

## STAR ONLINE PUBLICATION

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**Case Number:** S2308000097

**Release Date:** August 2023

**Symptom/Vehicle Issue:** CEL (Check Engine Lamp) Illuminated, Service 4WD System Message Displayed on The Cluster

**Customer Complaint/Technician Observation:** The owner complains the CEL and service 4wd warning lamps are on with a displayed message to service the 4wd system .The technician observed multiple Diagnostic Trouble Codes (DTCs) in different modules.

DTCs that may be set:

PCM	U041E-00 Invalid Data Received from All Wheel Drive Control Module U0418-00 Implausible Data Received from Brake System Control Module 1
DTCM	C1406-13 Transfer Case Brake Control-Circuit Open C140A-13 Transfer Case Motor Control-Circuit Open C00A7-13 4WD/AWD Transfer Case Unit Actuator Position Sensor 'A'-Circuit Open C00A8-13 4WD/AWD Transfer Case Unit Actuator Position Sensor 'B'-Circuit Open
PAM	U0422-00 Implausible Data Received from Body Control Module
RFH	U041E-00 Invalid Data Received from All Wheel Drive Control Module
BSCM	U0403-00 Implausible Data Received From T-Case
CADM	U0418-00 Implausible Data Received from Brake System Control Module 1- Stored U041E-00 Invalid Data Received from All Wheel Drive Control Module

**Repair Procedure:** Inspect the D6648A black 8-way transfer case shift motor component connector. Use the push-pull-push method to ensure the connector is not loose and properly seated as shown Fig 1.

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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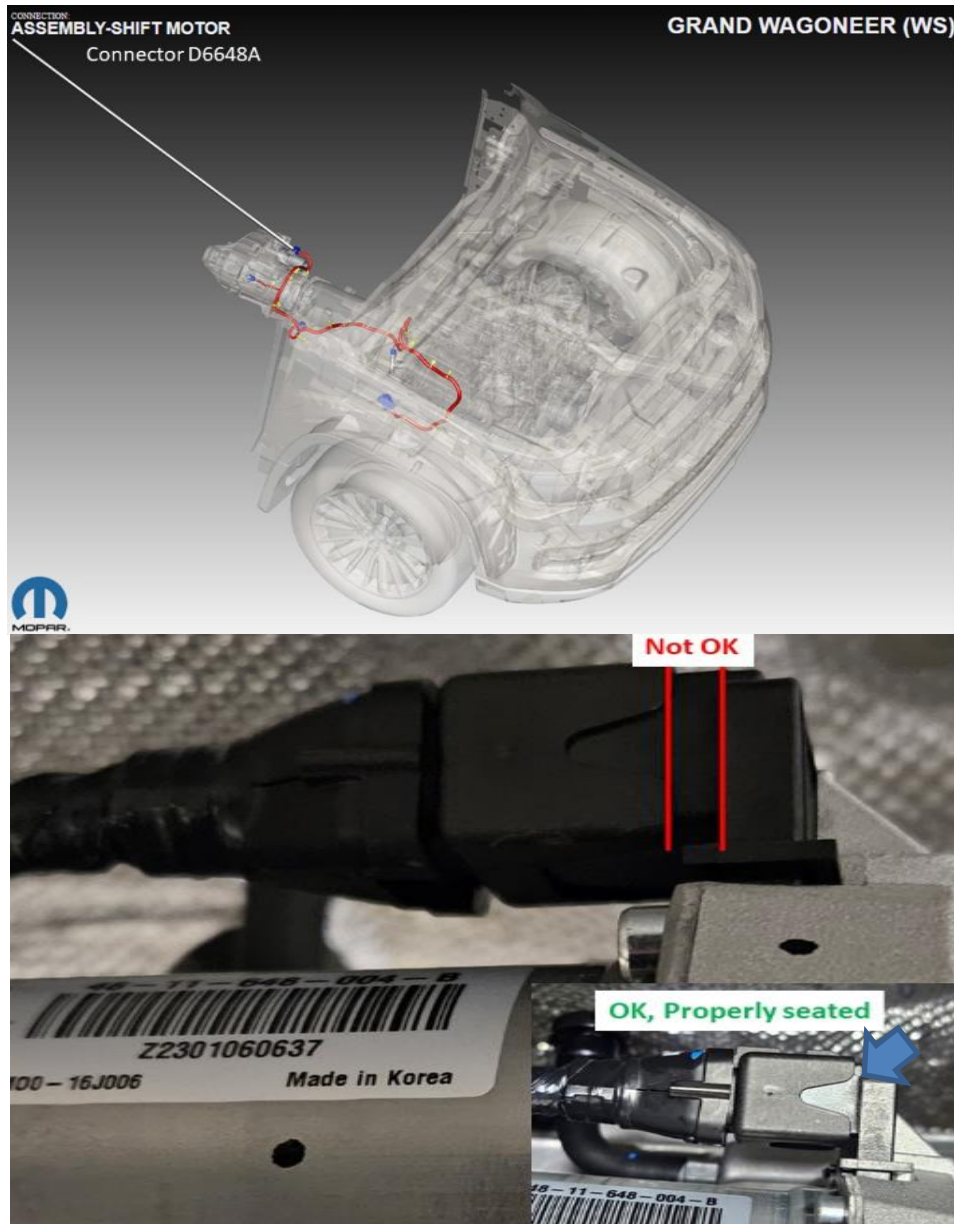


Fig 1

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