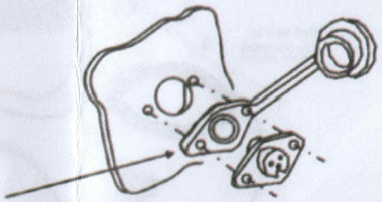
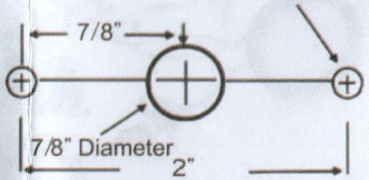
FIGURE 3(a).



Rubber piece can be used as a template

1/8"Diameter, 2 holes

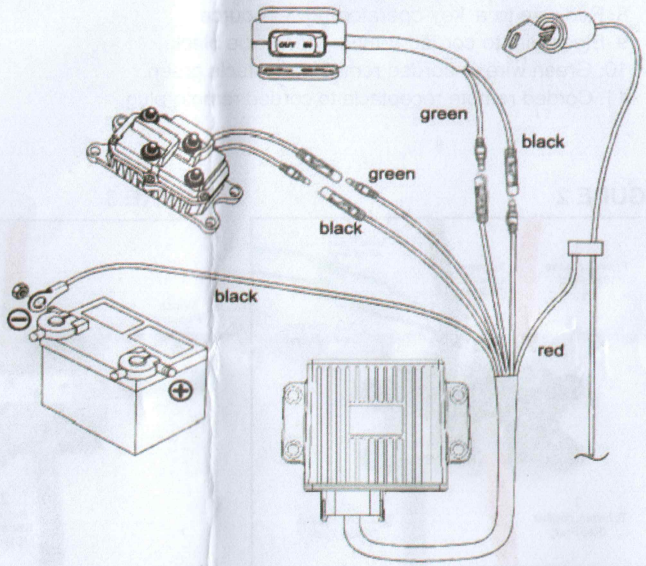


Not to Scale. Do not use it as a template.

FIGURE 4

Contactor Wiring for Wireless Control

Use a test light to locate a switched accessory wire.



Installation and Operations Manual

Electrical Information

Please note your winch model diagram/picture in the following section for further instruction. Also, please disconnect vehicle ground and positive leads from the battery before you begin.

DO NOT ATTEMPT TO INSTALL WIRING WHEN THE BATTERY IS CONNECTED!

Severe injury from hazardous and flammable materials may be released or ignited. Wear eye protection and remove all metal jewelry. Do not lean over the battery when making connections.

1. When attaching wires to the motor or contactor terminals hold the inner nut with a wrench while tightening the outer nut with a second wrench. Do not allow the terminals to rotate in their housings. Rotation may cause internal wire damage or part misalignment.

2. **CONTACTOR LOCATION:** The contactor is mainly a safety component for your winch system. It separates your winch from its power source when not in use. It is recommended that the contactor be mounted close to the battery in a clean, dry location. Typical locations are in or near the storage box and on some models, under the seat. Make sure the location you choose allows sufficient clearance from all metal components such as frame tubes. Drill mounting holes once location is found but do not install as it is easier to wire the contactor prior to mounting.

3. **SWITCH MOUNTING:** The switch is typically mounted on the left handlebar. Use a piece of black electrical tape to prevent rotation on the bar. Do not install over any wires or hoses. Once mounted, route the wiring harness back to where the contactor will be mounted, attaching the harness to hard points on the vehicle

with cable ties. Splice the end of the red wire in **Figure** 1 to a key-controlled electrical wire on your ATV. A test light can be used to locate an appropriate wire. The wire should only have power when the key is on.

Attach the two bullet point wires to their corresponding wires on the contactor as shown in **Figures 2,3, or 4** depending upon your winch model.

Mount a corded remote if you have a corded remote according to the diagram in **Figure 3a**. Attach the two bullet point wires as shown in **Figure 1**. The receptacle location is at the user's discretion dependent on the application. Some riders create a velcro attachment to the side of their vehicle, while others keep them in a glove box or storage box and plug in as needed.

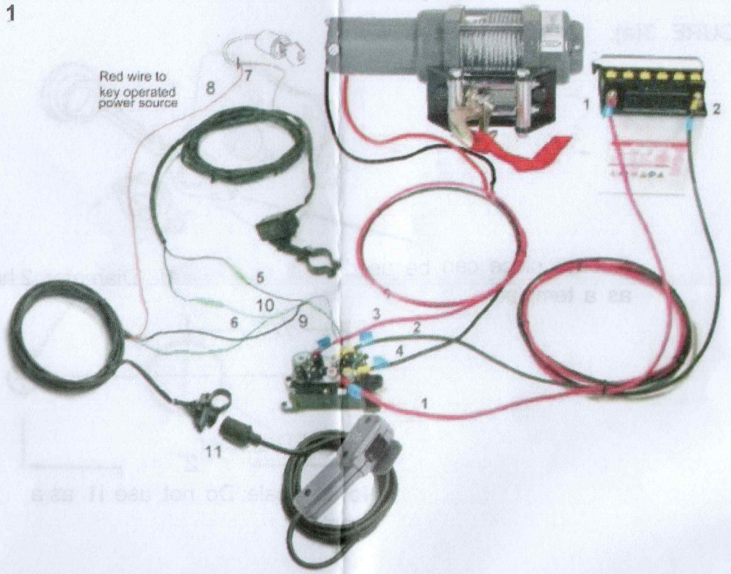
4. **BATTERY CONNECTION:** When routing the wires, the appropriate terminals should be located near the batter, switch, mounting point, and winch. Your installation requirements will vary depending on your vehicle and winch. Note that if the wires are not long enough to reach the battery, switch mounting point, and winch, you can switch the wires or you may need to increase the length of the wiring harness.

   Ensure that the wiring harness does not interfere with or come in contact with any hot or moving engines, suspension, steering, and braking or exhaust parts.

   Attach battery wires to contactor locations as shown in **Figures 2,3, or 4.** Do not connect the battery at this time. Attach winch wires to contactor as shown in **Figures 2, 3, or 4.** The opposite end should be routed to the winch and can be connected at this time red-to-positive(red nut)and black-to-negative (silver nut.)

   Your contactor can now be secured to your chosen mounting location. When all wires have been properly routed and secured with cable ties and electrical tape, take a moment to ensure that your system is properly installed and free from restrictions. You may now attach wires 1 and 2 to the battery positive and negative.

FIGURE 1



1. Red wire to battery Positive.
2. Black wire to battery negative.
3. Red Wire to Winch positive.
4. Black wire to Winch negative.
5. Black wire to switch black.
6. Green wire to switch green.
7. Red wire to a key-operated power source.
8. Red wire to a key-operated power source.
9. Black wire to corded remote receptacle black.
10. Green wire to corded remote receptacle green.
11. Corded remote receptacle to corded remote plug.

FIGURE 2

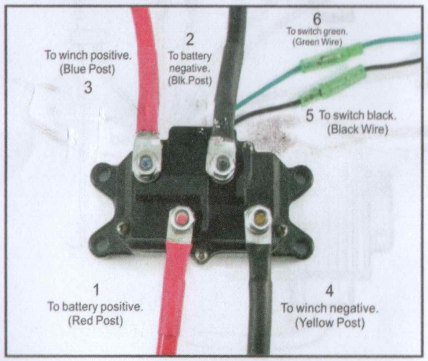


FIGURE 3

