

Transmission Control Module (TCM), Engine Side

Pin	Wire Color	Circuit No.	Function
1	BN	418	TCC PWM Solenoid Valve Control
2	L-GN	1222	1-2 Shift Solenoid Valve Control
3	OG	1983	ISS Signal
4	—	—	Not Used
5	OG/BK	6399	Replicated TOS Signal
6	TN	2501	High Speed GMLAN Serial Data Bus -
7	TN/BK	2500	High Speed GMLAN Serial Data Bus +
8-10	—	—	Not Used
11	D-BU	5985	Accessory Wake Up Serial Data
12-13	—	—	Not Used
14	WH	687	3-2 Shift Solenoid Valve Control
15	—	—	Not Used
16	L-GN/BK	822	VSS High Signal
17	L-BU/WH	1229	PC Solenoid Valve Low Control
18-19	—	—	Not Used
20	YE/BK	1223	2-3 Shift Solenoid Valve Control
21-22	—	—	Not Used
23	GY	773	Transmission Range Switch Signal C
24	PK	1224	Transmission Fluid Pressure Switch Signal A
25	TN/BK	422	TCC Solenoid Valve Control
26-28	—	—	Not Used
29	TN/WH	771	Transmission Range Switch Signal A
30	TN	2762	Low Reference
31	PK	2139	Ignition 1 Voltage
32	RD/WH	1840	Battery Positive Voltage
33	OG	1226	Transmission Fluid Pressure Switch Signal C
34	—	—	Not Used
35	YE/BK	1227	TFT Sensor Signal
36	—	—	Not Used
37	TN	2501	High Speed GMLAN Serial Data Bus -
38	TN/BK	2500	High Speed GMLAN Serial Data Bus +
39	WH	776	Transmission Range Switch Signal P
40	OG/BK	1228	PC Solenoid Valve High Control
41	PU/WH	821	VSS Low Signal
42	L-BU/WH	6311	Brake Switch Signal

43	—	—	Not Used
44	D-BU	1225	Transmission Fluid Pressure Switch Signal B
45	L-BU	1984	Low Reference
46	YE	772	Transmission Range Switch Signal B
47-48	—	—	Not Used
49	BK/WH	451	Ground