



## STAR ONLINE PUBLICATION



**Case Number:** S2519000009

**Release Date:** September 2025

**Symptom/Vehicle Issue:** Diagnostic Trouble Code (DTC) C221F-00, C2223-00, C221C-00, C0051-54 Present After Electric Power Steering (EPS) Replacement.

**Customer Complaint/Technician Observation:** Review the below list of DTCs that may be set after servicing the EPS.

C221F-00-ECU NOT INITIALIZED (MODULE, Electric Power Steering (EPS))

C2223-00-ECU CONFIGURATION MISMATCH (MODULE, EPS)

C221C-00-ECU NOT PROGRAMMED/FLASH REQUIRED

C0051-54-STEERING WHEEL POSITION SENSOR - MISSING CALIBRATION

**Discussion:** The above DTCs are commonly seen after replacing the EPS unit. These codes do not indicate a faulty EPS. Review and perform any applicable EPS related service bulletins, flashes, and initialize the steering angle sensor following routine steps in WiTECH under EPS Misc Functions. Once these have been performed-follow DTC diagnostics for remaining codes.

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.**