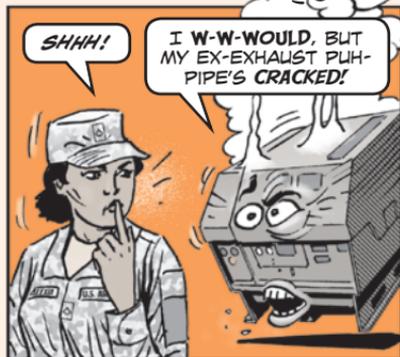
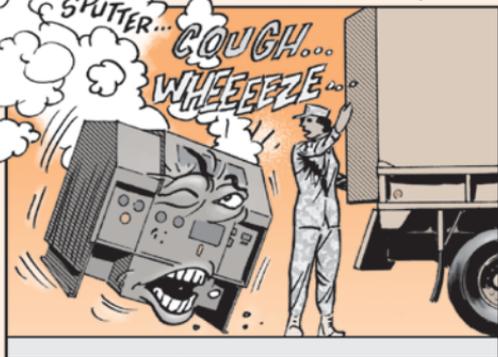


COUGH... VIBRATIONS VEX TQG



It's old news that constant vibration leads to trouble for the 3-kW tactical quiet generator (TQG). The muffler takes quite a shaking while the generator is running.

Then muffler bolts can break. And those vibrations loosen the muffler mounting hardware. With loose mounting hardware, the vibrations can crack the exhaust pipe.

A crack in the pipe or muffler could lead to an exhaust system failure.

And more smoke and louder noise is not what you want out of your generator when you're out on a mission.

The solution has always been to keep a trained eye on the muffler's mounting hardware. If it's loose, tighten it. If the mounting bolts have suffered thread damage, replace them. Do this check every time you run up your generator, because the last time it ran could have loosened the mounting hardware.

And don't forget that some of the mounting hardware is underneath the muffler on the back of the engine and is hard to see.

There's also a new fix. The current flat washers, NSN 5310-01-478-9081, are being replaced with a washer plate, NSN 5310-01-631-2467.

Plus, changes have been made to procedures in TM 9-6115-639-13&P to improve the new washer plate. Note that Step 6 in WP 0075 now tells you to add a thin coat of locking compound, NSN 8030-01-104-5392, to the bolt threads and to torque the nuts on the cylinder head to 18 lb-ft. Don't forget to check the muffler mounting bolts to ensure they're tightened and torqued to 9 lb-ft.

Vibration loosens mounting hardware



Use replacement washer plate,
NSN 5310-01-631-2467

