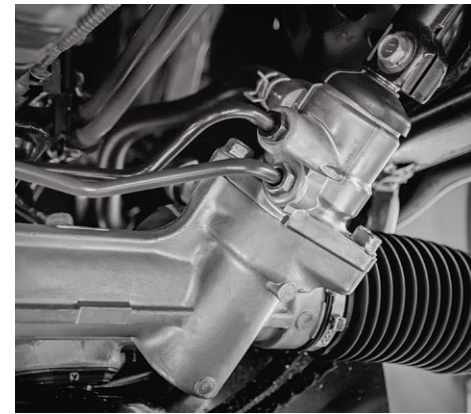
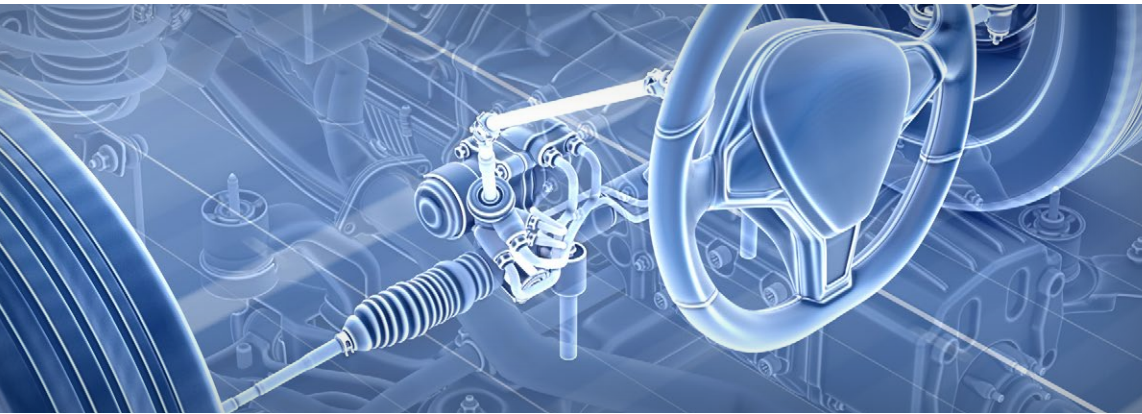




CUSTOMER STORIES

FAST RESPONSE TO EVOLVING PERFORMANCE ISSUES HELPS PRESERVE AUTOMOTIVE SUPPLIER'S CREDIBILITY—AND BUSINESS



Our problem-solvers worked with both OEM and end customer to troubleshoot deficiencies and develop a new product solution quickly.

CHALLENGE

Our client had successfully displaced old hydro-electric power steering systems with many of their customers, introducing an EPS Rack Concentric system instead that used Isabellenhütte terminal resistors. Subsequently, one of the OEMs major customers experienced solder-joint cracks during temperature cycling tests.

SOLUTION

After discussion with both our client and their large customer, our team recommended a four terminal raised shunt design, which better fit the new DCB substrate being used. We developed a new part (BVN) markedly improved, the performance of the current measurement and simultaneously solved the cracking issue, (due to temperature and load cycling).

APPLICATION

Electronic power steering control system (Rack Concentric)
BVN