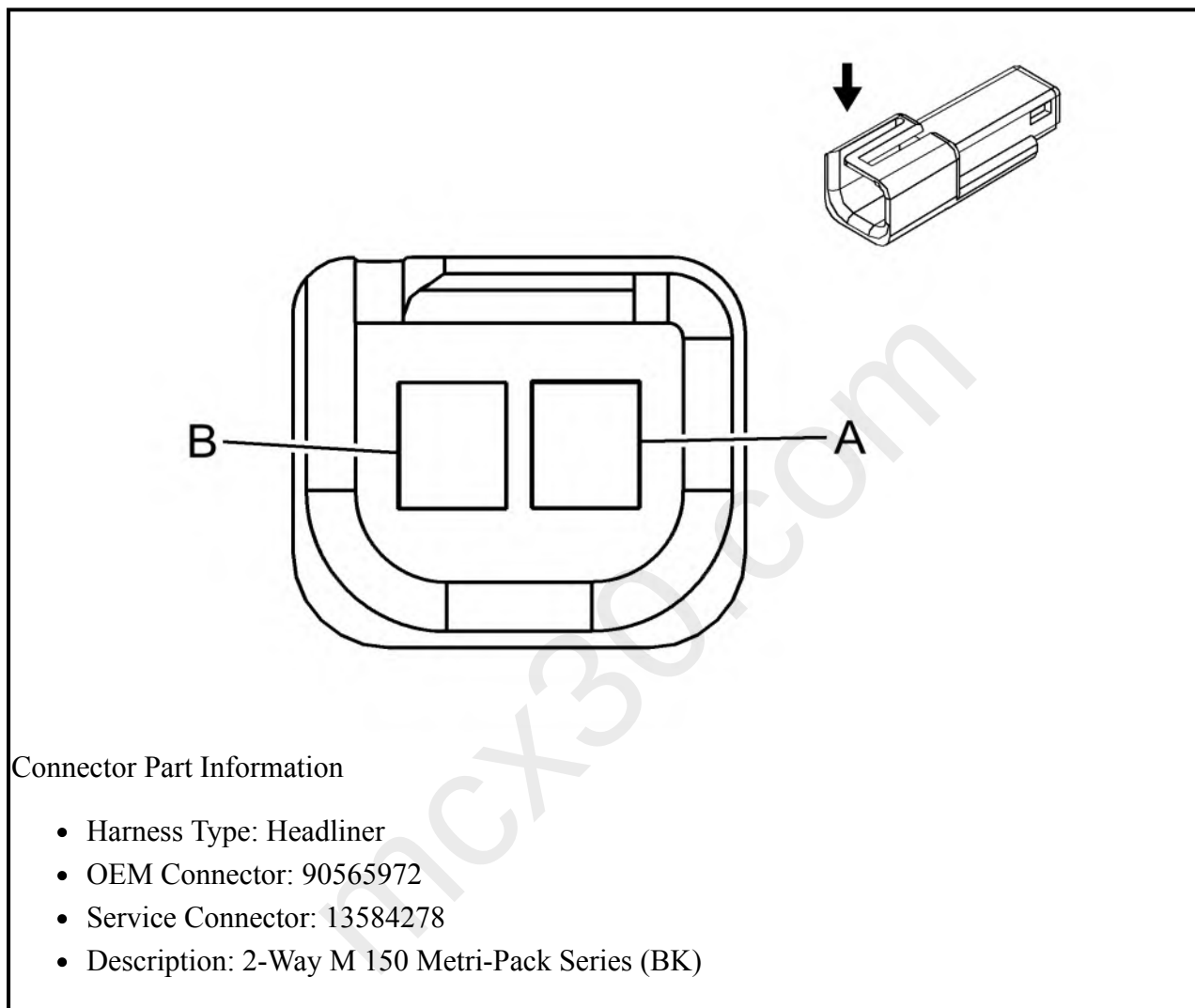
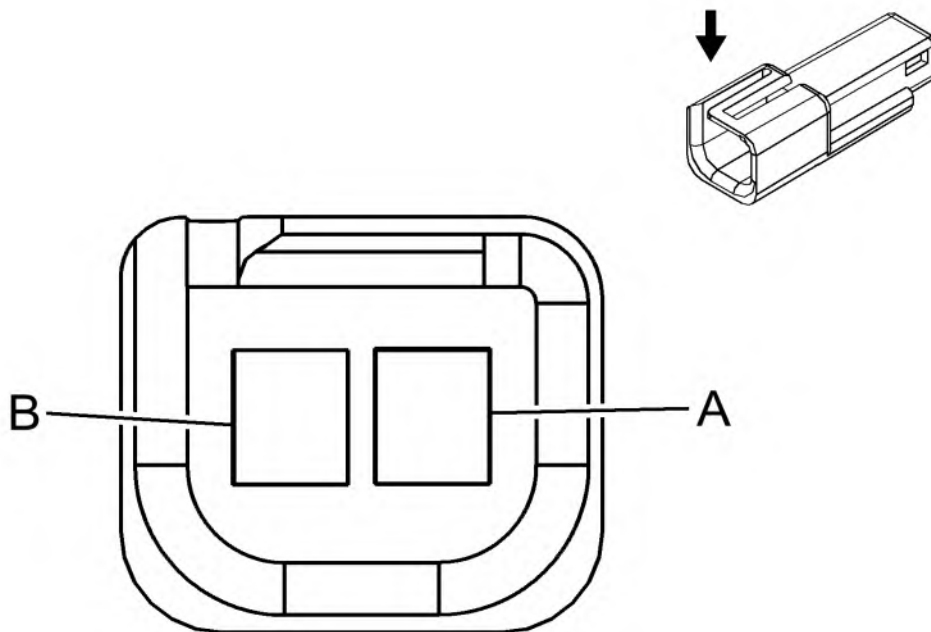


2018 ELECTRICAL**Wiring Systems And Power Management - Component Locator - Component Connector
End Views (A3L - B23E) - Equinox & Terrain****COMPONENT CONNECTOR END VIEWS****A3L SUNSHADE - LEFT****Terminal Part Information**

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	WH/BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	2050	Ground	I	-

A3R SUNSHADE - RIGHT



Connector Part Information

- Harness Type: Headliner
- OEM Connector: 90565972
- Service Connector: 13584278
- Description: 2-Way M 150 Metri-Pack Series (BK)

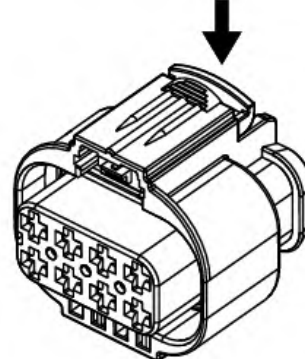
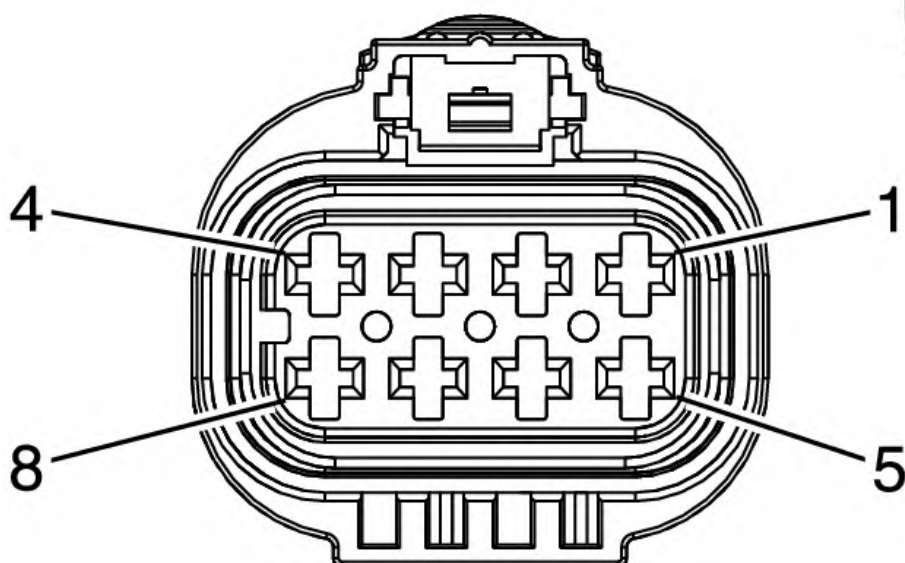
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-3 (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	WH/BN	6815	Inadvertent Power Control	I	-
B	0.35	BK	2050	Ground	I	-

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY (LH7+F48)





Connector Part Information

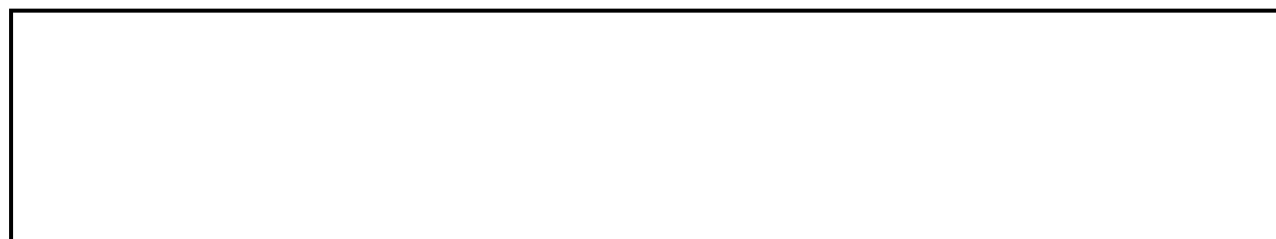
- Harness Type: Fuel Tank
- OEM Connector: 13588284
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series, Sealed (L-GY)

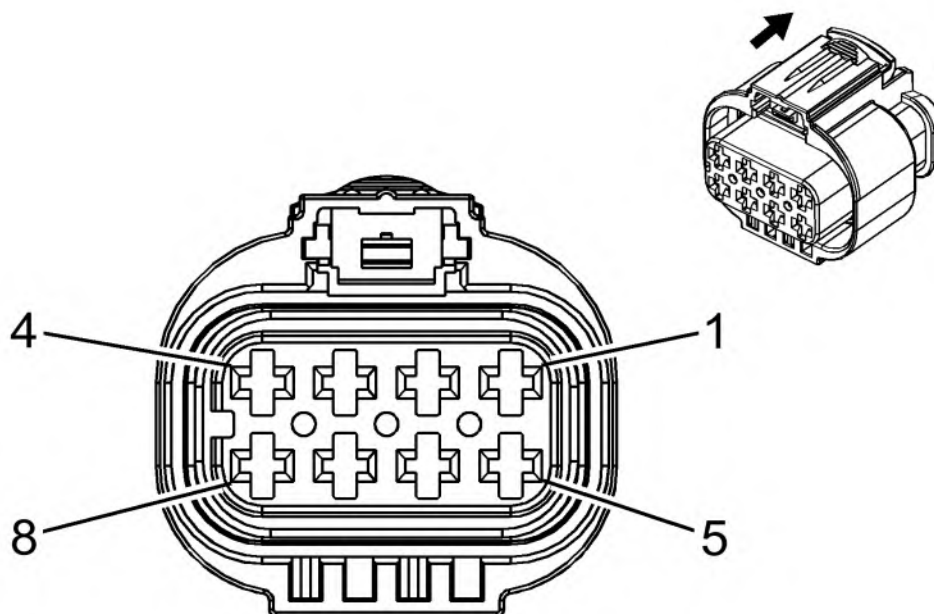
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	GY	120	Fuel Pump Control	I	-
2	2.5	YE/GY	4137	Fuel Pump Supply Voltage Phase 2	I	-
3	2.5	WH/BN	4138	Fuel Pump Supply Voltage Phase 3	I	-
4	0.5	BU	7443	Fuel System Control Module Shield Ground Extension	I	-
5	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
6	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
7 - 8	-	-	-	Not Occupied	-	-

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY (LH7+F48)





Connector Part Information

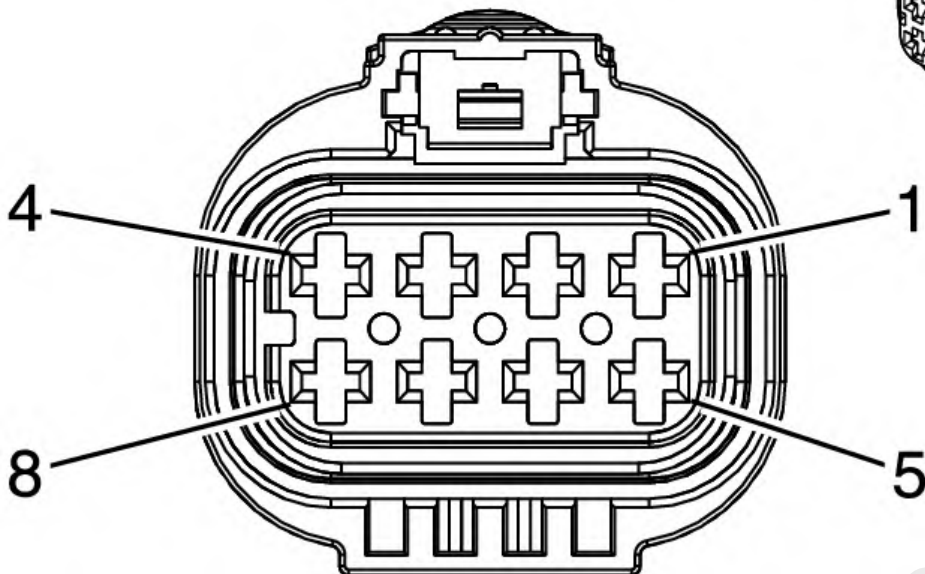
- Harness Type: Fuel Tank
- OEM Connector: 13586306
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series, Sealed (L-BU)

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-35616-4A (PU)	No Tool Required	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	2.5	GY	120	Fuel Pump Control	I	-
2	2.5	YE/GY	4137	Fuel Pump Supply Voltage Phase 2	I	-
3	2.5	WH/BN	4138	Fuel Pump Supply Voltage Phase 3	I	-
4	0.5	BU	7443	Fuel System Control Module Shield Ground Extension	I	-
5	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
6	0.5	BK/GN	6281	Fuel Level Sensor Low Reference	I	-
7	0.5	BU/WH	1937	Secondary Fuel Level Sensor Signal	II	-
8	0.5	BK/BU	6282	Fuel Level Sensor 2 Low Reference	II	-

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY (LTG/LYX)



Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13588283
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-Way F 2.8 Series, Sealed (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	2.5	GY	120	Fuel Pump Control	I	-
4	2.5	BK/GN	1580	Fuel Pump Low Reference	I	-
5	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
6	0.5	BK/GN	580	Engine Control Sensors Low Reference (2)	I	-
7 - 8	-	-	-	Not Occupied	-	-

A7 FUEL PUMP AND LEVEL SENSOR ASSEMBLY (LTG/LYX+NTB/NUB)

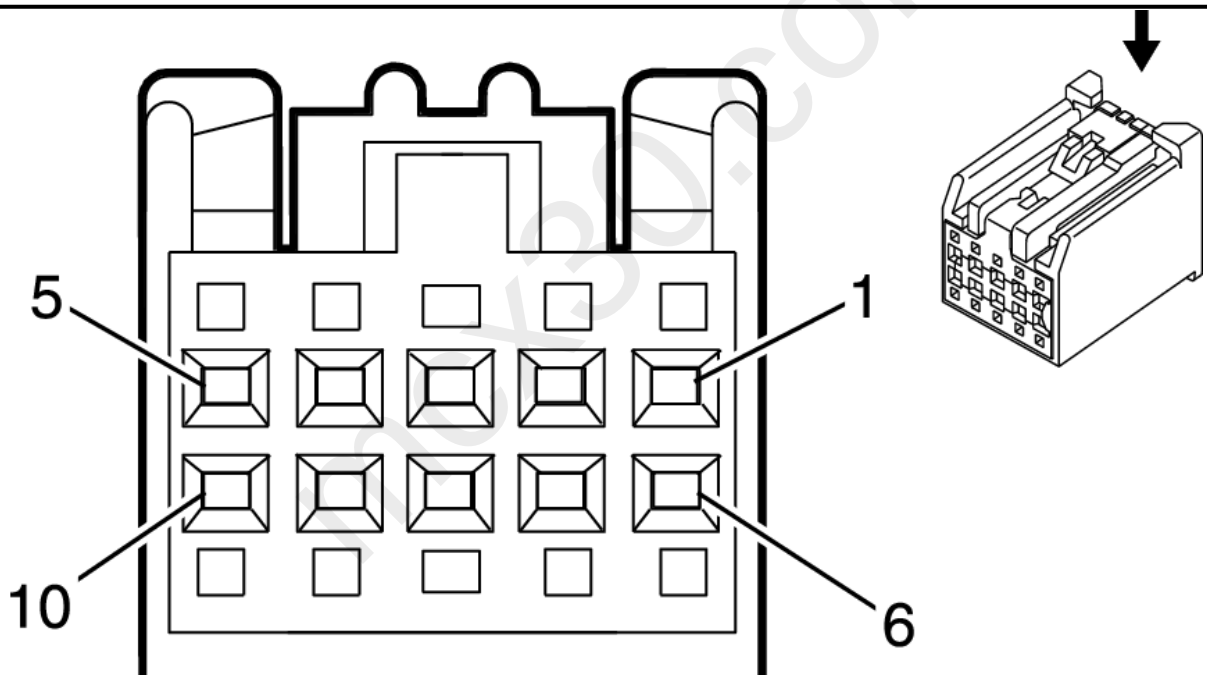
Connector Part Information

- Harness Type: Fuel Tank
- OEM Connector: 13596704
- Service Connector: Service by Harness - See Part Catalog
- Description: 8-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	J-35616-4A (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
3	2.5	GY	120	Fuel Pump Control	I	-
4	2.5	BK/GN	1580	Fuel Pump Low Reference	I	-
5	0.5	BU/VT	1589	Primary Fuel Level Sensor Signal	I	-
6	0.5	BK/GN	580	Engine Control Sensors Low Reference (2)	II	-
7	0.5	BU/WH	1937	Secondary Fuel Level Sensor Signal	I	-
8	0.5	BK/GN	580	Engine Control Sensors Low Reference (2)	II	-

A10 INSIDE REARVIEW MIRROR (DD8)


Connector Part Information

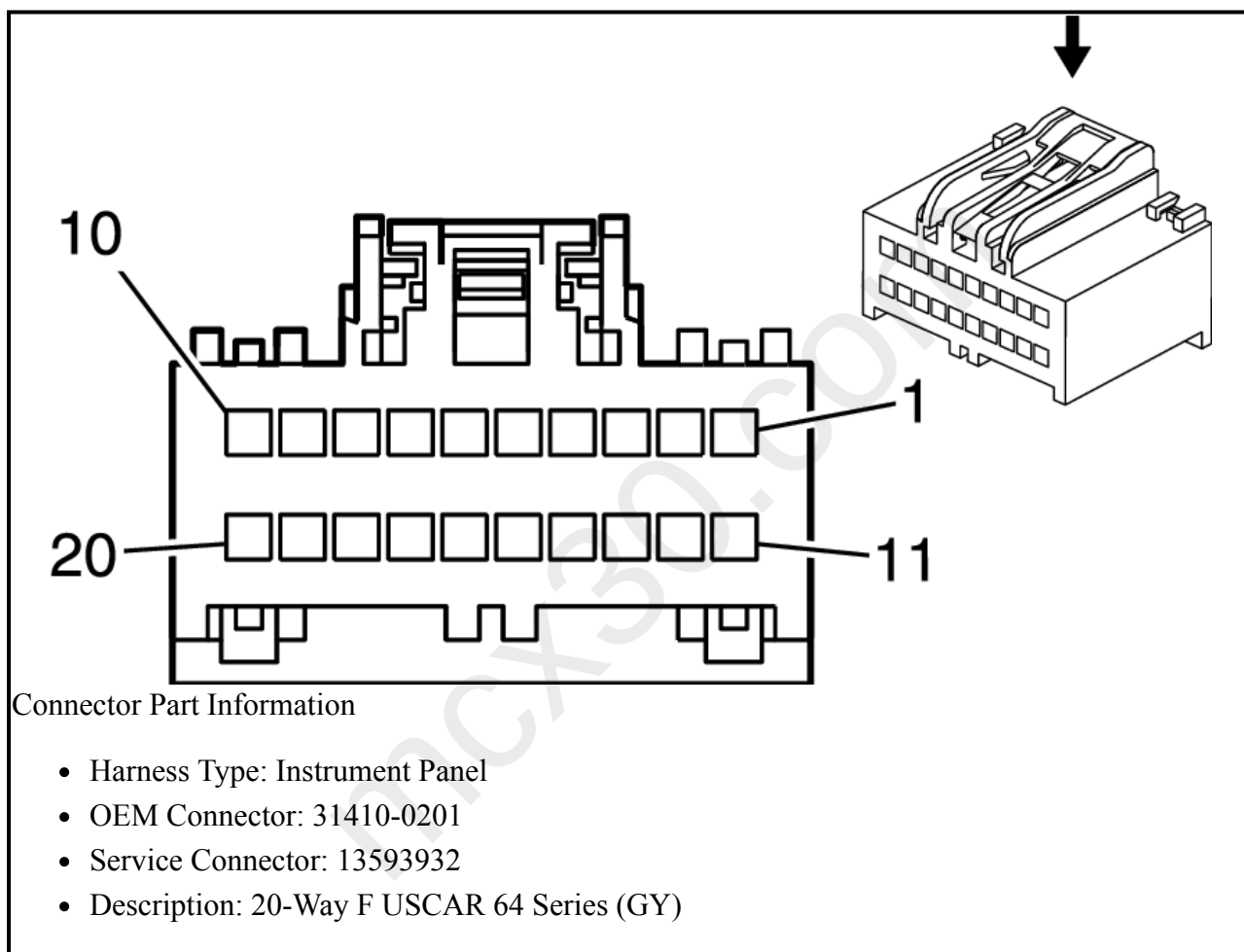
- Harness Type: Body
- OEM Connector: 13577390
- Service Connector: 13577390
- Description: 10-Way F 0.64 Kaizen Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/WH	1324	Backup Lamp Control	I	-
2	0.35	VT/GY	139	Run/Crank Ignition 1 Voltage	I	-
3 - 4	-	-	-	Not Occupied	-	-
5	0.5	BK	1550	Ground	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.35	BK/YE	1691	Automatic Day/Night Mirror Low Reference	I	-
9	0.35	YE/WH	1690	Automatic Day/Night Mirror Signal	I	-
10	-	-	-	Not Occupied	-	-

A11 RADIO X1 (IO5/IO6)



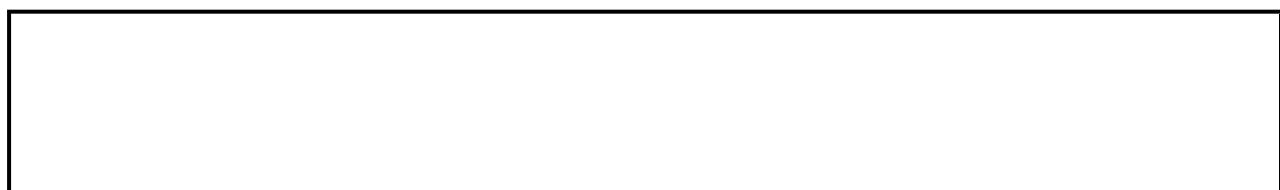
Terminal Part Information

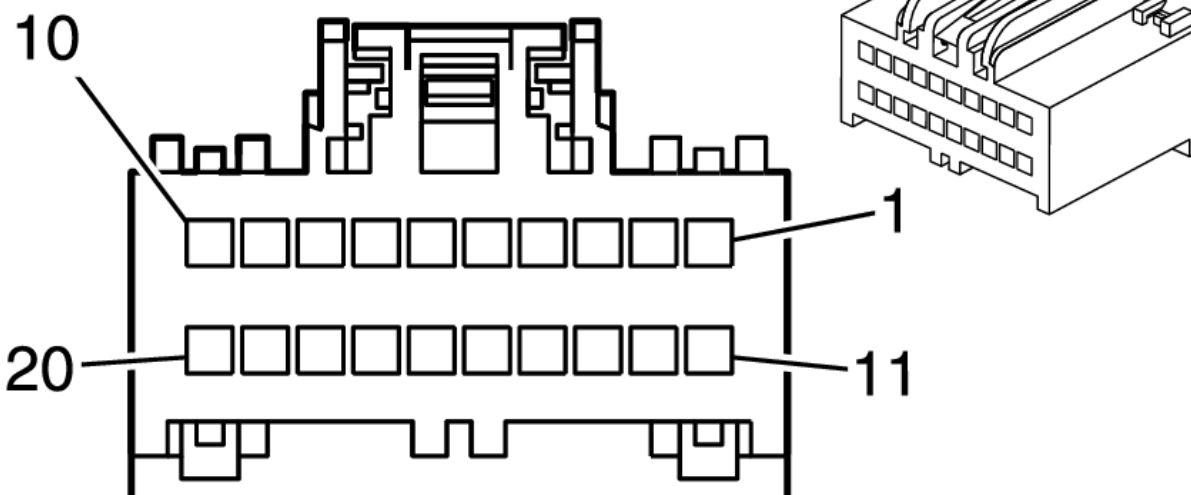
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
III	19300629	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
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Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	BK	1750	Ground	III	IOB
2	0.35 0.35	BK/GN GN/YE	2804 7066	Radio Display Backlight Low Reference Entertainment Remote Enable Signal	II II	IOB NKC+UZ6+IO5/IO6
3	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	II	IOB
4	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	IOB
5	-	-	-	Not Occupied	-	-
6	0.35 0.35	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	II II	IOB+UE1 IOB-UE1
7	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	II II	IOB+UE1 IOB-UE1
8	0.35	VT/WH	2810	Radio Keypad Button Signal	II	IOB
9	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	II	IOB+UE1
10	0.35	YE	658	Cellular Telephone Voice Signal	II	IOB+UE1
11	0.75	RD/YE	5040	Battery Positive Voltage	III	IOB
12	0.35	GN/YE	7066	Entertainment Remote Enable Signal	II	IOB+NKC+UZ6
13	0.35 0.35	GN/BU SR	7532 6974	Local Interconnect Network Serial Data Bus 10 Camera Low Reference	II II	IO5/IO6 IOB+UVC
14	0.35 0.35	GY/GN WH/BU	1102 6973	Low Speed GMLAN Serial Data #2 Camera Signal 2	II II	IO5/IO6 IOB+UVC
15	0.35	GY/YE	6972	Camera Signal 2 +	II	IOB+UVC
16	0.35	BARE	5842	Auxiliary Audio Screen 2	II	IOB+USR
17	0.13	BU	2060	Auxiliary Detection Signal	I	IOB+USR
18	0.35	VT	5843	Auxiliary Audio Common Signal	II	IOB+USR
19	0.35 0.35	GY BK/YE	5839 659	Left Auxiliary Audio Signal 2 Cellular Telephone Voice Low Reference	II II	IOB+USR UE1+IO5/IO6
20	0.35 0.35	GN YE	5841 658	Right Auxiliary Audio Signal 2 Cellular Telephone Voice Signal	II II	IOB+USR UE1+IO5/IO6

A11 RADIO X1 (IOB)





Connector Part Information

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

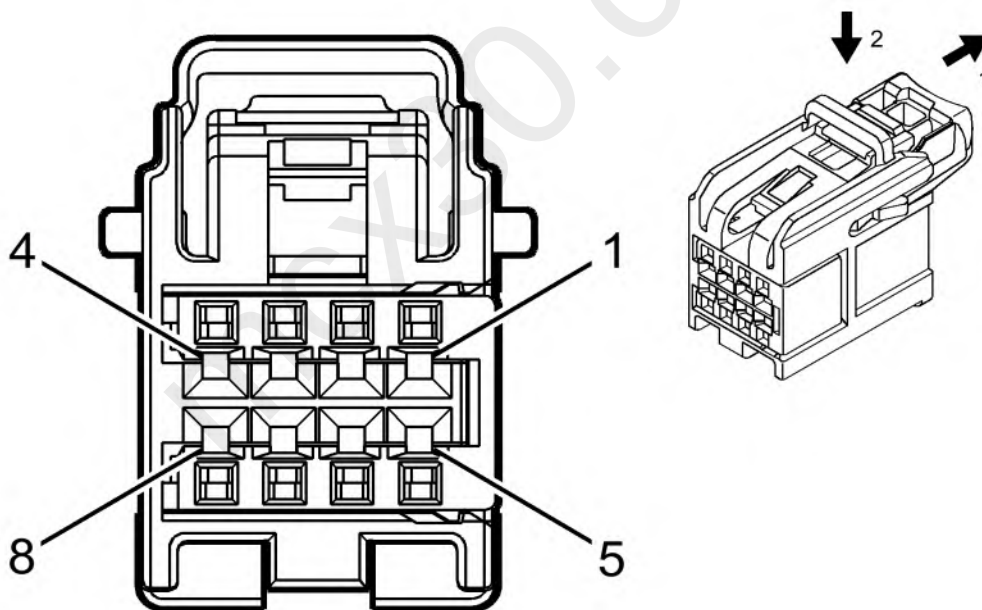
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575867	J-35616-64B (LT BU)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	13575867	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
III	19119865	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	0.75	BK	1750	Ground	III	IOB
2	0.35	BK/GN	2804	Radio Display Backlight Low Reference	II	IOB
3	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	II	IOB
4	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	IOB
5	-	-	-	Not Occupied	-	-
6	0.35 0.35	BK/GY BK/BN	5152 654	Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	II II	IOB+UE1 IOB-UE1
7	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	II II	IOB+UE1 IOB-UE1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35	VT/WH	2810	Radio Keypad Button Signal	II	IOB
9	0.35	BK/YE	659	Cellular Telephone Voice Low Reference	II	IOB+UE1
10	0.35	YE	658	Cellular Telephone Voice Signal	II	IOB+UE1
11	0.75	RD/YE	5040	Battery Positive Voltage	III	IOB
12	0.35	GN/YE	7066	Entertainment Remote Enable Signal	II	IOB+NKC+UZ6
13	0.35	SR	6974	Camera Low Reference	II	IOB+UVC
14	0.35	WH/BU	6973	Camera Signal 2	II	IOB+UVC
15	0.35	GY/YE	6972	Camera Signal 2 +	II	IOB+UVC
16	0.35	BARE	5842	Auxiliary Audio Screen 2	II	IOB+USR
17	0.13	BU	2060	Auxiliary Detection Signal	I	IOB+USR
18	0.35	VT	5843	Auxiliary Audio Common Signal	II	IOB+USR
19	0.35	GY	5839	Left Auxiliary Audio Signal 2	II	IOB+USR
20	0.35	GN	5841	Right Auxiliary Audio Signal 2	II	IOB+USR

A11 RADIO X2 (IO5/IO6)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13591516
- Service Connector: 19353873
- Description: 8-Way F 0.64 OCS Series (GY)

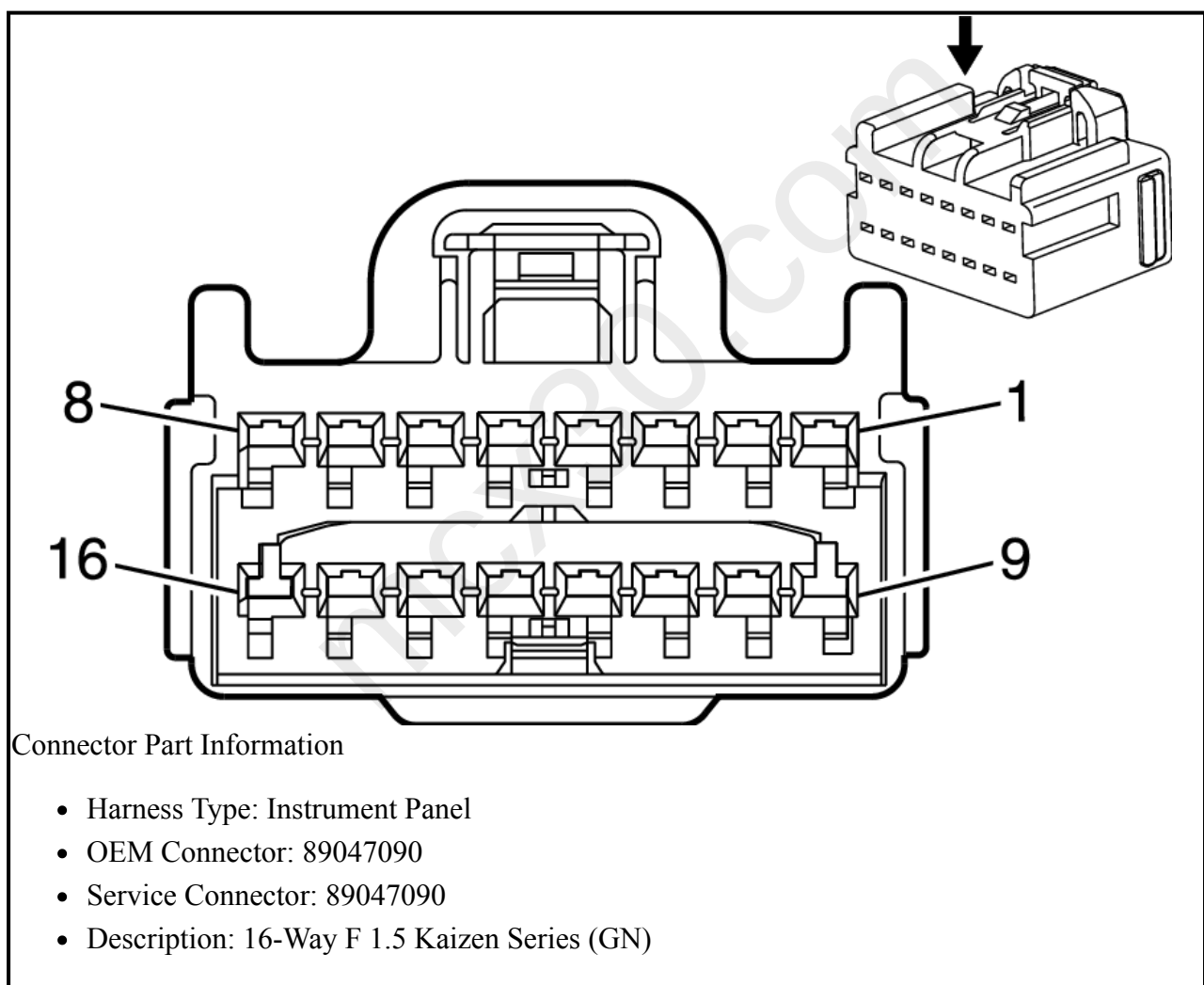
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-64B (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	WH/GN	3997	MOST Serial Data (-)	I	UDD+IO5/IO6
2	0.35	GY/VT	3998	MOST Serial Data (+)	I	UDD+IO5/IO6
3	0.35	WH/GN	3997	MOST Serial Data (-)	I	IO5/IO6
4	0.35	GY/VT	3998	MOST Serial Data (+)	I	IO5/IO6
5	-	-	-	Not Occupied	-	-
6	0.35	WH/VT	3999	MOST Control	I	IO5/IO6+UQA/UDD
7 - 8	-	-	-	Not Occupied	-	-

A11 RADIO X3 (IO5/IO6)



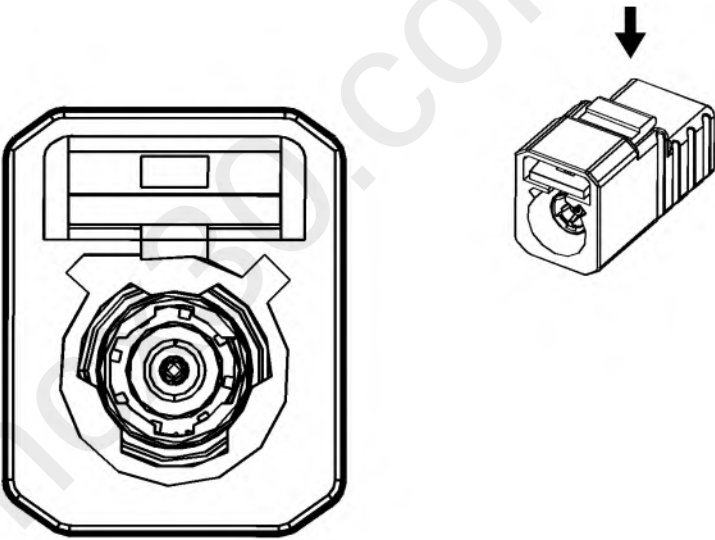
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575850	J-35616-14 (GN)	J-38125-557	Not Available	Not Available	Not Available	Not Available

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	0.75	YE	200	Right Front Speaker Control (+) 1	I	-
3	0.75	GN	199	Left Rear Speaker Control (+)	I	-
4	0.75	WH	46	Right Rear Speaker Control (+)	I	-
5 - 7	-	-	-	Not Occupied	-	-
8	1	RD/YE	5040	Battery Positive Voltage	I	IO5/IO6
9	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	-
10	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	-
11	0.75	GN/BK	116	Left Rear Speaker Signal (-)	I	-
12	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	-
13 - 15	-	-	-	Not Occupied	-	-
16	1	BK	1750	Ground	I	IO5/IO6

A11 RADIO X4 (IO5/IO6)



Connector Part Information

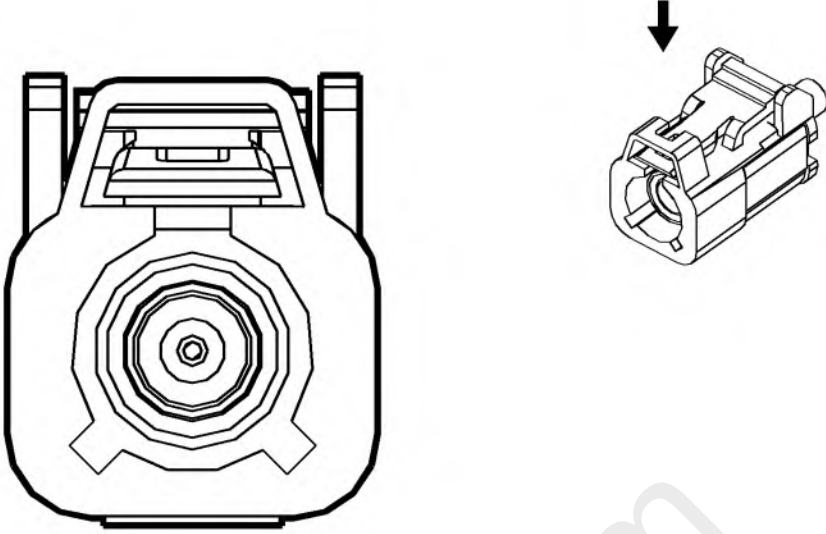
- Harness Type: Instrument Panel
- OEM Connector: 13581686
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

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

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

A11 RADIO X5 (IO5/IO6+U2K)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13580584
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (CU)

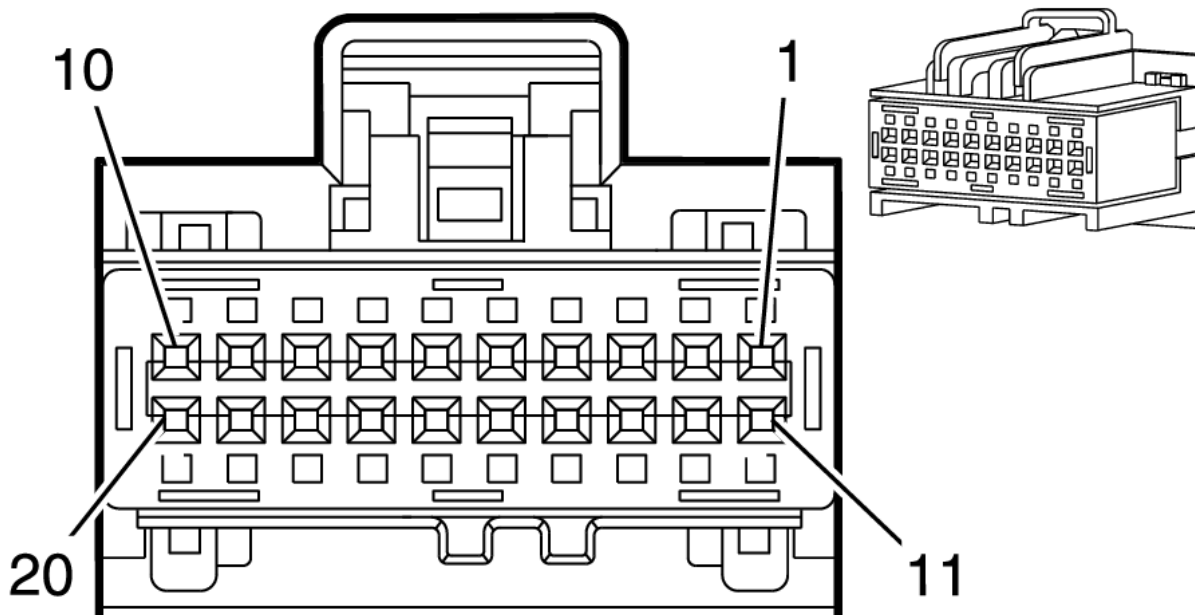
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

A11 RADIO X2 (IOB)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13593933
- Service Connector: 13593933
- Description: 20-Way F USCAR 64 Series (BN)

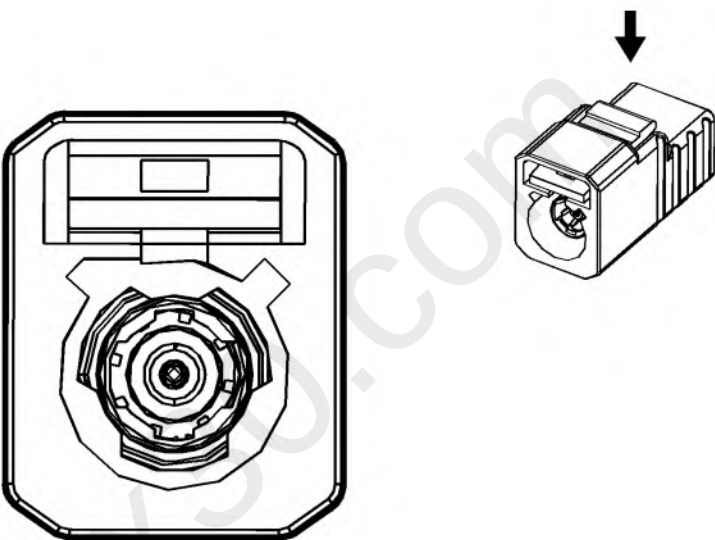
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P
II	19300629	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 - 2	-	-	-	Not Occupied	-	-
3	0.35	BN/WH	2809	Radio Keypad Power Signal	I	IOB
4	0.35	BN	2814	Radio Display Low Voltage Differential Signaling Lock Signal	I	IOB
5	0.35	GY/VT	2812	Radio Display Low Voltage Differential Signaling Error Signal	I	IOB
6	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	IOB
7	0.35	WH	2811	Radio Display Diagnostic Signal	I	IOB
8	0.35	BU	4315	Radio Volume Up Signal	I	IOB
9	0.35	GY/BN	4314	Radio Volume Down Signal	I	IOB
10	0.75	BK	1750	Ground	II	IOB
11	0.75	WH	46	Right Rear Speaker Control (+)	II	-
12	0.75	BU/BK	115	Right Rear Speaker Signal (-)	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	0.75	GN	199	Left Rear Speaker Control (+)	II	-
14	0.75	GN/BK	116	Left Rear Speaker Signal (-)	II	-
15	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	II	-
16	0.75	YE	200	Right Front Speaker Control (+) 1	II	-
17	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	II	-
18	0.75	BU	201	Left Front Speaker Control (+) 1	II	-
19	-	-	-	Not Occupied	-	-
20	0.75	RD/YE	5040	Battery Positive Voltage	II	IOB

A11 RADIO X4 (IOB)



Connector Part Information

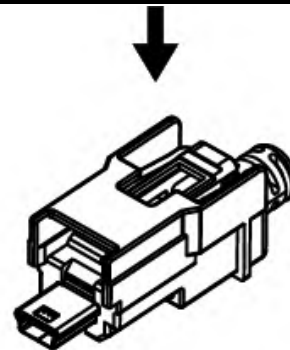
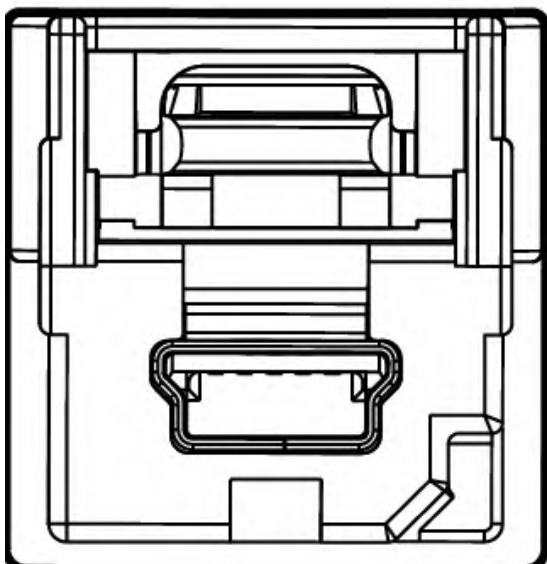
- Harness Type: Instrument Panel
- OEM Connector: 13581686
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

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

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

A11 RADIO X7 (IOB)



Connector Part Information

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

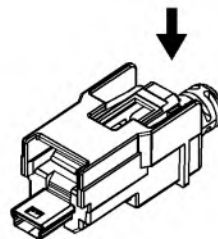
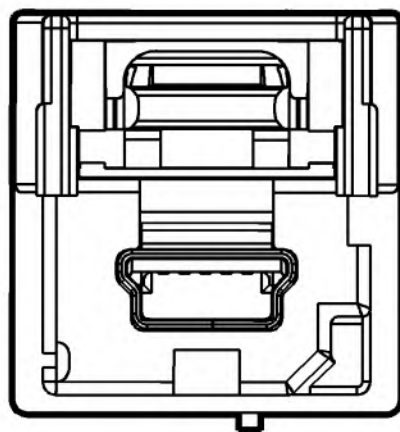
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

A11 RADIO X3 (IOB+MCY)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13578154
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (BU)

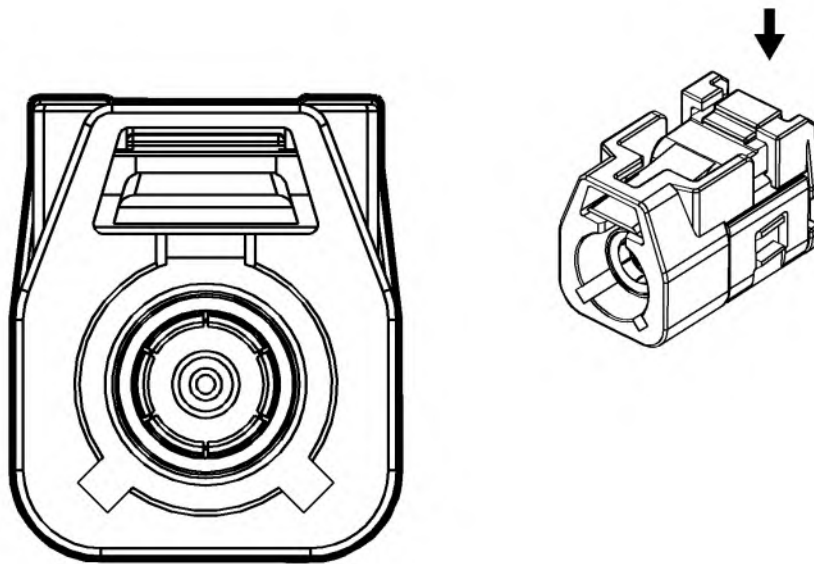
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

A11 RADIO X5 (IOB+U2K)





Connector Part Information

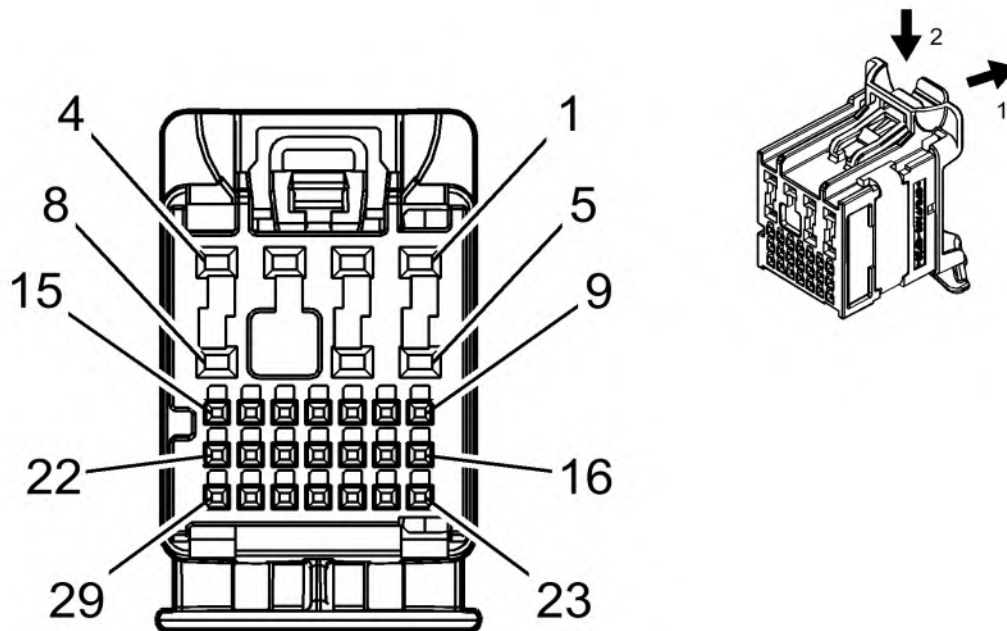
- Harness Type: Instrument Panel COAX
- OEM Connector: 13586878
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (CU)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(XM +/-HD) Coaxial Antenna XM Signal	I	-

A11 RADIO X1 (IOR)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 160014-0002
- Service Connector: 13506123
- Description: 29-Way F 0.5 NANO, 1.2 MCON Series Sealed (GN)

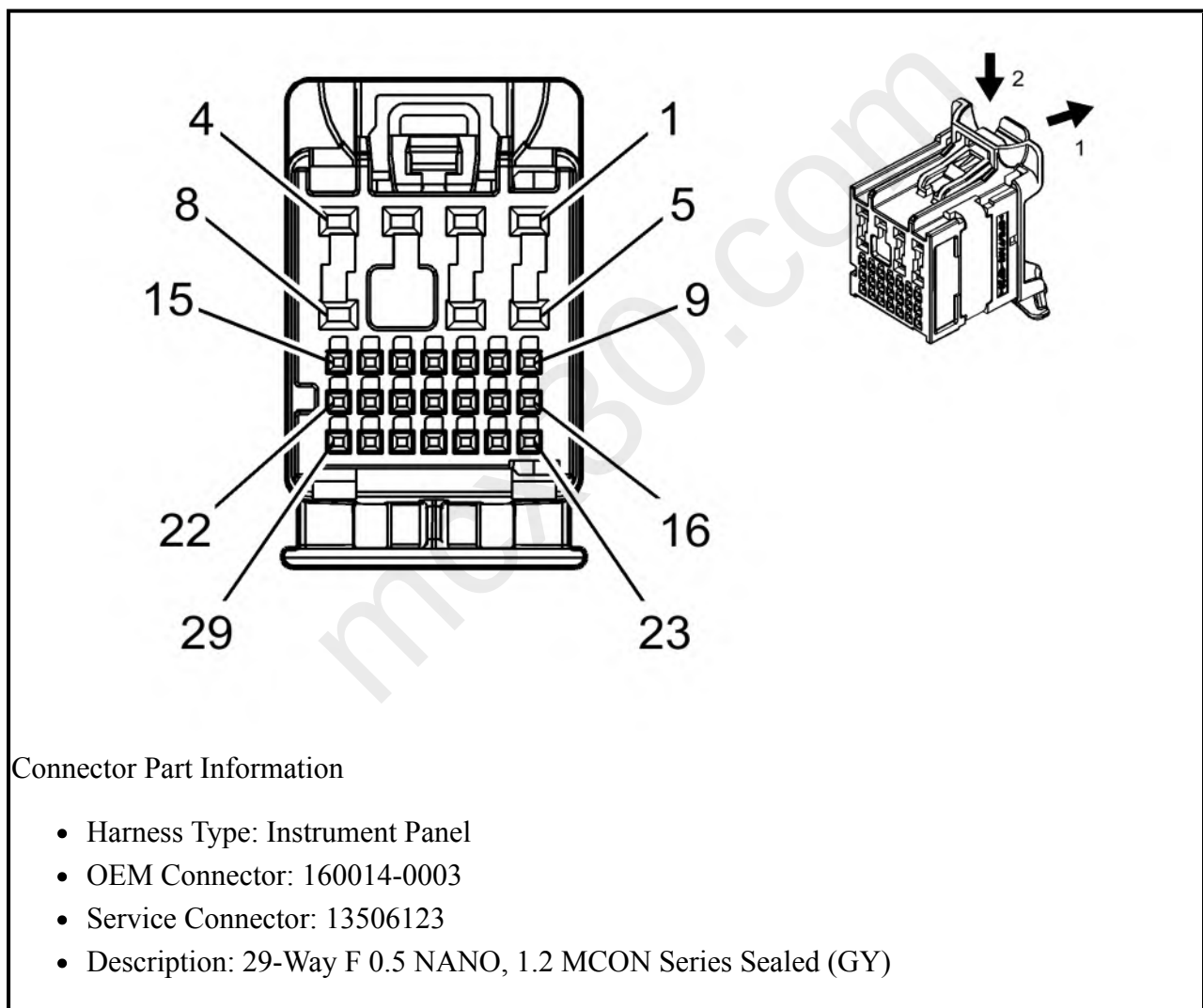
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19354361	EL-35616-58 (BK)	EL-38125-58	Not Available	Not Available	Not Available	Not Available
II	19367551	J-35616-16 (LT GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/YE	5040	Battery Positive Voltage	II	IOR
2	0.75	RD/YE	5040	Battery Positive Voltage	II	IOR
3	0.75	BK	1750	Ground	II	IOR
4	0.35	BU/RD	2807	Radio Keypad Voltage Reference	II	IOR
5	0.35	BK/GN	2804	Radio Display Backlight Low Reference	II	IOR
6	0.75	BK	1750	Ground	II	IOR
7	-	-	-	Not Occupied	-	-
8	0.75	GN/BK	116	Left Rear Speaker Signal (-)	II	IOR+UZ6
9	0.35	GY/BU	2803	Radio Display Touch Interrupt Request Signal	I	IOR
10	-	-	-	Not Occupied	-	-
11	0.35	GN/WH	1324	Backup Lamp Control	I	IOR
12	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	I	IOR
13 - 14	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	IOR
16 - 20	-	-	-	Not Occupied	-	-
21	0.35	GY/VT	3363	Navigation Display Dimming Control	I	IOR
22	0.35	BU/GN	2813	Radio Display Backlight Dimming Control	I	IOR
23	0.35	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	I	IOR
24	0.35	BN/WH	2809	Radio Keypad Power Signal	I	IOR
25	0.35	VT/WH	2810	Radio Keypad Button Signal	I	IOR
26	0.35	BU	4315	Radio Volume Up Signal	I	IOR
27	0.35	GY/BN	4314	Radio Volume Down Signal	I	IOR
28 - 29	-	-	-	Not Occupied	-	-

A11 RADIO X2 (IOR)



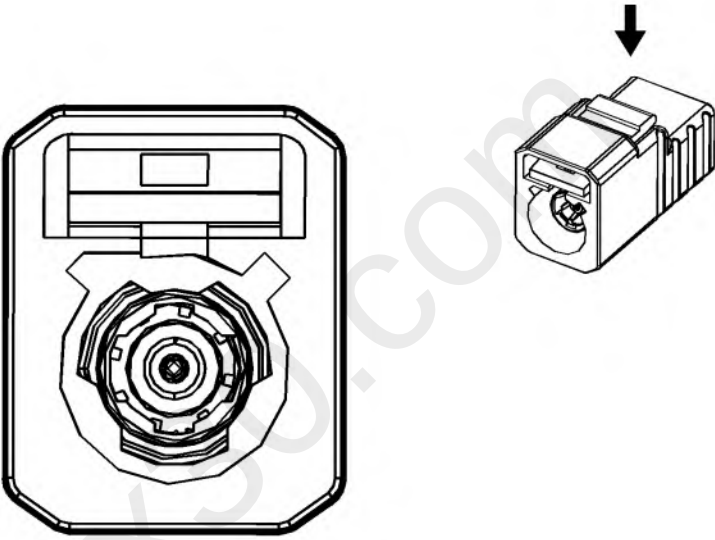
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-16 (LT GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available
II	19354361	EL-35616-58 (BK)	EL-38125-58	Not Available	Not Available	Not Available	Not Available
III	19367551	J-35616-16 (LT GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75 0.75	RD/YE GN	5040 199	Battery Positive Voltage Left Rear Speaker Control (+) 1	III I	IOR IOR+UZ6
2	0.75 0.75	RD/YE BU	5040 201	Battery Positive Voltage Left Front Speaker Control (+) 1	III I	IOR IOR+UZ6
3	0.75 0.75 0.75	BK YE/BK YE	1750 117 200	Ground Right Front Speaker Signal (-) 1 Right Front Speaker Control (+) 1	III I I	IOR IOR+UZ6 UZ6+NKC-IOR
4	0.35 0.75	BU/RD BU/BK	2807 115	Radio Keypad Voltage Reference Right Rear Speaker Signal (-)	III I	IOR IOR+UZ6
5	0.35 0.75	BK/GN BN/BU	2804 118	Radio Display Backlight Low Reference Left Front Speaker Signal (-) 1	III I	IOR IOR+UZ6
6	0.75 0.75 0.75	BK YE/BK YE	1750 117 200	Ground Right Front Speaker Signal (-) 1 Right Front Speaker Control (+) 1	III I I	IOR IOR+UZ6 UZ6+NKC-IOR
7	-	-	-	Not Occupied	-	-
8	0.75	WH	46	Right Rear Speaker Control (+)	I	IOR+UZ6
9	0.35 0.35 0.35	GY/BU BK/GY BK/BN	2803 5152 654	Radio Display Touch Interrupt Request Signal Voice Recognition Audio Low Reference Cellular Telephone Microphone Low Reference	II II II	IOR IOR+UE1 IOR-UE1
10	0.35 0.35	GY/YE BU	5149 655	Voice Recognition Audio Signal Cellular Telephone Microphone Signal	II II	IOR+UE1 IOR-UE1
11	0.35	GN/WH	1324	Backup Lamp Control	II	IOR
12	0.35 0.35	GY/GN GY/YE	1102 6972	Low Speed GMLAN Serial Data #2 Camera Signal 2 +	II II	IOR IOR+UVC
13	0.35	WH/BU	6973	Camera Signal 2	II	IOR+UVC
14	0.35	WH/GN	1776	Noise Reduction Microphone #4 Return	II	IOR
15	0.35	VT/BU	1775	Noise Reduction Microphone #4 Signal	II	-
16 - 19	-	-	-	Not Occupied	-	-
20	0.35	GY/BN	3010	Noise Reduction Microphone 3 Low Reference	II	IOR
21	0.35	GY/BU	3007	Noise Reduction Microphone 3 Signal	II	IOR
22	0.35	BU/BK	3009	Noise Reduction Microphone 2 Low Reference	II	IOR

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
23	0.35	VT/BU	6091	Crankshaft Position Sensor Replicated Signal	II	IOR
24	0.35	BN/WH	2809	Radio Keypad Power Signal	II	IOR
25	0.35	VT/WH	2810	Radio Keypad Button Signal	II	IOR
26	0.35	BU	4315	Radio Volume Up Signal	II	IOR
27	0.35	GN/BN	3005	Noise Reduction Microphone 1 Signal	II	IOR
28	0.35	GN/BK	3008	Noise Reduction Microphone 1 Low Reference	II	IOR
29	0.35	BU/YE	3006	Noise Reduction Microphone 2 Signal	II	IOR

A11 RADIO X3 (IOR)



Connector Part Information

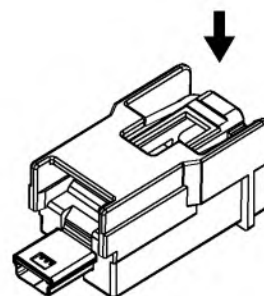
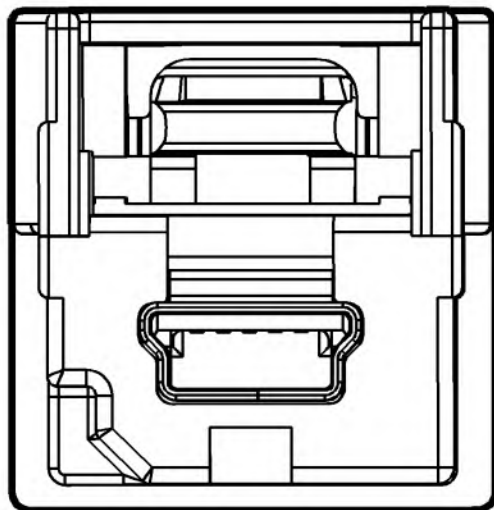
- Harness Type: Instrument Panel
- OEM Connector: 13581686
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

Terminal Part Information

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

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

A11 RADIO X4 (IOR)



Connector Part Information

- Harness Type: Instrument Panel LVDS
- OEM Connector: 13576673
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 5-Way M 2.0 Mini-B USB Type (GY)

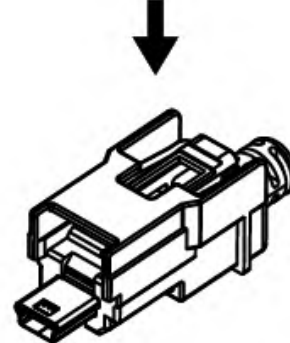
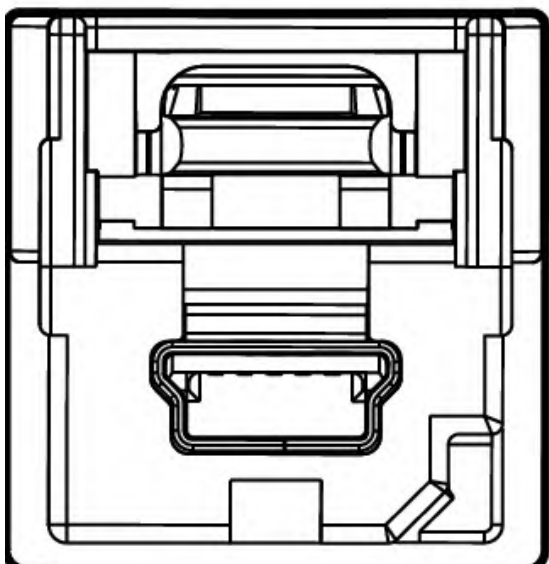
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	LVDS	-	(Infotainment) Infotainment Display Signal	I	-

A11 RADIO X5 (IOR)





Connector Part Information

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

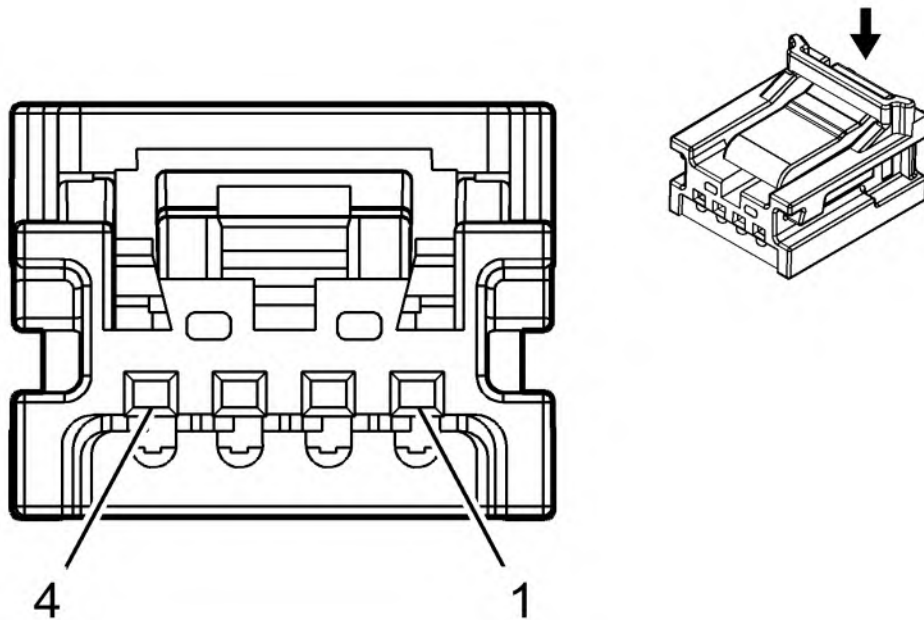
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	USB	-	USB Serial Data	I	-

A11 RADIO X6 (IOR+UE1)





Connector Part Information

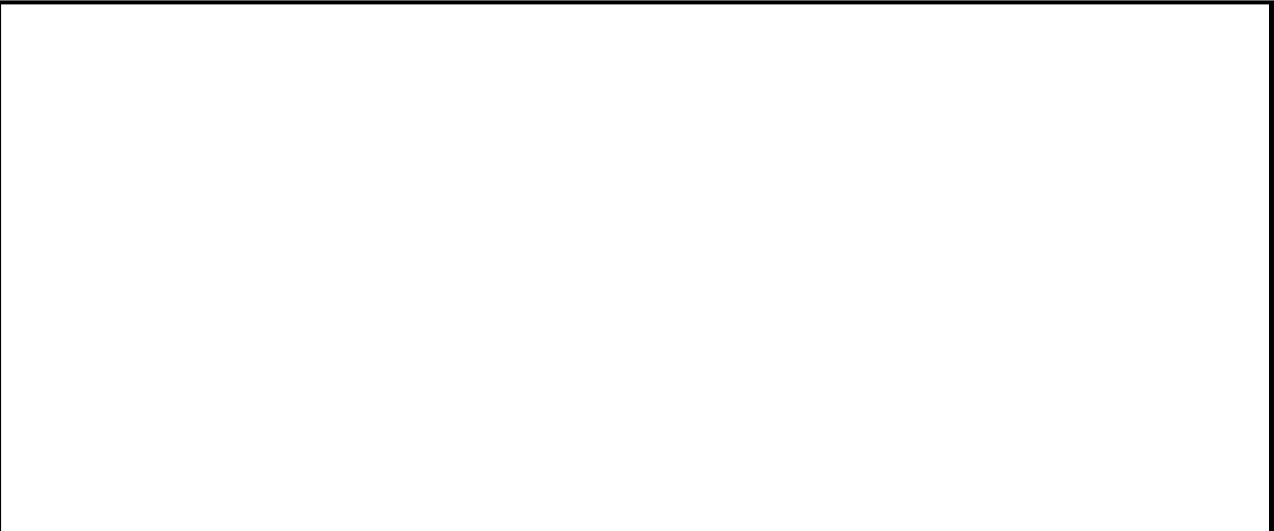
- Harness Type: Instrument Panel
- OEM Connector: 34791-5140
- Service Connector: 19354840
- Description: 4-Way F Mini 50 Series (BK)

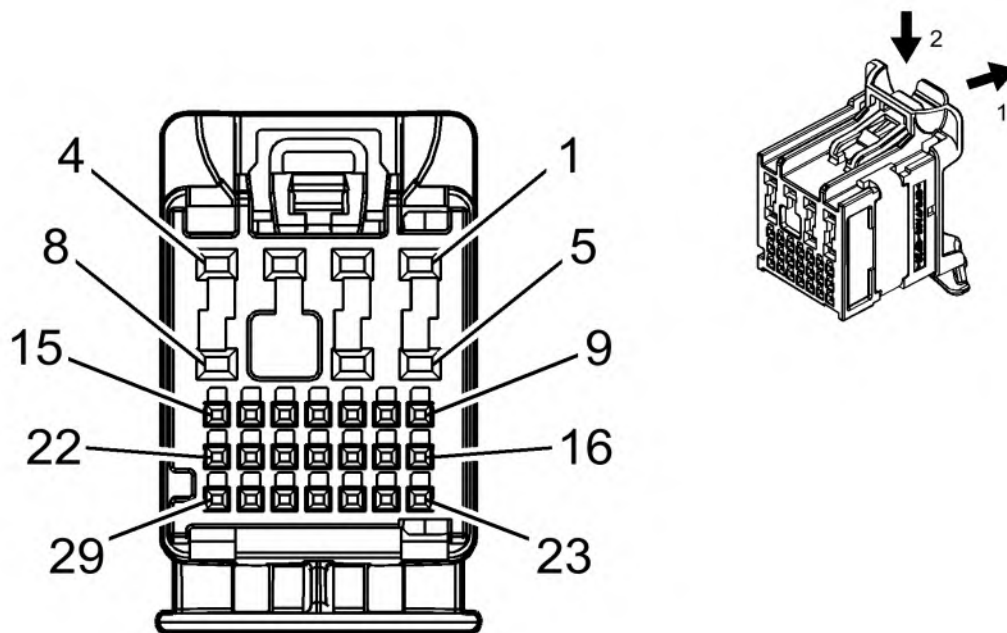
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	GY/WH	7211	Ethernet Bus 4 (+)	I	IOR+UE1
3	0.35	GY	7210	Ethernet Bus 4 (-)	I	IOR+UE1
4	-	-	-	Not Occupied	-	-

A11 RADIO X1 (IOS/IOT/IOU)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 160014-0004
- Service Connector: 13506123
- Description: 29-Way F 0.5 NANO, 1.2 MCON Series Sealed (BK)

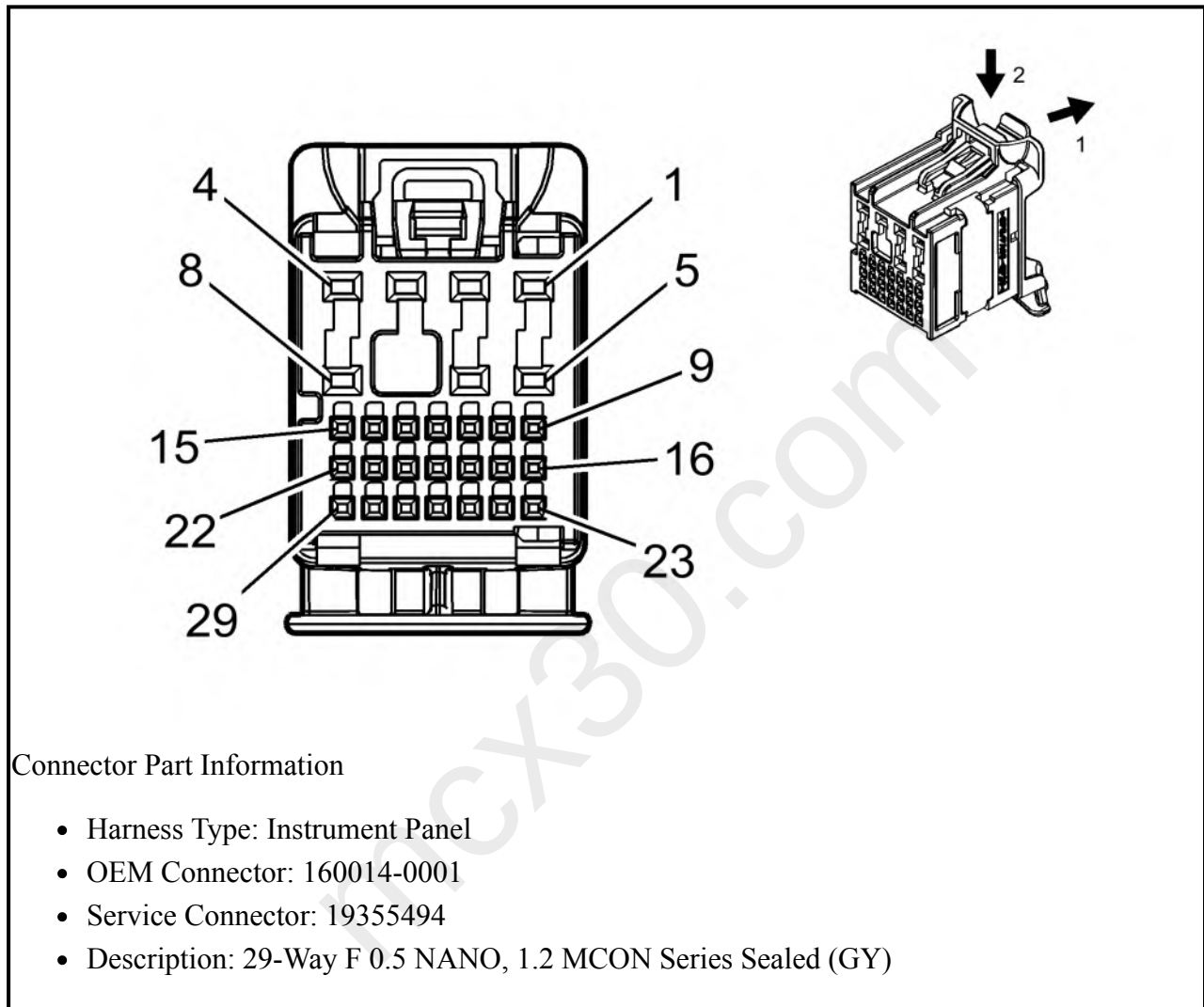
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19354361	EL-35616-58 (BK)	EL-38125-58	Not Available	Not Available	Not Available	Not Available
II	19367551	J-35616-16 (LT GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/YE	5040	Battery Positive Voltage	II	IOS/IOT/IOU
2	0.75	RD/YE	5040	Battery Positive Voltage	II	IOS/IOT/IOU
3	0.75	BK	1750	Ground	II	IOS/IOT/IOU
4 - 5	-	-	-	Not Occupied	-	-
6	0.75	BK	1750	Ground	II	IOS/IOT/IOU
7	-	-	-	Not Occupied	-	-
8	0.75	GN/BK	116	Left Rear Speaker Signal (-)	II	NKC+UZ6+IOS/IOU
9	0.35 0.35	BU GY/YE	655 5149	Cellular Telephone Microphone Signal Voice Recognition Audio Signal	I I	IOS/IOT/IOU-UE1 UE1+IOS/IOT/IOU
10	0.35 0.35	BK/BN BK/GY	654 5152	Cellular Telephone Microphone Low Reference Voice Recognition Audio Low Reference	I I	IOS/IOT/IOU-UE1 UE1+IOS/IOT/IOU
11	0.35	VT/YE	7043	Microphone (+) Signal	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
12	0.35	BU/BK	7044	Microphone (-) Low Reference	I	IOS/IOT/IOU
13	-	-	-	Not Occupied	-	-
14	0.35	GY/YE	6972	Camera Signal 2 +	I	-
15	0.35	WH/BU	6973	Camera Signal 2	I	-
16 - 29	-	-	-	Not Occupied	-	-

A11 RADIO X2 (IOS/IOT/IOU)



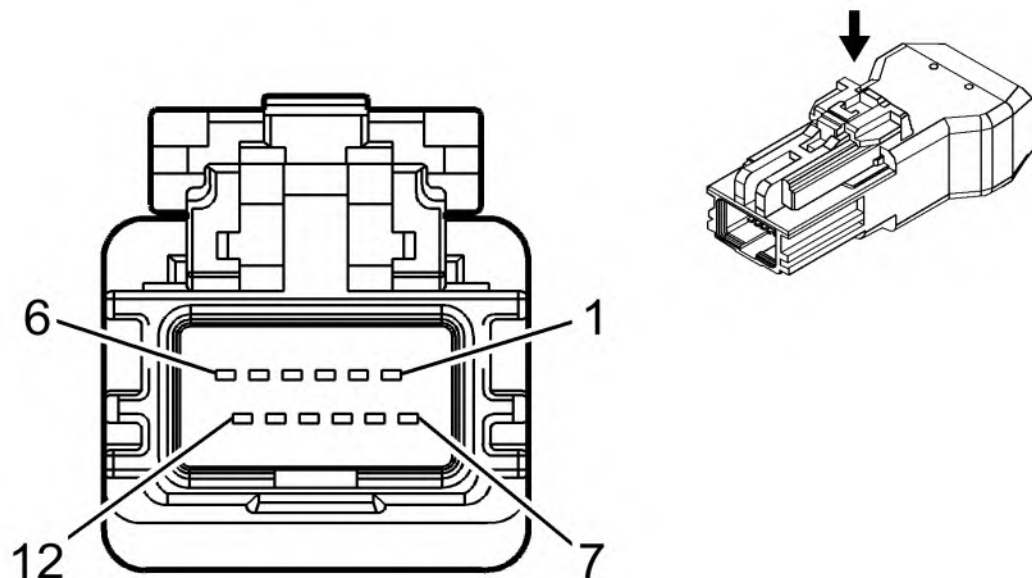
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-16 (LT GN)	J-38125-21	Not Available	Not Available	Not Available	Not Available
II	19354361	EL-35616-58 (BK)	EL-38125-58	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	GN	199	Left Rear Speaker Control (+)	I	NKC+UZ6+IOS/IOU
2	0.75	BU	201	Left Front Speaker Control (+) 1	I	NKC+UZ6+IOS/IOU
3	0.75	YE/BK	117	Right Front Speaker Signal (-) 1	I	NKC+UZ6+IOS/IOU

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
4	0.75	BU/BK	115	Right Rear Speaker Signal (-)	I	NKC+UZ6+IOS/IOU
5	0.75	BN/BU	118	Left Front Speaker Signal (-) 1	I	NKC+UZ6+IOS/IOU
6	0.75	YE	200	Right Front Speaker Control (+) 1	I	NKC+UZ6+IOS/IOU
7	-	-	-	Not Occupied	-	-
8	0.75	WH	46	Right Rear Speaker Control (+)	I	NKC+UZ6+IOS/IOU
9	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	II	IOS/IOT/IOU-UE1 UE1+IOS/IOT/IOU
	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	II	
10	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	II	IOS/IOT/IOU-UE1 UE1+IOS/IOT/IOU
	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	II	
11	0.35	BU/GN	1304	High Speed GMLAN Serial Data (+) 9	II	IOS/IOT/IOU
12	0.35	WH/GN	1305	High Speed GMLAN Serial Data (-) 9	II	IOS/IOT/IOU
13	0.35	GN/WH	1324	Backup Lamp Control	II	IOS/IOT/IOU
14	0.13	GN/YE	7066	Entertainment Remote Enable Signal	II	NKC+UZ6+IOS/IOU
15 - 17	-	-	-	Not Occupied	-	-
18	0.35	GY/GN	1102	Low Speed GMLAN Serial Data #2	II	IOS/IOT/IOU
19	-	-	-	Not Occupied	-	-
20	0.35	GN/BU	7532	Local Interconnect Network Serial Data Bus 10	II	IOS/IOT/IOU
21 - 23	-	-	-	Not Occupied	-	-
24	0.35	GN/WH	7527	Local Interconnect Network Serial Data Bus 5	II	IOS/IOT/IOU
25 - 27	-	-	-	Not Occupied	-	-
28	0.35	WH/BU	5986	Serial Data Communication Enable	II	IOS/IOT/IOU
29	-	-	-	Not Occupied	-	-

A11 RADIO X3 (IOS/IOT/IOU)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13511514
- Service Connector: Service by Cable - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (BK)

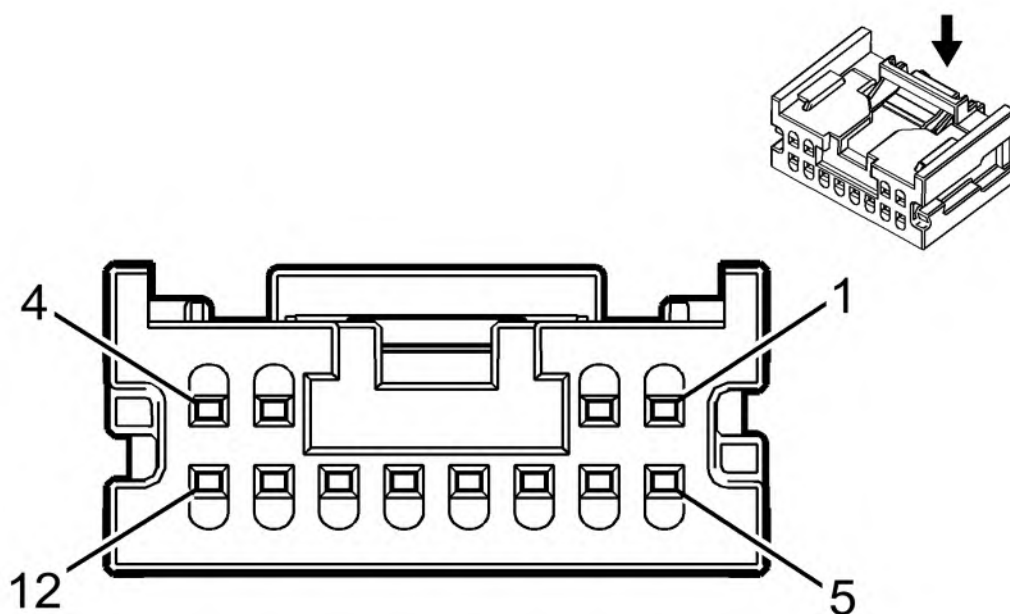
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 6	-	-	-	Not Occupied	-	-
7	0.1	WH/GN	3149	USB Serial Data Control	I	MCZ
8	0.1	WH	3147	USB D (-) Serial Data	I	MCZ
9	0.1	WH/GY	3146	USB D (+) Serial Data	I	MCZ
10	0.1	BK	3148	USB Serial Data Low Reference	I	MCZ
11 - 12	-	-	-	Not Occupied	-	-

A11 RADIO X6 (IOS/IOT/IOU)





Connector Part Information

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

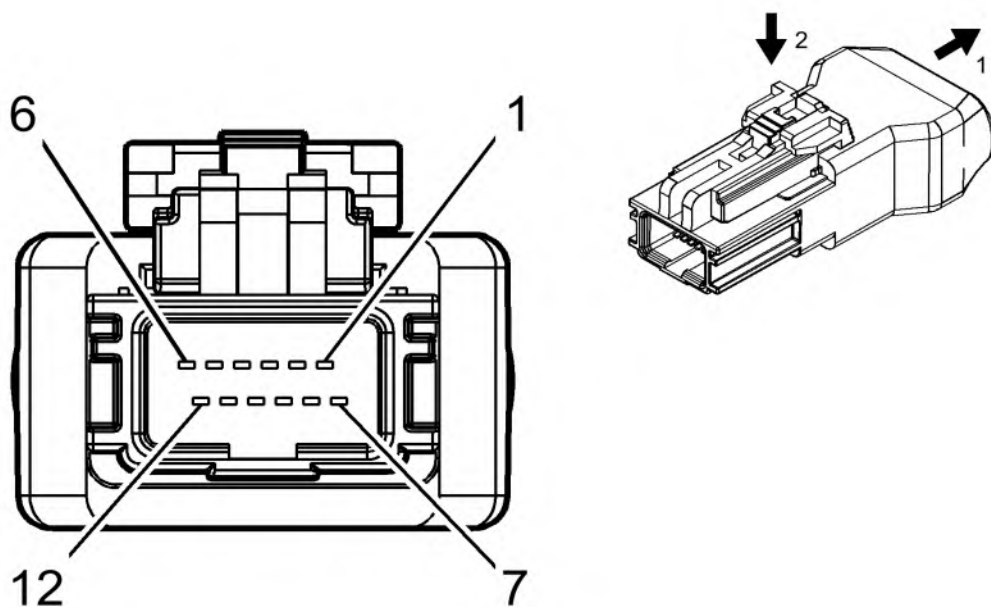
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 7	-	-	-	Not Occupied	-	-
8	0.35	GY/BK	7215	Ethernet Bus 6 (+)	I	UQA+IOT/IOU/IOS
9	0.35	BN/BK	7214	Ethernet Bus 6 (-)	I	UQA+IOT/IOU/IOS
10	-	-	-	Not Occupied	-	-
11	0.35	GY/WH	7211	Ethernet Bus 4 (+)	I	UE1+IOT/IOU/IOS
12	0.35	GY	7210	Ethernet Bus 4 (-)	I	UE1+IOT/IOU/IOS

A11 RADIO X7 (IOS/IOT/IOU)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13511515
- Service Connector: Service by Cable - See Part Catalog
- Description: 12-Way M 2.0 HSAL-2 Series (GY)

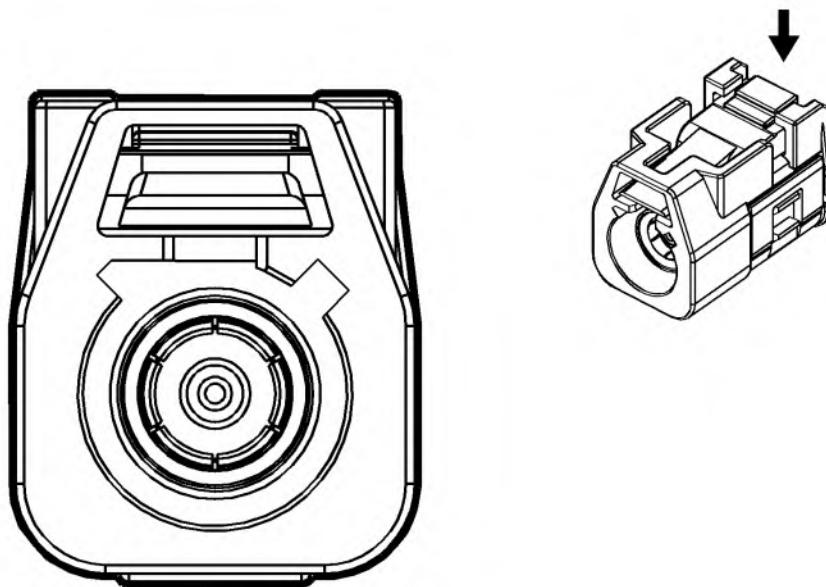
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.1	BARE	3365	Navigation Display Low Reference	I	IOS/IOT/IOU
2	-	BU	3366	Navigation Display Signal (+)	I	IOS/IOT/IOU
3	0.1	BN	3367	Navigation Display Signal (-)	I	IOS/IOT/IOU
4 - 12	-	-	-	Not Occupied	-	-

A11 RADIO X4 (IOS/IOT/IOU+U2K)





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13583834
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BK)

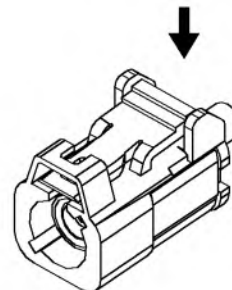
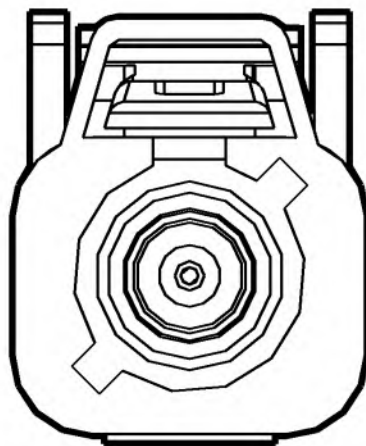
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-	-	Coax	-	(RFR) Coaxial Antenna RFA Signal	I	-

A11 RADIO X5 (IOS/IOT/IOU+U2K)

A11 RADIO X4 (IOS/IOT/IOU-UE1)



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13586874
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way F Coax Type (BU)

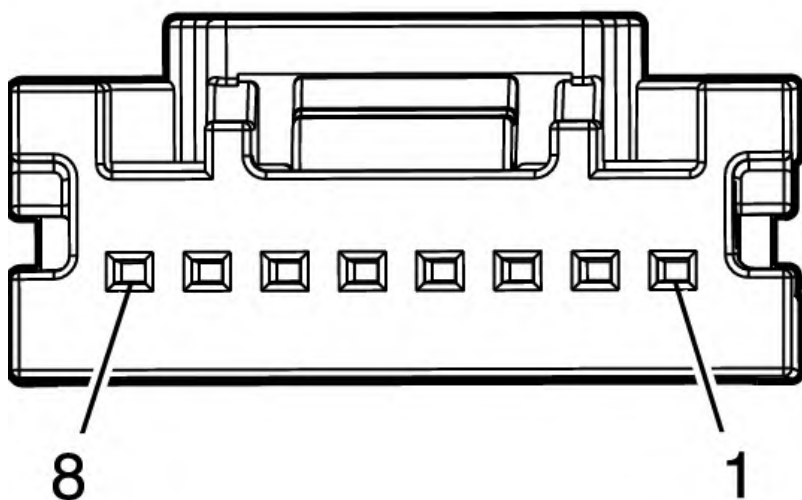
Terminal Part Information

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

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

A22 RADIO CONTROLS (IOB/IOR)

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Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 34791-5180
- Service Connector: 19354223
- Description: 8-Way F Mini 50 Series (BK)

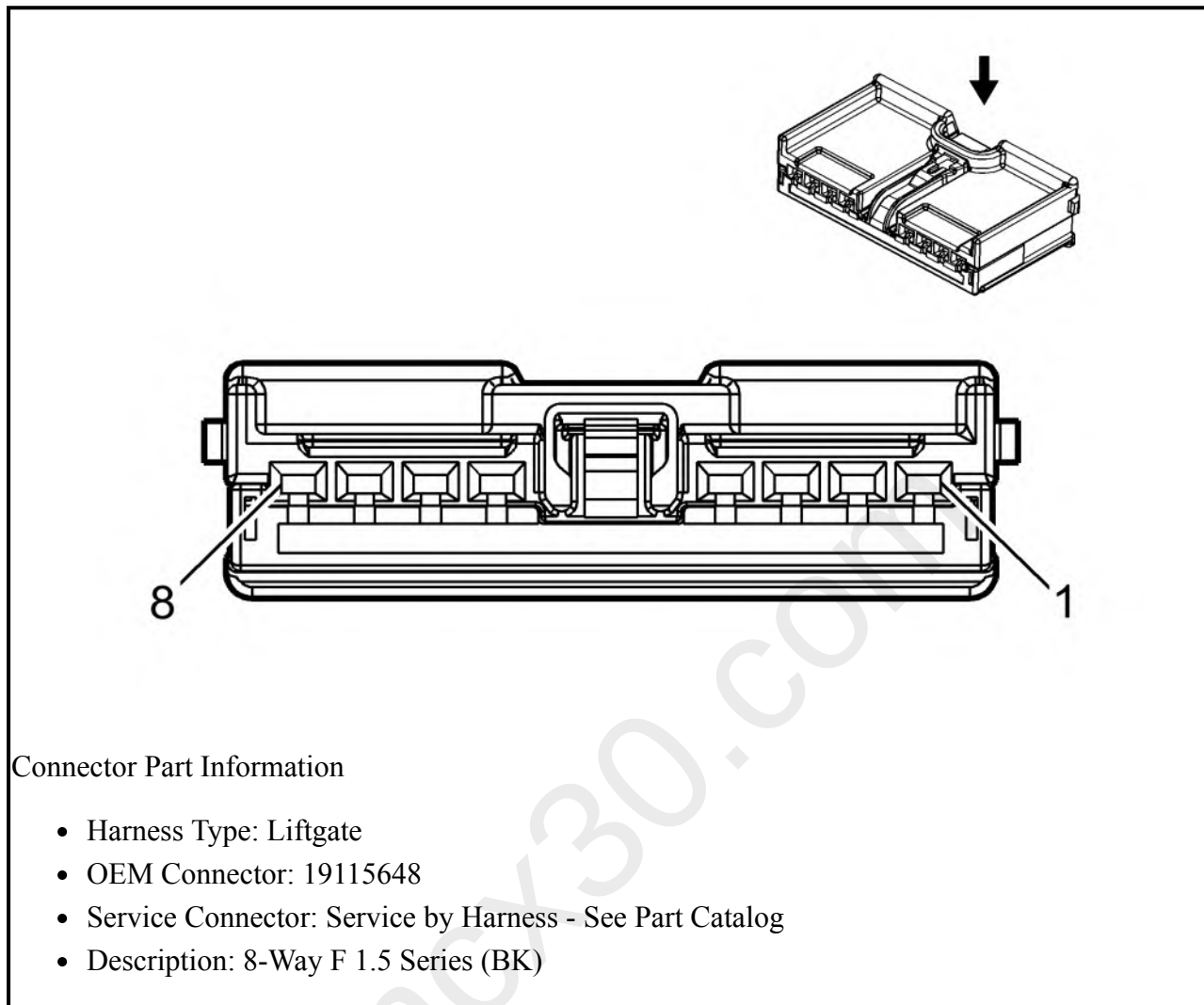
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35 0.35	BU/RD BN/WH	2807 2517	Radio Keypad Voltage Reference Keypad Red LED Control	I I	IOB IOR
2	0.35 0.35	GN/BK BU/RD	2805 2807	Radio Keypad Ground Return Radio Keypad Voltage Reference	I I	IOB IOR
3	0.35 0.35	VT/WH BN/WH	2810 2809	Radio Keypad Button Signal Radio Keypad Power Signal	I I	IOB IOR
4	0.35 0.35	BN/WH BK/YE	2809 2806	Radio Keypad Power Signal Radio Keypad Low Reference	I I	IOB IOR
5	0.35	BU/GY	2808	Radio Keypad Dimming Control	I	-
6	0.35 0.35	BU VT/WH	4315 2810	Radio Volume Up Signal Radio Keypad Button Signal	I I	IOB IOR
7	0.35 0.35	GY/BN BU	4314 4315	Radio Volume Down Signal Radio Volume Up Signal	I I	IOB IOR

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.35 0.35	BK/YE GY/BN	2806 4314	Radio Keypad Low Reference Radio Volume Down Signal	I I	IOB IOR

A23C LIFTGATE LATCH ASSEMBLY (TB5/TC2)



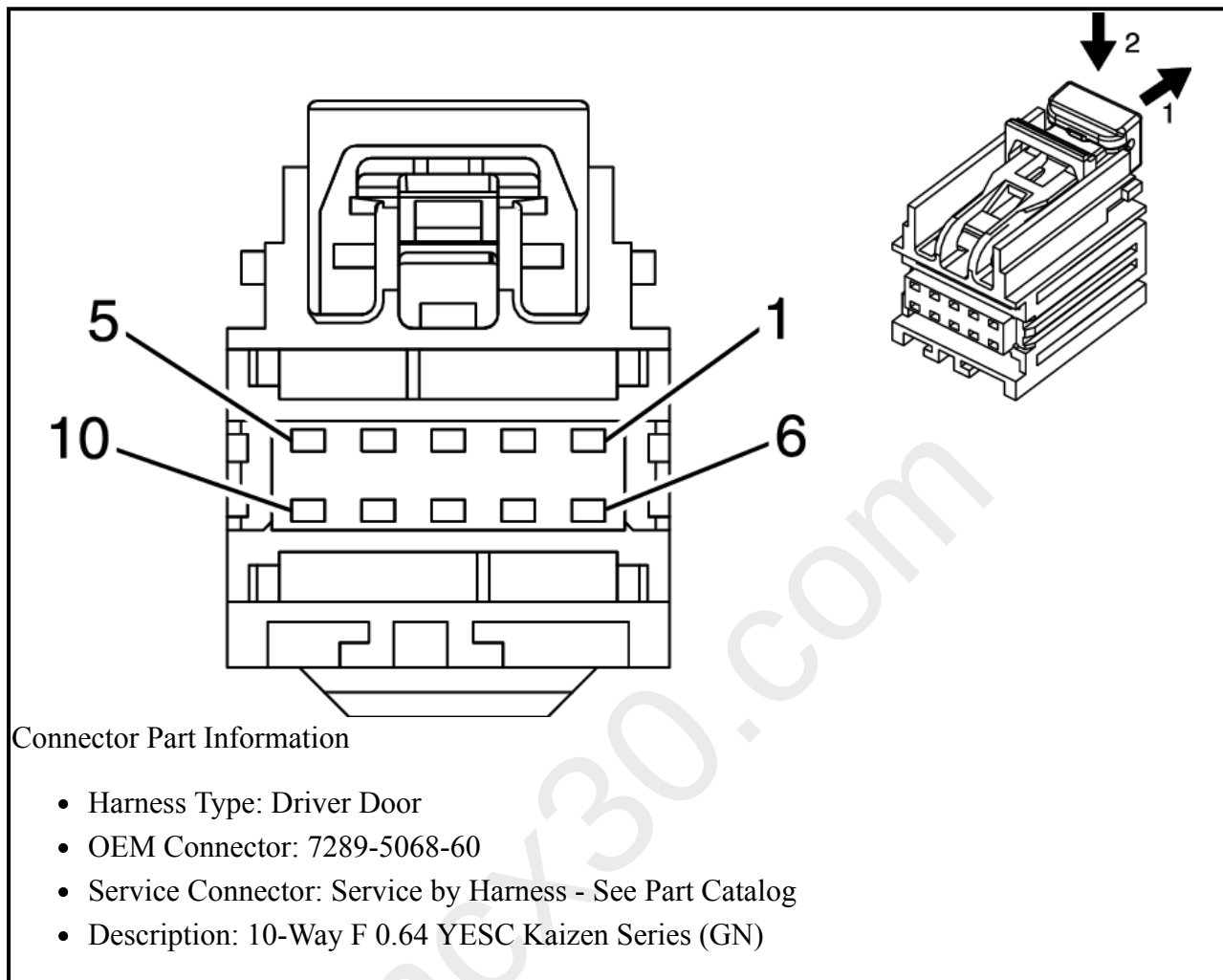
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-14 (GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-2A (GY)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	4668	Rear Closure Ajar Switch Signal 3	I	TB5/TC2
2	0.35	GN/BK	4659	Rear Closure Open	II	TB5/TC2
3	0.35	GY/VT	4678	Rear Closure Ajar Switch Signal 1	II	TB5/TC2
4	0.35	BU/YE	4679	Rear Closure Motor Release Control 2	II	TB5/TC2
5	-	-	-	Not Occupied	-	-
6	0.35	BK/VT	4656	Rear Closure Object Sensor Low Reference	II	TB5/TC2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
7	1	BN	4681	Rear Closure Cinch Latch Motor Open Control	I	TB5/TC2
8	1	BU/GY	4682	Rear Closure Cinch Latch Motor Close Control	I	TB5/TC2

A23D DOOR LATCH ASSEMBLY - DRIVER



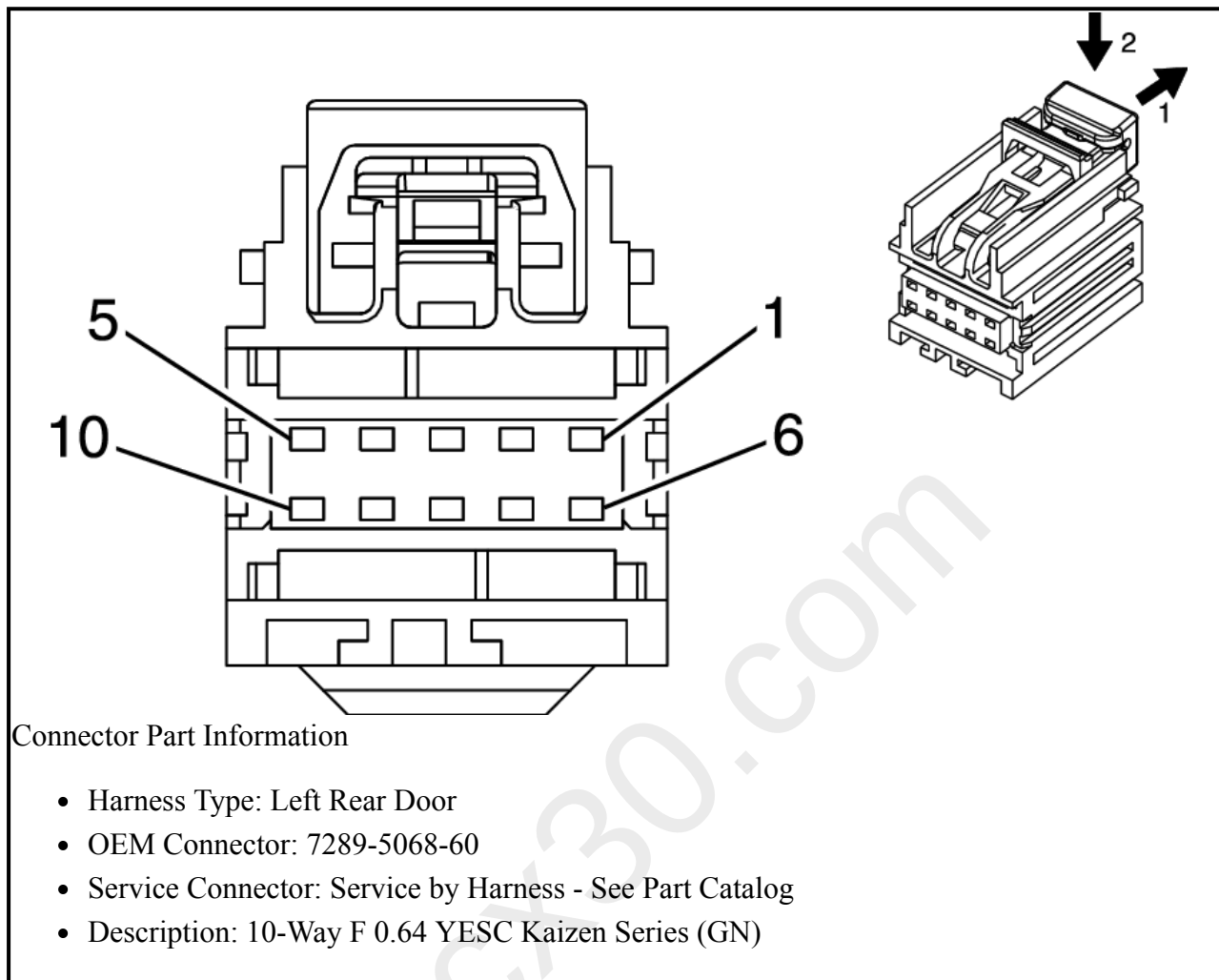
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	745	Left Front Door Ajar Switch Signal	I	AXG
2	0.35	WH/YE	3574	Driver Door Open Switch Signal	I	-
3	0.5	BK	1550	Ground	I	-
4	0.35	WH/VT	3270	Driver Door Lock Motor Status Signal	I	-
5	0.35	BU/VT	1124	Door Lock Key Switch Unlock Signal	I	-
6	-	-	-	Not Occupied	-	-
7	0.75	BU/WH	195	Door Lock Control	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23LR DOOR LATCH ASSEMBLY - LEFT REAR

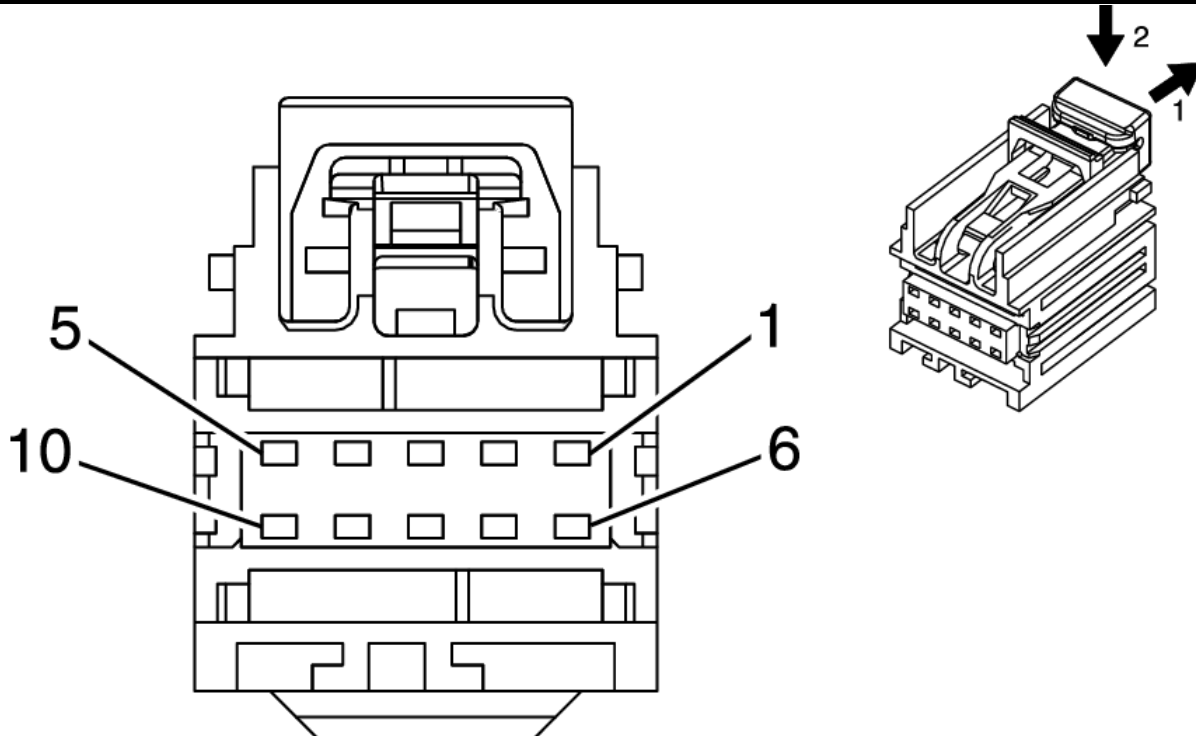


Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY	747	Left Rear Door Ajar Switch Signal	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	BK	1550	Ground	I	-
4 - 6	-	-	-	Not Occupied	-	-
7	0.75	GY	295	Door Lock Actuator Lock Control	I	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9 - 10	-	-	-	Not Occupied	-	-

A23P DOOR LATCH ASSEMBLY - PASSENGER



Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 7289-5068-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

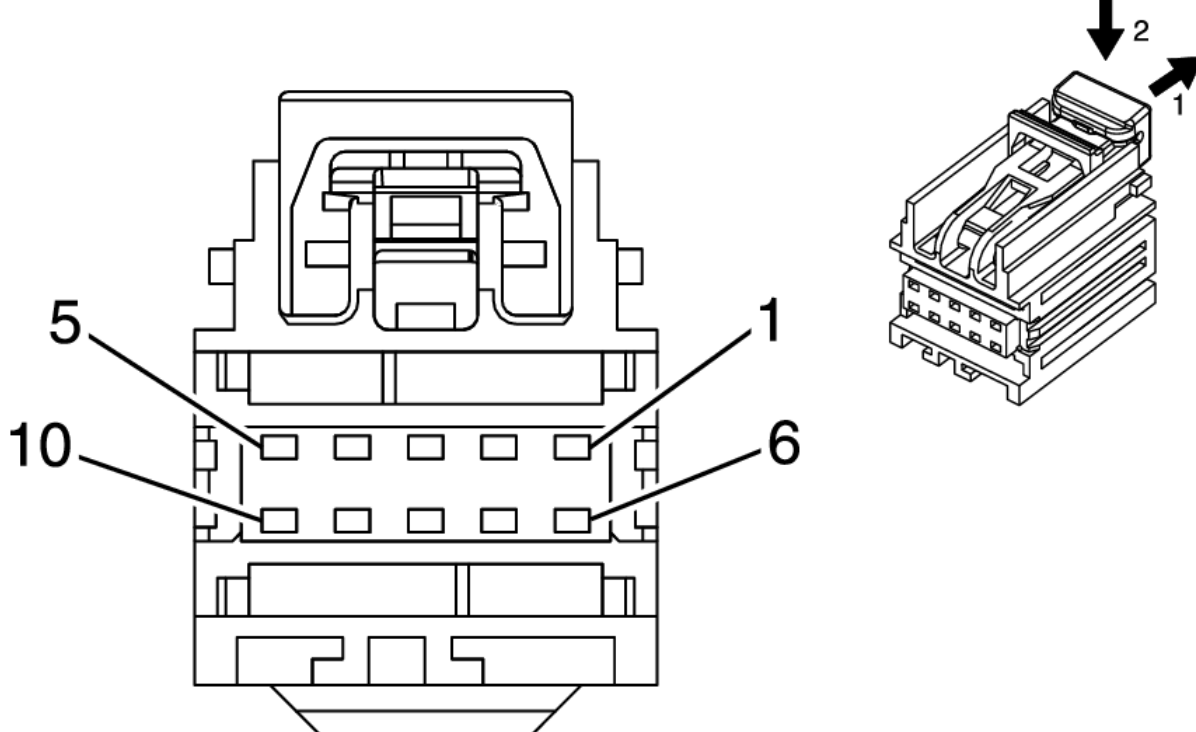
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	-	-	Not Occupied	-	-
2	0.35	VT	4009	Passenger Door Lock Status	I	-
3	0.35	BK	2050	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	746	Right Front Door Ajar Switch Signal	I	AED
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A23RR DOOR LATCH ASSEMBLY - RIGHT REAR





Connector Part Information

- Harness Type: Right Rear Door
- OEM Connector: 7289-5068-60
- Service Connector: Service by Harness - See Part Catalog
- Description: 10-Way F 0.64 YESC Kaizen Series (GN)

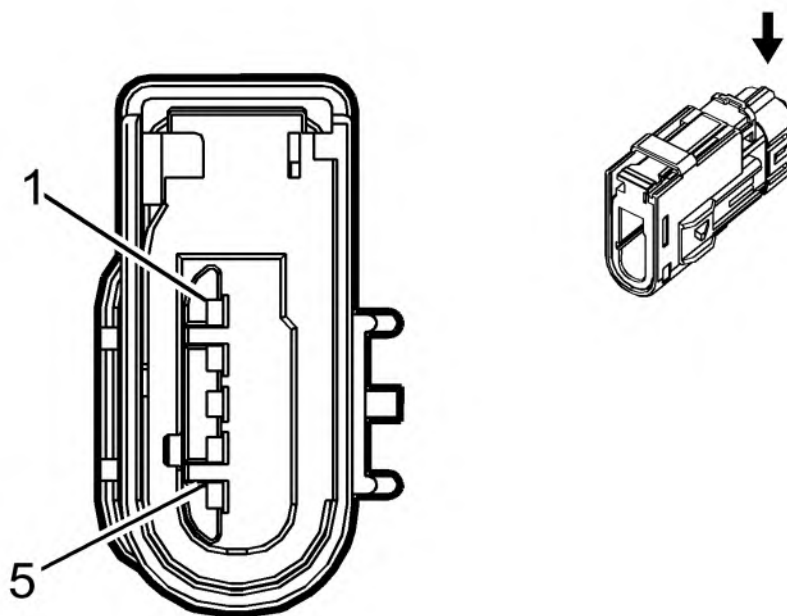
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	BK	2050	Ground	I	-
4	-	-	-	Not Occupied	-	-
5	0.35	GY	748	Right Rear Door Ajar Switch Signal	I	-
6 - 7	-	-	-	Not Occupied	-	-
8	0.75	BN/YE	294	Door Lock Actuator Unlock Control	I	-
9	0.75	GY	295	Door Lock Actuator Lock Control	I	-
10	-	-	-	Not Occupied	-	-

A24D DOOR HANDLE ASSEMBLY - DRIVER EXTERIOR





Connector Part Information

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

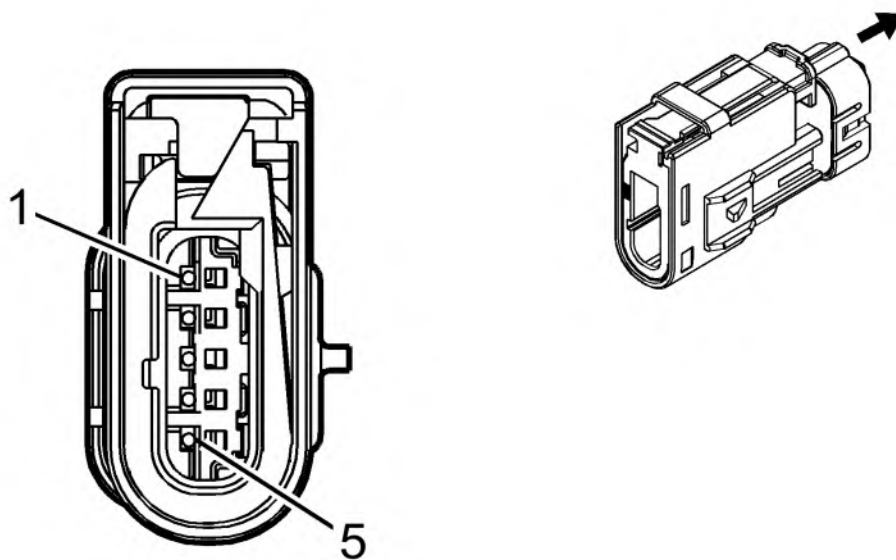
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GN/WH	3570	Driver Door Handle Switch Signal	I	-
2	0.35	VT	3560	Passive Entry Driver Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	VT/GY	3561	Passive Entry Driver Door Antenna Signal Lo	I	-
5	0.35	BK	1550	Ground	I	-

A24LR DOOR HANDLE ASSEMBLY - LEFT REAR EXTERIOR





Connector Part Information

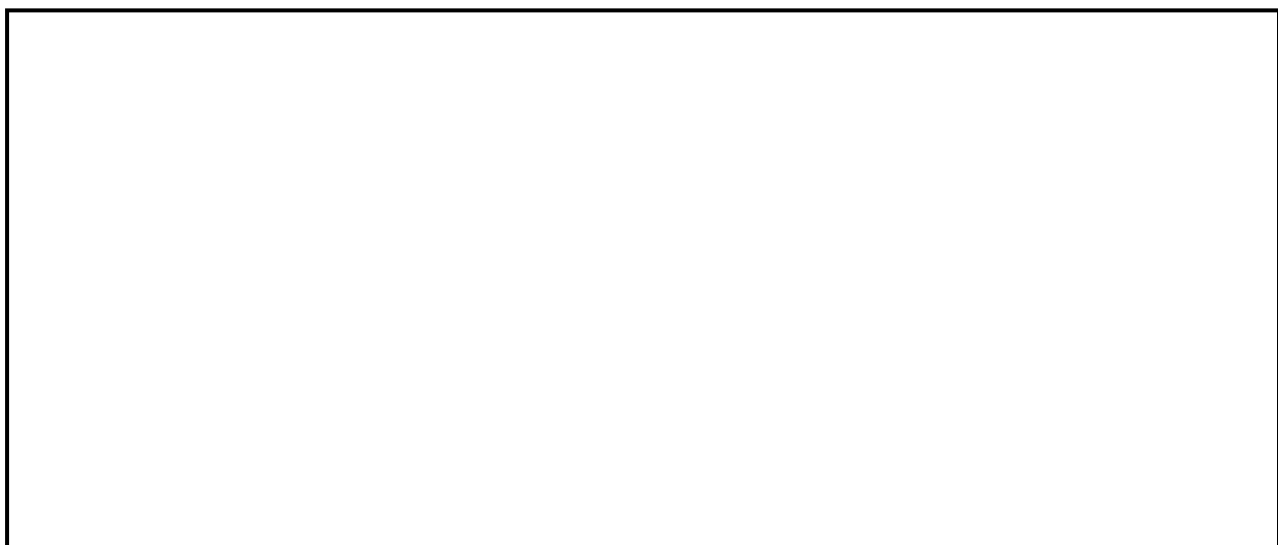
- Harness Type: Left Rear Door
- OEM Connector: 13519367
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

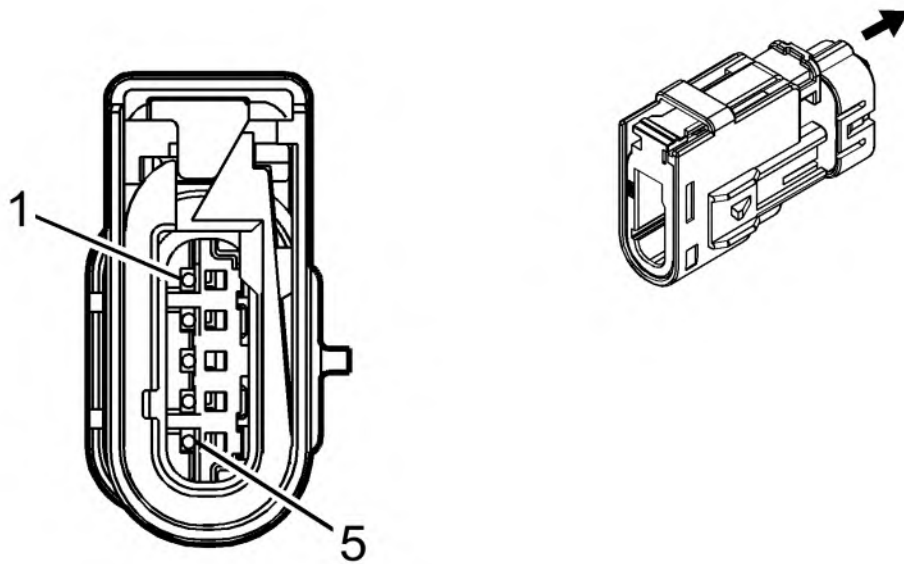
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (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	BN/YE	6157	Left Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.35	BK	1550	Ground	I	-

A24P DOOR HANDLE ASSEMBLY - PASSENGER EXTERIOR





Connector Part Information

- Harness Type: Passenger Door
- OEM Connector: 13519366
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (NA)

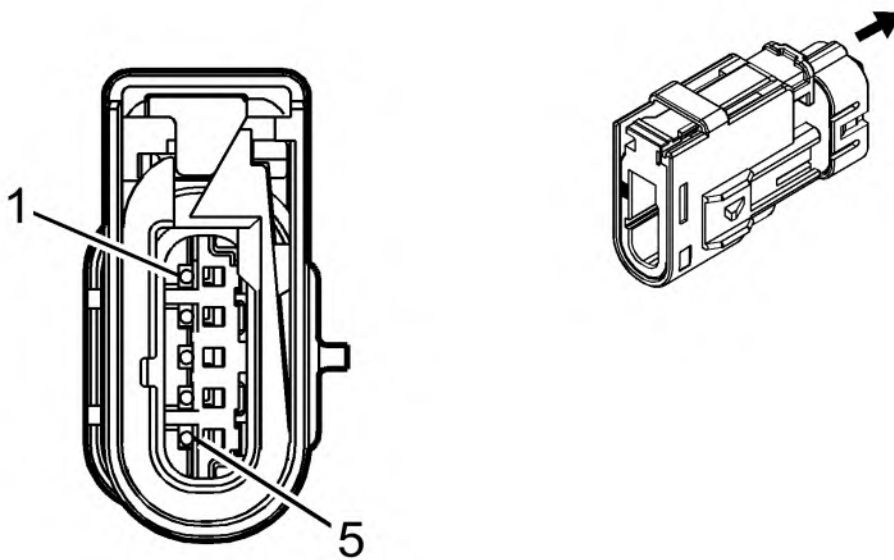
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (LT GN)	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	VT/WH	3571	Passenger Door Handle Switch Signal	I	-
2	0.35	GN/YE	3562	Passive Entry Passenger Door Antenna Signal Hi	I	-
3	-	-	-	Not Occupied	-	-
4	0.35	GN/BK	3563	Passive Entry Passenger Door Antenna Signal Lo	I	-
5	0.35	BK	2050	Ground	I	-

A24RR DOOR HANDLE ASSEMBLY - RIGHT REAR EXTERIOR





Connector Part Information

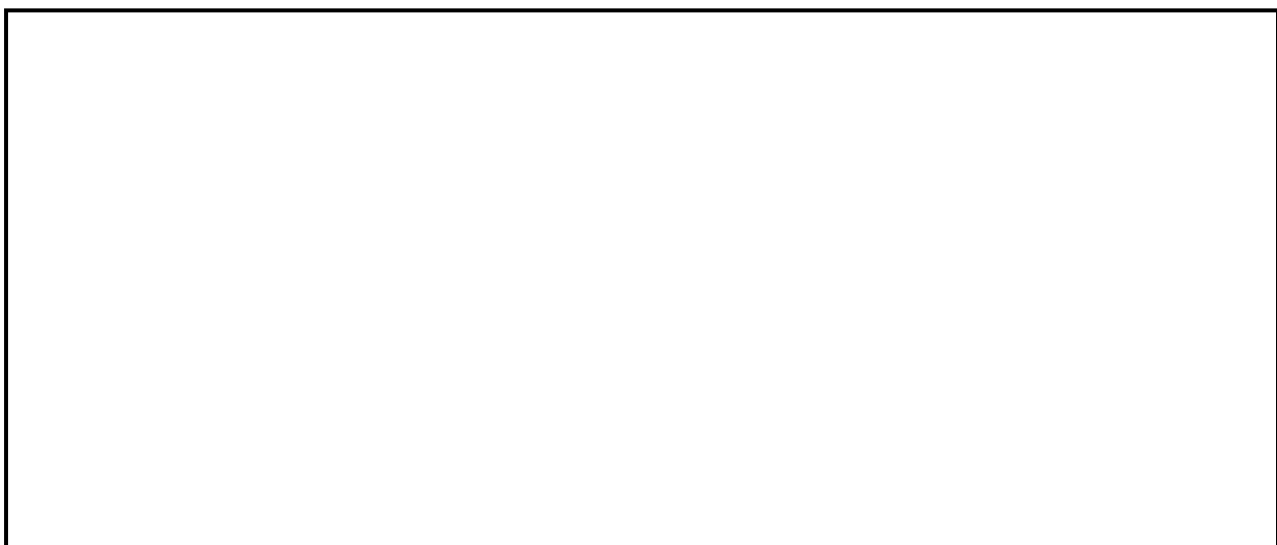
- Harness Type: Right Rear Door
- OEM Connector: 13519367
- Service Connector: Service by Harness - See Part Catalog
- Description: 5-Way M 1.2 Series, Sealed (BK)

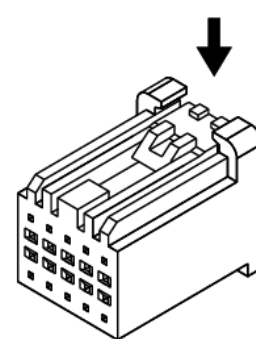
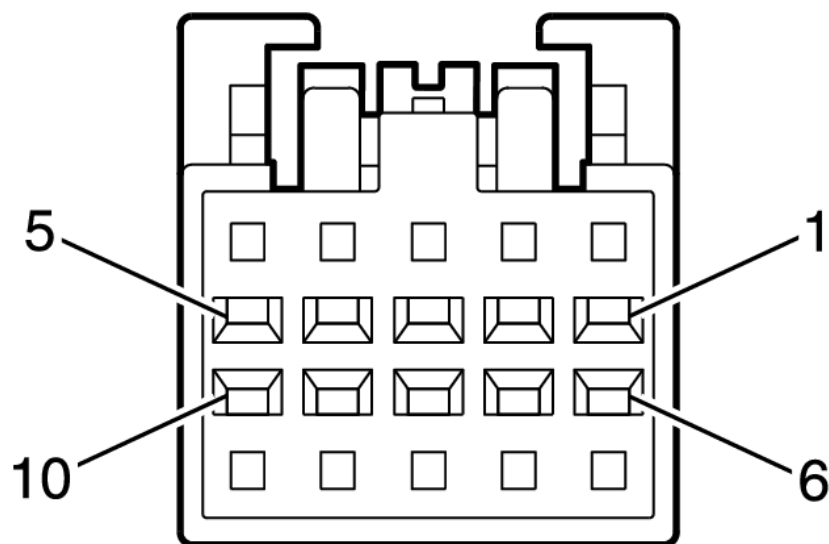
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-17 (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/GY	6158	Right Rear Door Handle Switch Signal	I	-
2 - 4	-	-	-	Not Occupied	-	-
5	0.35	BK	2050	Ground	I	-

A26 HVAC CONTROLS





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13581139
- Service Connector: 13581139
- Description: 10-Way F 0.64 Kaizen Series (GY)

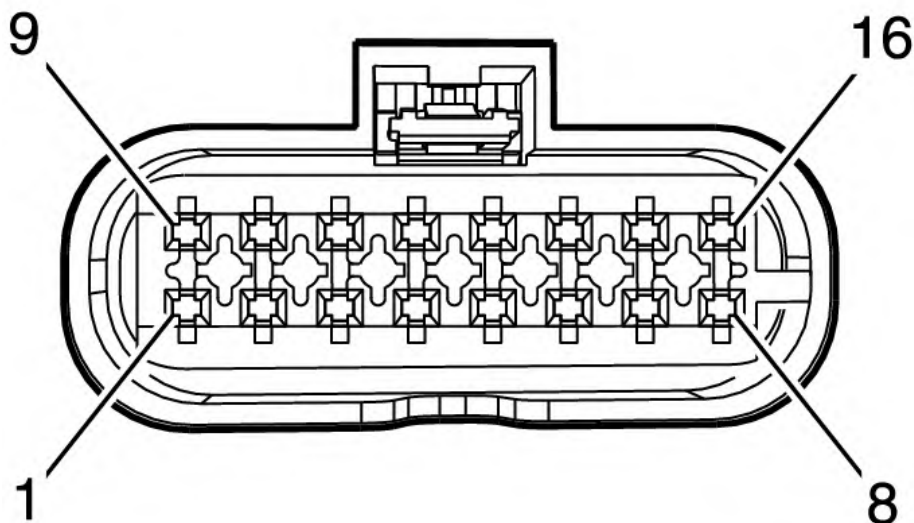
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	2540	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	GN	5060	Low Speed GMLAN Serial Data	I	-
4 - 8	-	-	-	Not Occupied	-	-
9	0.35	GN/YE	7531	Local Interconnect Network Serial Data Bus 9	I	-
10	0.35	BK	1750	Ground	I	-

A39 REDUCTANT FLUID RESERVOIR ASSEMBLY (LH7)





Connector Part Information

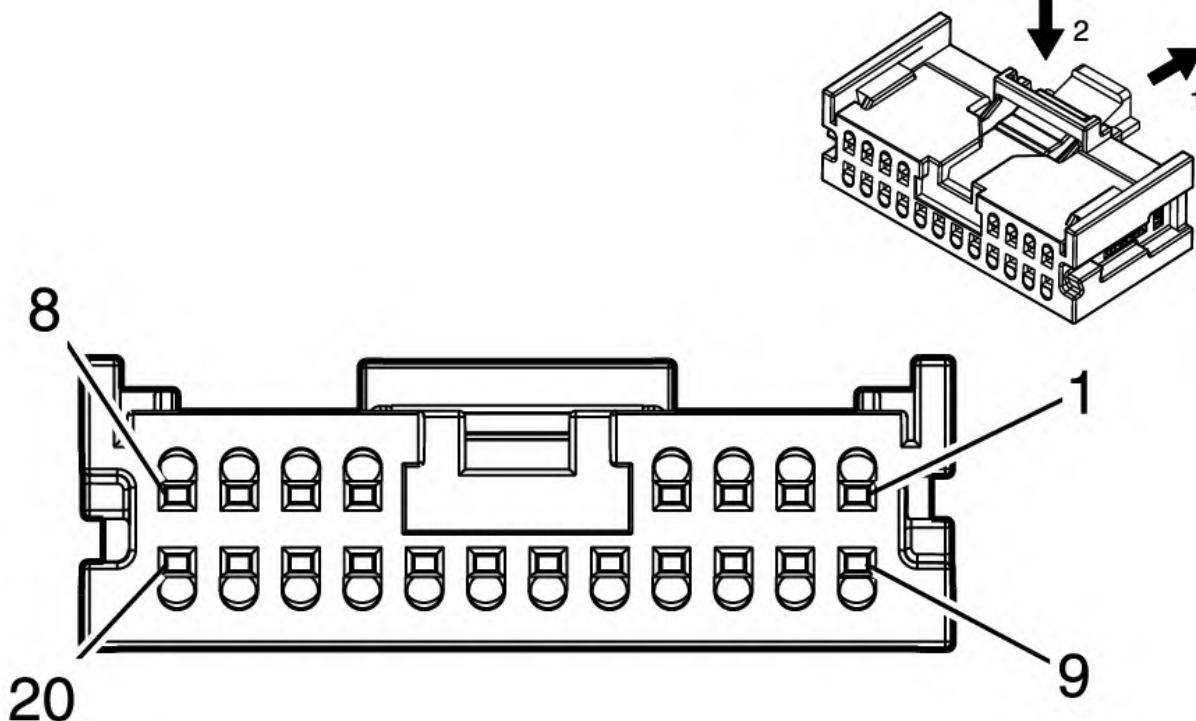
- Harness Type: Reductant
- OEM Connector: 805-587-541
- Service Connector: Service by Harness - See Part Catalog
- Description: 16-Way F 1.2 Multilock Series (BK)

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	0.5	BK/WH	9001	Temperature Sensor Signal	I	-
2	0.5	BK	9002	Temperature Sensor Ground	I	-
3	0.5	BK/WH	9003	Pressure Sensor Ground	I	-
4	0.5	BK	9004	Pressure Sensor Signal	I	-
5	0.5	BK	9005	Pressure Sensor Supply	I	-
6	0.5	BK/WH	9006	Level Sensor Ground	I	-
7	1	GY/WH	9007	Pump Phase A	I	-
8	1	YE/GY	9008	Pump Phase B	I	-
9	1	GY/WH	9009	Tank Heater Supply	I	-
10	-	-	-	Not Occupied	-	-
11	1	BK/WH	9010	Tank Heater Ground	I	-
12	-	-	-	Not Occupied	-	-
13	0.5	BK	9012	Level Sensor Supply	I	-
14	0.5	BK	9013	Level Sensor Signal	I	-
15	0.5	BK	9014	Pump Ground	I	-
16	0.5	BK	9015	Pump Phase C	I	-

A97 TRANSMISSION RANGE SELECTOR CONTROLS (EPH)



Connector Part Information

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

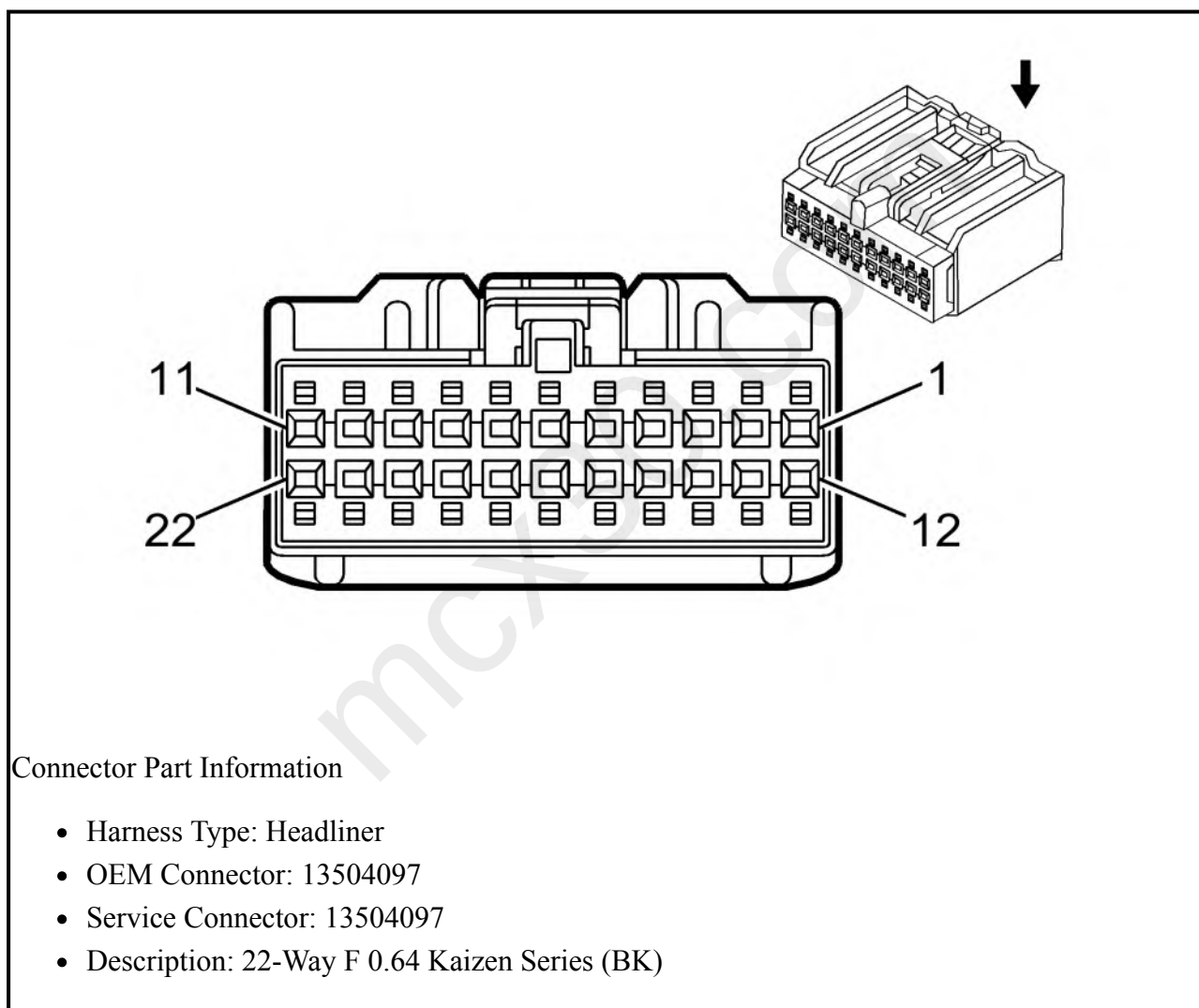
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
2	0.35	BU/BK	7493	High Speed GMLAN Serial Data (+) 3	I	-
3	0.35	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
4	0.35	WH	7494	High Speed GMLAN Serial Data (-) 3	I	-
5	0.35	BU/BN	4498	High Speed GMLAN Serial Data (+) 7	I	-
6	0.35	BU/BN	4498	High Speed GMLAN Serial Data (+) 7	I	-
7	0.35	WH	4499	High Speed GMLAN Serial Data (-) 7	I	-
8	0.35	WH	4499	High Speed GMLAN Serial Data (-) 7	I	-
9	0.35	RD/BN	440	Battery Positive Voltage	I	EPH
10	-	-	-	Not Occupied	-	-
11	0.13	VT/YE	5526	Tap Up/Tap Down Switch Signal	I	EPH
12	0.35	BK	2250	Ground	I	EPH

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
13	-	-	-	Not Occupied	-	-
14	0.35	BU/BN	4498	High Speed GMLAN Serial Data (+) 7	I	-
15	0.35	WH	4499	High Speed GMLAN Serial Data (-) 7	I	-
16	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
17	0.35	VT/GN	39	Run/Crank Ignition 1 Voltage	I	EPH
18	0.35	VT/YE	5985	Accessory Wakeup Serial Data	I	-
19	-	-	-	Not Occupied	-	-
20	0.35	BK	1650	Ground	I	EPH

A98 FRONT OVERHEAD CONSOLE ASSEMBLY



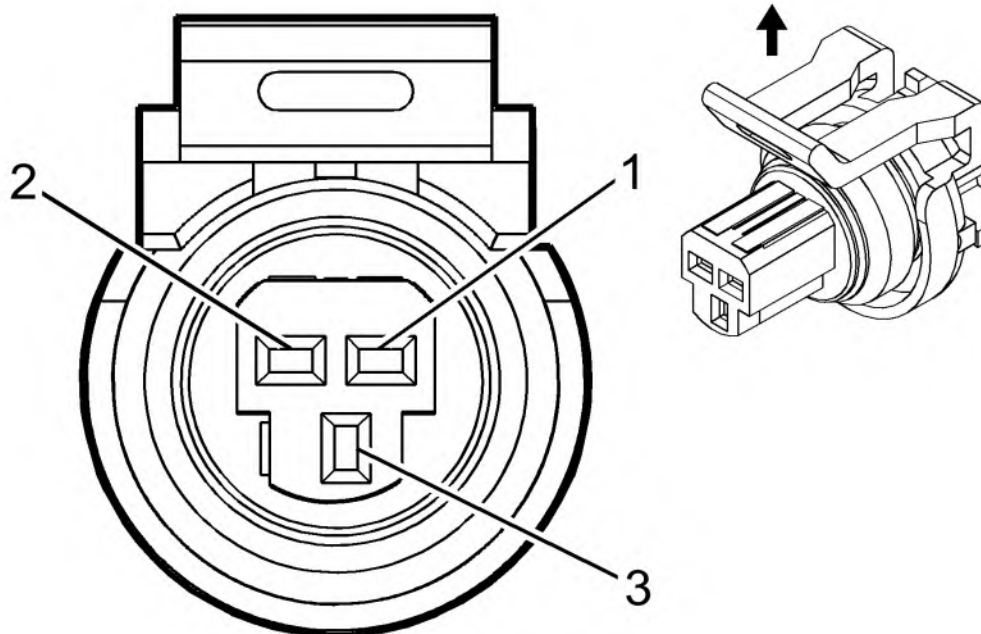
Terminal Part Information

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	13575742	J-35616-64B (LT BU)	J-38125-215A	SAIT-A03T-M064	Yazaki 14	P	P

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	RD/BU	2540	Battery Positive Voltage	II	-
2	0.35	WH/YE	7557	LED Ambient Lighting Control 1	II	-
3	0.13	GY	156	Courtesy Lamp Switch Signal	I	-
4	0.35	BK/BU	5307	Front Sunshade Switch Low Reference	II	C3U
5	0.35	BK	2050	Ground	II	-
6	-	-	-	Not Occupied	-	-
7	0.35	WH/BN	6815	Inadvertent Power Control	II	-
8	0.5	GY	157	Interior Lamp Control	II	-
9	0.35	BU/VT	5027	Sunroof Switch Data 1 Signal	II	C3U
10	0.35	BU/GY	3032	Front Sunshade Switch Signal	II	C3U
11	0.35	GN	2308	Passenger Air Bag Off Indicator Control	II	AL0
12	0.35	BU	2307	Passenger Air Bag On Indicator Control	II	AL0
13	0.35	VT/WH	5234	Passenger Seat Belt Indicator Control	II	AL0/UHH/UHG
14	0.35	BN/WH	2517	Keypad Red LED Control	II	UE1
15	0.35	YE/VT	2516	Keypad Green LED Control	II	UE1
16	0.35	GN/BK	2515	Keypad Control	II	UE1
17	0.35	GN/WH	2514	Keypad Signal	II	UE1
18	0.35	WH	6816	Indicator Dimming Control	II	-
19	0.35	BU/GY	4672	Dome Lamp Off Indicator Control	II	-
20	0.35	BK/GY	128	Sunroof Switch Low Reference	II	C3U
21	0.13	GY/GN	328	Interior Lamp Defeat Switch Signal	I	-
22	0.35	YE	6817	LED Backlight Dimming Control	II	-

B1 A/C REFRIGERANT PRESSURE SENSOR

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Connector Part Information

- Harness Type: Cooling Fan
- OEM Connector: 19210607
- Service Connector: Service by Harness - See Part Catalog
- Description: 3-Way F 150 GT Series, Sealed (BK)

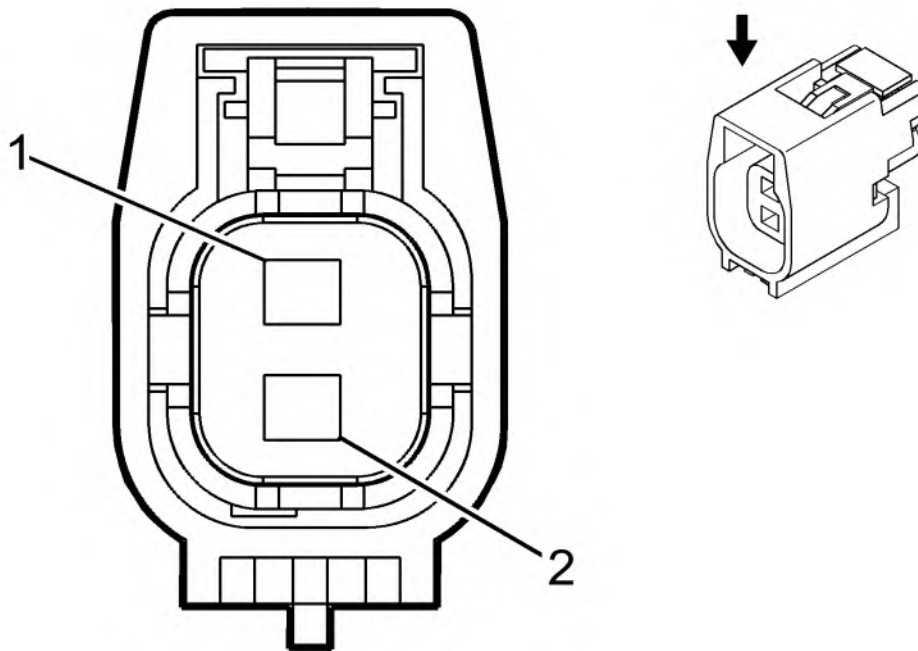
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	BK/GN	580	Engine Control Sensors Low Reference (2)	I	-
2	0.35	BN/RD	2700	A/C Pressure Sensor 5V Reference	I	-
3	0.35	GN	380	A/C Refrigerant Pressure Sensor Signal	I	-

B5LF WHEEL SPEED SENSOR - LEFT FRONT

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Connector Part Information

- Harness Type: Body
- OEM Connector: 19153615
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

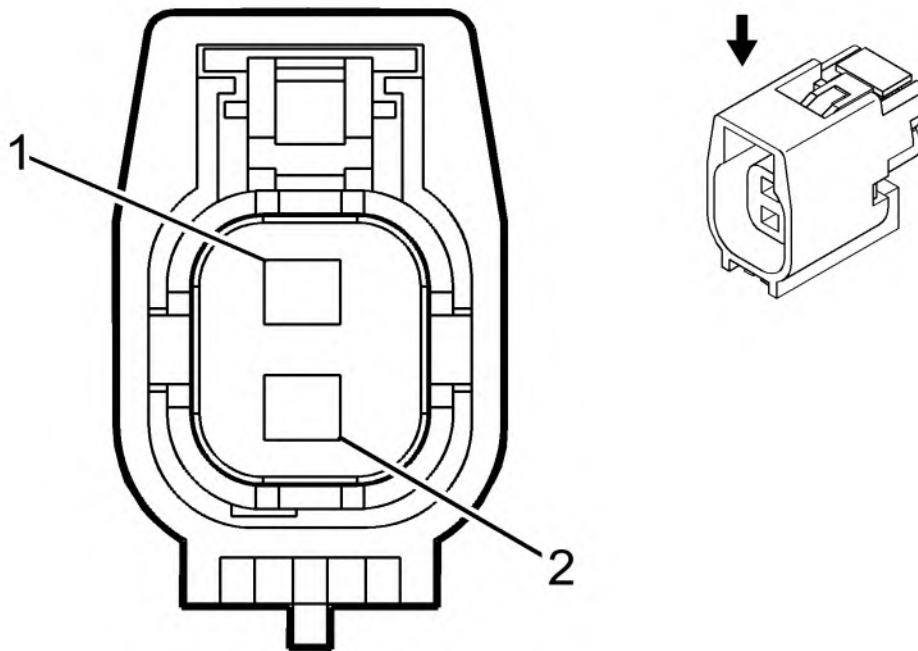
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/WH	7064	Wheel Speed Sensor Control Left Front	I	-
2	0.35	GY	830	Wheel Speed Sensor Signal Left Front	I	-

B5LR WHEEL SPEED SENSOR - LEFT REAR





Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 19153615
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

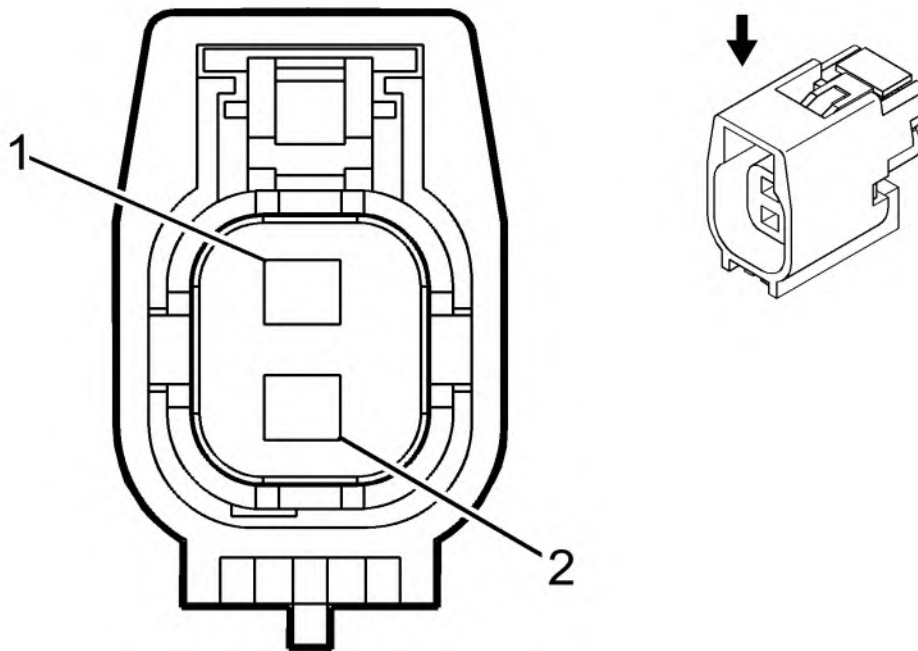
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BK	7127	Wheel Speed Sensor Control Left Rear	I	-
2	0.35	BU	884	Wheel Speed Sensor Signal Left Rear	I	-

B5RF WHEEL SPEED SENSOR - RIGHT FRONT





Connector Part Information

- Harness Type: Body
- OEM Connector: 19153615
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

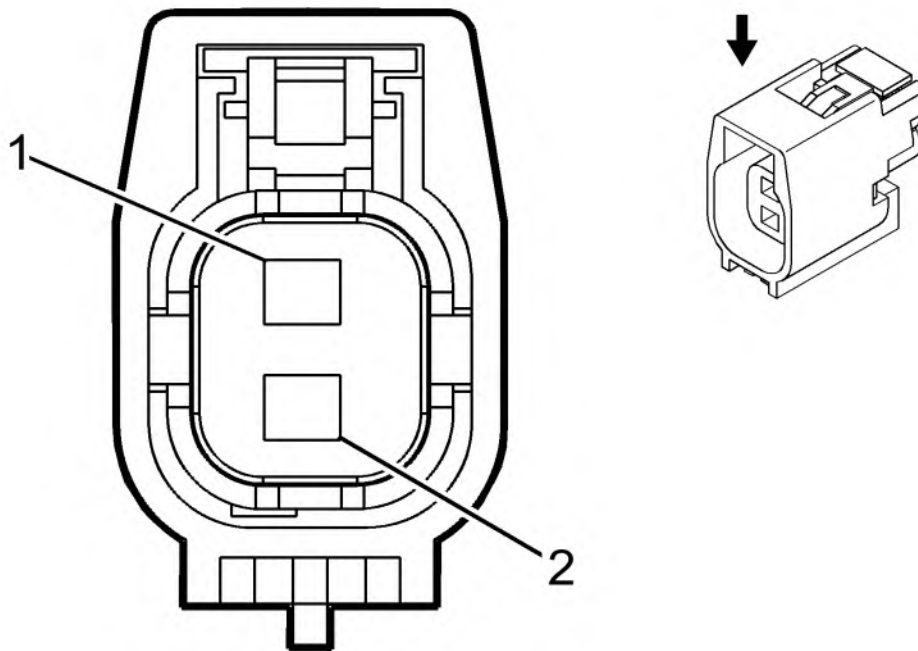
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/BN	7065	Wheel Speed Sensor Control Right Front	I	-
2	0.35	YE	872	Wheel Speed Sensor Signal Right Front	I	-

B5RR WHEEL SPEED SENSOR - RIGHT REAR





Connector Part Information

- Harness Type: Rear Axle
- OEM Connector: 19153615
- Service Connector: 13586115
- Description: 2-Way F 1.5 GT Series, Sealed (BK)

Terminal Part Information

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

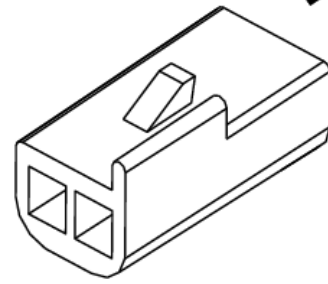
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	GY/YE	7128	Wheel Speed Sensor Control Right Rear	I	-
2	0.35	VT	882	Wheel Speed Sensor Signal Right Rear	I	-

B7D AIR TEMPERATURE SENSOR - DUCT LEFT LOWER (CJ2/C4P)



A

B



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

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

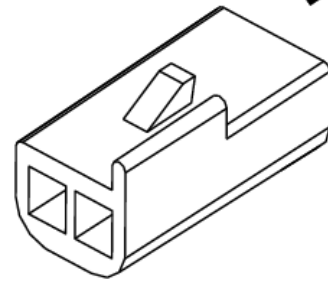
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU	404	Upper Air Temperature Sensor Signal	I	C4P
	0.35	BU	518	Lower Left Air Temperature Sensor Signal	I	CJ2
B	0.35	BK	1791	Air Temperature Door Control Low Reference	I	-

B7E AIR TEMPERATURE SENSOR - DUCT RIGHT LOWER (CJ2)



A

B



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

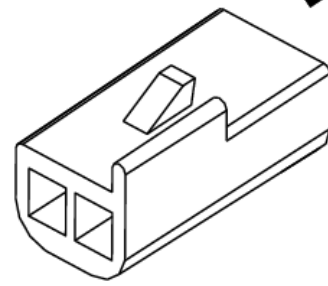
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	WH/VT	520	Lower Right Air Temperature Sensor Signal	I	-
B	0.35	BK	1791	Air Temperature Door Control Low Reference	I	-

B7H AIR TEMPERATURE SENSOR - DUCT LEFT UPPER (CJ2/C4P)

A

B



Connector Part Information

- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

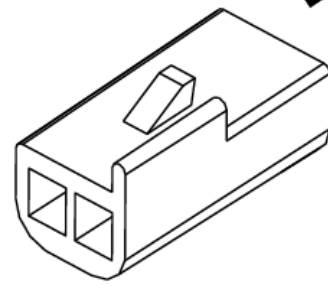
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	GY/GN	516	Upper Left Air Temperature Sensor Signal	I	-
B	0.35	BK	1791	Air Temperature Door Control Low Reference	I	-

B7J AIR TEMPERATURE SENSOR - DUCT RIGHT UPPER (CJ2)

A

B



Connector Part Information

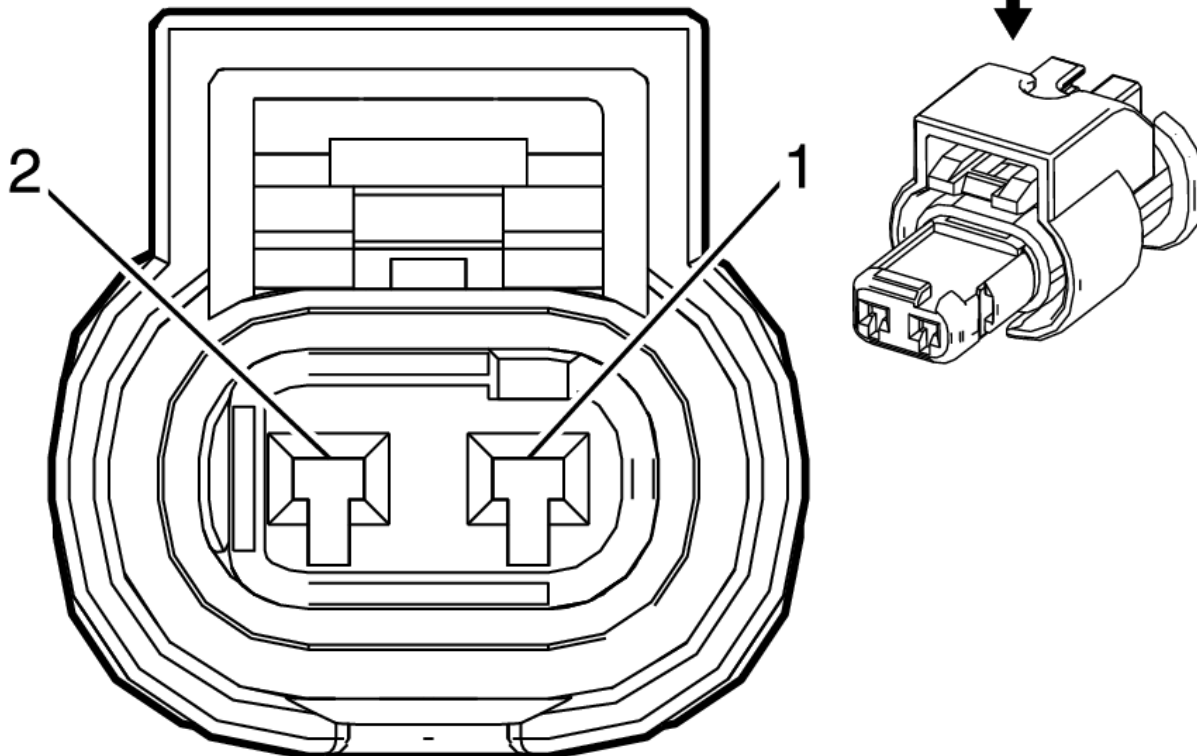
- Harness Type: HVAC
- OEM Connector: 12047662
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 150 Metri-Pack Series (BK)

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	VT/GY	517	Upper Right Air Temperature Sensor Signal	I	-
B	0.35	BK	1791	Air Temperature Door Control Low Reference	I	-

B9 AMBIENT AIR TEMPERATURE SENSOR



Connector Part Information

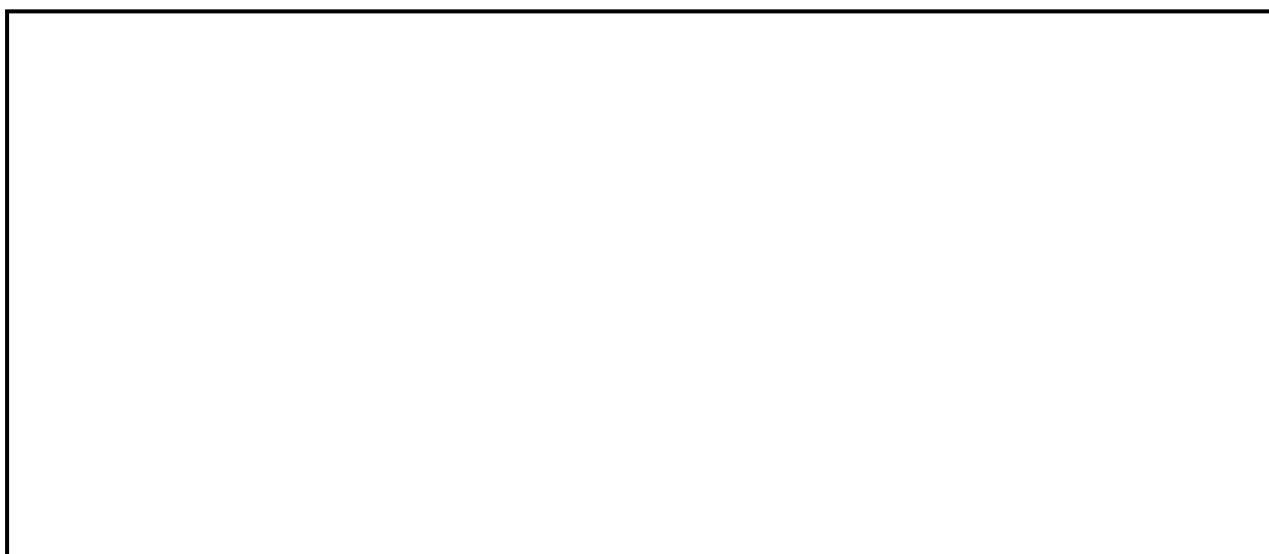
- Harness Type: Forward Lamp
- OEM Connector: 13586143
- Service Connector: 19329415
- Description: 2-Way F 1.2 MCP Series, Sealed (BK)

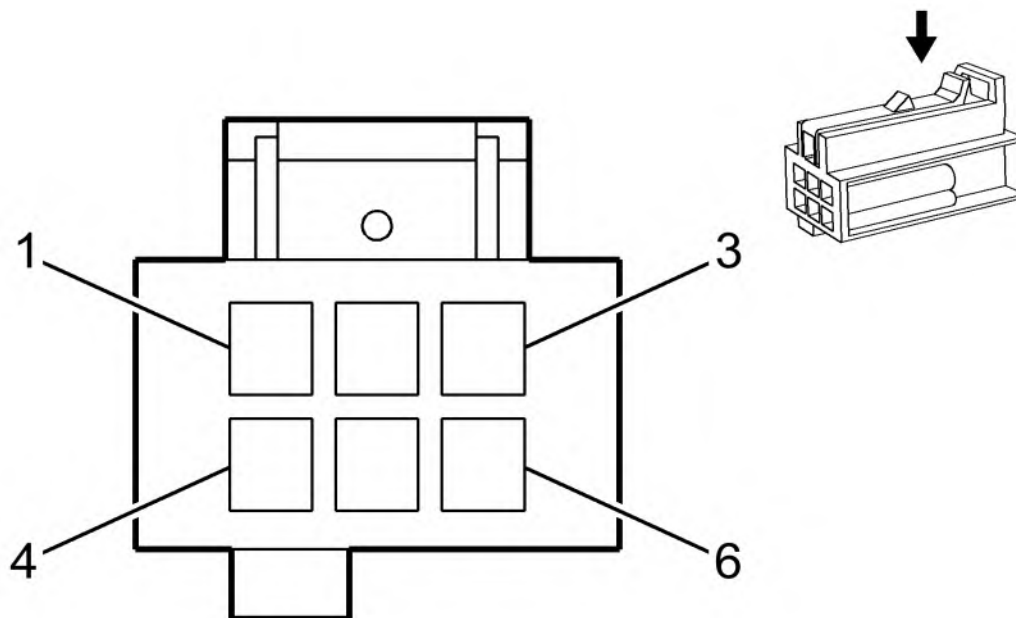
Terminal Part Information

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	0.35	BU/GY	636	Outside Ambient Air Temperature Sensor Signal	I	-
2	0.35	BK/GN	580	Engine Control Sensors Low Reference (2)	I	-

B10B AMBIENT LIGHT/SUNLOAD SENSOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13590886
- Service Connector: 19333315
- Description: 6-Way F 0.64 Micro-Quadlock Series (BK)

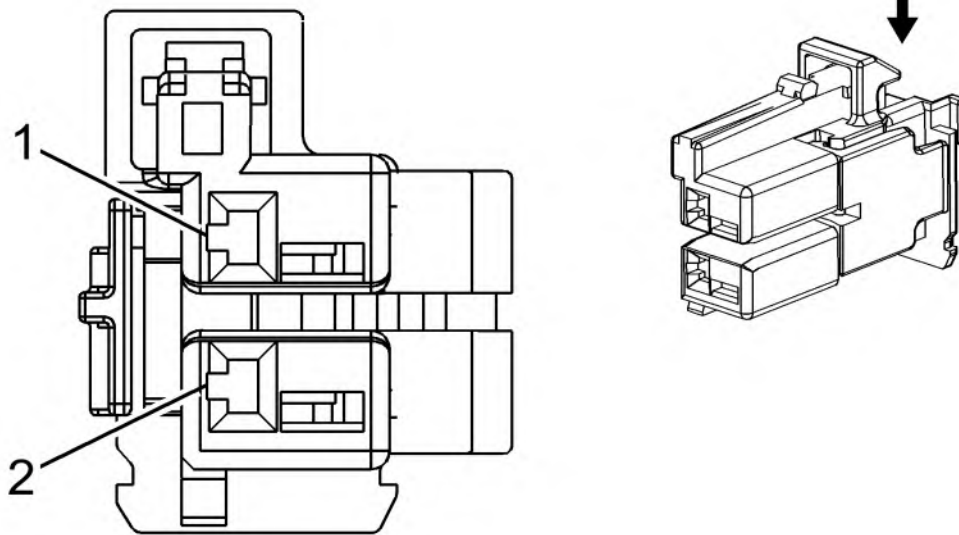
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.13	GY	590	Solar Sensor Driver Signal	I	-
2	0.35	GN/WH	4115	Local Interconnect Network Serial Data Bus 15	I	-
3	0.35	WH/BU	278	Ambient Light Sensor Signal	I	-
4	0.13	BU/WH	734	Inside Air Temperature Sensor Signal	I	-
5	0.35	GY	728	Security Indicator Control	I	C67/C4P
	0.35	RD/GN	742	Battery Positive Voltage	I	CJ2-UE1-UE3
6	0.13	BK/GN	7567	Solar Sensor Low Reference	I	CJ2/C4P
	0.35	BK	1650	Ground	I	CJ2-UE1

B14A TRANSMISSION OUTPUT SHAFT SPEED SENSOR (M3D/M3H/M3U)





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2203696-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (NA)

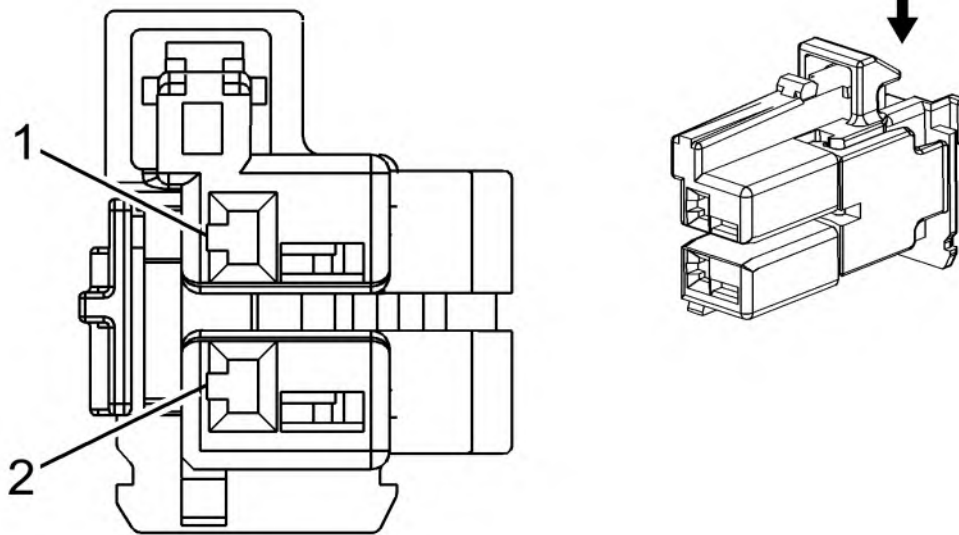
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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/GN	4170	Transmission Position Sensor B 9V Reference	I	M3D
	0.5	BN/WH	4171	Transmission Position Sensor A 9V Reference	I	M3H/M3U
2	0.5	GY/BU	6358	Output Speed Signal	I	M3D/M3H/M3U

B14A TRANSMISSION OUTPUT SHAFT SPEED SENSOR (M3D/M3H/M3U)





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2203696-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 2-Way F 1.2 MCON Series (NA)

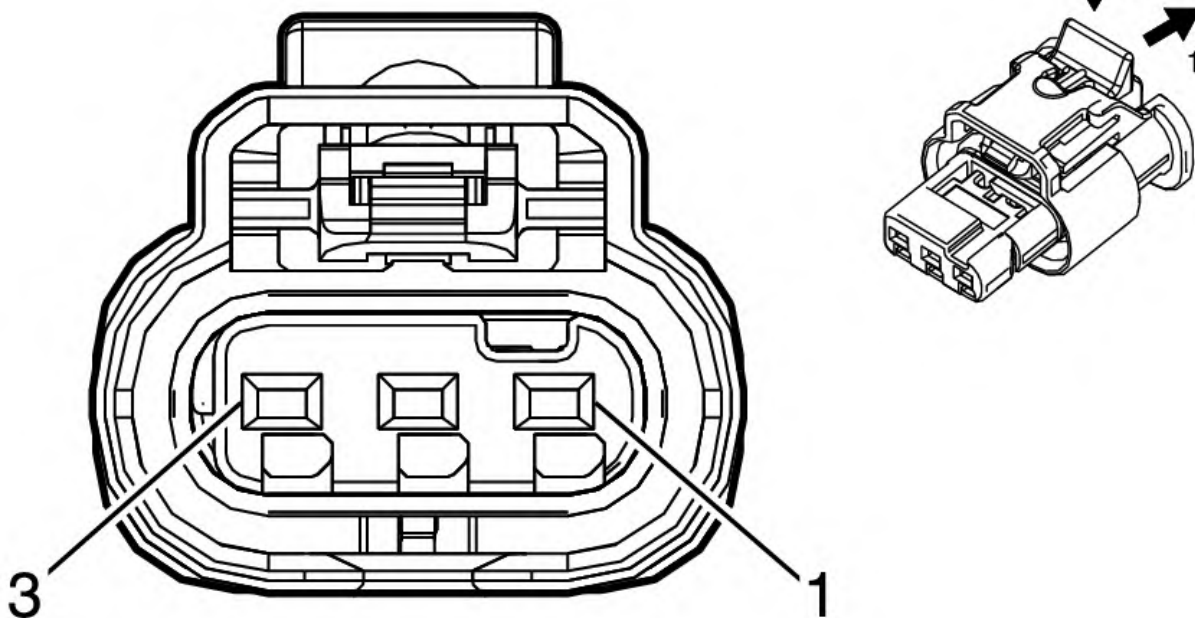
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	J-35616-16 (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/GN	4170	Transmission Position Sensor B 9V Reference	I	M3D
	0.5	BN/WH	4171	Transmission Position Sensor A 9V Reference	I	M3H/M3U
2	0.5	GY/BU	6358	Output Speed Signal	I	M3D/M3H/M3U

B14E TRANSMISSION INPUT/INTERMEDIATE SHAFT SPEED SENSOR (M3D/M3H/M3U)





Connector Part Information

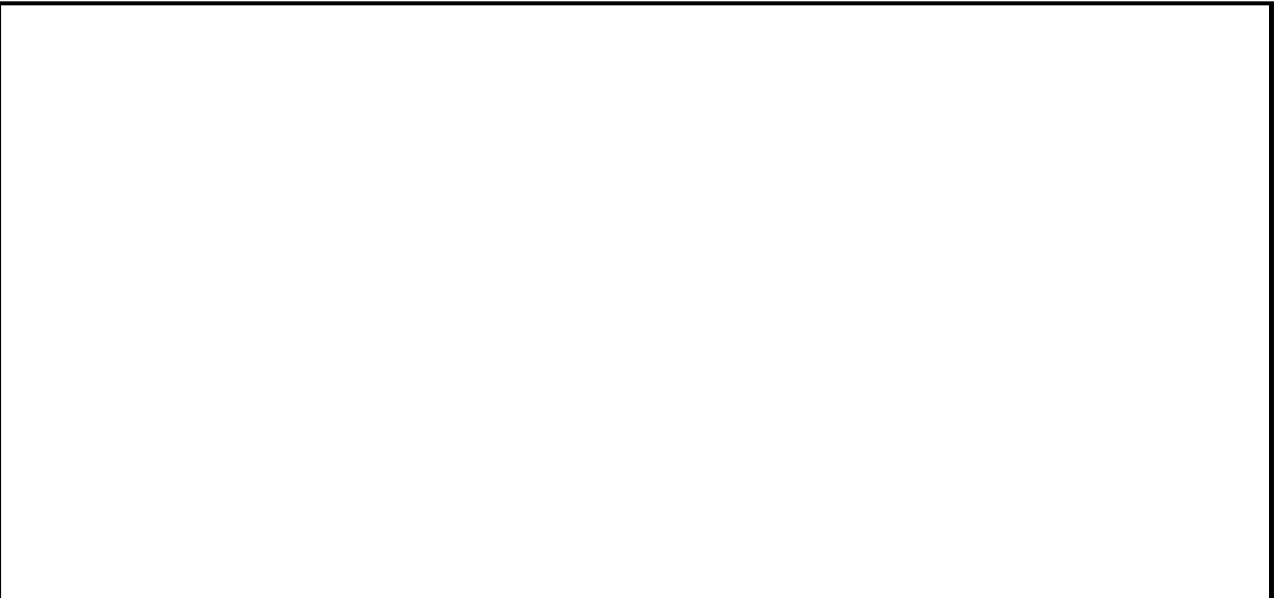
- Harness Type: Engine
- OEM Connector: 13594670
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

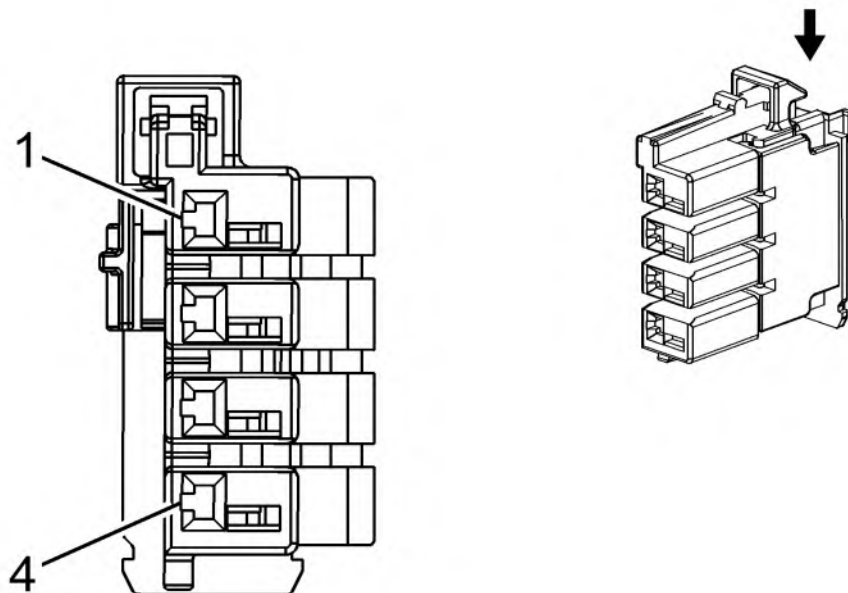
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	GN/VT	4510	Transmission Intermediate Speed Signal	I	-
2	0.5	YE/GN	4170	Transmission Position Sensor B 9V Reference	I	-
3	0.5	GN/YE	6353	Input Speed Signal	I	-

B15 TRANSMISSION INTERNAL MODE SWITCH (M3D)





Connector Part Information

- Harness Type: Transmission
- OEM Connector: 2203702-1
- Service Connector: Service by Harness - See Part Catalog
- Description: 4-Way F 1.2 MCON Series (BN)

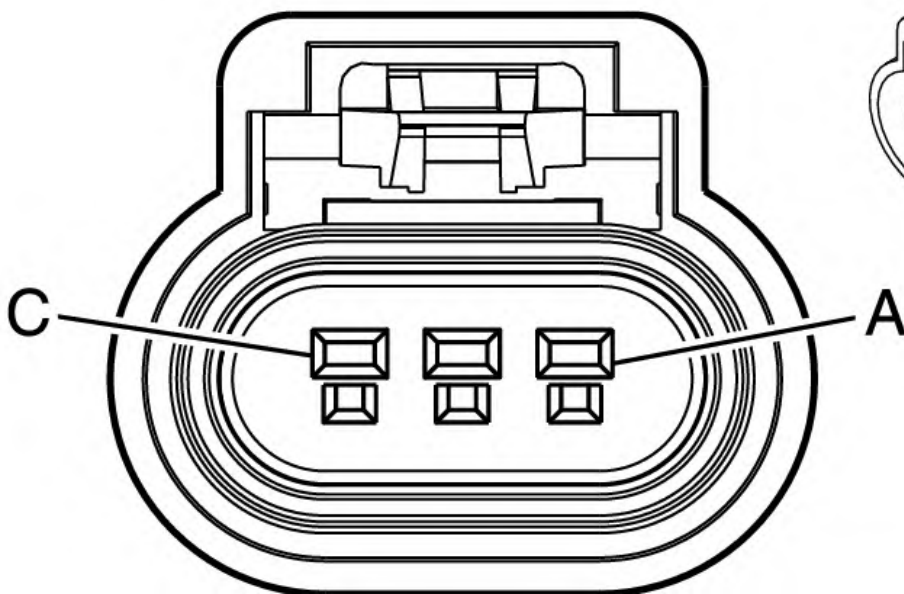
Terminal Part Information

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	YE/BU	4171	Transmission Position Sensor A 9V Reference	I	-
2	0.5	GN/YE	5724	Ignition Mode Switch Mode Control	I	-
3	0.5	BK/GY	3927	IMS Mode Switch Low Reference	I	-
4	0.5	WH/BU	5726	Ignition Mode Switch Mode Control Backup	I	-

B18 BATTERY CURRENT SENSOR (-KL9)





Connector Part Information

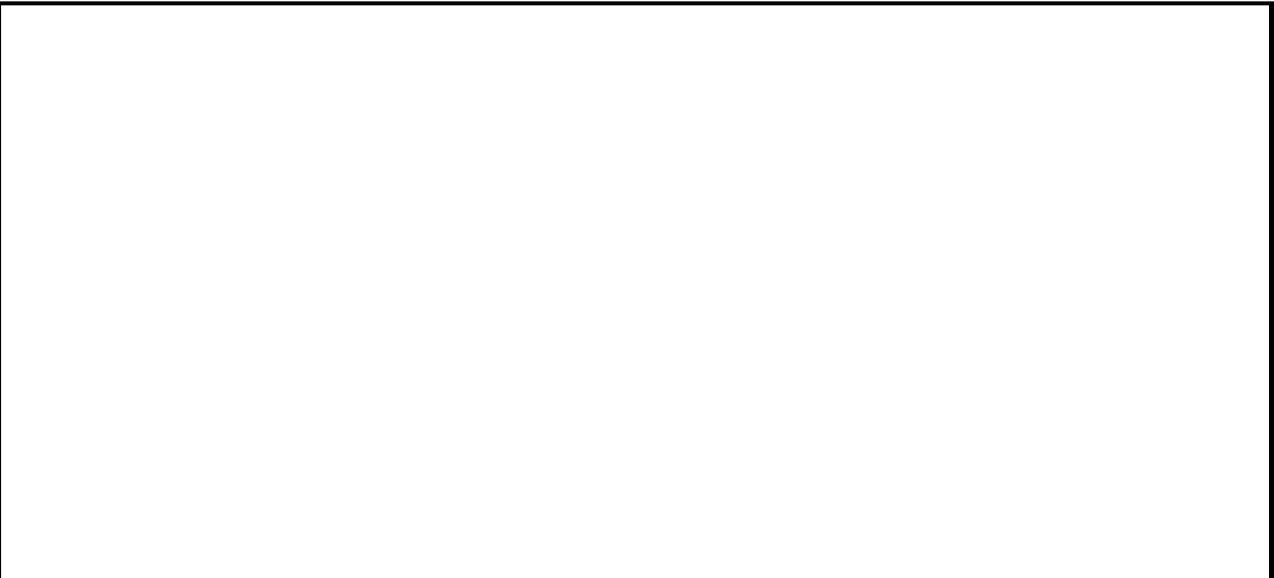
- Harness Type: Body
- OEM Connector: 15326808
- Service Connector: 19368886
- Description: 3-Way F 150 GT Series, Sealed (BK)

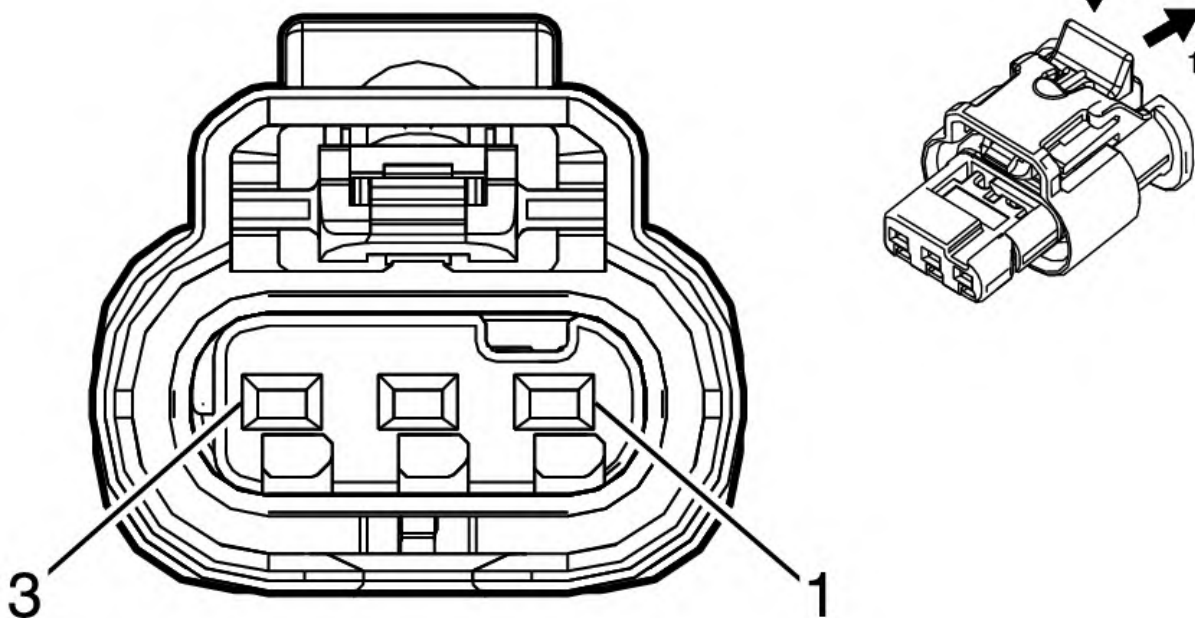
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	0.35	BU/VT	5076	Current Sensor Control	I	LWW/LYX-KL9
B	0.35	BK/VT	5077	Current Sensor Low Reference	I	LWW/LYX-KL9
C	0.35	WH/YE	5075	Current Sensor Signal	I	LWW/LYX-KL9

B19B BRAKE BOOSTER VACUUM SENSOR





Connector Part Information

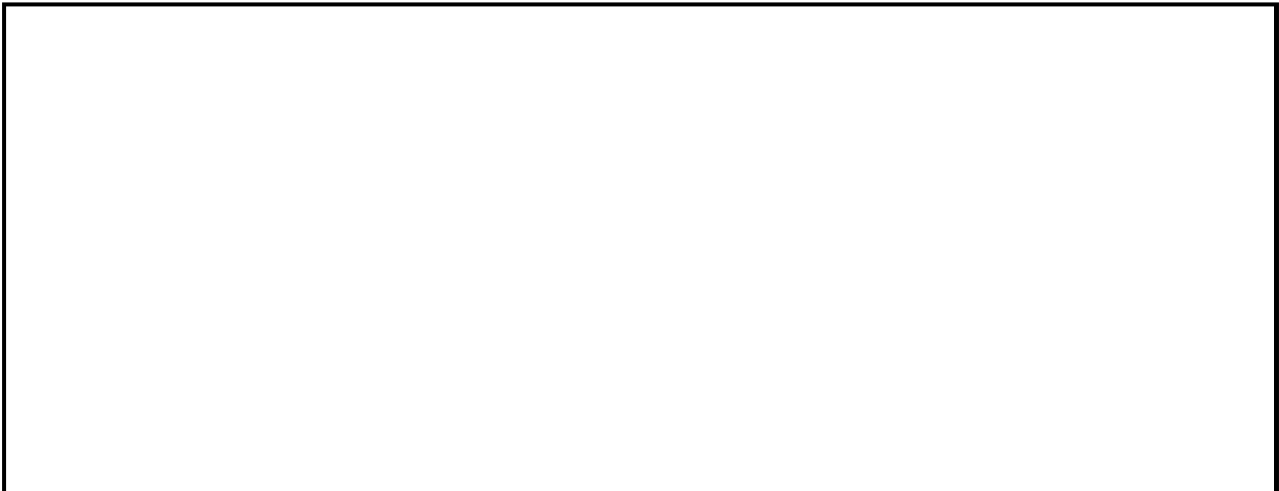
- Harness Type: Body
- OEM Connector: 13594670
- Service Connector: 19352065
- Description: 3-Way F 1.2 MCP Series, Sealed (BN)

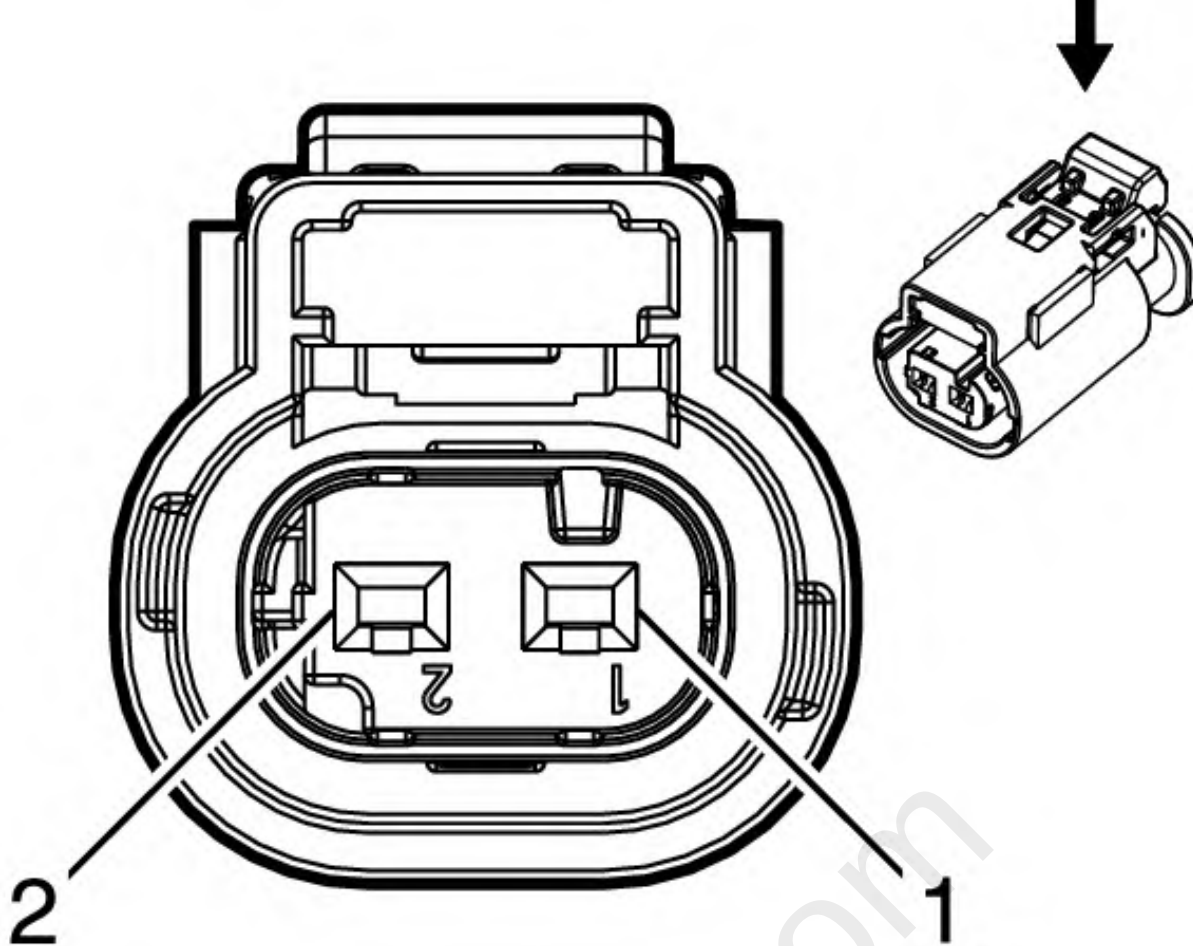
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	YE/VT	6030	Brake Vacuum Sensor Signal	I	-KL9
2	0.35 0.35	BK/YE BK/GN	6032 580	Brake Vacuum Sensor Low Reference Engine Control Sensors Low Reference (2)	I I	-KL9 KL9+LYX/LTG
3	0.35	YE/RD	6031	Brake Vacuum Sensor 5V Reference	I	-KL9

B20 BRAKE FLUID LEVEL SWITCH





Connector Part Information

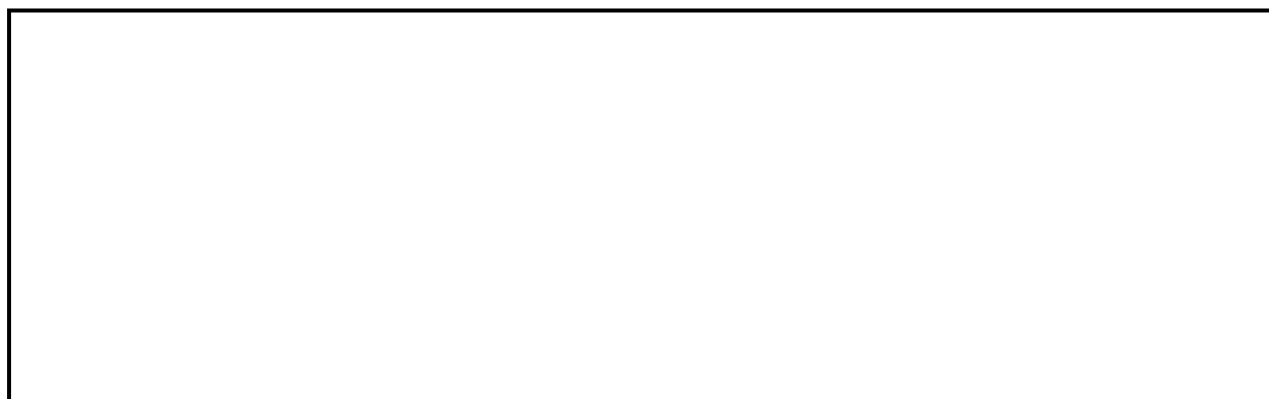
- Harness Type: Body
- OEM Connector: 13503566
- Service Connector: 13587326
- Description: 2-Way F 1.2 Multilock Series, Sealed (BK)

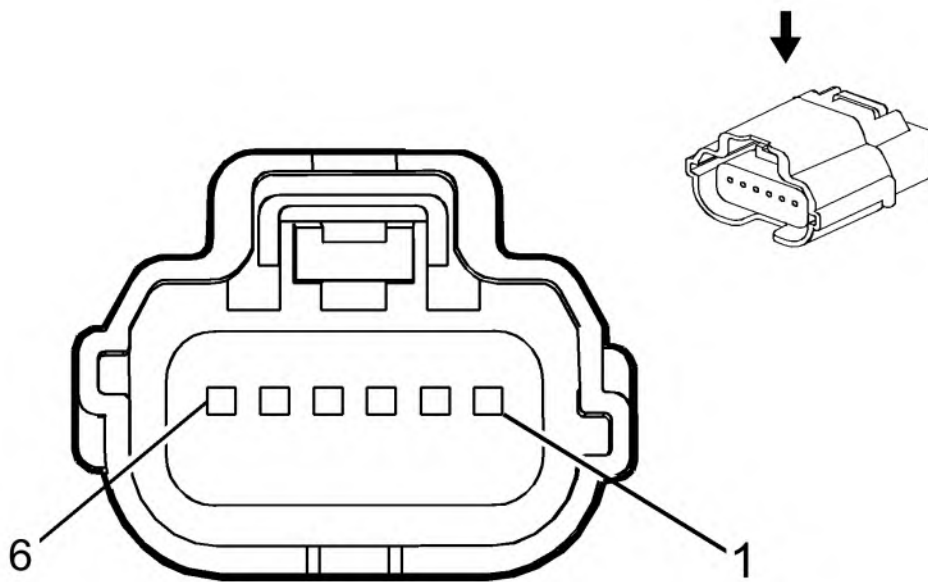
Terminal Part Information

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	0.35	GN/GY	333	Brake Fluid Level Sensor Signal	I	-
2	0.35	BK	1550	Ground	I	-

B22 BRAKE PEDAL POSITION SENSOR





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13584064
- Service Connector: 19304011
- Description: 6-Way F 64 Series, Sealed (NA)

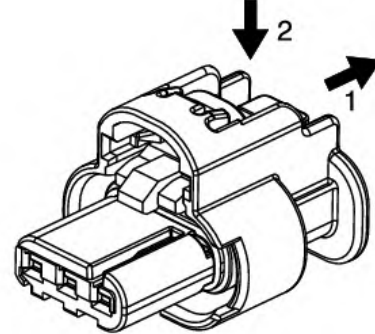
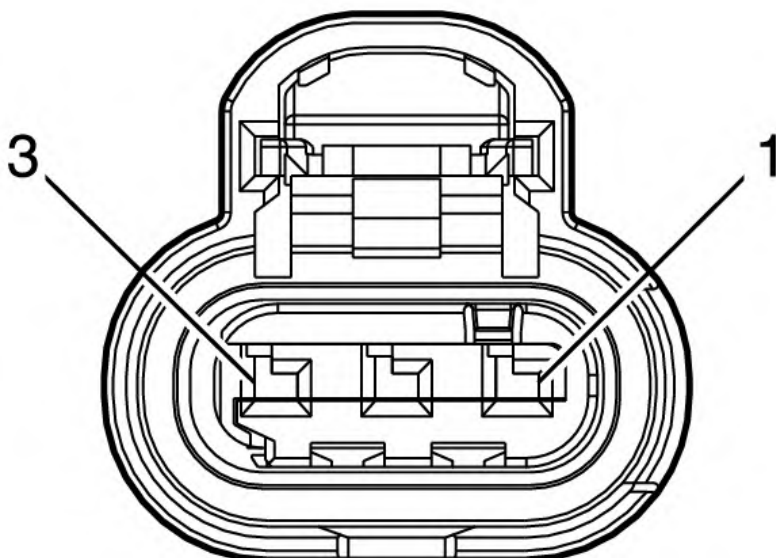
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.35	WH	5359	Brake Apply Sensor Control	I	-
2	0.35	BK/BN	5360	Brake Apply Sensor Low Reference	I	-
3	0.35	BU/YE	5361	Brake Apply Sensor Signal	I	-
4	0.35	WH/GN	5380	Brake Position Sensor Signal	I	-
5	0.35	WH/RD	5381	Brake Position Sensor 5V Reference	I	-
6	0.35	BK/YE	5382	Brake Position Sensor Low Reference	I	-

B23 CAMSHAFT POSITION SENSOR (LH7)

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Connector Part Information

- Harness Type: Engine
- OEM Connector: 13514590
- Service Connector: 19366844
- Description: 3-Way F 1.2 MCON-CB Series, Sealed (BK)

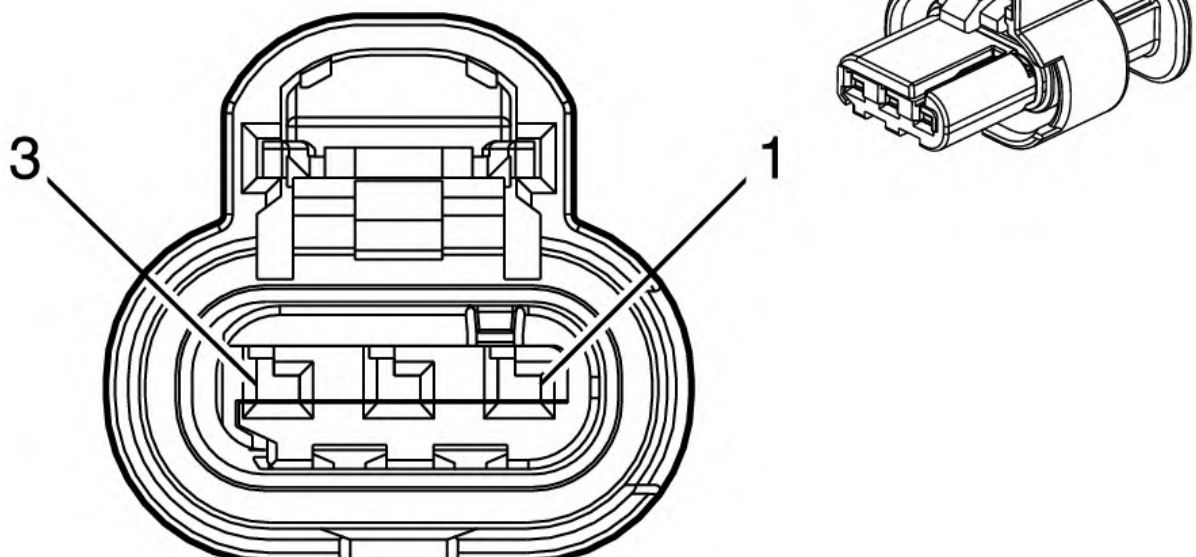
Terminal Part Information

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	5300	Camshaft Position Intake Sensor Control 1	I	LH7
2	0.5	BK/GN	5301	Camshaft Position Intake Sensor Low Reference 1	I	LH7
3	0.5	YE/VT	5275	Camshaft Position Intake Sensor 1	I	LH7

B23E CAMSHAFT POSITION SENSOR - EXHAUST (LTG)





Connector Part Information

- Harness Type: Engine
- OEM Connector: 13514590
- Service Connector: 19366844
- Description: 3-Way F 1.2 MCON-CB 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/YE	5297	Camshaft Position Exhaust Sensor Control 1	I	LTG
2	0.5	BK/GY	5296	Camshaft Position Exhaust Sensor Low Reference 1	I	LTG
3	0.5	VT/BK	5273	Camshaft Position Exhaust Sensor 1	I	LTG