2.0L GTDI—MALFUNCTION INDICATOR LAMP (MIL)—DIAGNOSTIC TROUBLE CODE (DTC) P144C—VEHICLES BUILT ON OR BEFORE 10/1/2011

TSB 13-5-29

FORD:
2012 Explorer

ISSUE

Some 2012 Explorer vehicles built on or before 10/1/2011 and equipped with a 2.0L Gasoline Turbocharged Direct Injection (GTDI) engine may exhibit an illuminated MIL with DTC P144C. This may be due to a blocked vapor purge line port in the air cleaner outlet pipe assembly.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Disconnect battery ground cable. Refer to Workshop Manual (WSM), Section 414-01.
2. Disconnect evaporative emission fuel vapor tube quick connect coupling from the air intake duct center section. Refer to WSM, Section 303-13. (Figure 1)

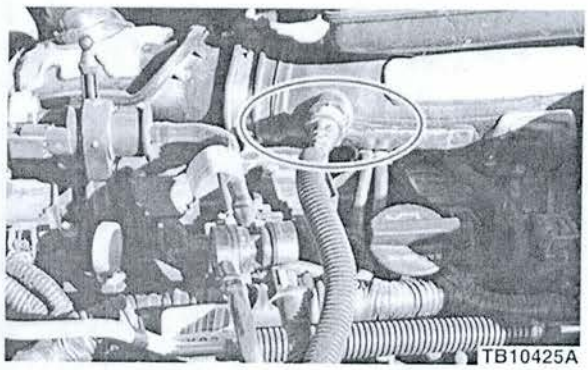

Figure 1 - Article 13-5-29

3. Insert a 5.0 mm (.197″) drill bit or equivalent diameter gauge into the vapor purge line port on the air intake duct center section to determine if it is blocked by plastic flashing. A 5.0 mm (.197″) minimum opening is required for proper Evaporative Emission system operation during boost.
4. Does drill bit or equivalent diameter gauge pass through vapor purge line port?
   a. Yes - this article does not apply. Connect evaporative emission fuel vapor tube to air intake duct center section and reconnect the battery ground cable. Refer to Powertrain Control/Emissions Diagnosis manual for normal diagnostics.
   b. No - proceed to Step 5.
5. Replace air cleaner outlet pipe assembly. Tighten all fasteners to 5 N•m (44 lb-in). Refer to WSM, Section 303-12.
6. Connect evaporative emission fuel vapor tube to air intake duct center section and battery ground cable.

PART NUMBER	PART NAME
BB5Z-9B659-E	Hose - Air

NOTE: The information 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 or Lincoln 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.

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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.

OPERATION	DESCRIPTION	TIME
130529A	2012 Explorer 2.0L GTDI: Check DTCs Inspect And Replace The Air Cleaner Outlet Pipe Assembly (Do Not Use With Any Other Labor Operations)	0.4 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
9B659	55