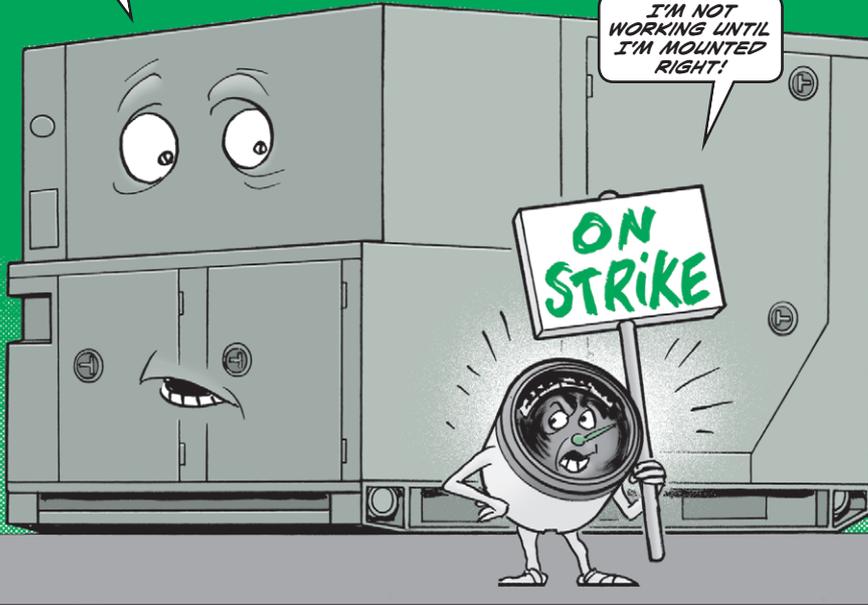


Let's Talk GAUGES

WHY ARE
YOU ON
STRIKE?

I'M NOT
WORKING UNTIL
I'M MOUNTED
RIGHT!

ON
STRIKE



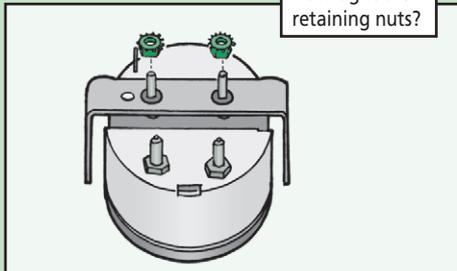
Is the 24-volt fuel gauge, water temperature gauge, or oil pressure gauge on your tactical quiet generator maxing out or burning out?

Are gauges hitting max?



If one or all of them are, the problem may be with the torque put on the retaining nuts on the mounting bracket.

How tight are
retaining nuts?



The gauges are made by Beede Electrical and are installed into the control panel of your generator by DRS Fremont. The fuel gauge is part number 945331 and NSN 6625-01-366-0193. The water temperature gauge is part number 945329 and NSN 6685-01-364-6549. The oil pressure gauge is part number 945330 and NSN 6620-01-368-1531.

The retaining nuts are to be torqued to a setting of 6 in-lbs. This is not much more than finger-tight! When the nuts are over-torqued, the bushings are crushed and the gauge grounds against the mounting bracket. This ground will either max out the gauge or destroy it!

Bushings should look like this...



...and *not* like this

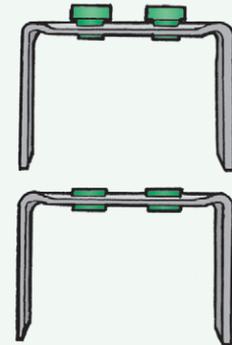


So, if you're having this problem, loosen the nuts on the mounting bracket. Sometimes, if the gauge is still functional, it will work right. If you install a new gauge and mounting bracket, make sure to torque it to 6 in-lbs.

Beede is helping you out, too. The new mounting bracket for these gauges has a denser, thicker insulator that will help prevent the bushings from being crushed. The old insulator is black and the new one is white.

So, generator mechanics, why not check these gauges right now? If the insulator is white, you're in good shape. If the insulator is black, check the condition of the bushings. If they're being crushed, back off the nuts on the mounting bracket, then torque them to 6 in-lbs.

New bracket has thicker insulator



New

Old

Chances are good that by now, the gauges with the black insulation are out of the supply system and when you order a new gauge, you'll get the white insulator. But if your new gauge still has the black insulator, the correct torque is the key to a good gauge.