

Introduction

► Feature

Line pull:	1,361 kg / 3,000 lb synthetic rope first layer
Synthetic rope:	4.8 mm x 15.2 m (3/16" x 50') synthetic rope SK-75
Brake:	Mechanical and dynamic brake for 100% braking
Clutch:	Rotate the end cap to engage/disengage
Control:	Handlebar rocker switch

► Unpacking

- Winch assembly..... 1 pc
- Handlebar rocker switch kit 1 pc
- Hawse fairlead..... 1 pc
- Synthetic rope w/hook..... 1 pc
- Contactor pack 1 pc

► Read this manual carefully

You should carefully read and understand this manual before operating the winch. Careless winch operation may result in personal injury, danger to others and damage to property.

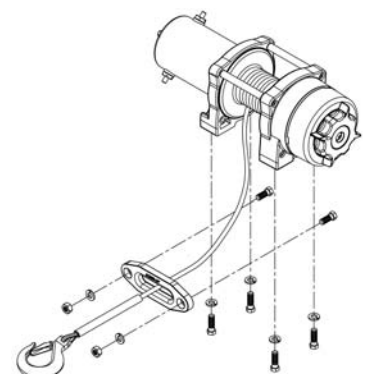
► Information required for parts ordering

Please specify the following information:

- Winch PN
- Serial number
- Part description
- Replacement part number
- Quantity for each part

► Installation

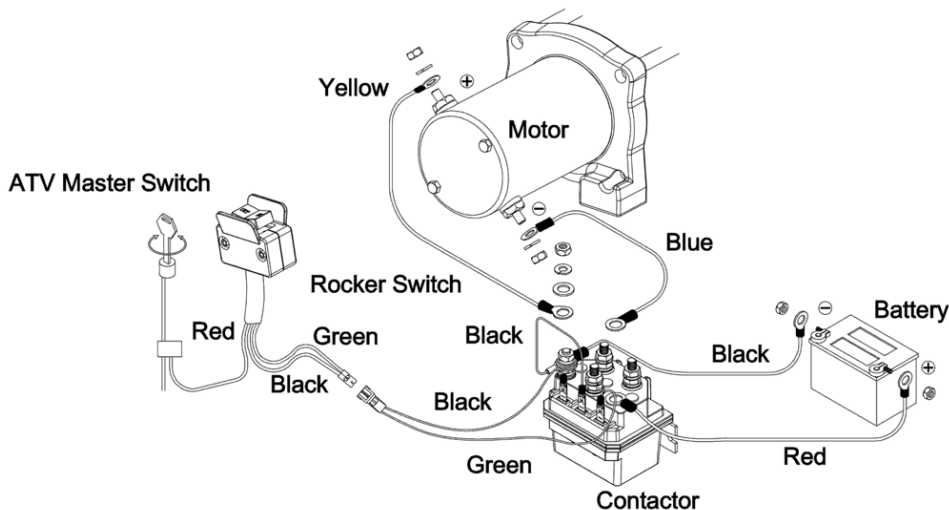
Before using the winch, make sure all electrical components are in good order and the connection are sound.



- It is very important that the winch is mounted on a flat and hard surface
- Ensure the motor, drum and gearbox housing are aligned correctly.
- Hawse fairlead does not mount to winch directly.
- The synthetic rope shall be wound in an under-wound orientation only.
- Four (4) M8 x 20L 8.8 grade high tensile steel bolts must be used in order to sustain the loads imposed on the winch mounting.

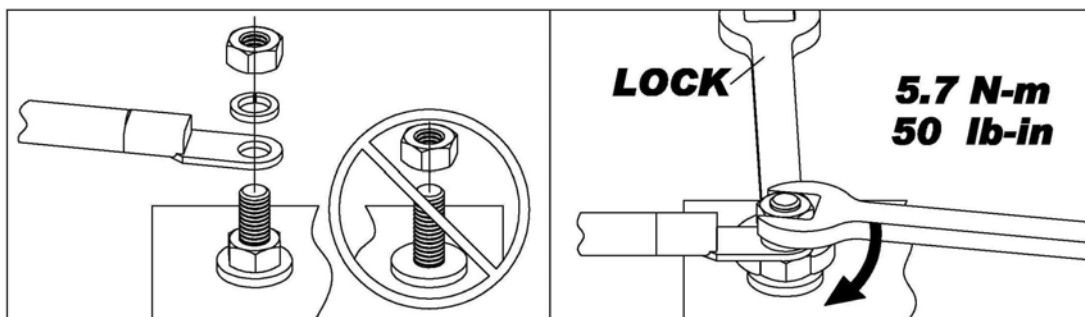
► Wiring Diagram

Attach the black lead firmly to the negative (–) battery terminal and red lead to the positive (+) battery terminal. The voltage drop for the winch motor must not exceed 10% of the nominal voltage of 12V DC.



► Nut fastening for motor & contactor

1. Hold the lower nut on the stud and tighten the upper nut clockwise.
2. The torque setting for nut is 5.7 N-m / 50 lb-in.

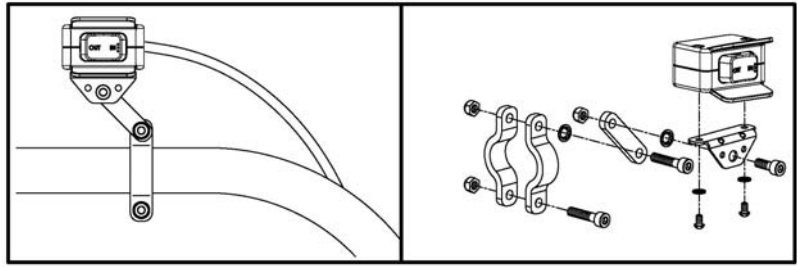


Warning

- The winch is not to be used to lift or otherwise transport personnel.
- The capacity shown is based on the first layer of rope on the drum.
- The rope shall remain with at least 5 wraps on the drum.

Handlebar Rocker Switch Mounting

Handlebar mounted rocker switch can be operated without removing your hand from the grip.



Parts List

Item No.	Description	Part No.	Qty
1	Motor w/housing	881331	1
2	Motor couple kit	880988	1
3	Drum bushing	880990	2
4	Drum kit	880991	1
5	Tie bar kit	880992	1
6	Tie bar kit	880993	2
7	Gearbox support rack	880994	1
8	3 rd stage carrier	880995	1
9	2 nd stage carrier	880996	1
10	1 st stage carrier	880997	1
11	2 nd ring gear kit	880998	1
12	1 st shaft kit	880999	1
13	Gear box kit	881000	1
14	Clutch base	881011	1
15	Friction block	881012	1
16	Clutch lever kit	881013	1
17	Shifter kit	881001	1
18	Synthetic rope w/hook	881952	1
19	Hawse fairlead	881071	1
20	Contactor pack	881037	1
20-1	Contactor w/leads	881385	1
20-2	Battery lead (+)	880234	1
20-3	Battery lead (-)	880235	1
20-4	Motor lead (yellow)	880236	1
20-5	Motor lead (blue)	880237	1
21	Handlebar rocker switch kit	881003	1
22	Mounting hardware	881005	1
23	Handlebar hardware	880242	1
24	Handsaver strap	880026	1
25	Cable tie	880243	1

Winch Assembly

