



STAR ONLINE PUBLICATION

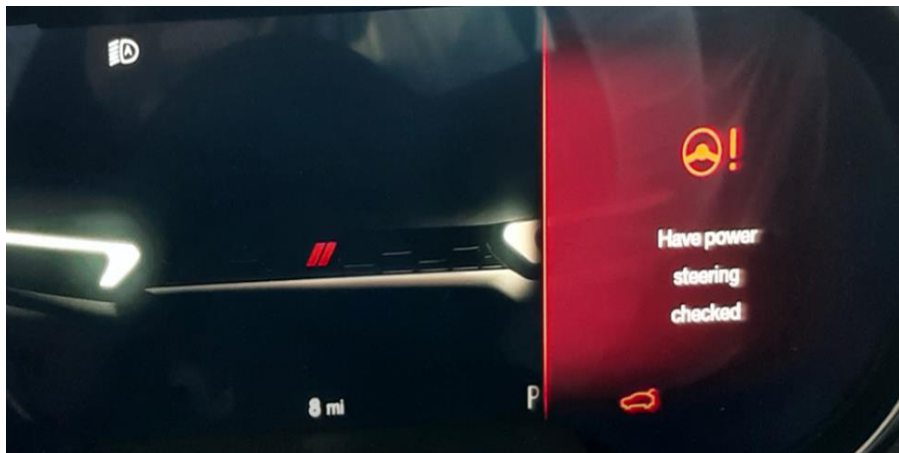


Case Number: S2308000036 Rev. C

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Symptom/Vehicle Issue: Cluster Displays an Electric Power Steering (EPS) Fault Warning Lamp or Service Power Steering Message

Technician Observation: After an EPS replacement and or EPS control module service the EPS cluster warning lamp remains on. The cluster may display “**Have Power Steering Checked**” message with a steering wheel icon displayed on the instrument cluster.



Discussion: Perform the **Lock-to-Lock** steering angle calibration. This procedure is for steering rack center position learning.

Perform Calibration: – Start the vehicle and adjust the tires so they are in the straightforward position. Calibration is performed by turning the steering wheel lock to lock with a slight applied steering torque while in the full steering wheel locked positions and holding the full locked position for a minimum of 5 seconds.

Start the vehicle, with the steering wheel centered tires in the straight ahead position, turn the steering wheel to a full lock position to the right or left. Hold the steering wheel for a minimum of 5 seconds with slight torque applied (min torque 6Nm) while at the stop position. Then rotate the steering wheel to the full lock position in the opposite direction, again holding the steering wheel against the stop for a minimum of 5 seconds (min torque of 6Nm). Return the steering wheel/tires to the centered straight ahead position, turn the vehicle off and wait for all the lights to turn off, then turn the key back on to complete.

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