

6.7L - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) WITH DIAGNOSTIC TROUBLE CODE (DTC) P244A - BUILT ON OR BEFORE 12-MAY-2017

TSB 17-0053

FORD:

2017 F-Super Duty

This article supersedes TSB **17-0048** to update the Service Labor Time Standards (SLTS).

ISSUE

Some 2017 F-Super Duty vehicles equipped with a 6.7L engine built on or before 12-May-2017 may exhibit an illuminated MIL with DTC P244A. This may be due to a malfunction of the diesel particulate filter (DPF) differential pressure sensor.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool to the data link connector (DLC). Check for diagnostic trouble codes (DTCs). Is DTC P244A the only DTC stored in the powertrain control module (PCM) memory?
 - a. Yes - the PCM memory only contains DTC P244A. Proceed to Step 2.
 - b. No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Using IDS or equivalent scan tool, access PCM datalogger and monitor parameter identification (PID) DPF_INP_V with the key on engine off (KOEO). Does the DPF_INP_V PID read less than 0.4 volts (V)?
 - a. Yes - replace the DPF differential pressure sensor. Refer to Workshop Manual (WSM), Section 303-14. Proceed to Step 3.
 - b. No - proceed to Step 3.
3. Reprogram the PCM to the latest calibration using IDS release 105.04 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.

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
HC3Z-9J460-A	Differential Pressure Sensor Assembly - (Pickup 164" and 148" Wheelbase)
HC3Z-9J460-C	Differential Pressure Sensor Assembly - (Pickup - 160" Wheelbase)
HC3Z-9J460-B	Differential Pressure Sensor Assembly - (Chassis Cab)

OPERATION	DESCRIPTION	TIME
170053A	2017 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The PCM Includes Time To monitor PIDS (Do Not Use With Any Other Labor Operations)	0.5 Hr.

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.

OPERATION	DESCRIPTION	TIME
170053B	2017 F-Super Duty 6.7L: Retrieve DTCs, Replace The DPF Differential Pressure Sensor And Reprogram The PCM Includes Time To monitor PIDS (Do Not Use With Any Other Labor Operations)	0.8 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

BASIC PART NO.	CONDITION CODE
RECALEM (Use With Labor Operation A)	42
9J460 (Use With Labor Operation B)	04