



Telemetry System provides real-time Half-Shaft Torque measurement while vehicle is running

Advanced Telematics International introduces a miniature telemetry system used to measure TORQUE on front wheel drive half-shafts or other split axle shafts.

([PRWEB](#)) September 30, 2001 -- ATi's Half-Shaft telemetry system is a testing tool used by automotive, off-road and racing test engineers wanting to obtain real-time torque measurements from vehicle drivelines. Completely user installable, the system can be installed on most any size drive shaft and requires only 0.50" clearance allowing it to be placed almost any where on the shaft.

Consisting of a transmitter, receiver and two-piece composite collar assembly, the system is lightweight and with no moving parts, it's simply maintenance free. Extremely rugged, this system is capable of withstanding the harshest of environments.

Power is supplied inductively to the rotating components for continuous, un-interrupted operation. The receiver features an analog output and digital backlit LCD display that can be scaled to read out in engineering units. No modifications to the drive shaft are required, only adhering the strain gages is necessary. This saves the expense and time to install slip rings on the wheel hub, also eliminating exterior components subject to damage.

FEATURES

- Transmits Sensor Signals via Radio Telemetry to a Stationary Receiver
- No Shaft Modifications required; Collars available for most any shaft size.
- Split Collar assembly clamps directly to half-shaft or axle shafts.
- No Slip Rings or moving parts
- Quick and easy user installation
- Turnkey systems available. Send us a shaft and we will instrument it for you.
- Multi-Channel Systems Available

Advanced Telematics International designs and manufactures telemetry systems for use on rotating shafts or machinery and for Point-to-Point applications. Their products have been used for data acquisition in the Automotive, Aerospace and Process industries where sensor signals are inaccessible.



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