

# PM You Can Salute

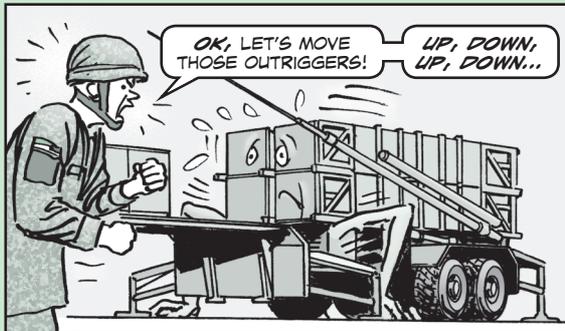
PRACTICE THIS PM AND YOUR PATRIOT SYSTEM WILL STAND UP AND SALUTE WHEN IT'S TIME FOR ACTION...



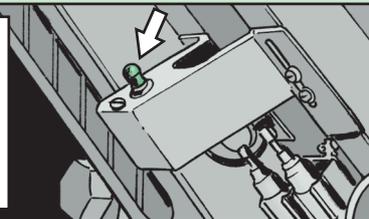
## Outriggers

The outriggers on the Patriot trailers need weekly exercise to prevent freezing from corrosion. If they lock up, when you try to move the outrigger up or down it snaps at one of its welds. So raise and lower each outrigger weekly.

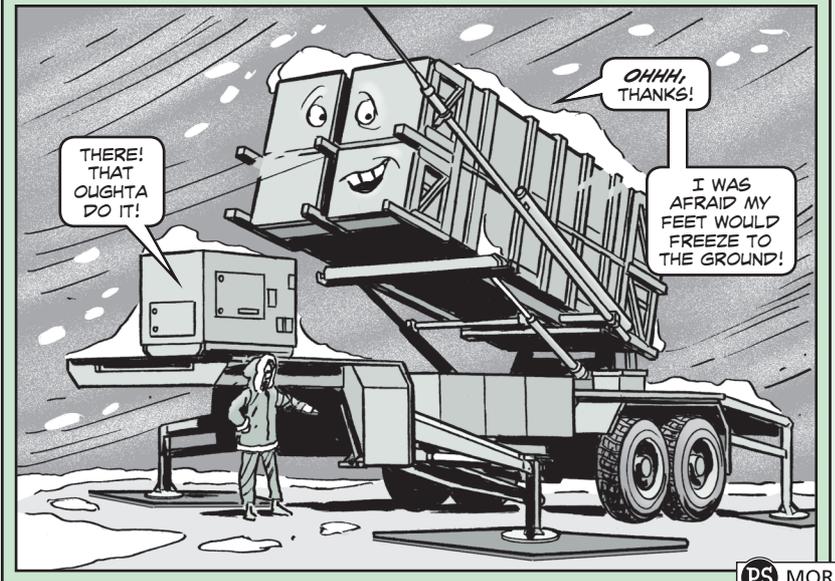
While exercising the outriggers, make sure each outrigger's three limit switches are still working and in adjustment. If the outriggers move beyond their normal limits, something is wrong. Tell your repairman.



Make sure each outrigger's three limit switches are working

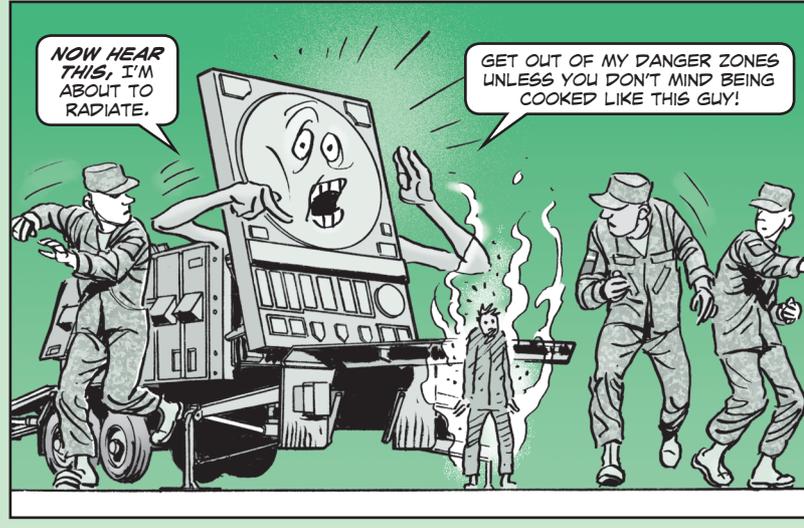


In freezing weather, put plywood or cardboard under the outrigger feet to keep them from freezing to the ground. Outriggers with frozen feet can break when you try to lift them off the ground.



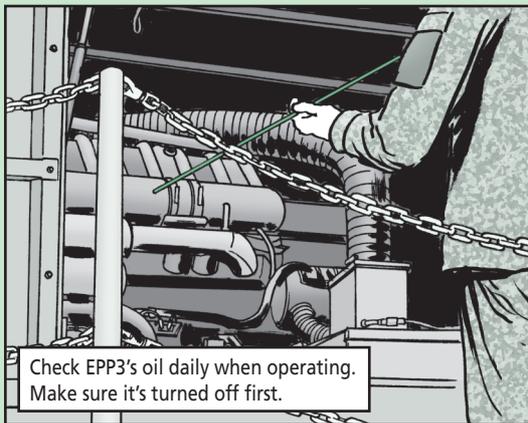
## Radiating Safely

The Patriot radar puts out major juice when it's radiating. If a Soldier gets caught in the danger zone of the radar, he can cook like a potato in a microwave oven. That's why it's critical for you to practice all safety precautions when the radar is operating. Set up the range poles that mark where the danger zone is and sound the warning buzzer when you start to radiate.



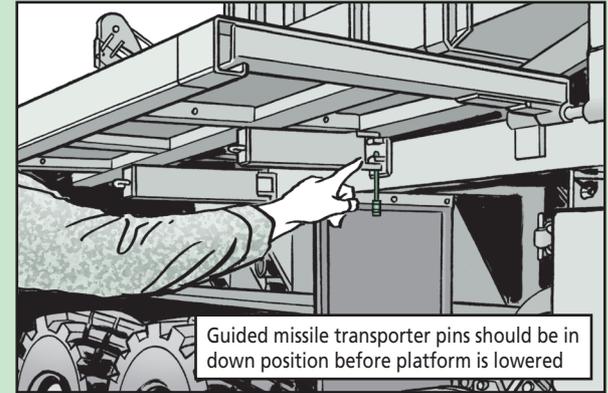
## EPP3

Most EPP3s (electric power plant) leak a lot of oil. There's not much you can do about that except make sure the oil pan's bolt is kept tight and **check the oil daily** when operating. Remember the EPP3 must be shut down to get a correct oil reading. If the generator is running, the oil level will look low and you'll put in too much oil. That can pop seals.



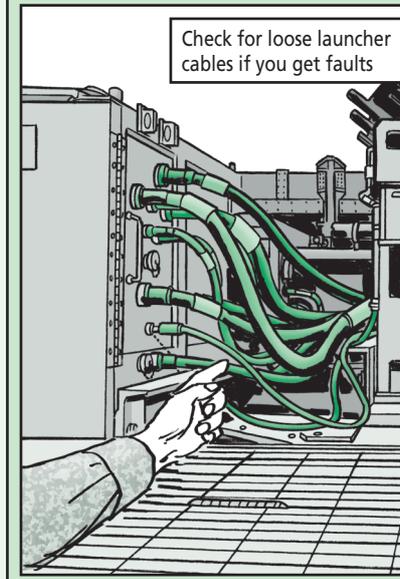
## Guided Missile Transporter

Before you lower the side platforms on the guided missile transporter, first make sure the pins for the platform are in the down position. If they're sticking up, the platform bends them. Bent pins are difficult to remove and usually must be replaced.



## Launcher Troubleshooting

If you're getting unexplained faults with the launcher, try tightening all the launcher cables (especially those to the electronic launcher module) before calling in your repairman. Just one loose cable can be enough to cause faults.



## Missile Canister Nuts

Two crew habits break the hex nuts on the missile canisters: over-torquing the nuts until they break and failing to put the concave washer under the nut to keep it from breaking.

Before you torque the canister nuts, make sure the concave washer is installed. Tell your repairman if you're missing washers, NSN 5310-01-534-6955. Set your torque wrench to 60 lb-ft and don't torque the nuts any tighter. If you're doing timed drills, make sure your torque wrench is set to 60 lb-ft before you start the drill. That way you'll be less rushed.

