



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Malfunction Indicator Lamp (MIL) on, Electronic Throttle Control (ETC) Lamp Flashes, Rough Idle

Customer Complaint/Technician Observation: The customer complains of the mil lamp on, ETC lamp flashing and that the start stop system is no longer functioning with a rough idle complaint. The technician observed the vehicle is setting Diagnostic Trouble Codes (DTCs) P0652 Sensor Reference Voltage 2 Circuit Low, P0642 Sensor Reference Voltage 1 Circuit Low.

Repair Procedure: Inspect the harness routing around the HVAC panel attachment leg on the passenger side of the HVAC housing to identify a potential for any harness chaffing or pinching conditions. The harness contains the TPS circuits that may trigger one or both above DTCs. Repair and isolate the harness as needed to complete. Test the operation to validate the repairs.



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.