



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Calibrating Steering Angle Sensor (SAS) After Electric Power Steering (EPS) Replacement

Discussion: After replacement of an EPS wiTECH must be used to align the proxi and calibrate the SAS. Here are some tips to make a quick successful SAS calibration.

1. If the stall floor is not flat (most are not for drainage purposes), use a drive on alignment rack to set toe.
2. Use a steering wheel lock tool to hold the steering wheel straight when setting toe and performing the SAS calibration.
3. Tie rods need to be adjusted equally. Meaning the exposed threads should match on left and right tie rods. If toe cannot be set with even left to right thread count and the steering wheel straight, inspect steering components for improper installation, or damage. Compare spline couplings on the steering shafts and steering wheel to a known good vehicle.

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.