



To get the sharpest image on AN/PVS-7B, or -7D night vision goggles, the objective lens is factory-set at infinity. This setting is held by the objective lens assembly locking ring.

During some maintenance, the locking ring is released, the objective lens is refocused and the locking ring is set and sealed again.

So far, so good.

Unfortunately, users, some of you aren't happy with the sharpest focus you can get. You're sure you can do a little better. So, you break the seal on the locking ring and start twisting the infinity focus. Soon, you've screwed the objective lens so tight against the image intensifier tube that you crack the lens at worst or reduce goggle performance at best. Neither of these is a good thing!

**Users**, your job concerning the locking ring is to make sure it isn't loose or cracked like it says in TM 11-5855-262-10-2. It is not your job to loosen it. If the ring is loose or cracked, turn it in to your NVG maintainer for repairs.

**Maintainers**, your job is to reset the infinity focus and lock the ring in place. To ensure the locking ring stays in place, it is sealed with drops of sealing compound, NSN 8030-01-390-7555.

**Do not seal it with super glue or any other kind of glue!** Doing this will not allow future adjustments. Then the entire objective lens must be replaced. Most of you are saying you would never use glue. Good. But some of you are saying "oops," because you've done it! Just say "No!" to glue!

When the locking ring needs to be loosened, do it with cushioned slip-joint pliers, NSN 5120-00-624-8065. This is all part of the instructions in Para 3-13 of TM 11-5855-262-23&P-2.

