

Ratchet Part Replacement

1. Tools Required

- a. 5/8" End Wrench

2. Safety Requirements

- a. Safety Glasses

3. Belt Replacement Procedure

- a. Click the ratchet release levers to their neutral positions
- b. Remove the strap belting from the spool by unrolling it.
- c. Remove the belt attaching screw and formed washer from the belt spool hub and place the coiled belt stack to the side. A large paper clip installed on the belt edge ends work well to keep the belt stack-up from unraveling.
- d. Reinstall belt and assembly in reverse order to complete the belt replacement.

4. Ratchet handle and or spring Replacement Procedure

- a. Complete disassembly instructions listed in section 3.0, and then remove the 7/16" Nylock nut from the bottom end of the main ratchet shaft with the 5/8" end wrench. The nut is located below the lower cross member angle.
- b. Remove the ratchet main hex shaft upward through the support bracket holes and place to the side.
- c. Remove the ratchet handle and or spring as required from the ratchet main hex shaft.
- d. Reinstall the spring & belt assembly in reverse order to complete the return spring replacement. Tighten the "Nyloc" nut to leave approximately 1/32" of shaft end play when pushed upward from the bottom. This will keep the mechanism from binding. *Note that the ratchet lever return spring can easily get a coil caught between the ratchet handle underside and the mounting support plate top.*