Vehicle Sensors

90332

DRIVESHAFT TORQUE W/ DIGITAL FM TELEMETRY

This system combines our custom strain gaging abilities and digital FM telemetry system to make a non-contact rotating torque system. Propshaft torque can be taken as the vehicle is evaluated on the road or at the proving grounds.

92000

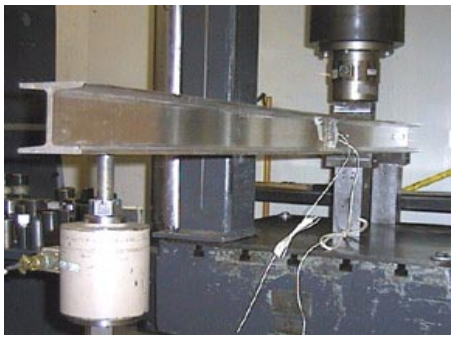
TIE ROD SENSOR

A vehicle tie rod was modified to produce a one component force sensor. This tie rod sensor was then reassembled into the steering system, interfaced with an output indicator, and data was recorded. This information is used to confirm design specifications and to set new specifications for the redesign of existing steering components. Additional options included on-board amplification.

92000

OUTRIGGER FORCE SENSOR

This package features our custom strain gaging abilities and versatility in calibration. Here, we turned an outrigger support into a force sensor. It maintains the safety of the vehicle against accidental rollover, as well as measure the force created by the vehicle tilt.



10287

SEAT BELT SENSOR

This sensor is designed to measure the tension forces in a seat belt system up to 3500lbs. Primarily used in the crash measurement industry, this sensor can also be used to measure the loading forces of any belt tightening system.