



Technical Service Information

THM 4L60-E

PARK/NEUTRAL POSITION SWITCH CONNECTOR CANNOT BE REMOVED

COMPLAINT: Technicians may experience difficulty in removing the connector from the Park/Neutral Position Switch, on some 1995-1998 model trucks and vans, usually when trying to remove the switch during transmission service. In rare cases the customer may report switch related electrical problems, such as improper or no shift indication on the dash indicator, or no back-up light operation.

CAUSE: The cause may be high ambient heat causing the sealing compound in the switch to melt and flow into the connectors, sealing the connectors to the switch. This normally causes no customer concerns, but may cause an open electrical circuit in rare cases.

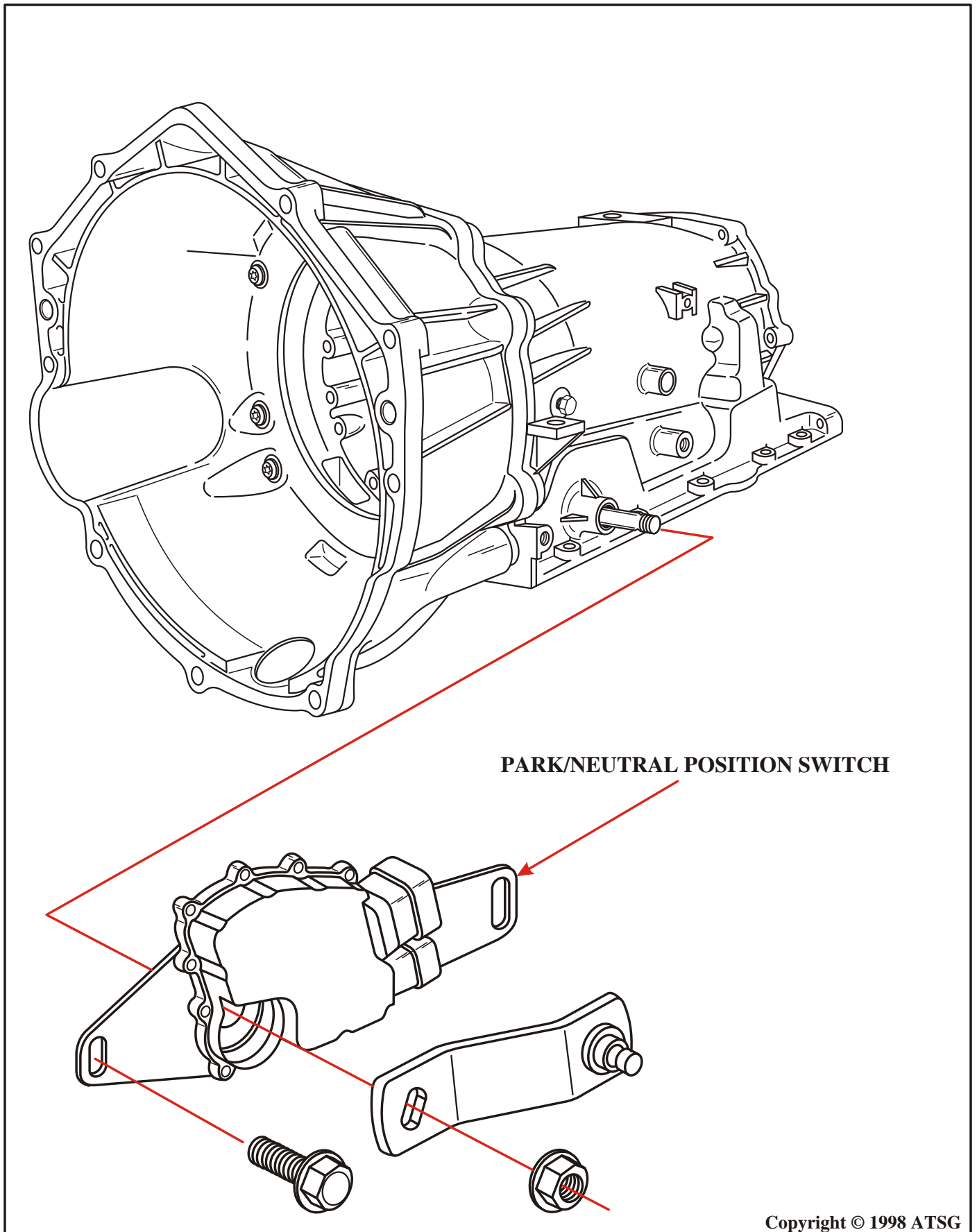
CORRECTION: If the switch is being removed as part of transmission service, *and there are no switch related concerns*, the switch can be removed without removing the connectors, and left hanging until time to be re-installed. However, some models have a mounting bolt directly behind the switch connectors, which requires removing the connectors, and the switch *will be damaged* in the process (See Figure 3).

There is now available from OEM sources, service repair connectors for both the 7-way and the 4-way connectors under part numbers 15305887 and 15305925 (See Figure 3).

Note: The service connector pigtails use wires that are all the same color. Use the old connector as a pattern to ensure that the new wires are connected to the vehicle harness correctly. This switch is in a wet area, and it is imperative that the wires be soldered and heat-shrink tubing be used to insure water-tight connections. Refer to Figure 1 for the location of the Park/Neutral Position Switch. Refer to Figure 2 for a full wiring schematic of the Park/Neutral Position Switch circuit for diagnostic purposes.

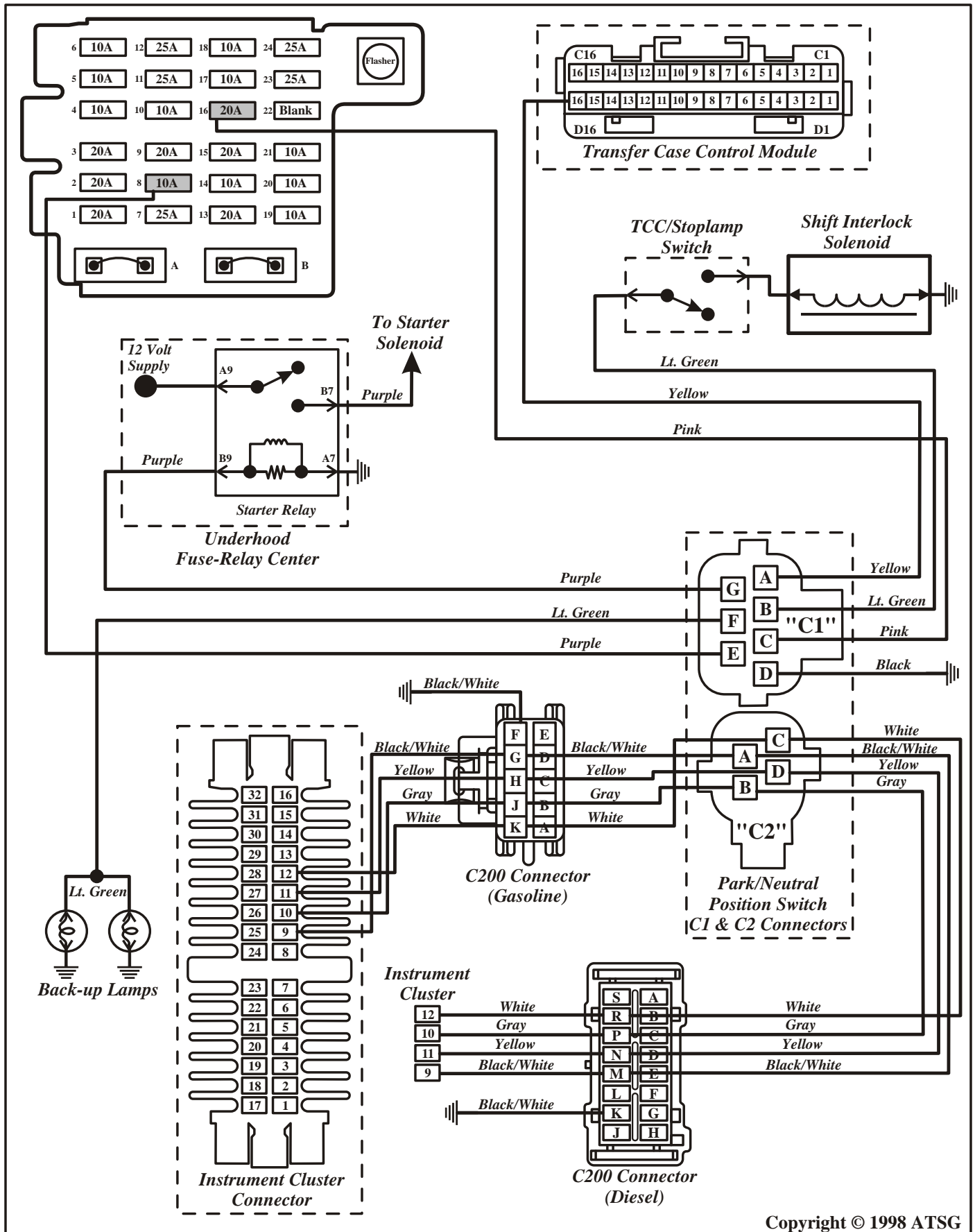
SERVICE INFORMATION:

Park/Neutral Position Switch (All Models)	12450016
7-Way Repair Connector Assembly (Includes Heat-Shrink Connectors)	15305887
4-Way Repair Connector Assembly (Includes Heat-Shrink Connectors)	15305925



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Figure 1



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Figure 2

