

**3.7L - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) -  
DIAGNOSTIC TROUBLE CODE (DTC) P013C - BUILT ON OR BEFORE  
4/21/2016**

**TSB 16-0078**

**LINCOLN:**  
2016 MKX

**ISSUE**

Some 2016 MKX vehicles equipped with a 3.7L Duratec engine and built on or before 4/21/2016 may exhibit an illuminated MIL with DTC P013C stored in the powertrain control module (PCM). This may be caused by improper sealing of the left side exhaust y-pipe flange due to weld splatter or exhaust pipe intrusion into the flange sealing surface.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Use the Ford Integrated Diagnostic System (IDS) or equivalent scan tool to check for DTCs in the PCM. Is DTC P013C present?
  - a. Yes - proceed to Step 2.
  - b. No - this article does not apply. Refer to the Powertrain Controls and Emissions Diagnostics (PC/ED) manual for normal diagnostics.
2. Remove the exhaust y-pipe. Refer to Workshop Manual (WSM), Section 309-00.
3. Inspect the left side exhaust y-pipe flange sealing area that attaches to the left side catalytic converter for signs of weld slag and/or exhaust pipe intrusion into the flange sealing area. Are sign of weld slag and/or exhaust pipe intrusion present in the flange sealing area? (Figures 1-2)

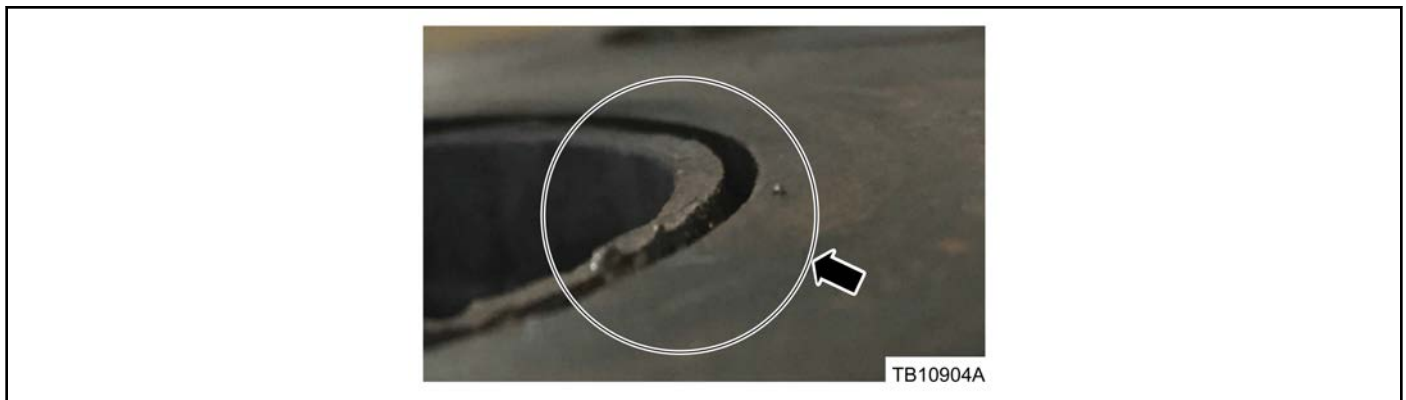


Figure 1 - Article 16-0078

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.

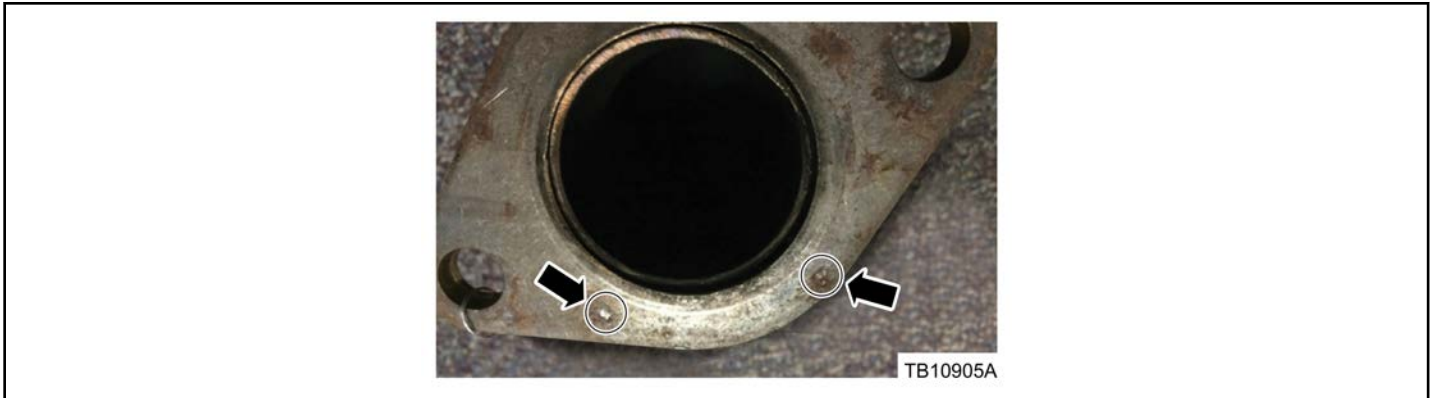


Figure 2 - Article 16-0078

- a. Yes - proceed to Step 4.
  - b. No - proceed to Step 5.
4. Use a flat file or 60 grit sandpaper on an oscillating sander with a flat pad to remove the weld slag and/or exhaust pipe material protruding above the flange sealing surface.
    - a. Removing too much material from the flange sealing surface may cause additional exhaust leaks.
  5. Check for proper torque of the left side catalyst monitoring sensor (CMS). The CMS should be torqued to 48 Nm (35 lb-ft).
  6. Clean the exhaust y-pipe mounting flanges with a clean microfiber cloth and replace the exhaust y-pipe gaskets.
  7. Reinstall the exhaust y-pipe. Refer to WSM, Section 309-00.
  8. Clear DTCs from the PCM memory.

PART NUMBER	PART NAME
F2GZ-9450-A	Gasket - Exhasut Y Pipe Outlet
7T4Z-9450-AA	Gasket - Exhaust Y Pipe Flange to Converter Gasket
W714265-S442	Fastener - Exhaust System (8 Req.)

OPERATION	DESCRIPTION	TIME
160078A	2016 MKX 3.7L: Retrieve DTCs And Clean Sealing Surfaces Following The Service Procedure (Do Not Use With Any Other Labor Operations)	0.6 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
5G203	D8