



## STAR ONLINE PUBLICATION



**Case Number: S2418000014**

**Release Date: October 2024**

**Symptom/Vehicle Issue:** MIL or CEL Lamp On.

**Customer Complaint/Technician Observation:** MIL or CEL lamp on. Upon further inspection, the technician may find the following DTCs set in the Powertrain Control Module (PCM):

P0196 - Engine Oil Temperature Sensor Range/Performance

**Discussion:** Be aware that possible causes of P0196 - Engine Oil Temperature Sensor Range/Performance DTC could be voltage too high/low for the Oil Temp sensor OR the Intake Air Temperature sensors.

If after performing the published diagnostic routine for P0196, no root cause is identified, additional inspection may be required. A high or low voltage condition on the IAT2 signal wire can also cause a P0196. Please perform the published diagnostic routines for the following fault codes to locate a high or low condition on the IAT2 signal circuit:

P0097-00-Intake Air Temperature Sensor 2 Circuit Low Bank 1

P0098-00-Intake Air Temperature Sensor 2 Circuit High Bank 1

P00A7-00-Intake Air Temperature Sensor 2 Circuit Low Bank 2

P00A8-00-Intake Air Temperature Sensor 2 Circuit High Bank 2

If an issue is identified, repair as necessary. Engineering is in the process of developing a software fix at this time so that the proper faults set at the proper time. Timing possibly 4<sup>th</sup> Q 2024.

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 or eCONTACT ticket if no solution is found**