



STAR ONLINE PUBLICATION



Case Number: S2321000003

Release Date: April 2023

Symptom/Vehicle Issue: Malfunction Indicator Lamp (MIL) Illumination. Diagnostic Trouble Codes (DTCs) P0882 – TCM Power Input Signal Low, or P0883 – TCM Power Input Signal High, set.

Discussion: Some customers may experience a MIL illumination. Upon further investigation, the technician may find DTCs P0882 or P0883 set in the Transmission Control Module (TCM).

If a technician is working on a vehicle with the above condition, please refer to the repair procedure below and inspect the headlamp to dash harness for possible damaged/cut wiring at the Powertrain Control Module (PCM)/PCM mounting bracket.

Repair Procedure:

1. Remove the battery tray. Refer to detailed repair procedures in Service Library Service Information section 08 – Electrical > 8F - Engine Systems > Battery > Tray, Battery > Removal and Installation.
2. Inspect the Headlamp to Dash harness where it passes over the PCM and PCM mounting bracket for damaged/cut wiring, due to it rubbing on the PCM. Please see **(Figure 1)**.

NOTE: It may be necessary to remove the protective tape/covering from the harness to see the damaged/cut wiring.

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.



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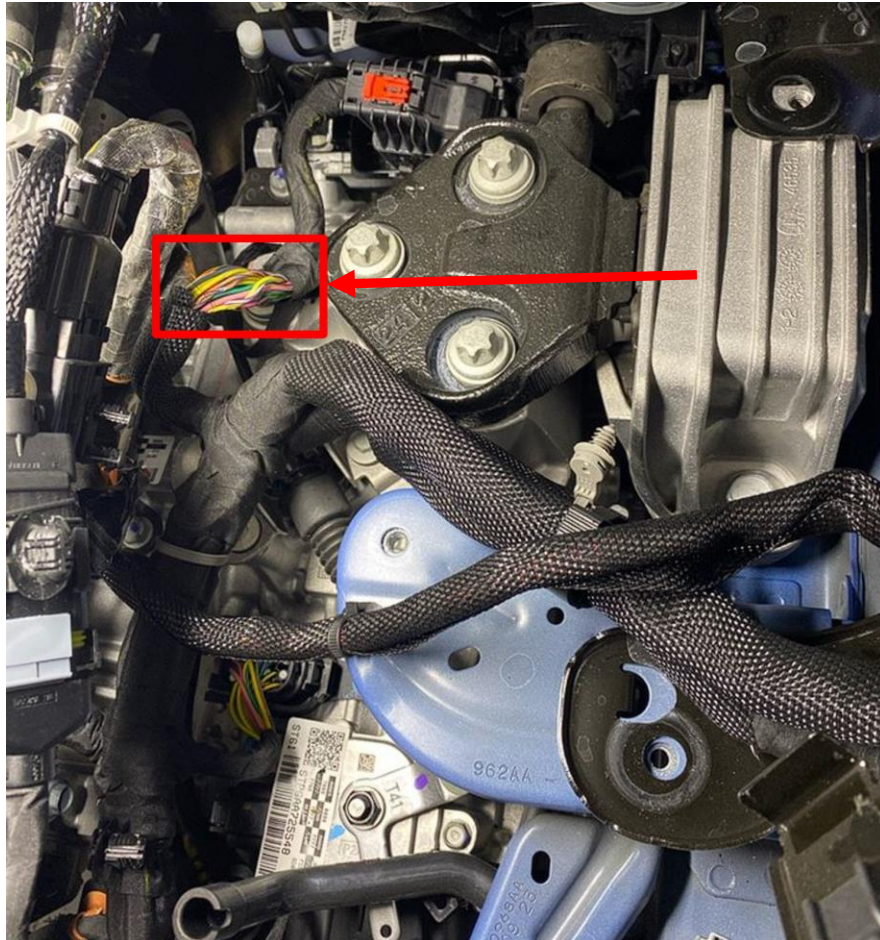


Figure 1

NOTE: Harness covering removed for better visual representation.

3. Repair all damaged/cut wiring. Refer to detailed repair procedures in Service Library Service Information section 28 – DTC Based Diagnostics > Circuit Testing Procedures > Standard Procedure > Wire Splicing.
4. Install 2 pieces of foil backed sealing tape, Mopar part number 05160288AA or equivalent, onto the edge of the PCM where the harness runs over it, to protect the harness against further damage. Please see (**Figure 2**).

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Figure 2.

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