

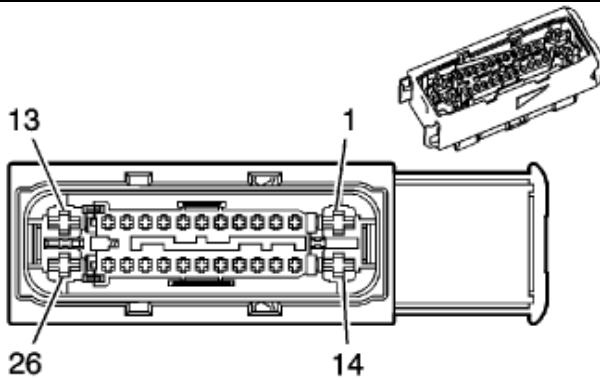
Your Vehicle: **2010 Chevrolet Cobalt L4-2.2L**

[Vehicle](#) » [Diagrams](#) » [Connector Views](#) » [Electronic Brake Control Module](#)

Electronic Brake Control Module

Component Connector End Views

Electronic Brake Control Module (EBCM) (JM4)



Connector Part Information

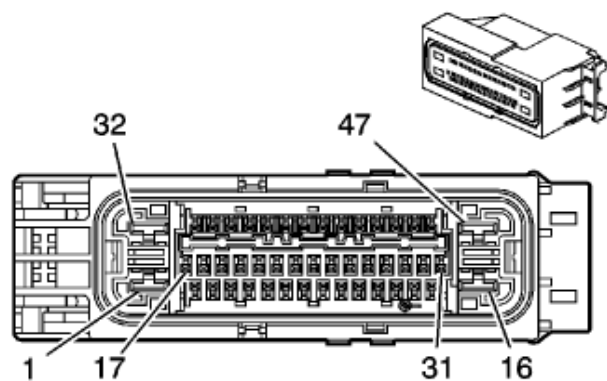
- Harness: Body
- OEM: 13515286
- Service: 88988597
- Description: 26-Way F Receptacle Sealed (BK)

Terminal Part Information

- Pins: 1, 14, 26
- Terminal/Tray: 60012931/21
- Core/Insulation Crimp: C/1
- Release Tool/Test Probe: 12122378/J-35616-4A (PU)
- Pins: 20-24
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-14 (GN)
- Pins: 2-12
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-14 (GN)

Electronic Brake Control Module (EBCM) (JM4)

Pin	Wire	Circuit	Function
1	2 RD/WH	740	Battery Positive Voltage
2	0.5 OG	885	Left Rear Wheel Speed Sensor Low Reference
3	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
4	-	-	Not Used
5	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
6	0.5 TN	833	Right Front Wheel Speed Sensor Low Reference
7	-	-	Not Used
8	0.5 YE	873	Left Front Wheel Speed Sensor Low Reference
9	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
10	-	-	Not Used
11	0.5 BN	882	Right Rear Wheel Speed Sensor Signal
12	0.5 WH	883	Right Rear Wheel Speed Sensor Low Reference
13	-	-	Not Used
14	3 RD/BK	542	Battery Positive Voltage
15-19	-	-	Not Used
20	0.35 PK	1439	Ignition Voltage
21	0.35 TN	2501	High Speed GMLAN Serial Data Bus (-)
22	0.35 TN	2501	High Speed GMLAN Serial Data Bus (-)
23	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus (+)
24	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus (+)
25	-	-	Not Used
26	3 BK	350	Ground

Electronic Brake Control Module (EBCM) (JL4 or JL9)**Connector Part Information**

- Harness: Body
- OEM: 13608606
- Service: See Part Catalog
- Description: 47-Way F MK25/60 Sealed (BK)

Terminal Part Information

- Pins: 2-15, 17-31, 33-46
- Terminal/Tray: 638551-1/16
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)
- Pins: 1, 16, 32
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

Electronic Brake Control Module (EBCM) (JL4 or JL9)

Pin	Wire	Circuit	Function
1	3 RD/BK	542	Battery Positive Voltage
2-4	-	-	Not Used
5	0.5 GY	1056	Steering Wheel Position Sensor 5-Volt Reference Voltage
6-7	-	-	Not Used
8	0.5 PK	1439	Ignition Voltage
9-10	-	-	Not Used
11	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
12	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
13	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
14	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
15	-	-	Not Used
16	3 BK	350	Ground
17	-	-	Not Used
18	0.5 PK/BK	6434	CAN Bus High Serial Data
19	0.5 GY/BK	6435	CAN Bus Low Serial Data
20-21	-	-	Not Used
22	0.5 D-GN	2087	12-Volt Reference
23-25	-	-	Not Used
26	0.5 L-GN	6257	5-Volt Reference (JL4 with LNF)
27	0.5 L-GN/BK	6258	Low Reference (JL4 with LNF)
28	-	-	Not Used
29	0.5 L-BU	2088	Steering Wheel Position Sensor Low Reference
30-31	-	-	Not Used
32	2 RD/WH	740	Battery Positive Voltage
33	0.5 TN	833	Right Front Wheel Speed Sensor Low Reference
34	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
35	-	-	Not Used
36	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
37	0.5 OG	885	Left Rear Wheel Speed Sensor Low Reference
38-39	-	-	Not Used
40	0.5 OG/BK	556	Steering Wheel Position Sensor Low Reference
41	0.5 D-BU	1809	Brake Booster Vacuum Sensor Signal (LNF)
42	0.5 WH	883	Right Rear Wheel Speed Sensor Low Reference
43	0.5 BN	882	Right Rear Wheel Speed Sensor Signal
44	-	-	Not Used
45	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
46	0.5 YE	873	Left Front Wheel Speed Sensor Low Reference
47	-	-	Not Used

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