

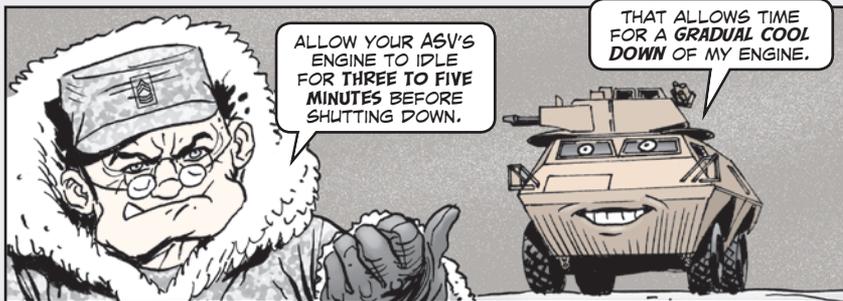


Operators, cold weather is no excuse to chill on PM. If you do, you'll be hot under the collar if your Armored Security Vehicle (ASV) breaks down!

Your ASV should run fine if you follow the PMCS guidance in TM 9-2320-307-10. Here are some basics you need to follow.

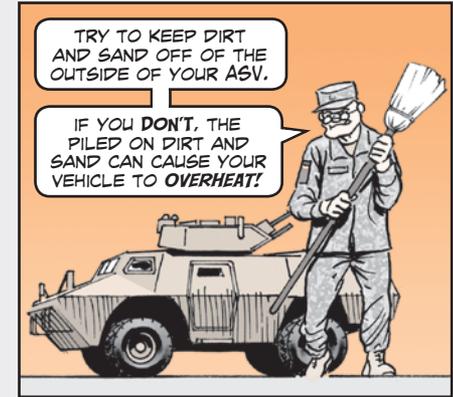
### PMCS Considerations

- Check the heating system before you go out on a mission. If it doesn't blow hot air, get your unit's maintenance folks to check the system for leaks.



### Extreme Temperature Operations

- Check fluid levels daily. That includes the old lead-acid batteries that aren't maintenance-free.
- Check all batteries for cracks.
- Replace engine belts that show any sign of wear.
- Clean air filters and radiator fins daily.
- Wipe dirt away from the fuel tank lid before you open it. That keeps dirt from mixing with the fuel.
- Watch all gauges and indicator lights for proper readings.
- Cover the windows when they're not in use. That should prevent ice and snow from building up on them.



### Recommended Fluids and Lubricants

- Engine lubricating oil is prescribed according to temperature ranges. Make sure you follow the engine lubrication guidance in TM 9-2320-307-10.
- Use OE 15W40 for your transmission.
- Use a mixture of 40% water and 60% antifreeze in the radiator, based on outside temps. Refer to your TM for specifics.
- Keep fuel tanks full during cold temperatures to prevent condensation that can turn into ice.

