

**FORD:**

2015 Transit

**ISSUE**

Some 2015 Transit vehicles equipped with a 3.2L Duratorq-TDCi engine may exhibit an illuminated MIL with one or more of the following diagnostic trouble codes (DTCs) stored in the powertrain control module (PCM) memory: P0544, P0545, P0546, P06EA, P06EB, P2031, P2032, P2033, P200C, P200E, P2080, P2081, P2084, P2085, P242A, P242B, P242C, P242D and/or P242E.

**ACTION**

Follow the Service Procedures steps to correct the condition.

**SERVICE PROCEDURE**

1. Using the Integrated Diagnostic System (IDS) or equivalent scan tool, check for any DTCs. Are DTCs P0544, P0545, P0546, P06EA, P06EB, P2031, P2032, P2033, P200C, P200E, P2080, P2084, P2085, P242A, P242B, P242C, P242D and/or P242E present?
  - 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 diagnosis.
2. Based on the DTCs identified, replace the corresponding EGT sensor(s) as instructed below.
  - a. If DTCs P0544, P0545, P0546, P06EA and/or P2080 are present replace EGT 11 sensor. Refer to the WSM, Section 303-14. (Figure 1A)

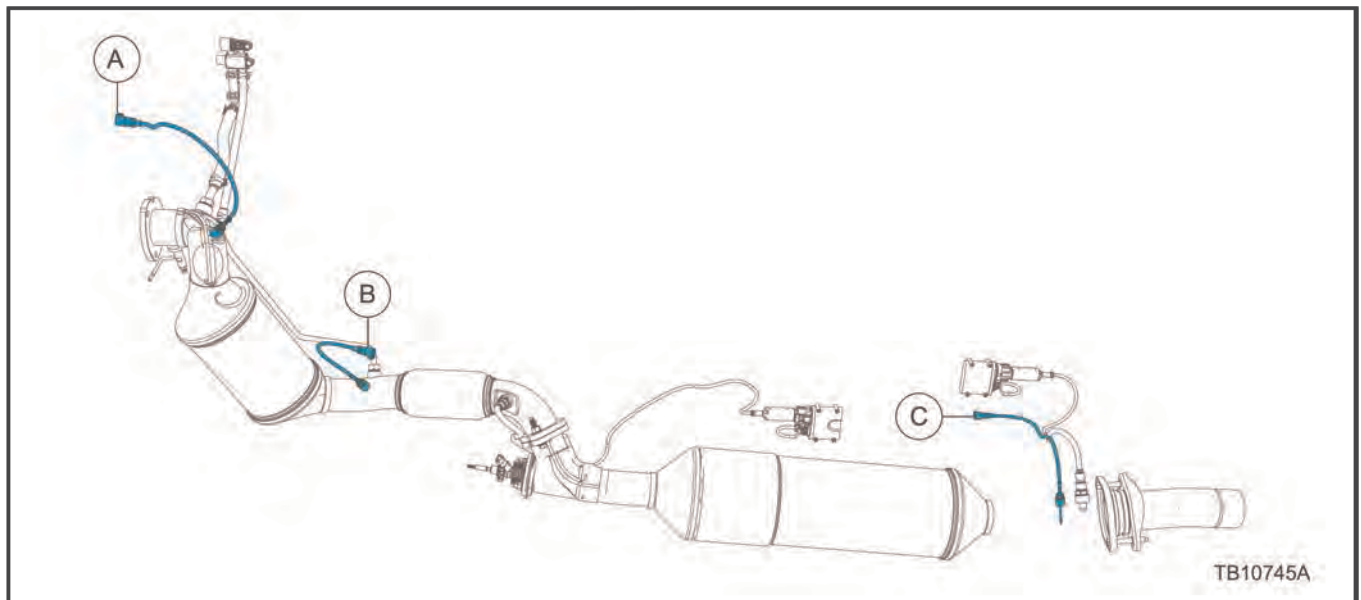


Figure 1 - Article 15-0125

- b. If DTCs P06EB, P2031, P2032, P2033, P2084 and/or P2085 are present, replace EGT 12 sensor. Refer to the WSM, Section 303-14. (Figure 1B)

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.

- c. If DTCs P242A, P242B, P242C, P242D and/or P242E are present replace EGT 13 sensor. Refer to the WSM, Section 303-14. (Figure 1C)
- 3. Is DTC P200C and/or P200E stored in PCM memory with no other EGT sensor DTCs present?
  - a. Yes - proceed to Step 4.
  - b. No - proceed to Step 5.
- 4. Use the IDS scan tool or equivalent and refer to the freeze frame data readings to confirm when DTC P200C and/or P200E were set. Replace the corresponding EGT sensor as instructed below.
  - a. If EGT 12 sensor temperature is 650 °C (1292 °F) greater than EGT 11 sensor temperature, replace EGT 12 sensor. Refer to the WSM, Section 303-14. (Figure 1B)
  - b. If EGT 13 sensor temperature is above 900 °C (1742 °F) replace EGT 13 sensor. Refer to the WSM, Section 303-14. (Figure 1C)
  - c. If two or more EGT sensors are reading 900°C (1562 °F) or higher, or if the freeze frame temperature data does not fit the criteria listed above, this article does not apply. Refer to the PC/ED manual for normal diagnosis.
- 5. Clear all DTCs.

PART NUMBER	PART NAME
AC3Z-5J213-C	EGT Sensor 11
CK4Z-12B591-B	EGT Sensor 12
CK4Z-12B591-A	EGT Sensor 13

OPERATION	DESCRIPTION	TIME
150125A	2015 Transit 3.2L Duratorq TDCi: Retrieve DTCs And Replace The Front EGT Sensor (Do Not Use With Any Other Labor Operations)	0.3 Hr.
150125B	2015 Transit 3.2L Duratorq TDCi: Retrieve DTCs And Replace The Middle EGT Sensor (Do Not Use With Any Other Labor Operations)	0.4 Hr.
150125C	2015 Transit 3.2L Duratorq TDCi: Retrieve DTCs And Replace The Rear EGT Sensor (Do Not Use With Any Other Labor Operations)	0.4 Hr.
150125D	2015 Transit 3.2L Duratorq TDCi: Retrieve DTCs And Replace All Three EGT Sensors (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
5J213	42