2000 PCED On Board Diagnostics II Diesel

SECTION 2: Diagnostic Methods
Procedure revision date: 01/02/2002

Quick Test Operation

Quick Test is performed by retrieving KOEO, KOER, and Continuous DTCs.

Special Notes

Before running Quick Test, always perform the necessary visual checks and safety precautions listed below.

Visual Check

- Inspect the air cleaner and inlet ducting.
- Check system wiring harness for proper connections, bent or broken pins, corrosion, loose wires, proper routing, etc.
- Check the ECM, sensors and actuators for physical damage.
- Check the engine coolant for proper level and mixture.
- Check the transmission fluid level and quality.
- Make all necessary repairs before continuing with Quick Test.

Vehicle Preparation

- Perform ALL safety steps required to start and run vehicle tests. Apply parking brake, place shift lever firmly into PARK position (NEUTRAL on manual transmission and all F650/750), block drive wheels, etc.
- Turn off ALL electrical loads-radios, lights, A/C, blower, fans, etc.
- Start engine and bring up to normal operating temperature before running Quick Test.

Quick Test Operation

For a Hard Start/No Start concern or a Performance concern, refer to Section 4B . For all other concerns, refer to the Symptom Charts in Section 3 . Quick Test is performed by retrieving KOEO, KOER and Continuous Memory DTC's. If a code is retrieved, you must then go to the appropriate Pinpoint Test. If unable to complete a self test, GO to Pinpoint Test QA .