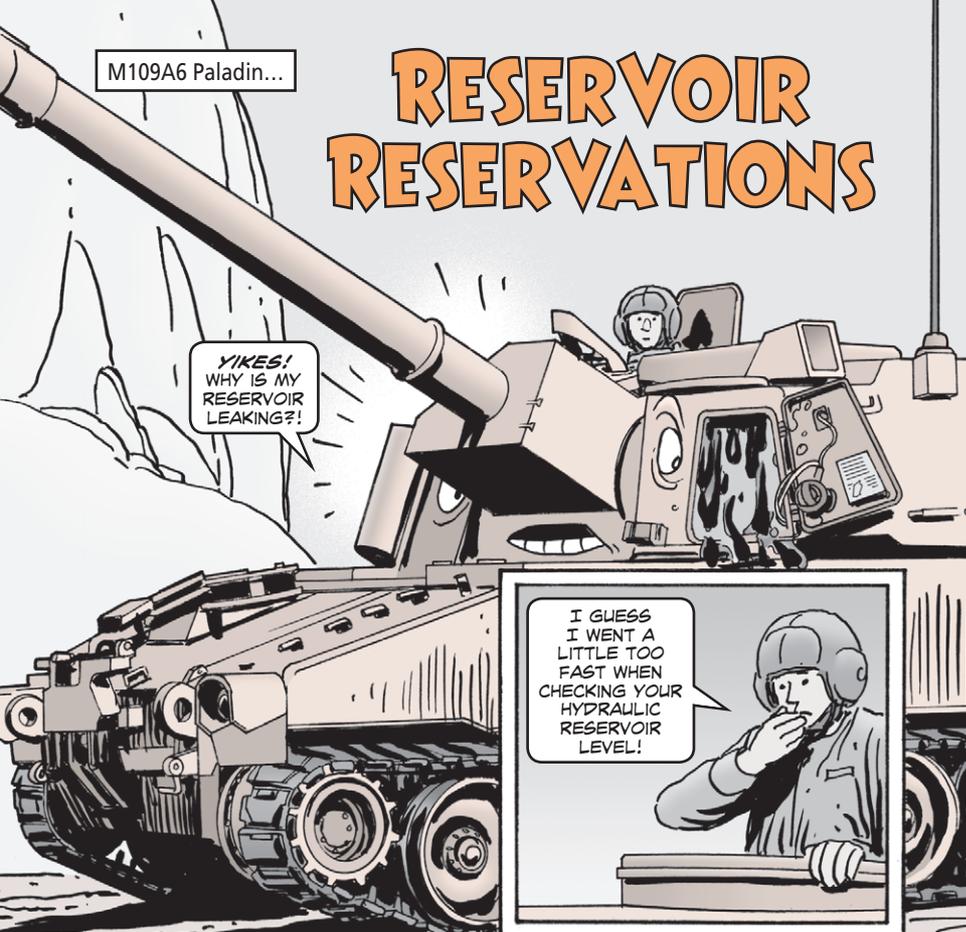


M109A6 Paladin...

# RESERVOIR RESERVATIONS



YIKES!  
WHY IS MY  
RESERVOIR  
LEAKING?!

I GUESS  
I WENT A  
LITTLE TOO  
FAST WHEN  
CHECKING YOUR  
HYDRAULIC  
RESERVOIR  
LEVEL!



CREWMEN, IF YOU HAVE RESERVATIONS ABOUT HOW TO CHECK THE HYDRAULIC RESERVOIR ON YOUR PALADIN, JUST REMEMBER TO GO **SLOW AND EASY.**

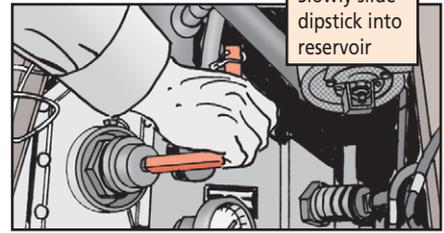
GETTING IN A HURRY IS THE BEST WAY TO END UP WITH A HYDRAULIC LEAK THAT MAKES YOUR VEHICLE NMC.



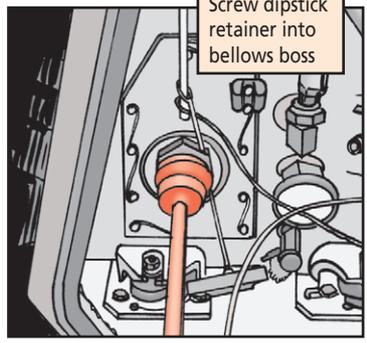
FOLLOW THESE INSTRUCTIONS ON HOW TO ACCURATELY MEASURE THE HYDRAULIC LEVEL **BEFORE** EVERY OPERATION...

1. Take a look at the oil level sight glass at the top of the hydraulic reservoir. If oil is visible and there are no signs of air in the system, you're good to go. If oil is not visible or you see air in the system, continue with Step 2.
2. Unscrew the dust cap from the bellows boss. Look for any hydraulic oil leaking from the bellows assembly. If you see any, tell your mechanic. Your Paladin is NMC.
3. Thread the dipstick retainer into the bellows boss.

5. Slide the dipstick into the reservoir until the mark that corresponds to the temperature gauge reading reaches the dipstick retainer. Go slow and easy. Jamming in the dipstick could puncture the bladder.



Slowly slide dipstick into reservoir



Screw dipstick retainer into bellows boss

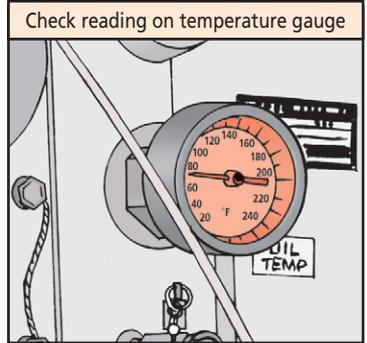
If the dipstick bottoms out before reaching the gauge temperature +10°F, you'll need to bleed some hydraulic oil from the reservoir. Page I-7 of TM 9-2350-314-10 tells how.

If the dipstick does not bottom out after reaching the temperature gauge reading -10°F, the system is low. See Para 3-8.11 starting on Page 3-126 of TM 9-2350-314-10 for instructions on how to add hydraulic oil.

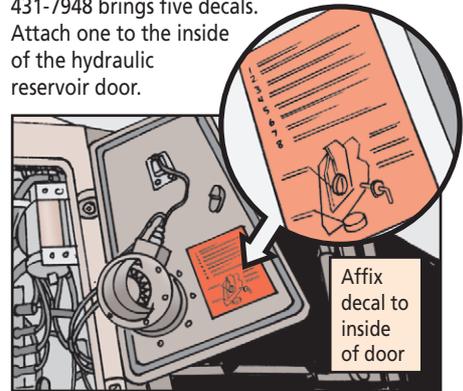
4. Check the temperature on the gauge next to the bellows boss.

6. Remove and stow the dipstick and replace the dust cap.

A decal that details how to check the hydraulic fluid level is available. NSN 7690-01-431-7948 brings five decals. Attach one to the inside of the hydraulic reservoir door.



Check reading on temperature gauge



Affix decal to inside of door