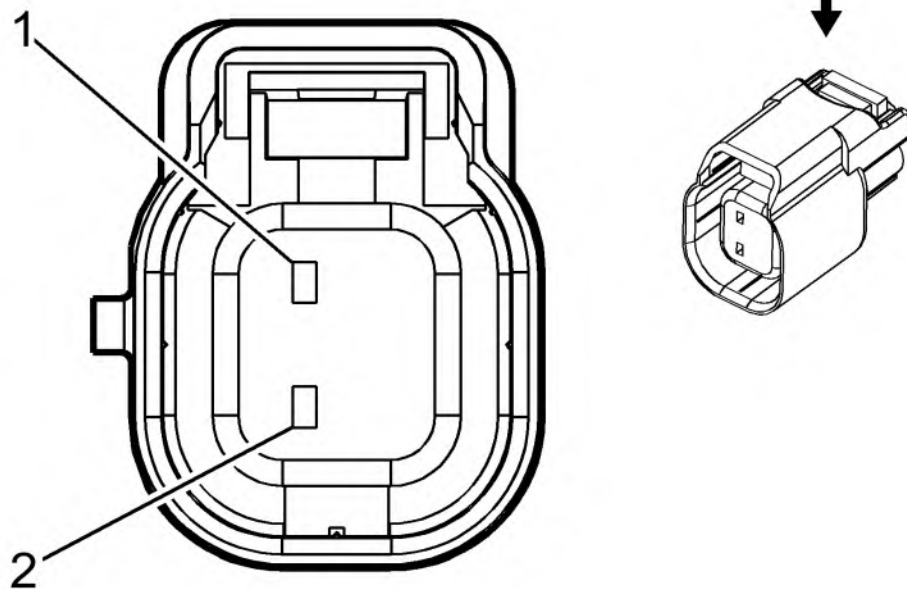
Terminal Part Information

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	1	BN/BU	118	Left Front Speaker Signal (-)	I	-
2	1	BU	201	Left Front Speaker Control (+)	I	-

P19AG SPEAKER - LEFT FRONT DOOR (UQF)





Connector Part Information

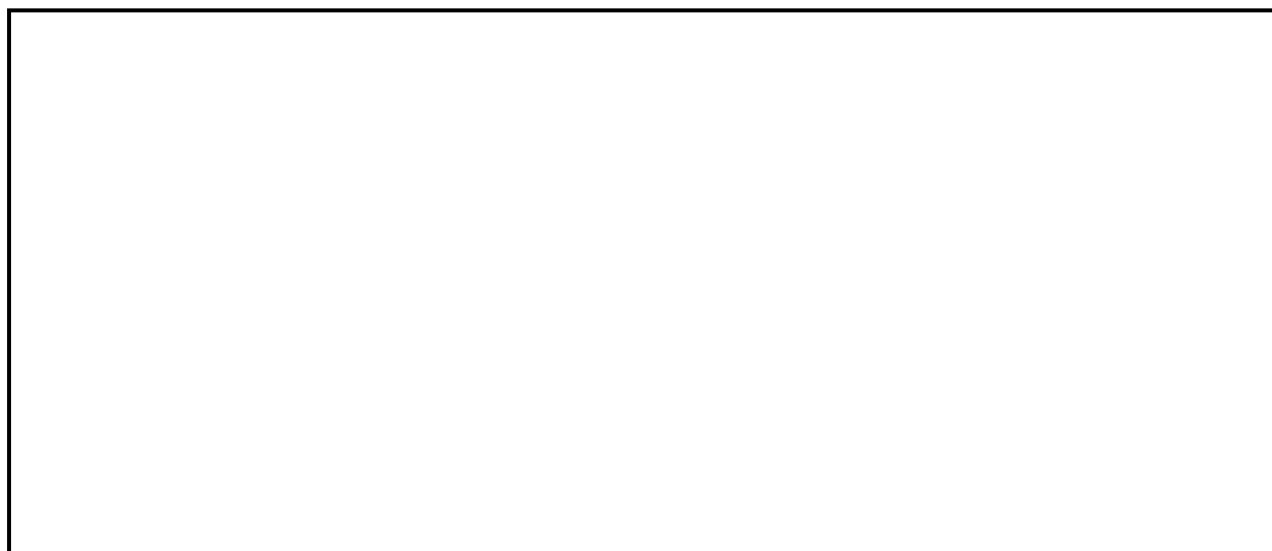
- Harness Type: Driver Door
- OEM Connector: 13582919
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

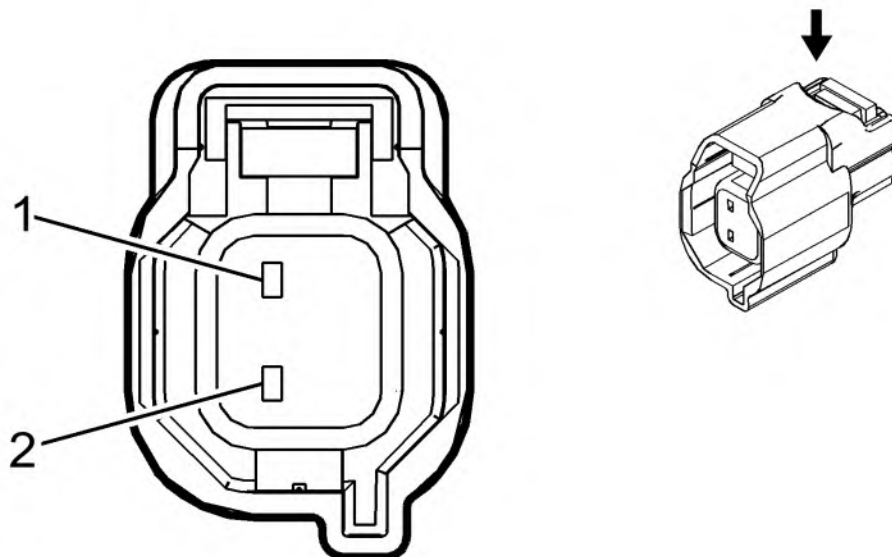
Terminal Part Information

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	BN/BU	118	Left Front Speaker Signal (-)	I	-
2	0.75	BU	201	Left Front Speaker Control (+)	I	-

P19AH SPEAKER - RIGHT FRONT DOOR (UQA)





Connector Part Information

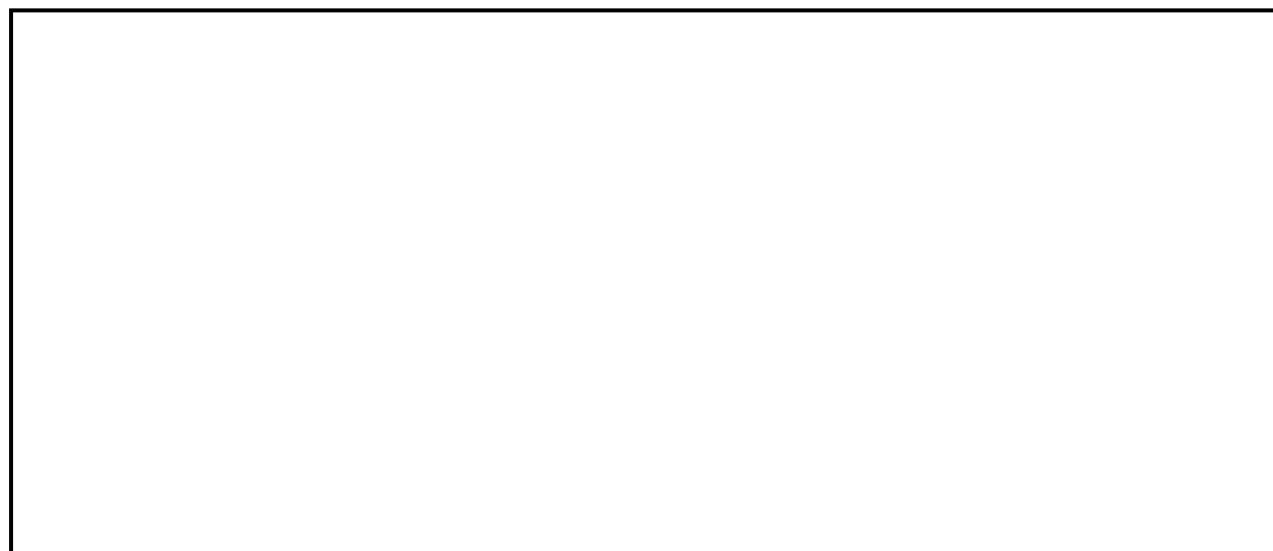
- Harness Type: Passenger Door
- OEM Connector: 13503509
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

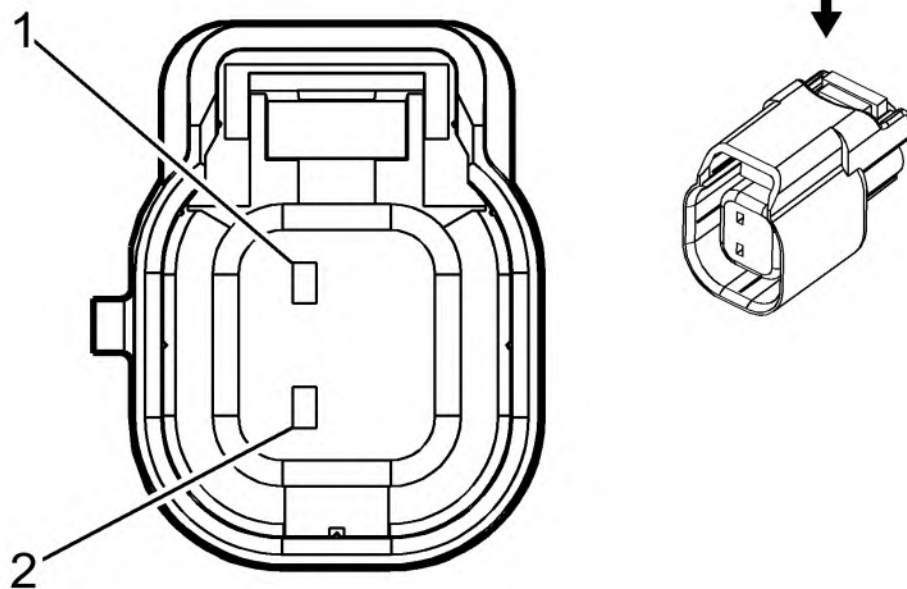
Terminal Part Information

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	1	YE/BK	117	Right Front Speaker Signal (-) 1	I	UQA
2	1	YE	200	Right Front Speaker Control (+) 1	I	UQA

P19AH SPEAKER - RIGHT FRONT DOOR (UQF)





Connector Part Information

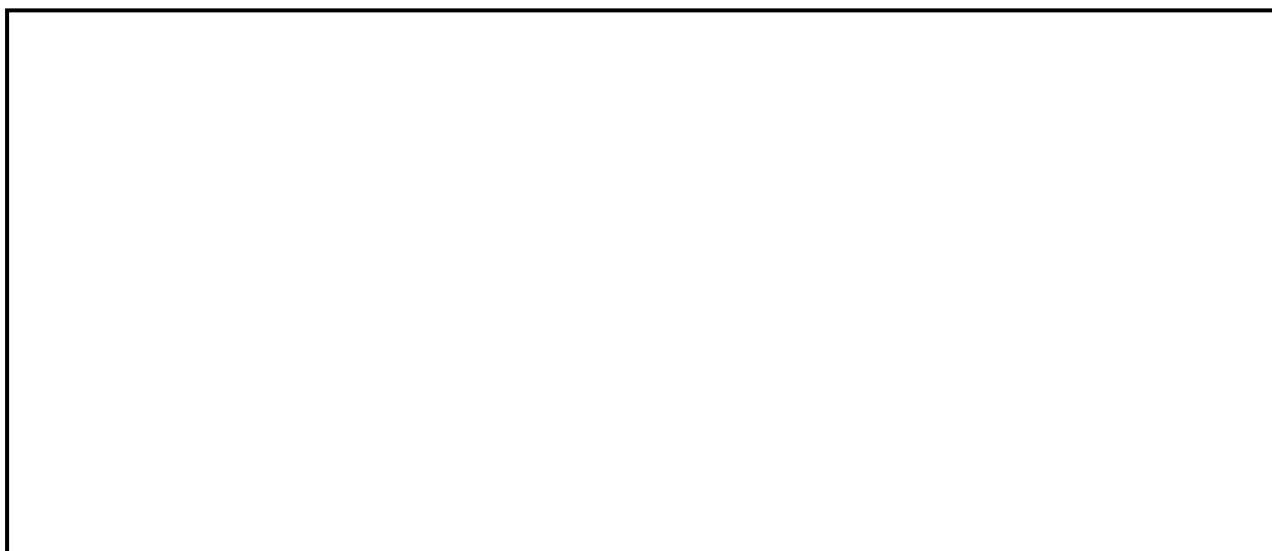
- Harness Type: Passenger Door
- OEM Connector: 13582919
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

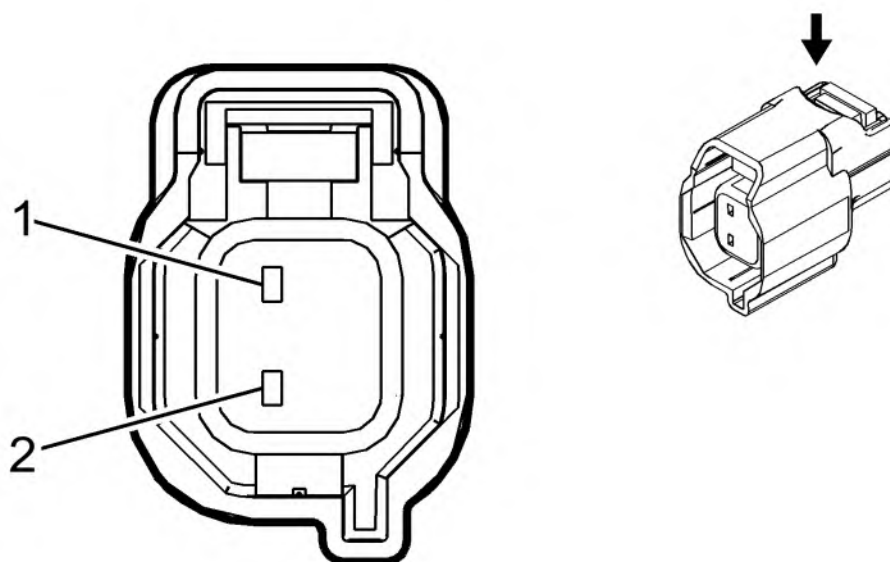
Terminal Part Information

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	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQA)





Connector Part Information

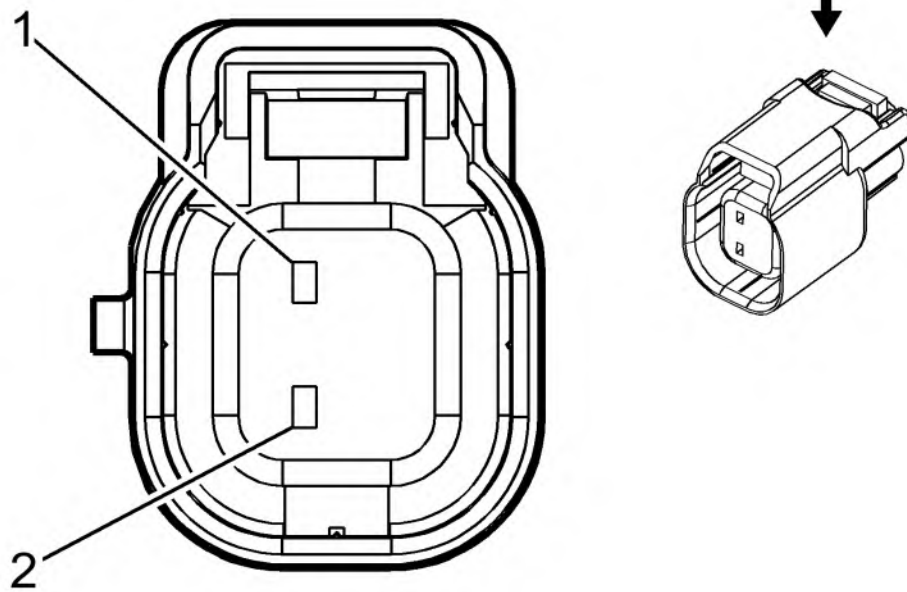
- Harness Type: Left Rear Door
- OEM Connector: 13503509
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

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	1	GN/BK	116	Left Rear Speaker Signal (-)	I	-
2	1	GN	199	Left Rear Speaker Control (+)	I	-

P19AL SPEAKER - LEFT REAR DOOR (UQF)



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)

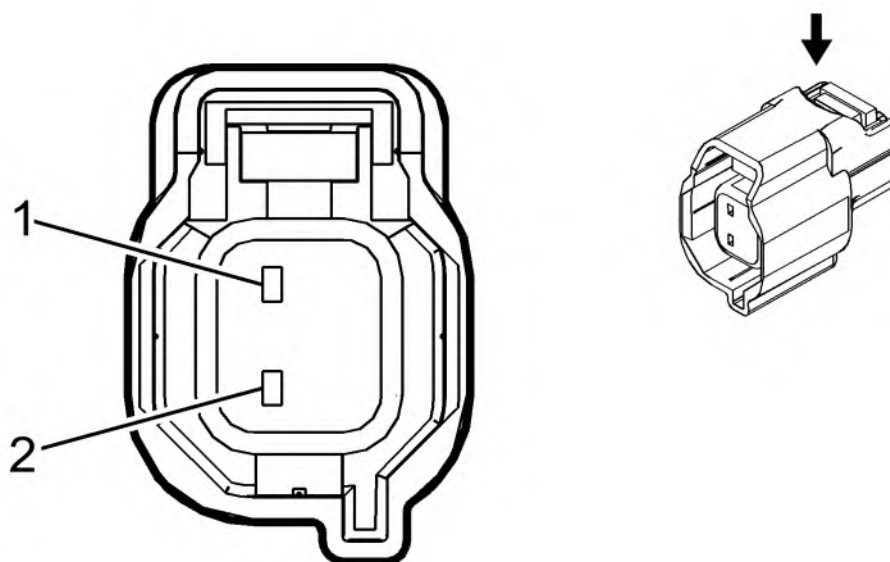
Terminal Part Information

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	1	VT/BK	5771	Left Rear Shelf Speaker (-) Low Reference	I	-
2	1	BU/BN	5761	Left Rear Shelf Speaker Control (+)	I	-

P19AM SPEAKER - RIGHT REAR DOOR (UQA)





Connector Part Information

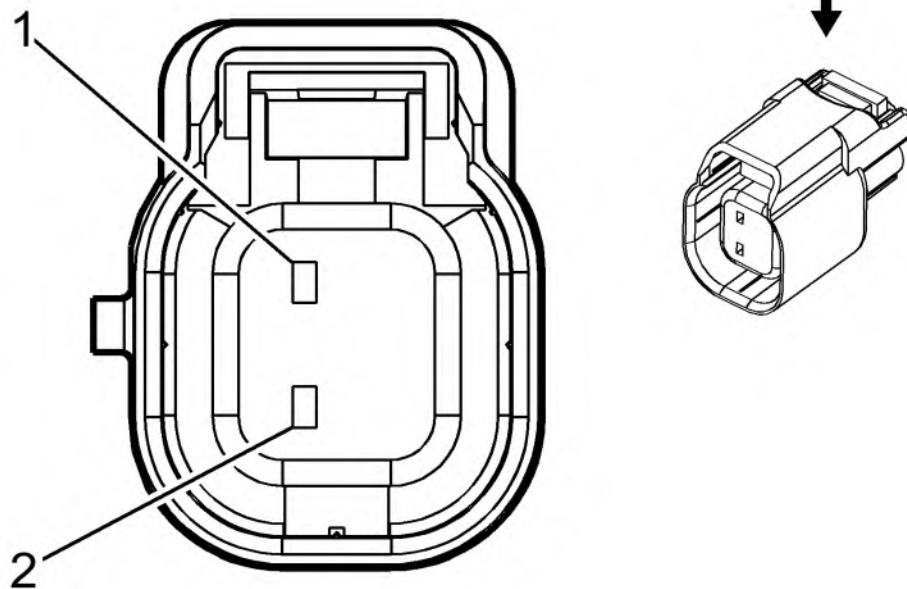
- Harness Type: Right Rear Door
- OEM Connector: 13503509
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series (L-GY)

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	1	BU/BK	115	Right Rear Speaker Signal (-)	I	UQA
2	1	WH	46	Right Rear Speaker Control (+)	I	UQA

P19AM SPEAKER - RIGHT REAR DOOR (UQF)



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)

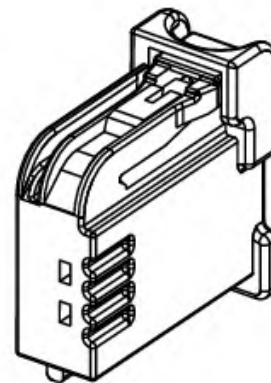
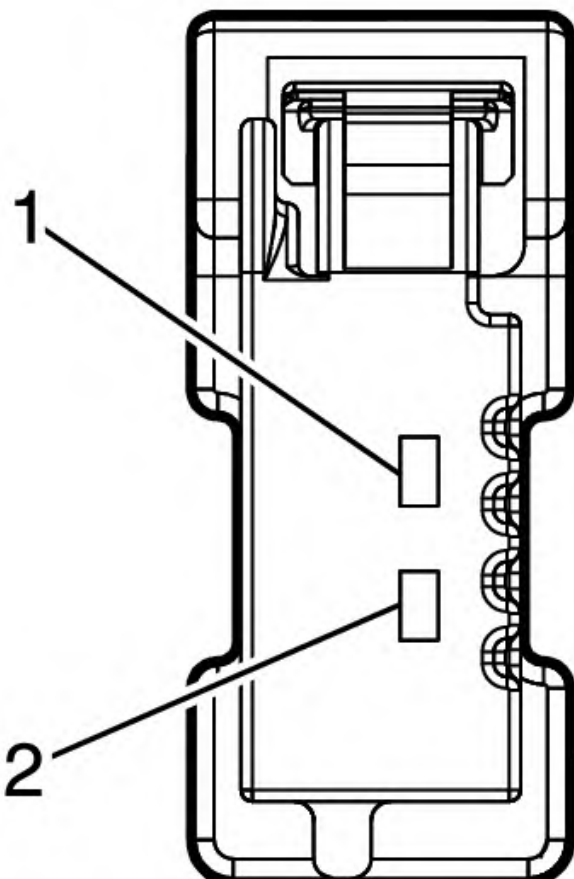
Terminal Part Information

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	1	BU/BK	5772	Right Rear Shelf Speaker (-) Low Reference	I	-
2	1	BN/BU	5762	Right Rear Shelf Speaker Control (+)	I	-

P19AN SPEAKER - LEFT REAR TRIM PANEL





Connector Part Information

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

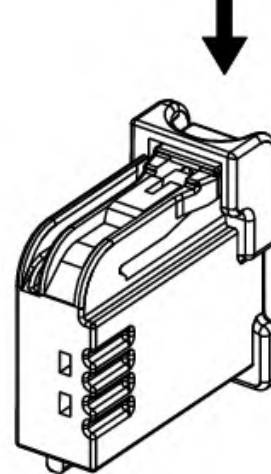
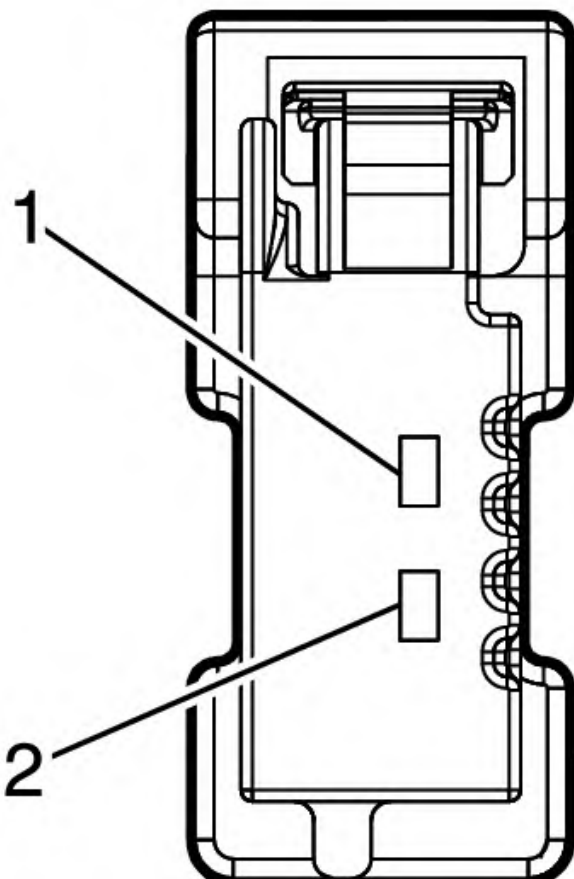
Terminal Part Information

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	1	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	UQA
2	1	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	UQA

P19AP SPEAKER - RIGHT REAR TRIM PANEL





Connector Part Information

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

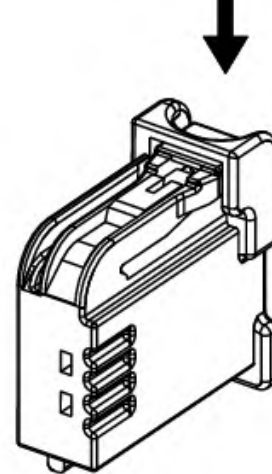
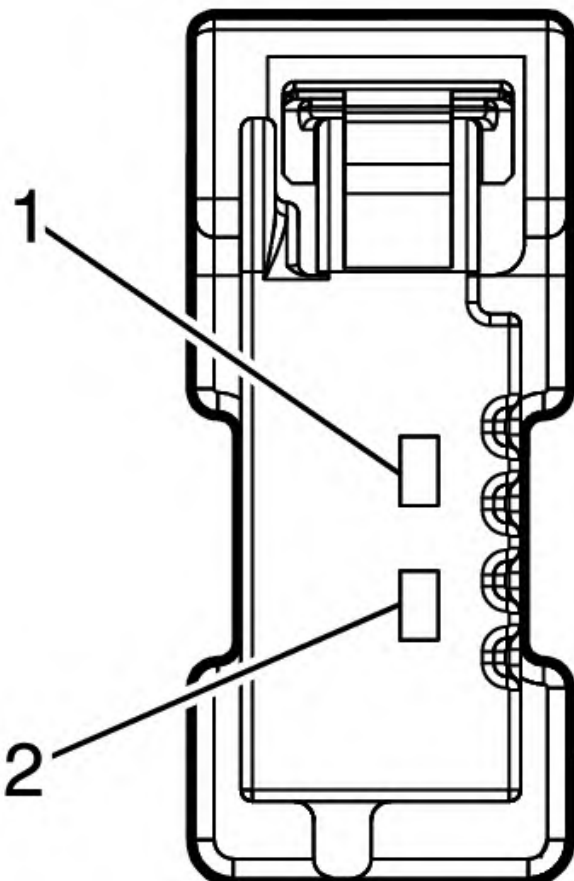
Terminal Part Information

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	1	WH/BK	1959	Left Rear Midrange Speaker (-) Low Reference	I	UQA
2	1	YE/BN	1859	Left Rear Midrange Speaker Control (+)	I	UQA

P19B SPEAKER - CENTER INSTRUMENT PANEL





Connector Part Information

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

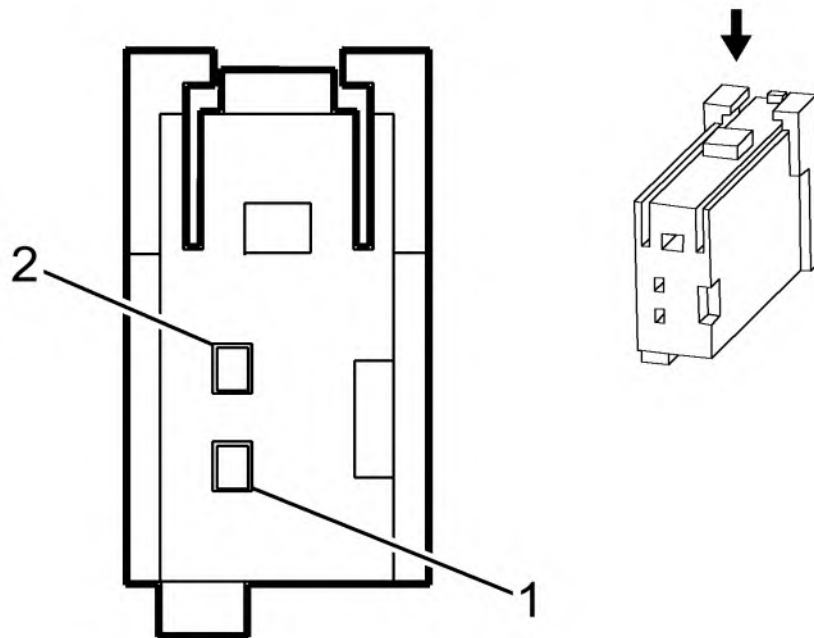
Terminal Part Information

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	1	BU/YE	1960	Front Center Speaker (-) Low Reference	I	UQA
2	1	YE/WH	1860	Front Center Speaker Control (+)	I	UQA

P19J SPEAKER - LEFT INSTRUMENT PANEL (UQA)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

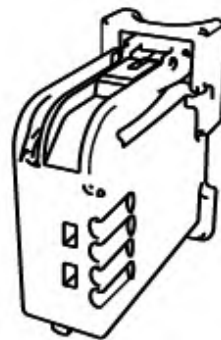
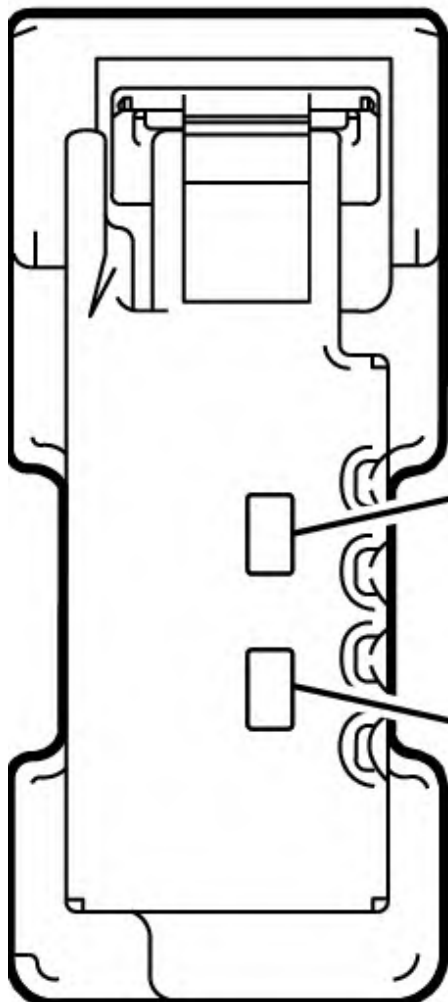
Terminal Part Information

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

P19J SPEAKER - LEFT INSTRUMENT PANEL (UQF)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19168545
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

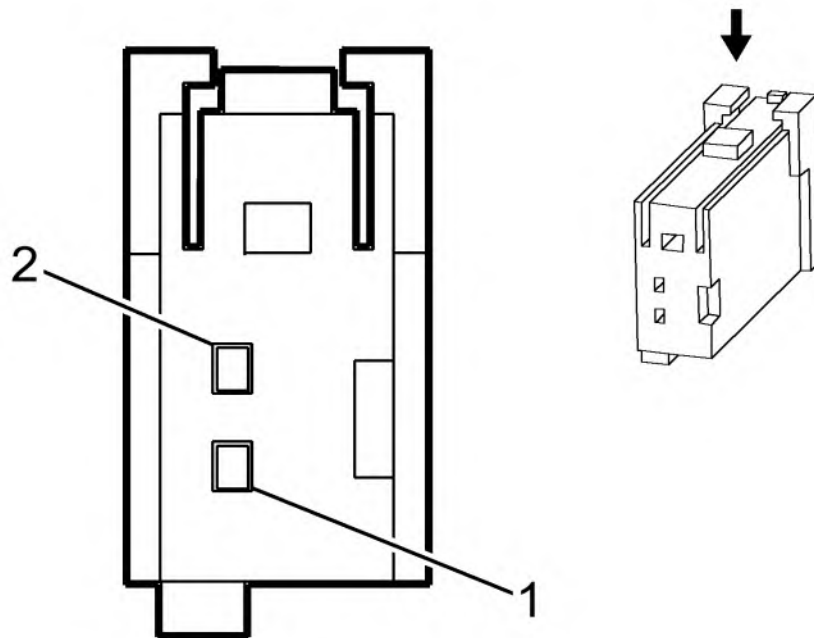
Terminal Part Information

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

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

P19W SPEAKER - RIGHT INSTRUMENT PANEL (UQA)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19115645
- Service Connector: 13314093
- Description: 2-Way F 0.64 Series (BK)

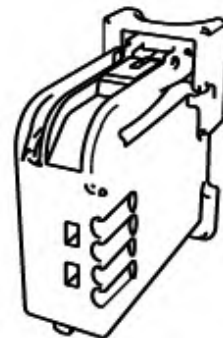
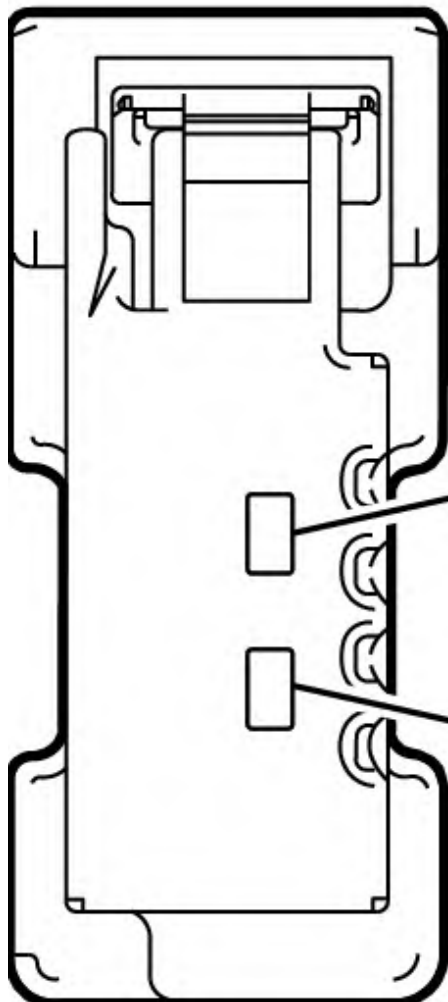
Terminal Part Information

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	UQA
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	UQA

P19W SPEAKER - RIGHT INSTRUMENT PANEL (UQF)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19168545
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

Terminal Part Information

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

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

P43 COLLISION ALERT INDICATORS





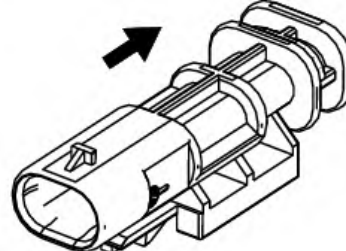
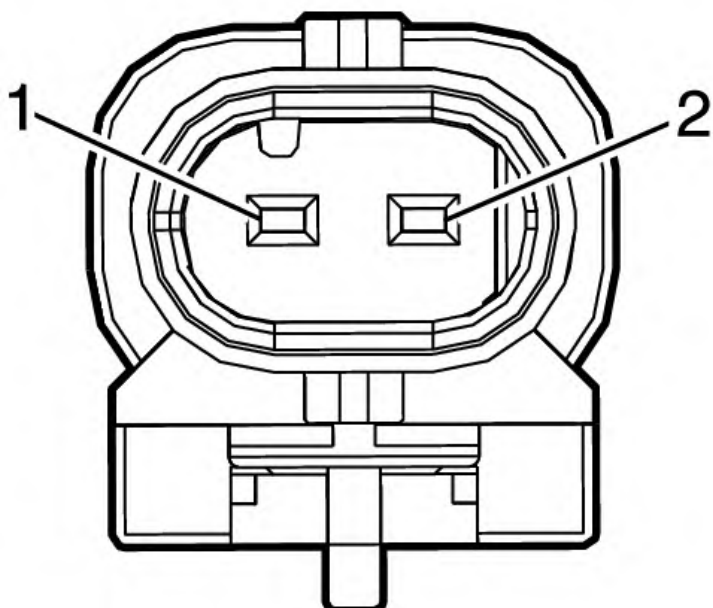
- Harness Type: Instrument Panel
- OEM Connector: 1-936119-1
- Service Connector: 13587297
- Description: 4-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage	I	UEU
2	0.35	GY/YE	3885	Forward Collision Alert LED Control	I	UEU
3	0.35	WH/GN	3535	Reflected LED Display Dimming Control	I	UEU
4	0.35	BK	1750	Ground	I	UEU

P45LR SEAT HAPTIC MOVEMENT MOTOR - DRIVER LEFT REAR



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 13591337
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

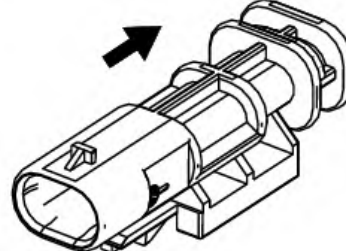
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	750	Ground	I	-
2	0.35	YE/BN	3037	Left Rear Haptic Seat Motor Control	I	-

P45RR SEAT HAPTIC MOVEMENT MOTOR - DRIVER RIGHT REAR



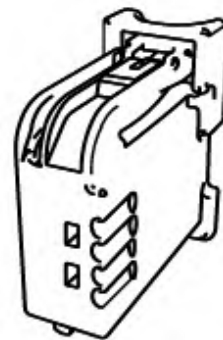
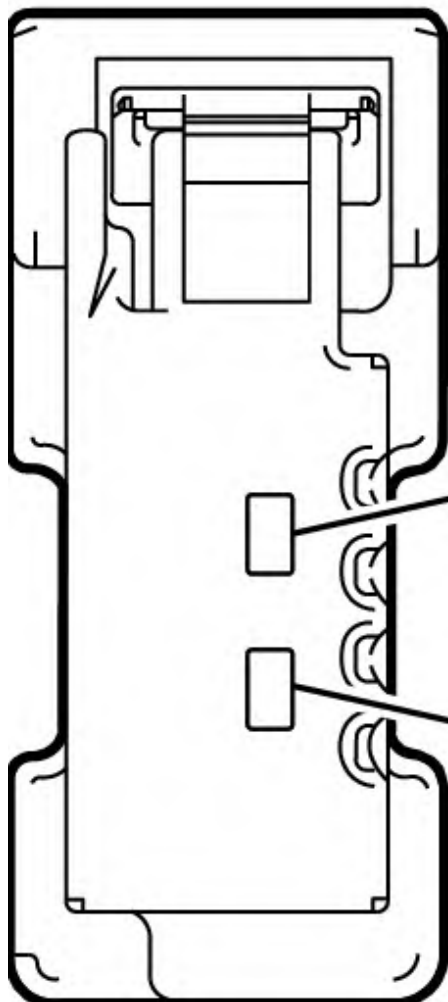


- Harness Type: Driver Seat
- OEM Connector: 13591337
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	750	Ground	I	-
2	0.35	BN	3038	Right Rear Haptic Seat Motor Control	I	-

P50 EMERGENCY CALL BACKUP SPEAKER



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19168545
- Service Connector: 13505908
- Description: 2-Way F 1.5 Series (GN)

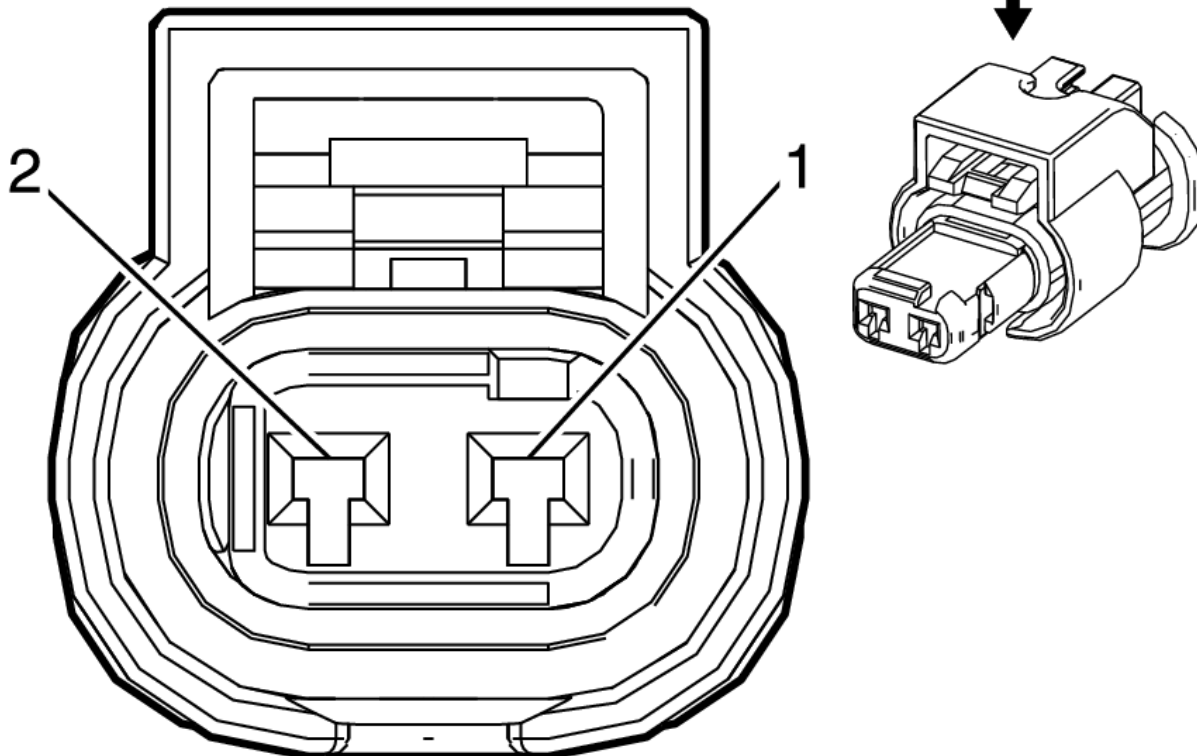
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BK	1160	External Speaker Signal (-)	I	UI3
2	0.5	VT/WH	1159	External Speaker Signal (+)	I	UI3

Q2 A/C COMPRESSOR CLUTCH





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13586143
- Service Connector: 19329415
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

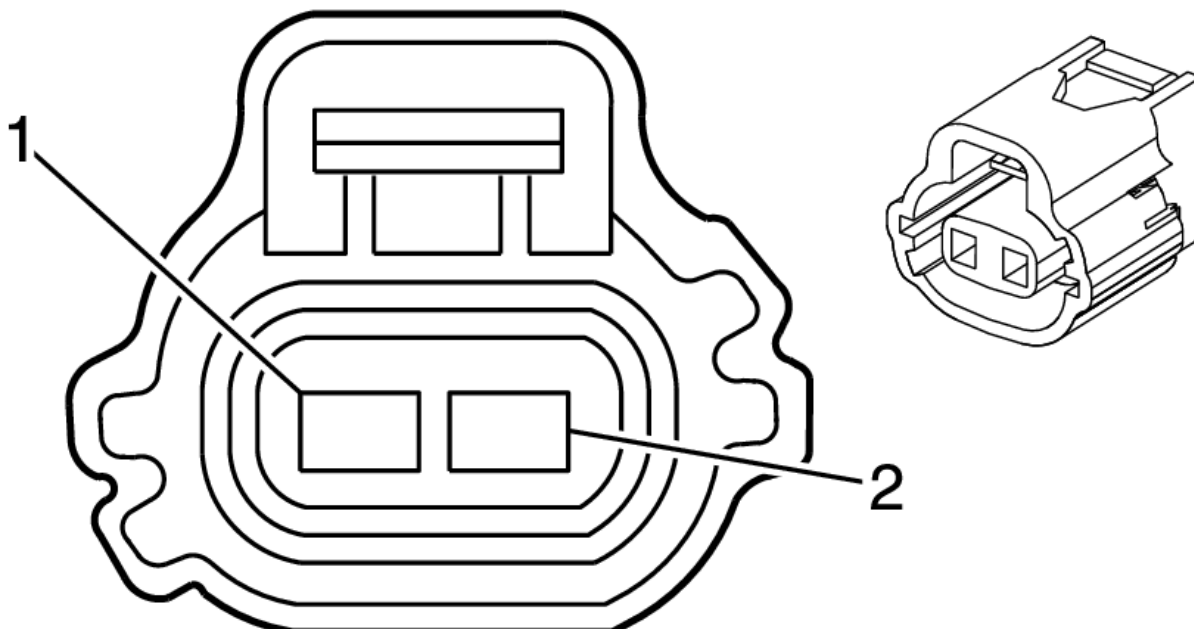
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	BK	550	Ground	I	-
2	1	BN/GN	59	A/C Compressor Clutch Control	I	-

Q6A CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 1 EXHAUST (LFY)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 7283-7526-30
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

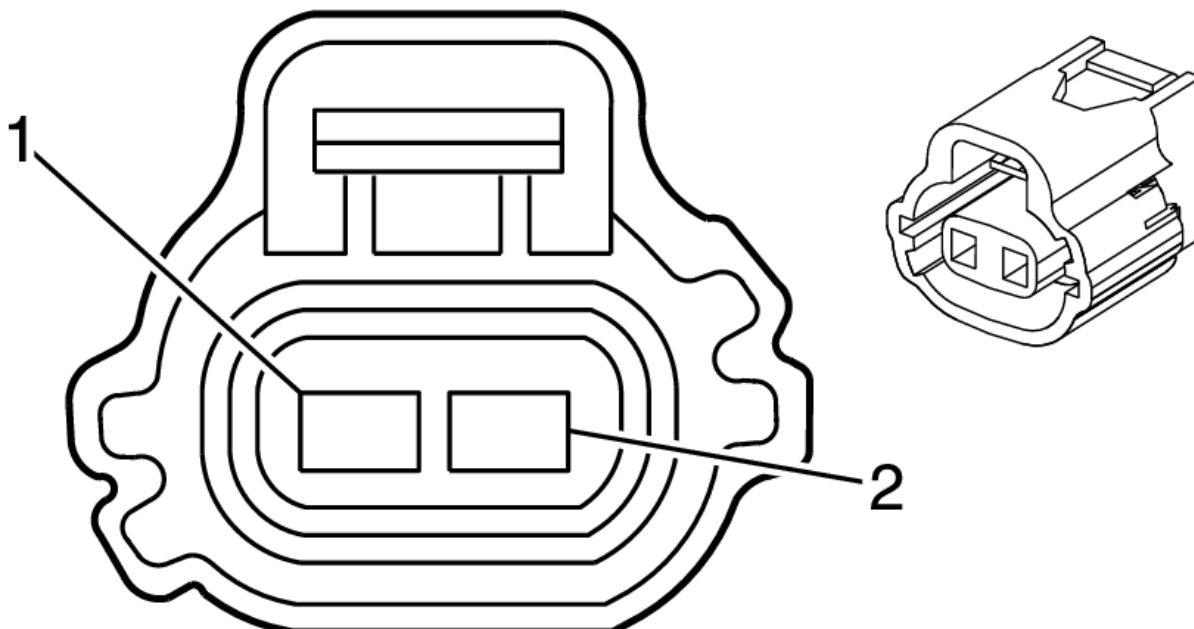
Terminal Part Information

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

Q6B CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 1 INTAKE (LFY)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 89047244
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

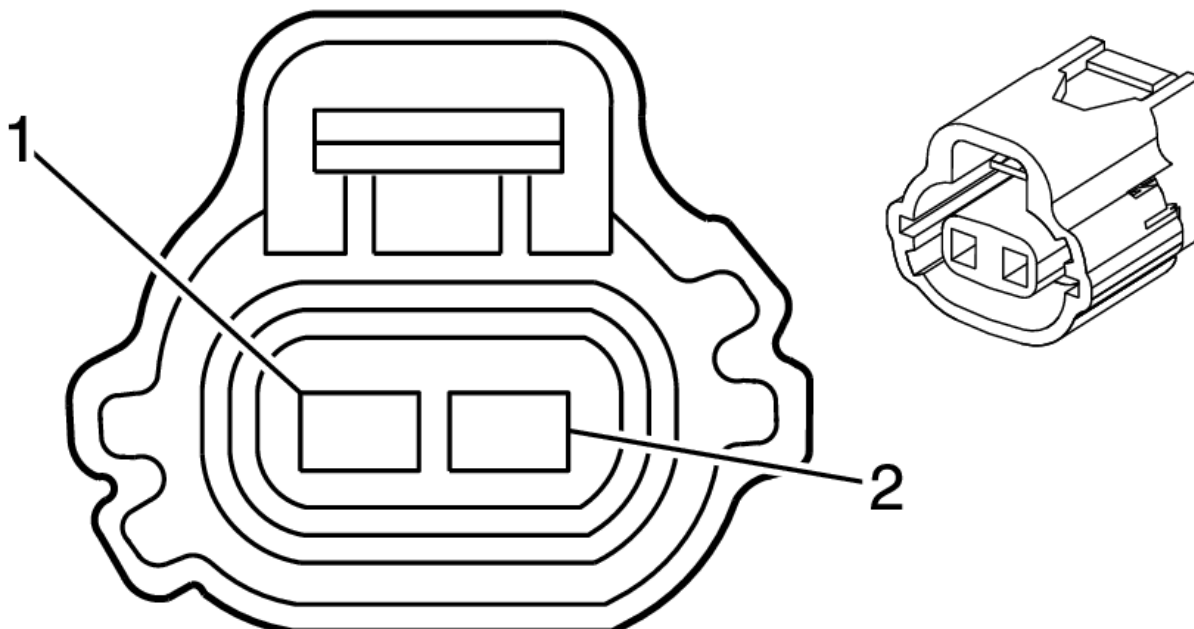
Terminal Part Information

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

Q6C CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 EXHAUST (LFY)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 89047244
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

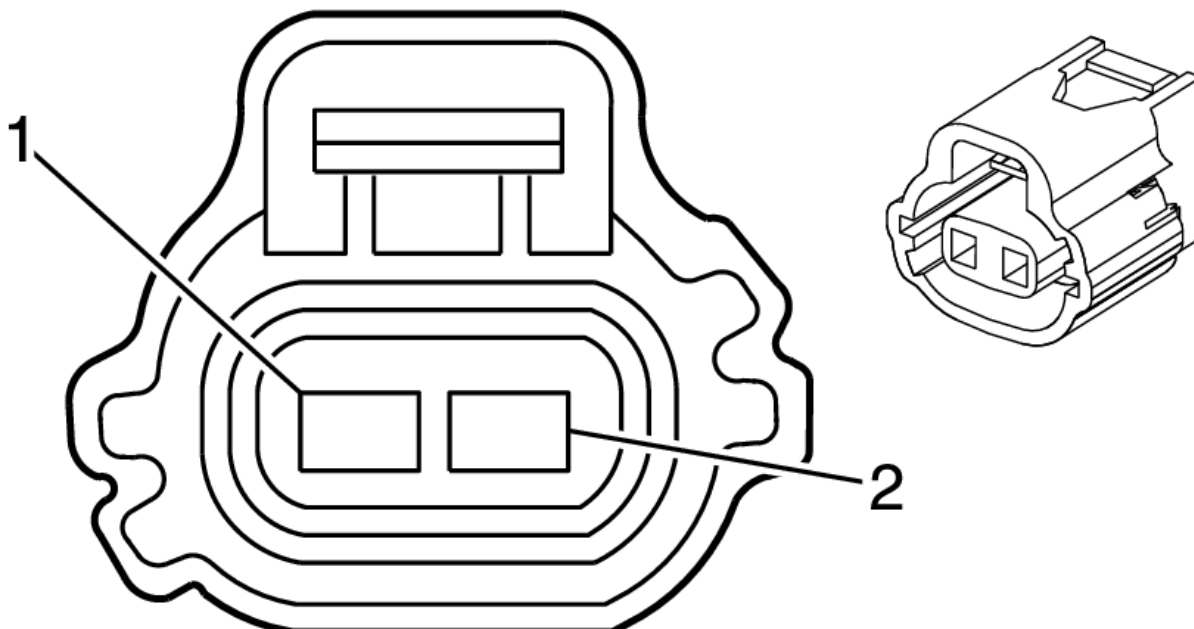
Terminal Part Information

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	0.5	GN/BN	5283	Camshaft Phaser Exhaust Solenoid 2	I	-
2	0.5	BK/GY	6756	Cam Phaser Z Low Reference	I	-

Q6D CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - BANK 2 INTAKE (LFY)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 89047244
- Service Connector: 89047244
- Description: 2-Way F 090 Series, Sealed (BK)

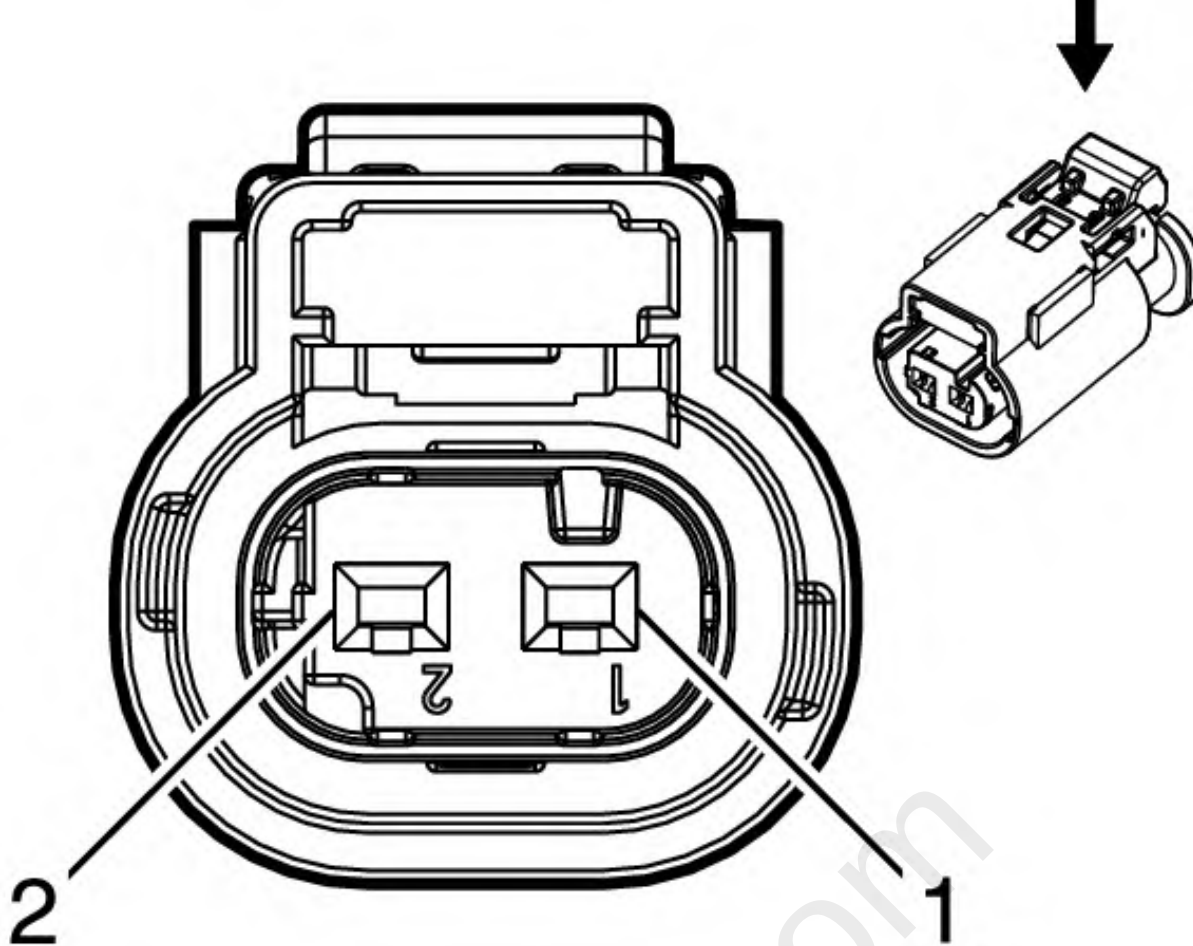
Terminal Part Information

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	0.5	GN	5272	Camshaft Phaser Intake Solenoid 2	I	-
2	0.5	BK/BU	6755	Cam Phaser Y Low Reference	I	-

Q6E CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - EXHAUST (LTG)





Connector Part Information

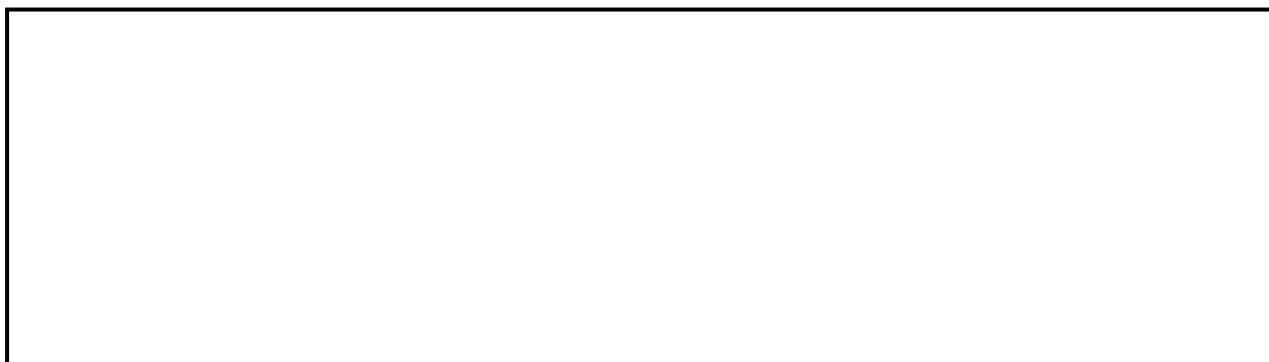
- Harness Type: Engine
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

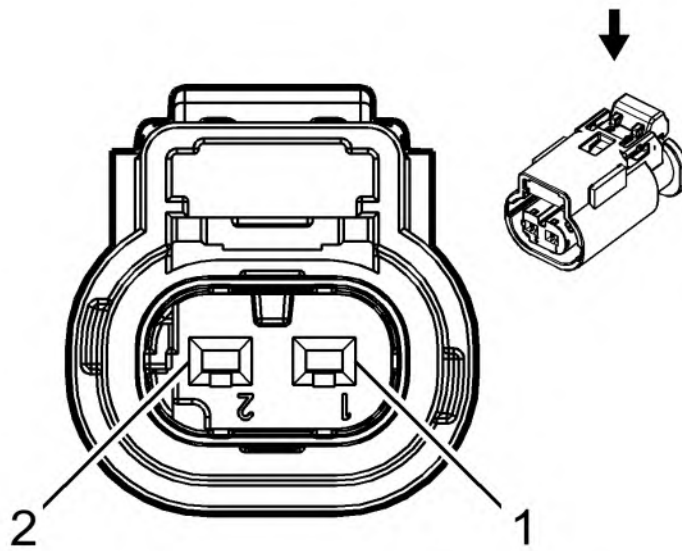
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GY/BU	5282	Camshaft Phaser Exhaust Solenoid 1	I	-
2	0.5	BK/VT	6754	Cam Phaser X Low Reference	I	-

Q6F CAMSHAFT POSITION ACTUATOR SOLENOID VALVE - INTAKE (LTG)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13503567
- Service Connector: 13587325
- Description: 2-Way F 1.2 Multilock Series, Sealed (L-GY)

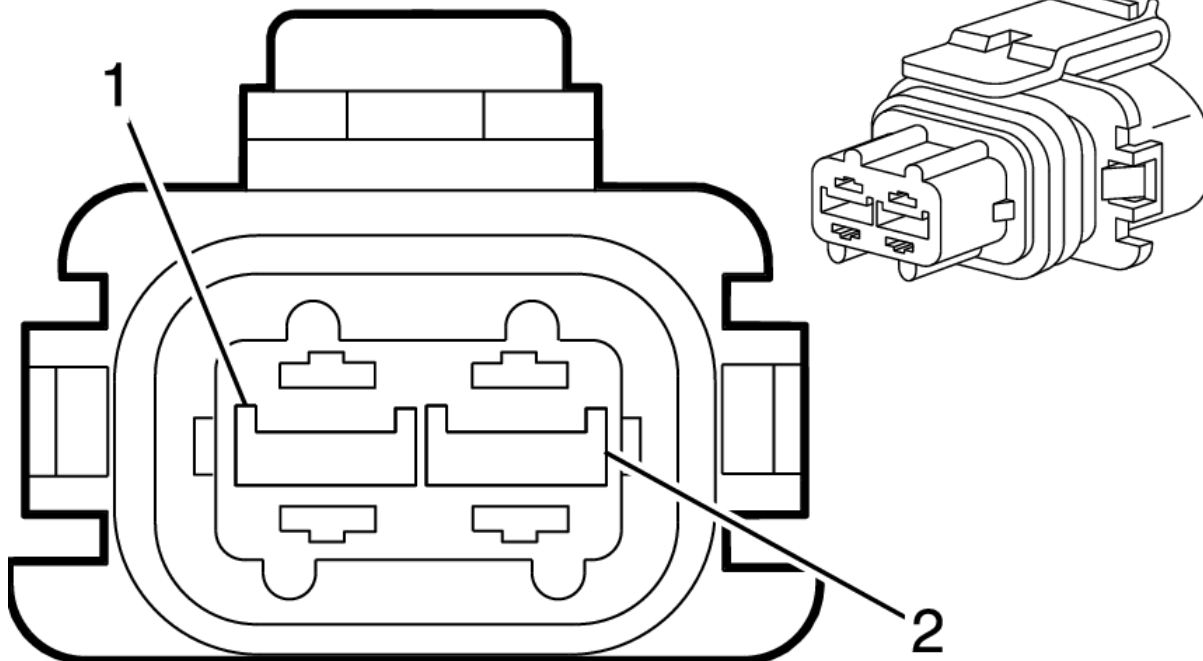
Terminal Part Information

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	-
2	0.5	BK/BN	6753	Cam Phaser W Low Reference	I	-

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LFY)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 1928404072
- Service Connector: 88988586
- Description: 2-Way F 2.8 Junior Power Timer Series, Sealed (BK)

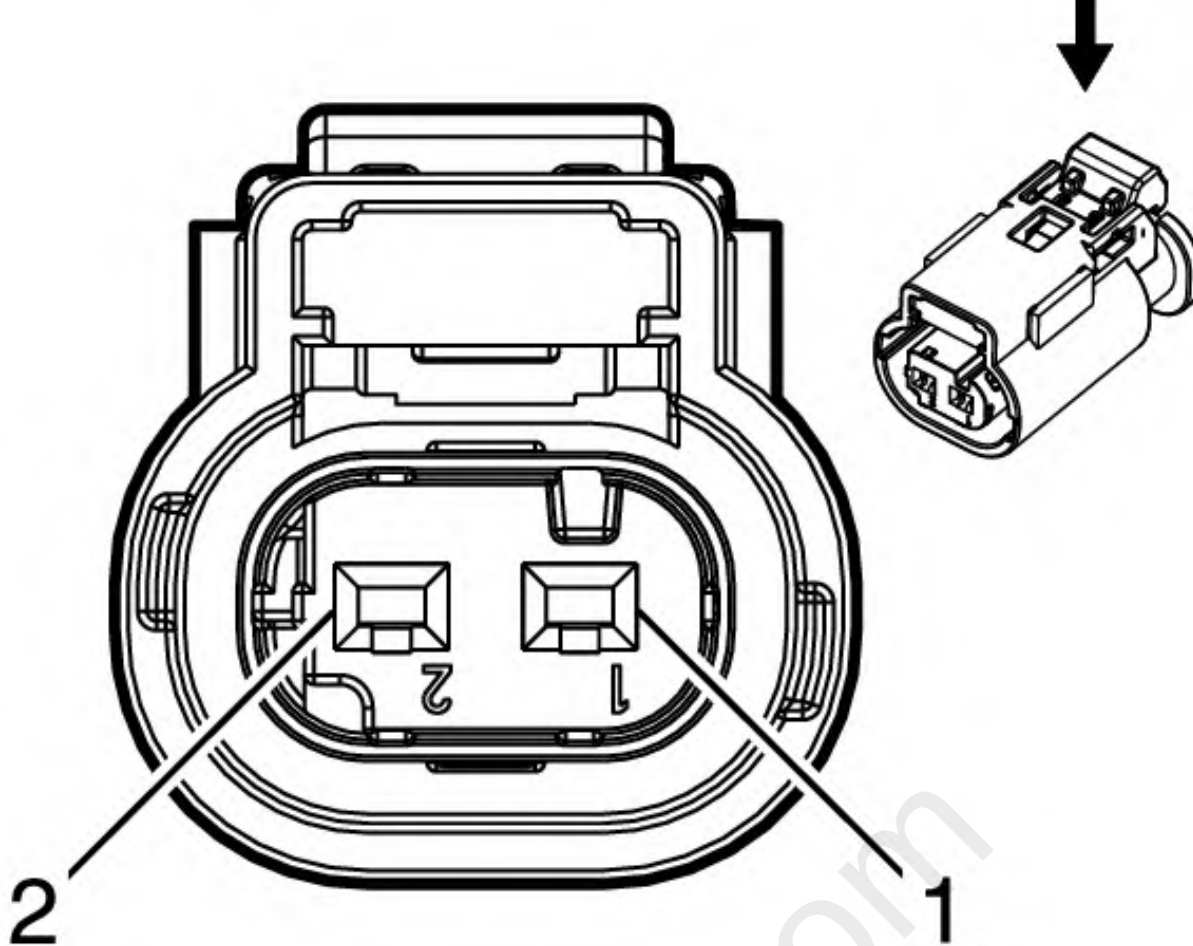
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-35 (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	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-

Q12 EVAPORATIVE EMISSION PURGE SOLENOID VALVE (LTG)





Connector Part Information

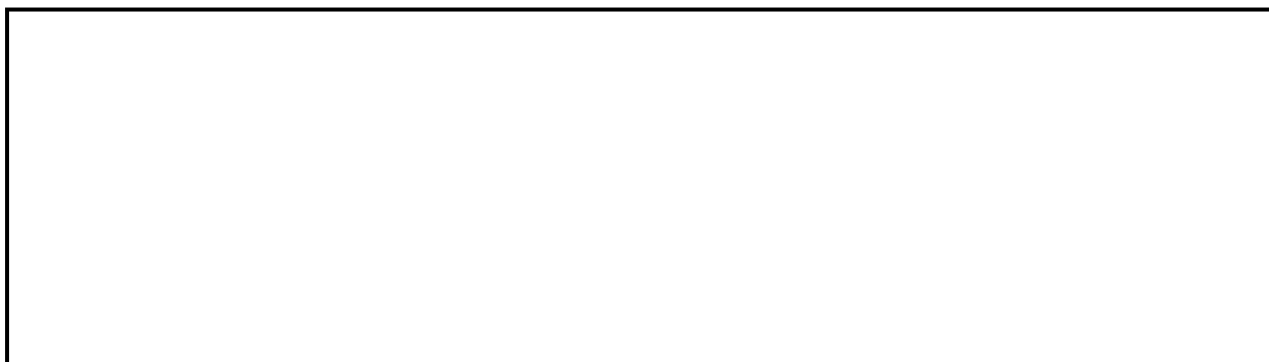
- Harness Type: Engine
- OEM Connector: 10010337
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

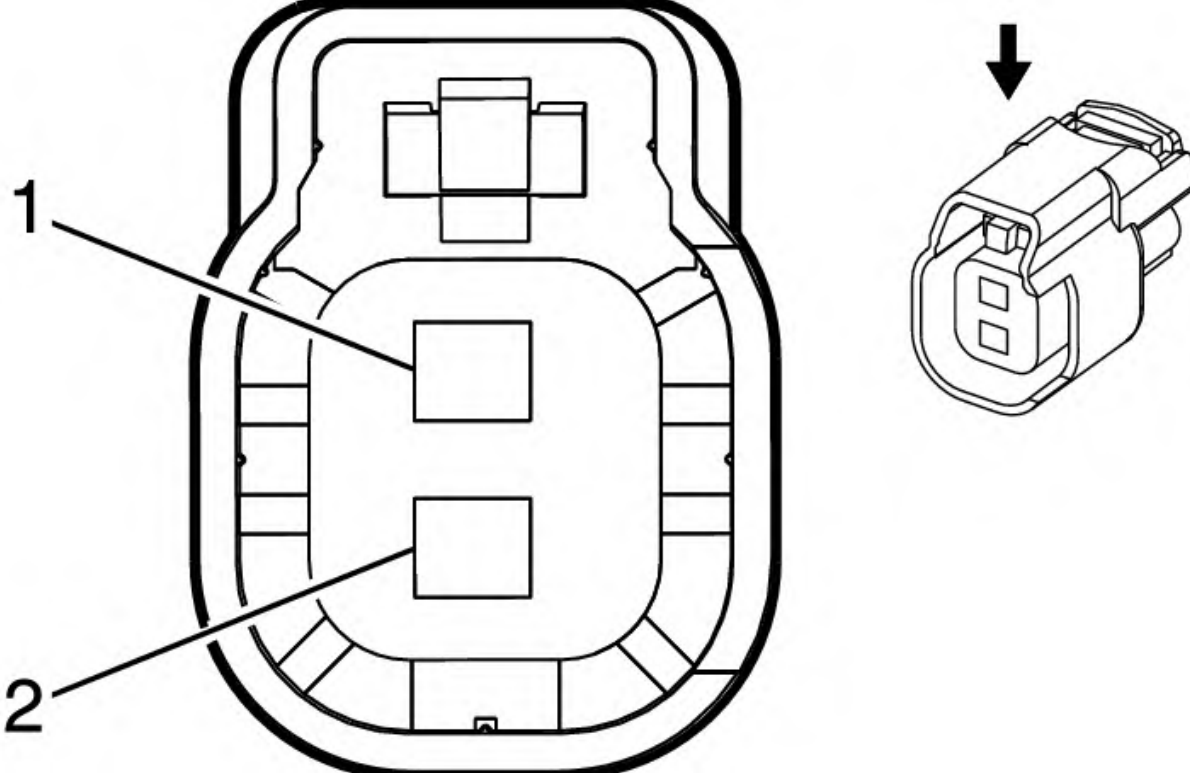
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	GN/BU	428	EVAP Canister Purge Solenoid Control	I	-

Q13 EVAPORATIVE EMISSION VENT SOLENOID VALVE





Connector Part Information

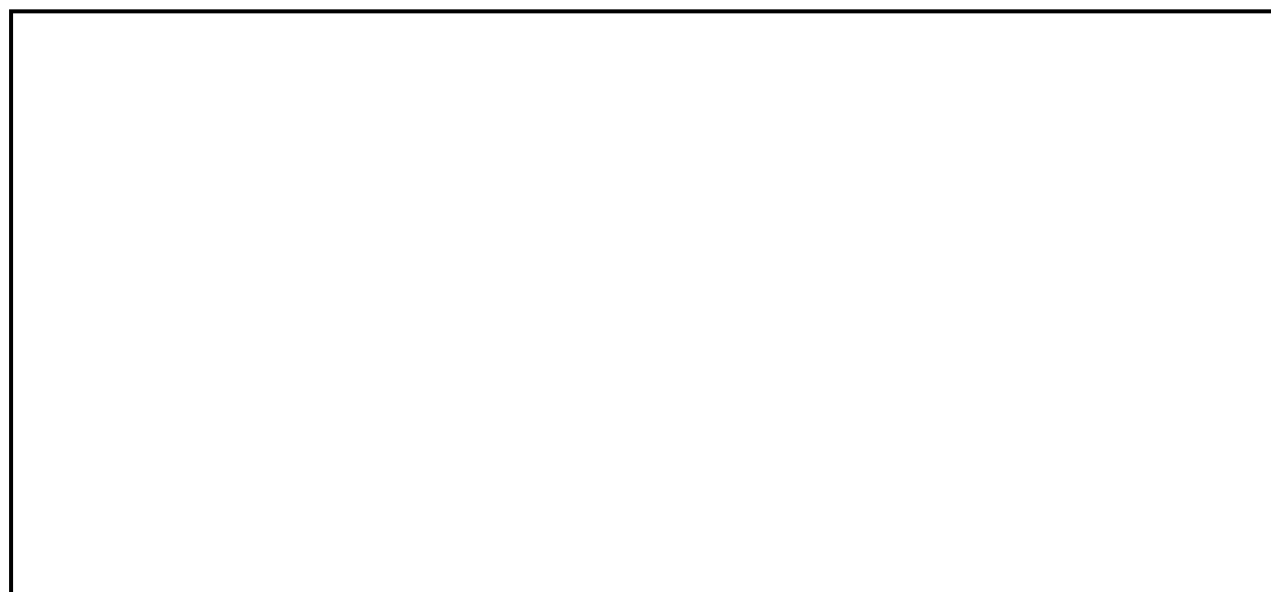
- Harness Type: Body
- OEM Connector: 13503511
- Service Connector: 13579002
- Description: 2-Way F 1.5 Series, Sealed (BK)

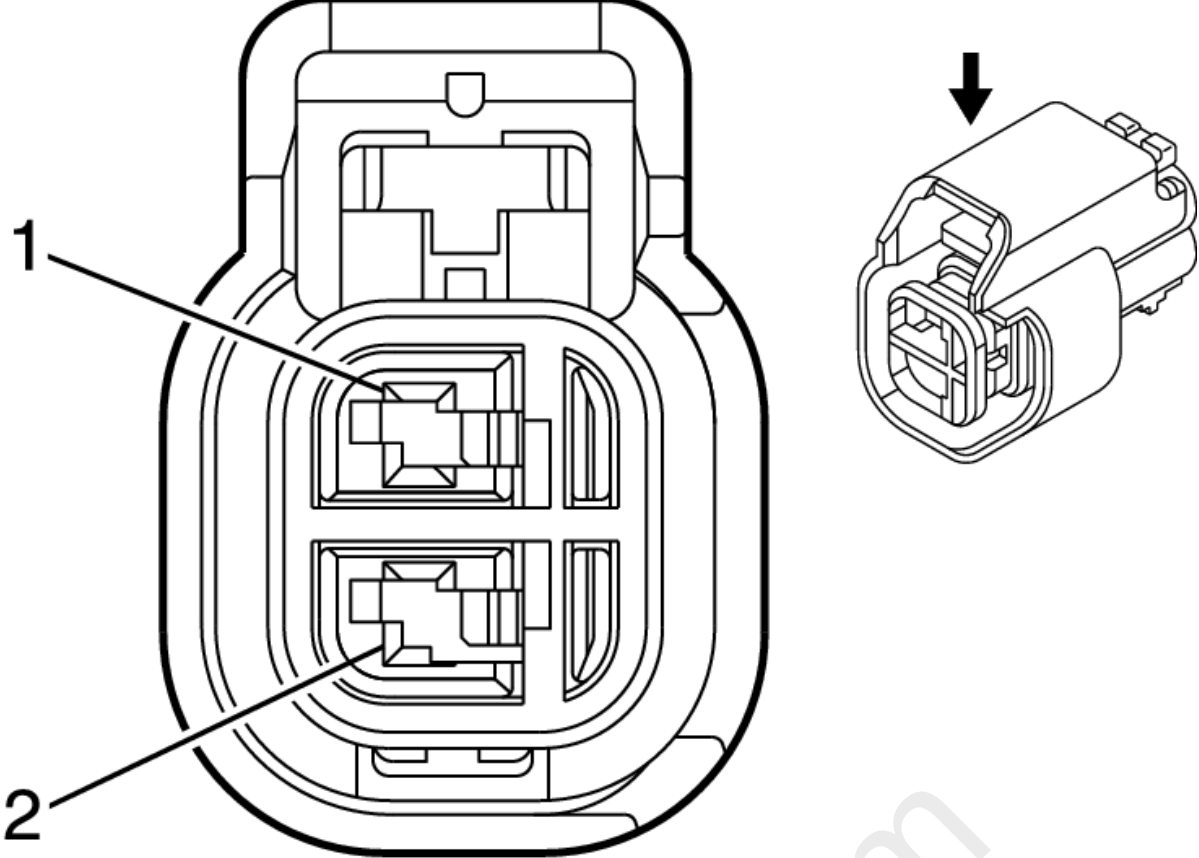
Terminal Part Information

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	WH	1310	EVAP Canister Vent Solenoid Control	I	NTB/NUB
2	0.75	RD/GN	2440	Battery Positive Voltage	I	NTB/NUB

Q17A FUEL INJECTOR 1





Connector Part Information

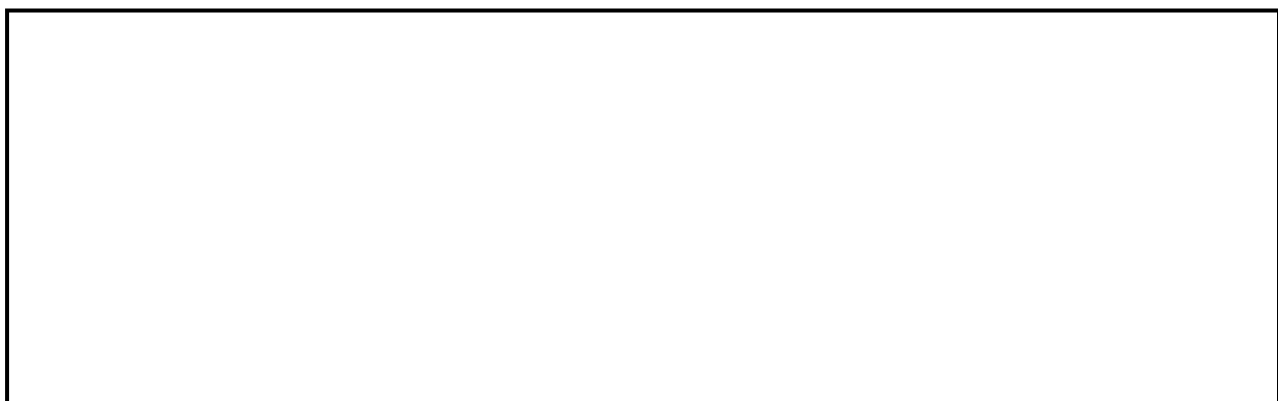
- Harness Type: Odd Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

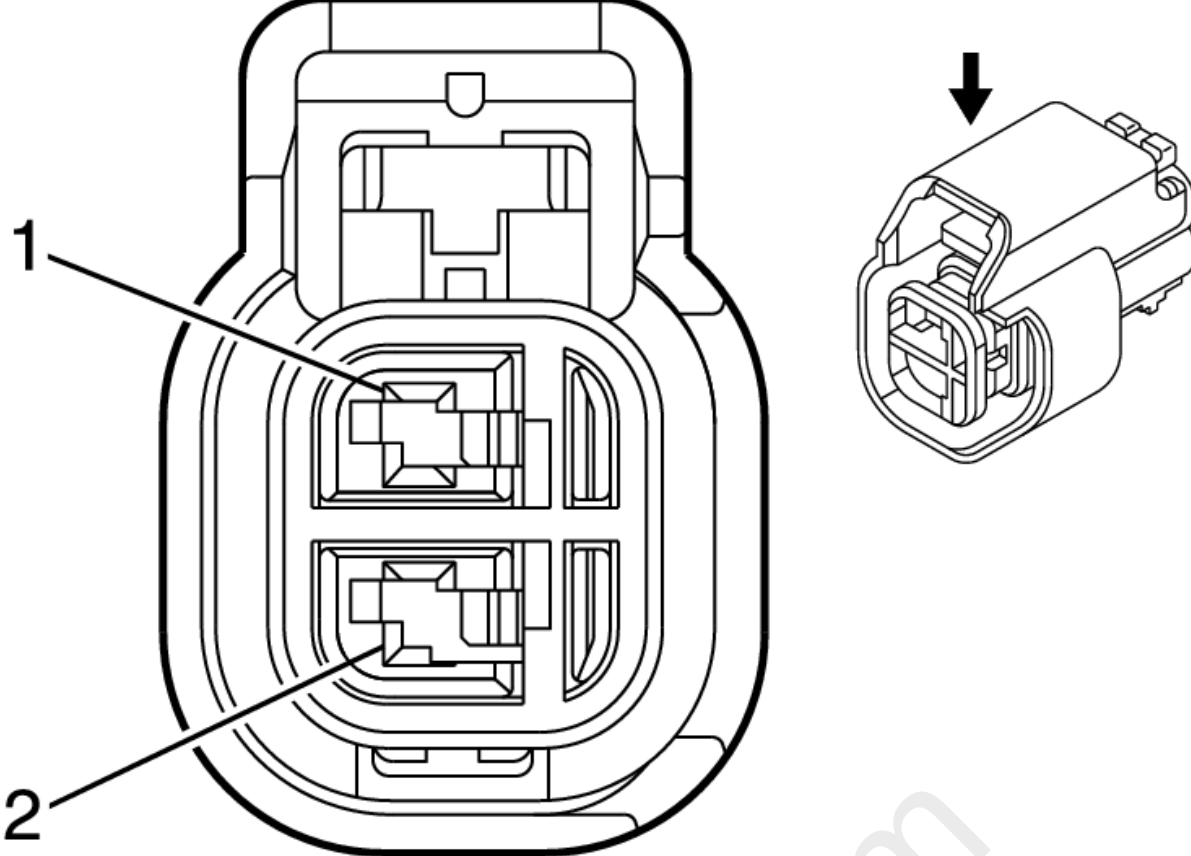
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BN	4801	Direct Fuel Injector (DFI) High Voltage Control Cylinder 1	I	-
2	0.75	BN/WH	4901	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 1	I	-

Q17B FUEL INJECTOR 2





Connector Part Information

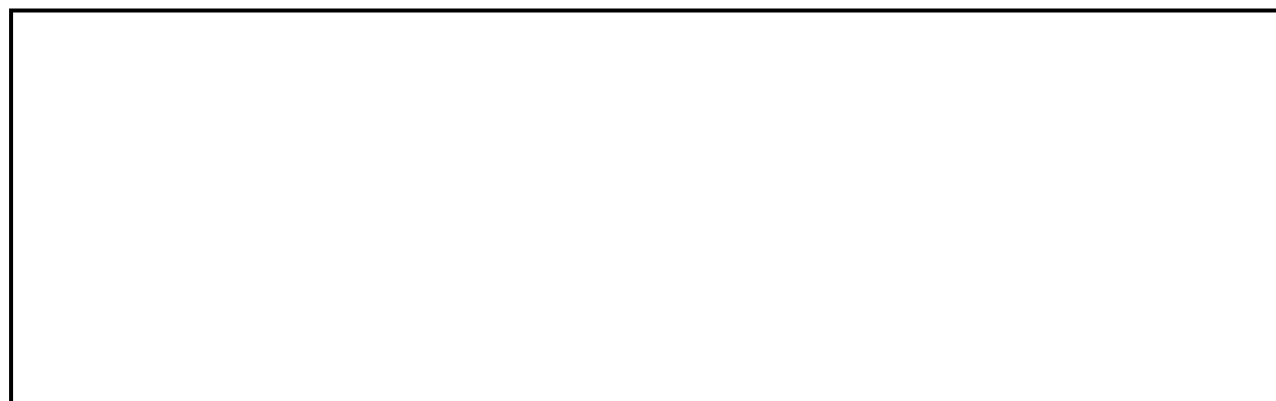
- Harness Type: Even Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

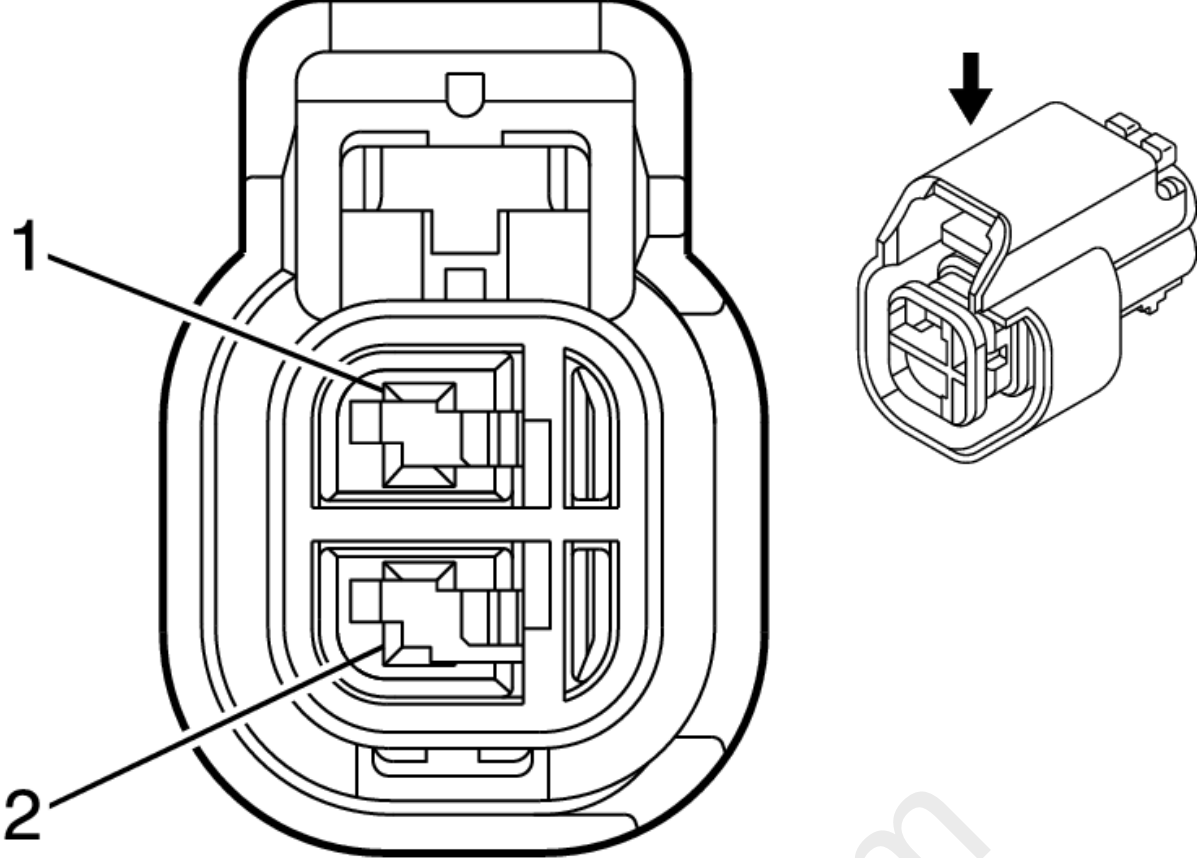
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU	4802	Direct Fuel Injector (DFI) High Voltage Control Cylinder 2	I	-
2	0.75	BU/GY	4902	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 2	I	-

Q17C FUEL INJECTOR 3





Connector Part Information

- Harness Type: Odd Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

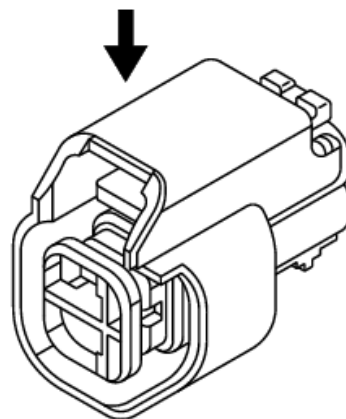
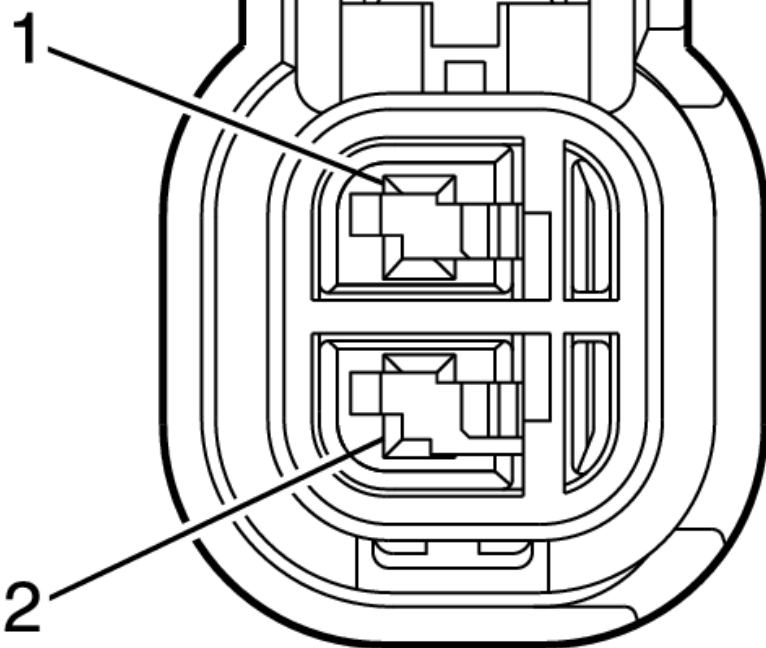
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN	4803	Direct Fuel Injector (DFI) High Voltage Control Cylinder 3	I	-
2	0.75	GN/WH	4903	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 3	I	-

Q17D FUEL INJECTOR 4





Connector Part Information

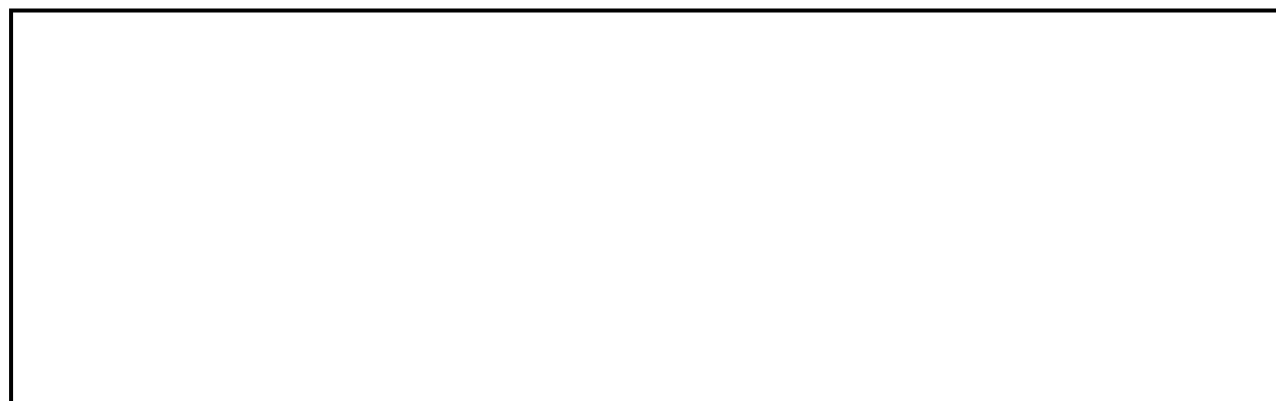
- Harness Type: Even Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

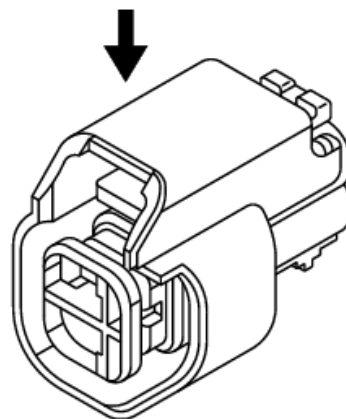
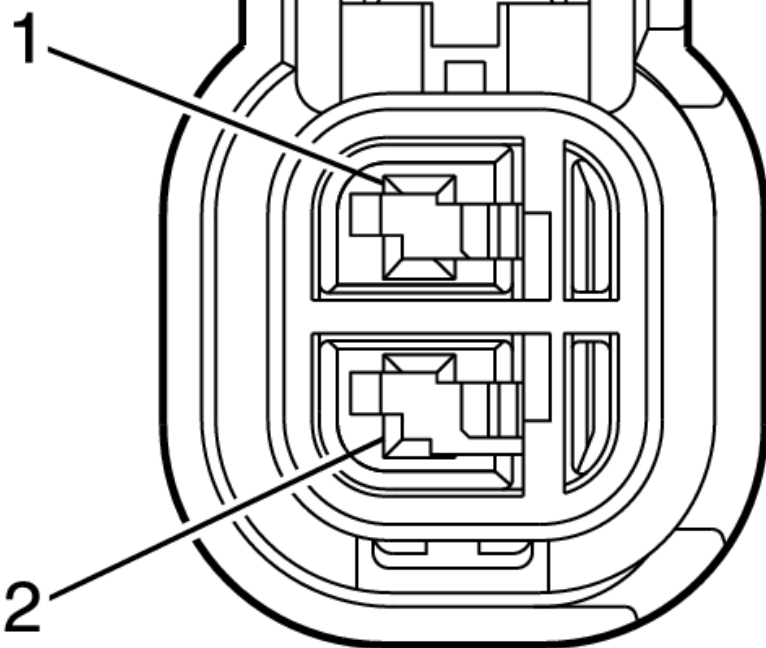
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GY/BU	4804	Direct Fuel Injector (DFI) High Voltage Control Cylinder 4	I	-
2	0.75	BU/WH	4904	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 4	I	-

Q17E FUEL INJECTOR 5 (LFY)





Connector Part Information

- Harness Type: Odd Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

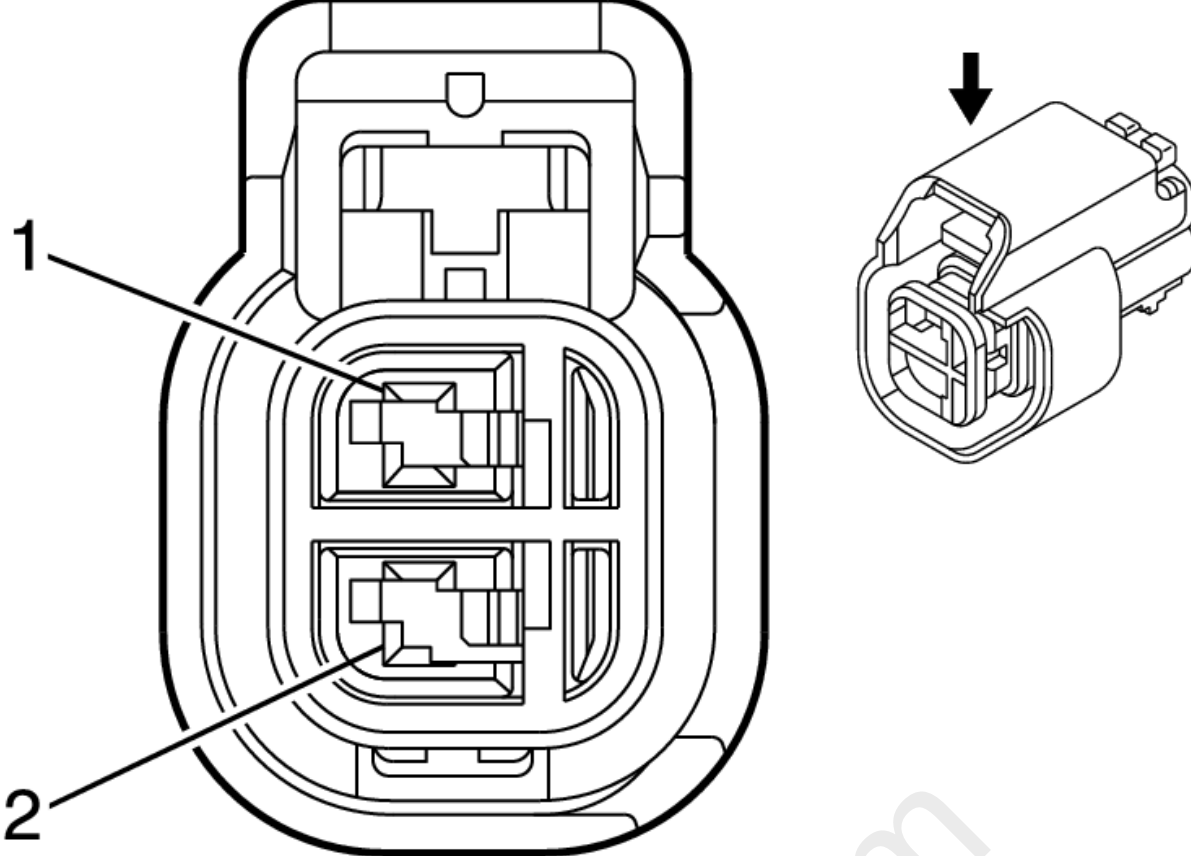
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	WH/GN	4805	Direct Fuel Injector (DFI) High Voltage Control Cylinder 5	I	-
2	0.75	GN/WH	4905	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 5	I	-

Q17F FUEL INJECTOR 6 (LFY)





Connector Part Information

- Harness Type: Even Fuel Injector Harness
- OEM Connector: E-2157
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

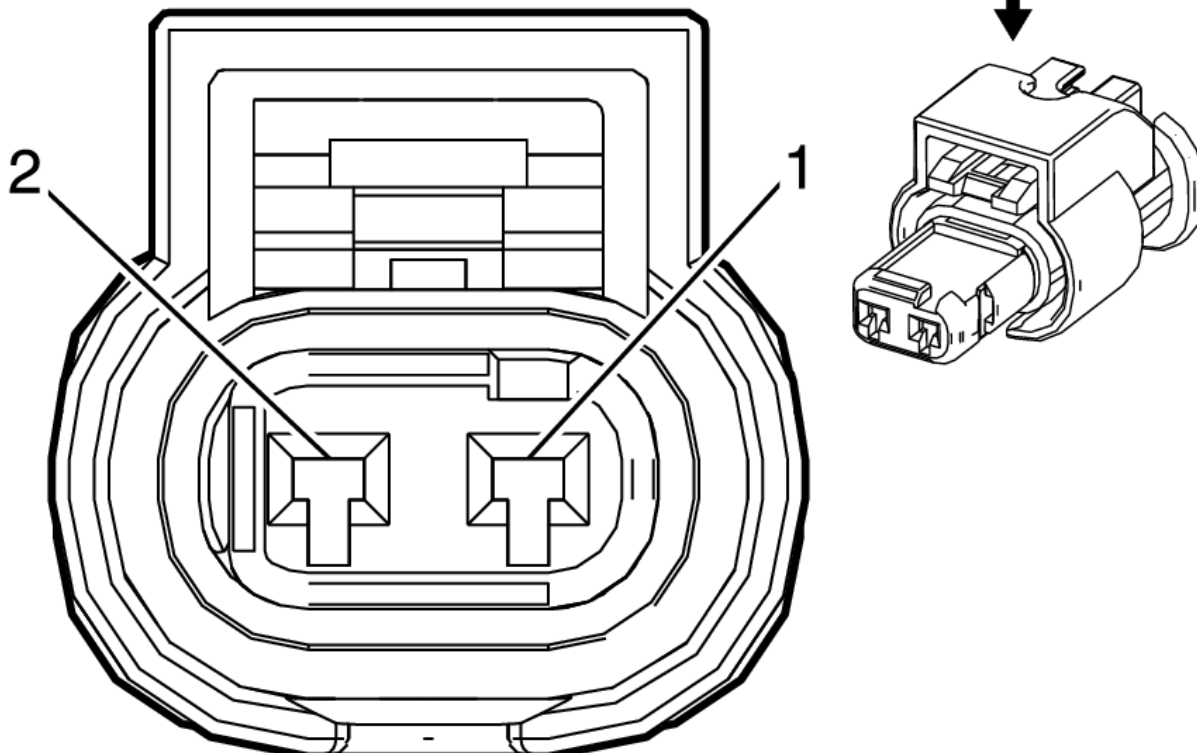
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/GN	4806	Direct Fuel Injector (DFI) High Voltage Control Cylinder 6	I	-
2	0.75	VT/GY	4906	Direct Fuel Injector (DFI) High Voltage Supply Cylinder 6	I	-

Q37LF SHOCK ABSORBER ACTUATOR - LEFT FRONT (F45)





Connector Part Information

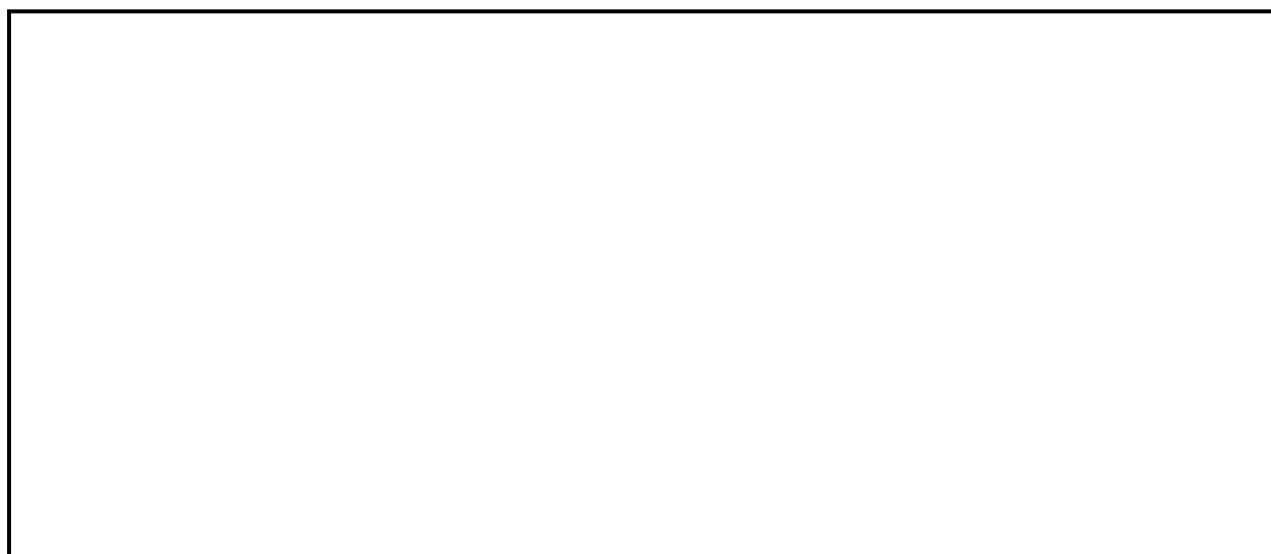
- Harness Type: Left Front Shock Absorber Actuator Jumper
- OEM Connector: 13586143
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

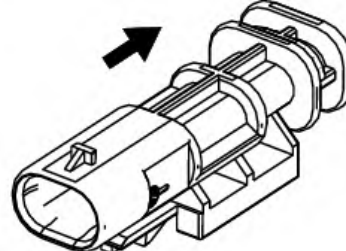
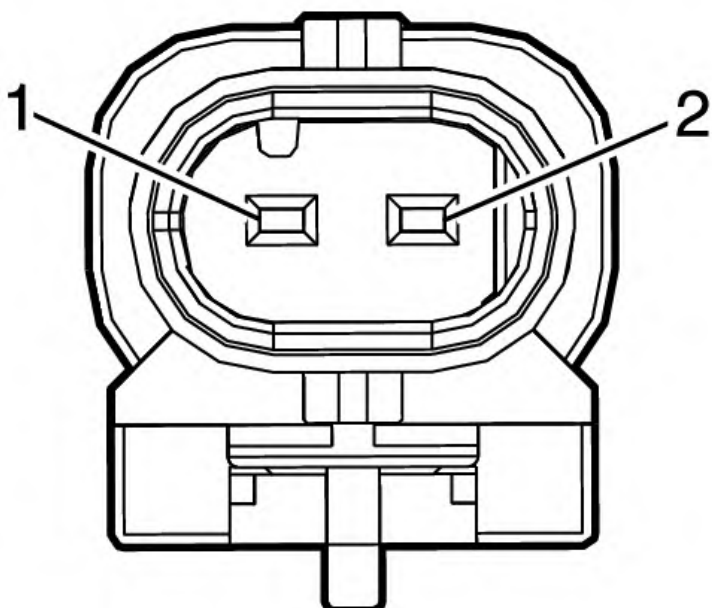
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	BN/WH	1107	Left Front Damping Servo Control	I	-
2	0.5	GY/BU	1113	Left Front Damping Servo Control	I	-

Q37LR SHOCK ABSORBER ACTUATOR - LEFT REAR (F45)





Connector Part Information

- Harness Type: Chassis
- OEM Connector: 13505427
- Service Connector: 22836728
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

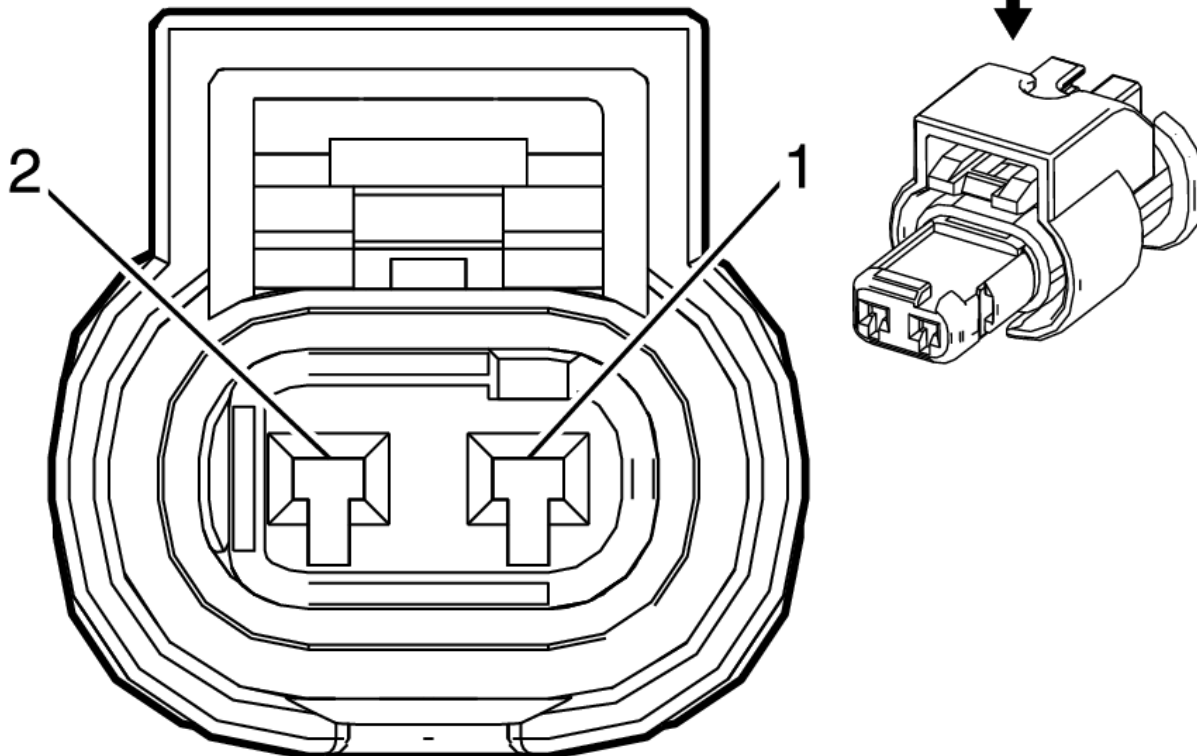
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	0.5	BU/GY	1114	Left Rear Damping Servo Control	I	-
2	0.5	GN/VT	1115	Left Rear Damping Servo Control	I	-

Q37RF SHOCK ABSORBER ACTUATOR - RIGHT FRONT (F45)





Connector Part Information

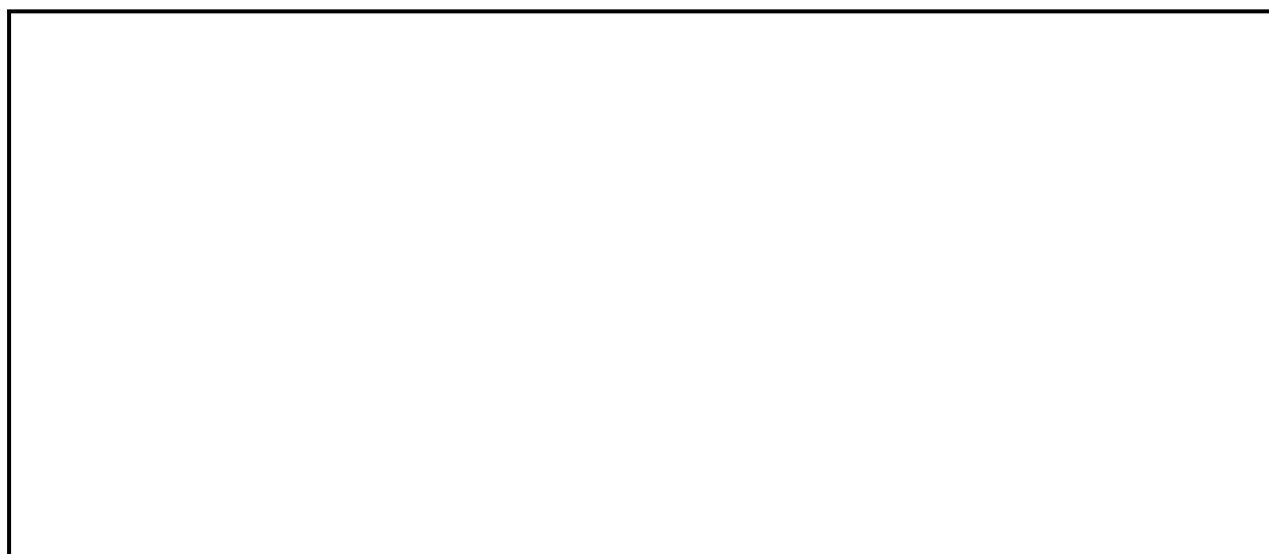
- Harness Type: Right Front Shock Absorber Actuator Jumper
- OEM Connector: 13586143
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

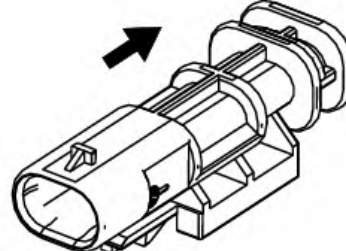
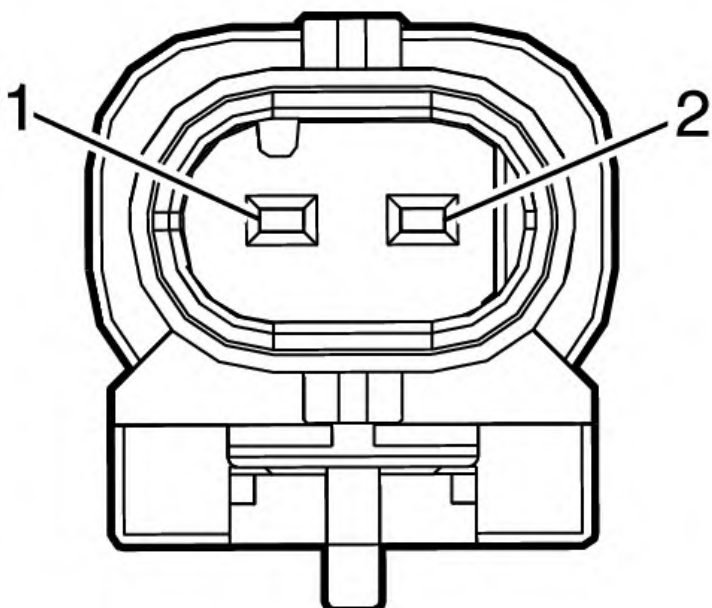
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	BN/BU	1116	Right Front Damping Servo Control	I	-
2	0.5	GY/WH	1117	Right Front Damping Servo Control	I	-

Q37RR SHOCK ABSORBER ACTUATOR - RIGHT REAR (F45)





Connector Part Information

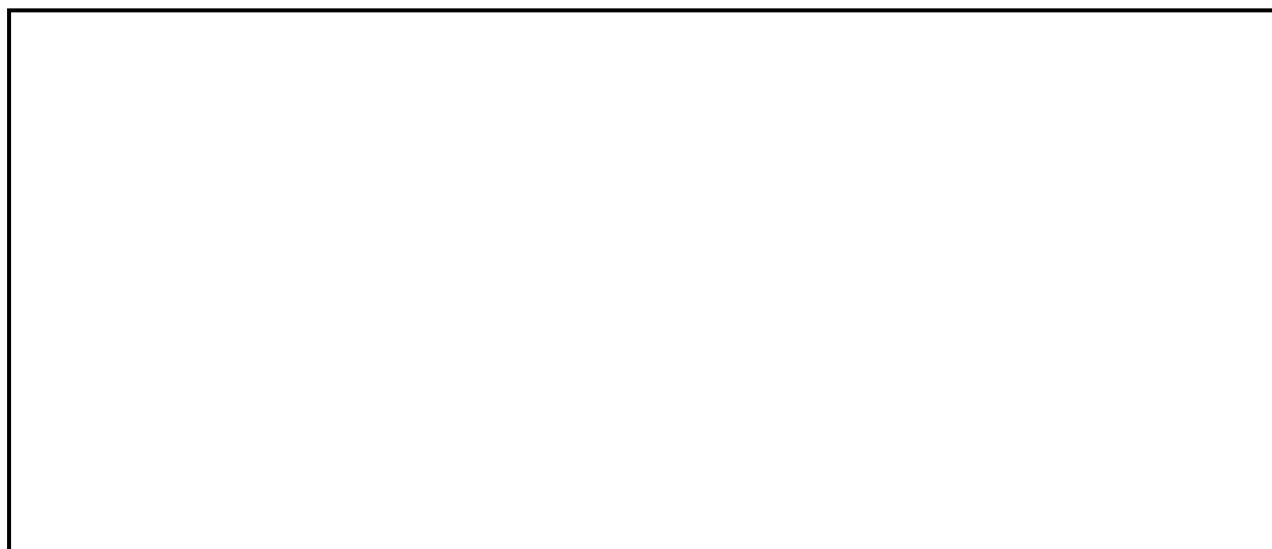
- Harness Type: Chassis
- OEM Connector: 13505427
- Service Connector: 22836728
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

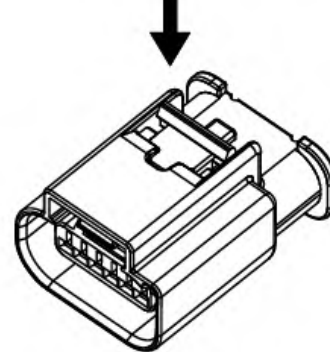
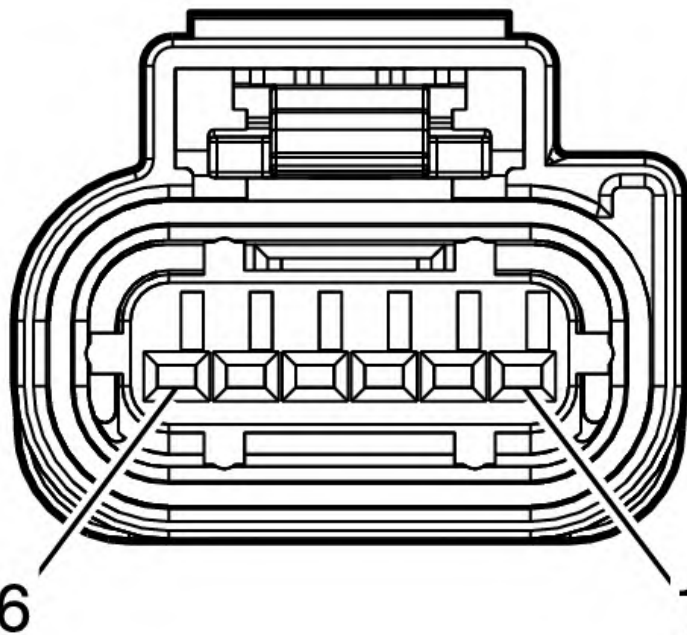
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	0.5	BN/GN	1118	Right Rear Damping Servo Control	I	-
2	0.5	GN/GY	1119	Right Rear Damping Servo Control	I	-

Q38 THROTTLE BODY





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13507087
- Service Connector: 19352911
- Description: 6-Way F 1.2 MCON Series, Sealed (BK)

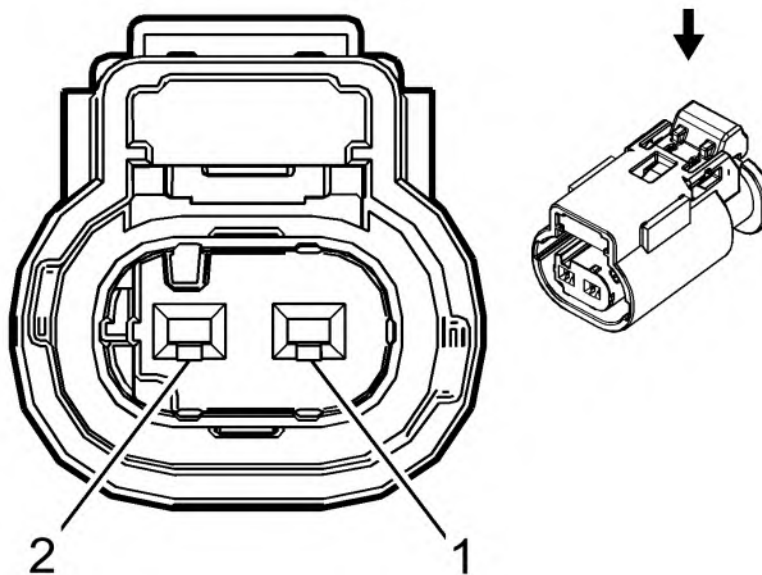
Terminal Part Information

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

Q40 TURBOCHARGER BYPASS SOLENOID VALVE





Connector Part Information

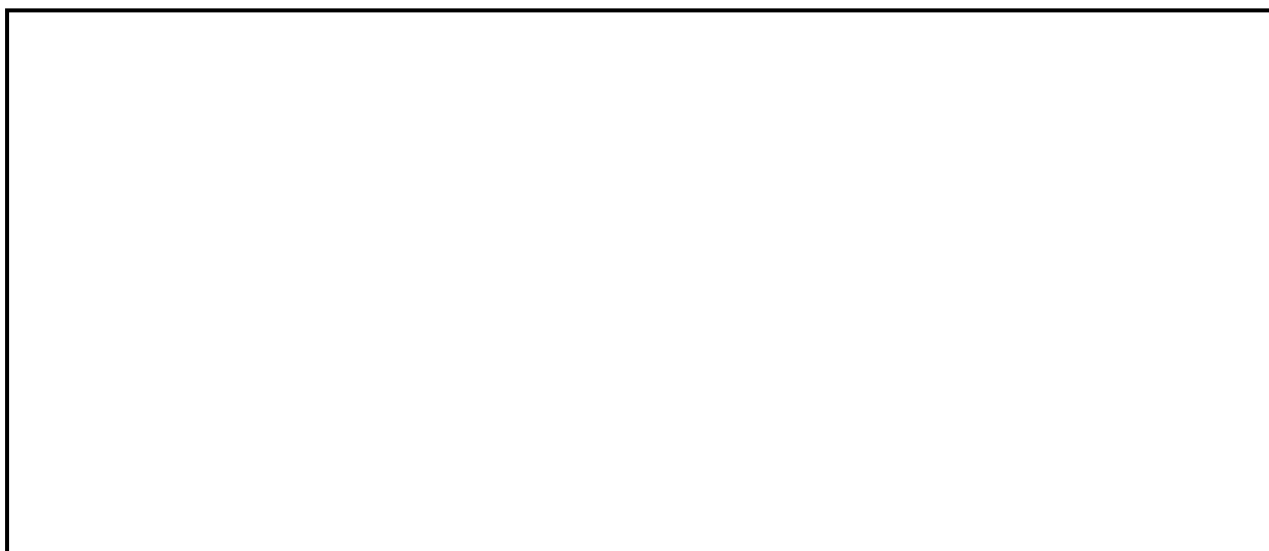
- Harness Type: Engine
- OEM Connector: 13503568
- Service Connector: 13587321
- Description: 2-Way F 1.2 Multilock Series, Sealed (D-GY)

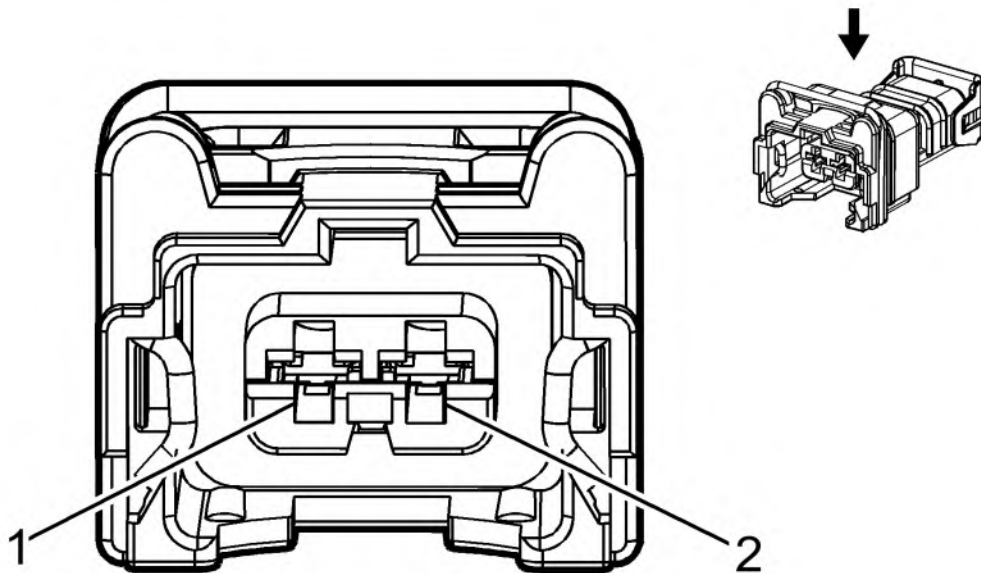
Terminal Part Information

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	-
2	0.5	GN	3060	Turbo Bypass Solenoid Control Bank 1	I	-

Q42 TURBOCHARGER WASTEGATE SOLENOID VALVE





Connector Part Information

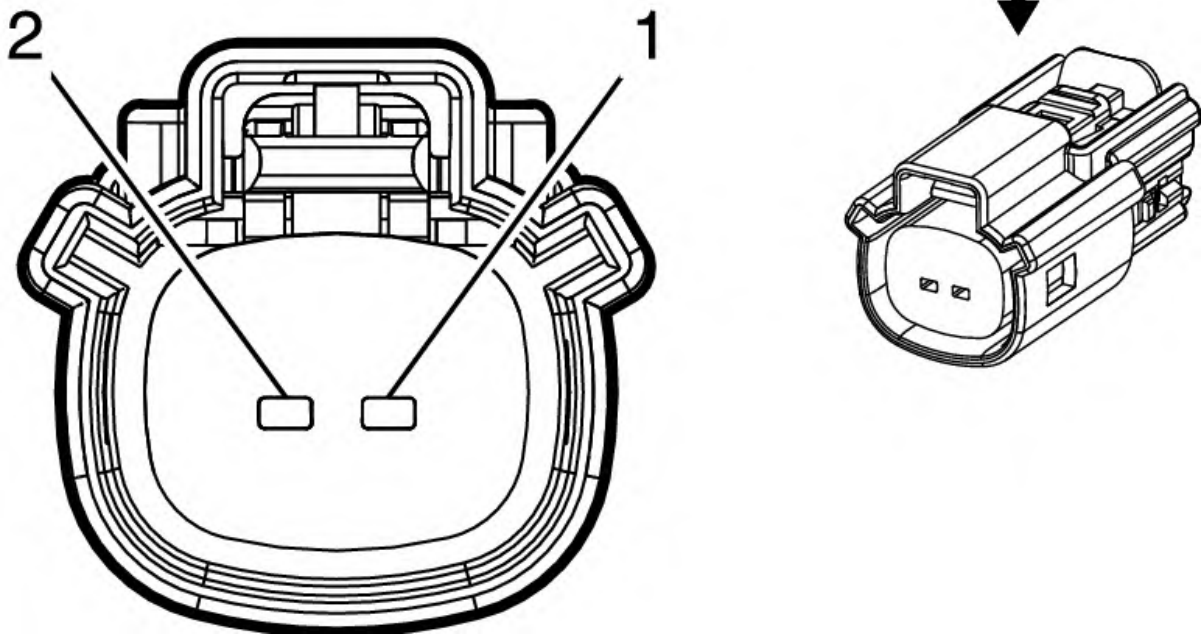
- Harness Type: Engine
- OEM Connector: 55565698
- Service Connector: 13577536
- Description: 2-Way F 2.8 DCS Series, Sealed (BK)

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	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BN/YE	258	Waste Gate Solenoid Control	I	-

Q44 ENGINE OIL PRESSURE CONTROL SOLENOID VALVE



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13583151
- Service Connector: 13577534
- Description: 2-Way F 150 MX Series, Sealed (BK)

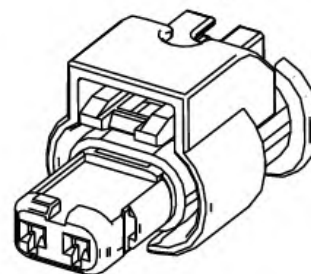
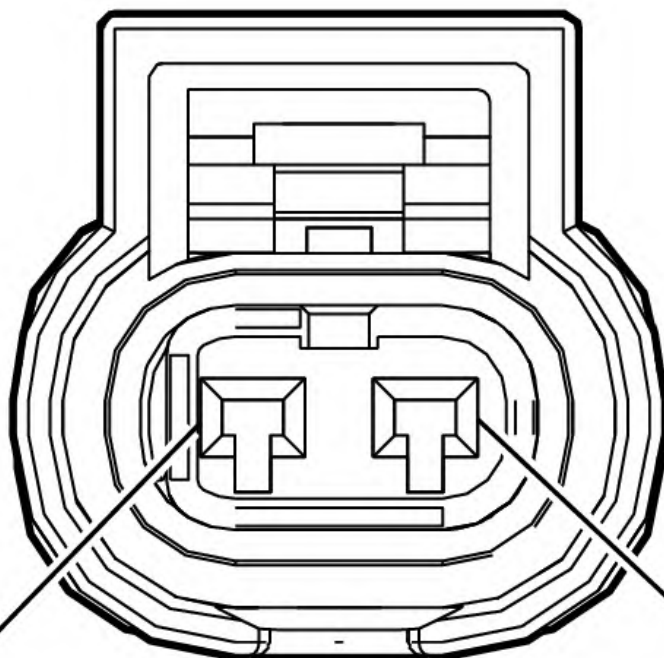
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	I	-
2	0.5	BU	179	Oil Pump Command Signal	I	-

Q46 A/C COMPRESSOR SOLENOID VALVE





2

1

Connector Part Information

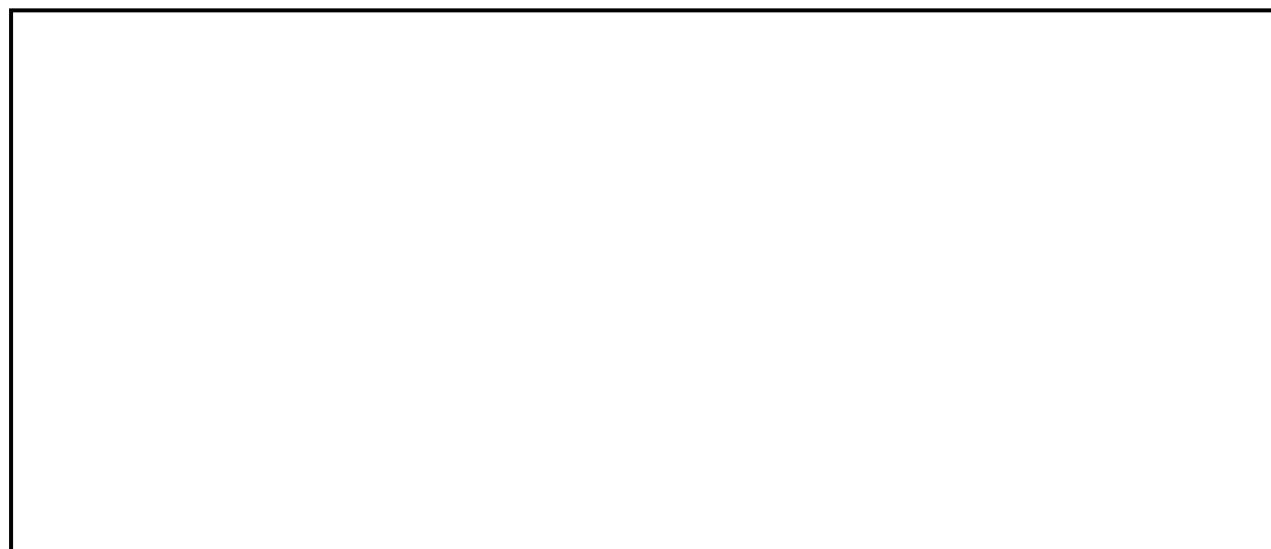
- Harness Type: Engine
- OEM Connector: 13586144
- Service Connector: 19299928
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

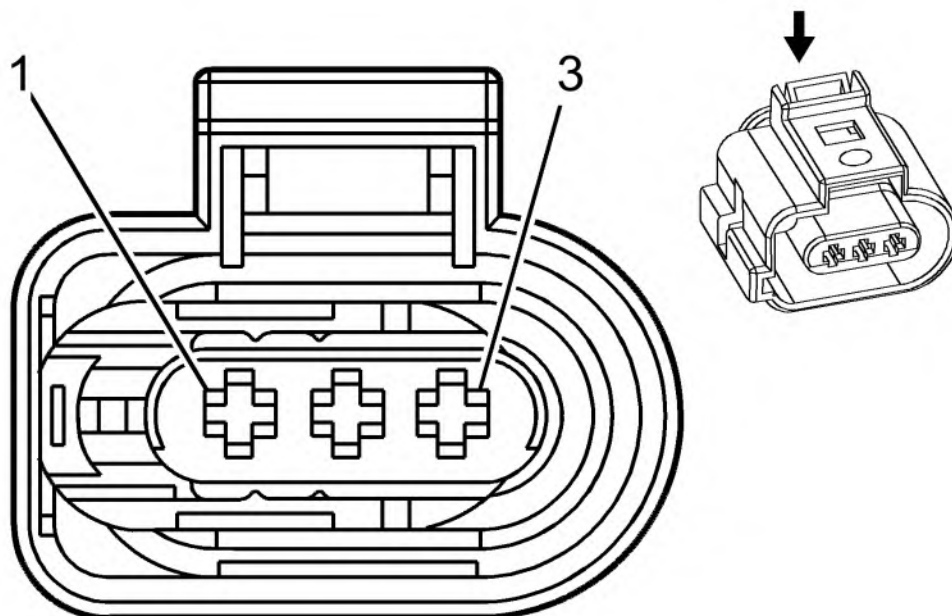
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BU/YE	7574	Electric Variable Displacement Control	I	-
2	0.75	BU/BN	7573	Electric Variable Displacement Supply	I	-

Q49 REAR DIFFERENTIAL CLUTCH SOLENOID VALVE (G99)





Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 1813271 - 1
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F

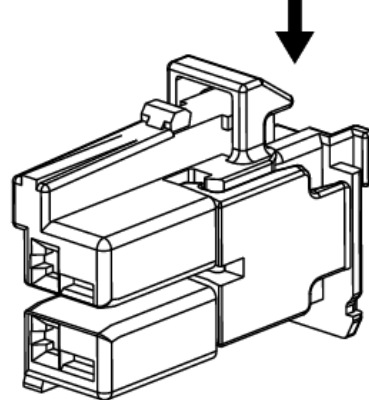
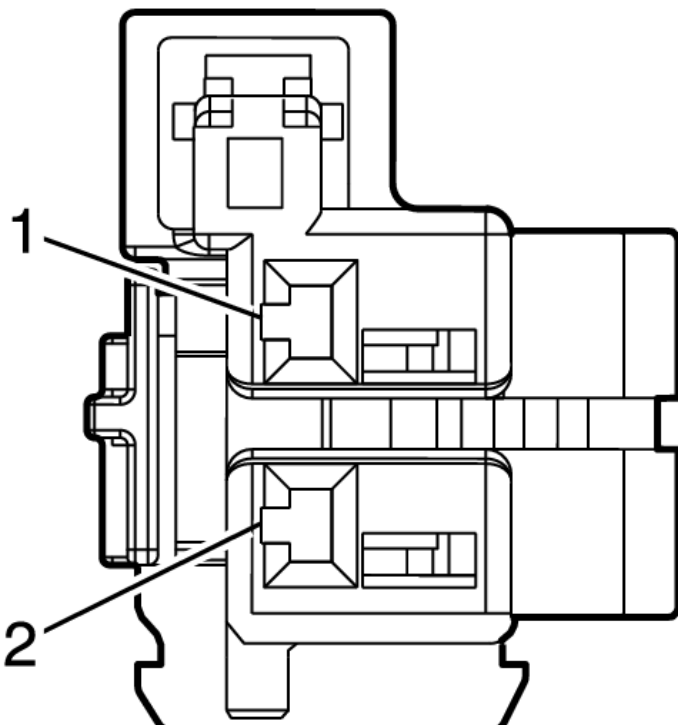
Terminal Part Information

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	WH/BK	911	Differential Clutch Solenoid Valve 2 Low Control Signal	I	-
2	0.5	WH/OG	910	Differential Clutch Solenoid Valve 1 Low Control Signal	I	-
3	0.5	WH	909	Differential Clutch Solenoid Valve High Control Signal	I	-

Q77A TRANSMISSION CONTROL SOLENOID VALVE 1





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

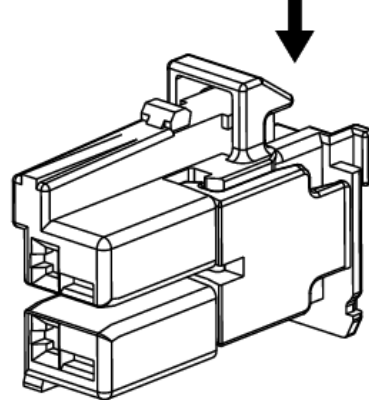
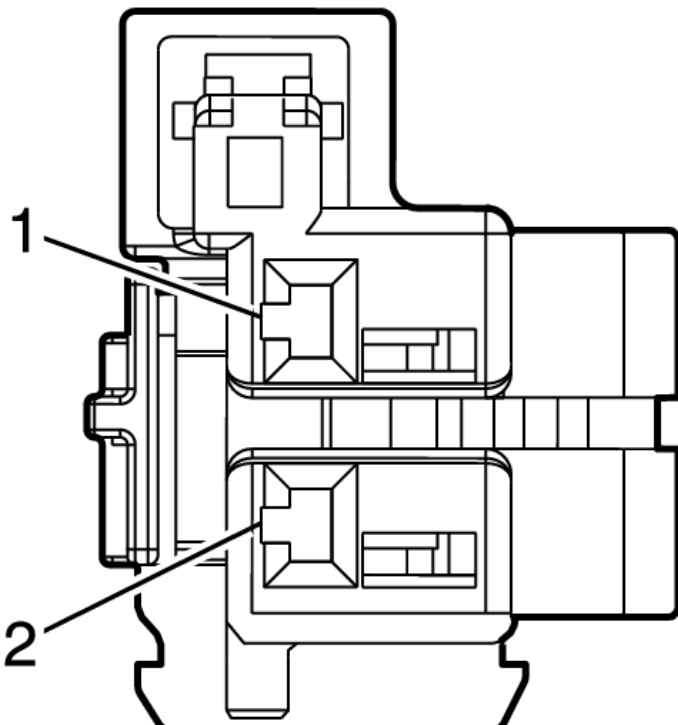
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	6388	Transmission High Side Driver 2 Signal	I	-
2	0.5	GY	6402	Clutch C Control	I	-

Q77B TRANSMISSION CONTROL SOLENOID VALVE 2





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

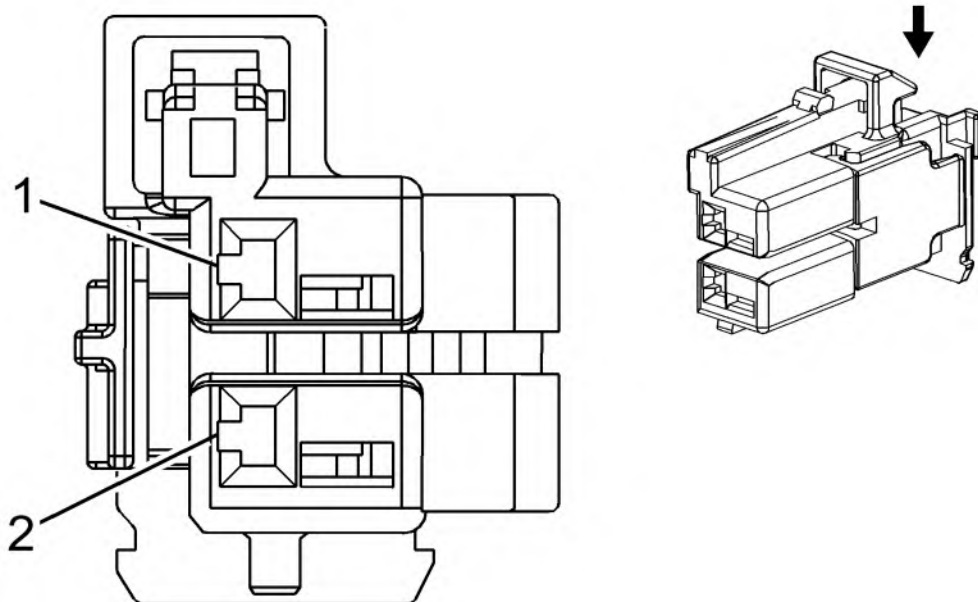
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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	-
2	0.5	GY/GN	6403	Clutch D Control	I	-

Q77C TRANSMISSION CONTROL SOLENOID VALVE 3





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

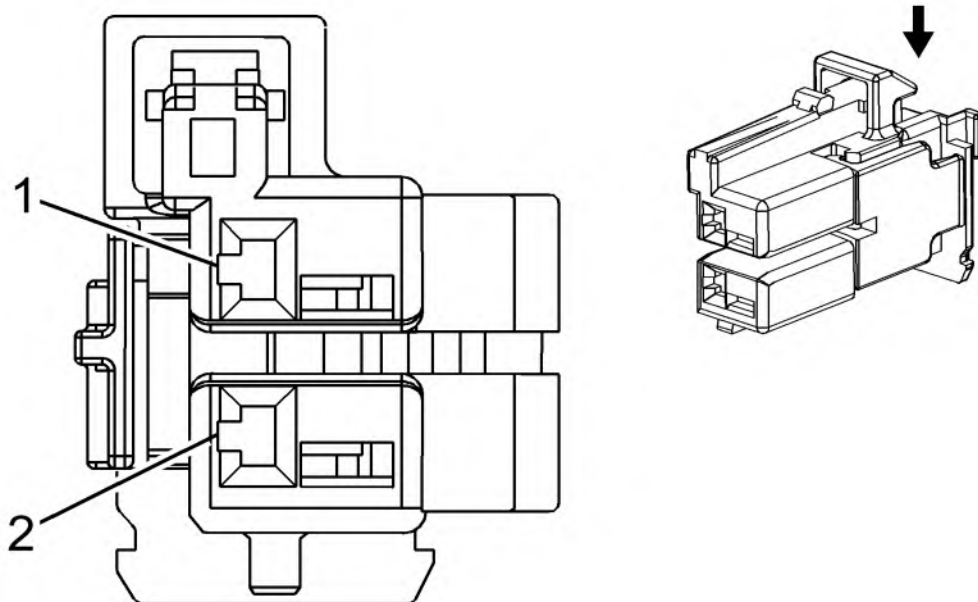
Terminal Part Information

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	-
2	0.5	YE/BN	6404	Clutch E Control	I	-

Q77D TRANSMISSION CONTROL SOLENOID VALVE 4





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

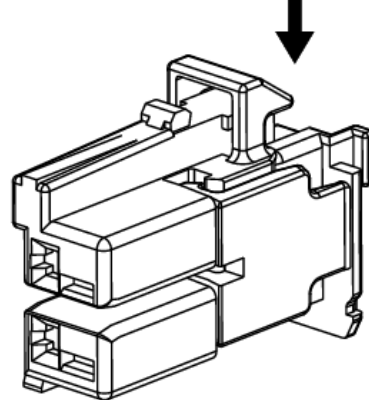
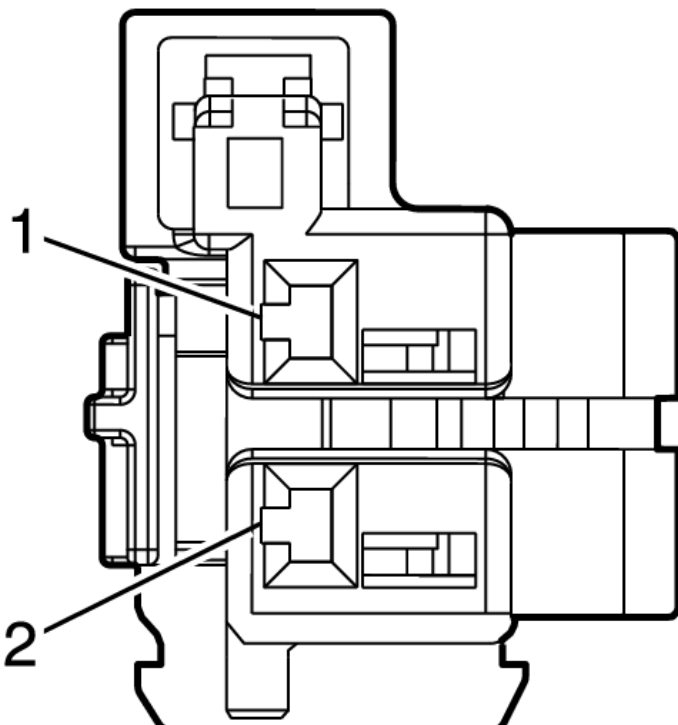
Terminal Part Information

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	-
2	0.5	VT	4509	Transmission Clutch F Control	I	-

Q77E TRANSMISSION CONTROL SOLENOID VALVE 5





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

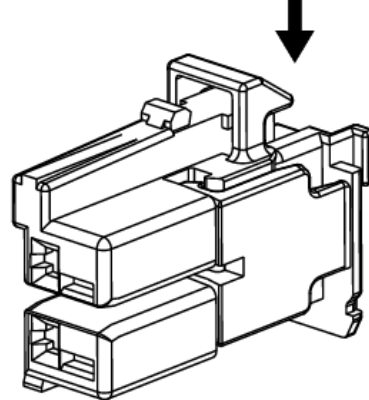
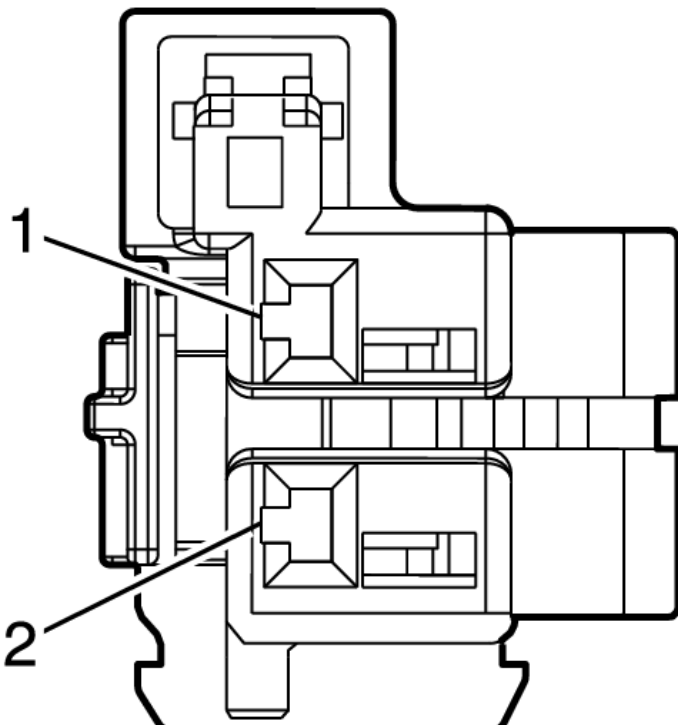
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	BU	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	WH	4508	Transmission Clutch G Control	I	-

Q77F TRANSMISSION CONTROL SOLENOID VALVE 6





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

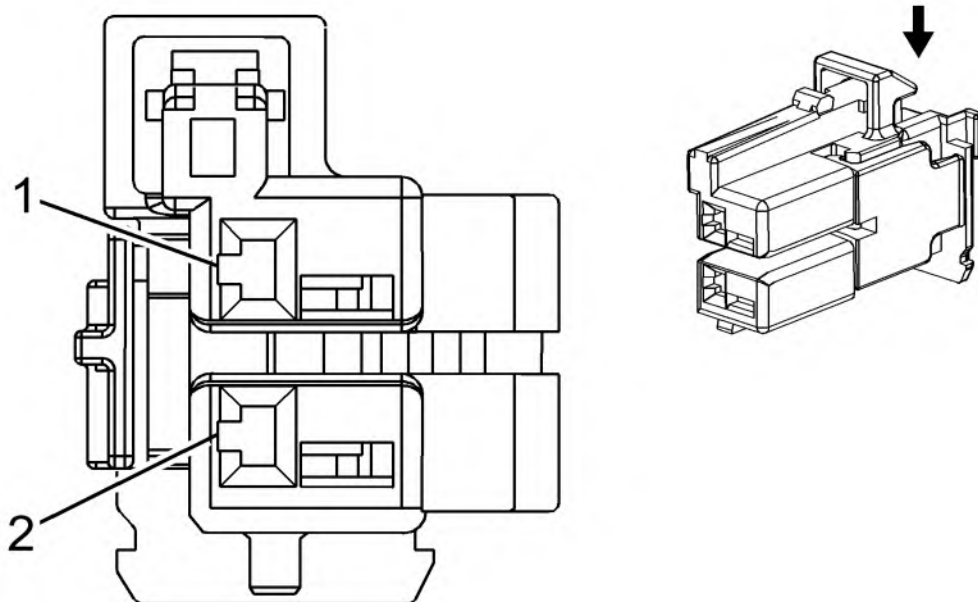
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	WH/BU	4507	Transmission Clutch H Control	I	-

Q77G TRANSMISSION CONTROL SOLENOID VALVE 7





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

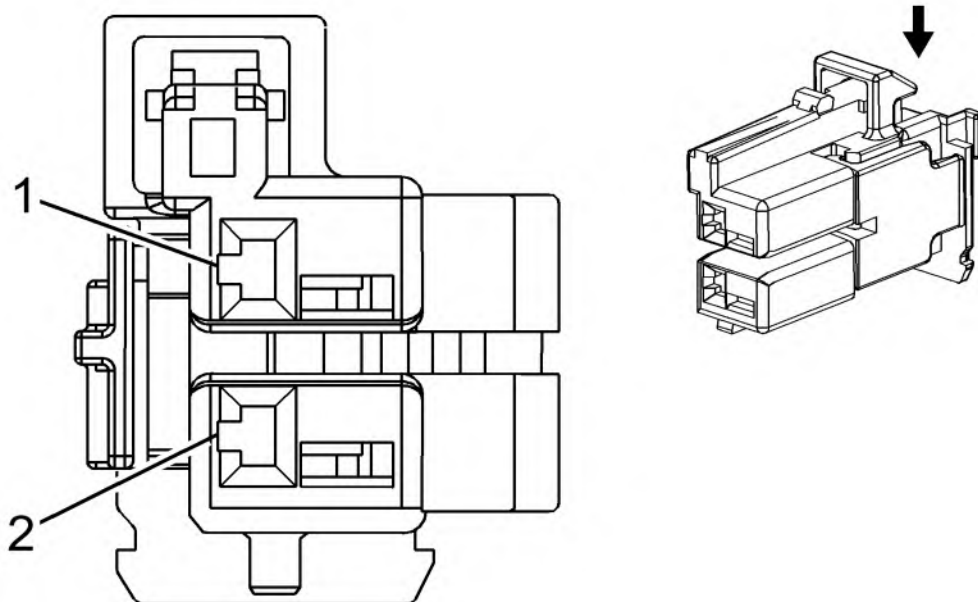
Terminal Part Information

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	-
2	0.5	BN	6400	Clutch A Control	I	-

Q77H TRANSMISSION CONTROL SOLENOID VALVE 8





Connector Part Information

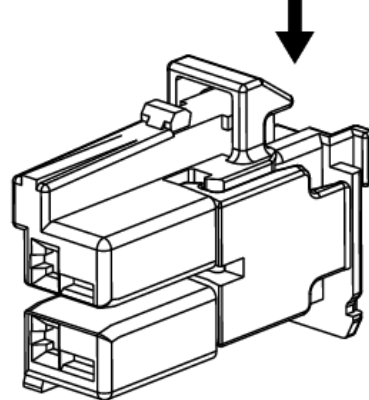
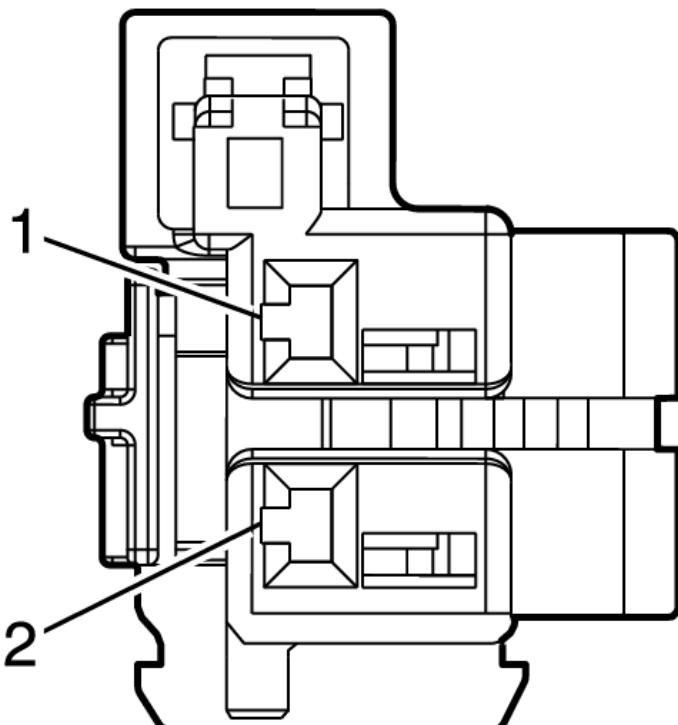
- Harness Type: Transmission
- OEM Connector: 2289523-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BU)

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	-
2	0.5	BU	6401	Clutch B Control	I	-

Q77J TRANSMISSION CONTROL SOLENOID VALVE 9



Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

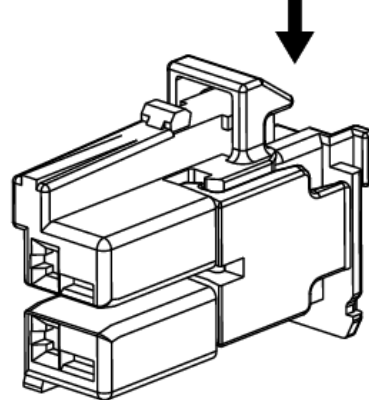
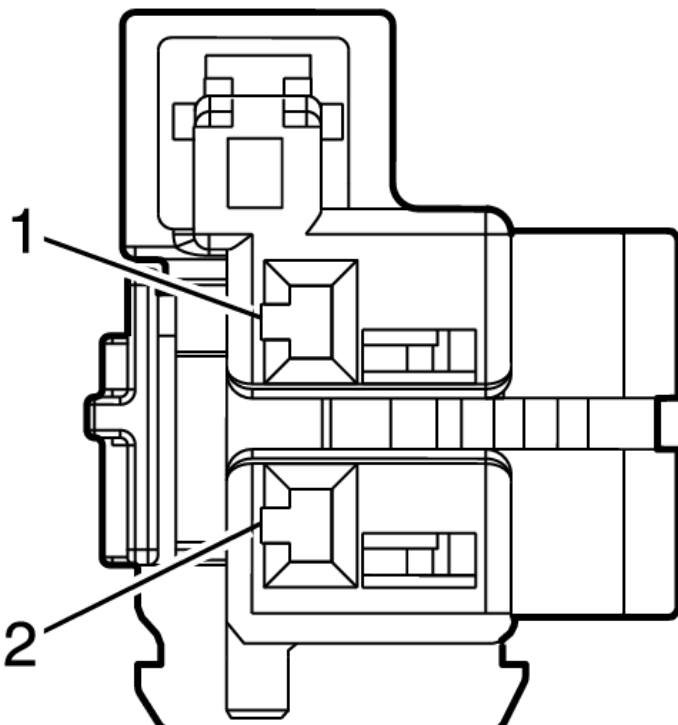
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	GN/BK	5501	TCC/Clutch Select Solenoid Control	I	-

Q77K TRANSMISSION CONTROL SOLENOID VALVE 10





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2289523-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (BN)

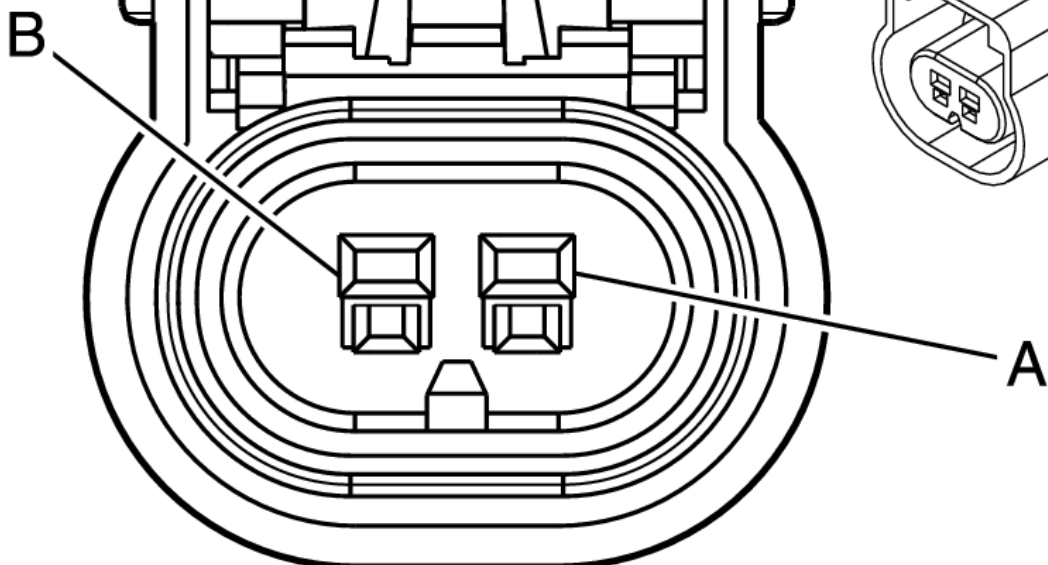
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/GY	6387	Transmission High Side Driver 1 Signal Driver	I	-
2	0.5	WH/GN	1971	Transmission Oil Level Sensor Signal	I	-

R6A TERMINATING RESISTOR - HIGH SPEED BUS (F48)





Connector Part Information

- Harness Type: Chassis
- OEM Connector: 15326802
- Service Connector: 13580114
- Description: 2-Way F 150 Series, Sealed (BK)

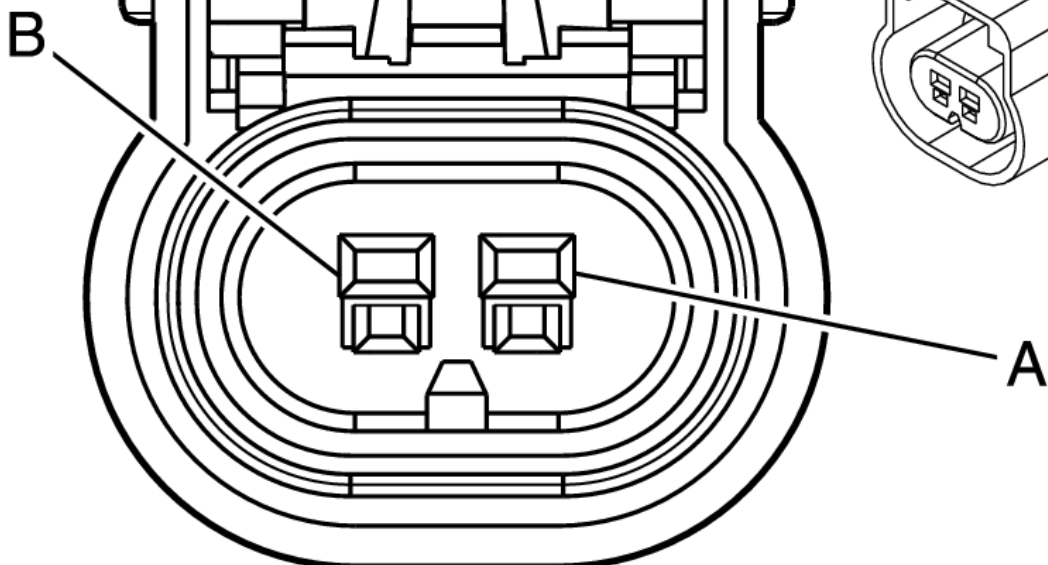
Terminal Part Information

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
A	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	F48
B	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	F48

R6A TERMINATING RESISTOR - HIGH SPEED BUS (-F48)





Connector Part Information

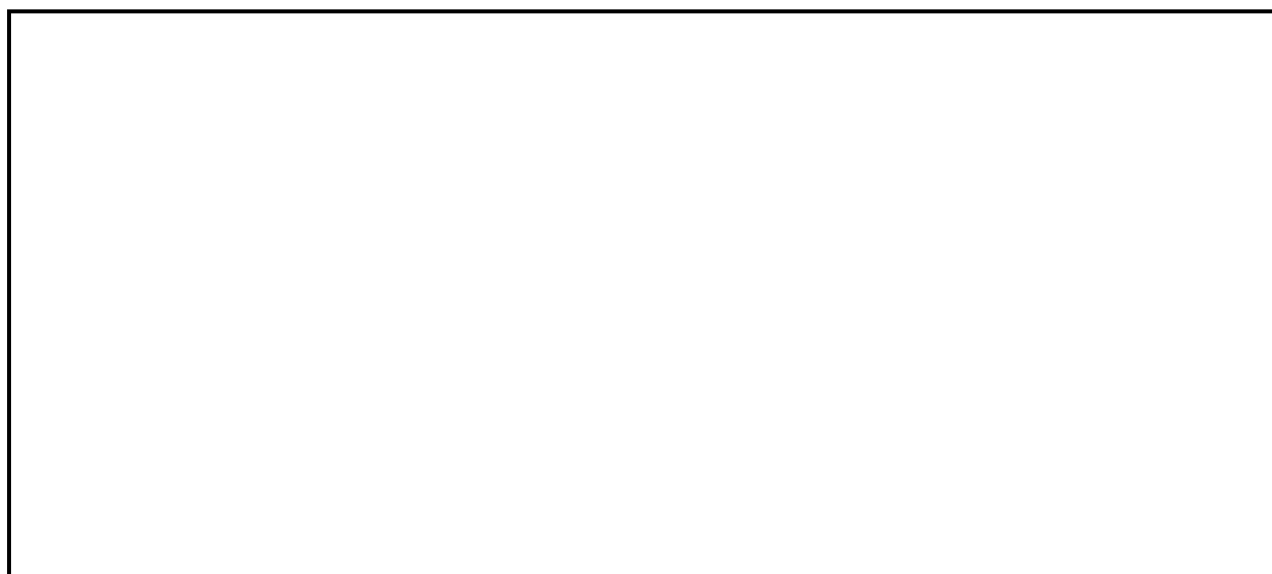
- Harness Type: Body
- OEM Connector: 15326802
- Service Connector: 13580114
- Description: 2-Way F 150 Series, Sealed (BK)

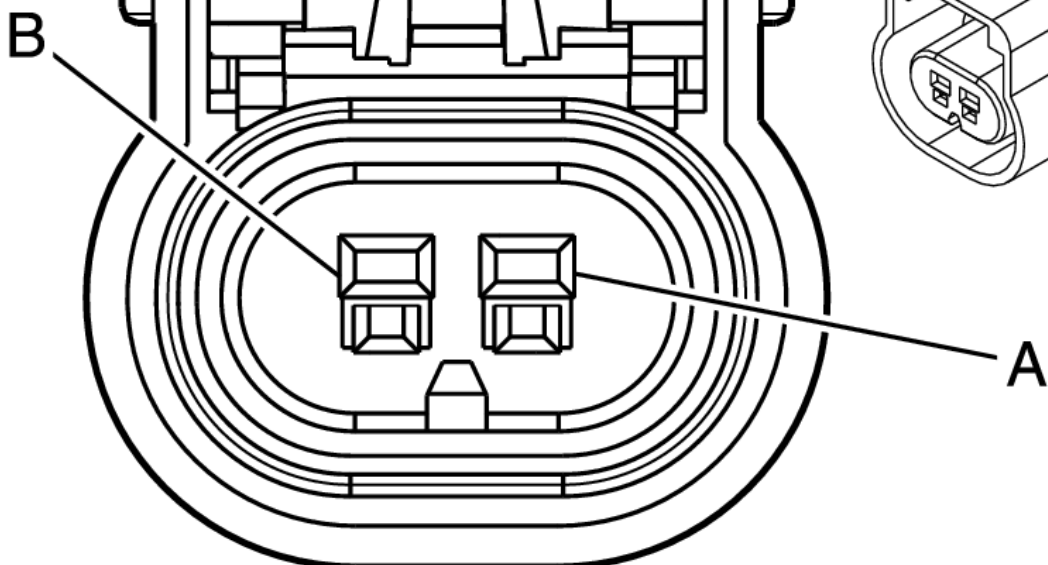
Terminal Part Information

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
A	0.35	BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
B	0.35	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-

R6E TERMINATING RESISTOR - HIGH SPEED EXTENSION BUS 1





Connector Part Information

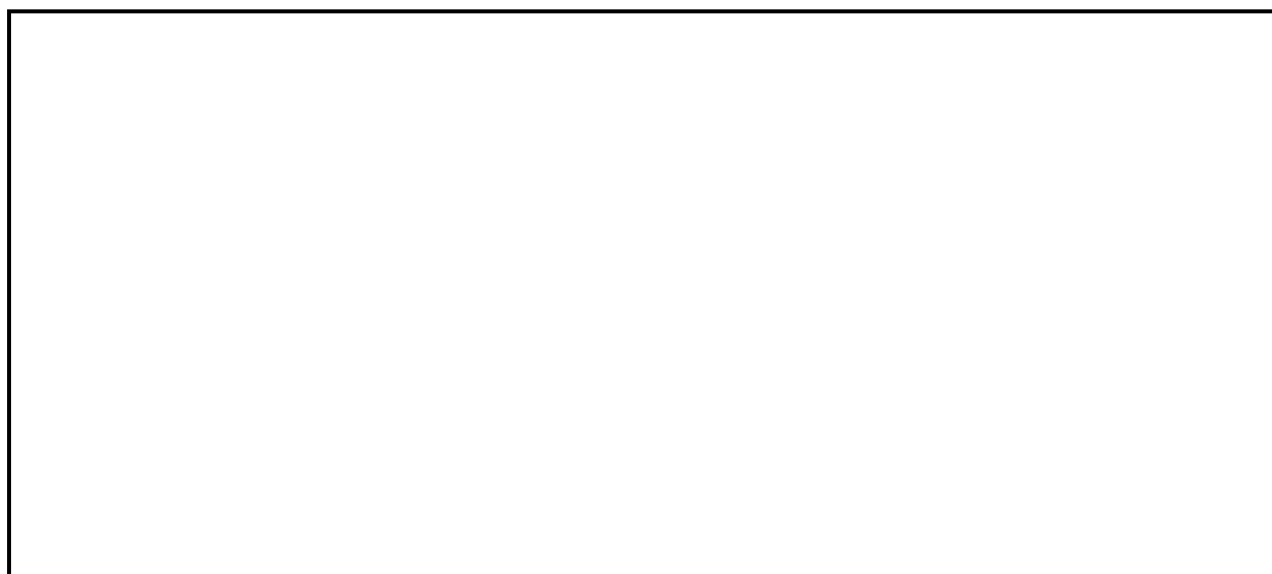
- Harness Type: Body
- OEM Connector: 15326802
- Service Connector: 13580114
- Description: 2-Way F 150 Series, Sealed (BK)

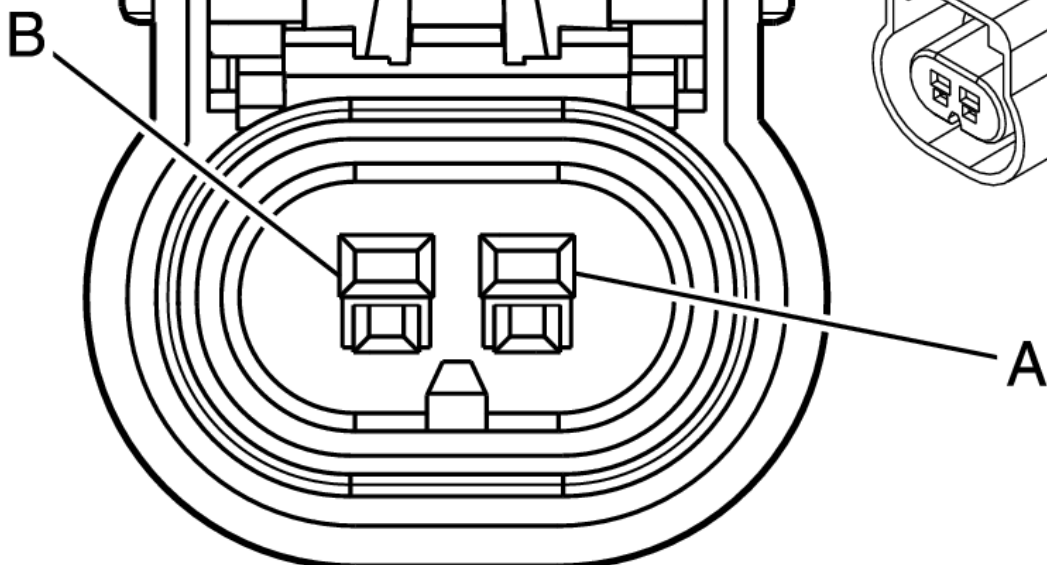
Terminal Part Information

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
A	0.35	BU/GY	3935	High Speed GMLAN Serial Data (+) 8	I	UGN
B	0.35	WH/GY	3936	High Speed GMLAN Serial Data (-) 8	I	UGN

R6F TERMINATING RESISTOR - HIGH SPEED EXTENSION BUS 2





Connector Part Information

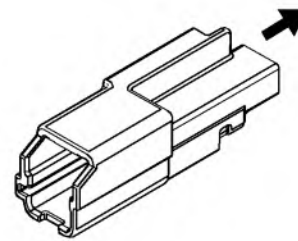
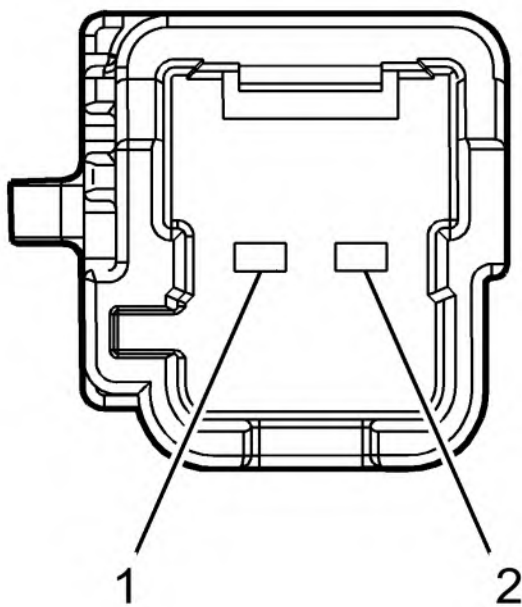
- Harness Type: Instrument Panel
- OEM Connector: 15326802
- Service Connector: 13580114
- Description: 2-Way F 150 Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	II	IO5/IO6
	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+)9	I	UE1-IO5-IO6
B	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	II	IO5/IO6
	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-)9	I	UE1-IO5-IO6

R44 RADIO AM ANTENNA SIGNAL FILTER MODULE - CENTER HIGH MOUNTED STOP LAMP X1 (W49)



Connector Part Information

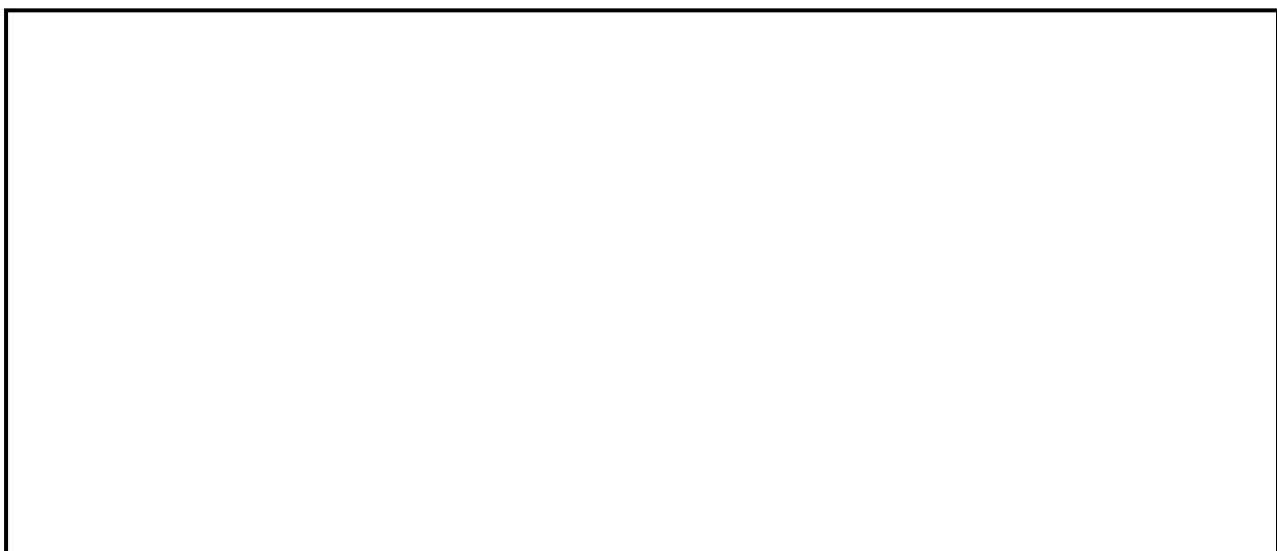
- Harness Type: Body
- OEM Connector: 13591362
- Service Connector: 19332377
- Description: 2-Way M 1.2 Series (GY)

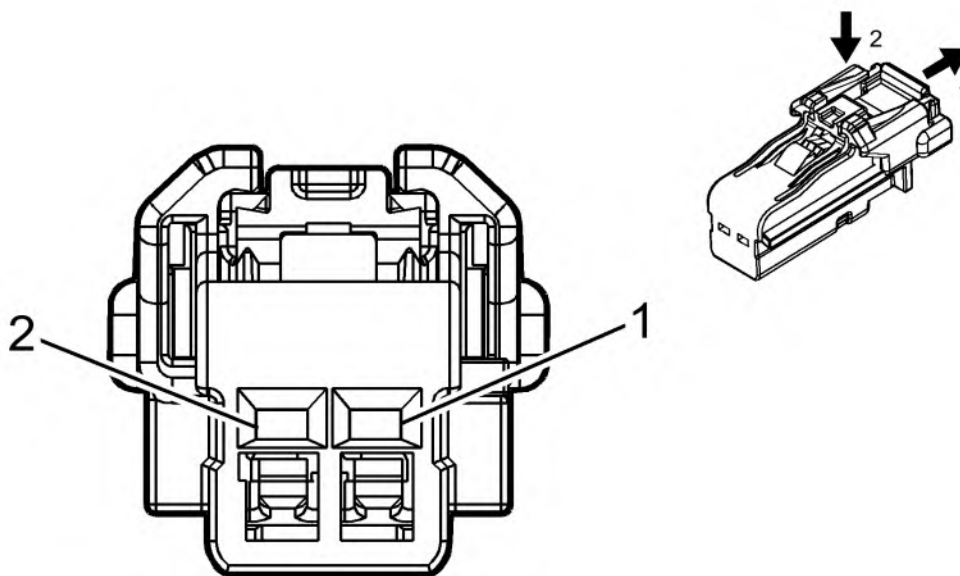
Terminal Part Information

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	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
2	0.5	BK	1350	Ground	I	-

R44 RADIO AM ANTENNA SIGNAL FILTER MODULE - CENTER HIGH MOUNTED STOP LAMP X2 (W49)





Connector Part Information

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

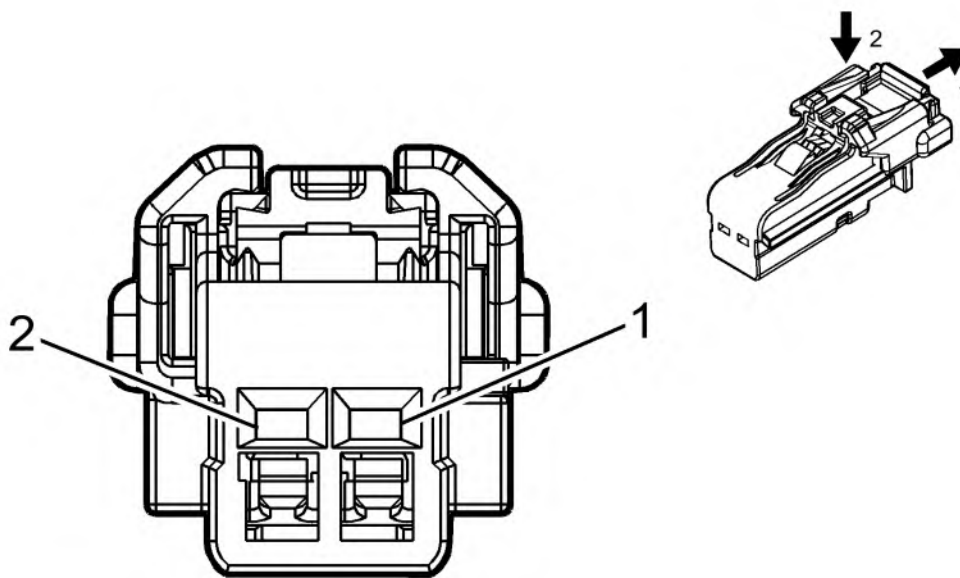
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
2	0.5	BK	1350	Ground	I	-

R44 RADIO AM ANTENNA SIGNAL FILTER MODULE - CENTER HIGH MOUNTED STOP LAMP X2 (X49)





Connector Part Information

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

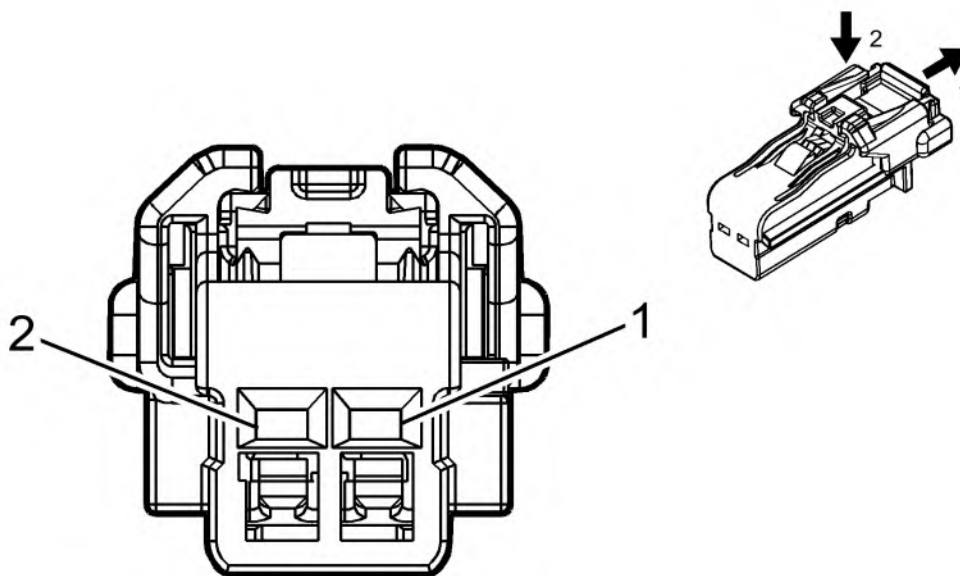
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
2	0.5	BK	1350	Ground	I	-

R44 RADIO AM ANTENNA SIGNAL FILTER MODULE - CENTER HIGH MOUNTED STOP LAMP X2 (X88)





Connector Part Information

- Harness Type: Liftgate Extension
- OEM Connector: 6098-8431
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 Series (BK)

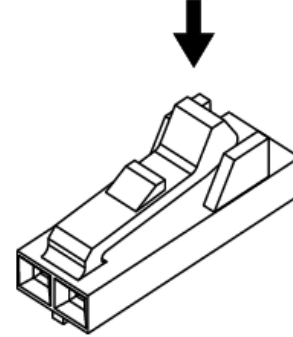
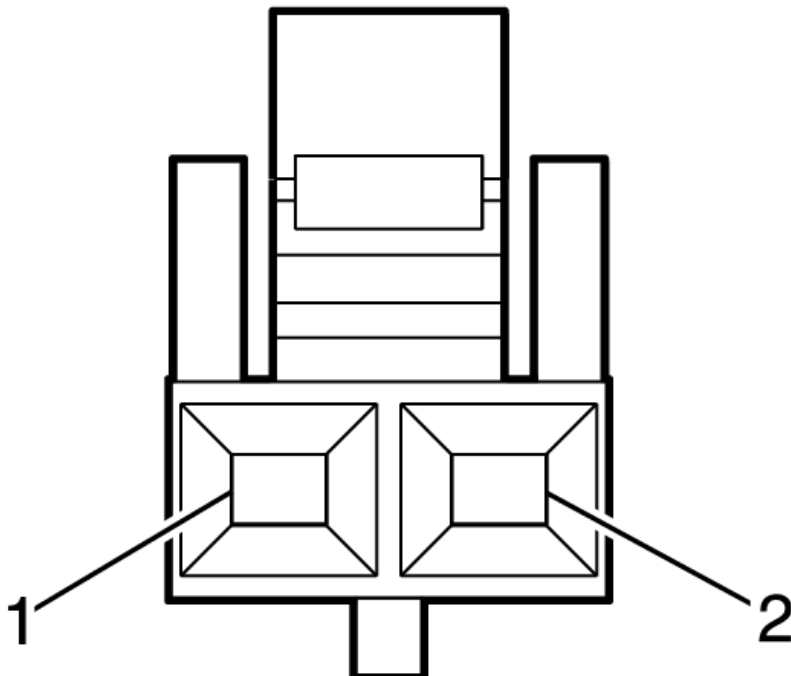
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	I	-
2	0.5	BK	1350	Ground	I	-

S2L TRANSMISSION MANUAL SHIFT SWITCH - LEFT (M3W)





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 104257-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 0.64 Series (BK)

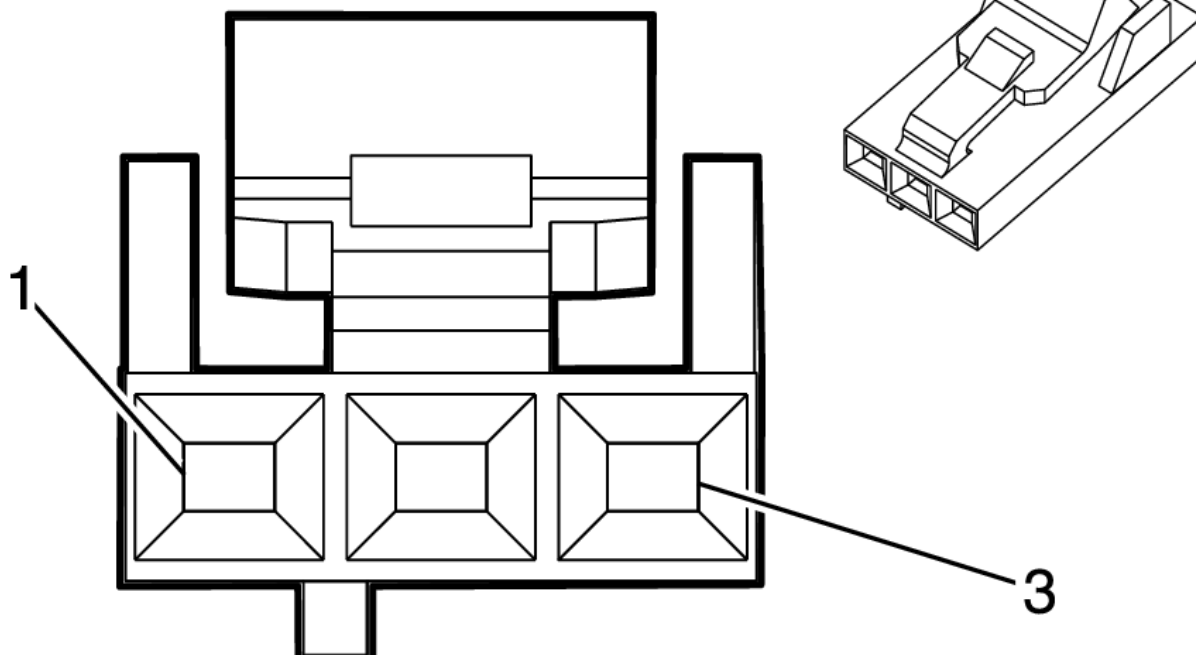
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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	BK	1550	Ground	I	-
2	0.5	YE	5525	Tap Up/Tap Down Enable Signal	I	-

S2R TRANSMISSION MANUAL SHIFT SWITCH - RIGHT (M3W)





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 104257-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 0.64 Series (BK)

Terminal Part Information

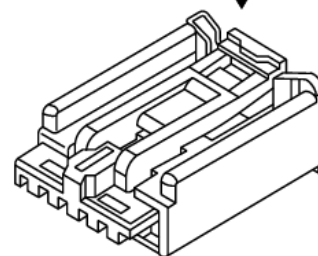
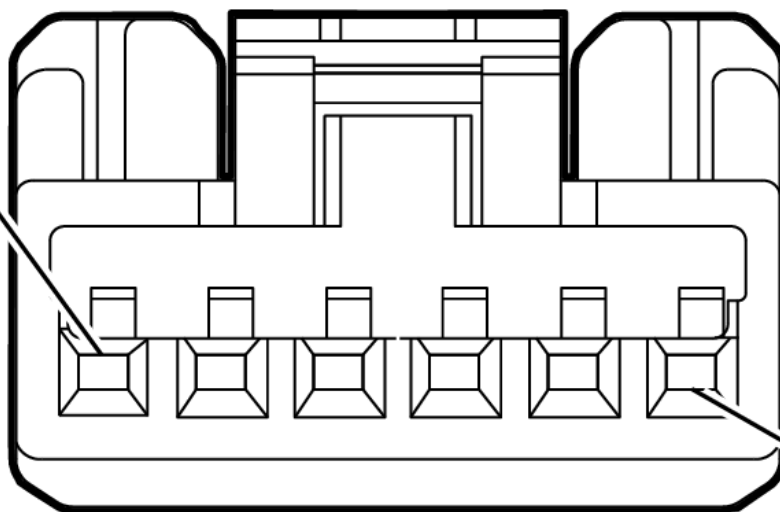
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	WH/YE	5526	Tap Up/Tap Down Switch Signal	I	-
2	0.5	BK	1550	Ground	I	-
3	0.5	YE	5525	Tap Up/Tap Down Enable Signal	I	-

S3 TRANSMISSION SHIFT LEVER (M3V)



6



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Connector Part Information

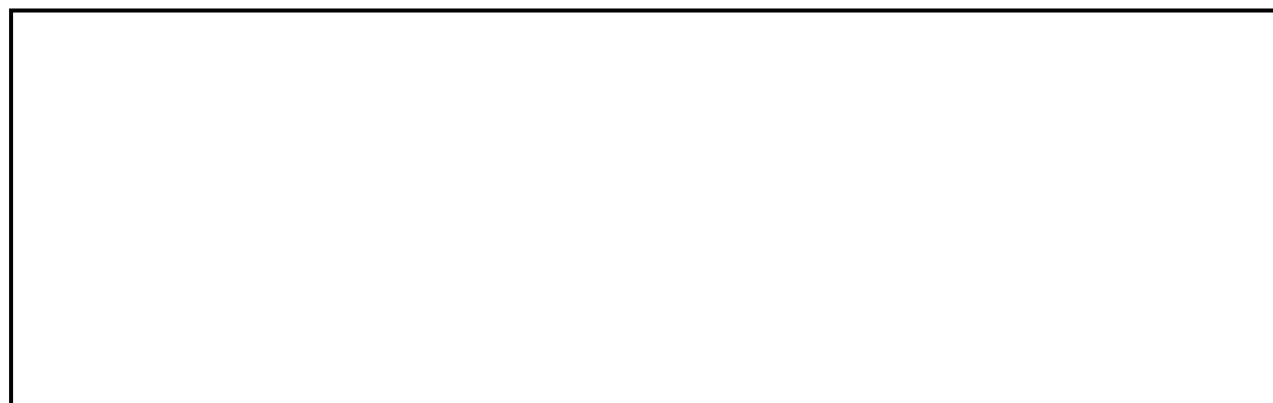
- Harness Type: Floor Console
- OEM Connector: 15269798
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 Kaizen Series (BK)

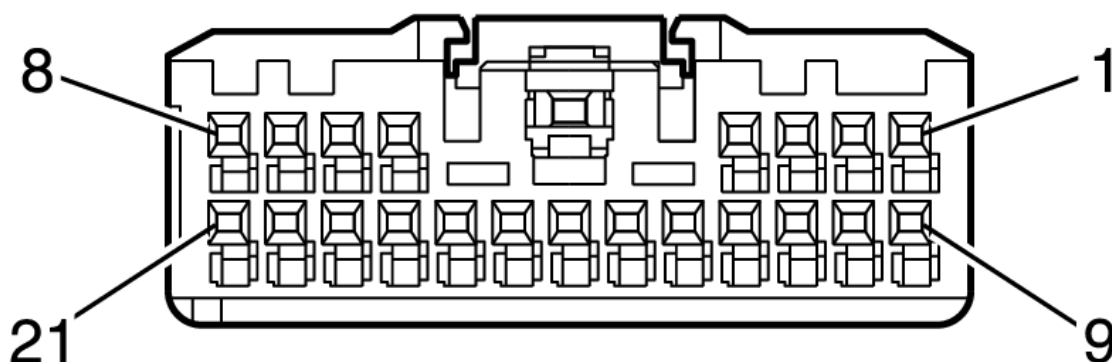
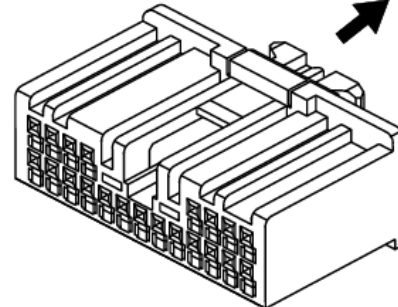
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BK	1650	Ground	I	M3V
3	0.35	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	-
4	0.35	VT/BK	7553	Park Lock Solenoid Control	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	5905	Key Capture/Column Lock Shift Position Signal	I	-

S3 TRANSMISSION SHIFT LEVER (M3W)





Connector Part Information

- Harness Type: Floor Console
- OEM Connector: 13510219
- Service Connector: Service by Harness - See Part Catalog
- Description: 21-Way F 0.64 Series (OG)

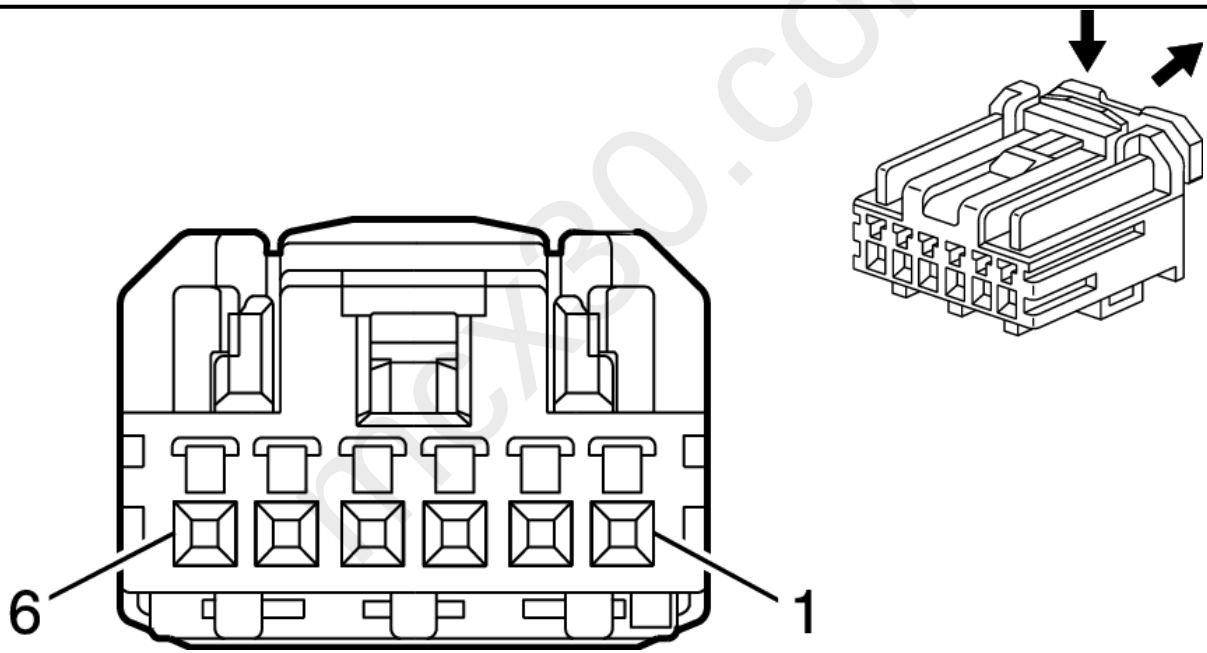
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	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/BU	2633	Transmission Shifter Position Sensor 2 Alpha Signal	I	-
2	0.35	BK/GN	2636	Transmission Shifter Position Sensor 2 Low Reference	I	-
3	0.35	VT/BU	2634	Transmission Shifter Position Sensor 2 Beta Signal	I	-
4	0.35	GN/RD	2635	Transmission Shifter Position Sensor 2 Voltage Reference	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	BU/BN	1378	Transmission Shift Selector Display Signal	I	-
7	0.35	GN/GY	4120	Local Interconnect Network Serial Data Bus 20	I	-
8	0.35	BK	1650	Ground	I	-
9	0.35	VT/GN	2629	Transmission Shifter Park Position Switch 1 Signal	I	-
10	0.35	BK/GY	2630	Transmission Shifter Park Position Switch 1 Return	I	-
11	0.35	WH/GY	2631	Transmission Shifter Park Position Switch 2 Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	BK/VT	2632	Transmission Shifter Park Position Switch 2 Return	I	-
13	0.35	BU/RD	2646	Transmission Shifter Position Sensor 1 Voltage Reference	I	-
14	0.35	YE/BN	2644	Transmission Shifter Position Sensor 1 Alpha Signal	I	-
15	0.35	BK/BU	2647	Transmission Shifter Position Sensor 1 Low Reference	I	-
16	0.35	VT/BN	2645	Transmission Shifter Position Sensor 1 Beta Signal	I	-
17	-	-	-	Not Occupied	-	-
18	0.35	BK/BN	2649	Transmission Shift Interlock Switch 1 Return	I	-
19	0.35	WH	2648	Transmission Shift Interlock Switch 1 Signal	I	-
20	0.35	BK/GN	2655	Transmission Shift Interlock Switch 2 Return	I	-
21	0.35	WH/GN	2654	Transmission Shift Interlock Switch 2 Signal	I	-

S13D DOOR LOCK SWITCH - DRIVER



Connector Part Information

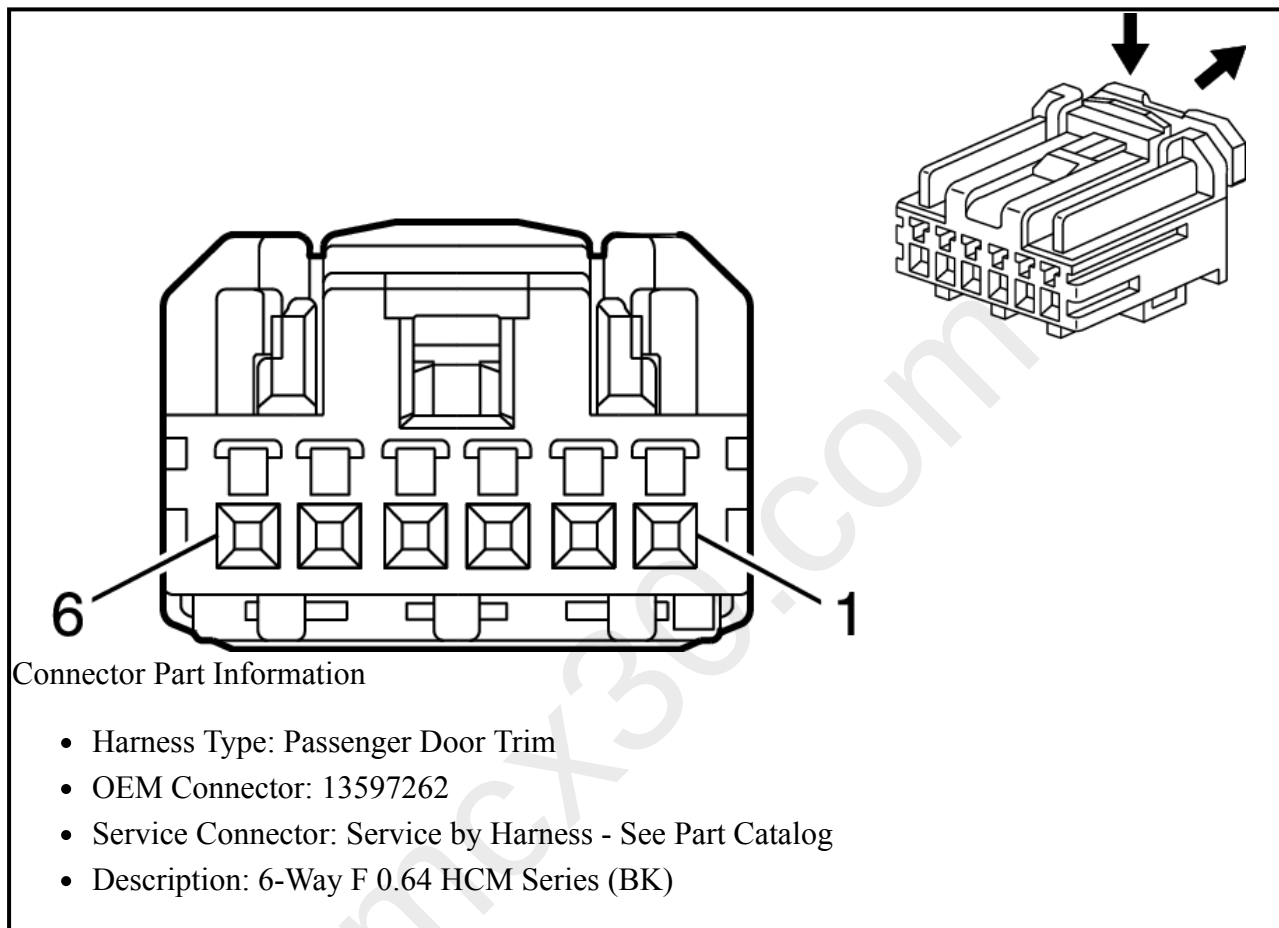
- Harness Type: Driver Door Trim
- OEM Connector: 13597262
- Service Connector: Service by Harness - See Part Catalog
- Description: 6-Way F 0.64 HCM Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE	6817	LED Backlight Dimming Control	I	-
2	0.35	BN/YE	780	Driver Door Lock Switch Lock Signal	I	-
3	0.35	BN/WH	781	Driver Door Lock Switch Unlock Signal	I	-
4	0.35	BK	750	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-

S13P DOOR LOCK SWITCH - PASSENGER



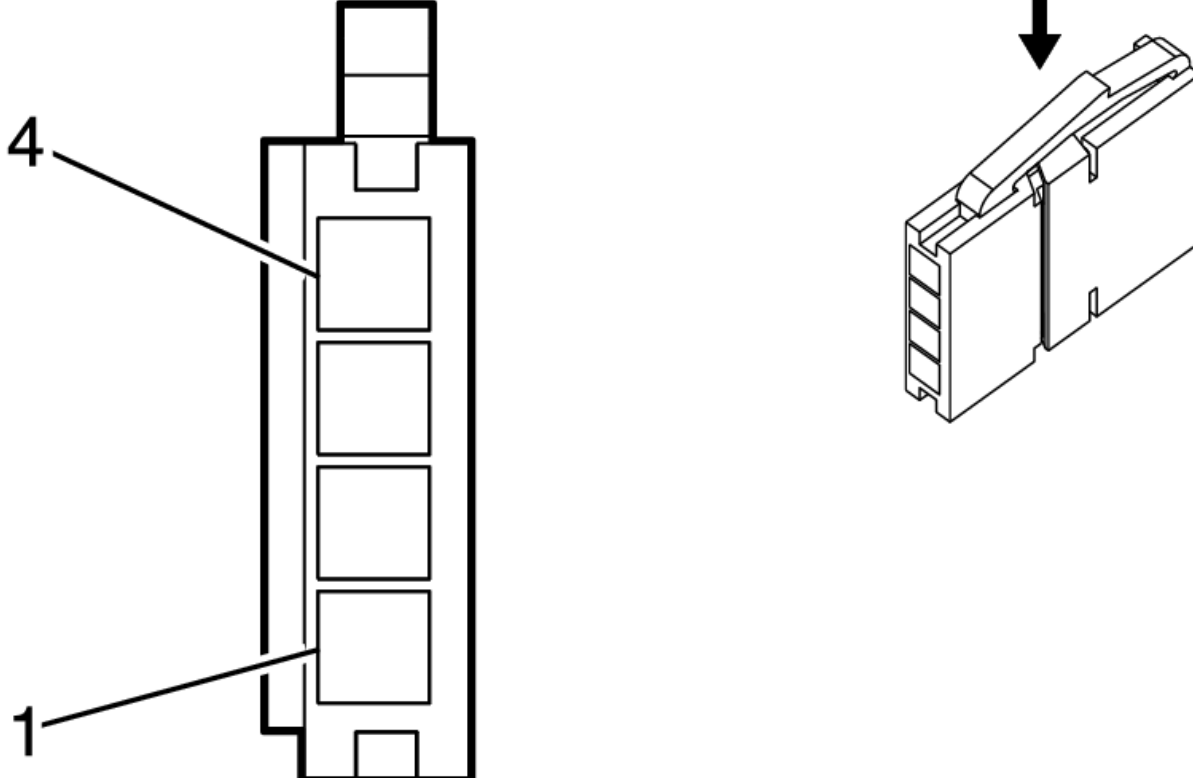
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (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	6817	LED Backlight Dimming Control	I	-
2	0.35	YE/VT	244	Passenger Door Lock Switch Lock Control	I	-
3	0.35	BN/VT	245	Passenger Door Lock Switch Unlock Control	I	-
4	0.35	BK	650	Ground	I	-
5 - 6	-	-	-	Not Occupied	-	-

S25 GARAGE DOOR OPENER (W49)

Connector Part Information



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 13879342
- Service Connector: 19300600
- Description: 4-Way F f13601803 (BK)

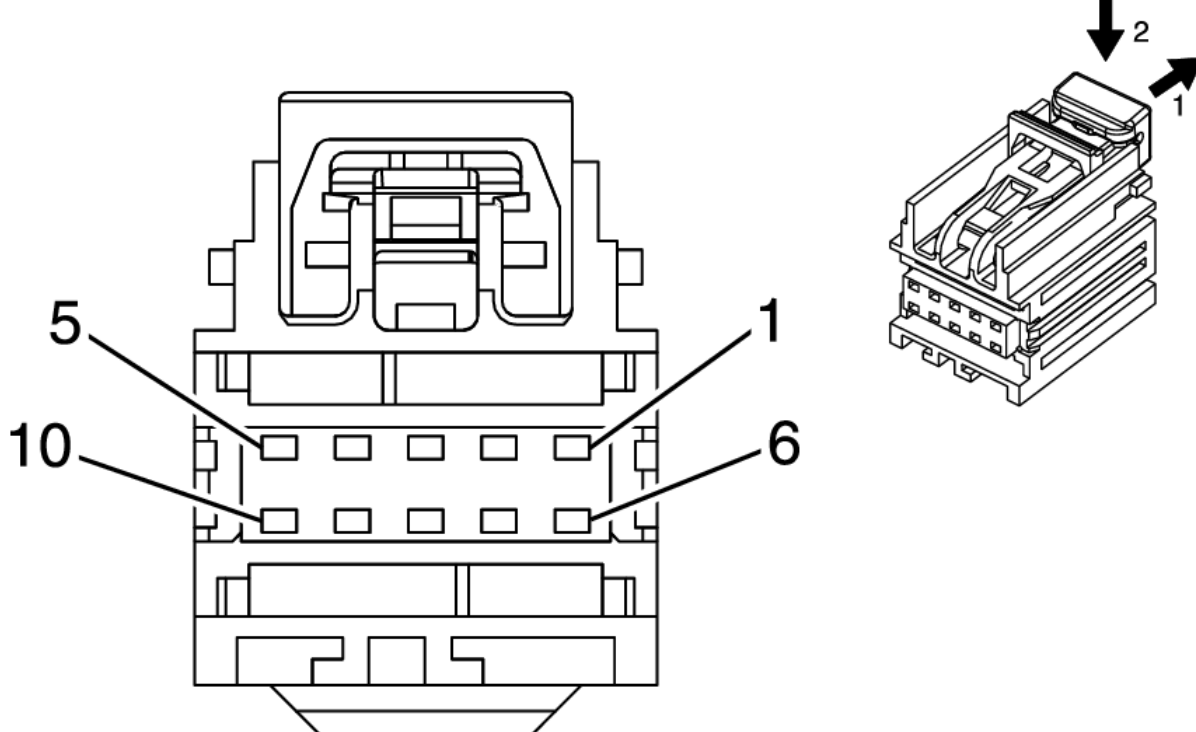
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	3940	Battery Positive Voltage	I	UG1
2	0.35	YE	6817	LED Backlight Dimming Control	I	UG1
3	-	-	-	Not Occupied	-	-
4	0.35	BK	1650	Ground	I	UG1

S26 HAZARD WARNING SWITCH (W49)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13508196
- Service Connector: 13508196
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

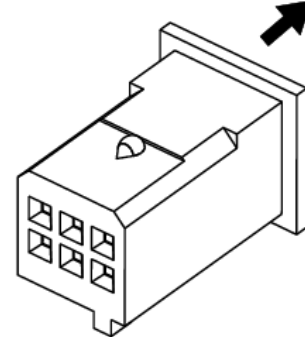
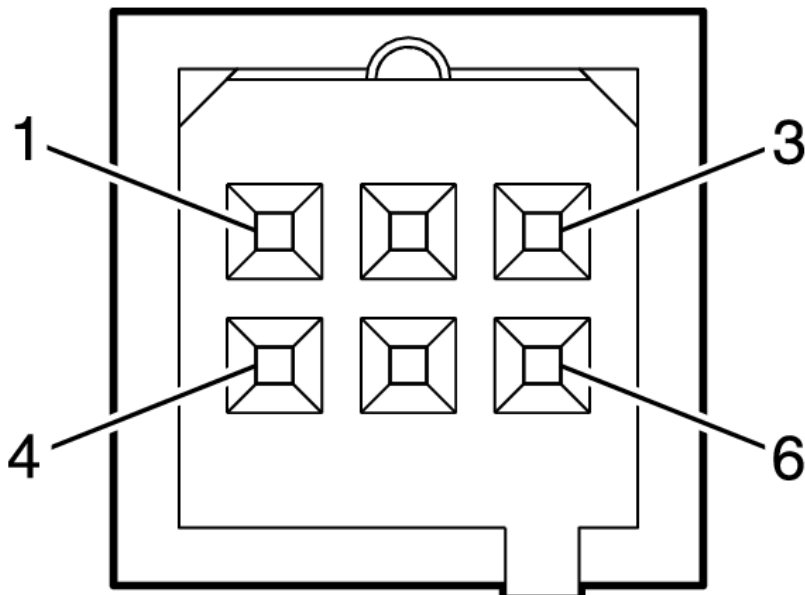
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	111	Hazard Switch Signal	I	W49
2	0.35	GY/WH	3153	Lane Departure Warning Disable Switch Signal	I	-
3	0.35	BK	1750	Ground	I	W49
4	-	-	-	Not Occupied	-	-
5	0.35	GN/BN	5852	Rear Park Assist LED Disable Signal	I	W49
6	0.35	WH	3152	Lane Departure Warning Indicator Control	I	-
7	0.35	YE	6817	LED Backlight Dimming Control	I	W49
8	0.35	WH	6816	Indicator Dimming Control	I	W49
9	-	-	-	Not Occupied	-	-
10	0.35	GY/GN	2555	Rear Park Assist Disable Signal	I	W49

S26 HAZARD WARNING SWITCH (X88)

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Connector Part Information

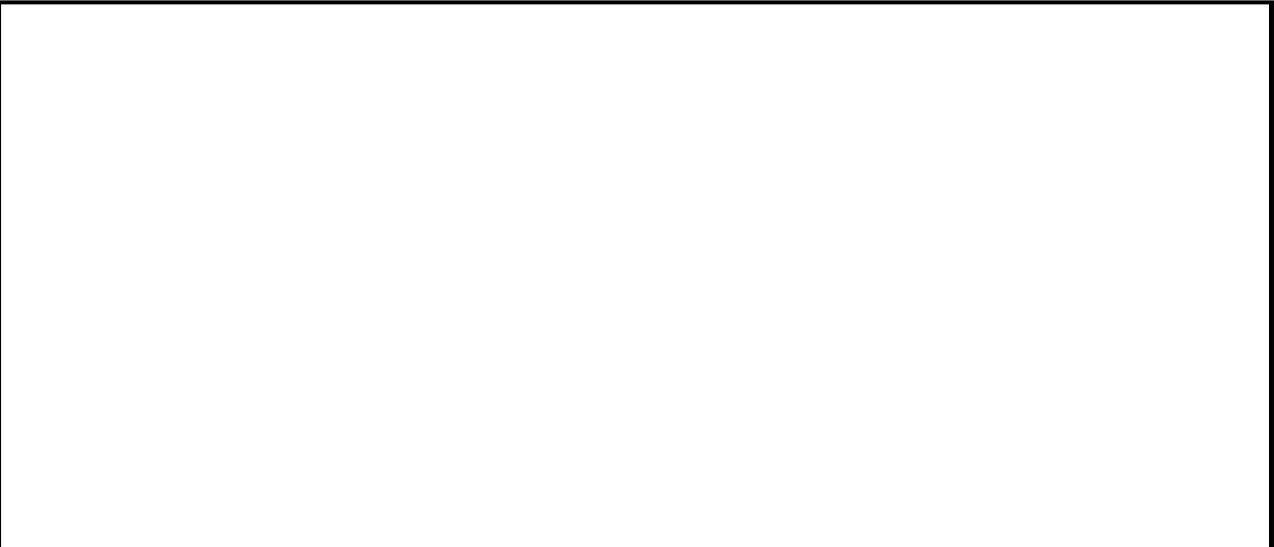
- Harness Type: Instrument Panel
- OEM Connector: 13225892
- Service Connector: 19329483
- Description: 6-Way F 0.64 Micro-Quadlock Series (NA)

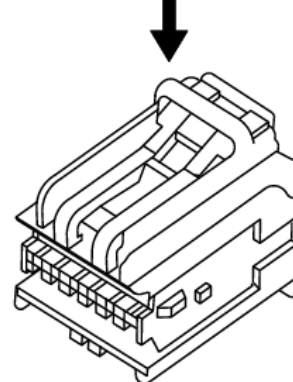
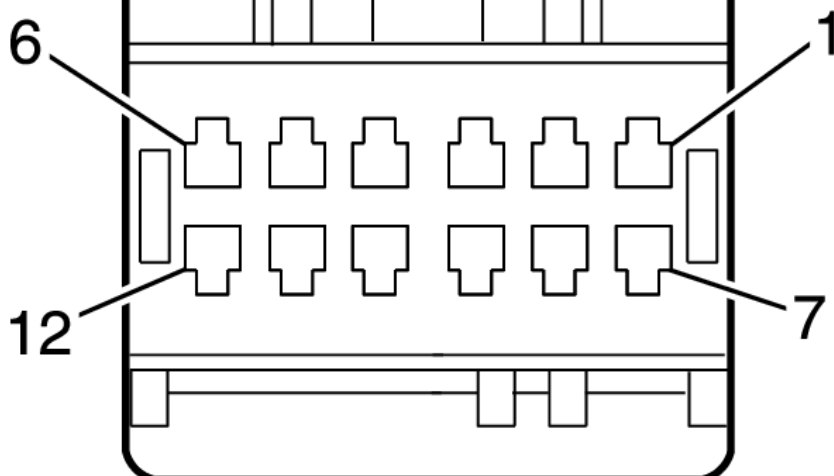
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	111	Hazard Switch Signal	I	X88
2	0.35	BK	1650	Ground	I	X88
3 - 5	-	-	-	Not Occupied	-	-
6	0.35	YE	6817	LED Backlight Dimming Control	I	X88

S30 HEADLAMP SWITCH





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 31410-0120
- Service Connector: 19354838
- Description: 12-Way F 0.64 Series, Sealed (BK)

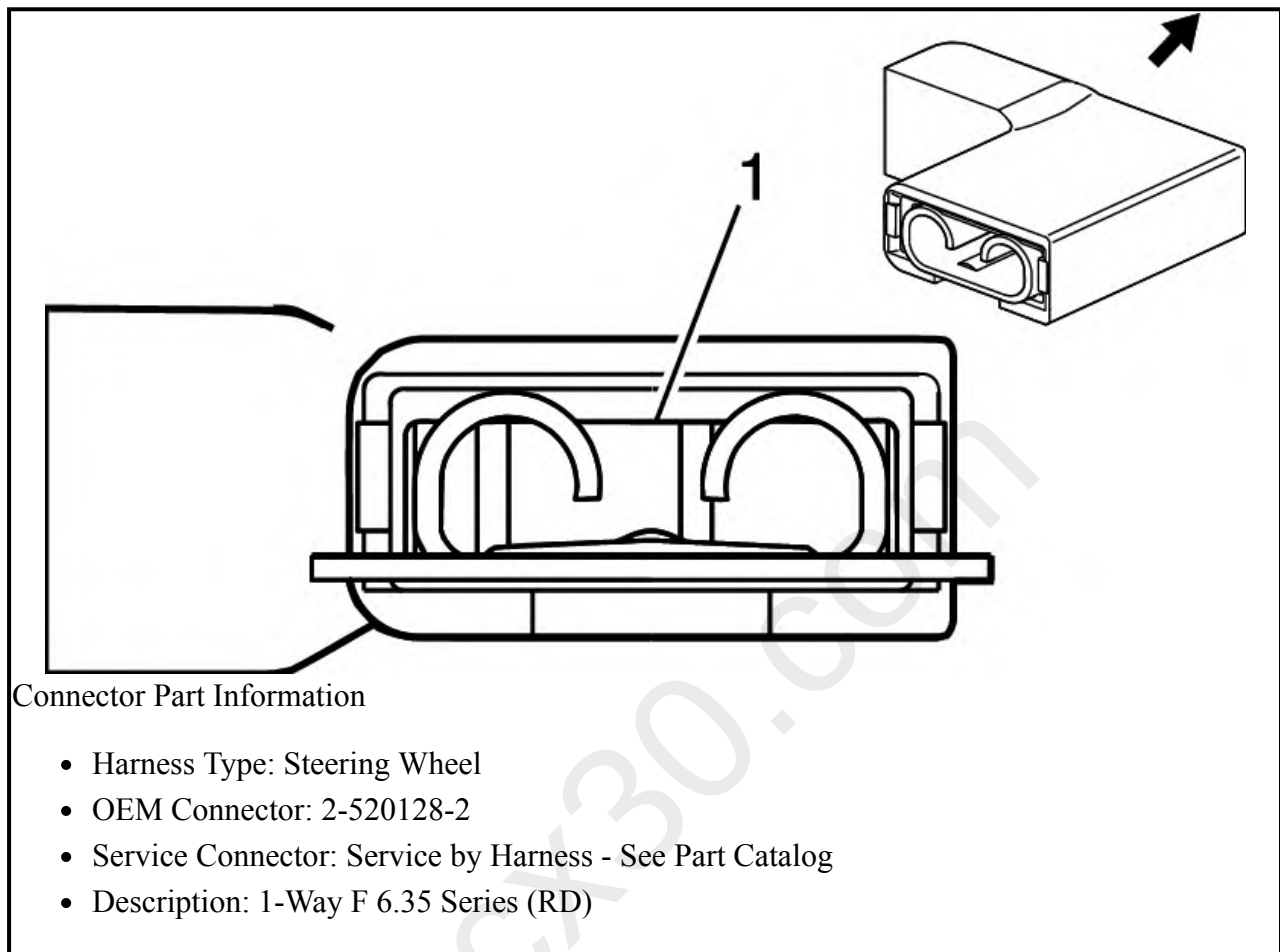
Terminal Part Information

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
II	13575867	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	WH/VT	103	Headlamp Switch On Signal	II	-
2	0.35	YE	6817	LED Backlight Dimming Control	II	-
3	0.35	GN/BN	306	Headlamp Switch Headlamps Off Signal Control	II	-
4	0.5	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
5	0.35	GN/GY	13	Headlamp Switch Park Lamp Signal	II	-
6	0.35	BU/GY	187	Rear Fog Lamp Switch Signal	II	T79
7	0.35	BK/YE	5005	Instrument Panel Lamp Dimmer Switch Low Reference	II	-
8	0.35	BK	1750	Ground	II	-
9	0.5	BN/YE	189	Headlamp Leveling Motor Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
10	0.35	BU/GY	192	Front Fog Lamp Switch Signal	II	T3U
11	0.35	YE/GY	44	Instrument Panel Lamp Dimmer Switch Signal	II	-
12	0.35	BU/RD	1688	5V Reference	II	-

S33 HORN SWITCH X1

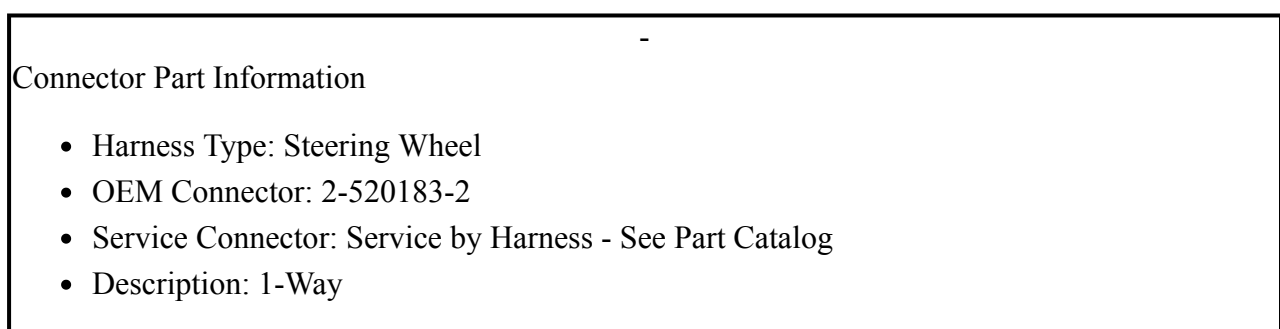


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	1050	Ground	I	-

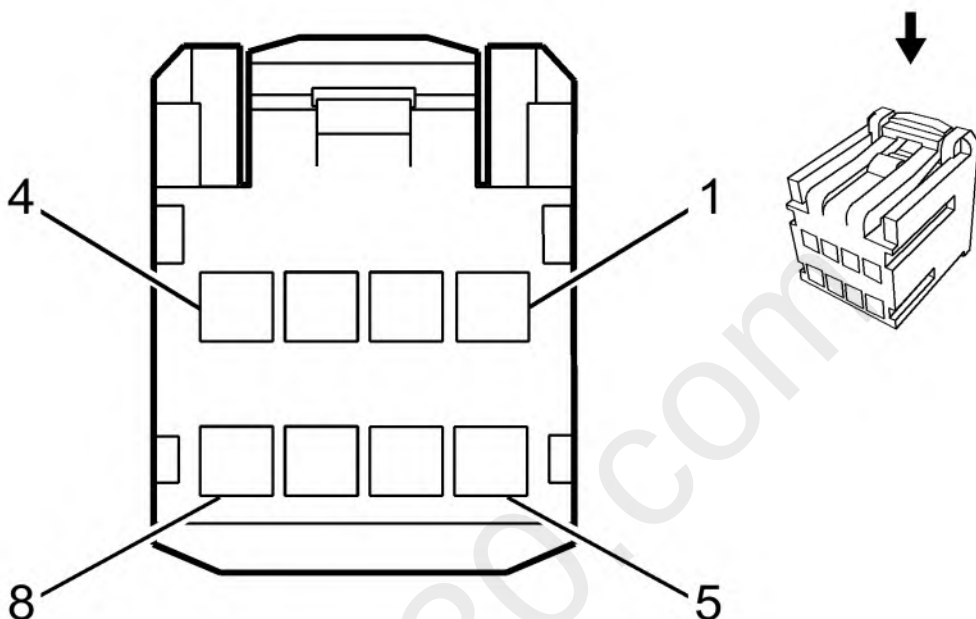
S33 HORN SWITCH X2



Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	3287	Horn Switch Signal	I	-

S38 IGNITION MODE SWITCH (W49)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 19153437
- Service Connector: 13576541
- Description: 8-Way F 1.2 HCM Series (BK)

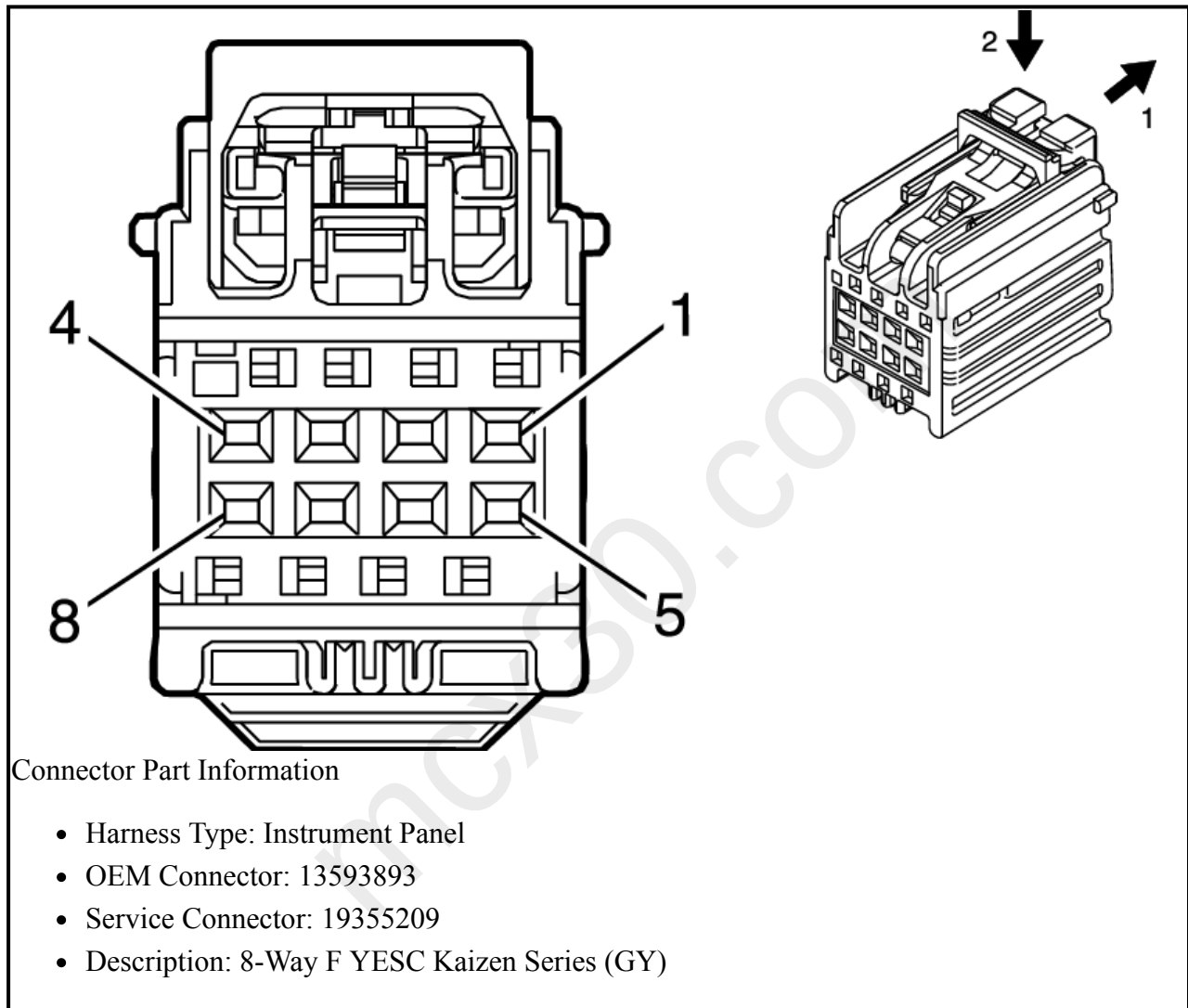
Terminal Part Information

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	BK/WH	1751	Signal Ground	I	W49
2	0.35	YE	6817	LED Backlight Dimming Control	I	W49
3	0.35	BU/GN	5723	Ignition Mode Switch Mode Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.35	BN/BK	5720	Ignition Mode Switch Accessory LED Signal	I	-
5	-	-	-	Not Occupied	-	-
6	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-
7	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
8	0.35	BU/BK	5719	Ignition Mode Switch Start LED Signal	I	-

S38 IGNITION MODE SWITCH (X88)



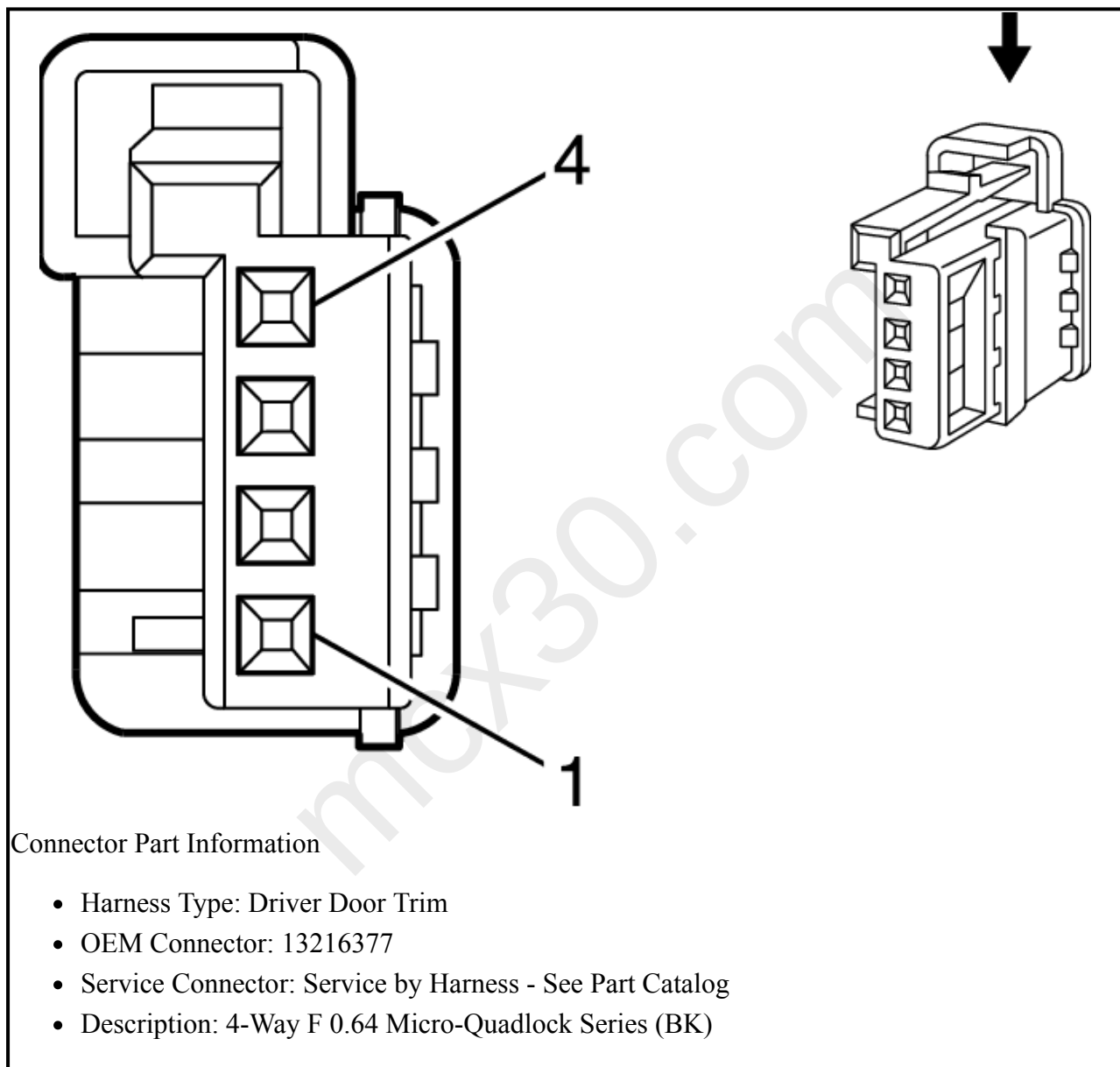
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	BN/BK	5720	Ignition Mode Switch Accessory LED Signal	I	X88
3	0.35	GN/BK	3558	Passive Start Switch Signal 2	I	-
4	0.35	BK/WH	1751	Signal Ground	I	X88

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
5	0.35	BU/BK	5719	Ignition Mode Switch Start LED Signal	I	X88
6	0.35	BU/GN	5723	Ignition Mode Switch Mode Voltage	I	X88
7	0.35	BK/GY	3559	Passive Start Switch 2 Low Reference	I	-
8	0.35	YE	6817	LED Backlight Dimming Control	I	X88

S45B LIFTGATE CONTROL SWITCH - INTERIOR



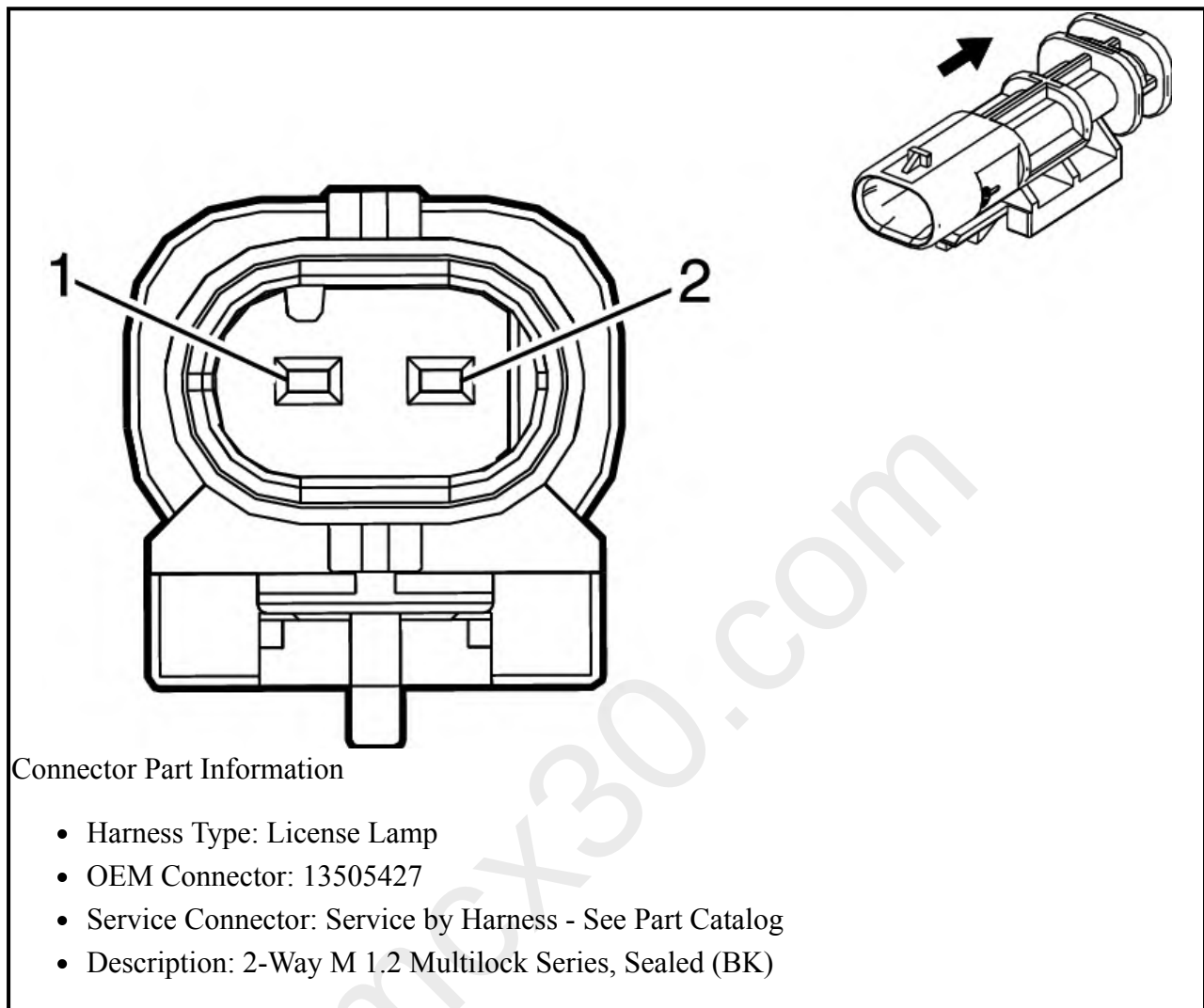
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK	750	Ground	I	TB5/TC2
2	0.35	YE	6817	LED Backlight Dimming Control	I	TB5/TC2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	0.35	GN	6112	Power Lift Gate On/Off Switch Signal	I	TB5/TC2
4	0.35	GY/BK	6113	Rear Lift Gate Open/Close Switch Signal	I	TB5/TC2

S46B LIFTGATE UNLATCH SWITCH (W49)



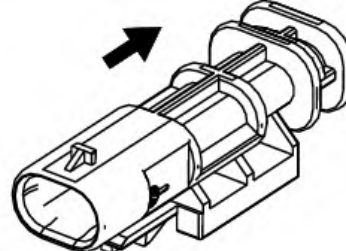
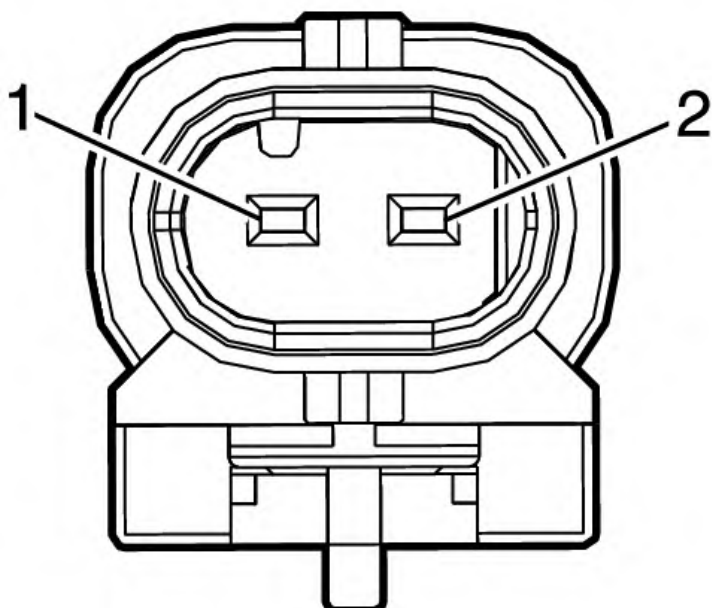
Terminal Part Information

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	YE/BU	5797	Rear Closure Handle Switch Open Signal	I	-
2	0.35	BK/VT	5801	Lift Gate Object Sensor Low Reference	I	-

S46B LIFTGATE UNLATCH SWITCH (X88)





Connector Part Information

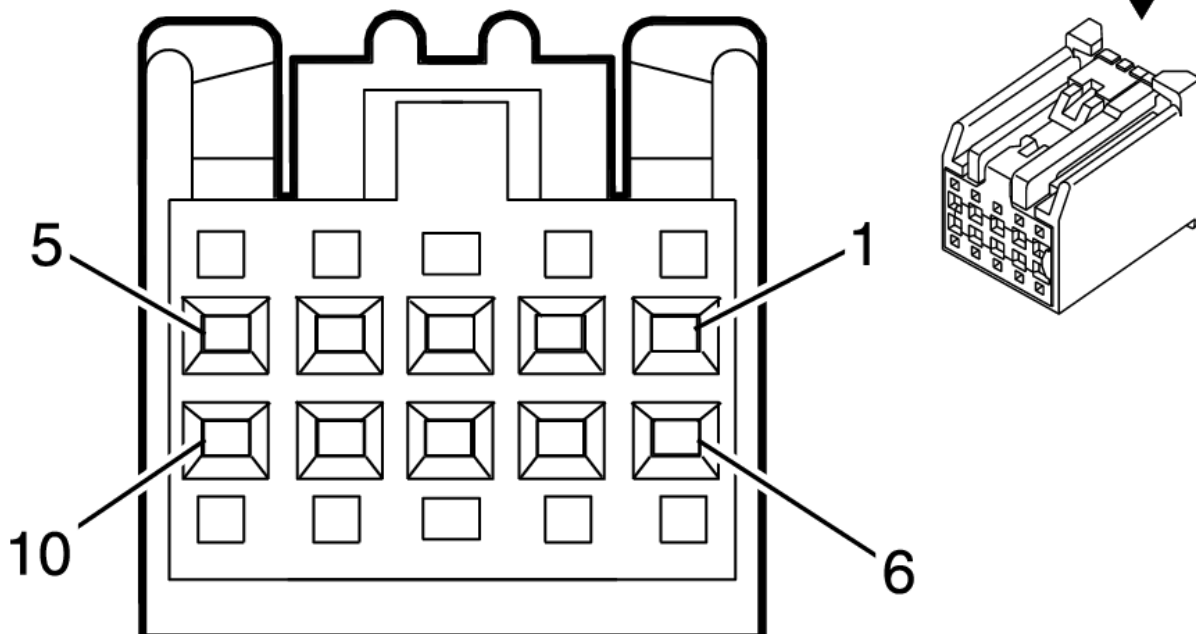
- Harness Type: Liftgate
- OEM Connector: 13505427
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way M 1.2 Multilock Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-13 (BU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	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	YE/BU	5797	Rear Closure Handle	II	-TB5/TC2 TB5/TC2 -TB5/TC2 X88+TB5/TC2
	0.5	YE/BU	5797	Switch Open Signal		
	0.35	YE/BU	5797	Rear Closure Handle		
	0.5	YE/BU	5797	Switch Open Signal		
2	0.35	BK	1350	Ground	II	-TB5/TC2 TB5/TC2 -TB5/TC2 X88+TB5/TC2
	0.5	BK/VT	5801	Lift Gate Object Sensor		
	0.35	BK	1350	Low Reference		
	0.5	BK/VT	5801	Ground		
				Lift Gate Object Sensor	I	
				Low Reference	II	

S47D SEAT MEMORY SWITCH - DRIVER (AAB)



Connector Part Information

- Harness Type: Driver Door Trim
- OEM Connector: 13577390
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Kaizen Series (BK)

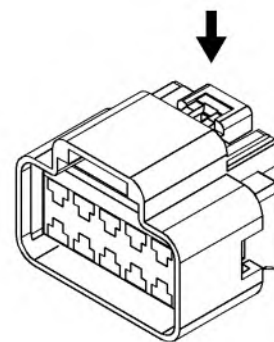
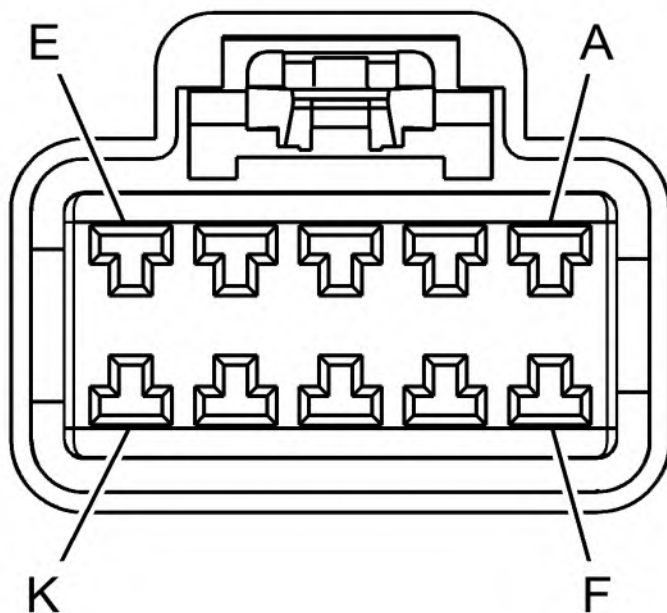
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/BU	5978	Memory Switch Low Reference	I	-
2	0.35	YE	6817	LED Backlight Dimming Control	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.35	BU/GN	614	Memory Seat Switch Set Signal	I	-
6	0.35	WH	615	Memory Seat Switch Signal 1	I	-
7 - 10	-	-	-	Not Occupied	-	-

S64D SEAT ADJUSTER SWITCH - DRIVER

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Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 19177591
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 280 GT Series (BK)

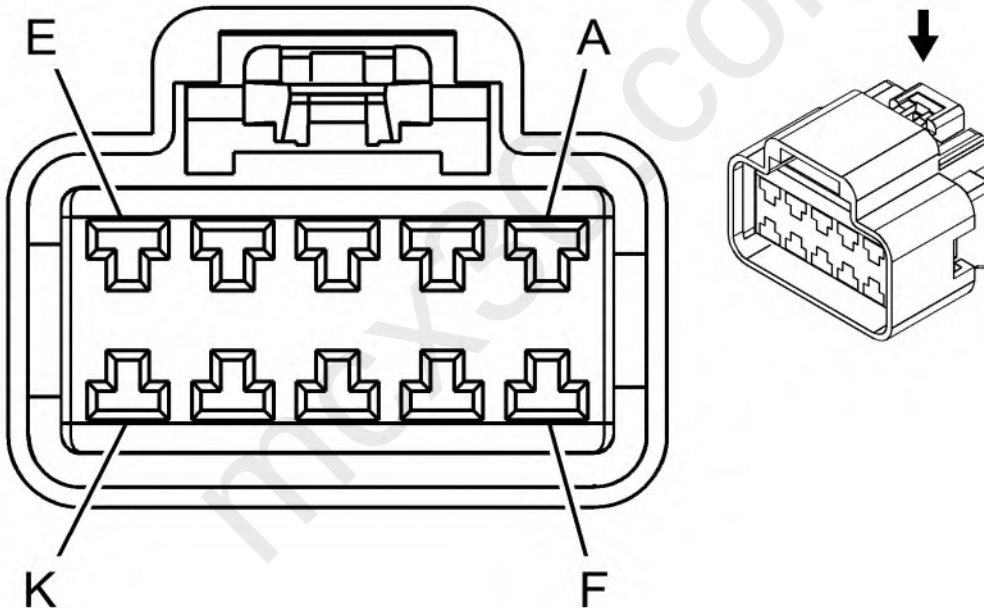
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35 2	GN/BN GN/BN	1518 286	Power Seat Front Vertical Up Switch Signal Driver Power Seat Front Vertical Motor Up Control	I I	AHT+AAB/A45 AHT-A45-AAB
B	2	BK	750	Ground	I	AHT-A45-AAB
C	0.35 2	GY/GN GY/GN	1523 284	Power Seat Horizontal Rearward Switch Signal Driver Power Seat Horizontal Motor Rearward Control	I I	AHT+AAB/A45 AHT-A45-AAB
D	0.35 2	YE/BN YE/BU	1522 285	Power Seat Horizontal Forward Switch Signal Driver Power Seat Horizontal Motor Forward Control	I I	AHT+AAB/A45 AHT-A45-AAB
E	0.75 2	BK RD/YE	750 5040	Ground Battery Positive Voltage	I I	AHT+AAB/A45 AHT-A45-AAB
F	0.35 2	YE YE	1519 282	Power Seat Rear Vertical Up Switch Signal Driver Power Seat Rear Vertical Motor Up Control	I I	AHT+AAB/A45 AHT-A45-AAB

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
G	0.35 2	GN/GY BU/YE	1270 277	Power Seat Recline Rearward Switch Signal Driver Power Seat Recline Motor Rearward Control	I I	AHT+AAB/A45 AHT-A45-AAB
H	0.35 2	GY/BK GN/YE	1269 276	Power Seat Recline Forward Switch Signal Driver Power Seat Recline Motor Forward Control	I I	AHT+AAB/A45 AHT-A45-AAB
J	0.35 2	YE/BU GY/BU	1521 283	Power Seat Rear Vertical Down Switch Signal Driver Power Seat Rear Vertical Motor Down Control	I I	AHT+AAB/A45 AHT-A45-AAB
K	0.35 2	BU/VT BU/VT	1520 287	Power Seat Front Vertical Down Switch Signal Driver Power Seat Front Vertical Motor Down Control	I I	AHT+AAB/A45 AHT-A45-AAB

S64P SEAT ADJUSTER SWITCH - PASSENGER



Connector Part Information

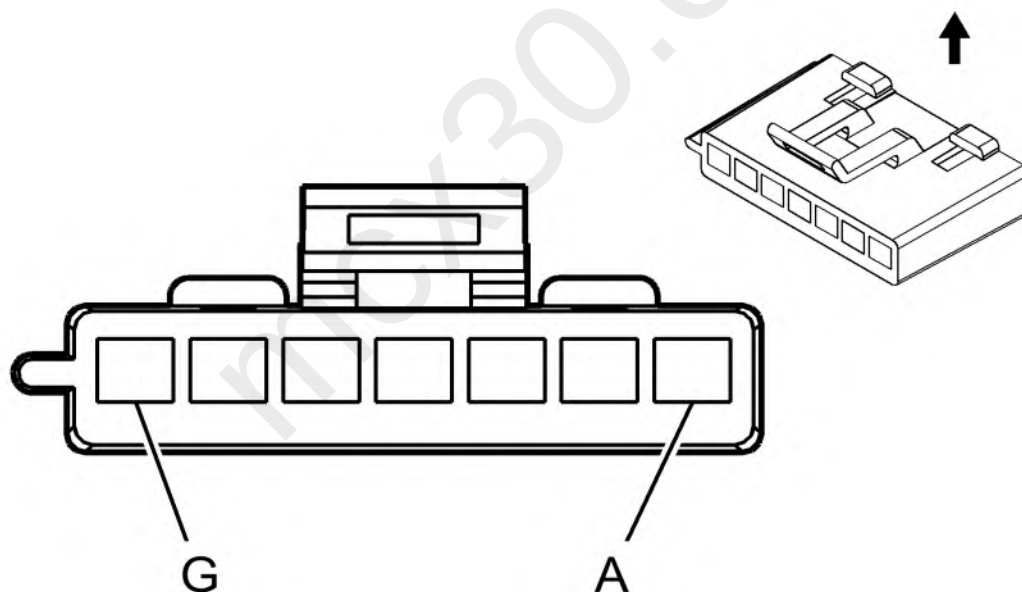
- Harness Type: Passenger Seat
- OEM Connector: 19177591
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 280 GT Series (BK)

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	2	BU/WH	289	Passenger Power Seat Rear Vertical Motor Down Control	I	-
B	2.5	BK	650	Ground	I	AQ5
C	2	YE/BU	290	Passenger Power Seat Horizontal Motor Rearward Control	I	-
D	2	YE/WH	296	Passenger Power Seat Horizontal Motor Forward Control	I	-
E	2	RD/BN	1440	Battery Positive Voltage	I	-
F	-	-	-	Not Occupied	-	-
G	2	BU/BN	77	Passenger Power Seat Recline Motor Rearward Control	I	-
H	2	GN	76	Passenger Power Seat Recline Motor Forward Control	I	-
J	-	-	-	Not Occupied	-	-
K	2	GN/WH	288	Passenger Power Seat Rear Vertical Motor Up Control	I	-

S65D SEAT LUMBAR SUPPORT SWITCH - DRIVER



Connector Part Information

- Harness Type: Driver Seat
- OEM Connector: 12052854
- Service Connector: Service by Harness - See Part Catalog
- Description: 7-Way F 280 Metri-Pack Series (BK)

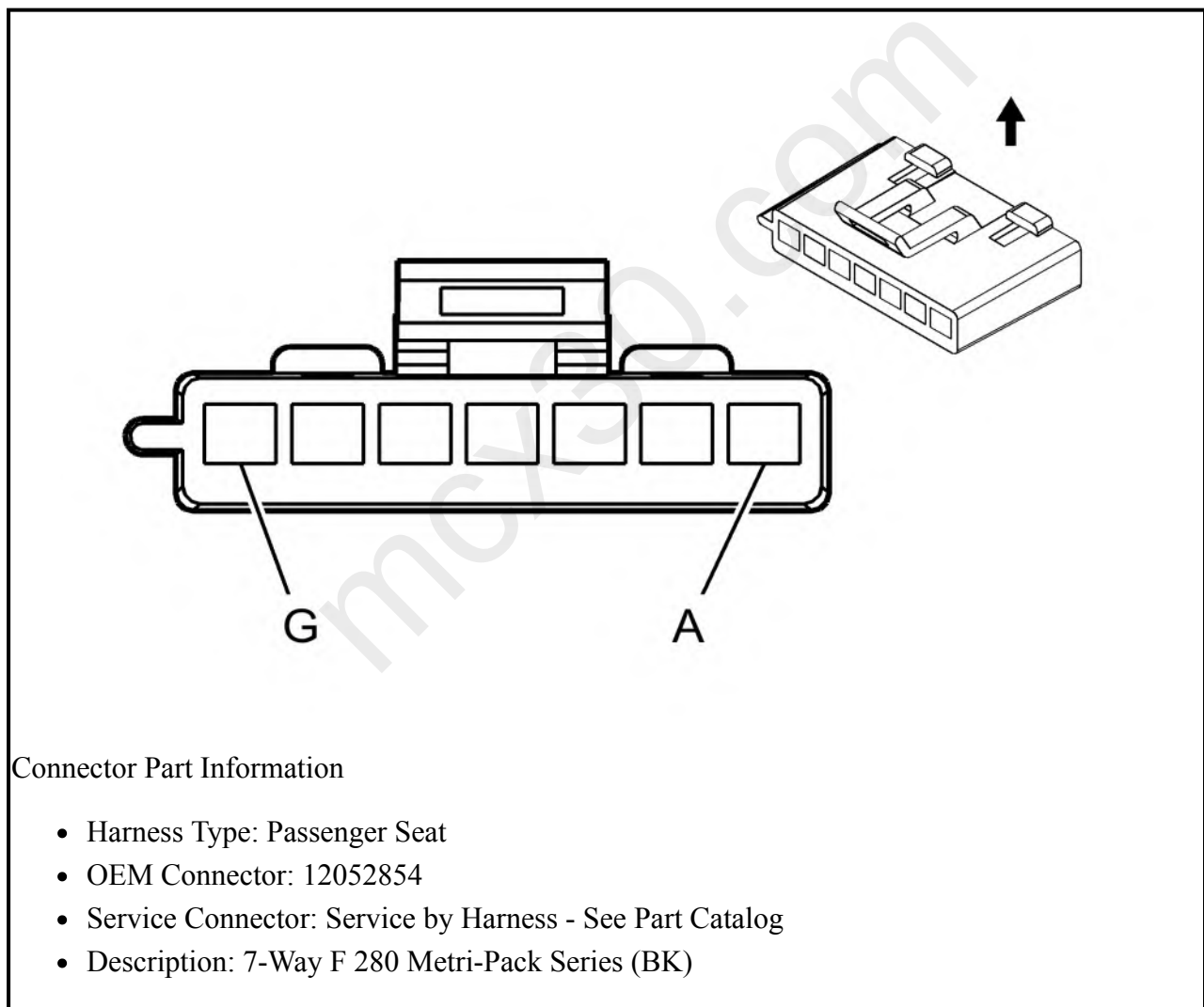
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	-	-	Not Occupied	-	-
B	0.75	VT	610	Driver Power Seat Lumbar Motor Rearward Control	I	-
C	0.75	BU	611	Driver Power Seat Lumbar Motor Forward Control	I	-
D	-	-	-	Not Occupied	-	-
E	0.75	BK	750	Ground	I	AHT
F	-	-	-	Not Occupied	-	-
G	0.75	RD/YE	5040	Battery Positive Voltage	I	-

S65P SEAT LUMBAR SUPPORT SWITCH - PASSENGER



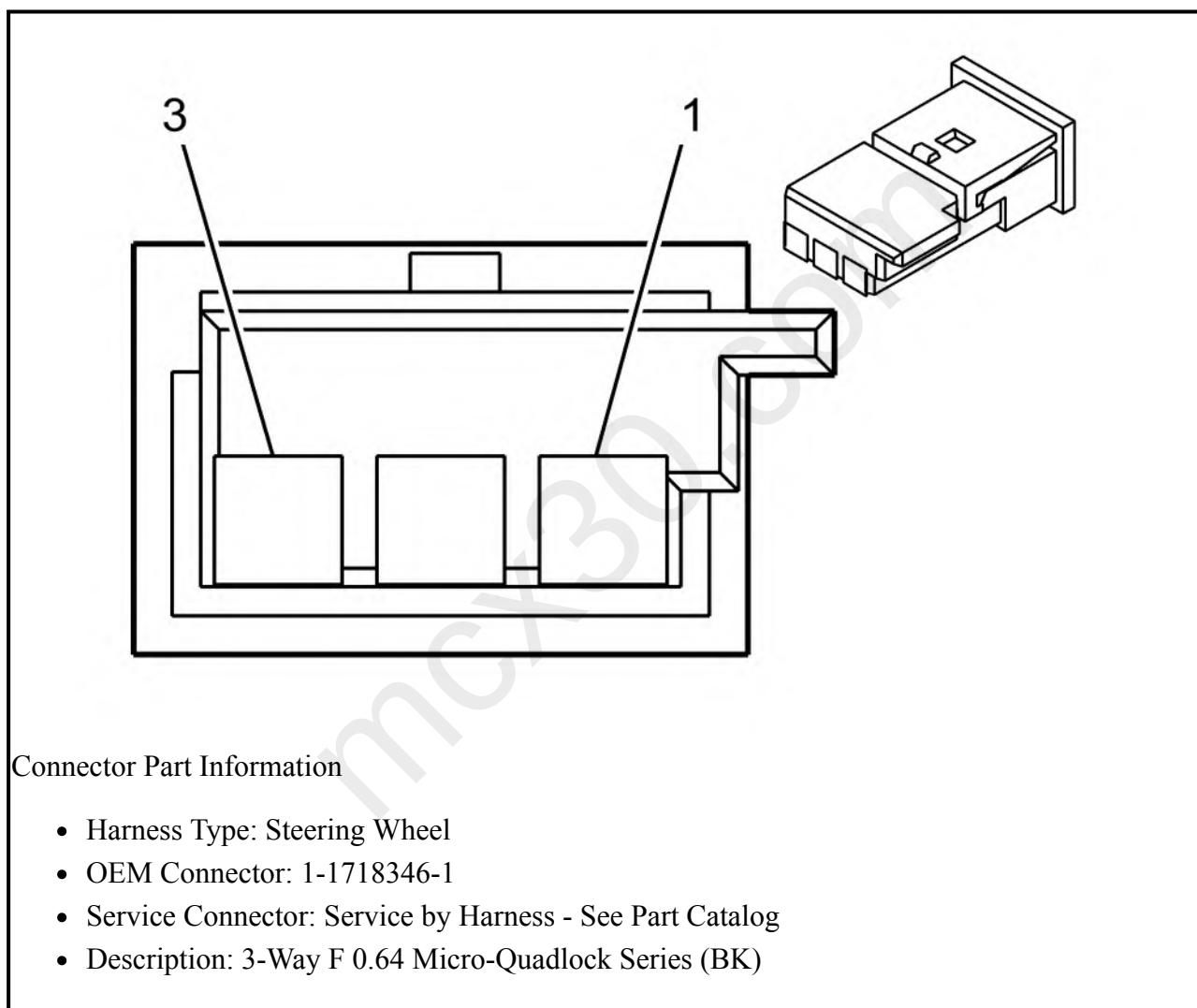
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	-	-	Not Occupied	-	-
B	0.75	VT	210	Passenger Power Seat Lumbar Motor Rearward Control	I	-
C	0.75	BU	211	Passenger Power Seat Lumbar Motor Forward Control	I	-
D	-	-	-	Not Occupied	-	-
E	0.75	BK	750	Ground	I	AQ5
F	-	-	-	Not Occupied	-	-
G	0.75	RD/BN	1440	Battery Positive Voltage	I	-

S70E STEERING WHEEL CONTROLS SWITCH - RADIO PRESETS

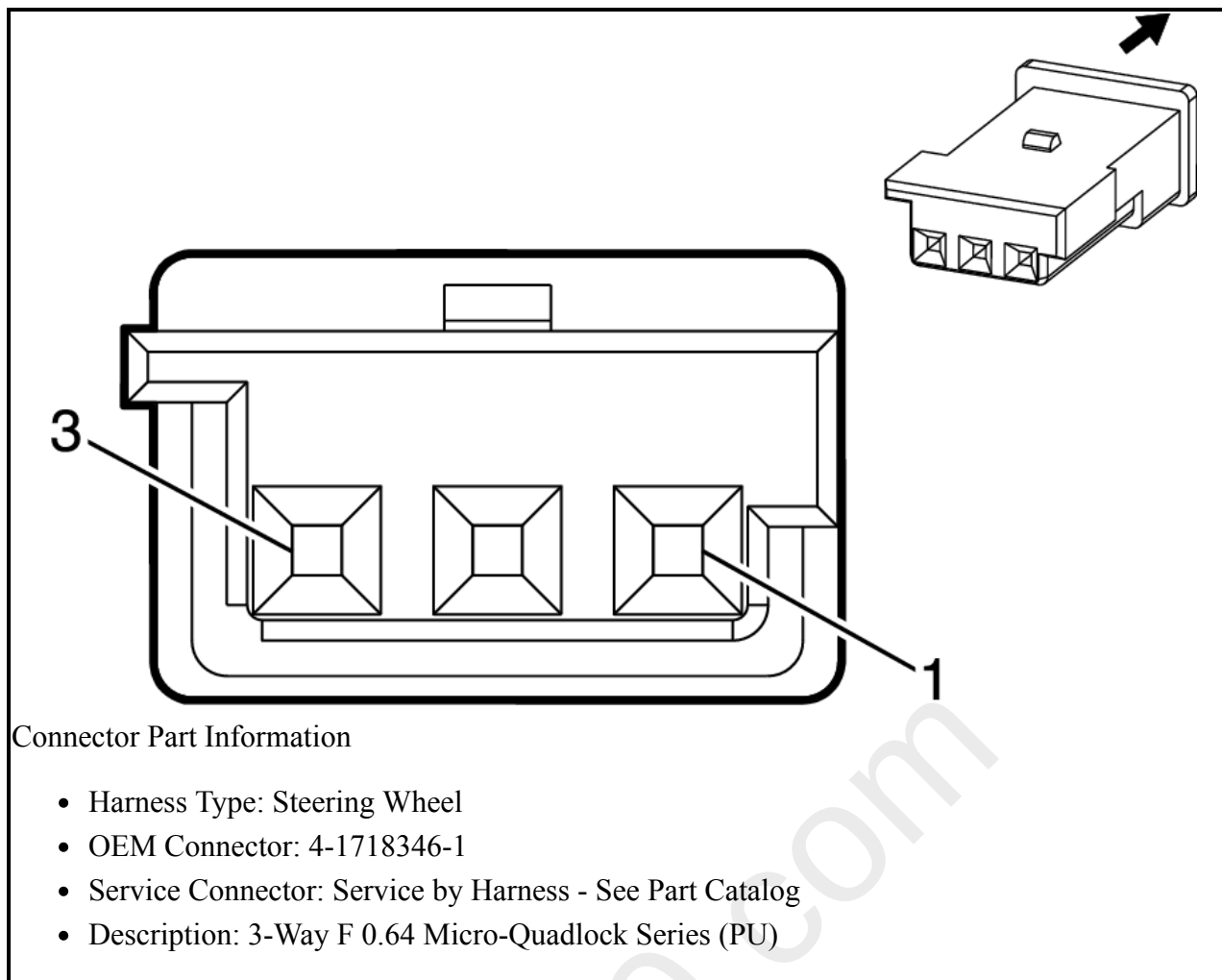


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH/YE	4313	Radio Favorite Forward Signal	I	-
2	0.35	YE/BU	4312	Radio Favorite Back Signal	I	-
3	0.35	BK	1050	Ground	I	-

S70F STEERING WHEEL CONTROLS SWITCH - RADIO VOLUME



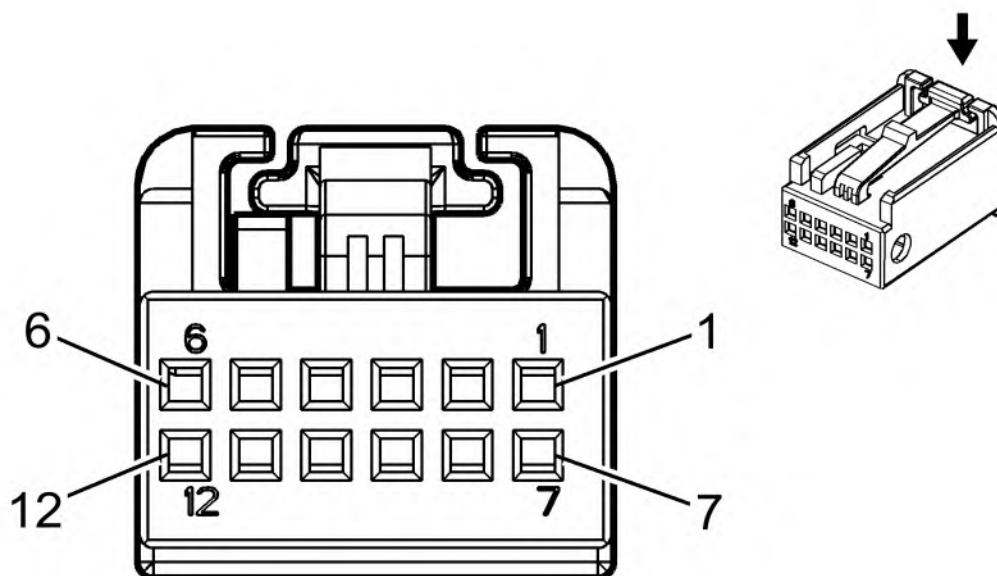
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU	4315	Radio Volume Up Signal	I	-
2	0.35	GY/BN	4314	Radio Volume Down Signal	I	-
3	0.35	BK	1050	Ground	I	-

S70L STEERING WHEEL CONTROLS SWITCH - LEFT (W49)





Connector Part Information

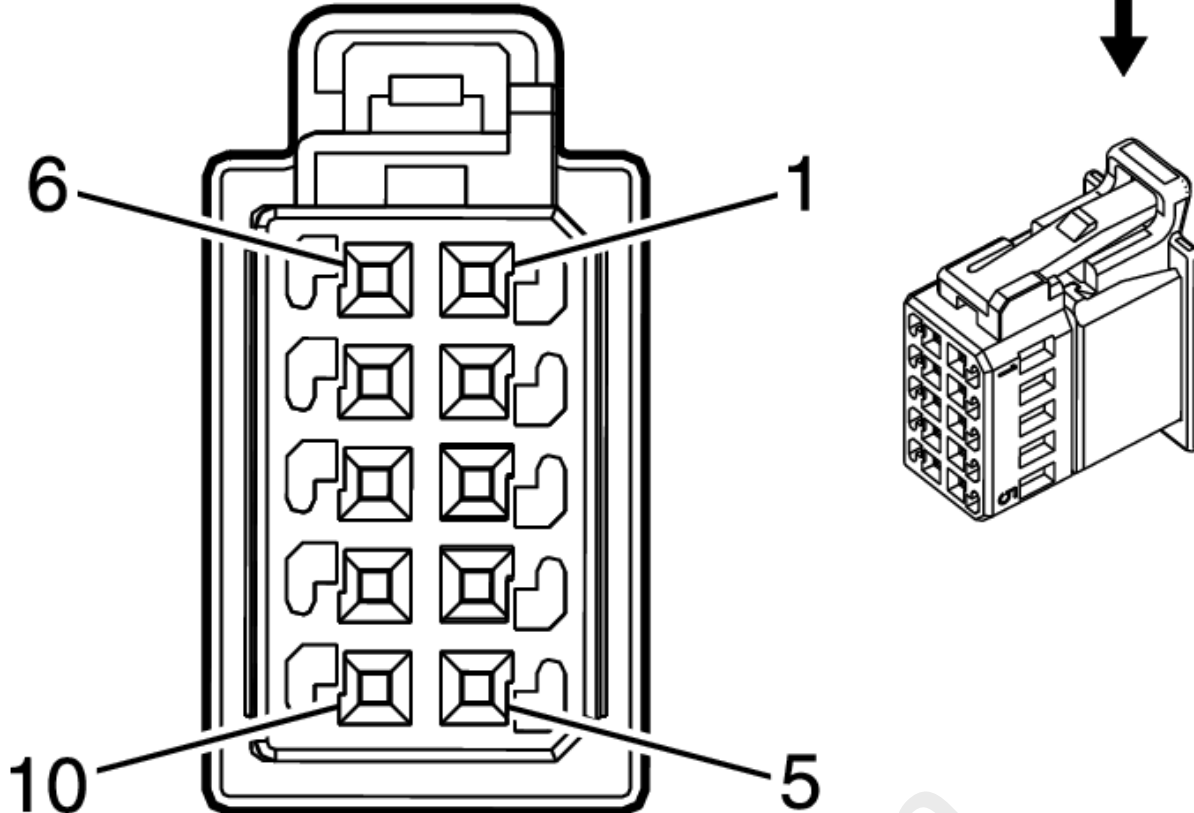
- Harness Type: Steering Wheel
- OEM Connector: 1-135524-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 0.64 GET Series (BK with BK Case)

Terminal 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	WH	9500	Voice Recognition Switch Output Signal	I	-
2	0.5	D-GN	3893	LED Backlight Dimming Control 2	I	-
3	0.5	BN	9501	Mobile Phone Switched Power Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	GY/GN	3892	Indicator Dimming Control 2	I	UVD
6	0.5	BK	1550	Ground	I	-
7	0.5	RD	5440	Battery Positive Voltage	I	-
8	0.5	BN	1444	12V Reference	I	-
9	0.5	D-GN	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	I	-
10	0.5	YE	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	I	-
11	0.5	VT/BU	5883	Heated Steering Wheel Switch Signal	I	UVD
12	0.5	GY/GN	5884	Heated Steering Wheel Switch LED Control	I	UVD

S70L STEERING WHEEL CONTROLS SWITCH - LEFT (X88)



Connector Part Information

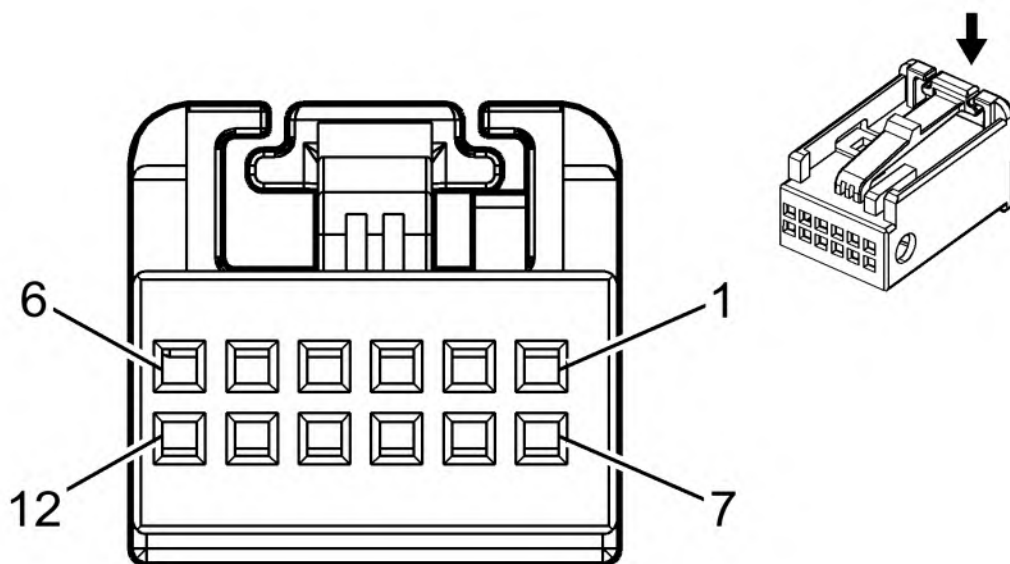
- Harness Type: Steering Wheel
- OEM Connector: 1488973-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Required	Not Required	Not Required	Not Required
II	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	BK	1650	Ground	II	-
2	0.35	BK	1050	Ground	I	-
3	0.35	GY/OG	5737	Adaptive Cruise Control Gap Up/Down Switch Signal	II	-
4	0.35	BN/YE	1884	Cruise Control Set/Coast/Resume/Accelerate Switch Signal	II	-
5	0.35	YE/GY	5883	Heated Steering Wheel Switch Signal	II	UVD
6	0.35	YE	6817	LED Backlight Dimming Control	II	-
7	0.35	YE/BK	6816	Indicator Dimming Control	II	UVD
8	0.35	BN/WH	5884	Heated Steering Wheel Switch LED Control	II	UVD
9	0.35	YE	7556	Lighting Control Switch Reference	II	-
10	0.35	RD/YE	5440	Battery Positive Voltage	II	-

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT (W49)



Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 2-135524-3
- Service Connector: Service by Harness - See Part Catalog
- Description: 12-Way F 0.64 GET Series (BK with NA Case)

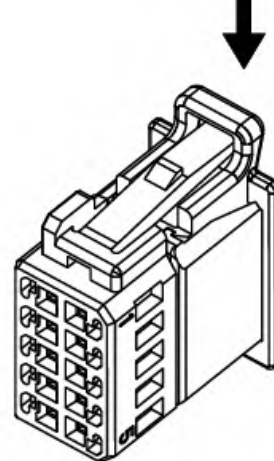
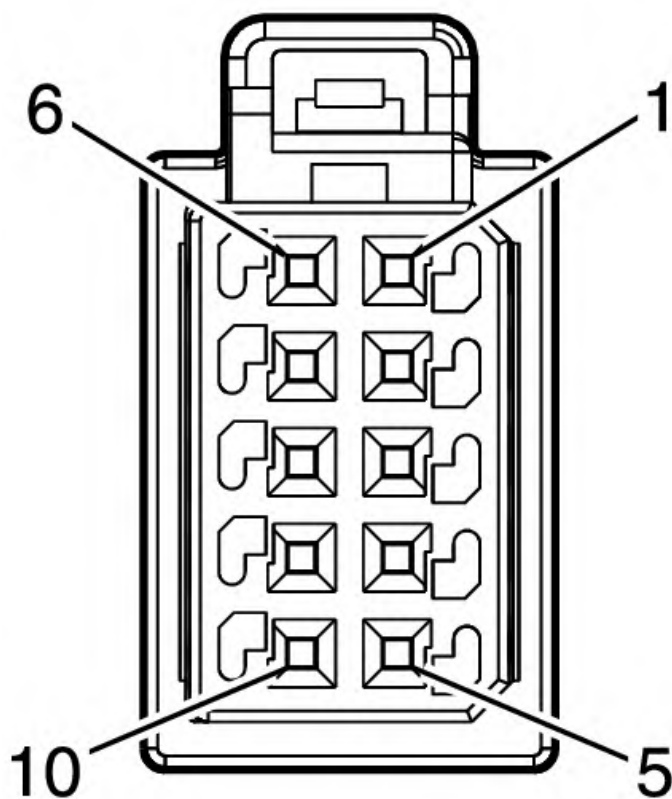
Terminal Part Information

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	WH	9500	Voice Recognition Switch Output Signal	I	-
2	0.5	D-GN	3893	LED Backlight Dimming Control 2	I	-
3	0.5	BN	9501	Mobile Phone Switched Power Control	I	-
4	-	-	-	Not Occupied	-	-
5	0.5	D-BU	3894	Local Interconnect Network Serial Data Bus 12	I	-
6	0.5	BK	1550	Ground	I	-
7	0.5	RD	5440	Battery Positive Voltage	I	-
8	0.5	GY/GN	3892	Indicator Dimming Control 2	I	UVD
9 - 12	-	-	-	Not Occupied	-	-

S70R STEERING WHEEL CONTROLS SWITCH - RIGHT (X88)





Connector Part Information

- Harness Type: Steering Wheel
- OEM Connector: 1488973-2
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 Micro-Quadlock Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	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	6817	LED Backlight Dimming Control	I	-
2	0.35	WH	6816	Indicator Dimming Control	I	-
3	0.35	BK	3894	Local Interconnect Network Serial Data Bus 12	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	RD/YE	5440	Battery Positive Voltage	I	-
6	0.35	BK	1050	Ground	I	-
7	0.35	BU	4315	Radio Volume Up Signal	I	-
8	0.35	GN/BN	4314	Radio Volume Down Signal	I	-
9	0.35	WH/YE	4313	Radio Favorite Forward Signal	I	-
10	0.35	YE/BU	4312	Radio Favorite Back Signal	I	-

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