

Yes	No
INSTALL a new PCM. REFER to FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY (EEPROM) , Programming the VID Block for a Replacement PCM.	The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector.

PINPOINT TEST QC: ON BOARD DIAGNOSTIC (OBD) SYSTEMS READINESS > INTRODUCTION



NOTE: The vehicle may not have completed an OBD drive cycle. This is indicated by the inspection maintenance (I/M) readiness status not complete. In some areas, the OBD drive cycle must be completed to pass an I/M test. Refer to ON BOARD DIAGNOSTIC (OBD) DRIVE CYCLE .

PINPOINT TEST QC: ON BOARD DIAGNOSTIC (OBD) SYSTEMS READINESS > TEST PROCEDURE

QC1 CHECK FOR PTO

Is the vehicle equipped with PTO?

Yes	No
GO to QC2 .	INFORM the customer the law in your area may require additional driving to complete an inspection/maintenance test.

QC2 CHECK THE PTO PID

Ignition ON, engine running.

Access the PCM and monitor the PTO (MODE) PID.

Cycle the PTO switch/actuator ON and OFF. (Follow the PTO aftermarket instructions).

Does the PTO PID cycle ON and OFF?

Yes	No
INFORM the customer the law in your area may require additional driving to complete an inspection/maintenance test.	GO to PINPOINT TEST FB .

PINPOINT TEST QE: ELECTRONIC THROTTLE CONTROL (ETC) SYSTEM > INTRODUCTION



NOTE: Diagnose and repair the following DTCs through **DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS** , and the Workshop Manual respectively before entering this pinpoint test:

- C1165
- P0102-P0104
- P0106-P0108
- P0236-P0238
- P0321
- P0715
- P0720
- P0731-P0735
- P2227-P2229
- U1027

This pinpoint test is intended to diagnose the informational PCM DTCs.

The informational DTCs are the result of the failure mode effects management (FME) operating strategy that maintains limited vehicle function in the event of a PCM, harness or component concern.

Circuit DTCs can be accompanied by the informational DTCs and should be diagnosed first. Informational DTCs without circuit DTCs may or may not indicate the actual concern and should be diagnosed as a symptom.

Powertrain Control Module (PCM) Connector

For PCM connector views or reference values, refer to REFERENCE VALUES .

Vehicle	Connector	Pin	Circuit
E-Series 6.8L, Escape/Kuga 2.5L, Explorer 3.7L, Explorer TiVCT 3.5L, F-650/F-750, F-Series Super Duty, Flex TiVCT 3.5L, Fusion 2.5L, MKS 3.7L, MKT 3.7L, MKX, MKZ 3.7L, Motorhome/Stripped Chassis/Step Van, Taurus TiVCT 3.5L,	190-PIN	B67, B68 B38	VPWR PCMRC