



Rebuildable Target Repair Procedure

Your tool kit contains everything needed to repair the LPT rebuildable retroreflective targets.

1) If your target is hard to remove from the tool piece:

Use the target grippers provided in the repair kit as an extractor tool. Its 90 degree jaws gets behind the body of the target, and the long handle provides suitable gripping area to pull stubborn targets out of their bushing.

2) Removal of the black delrin insert:

Insert the pick tool (small screwdriver) into the small hole on the circumference of the insert, and pop out the delrin insert. This will expose the retroreflective material.

3) Removal of old reflector material:

Carefully lift the old retroreflective material with blade of the small flat tip screw driver.

Use tweezers to grasp and remove old target material.

4) Making a new reflector:

Punch out a $\frac{1}{4}$ " dot of retroreflective material using the included hand punch.

Peel away the protective material to expose the adhesive.

Carefully place the reflector in the center of the target, and press down firmly.

5) Installing delrin insert:

If the delrin insert is still in good condition, it may be reused, otherwise use a new one from the kit.

Slip the drill bushing included in the tool kit, over the shank of the target, to protect the shank.

Place the insert with the flat side toward the target, into the target recess, and apply light pressure to set the insert into the pocket.

Place the target face down on a smooth hard surface, and seat the insert by tapping on the drill bushing with the supplied ball peen hammer.

If rebuilding a 45 degree target, insert the partially seated target assembly into the notched face of the 45 degree anvil block and complete the seating as above with the hammer.

6) Touching up:

The target assembly is now complete, prior to use, inspect the body of the target for scratches, nicks, or wear through of the black oxide finish. Any bright silver markings may potentially interfere with the accurate registration of the target by the laser system. Use the black marker provided in the kit to cover any bright marks on the target body.

The target is now ready for service.