

SB-10056142-7180

FORD:

2013-2014 F-Super Duty

ISSUE

Some 2013-2014 F-Super Duty vehicles equipped with a 6.7L engine and built on or before 12/15/2013 may exhibit an illuminated malfunction indicator light (MIL) with exhaust gas temperature (EGT) sensor DTC stored in powertrain control module (PCM) memory. This may be caused by an improper crimp on the body side harness sensor connector. An improper sensor harness crimp can result in high EGT resistance and DTC P2080, P0544, P2084, P2031, P242A, P242B, P246E, P246F, P200C and/or P200E.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using the Ford Integrated Diagnostic System (IDS) or equivalent, check for continuous memory diagnostic trouble codes (CMDTC).
2. Is CMDTC P2080, P0544, P2084, P2031, P242A, P242B, P246E, P246F, P200C and/or P200E present?
 - a. No - this procedure does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnosis.
 - b. Yes - replace the 2-pin male connector on the vehicle body harness that corresponds with the EGT DTC observed using the solder splicing method. Refer to Wiring Diagram, Section 27-1 for EGT sensor locations. Refer to Wiring Diagram, Section 5-1 for solder splicing method instructions.
 - (1) Removing the EGT sensor from the vehicle is not required during the repair.
3. Clear the DTC.

PART NUMBER	PART NAME
3U2Z-14S411-BXAB	Pigtail Connector

OPERATION	DESCRIPTION	TIME
140108A	2013-2014 F-Super Duty 6.7L: Retrieve DTCs And Replace One (1) Male EGT Connector (Do Not Use With Any Other Labor Operations)	0.5 Hr.
140108B	2013-2014 F-Super Duty 6.7L: Retrieve DTCs And Replace Two (2) Male EGT Connectors (Do Not Use With Any Other Labor Operations)	0.7 Hr.
140108C	2013-2014 F-Super Duty 6.7L: Retrieve DTCs And Replace Three (3) Male EGT Connectors (Do Not Use With Any Other Labor Operations)	0.9 Hr.
140108D	2013-2014 F-Super Duty 6.7L: Retrieve DTCs And Replace All Four (4) Male EGT Connectors (Do Not Use With Any Other Labor Operations)	1.1 Hrs.

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions 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.

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.

DEALER CODING

BASIC PART NO.	CONDITION CODE
5J213	42