



## STAR ONLINE PUBLICATION

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**Case Number:** S1908000195 Rev. A

**Release Date:** 10/8/2020

**Symptom/Vehicle Issue:** Smog Check Vehicle Inspection Report (VIR) Fails Because Of Permanent Diagnostic Trouble Codes, PDMC

**Discussion:** Vehicles that require a Smog test in their State may fail the test due to the existence of permanent fault codes. Upon scanning the vehicle for DTC's using WiTech 2 you may find permanent diagnostic trouble codes or PDMC's.

**Repair:** Engineering is working on a software update with an anticipated release at the end of the 4<sup>th</sup> quarter of 2020.

**Note:** The Smog Check Inspection equipment will ignore the PDMC's if the vehicle has completed at least 15 warm-up cycles and has been driven at least 200 miles since it's OBD information was last cleared. These limits were put in place to prevent undue customer inconvenience when trying to comply with smog testing. This information is viewable in the Emissions section of wiTech.

A warm-up cycle is defined as the engine coolant temperature rising by at least 40°F (4.44°C) after the engine has started and reaches a minimum operating temperature of 160°F (71.1°C).

Should further assistance be needed, a STAR Center ticket can be opened and this SOL number referenced.

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**