

SB-10058060-3103

FORD:
2015 Transit

ISSUE

Some 2015 Transit vehicles built on or before 3/30/2015 may exhibit various drivability concerns and may have an illuminated check engine lamp with one or more of the following diagnostic trouble codes (DTCs): P00BD, P1247, P1548, P061B, P2195, P2198, P2196, P2197, P0171, P0172, P0174, P0175 or P162F stored in the powertrain control module (PCM) memory.

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). Is DTC P00BD, P1247, P1548, P061B, P2195, P2198, P2196, P2197, P0171, P0172, P0174, P0175, P162F stored in the PCM memory or is there a customer drivability issue?
 - a. Yes - proceed to Step 2.
 - b. No - this procedure does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual.
2. Remove the cowl panel grille. Refer to Workshop Manual (WSM), Section 501-02.
3. Clean off the back of the cowl panel grille with a clean cloth.
4. Apply a foam tape strip along the back of the cowl panel grille. (Figure 1)

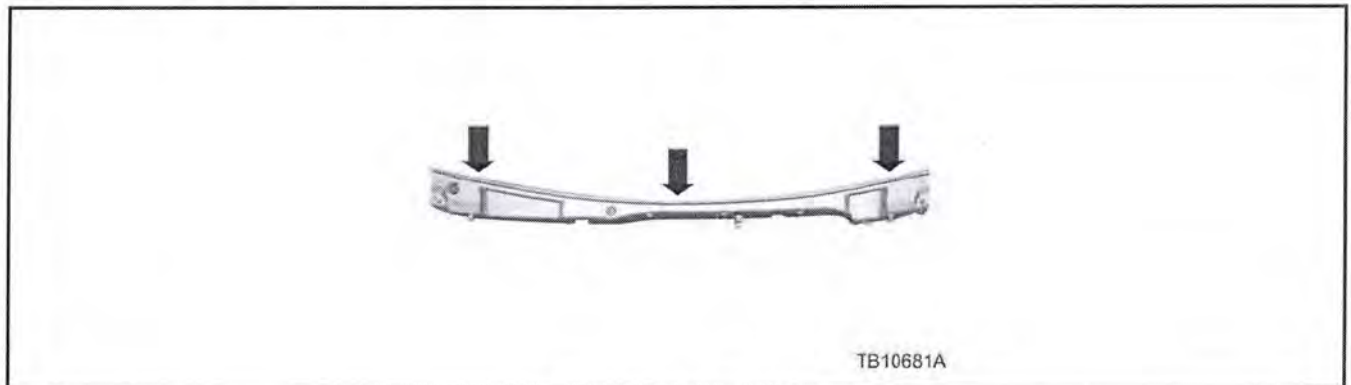


Figure 1 - Article 15-0074

5. Remove and discard the drain hose from the passenger side of the cowl panel grille by pulling the hose from the drain nozzle. (Figure 2)

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.

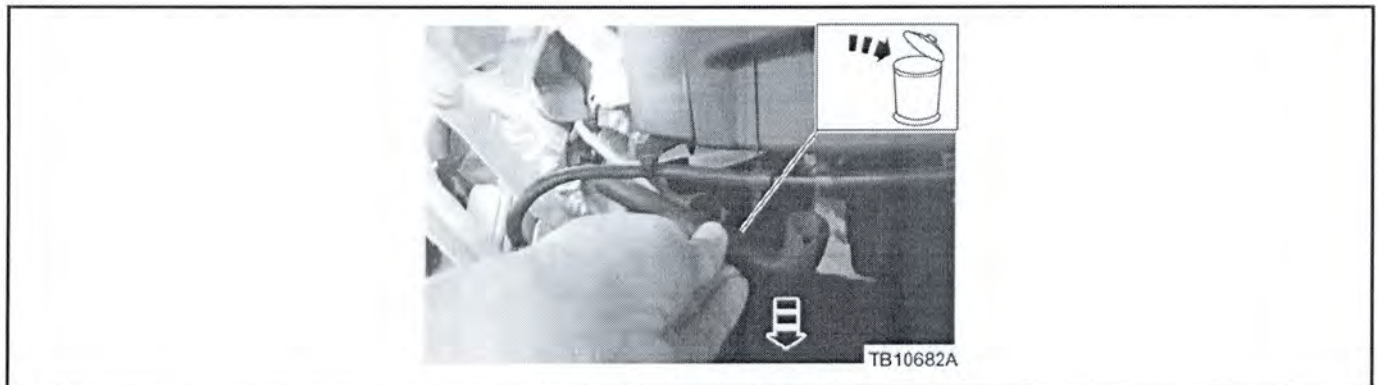


Figure 2 - Article 15-0074

6. Reinstall cowl panel grille. Refer to WSM, Section 501-02.
7. Install a cowl panel grille diverter on the passenger side.
 - a. Install the outboard end of the diverter into the sheet metal notch behind the hood hinge. Route the orange antenna wire in front of the diverter. (Figure 3)



Figure 3 - Article 15-0074

- (1) The vehicle is equipped with a driver side diverter. Refer to the driver side diverter for proper positioning.
- b. Route the washer hose under the inboard end of the diverter and snap the diverter up onto the cowl panel grille. (Figure 3)
- c. Attach the washer hose clip to the front edge of the diverter. (Figure 3)
8. Add mastic patch to the body seam.
 - a. Remove the air cleaner cover and air cleaner element. Refer to WSM, Section 303-12.

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- b. Clean the body joint between the right inner fender and dash panel. Wipe the area clean with Motorcraft® Metal Surface Prep Wipes or equivalent. (Figure 4)

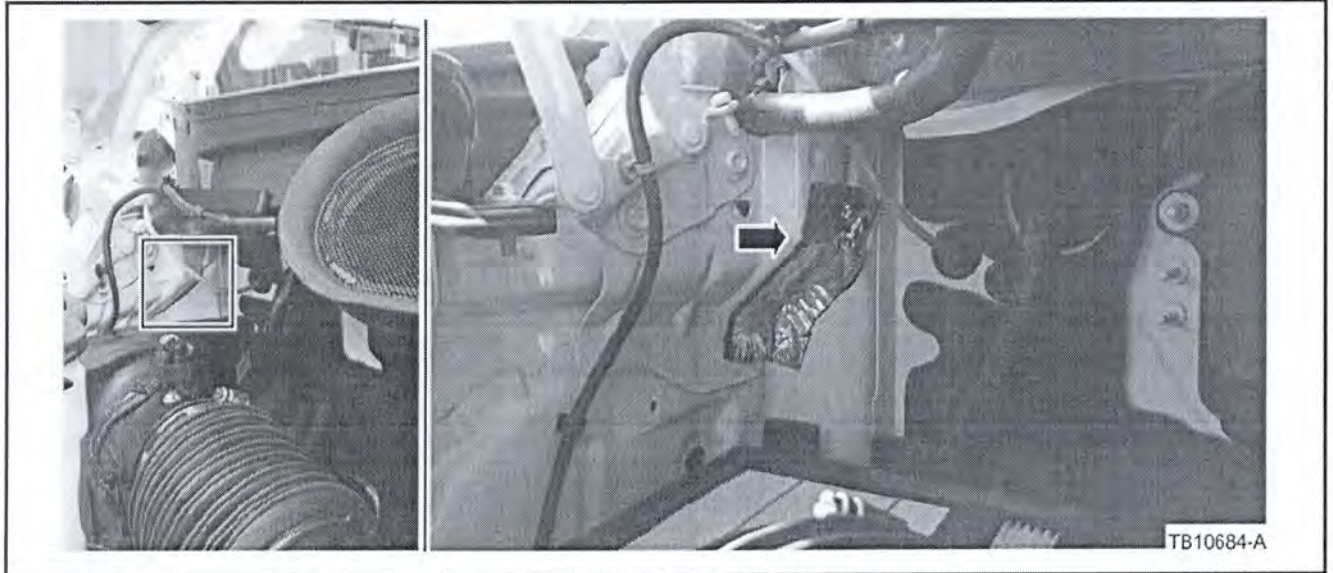


Figure 4 - Article 15-0074

- c. Cut the mastic patch to 8 cm x 13 cm (3" x 6") and apply the patch to the area making sure to have good adhesion to both sides of the body. Remove any debris from the air cleaner tray. (Figure 4)
9. Is the vehicle is equipped with a:
 - 3.2L Duratorq–TDCi engine with DTC P00BD or P1247 stored in PCM memory?
 - 3.5L Gasoline Turbocharged Direct Injected (GTDI) engine with DTC P1548 stored in the PCM memory?
 - 3.7L Duratec engine with a hard start, no-start concern and/or DTC P061B, P2195, P2198, P2196, P2197, P0171, P0172, P0174, P0175 stored in PCM memory or the INF_FF PID value is greater than 30%?
 - a. Yes - proceed to Step 10.
 - b. No - proceed to Step 11.
 10. Inspect the air cleaner element. Is the air cleaner element dry or damp?
 - a. Yes - a dry or damp air cleaner element can be reused. Reinstall the air cleaner element and air cleaner cover. Refer to WSM, Section 303-12. Normal engine operation can naturally dry a damp air cleaner elemen. Proceed to Step 11.
 - b. No - an air cleaner element saturated with water or ice should be replaced. Replace the air cleaner element and reinstall the air cleaner cover. Refer to WSM, Section 303-12. Proceed to Step 11.
 11. Is the vehicle is equipped with a 3.7L Duratec engine that exhibits a crank no-start concern, DTC P162F is stored in PCM memory and/or IDS FF_INF PID reading is greater than 30%?
 - a. Yes - clear keep alive memory (KAM) using IDS. Go to Powertrain - Reset KAM - PCM.
 - b. No - clear DTCs.

PART NUMBER	PART NAME
CK4Z-6102408-AA	Water Diverter
CK4Z-9601-A	Air Filter
CK4Z-61021A46-A	Leaf Screen Foam Seal

PART NUMBER	PART NAME
4L3Z-18203A16-AA	Mastic Patch
ZC-31-B	Motorcraft® Metal Surface Prep Wipes

OPERATION	DESCRIPTION	TIME
150074A	2015 Transit: Retrieve DTCs, Reseal Cowl Area Following The Service Procedure Includes Time To Clear KAM Or DTCs (Do Not Use With Any Other Labor Operations)	0.8 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
9601	42