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Case Number: S2523000053 Rev. B

Release Date: July 2026

Symptom/Vehicle Issue: Service Electric Power Steering (EPS) Message On Instrument Cluster. Rev B.

Models Affected: 2022-2026 Jeep Wagoneer (WS)

Customer Complaint/Technician Observation: Customer sees EPS warning on cluster and technician finds one or more of the following diagnostic trouble codes (DTCs):

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

Discussion: If the customer complaint and technicians DTC findings match the above Read through the below information prior to performing a repair.

- Review and perform any related Service Bulletins first. 08-095-25 REV.B and 08-094-25 REV A. – at the time of this document's publication.
- Review the vehicle battery health. Verify the voltage of both batteries is between 12 to 14 V, the measured CCA is above the battery's spec, the state of charge is

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Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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over 80%, the battery health is good. Before, during, and after the steering load test, ensure the voltage does not drop below 10V, even for a short period of time.

- Inspect and test the electrical circuits/connections to the EPS unit. The EPS requires battery voltage (12-14V) on the power feeds and a low resistance ground to function properly. Analysis of returned parts show no failures to the EPS unit when tested indicating the parts were not the cause of the concern.

NOTE: Weak batteries have been shown to cause good steering gears to set C2217 despite having a battery SOC of above 80% and good CCA. It is imperative to monitor the voltage of both batteries before, during, and after the test. Test the batteries using the MOPAR Maximus Complete Battery Diagnostic System.

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