



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Malfunction Indicator Lamp (MIL) Illumination. One Or More Exhaust Temperature Sensor (EGT) Diagnostic Trouble Codes (DTCs), Set.

Discussion: Some customers may experience a MIL illumination. Upon further investigations, the technician may find one or more of the following DTCs set in the Powertrain Control Module (PCM).

- P0544 – Exhaust Gas Temperature Sensor Circuit, Bank 1 Sensor 1.
- P2472 – Exhaust Gas Temperature Sensor Circuit Intermittent, Bank 1 Sensor 4.
- P2031 – Exhaust Gas Temperature Sensor Circuit, Bank 1 Sensor 2.
- P2483 – Exhaust Gas Temperature Sensor Circuit Performance, Bank 1 Sensor 5.

If the technician is working on a vehicle with the above condition, please refer to the following repair procedure.

Repair Procedure:

1. Follow the normal published diagnostic procedure for the DTC setting.
2. Thoroughly inspect the EGT sensor, sensor connector, and harness connector for signs of physical damage and repair as necessary.
3. Inspect the EGT sensor connector and harness connector for signs of water and/or corrosion. Were signs of water and/or corrosion found in the sensor or harness connector?
 - a. Yes>>> Replace both the affected EGT sensor and harness connector using the appropriate connector repair kit.
 - b. No>>> Additional diagnostics are required. This document no longer applies.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.