

Protecting Your Sight

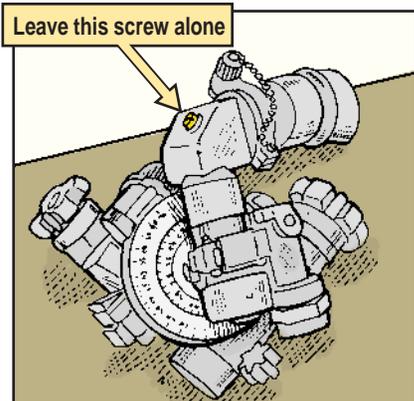
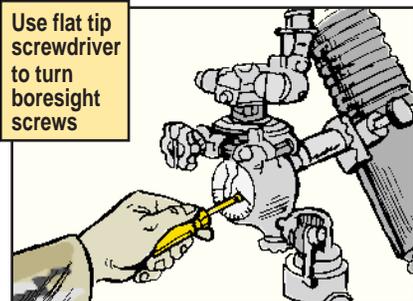


An M29A1 or M30 mortar with a bum sightunit is a mortar that's shooting blind. That means you won't hit your target and you could hit your own people. Here's how to keep your M53/M53A1 sightunit seeing clearly:

When you boresight, use the flat tip screwdriver that's part of the mortar's BII. Other screwdrivers can

round out the screws' slots. Then you can't boresight until the screw's replaced.

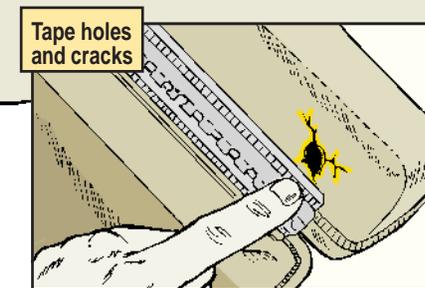
But leave the elbow telescope screw alone. Monkeying with it can damage the telescope's seal.



When you're finished boresighting, make sure the coarse elevation scale and elevation knob screws are tight. If they're even slightly loose, the shock from firing will throw off the sightunit's accuracy. A few more shocks and the screws fall out. No more boresighting.

Be careful stowing the sightunit in its case. You may think you've positioned the sightunit OK, but unless you do it just right you may damage the lamp bracket holder. More likely, you could poke a hole in the case. Then dirt and moisture get a shot at the whole sightunit.

If the case does have a hole, tape the hole inside and out with duct tape until you can get a new case, NSN 1240-00-823-5611.



Be especially careful to rotate the azimuth to 3,800. And make sure the instrument light cables are positioned so they won't be pinched by the case lid and so they can't damage the eyeshield.

