

## EPS Fault Message & DTC C2217-00 Advisory

RE: **C2217-00-ELECTRIC POWER STEERING MODULE INTERNAL**  
& “**SERVICE ELECTRIC POWER STEERING**” MESSAGE ON THE  
INSTRUMENT CLUSTER

*Always refer to the vehicle manufacturer's repair manual for proper removal, installation and testing procedures.  
In the event, you do not have the necessary experience, tools or instructions for the procedure,  
you must request the services of an ASE certified technician.*

### Vehicle Applications:

- 2013-2018 RAM 1500
- 2019-2024 RAM 1500 Classic
- 2019-2025 RAM 1500

### Applicable AAE Part Numbers:

- ER5101
- ER5102
- ER5104
- ER5105
- ER5106
- ER5107

### DTC Information:

DTC **C2217-00 – ELECTRIC POWER STEERING MODULE INTERNAL** may be set, and a “**Service Electric Power Steering**” message may appear on the instrument cluster.

**NOTE:** DTC C2217-00 does not necessarily indicate the EPS is faulty. This code means the EPS did not pass a self-test. Wiring issues including pin fit, wire damage, or connector issues may cause the DTC to set.

### Inspection Steps:

Before replacing the EPS assembly, complete the following checks:

- **Verify EPS is at the most current software calibration.**
- **Inspect EPS connectors.**
  - Check the power connector housing for damage.
  - Inspect for pin damage, pin pushout, or broken lock terminals.
  - Confirm all connectors are securely connected and latched using the push-pull method to ensure each connector is fully snapped together.
- **Monitor battery voltage with the engine running.**
  - Voltage should be above 13 volts.
  - If not, inspect and address the vehicle's charging system.
- **Inspect and clean all battery cable leads/connections** (positive and negative).

For any additional questions,  
contact the AAE Tech Support Hotline at 1-800-654-7565.