

PUMP IT UP!

CHECK OUT THESE GUNS!

NICE! BUT IF YOU WANT MY RACE RING TO LAST, YOU'LL PUMP ME UP BEFORE WE GO TO THE WASH RACK!

When it's time for your tank to hit the wash rack, the last thing you want to worry about is leaks, crewmen. But that's what happens if you forget to protect the turret race ring.

When water is forced inside the race ring, grease is washed away. Dirt gets inside and mixes with the moisture to start the corrosion process. Corrosion damages the springs, ball bearings, and the race itself. Eventually the turret grinds to a halt and will no longer traverse.

Fixing the damage is difficult and costly, so avoid it by using the turret's inflatable seal to keep wash water out. You'll find the inflatable seal on all M1, M1A1 and some M1A2 tanks.

Close the bleed cock below the inflatable seal's pressure gauge and pump the handle until the gauge reads 25 psi. If the seal won't inflate to 25 psi, let your mechanic know. The seal could be damaged.

After washing the tank, deflate the seal by opening the bleed cock and allowing the pressure to drop to 0 psi. **Do not** try to traverse the turret with the seal inflated. That tears the seal.

Don't forget to grease the turret race ring monthly with aircraft grease (WTR), NSN 9150-01-501-5729 (MIL-PRF-81322). That keeps corrosion away and the race ring turning smoothly.

