

DON'T Leave Out Outriggers

OH, MY ACHING FEET!

NOBODY HAS BEEN GIVING MY OUTRIGGERS ANY ATTENTION.

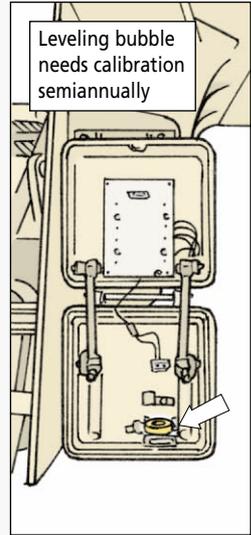
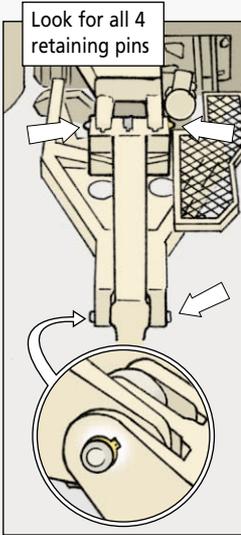
OUTRIGGERS ARE THE FEET FOR YOUR PATRIOT'S TRAILERS.

IF YOU LET THEM GET IN BAD SHAPE, YOUR PATRIOT CAN'T GET THE FOOTING IT NEEDS TO SET UP FOR FIRING.

DON'T LEAVE OUT THIS OUT-RIGGER PM WHEN YOU DO YOUR PATRIOT PMCS...

I CAN'T STAND THIS!

- Look for leaks. If too much hydraulic fluid leaks out of the outriggers, they will be difficult to raise or lower. Check the ground for puddles, especially under the actuators. They're the prime suspect for leaks.
- Make sure the retaining pins for the outriggers' joint pins are installed and tight. There are 4 retaining pins for each leg: 2 on the top joint and 2 on the bottom joint. If the retaining pins disappear, the joint pins can work out.
- Get the outrigger control box's leveling bubble calibrated every 6 months. Many bubbles are never calibrated. Eventually, the bubble doesn't give true readings and the launcher can't be leveled correctly for firing. See Page 4-125 in TM 9-2330-357-14&P for leveling instructions.



- When you open and close the control box, keep your fingers on the outside of the box. If you stick your fingers inside the box, the bars can crush your fingers. The box will be much easier to open if you lube its hinges monthly with light oil.
- Remember to unhook the outriggers' safety chains before you lower outriggers. If you forget, the outriggers will be damaged.
- Remember to stow the launcher antenna before you raise the outriggers. Otherwise, the antenna will be snapped off.
- The cables for the outrigger actuator motor often develop holes in their covering, which lets water in the cables and can short them out. Check the cables monthly for holes. If you spot any, use shrink tape, NSN 5970-01-169-2783, to seal the holes.

