



FORD E4OD ENGINE STALLS IN REVERSE

COMPLAINT: Some 1994-95 Ford trucks, equipped with the Programable Speedometer Odometer Module, may exhibit erratic speedometer operation, as well as an occasional engine stall when the selector is placed in Reverse. **NOTE: This complaint is commonly mistaken for Torque Converter Clutch application in Reverse.**

CAUSE: The cause may be, a faulty Programable Speedometer Odometer Module, indicating the vehicle is travelling at speeds in excess of 100 mph in Reverse. When the Powertrain Control Module recognizes this, it may go into an **Overspeed Protection Program**. When in this program, the Powertrain Control Module may remove the ground signal applied to the Fuel Pump Relay resulting in fuel shut-off.

CORRECTION: Disconnect the Rear ABS sensor from the differential to disable speedometer operation completely. If the problem still persists and the speedometer is still showing high vehicle speed, ground the terminal shown in the diagnostic connector shown in Figure 1 as a test, to ensure that the fuel pump is not being shut off. If the stalling condition is cured, replace the Programable Speedometer Odometer Module (Complete Speedometer Head). If the stalling condition still persists it may be a plugged transmission oil cooler, partially open TCC solenoid, or pump halves that have not been torqued properly or they are cross-leaking. Repair and/or replace as necessary.

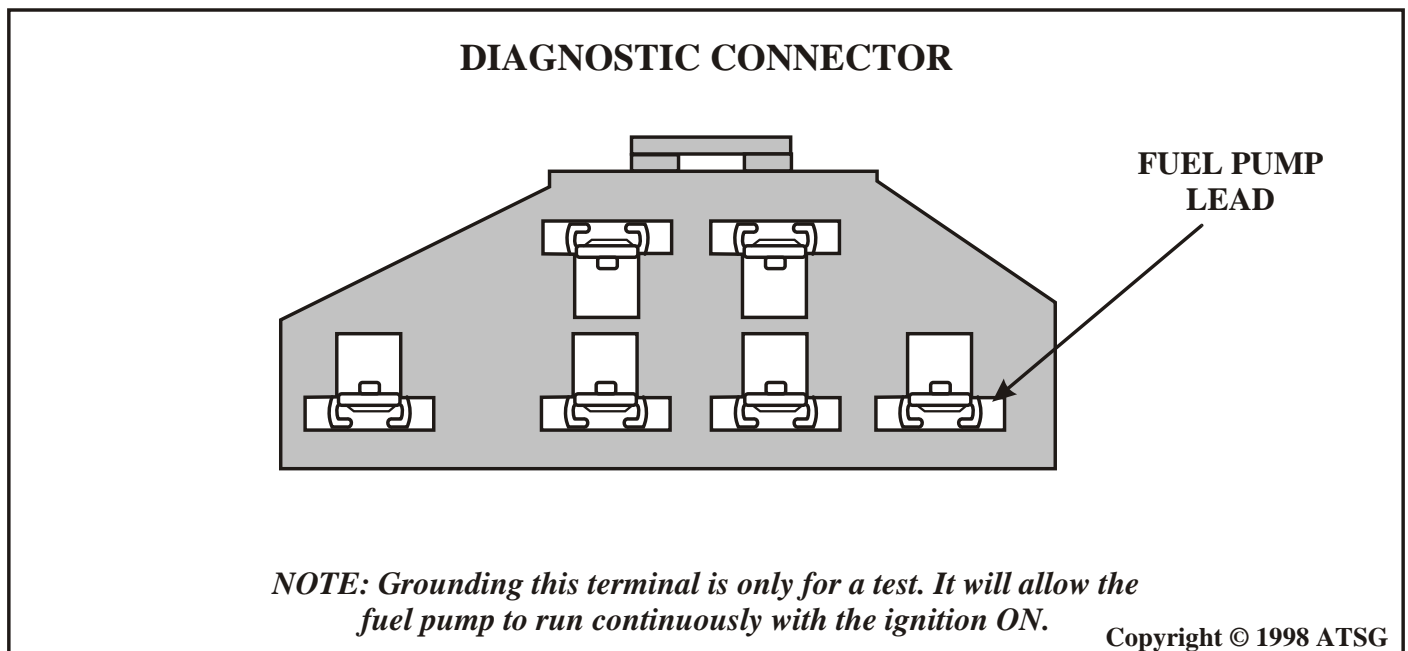


Figure 1