

FORD:

2013 F-650

2015 F-650

ISSUE

Some 2013 F-Super Duty F-650 vehicles equipped with a 6.8L engine and built on 5/1/2013 and through 12/4/2013, 2015 F-Super Duty F-650 vehicles equipped with a 6.8L engine and built on 3/1/2014 and through 4/30/2014 may exhibit an intermittent crank no-start condition with diagnostic trouble codes (DTCs) P0245A, P0245B, P0627 and/or U0109, or in some cases no DTCs. This condition may be caused by a terminal fit issue with one or more of the terminals in the body harness connector resulting in an intermittent electrical connection to the fuel pump control module (FPCM).

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using Integrated Diagnostic System (IDS), select Data Logger, powertrain control module (PCM) and utilize active command mode to command fuel pump (FP PID) on. Perform a wiggle test on the FPCM wire circuits in connector C3805 while listening for audible changes in the fuel pump sound indicating an intermittent loss of power to the fuel pump. Are any concerns observed with fuel pump operation?
 - a. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnosis.
 - b. Yes - proceed to Step 2.
2. Replace the wire harness connector C3805 using the service pigtail.
 - a. Make sure any unused service pigtail wire ends are sealed with heat shrink tube. Proceed to Step 3.
3. Inspect the male terminals in the FPCM for any signs of damage. If any terminals show signs of damage replace the FPCM with the latest level service part.

| PART NUMBER | PART NAME |
|-----------------|--------------------------|
| 3U2Z-14S411-TZA | Wiring Pigtail Kit |
| AA8Z-9D370-B | Fuel Pump Control Module |

| OPERATION | DESCRIPTION | TIME |
|-----------|--|-------------|
| MT140188 | Use Service Labor Time Standards For Diagnosis And Repair Or Actual Time | Actual Time |

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

DEALER CODING

| BASIC PART NO. | CONDITION CODE |
|----------------|----------------|
| 14405 | x4 |

NOTE: The information contained in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.