

1.5L/2.0L/2.3L - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) - DTCS P0455, P0456, P144C AND/OR P1450 - BUILT ON OR BEFORE 24-JAN-2017

TSB 17-0051

FORD:

2017 Escape

LINCOLN:

2017 MKC

ISSUE

Some 2017 Escape and MKC vehicles equipped with a 1.5L, 2.0L or 2.3L engine and built on or before 24-Jan-2017 may exhibit an illuminated MIL with diagnostic trouble codes (DTCs) P0455, P0456, P144C and/or P1450 stored in the powertrain control module (PCM) memory. Vehicles may also exhibit a rough idle and/or slow fuel fill concern. These concerns may be due to liquid fuel carryover into the evaporative emission (EVAP) canister and/or EVAP canister purge valve.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool to the data link connector (DLC). Check for DTCs. Is P0455, P0456, P144C and/or P1450 stored in the PCM memory?
 - a. Yes - proceed to Step 2.
 - b. No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Inspect for liquid fuel at the EVAP canister or EVAP blocking valve.
 - a. 1.5L/2.0L - disconnect the line on the EVAP blocking valve using the quick connect coupling. Refer to Workshop Manual (WSM), Section 303-13.
 - b. 2.3L - disconnect the lower line on the EVAP canister using the quick connect coupling. Refer to WSM, Section 303-13.
3. Is liquid fuel present at the EVAP canister or EVAP blocking valve?
 - a. Yes - proceed to Step 4.
 - b. No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
4. Replace the EVAP canister and the EVAP canister purge valve. Refer to WSM, Section 303-13.
 - a. Before installing new components remove any remaining liquid fuel into a suitable container using a maximum of 172 kPa (25 psi) regulated low pressure shop air. Use a rubber tipped blowgun at the lower EVAP canister vapor line hose connection on the EVAP canister and in the engine compartment at the EVAP canister purge valve vapor line hose connection which leads to the EVAP canister. Refer to WSM, Section 303-13.

PART NUMBER	PART NAME
GV6Z-9D289-A	Evaporative Emission Canister Purge Valve - 1.5L
GV6Z-9D289-B	Evaporative Emission Canister Purge Valve - 2.0L/2.3L
EJ7Z-9D653-A	Evaporative Emission Canister - 2.3L MKC

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
HG9Z-9D653-A	Evaporative Emission Canister - All Except 2.3L MKC
W520103-S403	Exhaust Nut - All Except MKC - 1 pkg
W520103-S442	Exhaust Nut (MKC) - 1 pkg
W716824-S442	Fuel Tank Strap Bolt
5F9Z-4682-AA	Driveshaft Bolt (6 Required)
CV6Z-9450-D	Exhaust Gasket - All

OPERATION	DESCRIPTION	TIME
170051A	2017 Escape 4X2, MKC FWD: Retrieve DTCs Inspect Vapor Line And Replace The EVAP Emission Canister And Purge Valve Following The Service Procedure (Do Not Use With Any Other Labor Operations)	1.0 Hr.
170051B	2017 Escape 4X4, MKC AWD: Retrieve DTCs Inspect Vapor Line And Replace The EVAP Emission Canister And Purge Valve Following The Service Procedure (Do Not Use With Any Other Labor Operations)	3.0 Hrs.

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
9D289	42