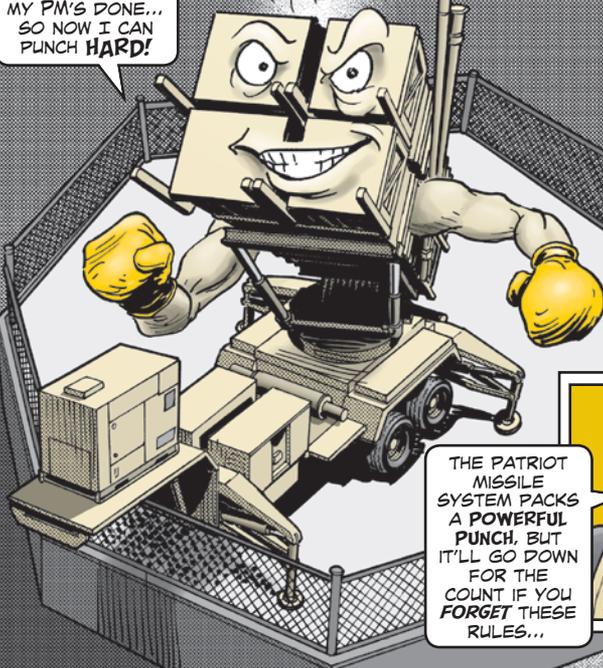


# Protect Your Patriot Like This

LEMME AT 'EM! MY PM'S DONE... SO NOW I CAN PUNCH HARD!

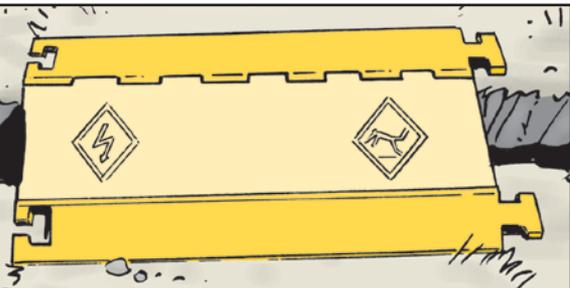


THE PATRIOT MISSILE SYSTEM PACKS A POWERFUL PUNCH. BUT IT'LL GO DOWN FOR THE COUNT IF YOU FORGET THESE RULES...



**Protect the cables that run between the components, particularly those between the battery command post and engagement control station (ECS).** Often the cables are run over by trucks, which rips them loose. The cables are expensive to replace, and the Patriot is out of action in the meantime. At the very least, mark off the cables with flags. Some units have invested in cable protectors that shield the cables from tires. Type in "cable protectors" in an Internet search engine to find some sources.

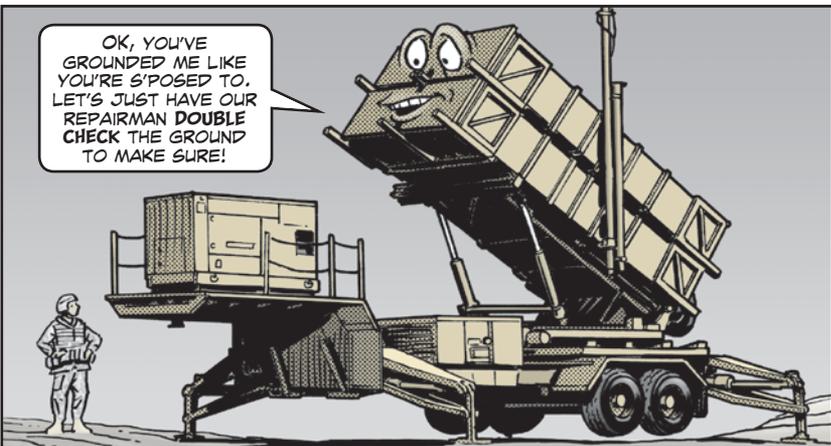
Some units buy cable protectors to prevent cables from being ripped loose



**Carefully follow the directions in WP 0087 00 in TM 9-1430-607-12 when erecting the quick erect antenna mast (QEAM) system.** If the guide wires aren't installed properly, the QEAM's internal plastic gears can be broken.

Follow the grounding procedure spelled out in the Patriot's TMs. And then double-check that the ground is good. How you ground the Patriot's systems will depend on the environment. But once you've finished setting up the grounds, have your repair tech test them before you operate. That could save you from a very big shock.

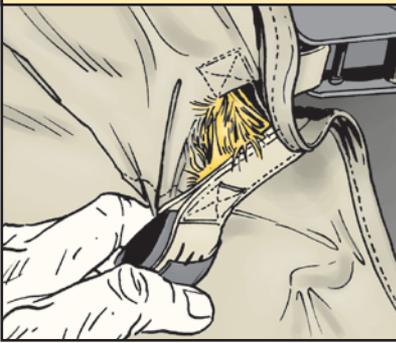
OK, YOU'VE GROUNDED ME LIKE YOU'RE S'POSED TO. LET'S JUST HAVE OUR REPAIRMAN DOUBLE CHECK THE GROUND TO MAKE SURE!



**Don't over-tighten the straps on the new shrouds for the radar.** That will either pull out the clips for the shroud straps or damage the shroud itself. Pull the straps snug, then stop.

**Easy does it when pulling out the cables for the electric power plant (EPP).** It doesn't take much of a jerk to break the cable reel's lock, making the EPP NMC. Some units have solved that problem by having stronger reel locks fabricated.

Overtightening shroud straps can rip shroud



Jerking out EPP cable breaks reel lock



**When installing the ECU air conditioner, make sure to install the rubber grommet on the power cable that goes into the ECU.** Also, ensure the access cover on top of the A/C is completely screwed down. If the grommet or access cover screws are missing, the A/C can't drain properly. Then you start having A/C problems.