

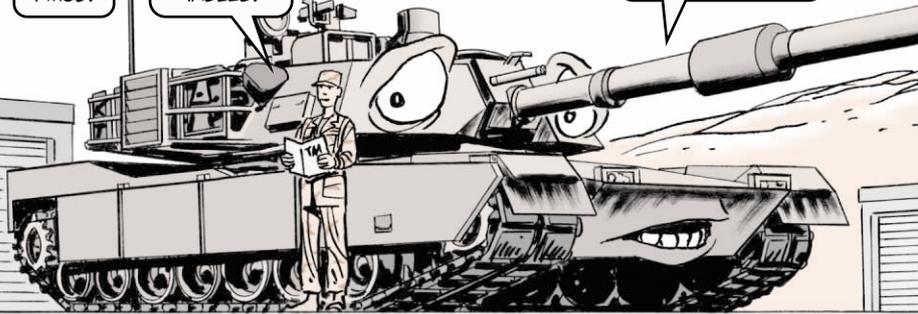
Complete PMCS Makes Sense(s)

THAT TAKES CARE OF PMCS!

I CHECKED EVERY ITEM IN THE TABLES!

BUT I'VE STILL GOT PROBLEMS!

THE PMCS TABLES DON'T COVER EVERYTHING!!



So you've gone through every Item in the PMCS tables of your vehicle's -10 TM. All finished, right?

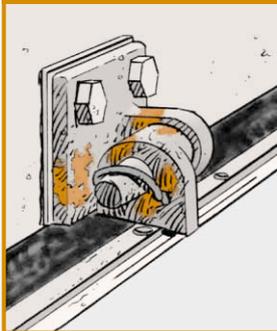
Nope. If you think going through the PMCS charts is all you need to keep your vehicle running, you've got another think coming.

During daily PMCS, there are a lot of items that don't have a specific procedure called out. In other words, a complete, overall inspection is what's required.

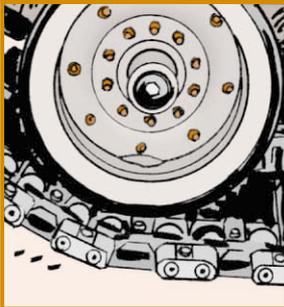


YOUR SENSES (SIGHT, TOUCH, SMELL AND HEARING) ARE CRUCIAL IN HELPING UNCOVER POTENTIAL PROBLEMS.

• Catches, locks and hinges should be checked for smooth operation. Look for metal fatigue, wear, and other damage. Listen for squeals that indicate rust.

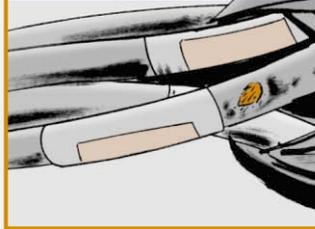


• Bolts, clamps, nuts, and screws should be checked regularly for looseness. How to tell? Loose fasteners will show chipped paint, bare metal, or rust around the heads.

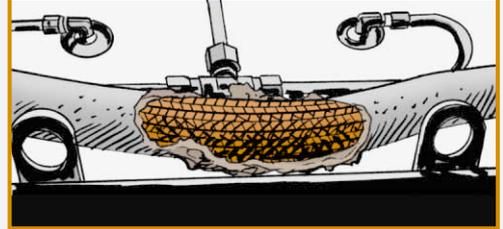


• Many items on your vehicle are welded and require careful inspection. A failing weld may show movement, gaps, corrosion, and flaked or missing paint.

• Other items to inspect include electrical connectors and cables. Look for broken connectors and worn or cut cables.



• Hose fittings, clamps, and the hose itself need to be checked. Look for abrasions, seepage or leaks. Feel for leaks in areas you can't see. Take a sniff, too. Some fluids have a distinctive odor.



IF YOU FIND ANY OF THESE PROBLEMS, LET YOUR MECHANIC KNOW.

REMEMBER YOUR MISSION AND SAFETY COULD BE AT RISK IF YOU DON'T DO A COMPLETE PMCS.

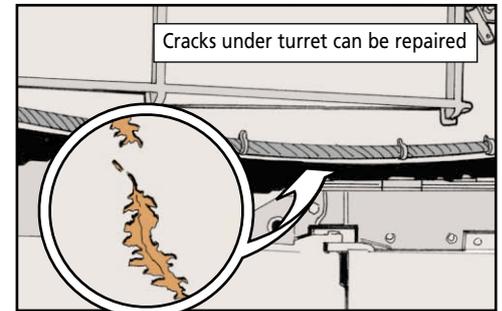
M1-Series Tanks...

IS YOUR TANK CRACKING UP?

If you've noticed cracks developing on the underside of the turret, don't panic. Your tank is not coming apart at the seams.

In most cases, these are not cracks in the armor but in the thin metal skin that covers the bottom of the turret.

They need to be repaired, though, so keep an eye out for those cracks during your PMCS. If you spot any, let your mechanic know. He'll fix them following the procedures that start on Page 5-450 of TM 9-2350-264-20-2-3. The repair procedures haven't been added to the M1A2 and M1A2 SEP manuals yet, but they're coming soon.



Cracks under turret can be repaired

Mechanics, a new PMCS check is being added to the -20-2-1 TMs for the M1A1, M1A2 and M1A2 SEP. It requires checking for the cracks during semi-annual services. Make a note until the TMs are changed.