DIAGNOSIS AND TESTING (Continued)

4. With transaxle in DRIVE, press TCS (LED lamp should illuminate) and moderately accelerate from stop to 64 Km/h (40 mph). This allows transaxle to shift into third gear. Hold speed and throttle open steady for a minimum of 15 seconds (30 seconds above 4000 ft).
5. Press TCS (LED lamp should turn off) and accelerate from 64 Km/h (40 mph) to 80 Km/h (50 mph). This allows transaxle to shift into fourth gear. Hold speed and throttle position steady for a minimum of 15 seconds.
6. With transaxle in fourth gear and maintaining steady speed and throttle opening, lightly apply and release brake (to operate stoplamps). Then hold speed and throttle steady for an additional five seconds minimum.
7. Brake to a stop and remain stopped for a minimum of 20 seconds.
8. Repeat Steps 4 through 7 at least five times.
9. Perform Quick Test and record continuous codes.

After Self Test

After the Self Test procedures are completed, service all DTC's.

Begin with non-transaxle related DTC's, then service any transaxle related DTC's. Refer to the EEC-IV On-Board Diagnostic Trouble Code Description Chart for information on Condition and Symptoms. This chart will be helpful in referring to the proper manual(s) and to aid in diagnosing internal transaxle concerns and external non-transaxle inputs. The Pinpoint Tests are used in diagnosing electrical concerns of the AXODE (AX4S) transaxle. Make sure that the vehicle wiring harness and the PCM are diagnosed as well. The Powertrain Control/Emissions Diagnosis Manual[23] will aid in diagnosing non-transaxle electronic components. The diagnostic routine hydraulic/mechanical charts will help in diagnosing internal transaxle concerns and external non-transaxle inputs.

NOTE: The vehicle wiring harness, PCM and non-transaxle sensors may affect transaxle operations. Service these concerns first.

Pinpoint Tests

If DTC's are present while performing the On-Board Diagnostic, refer to the EEC-IV On-Board Diagnostic Trouble Code Description Chart for the appropriate service procedure.

NOTE: Prior to entering Pinpoint Tests, refer to any TSBs and Oasis messages for AXODE (AX4S) transaxle concerns.

NOTE: Prior to entering pinpoint tests, the vehicle harness must be checked for continuity and shorts; the PCM must be checked for any concerns. Refer to the Powertrain Control/Emissions Diagnosis Manual[23] for proper procedures.

NOTE: If any non-transaxle DTC's appear, service those codes first. They could affect the electrical operation of the transaxle. Record and erase codes from continuous memory after service has been performed. After servicing any DTC's in the Quick Test, the Quick Test should be repeated.

NOTE: Check PCM wiring harness for proper connections, bent or broken pins, corrosion, loose wires, proper routing, proper seals and their condition. Check the PCM, sensors and actuators for physical damage.

23 Can be purchased as a separate item.