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## MOUNTING INSTRUCTIONS FOR ELECTRIC REWIND CORD REEL

- 1- Unpack the shipping box. Inside you will find an Extenda-Lite **Electric Rewind Cord Reel** that is totally prewired.
- 2- Inspect the box and all items inside for damage. Report any damage to the delivering carrier immediately. If there is any damage, save the box and all packing materials.
- 3- Before doing any wiring make certain the power cord to the cord reel is completely disconnected from its junction box or power supply. Have a Licensed Electrician do all wiring.
- 4- If the hub is going to remain on the frame during installation please skip to line 13.
- 5- Remove the six screws that attaches the upper guard to the frame and lower guard and set upper guard aside.
- 6- Remove the four screws that attaches the lower guard to the frame and set lower guard aside.
- 7- Loosen the four bolts that attach the motor to the frame.
- 8- Adjust motor to put slack in the chain and remove chain from small sprocket on motor.
- 9- Remove the 4 bolts that secures the isolator mounts on either side of the disks.
- 10- Remove hub/disk assembly and set aside.
- 11- If the motor is going to remain on the frame during installation please skip to line 13.
- 12- Remove the four bolts that attach the motor to the frame and set motor aside.
- 13- Properly orientate frame (Remember motor can be mounted on left or right side by simply rotating hub/disk assembly before reassembly).
- 14- Holes have been predrilled along the base of the frame for mounting purposes. Mount frame level.
- 15- After frame is mounted attach motor back to frame. (If removed in step 10)
- 16- Attach hub/disk assembly to frame (If removed in step 3) and reattach chain guards.
- 17- Attach cord to the 1' pigtail coming out of the hub - Black to Black, White to White, Green to Green and Red to Red (if 4 wire) **See other side for detailed instructions. Please note 4 wire is not available on the ERWC-16-6.**
- 18- Run wire from 12 volt power source to relay to circuit breaker to switch to motor. **(Per the manufacturer's instructions the solenoid should be mounted as close as possible to the battery as possible.)**
- 19- Run wire from AC power source to gang box on side of reel. Depending on how reel was specified the gang box will either be direct wired to reel or there will be a 4' pigtail between gang box and frame.
- 20- Insert wire from power source through side of gang box and attach to the corresponding slot on terminal block - Black to Black, White to White, Green to Green and Red to Red (if 4 wire). **Please note 4 wire is not available on the ERWC-16-6.**



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## Extenda-Lite

### Wiring of the hub is the same as wiring the portable reels

17a



There will be three (four) wires coming out of the center hub, Black (hot), **(Red if a 4 wire reel is purchased - Hot)** White (common) and Green (ground) and each is equipped with a 10-12 yellow butt connector attached to each wire.

17b



On YOUR CORD SET prepare one end of your cord by taking about 4" of the outside insulation off making sure that you do not cut through or into the three inside wires. Remove inside fillers, leaving three number 10 or 12 wires.

17c



Cut back the ends to match the offset on the wires from the cord reel hub. Now strip the insulation off the three (four) wires and twist the ends so there are no loose strands.

17d



Slip your prepared cord set end through the rubber coated cable clamp and slide the 6" piece of shrink tubing over your cord set end.

17e



Connect the Black, White and Green wires from your cord set to the three matching colored wires exiting the cord reel's center hub. **(Red if a 4 wire reel is purchased.)** Hand crimp each connection with heavy duty wire crimps designed for crimping. Make sure that there are no loose wires or wire strands around the butt connectors.

17f



Slide the shrink tube down your cord set wire and over the three butt connectors to the reel hub.

17g



With a heat gun carefully shrink the black tube around both wires until tight. **Do Not** burn the reel disk or wire connections or melt the center hub of the reel with your heat source.

17h



Tighten up the cable clamp. The clamp is to be tight on your cord set end ahead of the butt connectors.

