

SB-10057939-2146

**FORD:**

2013-2015 F-Super Duty

This article supersedes TSB 14-0184 to update the Service Labor Time Standards.

**ISSUE**

Some 2013-2015 F-Super Duty vehicles equipped with 6.7L diesel engines may exhibit an illuminated malfunction indicator lamp (MIL) with one or more of the following diagnostic trouble codes (DTCs) stored in the powertrain control module (PCM) memory: P0544, P0545, P0546, P06EA, P06EB, P2031, P2032, P2033, P200C, P200E, P2080, P2081, P2084, P2085, P242A, P242B, P242C, P242D, P242E, P246E, P246F, P2470, P2471, P2472, P2478, P2479, P247A, and/or P247B.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Is DTC P0544, P0545, P0546, P06EA, P06EB, P2031, P2032, P2033, P200C, P200E, P2080, P2081, P2084, P2085, P242A, P242B, P242C, P242D, P242E, P246E, P246F, P2470, P2471, P2472, P2478, P2479, P247A and/or P247B present?
  - a. No - this article does not apply, refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual to diagnose the concern.
  - b. Yes - proceed to Step 2.
2. Is DTC P200C and/or P200E stored in PCM memory with no other EGT DTCs present?
  - a. No - proceed to Step 4.
  - b. Yes - proceed to Step 3.
3. Use Integrated Diagnostic Service (IDS) freeze frame data readings to confirm when DTC P200C and/or P200E were set. Replace the corresponding EGT sensor as instructed below. Refer to the Workshop Manual (WSM), Section 303-14B:
  - If IDS freeze frame data shows EGT12 temperature is 650 °C (1292 °F) greater than EGT11 temperature replace EGT 12.
  - If EGT13 temperature is above 900 °C (1742 °F) replace EGT 13.
  - If IDS freeze frame data shows EGT13 temperature is 650 °C (1292 °F) greater than EGT12 temperature replace EGT 13.
  - If EGT14 temperature is above 900 °C (1742 °F) replace EGT 14.
  - If IDS freeze frame data shows EGT14 temperature is 650 °C (1292 °F) greater than EGT13 temperature replace EGT 14.
  - If two or more EGT sensors are reading 900 °C (1562 °F) or higher, or if the freeze frame temperature data does not fit the criteria listed in Step 3, this article does not apply. Refer to PC/ED manual pinpoint test RC to diagnose the concern.
4. Based on the DTCs retrieved in Step 1, replace the corresponding EGT sensor(s) as instructed below. Refer to the WSM, Section 303-14B:
  - DTCs P0544, P0545, P0546, P2080, P2081, P2478 replace EGT11.
  - DTCs P06EA, P2031, P2032, P2033, P2084, P2085, P2479 replace EGT12.

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.

- DTCs P242A, P242B, P242C, P242D, P242E, P247A replace EGT13.
  - DTCs P06EB, P246E, P246F, P2470, P2471, P2472, P247B replace EGT14.
5. Is the vehicle a 2013 F-Super Duty with DTC P06EA or P06EB stored in PCM memory?
- a. No - repairs complete, no further action is required.
  - b. Yes - reprogram the PCM to the latest calibration using IDS release 90.04 or higher. Make sure you are connected to the internet when entering module programming to obtain the latest updates. Calibration files may also be obtained at [www.motorcraftservice.com](http://www.motorcraftservice.com). Clear all DTCs.

NOTE: ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS

PART NUMBER	PART NAME
AC3Z-5J213-B	EGT Sensor

OPERATION	DESCRIPTION	TIME
140203A	2013-2015 F-Super Duty 6.7L: Diagnose And Replace One (1) EGT Sensor (Can Be Claimed With Operation E, F Or G ) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.5 Hr.
140203B	2013-2015 F-Super Duty 6.7L: Diagnose And Replace Two (2) EGT Sensors (Can Be Claimed With Operation E, F Or G) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.6 Hr.
140203C	2013-2015 F-Super Duty 6.7L: Diagnose And Replace Three (3) EGT Sensors (Can Be Claimed With Operation E, F Or G) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.8 Hr.
140203D	2013-2015 F-Super Duty 6.7L: Diagnose And Replace Four (4) EGT Sensors (Can Be Claimed With Operation E, F Or G) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.9 Hr.
140203E	2013-2015 F-Super Duty 6.7L: Additional Time To Reprogram The PCM (Can Be Claimed With Operation A-G) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.6 Hr.
140203F	2013-2015 F-Super Duty 6.7L: If Required, Additional Time To Remove And Install Fuel Shield To Access Lifting Points (Can Be Claimed With Operation A-E) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.1 Hr.
140203G	2013-2015 F-Super Duty FX4 6.7L: If Required, Additional Time To Remove And Install Fuel Shield To Access Lifting Points (Can Be Claimed With Operation A-E) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.3 Hr.

**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.

**DEALER CODING**

TSB 14-0203 (Continued)

BASIC PART NO.	CONDITION CODE
5J213	42