

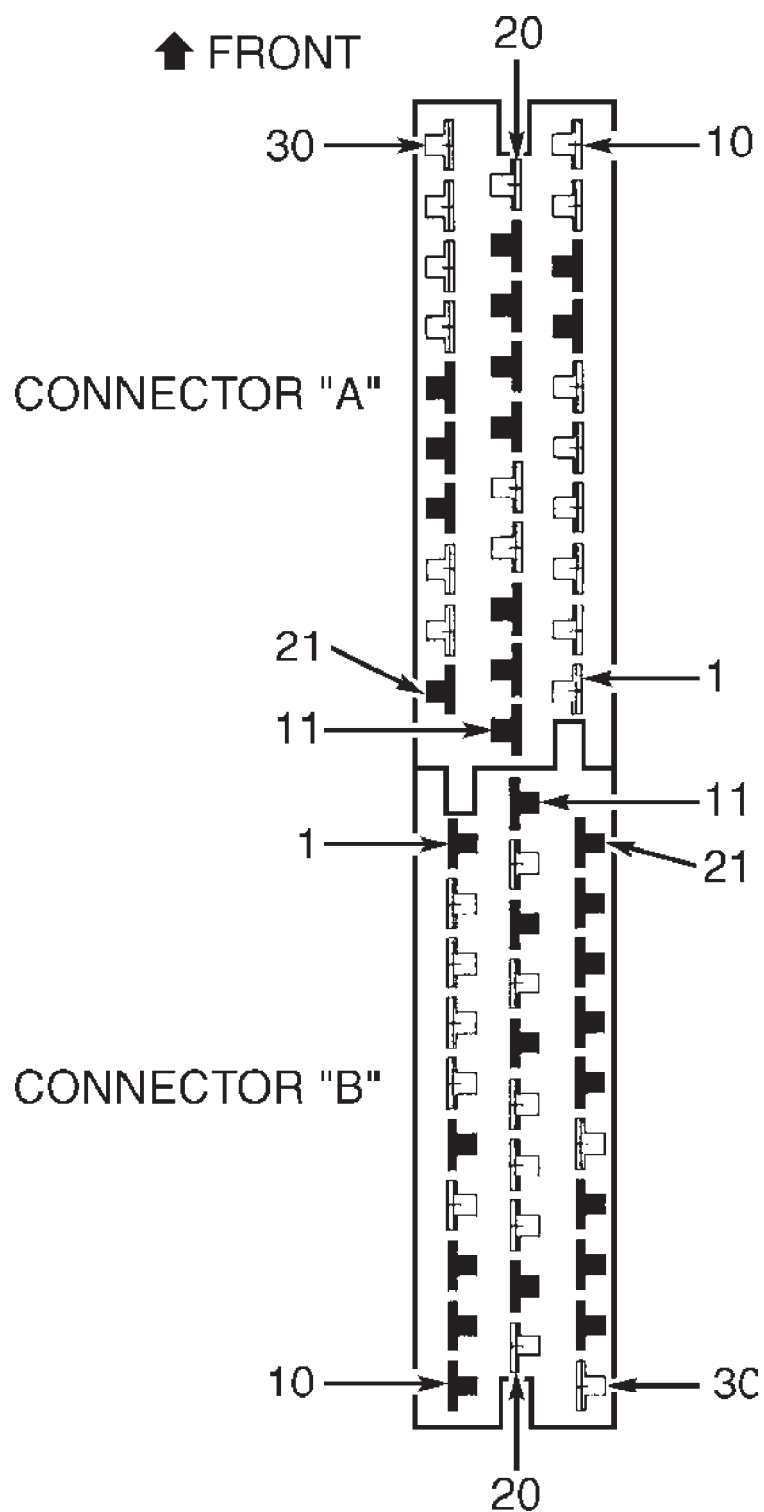
If component and/or circuit fault is diagnosed, check appropriate circuit between component and TCM connector terminal(s) and repair as necessary. If component and circuits are okay, replace TCM. For TCM connector terminal locations, See Fig. 10. For TCM connector terminal identification, see TCM CONNECTOR TERMINAL IDENTIFICATION table.

TCM CONNECTOR TERMINAL IDENTIFICATION

Terminal No.	(1)	(2)	Component
Connector "A"			
1			RPM/Speed Sensor
2			RPM/Speed Sensor Ground
3			Gear Position Sensor
4			Gear Position Sensor
5			Gear Position Sensor
6			Gear Position Sensor
9			Lock-Up Solenoid
10			Battery Power
14			Oil Temperature Sensor
15			Oil Temperature Sensor Ground
20			Signal Ground
22			Line Pressure Solenoid
23			Line Pressure Solenoid Ground
27			No. 1 Shift Solenoid
28			No. 2 Shift Solenoid
29			Power Ground
30			Battery Voltage Via Ignition Switch
Connector "B"			
2			Torque Limiting
3			Torque Limiting
4			Torque Limiting Acknowledge Signal
5			Diagnostic Output
7			Warning Indicator Light
12			Engine Load
14			Gear Position Sensor
16			Mode Selector Switch
17			Mode Selector Switch
18			Speedometer
20			Throttle Position Sensor
26			Brake Switch
30			Kickdown Switch

(1) - For terminal locations, See Fig. 10.

(2) - Terminals not listed are blank.



95G21002

Fig. 10: Identifying TCM Connector Terminals
Courtesy of Volvo Cars of North America.