

**3.5L GASOLINE TURBO DIRECT INJECTED ENGINES (GTDI)  
MALFUNCTION INDICATOR LAMP (MIL) ILLUMINATED - DTC P012B  
AND/OR P012D**

**TSB 14-0082**

**FORD:**

2013 F-150

**ISSUE**

Some 2013 F-150 vehicles equipped with a 3.5L GTDI engines may exhibit a MIL illuminated with diagnostic trouble code (DTC) P012B (turbocharger/supercharger inlet pressure sensor circuit range/performance) and/or P012D (turbocharger/supercharger inlet pressure sensor circuit high) stored in powertrain control module (PCM) memory.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Using the Ford Integrated Diagnostic System (IDS) service tool or equivalent, check all continuous memory diagnostic trouble codes (CMDTCS). Is DTC P012B and/or P012D stored in PCM memory?
  - a. No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
  - b. Yes - replace turbocharger intake pressure and temperature (TCIPT) sensor and connector C1667. Refer to Workshop Manual (WSM), Section 303-014 and Wiring Diagram Section 5-1. (Figure 1)

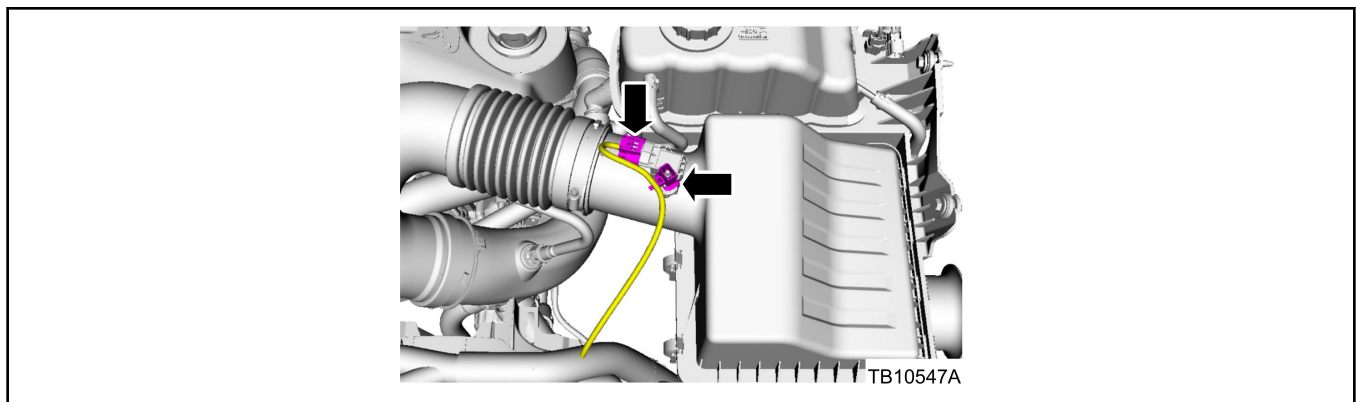


Figure 1 - Article 14-0082

PART NUMBER	PART NAME
BU2Z-14S411-ATA	Wire Assembly
CV2Z-9F479-A	Sensor Assembly

OPERATION	DESCRIPTION	TIME
140082A	2013 F-150 3.5L GTDI: Retrieve DTCs, Replace The TCIPT Sensor And Electrical Connector. Includes Time To Clear DTCs (Do Not Use With Any Other Labor Operations)	0.7 Hr.

**WARRANTY STATUS:**

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

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 supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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**

<b>BASIC PART NO.</b>	<b>CONDITION CODE</b>
12A581	28