

Torque Readings **By Richard Vensel**

Problem – With the cost of parts today, hardware mounting torque can be a big problem. If you use the wrong torque in some of the following applications you can pull some shafts right out of the rotor. Poor thread conditions will create unreliable torque readings.

Solution – Proper torque applications

Alternator pulley nuts:

Standard .668 x 20.....use 70-89 ft/lb.

Metric M16 x 1.5.....use 120 ft/lb.

CS121 and CS120 Alternators:

Brush holders, regulator screws... use 20-30 in/lb.

Rectifier bridge screws.....use 20-30 in/lb.

Output stud nuts.....use 40-60 in/lb.

Pole Shoe Screws 5MT to 27MT:

3/8-24..... use 400 in/lb.

Solenoid mounting screws 5MT to 27MT:

1/4-20..... use 70-75 in/lb.