



97281/972810
SOLENOID MOUNTING
SUPPLEMENT

Tie-Rod (over cable) Mounting Instructions

STEP 1: Insert the small metal brackets on the bottom of the solenoid bracket. (Fig A)

STEP 2: Place long mounting brackets on top (hook facing forward) and secure with included bolts. (Fig B, C)

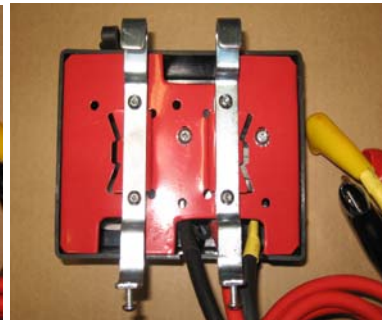
STEP 3: Place solenoid on top of tie-rods with hooks facing forward in desired location. Secure by tightening the screws in the rear. (Fig D,E) Installation is now complete. Use the wiring diagram in instruction manual for further assembly.



(Fig A)



(Fig B)



(Fig C)



(Fig D)



(Fig E)

Over Motor Mounting Instructions

STEP 1: Locate and identify the location for the mounting bracket. (Fig A)

STEP 2: Attach the rear part of the bracket to the winch by removing the rear tie rod bolt. Place the bracket over the hole and re-install tie rod bolt. Do not tighten completely. (Fig B)

STEP 3: Loosen (Back-Out) the two screws on the side of the solenoid box and place bracket over the two bolts and slide the solenoid box back and tighten the bolts securely. (Fig C, D)



(Fig A)



(Fig B)



(Fig C)



(Fig D)

STEP 4: Lower down the solenoid box and attach the front of the bracket securely to the mounting location on the front of the winch with the included bolt. (Fig E)

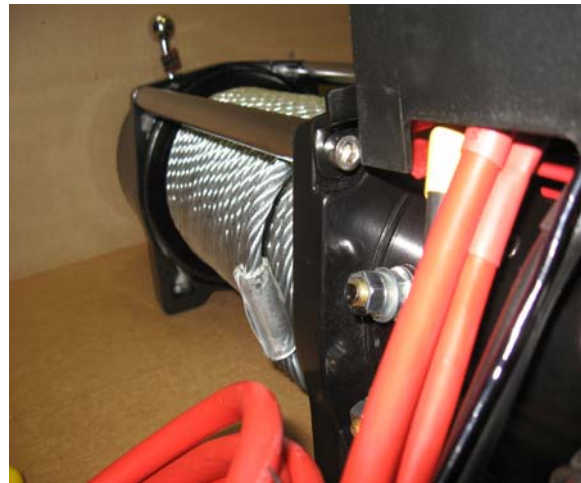
STEP 5: Tighten the rear tie rod bolt completely now. (Fig F, G)

Installation is now complete.

Use the wiring diagram in instruction manual for further assembly.



(Fig E)



(Fig F)

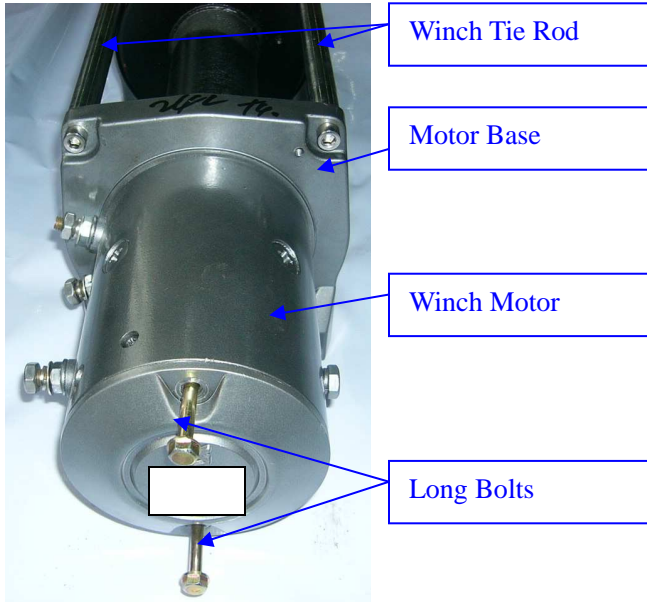


(Fig G)

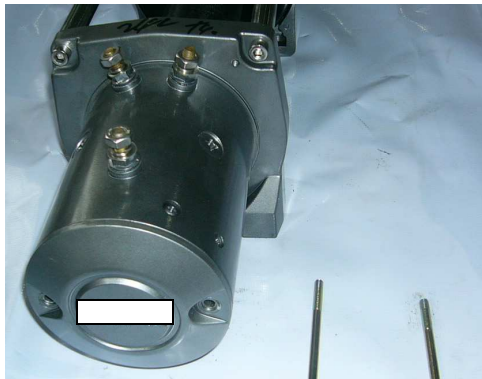


Winch Motor Clocking (97281 / 97210)

1. To clock the winch motor, which can be achieved without taking the motor apart from the tie rod.

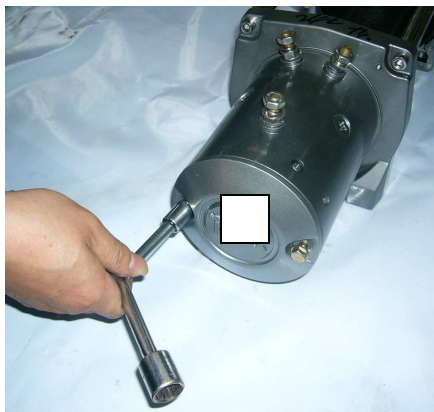


Step 1: Loosen the Long Bolts and pull them out from the winch motor.



Step 2: Rotate the motor to required position.

Note: The rotation of winch motor must be 90 degree, 180 degree, and or 270 degrees clockwise or anti-clockwise, only because of the fixed holes on motor base.



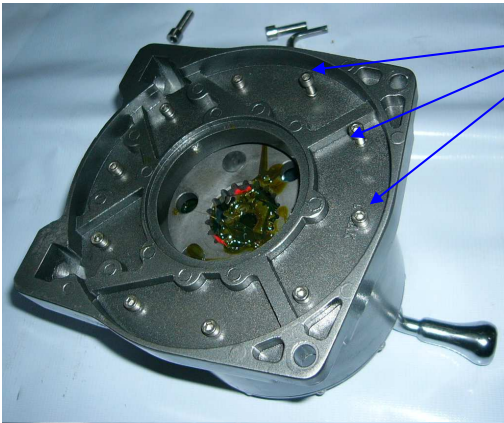
Step 3: Reinstall Long Bolts to complete.



Winch Motor Clocking (97281 / 97210)



Step 1: Loose the tie rods to take the gear box apart from them.



Retaining Bolt

Step 2: take off the retaining bolts (totally 10pcs)

Step 3: get the gear box rotated; then connect the gear box with the gear box base again. After that, connect the gear box base with the tie rod.



Note pls: the rotation of gear box must be 36 degree, or a degree which is the multiple of 36 degree clock-wisely or anti-clock-wisely due to the fixed holes to receive the connection with the Retaining Bolts.