

**6.7L DIESEL ENGINE - MALFUNCTION INDICATOR LAMP (MIL)  
ILLUMINATED - WITH DIAGNOSTIC TROUBLE CODES (DTC) P259F,  
P0234 AND/OR P0236**

**TSB 15-0077**

## **SB-10058369-9184**

**FORD:**

2015 F-Super Duty

**ISSUE**

Some 2015 F-Super Duty pickup vehicles equipped with a 6.7L diesel engine may exhibit a MIL illuminated with DTCs P259F, P0234 and/or P0236 stored in the powertrain control module (PCM) memory.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Using the Ford Integrated Diagnostic Service (IDS) service tool or equivalent scan tool, check for any continuous memory DTCs (CMDTCs). Is DTC P259F present?
  - a. No - this article does not apply, refer to Powertrain Control/Emission Diagnosis (PC/ED) manual for normal diagnostics.
  - b. Yes - proceed to Step 2.
2. Are there any DTCs other than P259F, P0236 and/or P0234 combined?
  - a. Yes - this article does not apply, refer to PC/ED manual for diagnostics.
  - b. No - proceed to Step 3.
3. Using IDS, enter PCM datalogger and select the following parameter identifications (PIDs):
  - EBP (psi/kPa)
  - MAP\_A (psi/kPa)
  - BARO (psi/kPa)
4. Compare the EBP and MAP readings against the BARO PID reading with ignition on, engine off. Is the EBP within 7.5 kPa (1.09 psi) and the MAP\_A within 5 kPa (0.73 psi) of the BARO PID reading?
  - a. No - this article does not apply, refer to PC/ED manual for normal diagnostics.
  - b. Yes - replace the turbocharger assembly. Refer to Workshop Manual, Section 303-04.

<b>PART NUMBER</b>	<b>PART NAME</b>
BC3Z-9439-C	Intake Manifold Gasket C (2 Req)
BC3Z-9439-A	Intake Manifold Gasket A
BC3Z-9439-B	Intake Manifold Gasket B
FC3Z-6B689-A	Oil Tube
BC3Z-8527-N	Oil Ring
FC3Z-9U469-B	Coolant Tube
BC3Z-6731-B	Oil Filter Assembly FL-2051-S
BC3Z-9E464-B	EGR Tube Gasket (2 Req)
W711407-S900	Down Pipe Bolt (2 Req)

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.

PART NUMBER	PART NAME
W711402-S900	Turbo Exhaust Outlet Pipe Nut (6 Req)
W716088-S900	Oil And Coolant Tube Bolt (3 Req)
FC3Z-9T514-A	Turbo Gasket, Clamp And Bolt Kit
VC-3DIL-B	Motorcraft® Orange Antifreeze/Coolant Prediluted (1 Gallon Req)
XO-5W40-5QSD	Motorcraft® SAE 5W-40 Full Synthetic Diesel Motor Oil (13.0 Quarts Req )
FC3Z-6K682-B	Turbocharger Assembly

OPERATION	DESCRIPTION	TIME
150077A	2015 F-Super Duty 6.7L: Diagnose And Replace The Turbocharger Assembly (Can Be Claimed With Operation B Or C) (Do Not Use With Any Labor Operations Outside Of This Article)	5.0 Hrs.
150077B	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) (Do Not Use With Any Other Labor Operations Outside Of This Article)	0.1 Hr.
150077C	2015 F-Super Duty (FX4 Model) 6.7L: If Required, Additional Time To Remove And Install Fuel Shield To Access Lifting Points (Can Be Claimed With Operation A) (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**

BASIC PART NO.	CONDITION CODE
6K682	42