



Supporting Today's Vehicle Technician



EPS Symptoms and Solutions

Application All vehicles with Electronic Power Steering.

Symptom Steering wheel returns slowly to center.

Solution This could be due to a wiring or motor fault. The zero point must be calibrated in order for the steering to operate and properly return to center.

Symptom The vehicle is hard to turn at slow speed.

Solution A failing or weak EPS motor can be the cause. Seized front suspension components or a worn intermediate shaft could also cause hard steering at low speeds and during parking maneuvers. Last but not least, a faulty or non-calibrated torque sensor could be the cause.

Symptom EPS Light illuminated.

Solution This light illuminates when a fault is detected in the EPS system. There can be many causes including a faulty EPS motor, faulty PSCM (power steering control module), zero point out of calibration, or a charging system issue which would provide low voltage. Other systems could affect EPS since the system communicates with other modules on the vehicle. It is recommended to have the codes scanned immediately.

Symptom Loose steering at highway speeds.

Solution There are several issues that could cause this symptom. The system could be in a fail safe mode. There could be a faulty speed sensor, faulty torque sensor, or incorrect programming.