



STAR ONLINE PUBLICATION



Case Number: S2519000005

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Symptom/Vehicle Issue: Service Electric Power Steering Message On Cluster.

Customer Complaint/Technician Observation: Technician may find the following diagnostic trouble code(s) (DTCs). Customer states the cluster has steering warnings.

- U0420-00 - Invalid Data Received From Power Steering Control Module set by CADM2.
- C2217-00 - Electric Power Steering Module (EPS) Internal.
- C221F-00 - ECU Not Initialized.
- C1592-00 - Electronic Power Steering Motor Circuit.
- C1593-00 - Steering Torque Sensor Circuit.

Discussion:

1. Review Service Library searching by vehicle identification number (VIN) for any applicable service bulletins.
2. Review the vehicle battery health. Test the vehicle batteries with the MOPAR Maximus Complete Battery System Tester to confirm battery health.

<<<Note>>> Weak batteries may cause good steering gears to set C2217. Using the Maximus will help avoid unnecessary EPS repairs.

3. Make sure that both Lane1 and Lane 2 (see attached image) are receiving a voltage ranging from 10V - 16V.

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.

