

METAL-TO-METAL CONTACT BETWEEN YOUR BRADLEY'S TURRET AND TOW LAUNCHER IS NOT A GOOD THING!

YOU SAID IT, HALF-MAST!

FLOOM
FROOOM

Running Interference for TOW Launcher

Dear Editor,

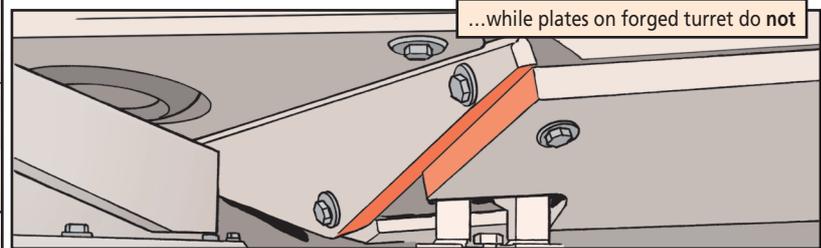
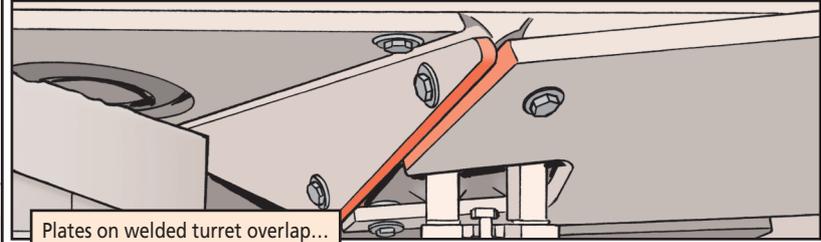
Some time back, we noticed a problem with interference between one screw on the Bradley's bolt-on armor and a second screw on the TOW launcher when it's positioned at maximum elevation.

The first screw is the upper left 1/2-in mounting screw on the turret armor plate, NSN 9515-01-268-3375. The second is a 3/8-in screw on the fourth upper hole of the TOW launcher's armor plate, NSN 1005-01-110-7641.

The problem exists only on Bradleys that have forged turrets. Forged turrets are thicker than welded ones, so when armor plate is installed, the mounting hardware on these turrets is closer to the TOW launcher. That results in the interference between the two screws.

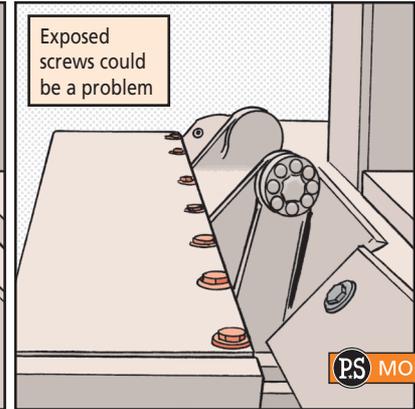
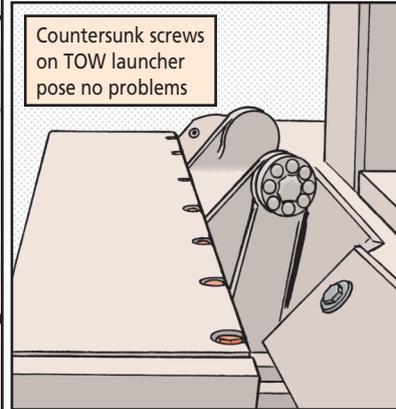
The fix for the problem is fairly simple:
7. You must determine whether the turret is forged or welded. Look at the point where the two bolt-on armor plates, NSN 9515-01-267-8108 and NSN 9515-01-268-3375, meet.

If the two plates overlap, do nothing. The turret is welded and you won't have the screw interference problem. If the two plates *don't* overlap, the turret is forged. Go on to Step 2.



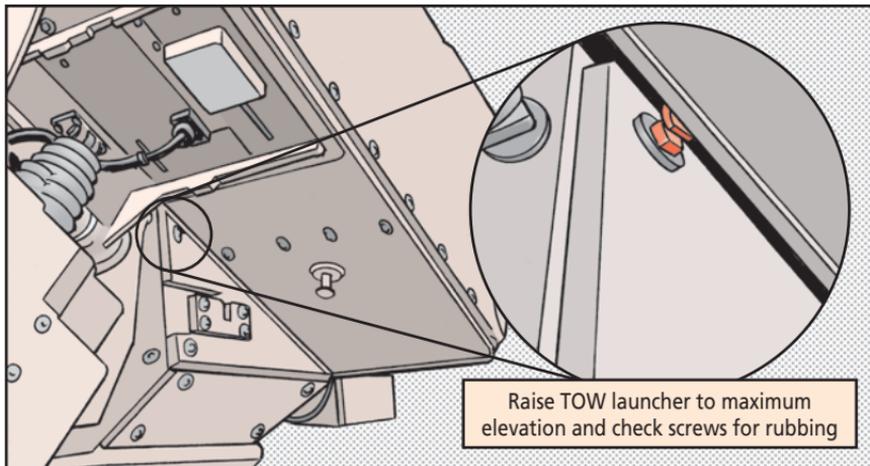
2. Check the screws attaching the armor plate, NSN 1005-01-110-7641, to the TOW launcher. Earlier versions of this armor plate used countersunk holes for the screws.

If the screws on the TOW launcher armor are countersunk, stop now. There is no interference problem. However, if the screws *aren't* countersunk, continue to Step 3.

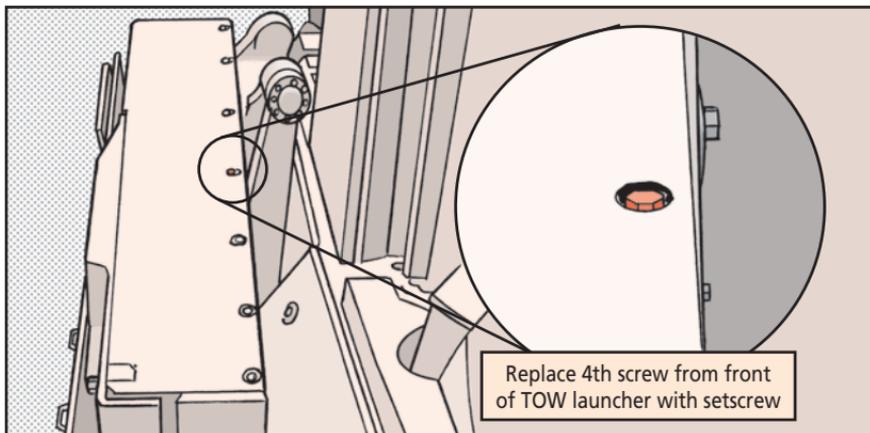


PS MORE

3. Raise the TOW launcher to its maximum elevation. Watch closely to see if the two screws hit. If they don't, stop here. If they do, continue to Step 4.



4. Remove the $\frac{3}{8}$ -in screw at the fourth position from the front of the TOW launcher. Replace it with setscrew, NSN 5305-00-724-5888. Coat the setscrew threads with sealing compound, NSN 8030-01-014-5869, to hold it in place.



Once installed, the setscrew is flush with the armor plate, eliminating the interference problem.

Ted Krieger
BAE Systems
York, PA

Editor's note: We won't try to interfere with that suggestion! Good job!

