

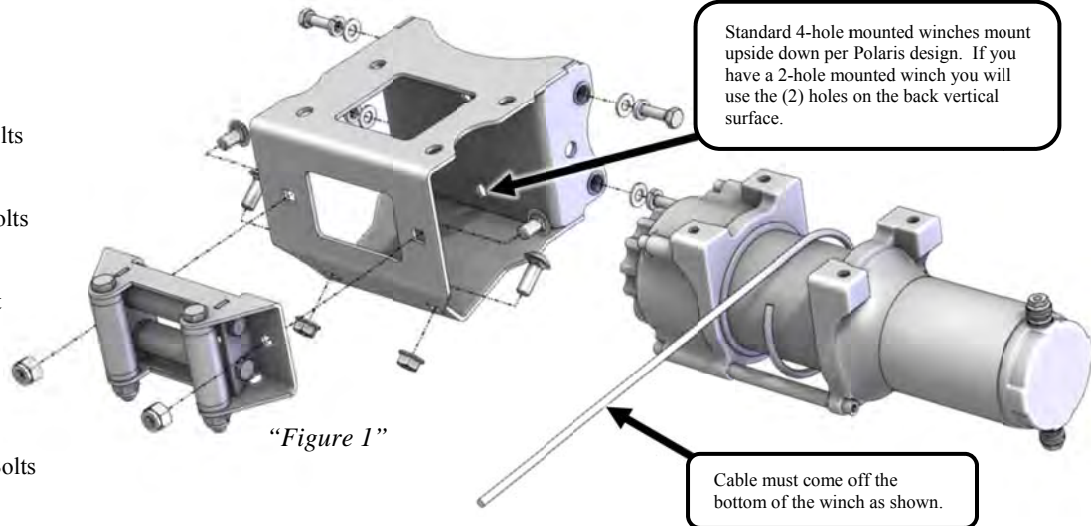
Polaris Sportsman XP 500/550/570/800/850 Winch Mount

Winch Mount

PART # 100740

Kit Components:

Qty	Part Description
1	Winch Mount
4	5/16-18 x 1" Hex Head Bolts
4	5/16 Flat Washer
4	5/16 Lock Washer
2	1/4-20 x 1.00" Hex Head Bolts
2	1/4" Flat Washers
2	1/4-20 Locking Hex Nuts
1	6mm x 18mm Battery Bolt
1	Male Terminal
2	3/8"x 3/4" Carriage bolt
2	3/8" Locking Hex Nuts
2	3/8"x 1" Carriage bolt
2	3/8" Locking Hex Nuts
2	1/4"-20 x 1.50 Threading Bolts



Winch Installation Instructions:

1. Assemble the Hawse or Roller Fairlead (not included) to the mount as shown using the supplied 3/8" x 3/4" carriage bolts and nuts (see Figure 1).

Note: If you are mounting a Warn RT/XT Series winch it is a good idea to assemble the power wires to the winch before the next step. Make sure you determine if you have a Front mounted battery or Rear so that you know whether to run the shorter or longer wires to the winch.

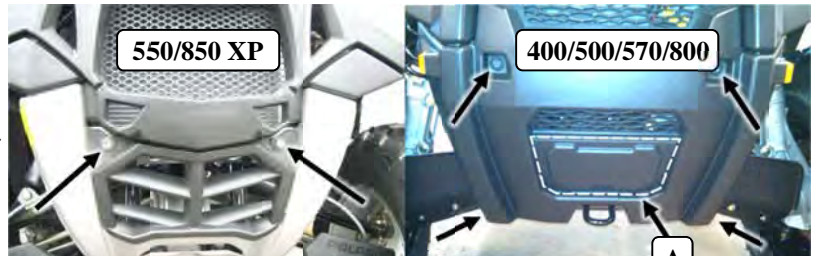
2. If you are planning on installing a Polaris Glacier Plow please install the included 3/8" x 1" carriage bolts and nuts at this time to the lower square holes.
3. Assemble your winch to the mount using the hardware that was supplied with your winch. Don't forget to route your winch cable through your fairlead and attach your hook. If your winch leads come close to hitting something, a lot of winches can also have the leads rotated if needed (check with your winch provider).
4. Remove any accessory front brush guards if equipped.
5. Remove the front plastic.

550/850 XP: Remove the bolts shown in Figure 2 and remove the plastic. Loosen the 2 bolts as shown in Figure 3 and rotate the metal cover downwards to allow for room to install the winch assembly. If preferred, you can remove the metal/plastic cover in Figure 3 by removing the upper hardware.

400/500/570/800: Remove the bolts shown in Figure 2 and remove the front plastic. Cut out section (A) shown in Figure 2.

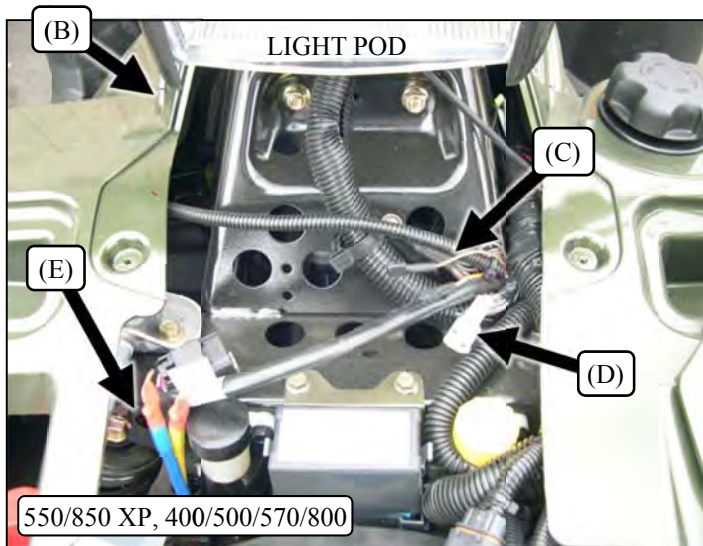
6. Mount the entire winch assembly (winch, mount, and fairlead) into location as shown in Figure 4 and assemble using the included 5/16" hardware.

(NOTE: Figure 4 is not showing the mount bracket for clarification.)

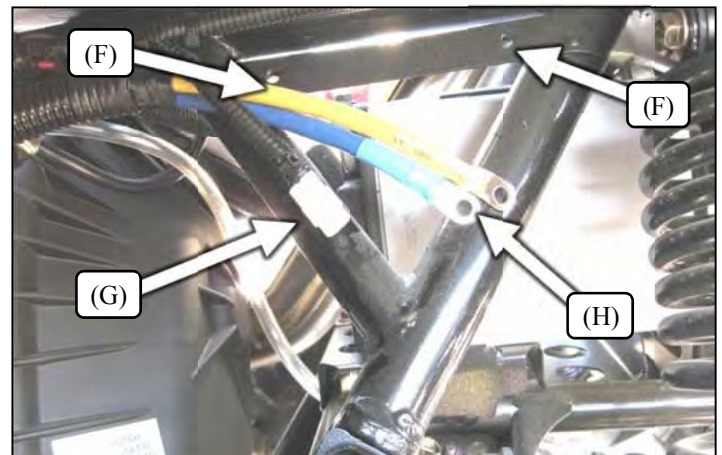


Wiring Instructions:

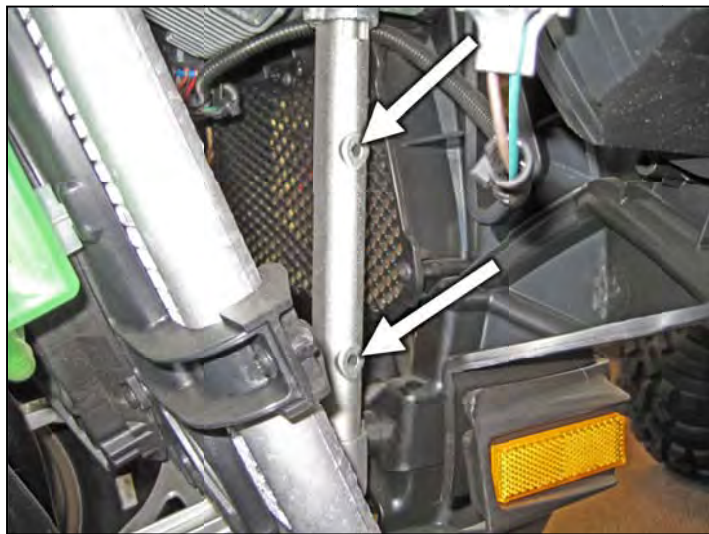
1. Remove the seat, disconnect battery, and remove the front rack.
2. Disassemble the light pod by removing the (5) torx screws holding the two halves together.
3. Remove access panel (A) under light pod by removing two (2) torx screws. See Figure 5.
4. Install your Rocker Switch to the handle bar as described in your winch manual. Route the wires through the pod to the area behind the access panel removed in step 3 shown in Figure 5. Secure the wire to the handlebars using zip ties and re-assemble light pod. Install the included male spade to the RED switch wire and connect to one of the ORANGE/WHITE (C) wires as shown in Figure 5.
5. Mount your Contactor to proper location.
 - **550/850 XP**
 - For REAR battery ATV's locate the two (2) holes (F) shown in Figure 6 on the rear driver's side A-arm. Mount your winch contactor to this location, using the two (2) 1/4" x 1" bolts, two washers, and two 1/4"-20 nuts included or using the two (2) 1/4" x 1.5" self-tapping bolts included. (NOTE: it is recommended to mount the contactor so that the switch wires are towards the middle of the ATV)
 - For FRONT battery ATV's locate the two (2) holes shown in Figure 7 by your radiator on the passenger side. Mount your winch contactor to this location, using the two (2) 1/4" x 1.5" self-tapping bolts included.
 - **400/500/570/800** see location just above winch mount location as shown in Figure 8 using the two (2) 1/4" x 1.5" self-tapping bolts included or hardware included with your winch.
6. Connect Switch wires to the contactor.
 - For REAR battery ATV's you have two options:
 - Route the BLACK and GREEN wires all the way back to the rear mounted contactor and connect the wires.
 - Locate the BLACK and GREEN wire ends with a white plastic connector (D) shown in Figure 5 and (G) located back by the contactor shown in Figure 6. Cut these connectors off and wire in using correct electrical connections.
 - For FRONT battery ATV's Route BLACK and GREEN wires to contactor and connect.
7. Wire Winch and Contactor
 - For REAR battery ATV's, under the seat, locate the BLUE and YELLOW wires (K) in or near the battery Compartment as shown in Figure 6. Route the Blue and Yellow wires to the contactor and connect them to the correct terminals. (please refer to your winch's wiring diagram) Next locate the YELLOW and BLUE wires (D) in the front of the ATV (see Figure 5). Cut the zip ties that hold the wires in place, route the wires to the location of the winch leads. Remove the Red protective coverings from the wire ends and connect the cable to the appropriate lead on the winch (please refer to your winch's wiring diagram). Finally use the shorter wires (usually Red and Black) from your winch package and connect the contactor to your battery. (please refer to your winch's wiring diagram)
 - For FRONT battery ATV's, use the wires provided with your winch and wire according to your winch installation instructions
 - For 400/500/570/800 locate battery wires above winch mount and connect to contactor. Wire your contactor to your winch using the shortest wires included with your winch.
8. Do not forget to connect pre-ran battery wire to the battery if equipped.
9. Re-install everything removed except the plastic bezel removed in step 4.



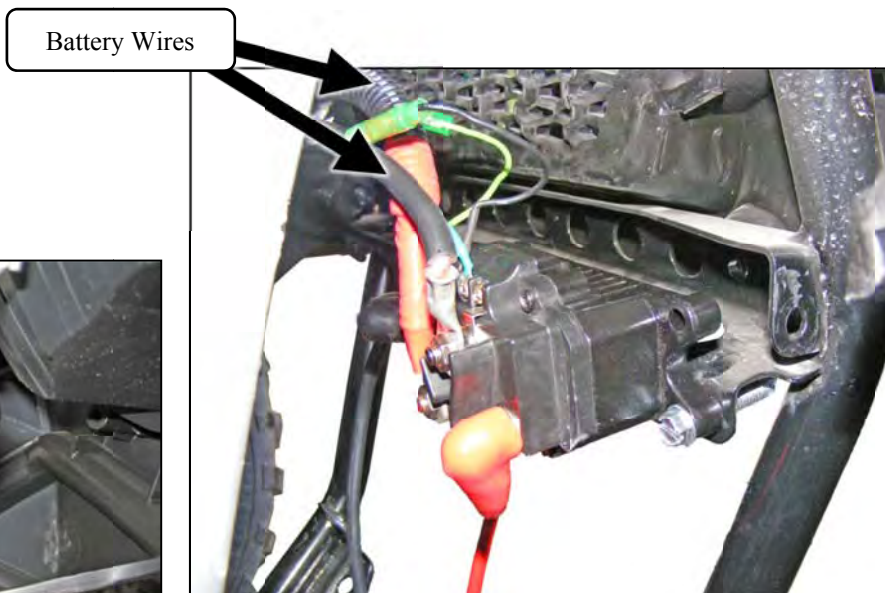
"Figure 5" Front Wiring



"Figure 6" Rear Contactor Location and Wiring



"Figure 7" 550/850 XP Front Contactor Location



"Figure 8" 400/500/570/800 Contactor Location

