

# KA BOOOO MI!

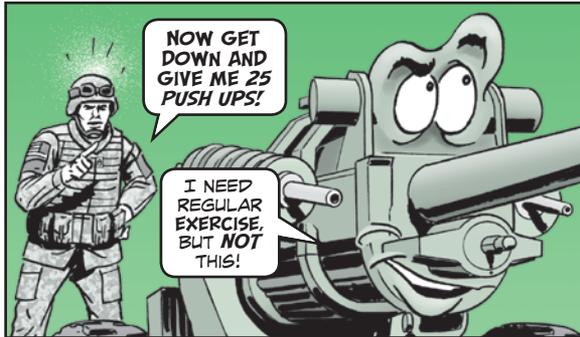


PM HAS REALLY GOT THE BIG GUY FIRING!

## PM COMES THROUGH AGAIN

IF YOU WANT YOUR M119A2 HOWITZER BOOMING OUT ROUNDS LIKE IT SHOULD, LOAD UP ON THESE PM TIPS...

Give it regular exercise and lubing. If you park and forget your howitzer, expect big problems when you're finally ready to fire. At least monthly, take it through its full range of motion and give it a thorough lubing like it says in TM 9-1015-252-10. Two hours will get the job done and save you big dollars and repairs later.



NOW GET DOWN AND GIVE ME 25 PUSH UPS!

I NEED REGULAR EXERCISE, BUT NOT THIS!

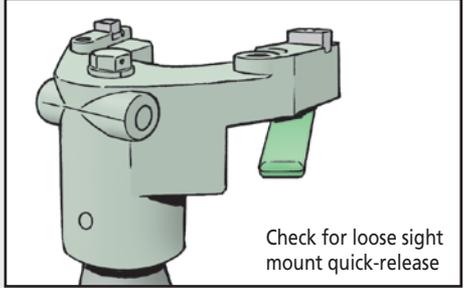
Don't forget the recoil system. If your howitzer hasn't been fired or exercised in the last 90 days, give it a good workout. Exercise the recoil like it says in WP 0151 of TM 9-1015-252-24 (Nov 12). This will go a long way toward keeping your buffer and recuperator mission capable and its internal seals lubricated and moving.

Pay special attention to the muzzle end of the cannon tube during cleaning. Cracks caused by pitting are showing up around the muzzle end because units aren't thoroughly cleaning there. Propellant residue and broken-down grease form an acidic solution that eats away the metal if not cleaned off. Take off the muzzle brake and clean with rags and CLP. A scouring pad may be necessary for tough spots. Get one with NSN 7920-00-753-5242. Clean the bore following the instructions in the -10. Do that after every firing.



Clean muzzle area to prevent cracks and pitting

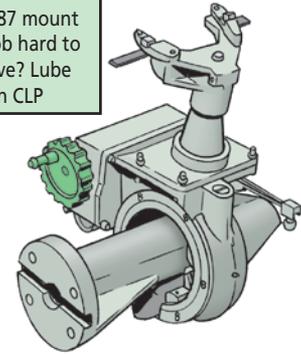
Check for a loose sight mount quick-release. If the quick-release is loose, the mount won't sit properly and vibration can allow out the mount. Your repairman needs to check the quick-release's spring washer for a .040-in gap. If the gap's wider, replace the spring washer following the instructions in TM 9-1240-404-24&P. It's a good idea to replace the spring washer annually.



Check for loose sight mount quick-release

Make sure the M187 telescope mount's elevation knob moves freely. It tends to freeze if ignored. Lube it with CLP.

M187 mount knob hard to move? Lube with CLP



Elevate the muzzle to 1244 mils before parking the M119A2.

This will reduce the compression on the equilibrator springs. If the muzzle is left at a lower elevation, too much pressure is put on the equilibrator springs and they will wear out sooner.

Elevate muzzle to 1244 mils for parking



Don't over-torque the clamping nuts for the direct fire mount. Once you hit 50 in-lb, stop. Torquing more than that breaks the mount's locking band.