

PLS...

HOW TO BEAT THE HEAT



SOME PLACES IN THE SANDBOX CAN GET SO HOT IT FEELS LIKE THE SCORCHING AIR OF A BLOW DRYER IS BLASTING YOUR FACE!



IF YOU FEEL THIS WAY, YOUR M1074, M1075 AND M1076 PLS PROBABLY DO, TOO.

YOU'RE DARN RIGHT WE DO!

SO CHECK OUT THE INFORMATION BELOW FROM GTA 43-01-012 FOR WAYS TO HELP YOUR PLS BEAT THE HEAT!

AND REMEMBER TO STILL EYEBALL YOUR VEHICLE'S -10 TM AND OTHER MAINTENANCE MANUALS FOR PMCS GUIDANCE.

PMCS Tips

1. Inspect add-on armor (AOA) for missing or loose bolts weekly.
2. Check cab mount bushings for over-compression.
3. Inspect the escape hatch position, latches and latch hardware to ensure they're properly placed and not worn out.
4. Check the air conditioner. If it isn't blowing cold air, have maintenance check it for leaks before your mission.
5. AOA requires frequent checks. Conduct vehicle checks at each stop during missions.
6. Idle the engine before shut down to allow time for cool down.
7. Drain the fuel/water separator daily.



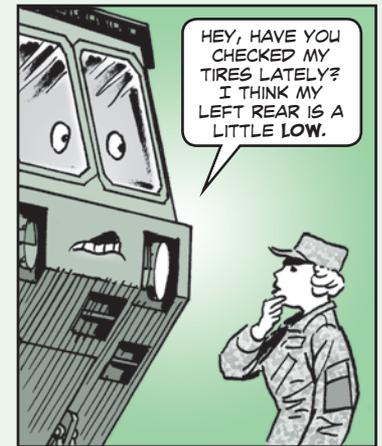
GOSH! Y'GOTTA GIVE ME TIME TO COOL DOWN BEFORE YOU SHUT ME DOWN!

Armor Concerns

1. AOA affects vehicle handling, so make sure you factor in greater stopping distances due to the extra weight of the PLS. The added weight will affect engine exhaust brake operation. Reduce speed before turning.
2. Do not park on slopes if possible. If the door flies open, the extreme weight of it can cause injury to personnel or damage to equipment.
3. AOA causes excess wear on the PLS' engine, drive line, brakes, suspension and steering components. Make sure they're serviced.
4. AOA reduces visibility, so stay alert and be sure your assistant driver is also alert.

Operating in Extreme Temperatures

1. Check fluids daily, including the batteries (if you don't use maintenance-free batteries in your PLS).
2. Check tire pressure daily.
3. Check batteries for cracks.
4. Replace worn engine belts.
5. Clean air filters and radiator fins daily.
6. Keep air conditioner fins free from dirt and sand.
7. Wipe dirt away from the fuel tank's lid before opening it.
8. Keep the outside of the vehicle free from dirt and sand. If they cake up on your PLS, your vehicle can overheat.
9. Watch all gauges and indicator lights for proper readings.
10. Cover windows when not in use. That keeps the inside of the vehicle cooler.



HEY, HAVE YOU CHECKED MY TIRES LATELY? I THINK MY LEFT REAR IS A LITTLE LOW.

Recommended Fluids and Lubricants

When temperatures reach 100°F:

1. Use OE/HDO 40 in the engine.
2. Use 15W/40 in the transmission.
3. Use a mixture of 50% water and 50% antifreeze in the radiator.
4. Lubricate the PLS and PLS trailer often, wiping off fittings first.

GOT QUESTIONS? SEND AN EMAIL TO: PLS2@conus.army.mil

