

Transmission Control Module (TCM) (M30)



Connector Part Information

- OEM Connector: 15463921
- Service Connector: 88987979
- Description: 49-Way F GT 280 Micro-Pack 64 Series Sealed (BK)

Terminal Part Information

- Pins: 1-3, 5-7, 11, 14, 16-17, 20, 23, 25, 29-32, 35, 37-42, 45, 46
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)
- Pin: 49
- Terminal/Tray: 19491972/24

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- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

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Pin	Wire	Circuit	Function
1	0.5 BN	418	TCC PWM Solenoid Valve Control
2	0.5 L-GN	1222	Shift Solenoid 1 Valve Control
3	0.35 OG	1983	Transmission Turbine Speed Signal
4	—	—	Not Used
5	0.5 OG/BK	6399	Replicated TOS Signal
6	0.5 TN	2501	High Speed GMLAN Serial Data Bus—
7	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
8–10	—	—	Not Used
11	0.35 D-BU	5985	Accessory Wakeup serial Data
12–14	—	—	Not Used
15	—	—	Not Used
16	0.5 L-GN/BK	822	VSS Low Signal
17	0.5 L-BU/WH	1229	PC Solenoid Valve Low Control (Solenoid A)
18–19	—	—	Not Used
20	0.5 YE	1223	Shift Solenoid 2 Valve Control

Pin	Wire	Circuit	Function
21–22	—	—	Not Used
23	0.35 GY	773	Transmission Range Switch Signal A
24	—	—	Not Used
25	0.5 TN/BK	422	TCC Solenoid Valve Control
26–28	—	—	Not Used
29	0.35 TN/WH	771	Transmission Range Switch Signal A
30	0.35 TN	2762	Low Reference
31	0.5 PK/WH	2139	Ignition 1 Voltage
32	0.5 RD/WH	1840	Battery Positive Voltage
33–34	—	—	Not Used
35	0.35 YE/BK	1227	TFT Sensor Signal
36	—	—	Not Used
37	0.5 TN	2501	High Speed GMLAN Serial Data Bus–
38	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus–
39	0.35 WH	776	Transmission Range Switch Signal P
40	0.5 OG/BK	1228	PC Solenoid Valve High Control
41	0.5 PU/WH	821	VSS High Signal
42	0.5 L-BU/WH	6311	Brake Switch Signal

Pin	Wire	Circuit	Function
43-44	—	—	Not Used
45	0.35 L-BU	1984	Transmission Turbine Speed Switch Low Reference
46	0.35 YE	772	Transmission Range Switch Signal B
47-48	—	—	Not Used
49	0.8 BK/WH	451	Ground