

Vehicle Sensors

10295

PARKING BRAKE CABLE CHECKER

Model 10295 was developed to measure the tension force required to engage the various parking brake cables. Automobile manufacturers utilize this easily installable transducer to check the activation force levels before vehicles leave the factory. The design of the sensor allows for quick spot checking of cable tensions while the cable is installed and in use.

MODEL	CAPACITY (LBS)	CABLE DIA
10295-351	350	3mm
10295-851	850	5/32"
10295-182	1800	3/16"
10295-252	2500	7/32"



90361

SMALL CART WHEEL TORQUE SENSOR

This sensor was created to measure wheel torques on a small utility cart. It uses much of the same technology of our 90360 wheel torque sensor, but its design is unique to a very small brake rotor assembly used on these types of vehicles.



10020

ROAD SIMULATOR LOADS

It is not always possible to conduct on-road tests of automobile components. Automotive road simulators suspend a vehicle by its axles and servo-controlled hydraulic cylinders reproduce road induced forces. Tension and compression road end load cells 10020, 10024, 10066 (10020 shown) were installed between hydraulic actuators and the test vehicle. The sensors were used to generate feedback signals as simulated road conditions were applied to the vehicle.

