

FORD:

2016-2017 Transit

ISSUE

Some 2016-2017 Transit vehicles with low mileage equipped with a 3.2L engine and built on or before 13-Nov-2016 may exhibit an illuminated malfunction indicator lamp (MIL) and diagnostic trouble code (DTC) P24A5 at a low time in service approximately 8,000 Km (5,000 miles) with or without P2457. This may be due to the vehicle being built with an EGR cooler that is not correct for the vehicle.

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 DTC. Is P24A5 stored in the powertrain control module (PCM) memory with or without P2457?
 - 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. Use a mirror and inspect the right rear corner of the EGR cooler (behind the exhaust manifold) for the proper application. Does the EGR cooler have its bypass valve bell crank between the two outer mounting bolts and a curved plate edge? (Figures 1 and 2)



Figure 1 - Article 17-0009

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.

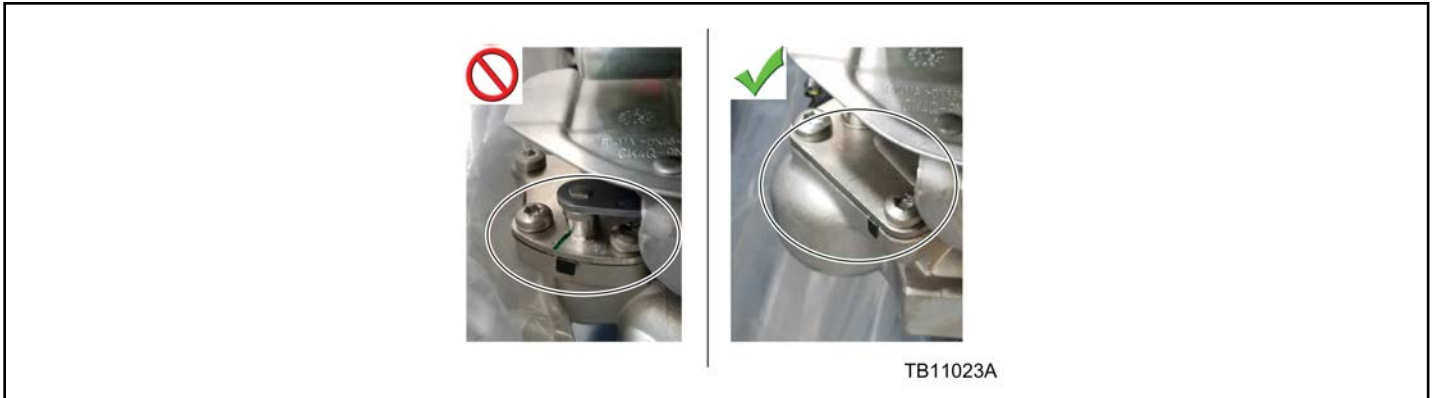


Figure 2 - Article 17-0009

- a. Yes - replace the EGR cooler. Refer to Workshop Manual (WSM), Section 303-08.
- b. No - this article does not apply. Refer to the PC/ED manual for normal diagnostics.

PART NUMBER	PART NAME
CK4Z-9U433-B	EGR Cooler And Cooler Gasket
CK4Z-9F481-A	EGR Cooler Vee-Clamp
W520101-S437	EGR Cooler Vee-Clamp Nut
BK2Z-9E464-A	EGR Gasket
6C1Z-9E464-A	Mixer Tube Gasket
BB3Z-6C653-A	Throttle Body Gasket
XS7Z-8527-A	Inspect Intake Gaskets
BK2Z-8527-A	Inspect EGR Mixer O-ring
VC-3-B	Motorcraft® Orange Concentrated Antifreeze/Coolant

OPERATION	DESCRIPTION	TIME
170009A	2016-2017 Transit 3.2L: Retrieve DTCs, Inspect And Replace The EGR Cooler (Do Not Use With Any Other Labor Operations)	6.0 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
9U433	38