

LINCOLN:

2017 Continental

ISSUE

Some 2017 Continental vehicles equipped with a 2.7L or 3.0L engine with AWD and built on or before 30-Sep-2016 may exhibit an illuminated malfunction indicator lamp (MIL), low oil pressure warning, inoperative air conditioning (A/C) and/or AWD fault message in the instrument panel cluster (IPC), with fuse F3 open in the battery junction box (BJB). In addition, diagnostic trouble codes (DTCs) P0034, P0245, P0480, P0481, P0645, P06A0, P06DB, P0A15, P0AB7, P2602, P2681, U0284 and/or other communication DTCs may be present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) or equivalent scan tool and retrieve DTCs. Are any of the following DTCs present: P0034, P0245, P0480, P0481, P0645, P06A0, P06DB, P0A15, P0AB7, P2602, P2681, U0284 and/or other communication DTCs?
 - a. Yes - proceed to Step 2.
 - b. No - this article does not apply. Refer to Powertrain Control Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Inspect fuse F3 in the BJB. Is fuse F3 open?
 - a. Yes - proceed to Step 3.
 - b. No - this article does not apply. Refer to PC/ED manual for normal diagnostics.
3. Raise the vehicle and remove the underbody shield if equipped. Refer to Workshop Manual (WSM), Section 303-01.
4. Visually inspect the engine wiring harness to the power transfer unit (PTU) cooling pump, near connector C1586, for contact and wire chaffing with the electronic power assist steering (EPAS) PTU heat shield. Was a wiring issue found? (Figure 1)



Figure 1 - Article 16-0159

- a. Yes - proceed to Step 5.
- b. No - this article does not apply. Refer to PC/ED manual for normal diagnostics.

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.

5. Disconnect the battery. Refer to WSM, Section 414-01.
6. Disconnect the PTU temperature sensor.
7. Disconnect the harness push pin retainer on the EPAS heat shield and the two push pin retainers on the PTU.
8. Disconnect the PTU coolant pump electrical connector and the PTU coolant pump harness retainers.
9. Position the wiring harness towards the rear of the vehicle to access the damaged wires.
10. Repair the wire concern. Refer to cell 5 in the Wiring Diagram (WD). The wiring harness should also be wrapped with Rotunda Technician Tool Program (RTTP) Coroplast wiring harness tape or equivalent.
11. Add a new wiring harness retention clip to the harness 20 mm (13/16") closer to the PTU from the original clip. This will move the harness away from the PTU to prevent chafing on the PTU housing. Remove and discard the original retention clip. (Figure 2)

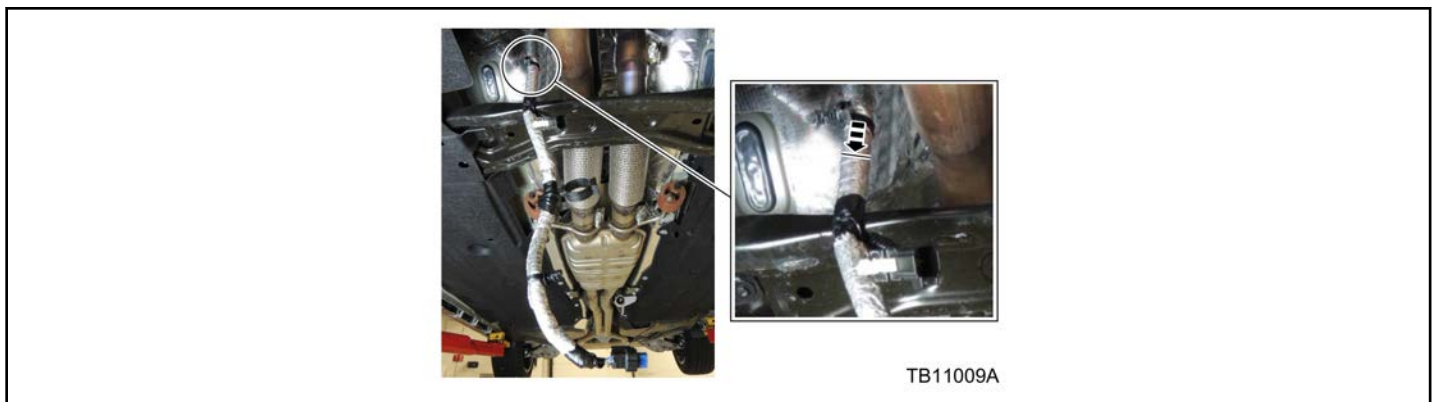


Figure 2 - Article 16-0159

12. Reconnect the PTU temperature sensor, PTU coolant pump and all retainers.
 - a. Attach the new wiring harness retention clip to the lower boss retention point on the PTU. (Figure 3)

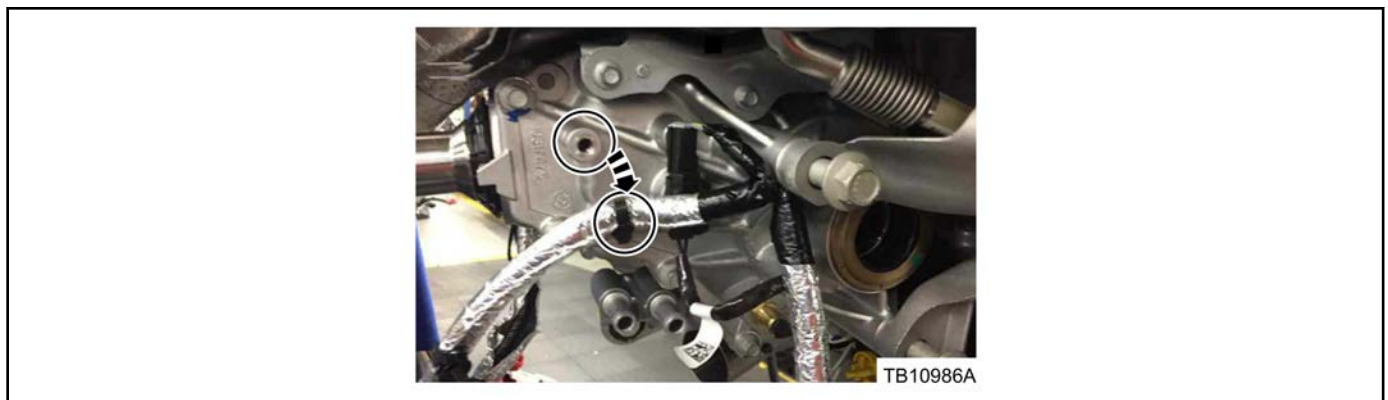


Figure 3 - Article 16-0159

13. Reinstall the underbody shield. Refer to WSM, Section 501-02.
14. Replace fuse F3 as required.
15. Reconnect the battery. Refer to WSM, Section 414-01.

Obtain Locally	
Part Number	Part Description

TSB 16-0159 (Continued)

(Continued)

NAI837X	Coroplast Electrical Wire Harness Tape (RTTP)
---------	---

PART NUMBER	PART NAME
CU5Z-14A163-B	Clip
3U2Z-14A088-BA	Splice Kit
DG9Z-14526-K	Fuse

OPERATION	DESCRIPTION	TIME
160159A	2017 Continental AWD 2.7L/3.0L GTDI: Retrieve DTCs, Check Fuse, Visually Inspect And Repair Harness Following The Service Procedure Includes Time To Replace Fuse If Necessary (Do Not Use With Any Other Labor Operations)	1.8 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
14A163	95