

# KEEP YOUR REPLENISHER ON THE LEVEL

TIME TO HEAD OUT TO THE FIRING RANGE!

HANG ON, GUYS!

YOU HAVEN'T CHECKED MY REPLENISHER LEVEL YET...

...AND I'M FEELIN' A LITTLE GASSY!



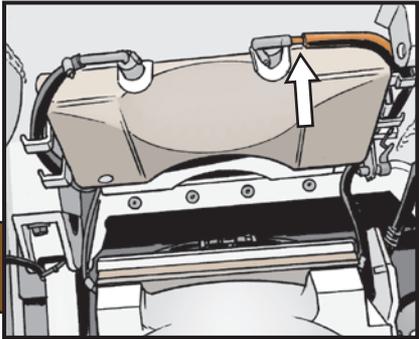
When was the last time you checked and bled the FRH in your tank's replenisher, crewmen? If it has been a while, you could be putting yourself and others in danger!

They are easy tasks to complete and can prevent some serious problems. If the recoil system is low on fluid, or there's air in the system, the main gun could recoil uncontrollably the next time it's fired. When that happens, the cannon shears its retaining bolts and slams into the ammo compartment. You don't want to be in the way if that happens!

## Replenisher Level

Check the replenisher level by raising the gun tube to maximum elevation. The replenisher's reservoir should be at or above the MIN LEVEL mark.

If the replenisher oil level is low, add some FRH now. Here's how:

1. Park the tank on level ground and raise the gun tube to max elevation.
  2. Make sure you're wearing long sleeves (rolled down), rubber gloves, goggles and a faceshield. FRH contains a chemical that can cause paralysis if it's taken orally. FRH can also be absorbed through the skin, so wash thoroughly with soap and water if you get any on you.
  3. Disconnect the hose from the plug on the top right side of the replenisher reservoir.
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4. Uncoil the hose by sliding it out of the six retaining clips around the outside of the replenisher.
  5. Extend the hose through the loader's hatch.
  6. Put the small BII funnel, NSN 7240-00-404-9793, in the hose and slowly add FRH, NSN 9150-00-111-6256, until the fluid level reaches the MIN LEVEL mark on the replenisher.
  7. Remove the funnel, slide the hose back through the retaining clips and reattach it to the plug on top of the replenisher.

If the fluid level in the replenisher keeps moving down over time, report it. You could have a Class III leak.

## Bleed Recoil System

Checking the FRH level in the replenisher isn't all you need to do, though. If there's air in the system, the replenisher could give you a false reading. The level may look good when it's actually low.

So when do you need to bleed the system? Unless you like living dangerously, you'd better do it prior to firing exercises and every time the recoil system is drained and refilled. Here's how:

1. Make sure you're wearing long sleeves, gloves, goggles and a face shield for protection.
2. Elevate the main gun to maximum elevation with the hydraulic pump handle and check the replenisher to make sure it's full.
3. With turret power off and the system hydraulic pressure reduced to zero, manually depress the gun tube just below level.
4. Loosen, but don't remove, the bleed plug below the gun mount ID plate.
5. Allow all the air to escape until you see FRH starting to ooze from around the bleed plug.
6. Retighten the bleed plug. Wipe off any FRH with a rag and dispose of it properly.
7. Recheck the replenisher reservoir. Add FRH if needed.

