6F35 - HARSH TRANSMISSION ENGAGEMENT DURING ACTIVE START/ STOP EVENT AND DTC P0C27	TSB 16-0111

FORD:

2014-2016 Fusion

2015-2016 Edge

ISSUE

Some 2014-2016 Fusion and 2015-2016 Edge vehicles equipped with a 6F35 transmission and active start/stop feature may exhibit an illuminated malfunction indicator lamp (MIL) with a harsh transmission engagement after an active stop/ start event. Diagnostic trouble code (DTC) P0C27 will be stored in the powertrain control module (PCM) memory. This condition may be caused by air entering the transmission fluid auxiliary pump supply tube.

ACTION

Follow the Service Procedure steps to correct the concern.

SERVICE PROCEDURE

1. Using an Integrated Diagnostic System (IDS) or equivalent scan tool retrieve DTCs. Is DTC P0C27 present in the PCM memory?
   a. Yes - proceed to Step 2.
   b. No - this article does not apply. Refer to Workshop Manual (WSM), Section 307-01.
2. Check the transmission build date. Refer to WSM, Section 307-01. Was the transmission built on or before 2/26/2016?
   a. Yes - proceed to Step 3.
   b. No - this article does not apply. Refer to WSM, Section 307-01.
3. Remove the transmission fluid auxiliary pump. Refer to WSM, Section 307-01.
4. Remove and discard the transmission fluid auxiliary pump supply tube. (Figure 1)



Figure 1 - Article 16-0111

5. Install a new transmission fluid auxiliary pump supply tube which contains a check ball.
6. Reinstall the transmission fluid auxiliary pump. Refer to WSM, Section 307-01.
7. Clear DTCs.

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.

PART NUMBER	PART NAME
DG9Z-7A136-B	Gasket - Pump
W715931-S437	Bolts - Pump (3 Req)
DG9Z-7890-G	Pick Up Tube
XT-10-QLVC	Motorcraft® MERCON® LV Automatic Transmission Fluid

OPERATION	DESCRIPTION	TIME
160111A	2014-2016 Fusion, 2015-2016 Edge 6F35 Transmission: Retrieve DTCs And Replace The Transmission Fluid Auxiliary Pump Supply Tube (Do Not Use With Any Other Labor Operations)	1.6 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
7890	42