

THE PATRIOT IS ONE OF THE ARMY'S **MOST COMPLEX SYSTEMS**, WHICH MEANS IT NEEDS **ALL YOUR ATTENTION** IF IT'S GOING TO DO ITS JOB.

YOU GOT THAT **RIGHT, HALF-MAST!** I NEED **CONSTANT ATTENTION**. HERE'S...

HOW YOU CAN HELP!



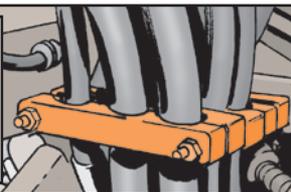
Carefully remove missile desiccant panels. To change the missiles' desiccant, you have to remove the panel. But you must remove and install the back plate bolts in the proper order and use the right torque or you can crack the panel. That could mean you have to code out the missile.

Torque the bolts to 16.0+/-2 lb-in and remove and install them in this order:

○ 1	○ 9	○ 5	○ 15	○ 3
○ 13				11 ○
○ 8				7 ○
○ 12				14 ○
○ 4	○ 16	○ 6	○ 10	○ 2

Secure those cables! Every year launcher cables are ripped out because they've been left dangling. When the launcher swings around, it catches those loose cables and r-i-i-p. One unit lost a J box, cables and wiring harness this way. Total bill: \$491,032.

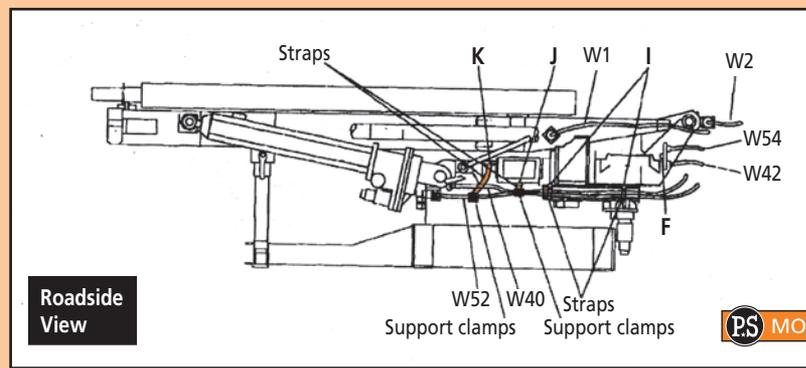
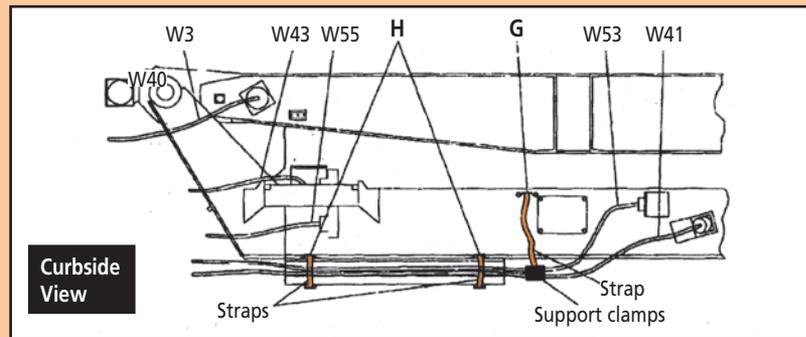
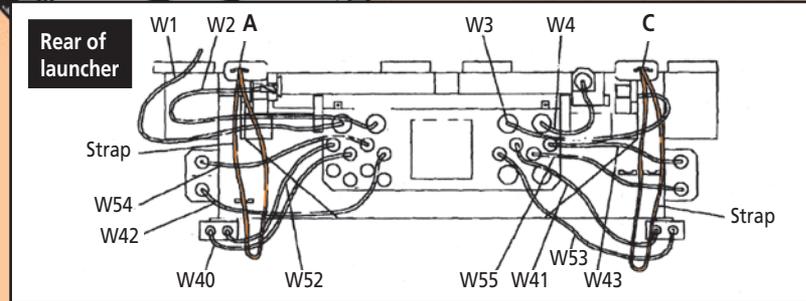
Cable clamp assembly prevents dangling cables

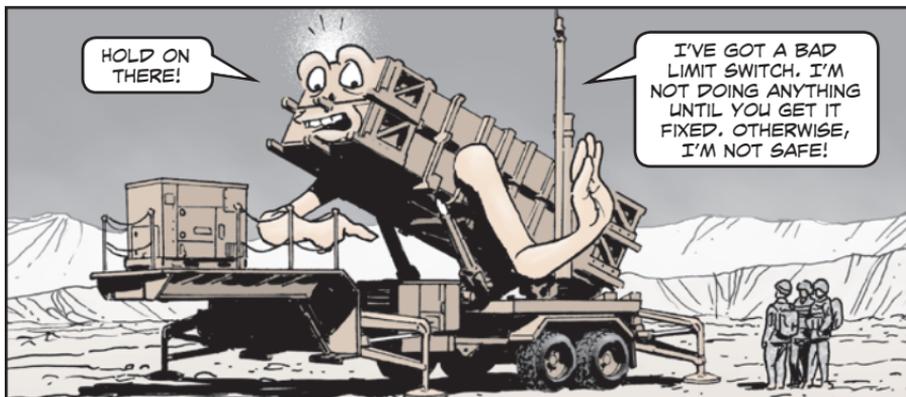


To help you secure the cables, you can order a launcher cable clamp assembly, NSN 4030-01-582-8341. Then use the diagrams on Page 37 to secure the cables with clamps and straps.



FOLLOW THESE THREE DIAGRAMS FOR **SECURING THE CABLES** AND YOU'LL NEVER NEED TO WORRY ABOUT THAT HAPPENING AGAIN...





Don't bypass limit switches. Limit switches can take a beating during travel and then they stop working. But if you bypass limit switches to keep operating, you cause safety problems: Outriggers overextend and break or outriggers won't stabilize the launcher correctly. That could get somebody killed. If a limit switch has stopped working, report it ASAP so it can be fixed.

Protect the launcher actuator covers...and order extras. The covers are flimsy and break easily. Handle them with care. Take them off every few months and clean under them. Some units zip-tie them on to keep them from disappearing. But you'll still need to order extras with NSN 1420-01-354-9685. They'll probably wear out in six months.

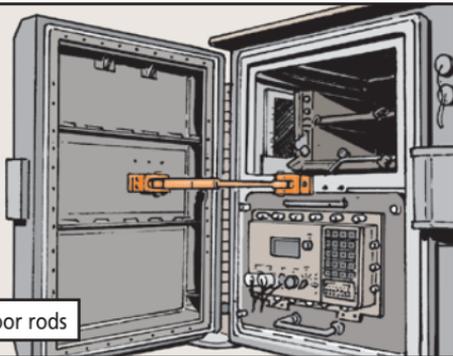


BE CAREFUL RAISING THE OUTRIGGERS IN COLD WEATHER.

IF THE PADS FREEZE TO THE GROUND, THEY CAN BREAK WHEN THE LEGS ARE LIFTED. FOLLOW THE DEICING PROCEDURE IN WP 0157 IN TM 9-1440-1600-10 (DEC 04, W/CH 9, SEP 13) BEFORE LIFTING THE OUTRIGGERS.

Easy with the eight launcher doors.

If you jerk the doors open or slam them shut, the door rods break. Then you can't keep the door open. Open the doors without over-muscling them. Lock the rod in place to keep the door locked open so the wind can't slam it shut. When you're done, release the rod and carefully shut the door.



Jerking or slamming launcher doors breaks door rods