



LEVER / SPRING / RATCHET REPLACEMENT GUIDE

Detailed instructions for repair of the C3 Device

Tools Needed:

- Safety Glasses
- Safety Gloves
- Two 7/16" Socket Set or Wrenches
- Phillips Screwdriver
- Pliers



Step 1:

Use 7/16" sockets/wrenches to loosen bolt and remove hook.



Step 2:

Caution: Spring may fly loose when separating ratchet halves or removing parts, so wear safety glasses and gloves.

Remove 4 screws and carefully separate the 2 halves of the ratchet assembly. Remove and discard old parts.



TIP: If you are replacing the entire ratchet, when removing the wheel of the new ratchet to put the rope on it, you can leave the lever and spring in place if you pull the lever while removing the wheel.

Continued on other side



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Step 3: New spring/lever orientation

Allign spring and lever correctly (figure a) and maintain orientation while placing spring on lever. (figure b)



CAUTION: Wear safety glasses and gloves. Spring is sharp and can fly up.

Step 4: Installing lever/rope orientation

Hold lever while compressing spring with pliers to insert in ratchet body. (figure c) If replacing the entire ratchet, make sure rope is oriented correctly (figure d) before step 5.



Step 5: Reassembly:

1. Replace ratchet cover half. Moving the lever will help to get the wheel axle to line up right with the cover.
2. Tighten the 4 phillips-head screws, careful not to cross thread.
3. Re-attach the hook as pictured (see also step 1 picture). Tighten bolt and nut until snug. **Overtightening may make lever stick.**
4. If necessary, use a slotted screwdriver to center the spring on the lever. The rope should ratchet through the device when you pull on the handle without actuating the lever. (see figure d)



CAUTION: Wear safety glasses and gloves. Spring is sharp and can fly up.