



**Before installing your joystick handle assembly kit, you must first remove the existing handle clevis end. As these are on very tight, the manufacturer recommends the following steps.**

1. Remove the End Cap on the opposite end of the valve. You will see an allen head slot.
2. Use an allen wrench to hold the spool from turning while you attempt to remove the spool clevis on the opposite end.
3. If the screw comes loose on the spring end first, go ahead and remove it. Apply some Loc-tite to the screw and re-install it. Allow the Loc-tite to set and repeat Step 2.
4. After you have removed the clevis end, follow the instructions included with the joystick handle kit.

**Spools that have a float position will not have an allen head screw. For spools with a float position, use the following steps.**

1. Remove the End Cap only (DO NOT remove the entire float spool attachment). Hold the float spool attachment in place.
2. Use a large flat head screw driver to keep the spool from turning while you remove the spool clevis on the opposite end. \*\*
3. After you have removed the clevis end, follow the instructions included with the joystick.

**Exploded view of Float Spool Attachment**

