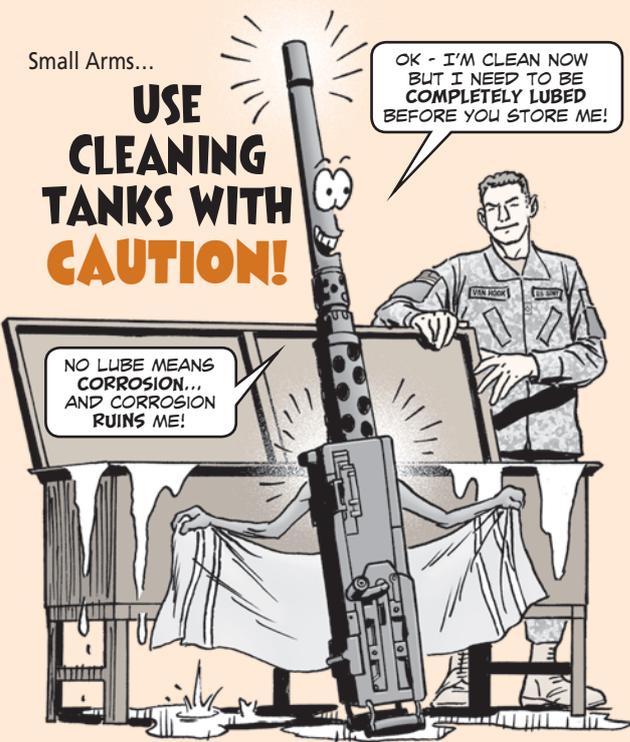


Small Arms...

USE CLEANING TANKS WITH CAUTION!



Units would be better off never using cleaning tanks for their weapons, mainly because it's too easy to mix up bolts when many weapons are run through the tanks. If a bolt is used with a weapon it wasn't headspaced for, the receiver can rupture during firing.

But cleaning tanks aren't going away, especially at posts that are dealing with large numbers of weapons during training. Here are a few precautions to help your weapons survive cleaning tanks:

- Use only dry cleaning solvent Type II (81349), MIL-PRF-680. This is the only solvent authorized for small arms. NSN 6850-01-474-2316 brings 55 gallons, NSN 6850-01-474-2317 5 gallons, NSN 6850-01-474-2319 1 gallon, and NSN 6850-00-281-1985 4 1-gal containers.

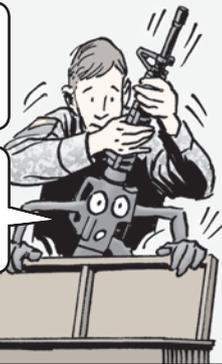


I'M THE ONLY SOLVENT YOU CAN USE ON SMALL ARMS!

- Don't clean small arms in the same cleaning tank you use for things like vehicle parts. They may have contaminants that could damage weapons.

DUDE! YOU JUST CLEANED HMMVV PARTS IN THERE...

...YOU'RE NOT PUTTING ME IN THERE, TOO!



- Use a metal basket in the tank to ensure no parts disappear during cleaning.
- When the weapons come out of the tank, they must be completely wiped clean of solvent and allowed to completely dry. But here's the important part: **The weapons must then be completely lubricated before storage.** Solvent removes every bit of lubrication from weapons. If weapons are stored without being re-lubed, count on them being ruined by corrosion.
- Protect yourself from solvent. It's strong stuff. Wear goggles, rubber gloves, and coveralls with the sleeves rolled down.
- Remember that some weapon parts should never be dunked in solvent. Examples are the M2 and M48 machine gun back plates, the MK 19 bolt assembly and anything plastic. Solvent will eat up these parts. Check the operator TMs for info on what parts to keep away from solvent.

M16A4 Rifle, M4/M4A1 Carbine...



BUIS Is Backup... Leave It Alone!

When Soldiers are installing optic sights on their M16A4 rifles and M4/M4A1 carbines, they are removing the backup iron sight (BUIS).

Bad move!

As its name states, BUIS is the backup sight in case something goes wrong with whatever other sight you're using. It keeps you from being sightless in the heat of battle.

Plus, removing the BUIS deadlines your weapon.

So leave the BUIS alone and keep it installed in the rear-most slot on the mounting rail. Install the M68 or RCO-150 sights anywhere but that last slot. That's strictly for the BUIS.

The TMs for the M68 and M150 sights show the sights mounted without the BUIS. That will be corrected in the next update to the TMs.

M16 Buttstock Picture Wrong

The picture of the new M16-series rifle hybrid buttstock PS showed on Page 24 in PS 703 (Jun 11) was wrong. When you order the new buttstock kit, NSN 1005-01-569-6938, it will look like the picture on WP 0021-19 in TM 9-1005-319-23&P.