

Mounting the Solenoid Assembly:

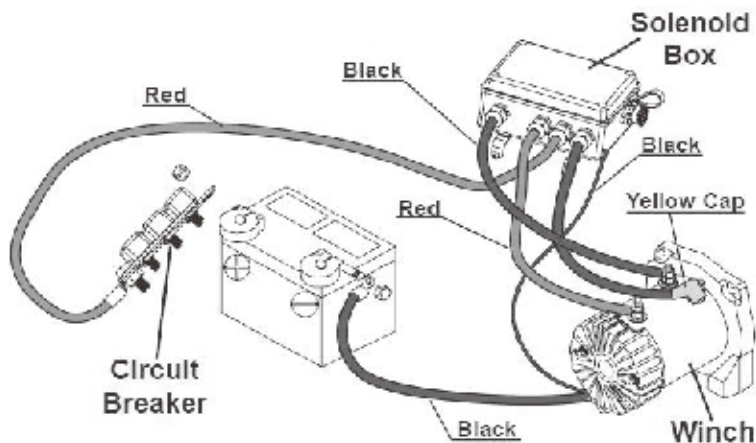
1. Place the solenoid box in a suitable place close enough to the winch to allow the cable to be routed properly.
2. Mark the desired location of the screw holes.
3. Verify that the installation surface has no hidden components or structural pieces that will be damaged before drilling.
4. Drill pilot holes for the mounting screws.
5. Secure in place with mounting screws.

Wiring:

To prevent serious injury from explosion, due to sparking at the battery connection, disconnect the Battery Cables before making other wiring connections.

To prevent serious injury from leaking battery acid, do not use a dirty, corroded, or leaking battery. Only use a 12V automotive (or equivalent) battery, in good condition.

1. Plan a route for the wiring from the point of the vehicle where the winch will be mounted, or used, to the battery. This route must be secured and out of the way of moving parts, road debris, or any possibility of being damaged by operation or maintenance of the vehicle. For example, you may wish to route the wires under the vehicle, attaching it to the frame using suitable fasteners. Do not attach the wires to the exhaust system, drive shaft, emergency brake cable, fuel line, or any other components which may create damage to the wiring through heat or motion, or create a fire hazard.
2. If you drill through the bumper or any part of the body to route the wires, be sure to install a rubber grommet in the hole to prevent fraying of the wires at that point.
3. Route the Cables from the Solenoid to the battery and from the Solenoid to the winch, following the precautions discussed. See the following picture.



4. Attach the red, black and yellow cables to the terminals on the winch. The winch terminals are color coded.
5. Attach the circuit breaker to the positive terminal on the battery.
6. Attach the red battery cable to the circuit breaker.
7. Attach the black battery cable directly to the negative terminal of the battery.
8. Lift the socket cover exposing the electrical switch connector. Insert the pendant connector into the socket.

NOTE: The attachment of the Motor Cables determines the operation of the Remote's button. After the unit is mounted and powered, check the direction of the Power In and Power Out on the Remote button. If you wish to change the direction on the Remote, disconnect the Battery Cables from the battery, switch the Motor Cable connections on the Motor Assembly, then reconnect the Battery Cables.

9. Disconnect the pendant controller when not in use.

Preparing the Wire Rope:

1. The wire rope must be properly coiled under tension to be able to support a load without damage.
2. Uncoil the wire rope, expect for 5 full wraps.
3. Recoil the rope back into the winch under at least 500 lb. of tension.