

SB-10056141-3970

FORD:

2013-2014 Escape

ISSUE

Some 2013-2014 Escape vehicles equipped with 1.6L or 2.0L Gasoline Turbocharged Direct Injection (GTDI) engines may exhibit malfunction indicator lamp (MIL) illuminated with diagnostic trouble codes (DTC) P2111, P2101 or P2112 stored in powertrain control module (PCM) memory, and in some instances a lack of power, in ambient temperatures below 0 °C (32 °F).

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Does the condition occur in ambient temperatures below 0 °C (32 °F)?
 - a. Yes - proceed to Step 2.
 - b. No - this article does not apply. Refer to Powertrain Control/Emission Diagnosis (PC/ED) manual for normal diagnostics.
2. Using Integrated Diagnostic System (IDS) service tool or equivalent, check for DTCs.
3. Does the vehicle contain DTC P2111, P2101 or P2112 stored in PCM memory and, in some instances, a lack of power?
 - a. Yes:
 - (1) 1.6L GTDI proceed to Step 4.
 - (2) 2.0L GTDI proceed to Step 5.
 - b. No - this article does not apply. Refer to PC/ED manual for normal diagnostics.
4. Replace the Charge Air Cooler (CAC) tube and screen assembly from the CAC to the throttle body.
 - a. Raise the vehicle. Refer to Workshop Manual (WSM), Section 100-02.
 - b. Remove the front lower splash shield. Refer to WSM, Section 303-04.
 - c. Disconnect the CAC tube at the throttle body.
 - d. Remove the nut at the transmission oil pan.
 - e. Disconnect and remove the CAC tube at the left hand CAC connection. Refer to WSM, Section 303-12.
 - f. Install a new CAC tube.
 - g. Reverse the removal steps for installation. Repair is complete.
5. Replace the Charge Air Cooler (CAC) tube and screen assembly from the CAC to the throttle body.
 - a. Raise vehicle. Refer to Workshop Manual (WSM), Section 100-02.
 - b. Remove front lower splash shield. Refer to WSM, Section 303-04.
 - c. Disconnect the fuel vapor separator tube quick connect.
 - d. Disconnect the CAC tube at the throttle body.

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.

- e. Disconnect and remove the CAC tube at the right hand CAC connection. Refer to WSM, Section 303-12.
- f. Install a new CAC tube.
- g. Reverse the removal steps for installation. Repair is complete.

PART NUMBER	PART NAME
CV6Z-6C640-RA	CAC Tube – 1.6L GTDI
CV6Z-6C640-SA	CAC Tube – 2.0L GTDI

OPERATION	DESCRIPTION	TIME
140107A	2013-2014 Escape 1.6L/2.0L GTDI: Check DTCs And Replace The CAC Tube 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
 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
9424	42