

FORD:

2013 F-150

ISSUE

Some 2013 F-150 vehicles equipped with a 3.5L Gasoline Turbocharged Direct Injection (GTDI) engine and with an engine build date of 4/1/2013 and through 9/15/2013, may exhibit a shudder/runs rough concern at hot idle during stop-and-go driving and/or diagnostic trouble code (DTC) P0015 stored. The malfunction indicator lamp (MIL) may or may not be illuminated.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Determine the engine build date. Refer to Workshop Manual (WSM), Section 303-01. Is the engine build date on 4/1/2013 and through 9/15/2013?
 - a. Yes - the engine build date is on 4/1/2013 and through 9/15/2013; proceed to Step 2.
 - b. No - this procedure does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Replace the Brake Vacuum Pump. Refer to WSM, Section 206-07.

PART NUMBER	PART NAME
DL3Z-2A451-B	Brake Vacuum Pump Assembly
TA-357	Motorcraft® High Performance Engine RTV Silicone
ZC-31-B	Motorcraft® Metal Surface Prep Wipes

OPERATION	DESCRIPTION	TIME
131215A	2013 F-150 3.5L GTDI: Check DTCs And Replace The Brake Vacuum Pump (Do Not Use With Any Other Labor Operations)	0.9 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
2A451	42

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.