

How do I clean/maintain my USL/SVR Leveling Rod?

To take apart this rod, depress the lock button and pull the section out. Once the section is out, you will notice 4) screws holding the lock assembly in place. Use a screw driver to remove the screws. When the screws are removed, depress the lock button and pull the lock assembly out. Be very careful - this is a spring loaded lock assembly and it could pop out forcefully. **We suggest using safety glasses.** If you are replacing a complete section, all you do is depress the lock button, pull out the old section. The new section comes complete with the lock assembly already in place. Depress the lock button of the new section and push the complete section back into the rod.

To replace the lock assembly, place the button in the lock assembly, depress the button and push back into the top of the section. Put the screws back in and push the complete section back into the rod.

While you have the sections pulled out, use a damp cloth to clean the section. Dry it well and continue use.

How do I clean/maintain/replace parts in my One Shot Direct Elevation Rod?

Loosen the bottom knob lock. Let all the inside sections slide out the bottom of the rod. Extend bottom section until Button engages, depress the lock button and remove the bottom section. Use a screwdriver to remove two screws from foot and pull apart. You need to take a punch and drive pins through. Depress the lock button and pull the lock assembly out. Be very careful - this is a spring loaded lock assembly and it could pop out forcefully. **We suggest using safety glasses.** To remove the Base Caps from the #3 and #4 sections, take a punch and drive pins through and then remove the Base Caps.

When all of the inside sections are out, you will see that the next section has drive pins holding the lock assembly in place. You need to take a punch and punch the drive pins through. Once the drive pins are out, pull the plug out, being careful of the **spring-loaded mechanism**. Repeat until you get to the section or lock assembly you need to replace. Be sure to save all of the drive pins and plugs, this is how you will assemble your rod back together. Before you start to assemble, wipe to remove any dirt on #3 Section and elastomer white pad on the Knob Lock. **Do Not** use solvent-based cleaners.

To reassemble the rod, you work from the bottom again. Put your new section on, by sliding the inside sections up through the bottom. When this is done you need to replace the lock assembly, button and spring. Place the drive pins back in the section and slide all the inside sections up through the bottom of the rod. Continue doing this until you get all of the sections back in place.

To replace Lock Assembly, Level Vial, or Knob Lock, remove 6 #8x3/4" Flat Head Phillips Screws and pull apart. To reassemble, take the B-half of the assembly and insert the level. Place the lock knob with the locating pin into slot in the B-half. Make sure the square nut plus washer are together and placed in slot. Using the alignment pins made on the A-half, place in holes on the #4 section. Then place the B-half with A-half and replace the 6 Flat Head Phillips Screws.