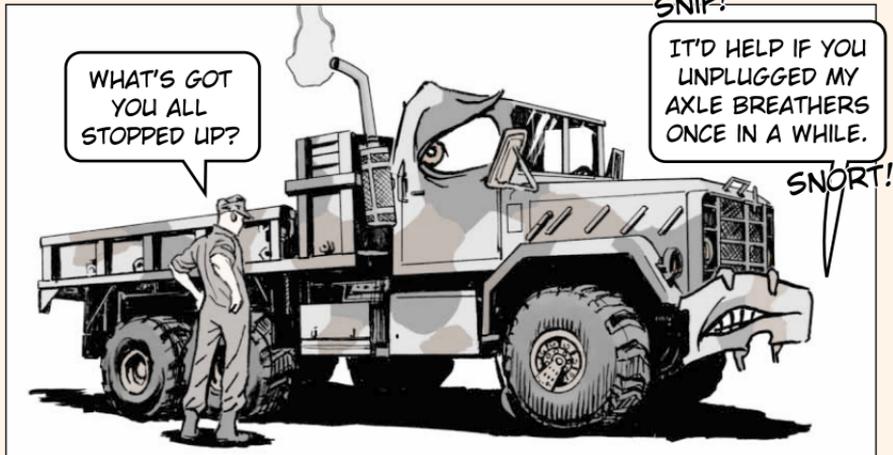


# TWIST, PULL BREATHERS



**B**reather valves on gearcases and axles like those on the front axles of M939A2 series trucks must be clean and open to let off the pressure that builds in those assemblies.

If vents are plugged, the seals blow, lube goes, and gears go, too.

Keeping the breather valves clean is simple: Twist the valve's cap to loosen any dirt stuck inside. Then pull up on the cap to make sure it's moving freely. If the cap won't turn and pull up, get a new valve.

Make sure the new valve is good by blowing into the threaded end. If you can't easily blow through the breather, it won't do the job for your equipment. The cap on a good breather opens at a little under  $\frac{1}{2}$  psi—almost no pressure at all.

Then give all breather valves the twist-and-pull test after each operation in mud or heavy dust. Your gearcases and axles will live longer if you do.

