

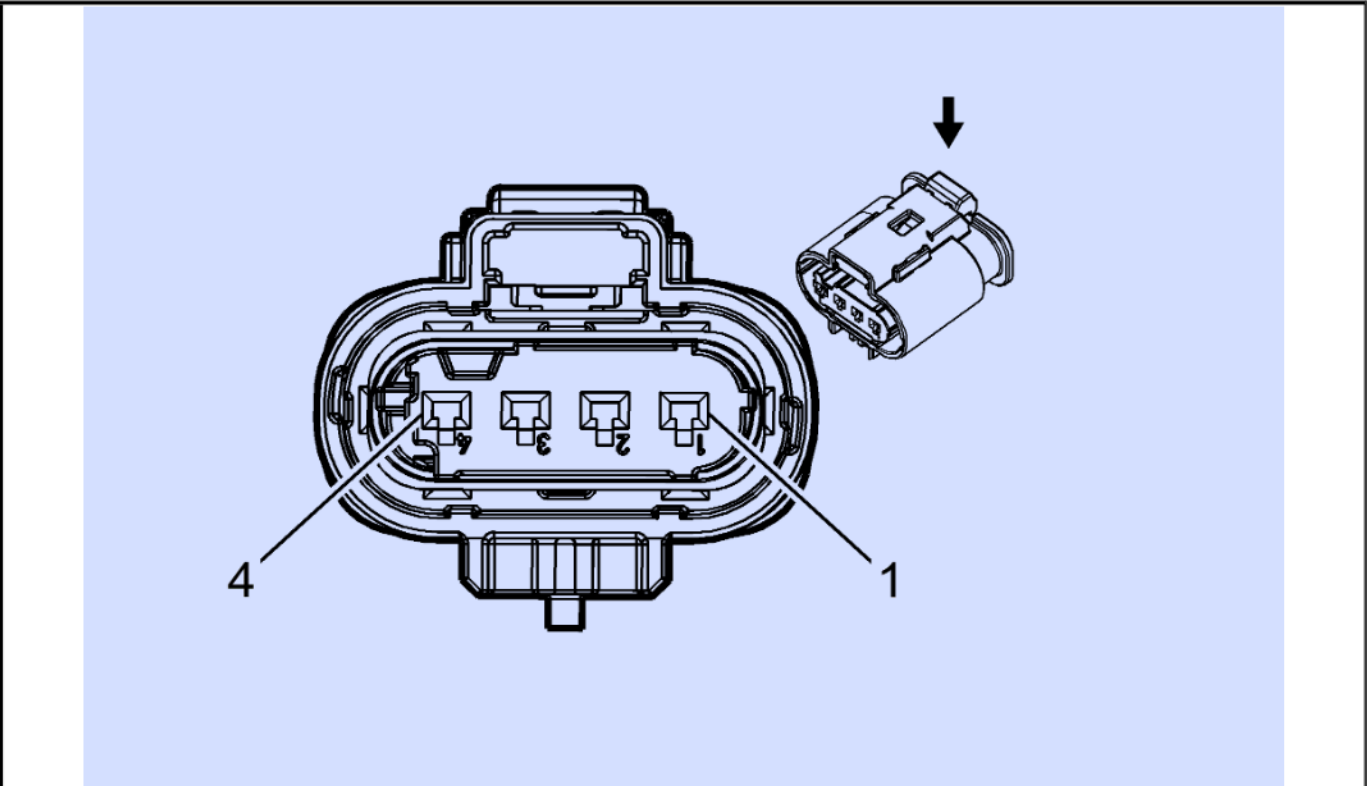
2017 ELECTRICAL

Wiring Systems And Power Management - Component Connector End Views And Component Locations - Miscellaneous - Sierra, Silverado

COMPONENT CONNECTOR END VIEWS AND COMPONENT LOCATIONS - MISCELLANEOUS

COMPONENT CONNECTOR END VIEWS

B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (L96)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13815341
- Service Connector: 13587299
- Description: 4-Way F 1.2 Multilock Series, Sealed (BK)

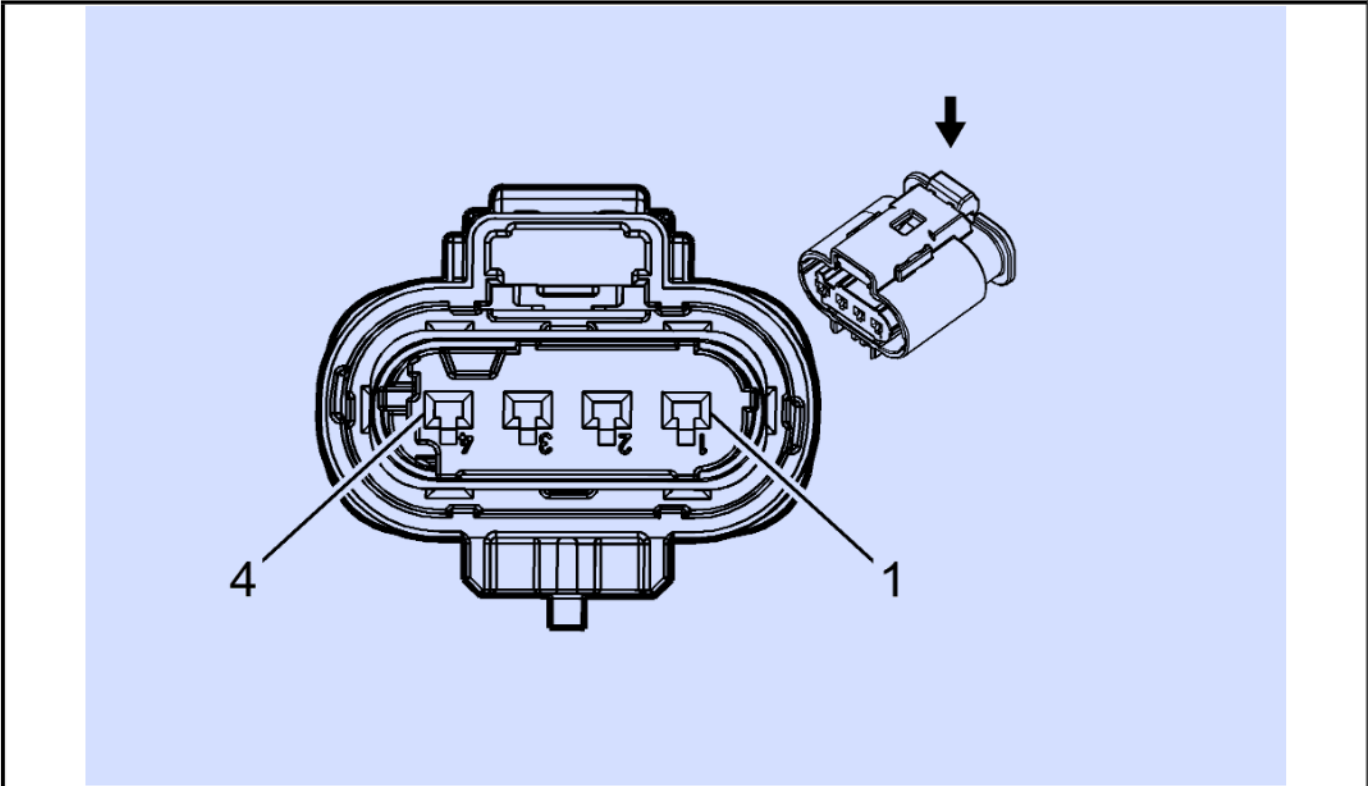
Terminal Part Information

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	Option
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					Type ID	
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2	0.75	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
4	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-

B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LC8)



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13815341
- Service Connector: 13587299
- Description: 4-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	Option
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					Type ID	
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2	0.75	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
4	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-

B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LV1)

Connector Part Information

- Harness Type: Engine
- OEM Connector: 13869004
- Service Connector: 19301716
- Description: 4-Way F 1.2 Multilock Series, Sealed (D-GY)

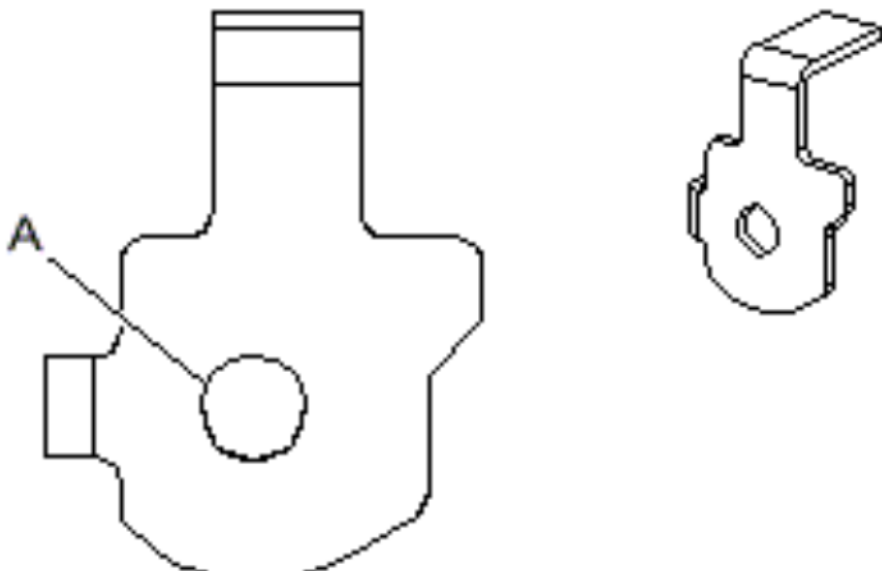
Terminal Part Information

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	Option
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					Type ID	
1	0.5	GY/WH	3113	Heated Oxygen Sensor Heater Low Control Bank 1 Sensor 1	I	-
2	0.5	VT/D-BU	5293	Powertrain Main Relay Fused Supply 4	I	-
3	0.5	WH/BK	3111	Heated Oxygen Sensor Low Signal Bank 1 Sensor 1	I	-
4	0.5	VT/GY	3110	Heated Oxygen Sensor High Signal Bank 1 Sensor 1	I	-

C4B Hybrid/EV Battery Section 2 (HP5 (NEGATIVE))



Connector Part Information

- Harness Type: High Voltage Battery Manual Service Disconnect
- OEM Connector: 15544776
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

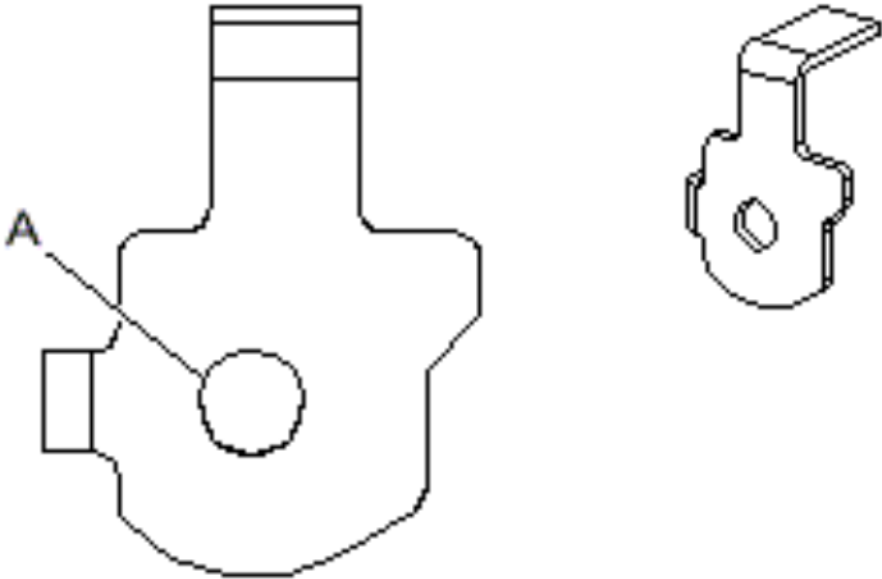
Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal	Option
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					Type ID	
1	12	OG	3970	High Voltage Battery 4 (+)	I	-

C4B Hybrid/EV Battery Section 2 (HP5 (POSITIVE))



Connector Part Information

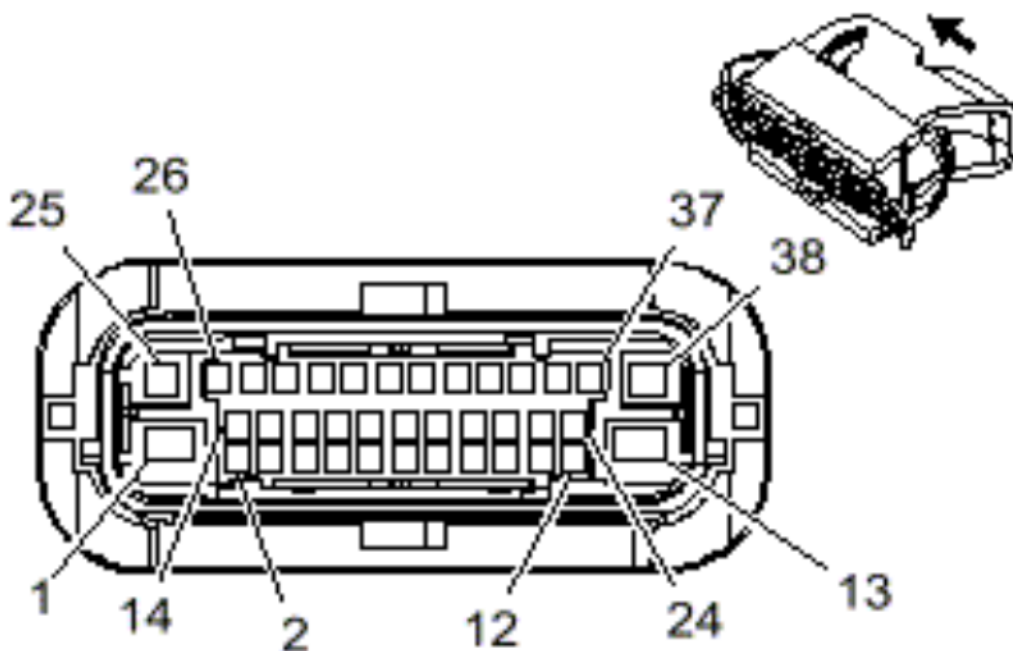
- Harness Type: High Voltage Battery Positive
- OEM Connector: 15544776
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

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

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	12	OG	5084	High Voltage Battery (+)	I	-

K38 Chassis Control Module (Light Duty)



Connector Part Information

- Harness Type: Chassis
- OEM Connector: 33102981
- Service Connector: 19329471
- Description: 38-Way F 1.5 CTS, 2.8 MCP, 4.8 MCP Series, Sealed (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19119381	J-35616-14 (GN)	J-38125-215A	Not Available	Not Available	Not Available	Not Available
II	19119772	J-35616-35 (VT)	J-38125-557	1241388-1	Lear 17	E	C
III	19353101	J-35616-40 (BU)	J-38125-556	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/WH	2040	Battery Positive Voltage	III	-
2 - 12	-	-	-	Not Occupied	-	-
13	0.75	BK	1750	Ground	III	-
14	0.5	VT/YE	5985	Accessory Wakeup Serial Data	I	-
15	-	-	-	Not Occupied	-	-
16	0.5	D-BU/RD	7632	Integrated Trailer Brake Controller Switch 5V Reference	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
17	-	-	-	Not Occupied	-	-
18	0.5	BN	7634	Integrated Trailer Brake Controller Redundant Manual Apply Signal	I	-
19	0.5	BK/BN	7631	Integrated Trailer Brake Controller Switch Low Reference	I	-
20	0.5	YE	7635	Integrated Trailer Brake Controller Manual Apply Signal	I	-
21	0.5	L-GN/BK	7633	Integrated Trailer Brake Controller User Gain Signal	I	-
22	0.5	YE/BK	2224	Trailer Brake Enable Signal	I	-
23	0.5	WH/BK	2223	Trailer Brake Control Signal	I	-
24	-	-	-	Not Occupied	-	-
25	0.75	VT/L-GN	439	Run/Crank Ignition 1 Voltage	II	-
26	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
27	0.5	D-BU	2500	High Speed GMLAN Serial Data (+) 1	I	-
28	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
29	0.5	WH	2501	High Speed GMLAN Serial Data (-) 1	I	-
30	0.5	L-GN/VT	4114	Local Interconnect Network Serial Data Bus 14	I	-
31 - 38	-	-	-	Not Occupied	-	-

COMPONENT LOCATIONS (M/T)

Manual Transmission Components (MXW)

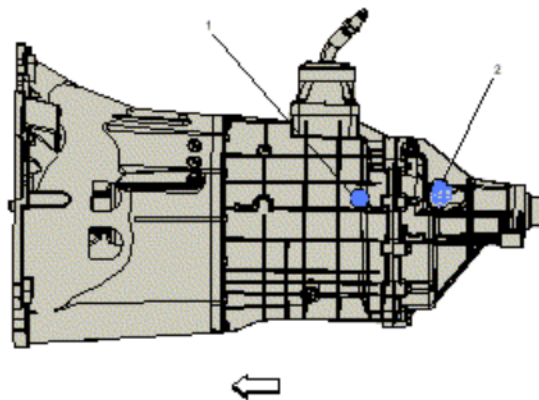


Fig. 1: Manual Transmission Components (MXW)

Courtesy of GENERAL MOTORS COMPANY

Items
B16 Backup Lamp Switch (M2P, MQ7 or MXW) <u>B16 Backup Lamp Switch (L96+ZW9)</u> <u>B16 Backup Lamp Switch (LV1+(C42/C67))</u>
B115 Vehicle Speed Sensor (NQF, NQG or NQH) <u>B115 Vehicle Speed Sensor (L5P+MW7(-NQF/NQG))</u> <u>B115 Vehicle Speed Sensor (L5P+NQF+MW7)</u> <u>B115 Vehicle Speed Sensor (L5P+NQG+MW7)</u> <u>B115 Vehicle Speed Sensor (L96+ZW9)</u> <u>B115 Vehicle Speed Sensor (LC8/L96&NQF)</u> <u>B115 Vehicle Speed Sensor (LC8/L96&NQG)</u> <u>B115 Vehicle Speed Sensor (LV3)</u>

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