



## STAR ONLINE PUBLICATION



**Case Number: S2121000008 REV. C**

**Release Date: June, 2022**

**Symptom/Vehicle Issue:** Malfunction Indicator Lamp (MIL) Illumination. Diagnostic Trouble Codes (DTCs) P0765 – UD Solenoid Circuit, P0871 – Transmission Fluid Pressure Sensor/Switch “C” Circuit Performance, and/or P0755 – 2C Solenoid Circuit, Set.

**Discussion:** A small number of customers may experience a MIL illumination. Upon further investigation, a technician may find DTCs P0765, P0871, and/or P0755 set in the Powertrain Control Module (PCM).

An analysis of several solenoid packs replaced for these DTCs have shown to be Trouble Not Found (TNF). Further research has shown that the true root cause of these DTCs may be due to a loose or dirty electrical connection. Especially at the main transmission electrical connector (D29A).

If you receive a vehicle with any of the above DTCs, please perform the following before replacing any parts.

1. Disconnect both the transmission and PCM connectors.
2. Closely inspect the connectors for any of the following and repair as necessary:
  - a. Corrosion
  - b. Damaged, loose, or pushed out terminals
  - c. Connector body damage

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**



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3. If no concerns are found with the connectors, apply a thin layer of dielectric grease to the transmission connector, and reassemble.
4. Clear all DTCs, and attempt to duplicate the codes under the following driving conditions:
  - a. 15-minute drive in city type driving conditions (stop and go).
  - b. 15-minute drive in steady highway type driving conditions.
5. Did the DTC(s) reset?
  - a. Yes>>> Continue with normal diagnostics, and repair as necessary.
  - b. No>>> Repairs are now complete. Release the vehicle back to the customer.

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