

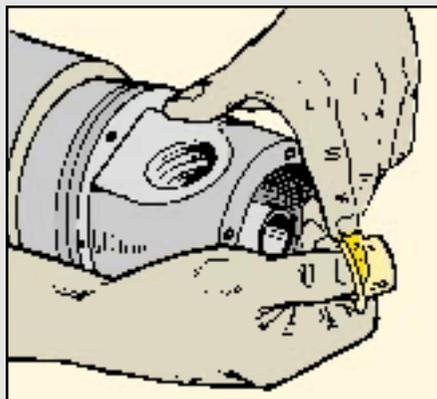
Avenger Missile System . . .

# Don't Slip Up on Slip Ring

Water in the Avenger's slip ring makes the slip ring's performance slippery. But you can prevent some of the faults and erratic performance commo problems by telling your unit not to steam clean around the turret and to use low-pressure water for cleaning instead.

Also, remove the slip ring drain plugs and drain the slipring at least every 6 months. A good time to do it is when you grease the gears for the turret. In rainy or humid areas, drain the slip ring more often.

Keep the slip ring dry by putting RTV around the edges of the three plug caps before screwing them back in the slip ring. That helps them seal out moisture.



Patriot Missile System . . .

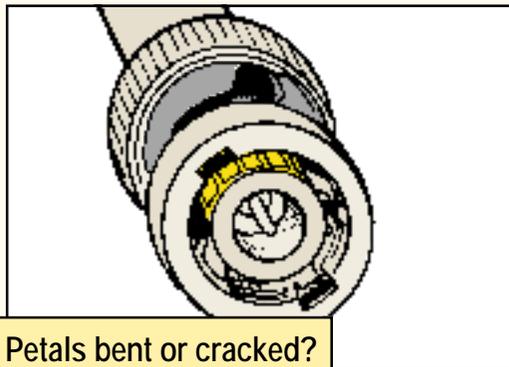
## Pick These Tips Up on Radar

*Dear Editor,*

*We've learned a couple of things that will help other Patriot units operate their AN/MPQ-53 radar sets:*

✓ *Check the shielding for the RF (radio frequency) cable connectors before you go to the field. If the shielding petals are bent or cracked, RF will leak and you will get a poor signal. Report cables with damaged shielding.*

✓ *Take off all field gear before you go inside the radar van. There is little room to maneuver in the van. If you're wearing your web gear or mask or carrying your rifle, it's easy to catch one of the small wires and rip it out—and you won't even know it. It may take lots of troubleshooting to find that wire.*



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