



## STAR ONLINE PUBLICATION



**Case Number:** S2318000012

**Release Date:** November 2023

**Symptom/Vehicle Issue:** Malfunction Indicator Lamp (MIL) Illumination. Diagnostic Trouble Code (DTC) P2580 – Turbocharger Speed Sensor Circuit Low, Set.

**Discussion:** Some customers may experience a MIL Illumination. Upon further investigation, the technician may find DTC P2580 set in the Powertrain Control Module (PCM). This concern may happen on a vehicle with relatively low mileage.

If the technician receives a vehicle with the above concern, please perform normal published diagnostics for the DTC. During diagnosis, be sure to remove the turbocharger speed sensor. Using a borescope, inspect the sensor bore and tone wheel for signs of debris that may degrade the signal. Some reports have been received of technicians finding an extra O-ring seal in the speed sensor bore leading to the DTC.

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.**