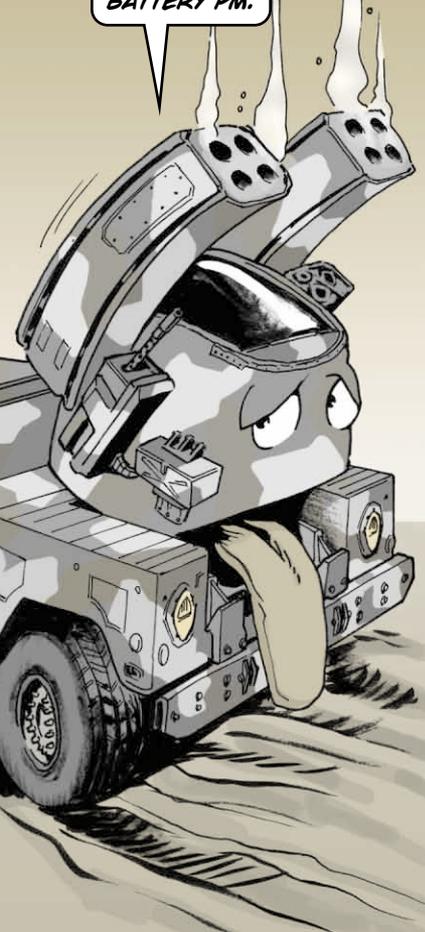


I JUST *DON'T* SEEM TO HAVE ANY *STRENGTH!*

I THINK SOMEBODY FORGOT *BATTERY PM.*



C-H-A-A-R-

R-R-G-G-E!

If you don't respect your Avenger's batteries at PMCS time, don't expect to do much firing. To do their job, Avenger batteries must be in peak condition.

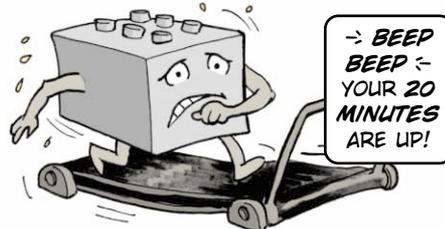
Keeping Avenger batteries strong takes the efforts of both repairmen and operators.

Repairmen

Repairmen, check the batteries with the hand-held battery load tester, NSN 6130-01-447-7294. It will tell you the battery's state of charge or if it's bad. To charge a battery, start the HMMWV and run it for 20 minutes at 1,200-1,500 rpm. Then test the battery again and charge longer if necessary. If a battery is badly discharged, it will be easier to charge it with a battery charger.

If you add distilled water to a battery, charge the battery before you test it. That mixes the water and electrolyte so that you get a good reading.

Once the Avengers are properly charged, have the operators charge the batteries for 20 minutes during weekly services.

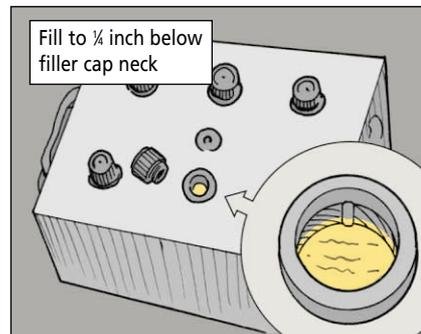


Every 6 months, test the HMMWV charging system to make sure the electrical system's working. Para 2-29 in TM 9-2320-280-20-1 has the instructions.

Operators

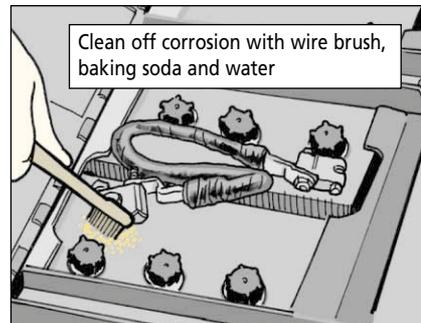
Check the batteries weekly. Take off the battery caps and make sure the electrolyte is $\frac{1}{4}$ inch below the filler neck or ledge. Add distilled water if necessary.

Fill to $\frac{1}{4}$ inch below filler cap neck

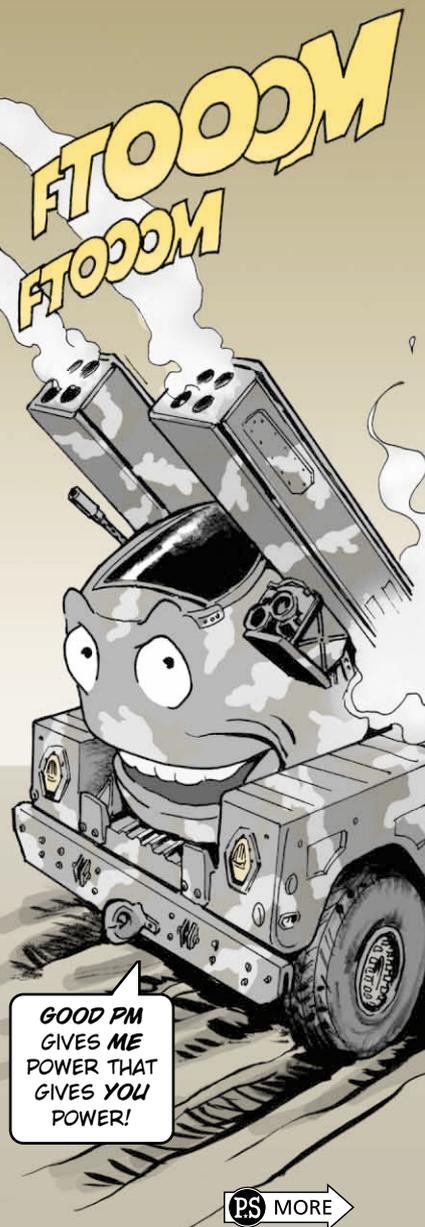


If corrosion has formed around the terminals, clean it off with the wire brush in your tool kit or a scouring pad. Neutralize any corrosion on top of the batteries with a mixture of $\frac{1}{2}$ pound of baking soda to 1 gallon of water.

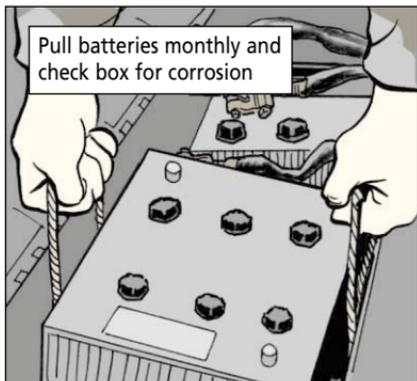
Clean off corrosion with wire brush, baking soda and water



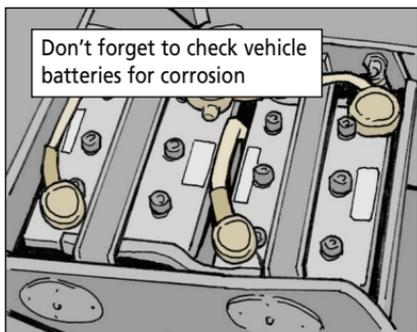
GOOD PM GIVES ME POWER THAT GIVES YOU POWER!



Monthly, pull the batteries and check the battery box for corrosion. If you find any, remove it with your wire brush and the baking soda-water solution. If corrosion has eaten off the battery box paint, repaint with the paint, NSN 8030-00-290-5141, listed as Item 29 in TM 9-1425-433-10's expendable/durables list in Appendix D.

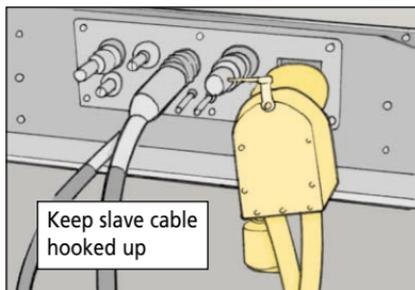


Of course, if the vehicle's batteries are in bad shape, you'll have trouble charging the Avenger batteries. So, when you do system battery services, pull the seat and check the HMMWV's batteries for corrosion. Your repairman services the vehicle batteries.



In the Field

Keep the slave cable connected at all times. The Avenger runs on both the system and vehicle batteries.



If you must operate with the truck shut off, keep an eye on the Avenger battery indicator. Once it shows below 85 percent, start the truck and recharge the batteries.

