

# COMEUP WINCH

## Self-Recovery Winch Model: *Walrus 18.0*

PN: 281800 12V 281810 24V  
281820 12V 281808 24V



### Introduction

#### ► Feature

- Line pull: 8,165 kg / 18,800 lb wire rope first layer
- Wire rope: 11.1 mm × 27 m (7/16"×89') 6 × 29 - IWRC
- Brake: Patented cone brake holds full load
- Clutch: Turn the T-handle for rapid wire rope payout
- Control: Handheld pendant switch powers the winch

#### ► Unpacking

- Winch assembly..... 1 pc
- Potted control box..... 1 pc
- Remote control..... 1 pc
- Wire rope with hook..... 1 pc
- Roller fairlead..... 1 pc
- Cable Tensioner..... 1 pc
- 1.8 m (6') 2 gauge battery lead..... 1 pc

#### ► Read this manual carefully

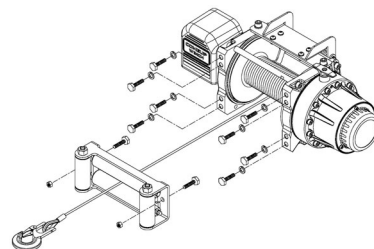
You should carefully read and understand this manual before operating it. Careless winch operation may result in personal injury hazards or property damage.

### Installation

Before using the winch, make sure all electrical components have no corrosion or damaged; the environment should be clear and dry.

#### ► Winch and roller fairlead mountings

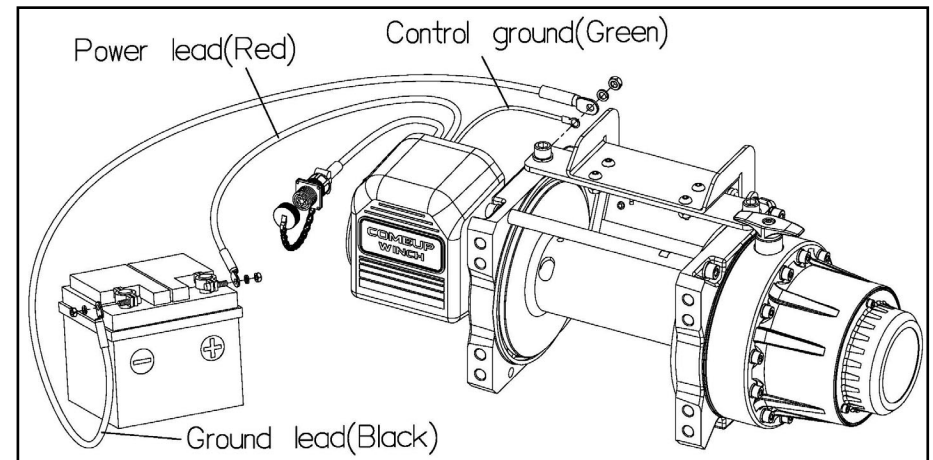
- It is very important that the winch will be mounted on a flat and hard surface of mounting channel in order to make sure the motor, drum and gearbox housing are aligned correctly.



- Roller fairlead does not mount to the winch directly.
- The wire rope shall be wound in an under-wound orientation only.
- Eight (8) M12 x 1.75 pitch SUS high tensile steel bolts must be used in order to sustain the loads imposed on the winch mounting.
- Two (2) M12 x 1.75 pitch SUS high tensile steel bolts must be used for fastening the roller fairlead into the mounting channel.

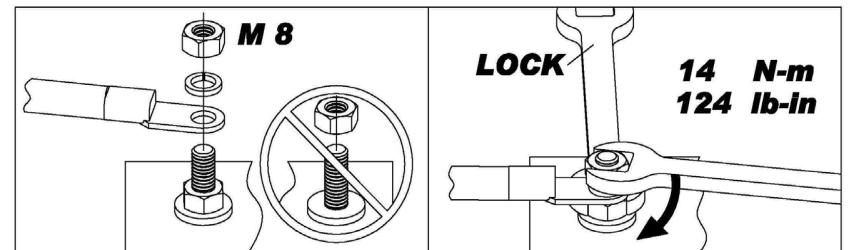
#### ► Wiring Diagram

- Connect thermal sensor harness plug, control ground to the motor.
- Attach the ground lead firmly to the negative (-) battery terminal and power lead to the positive (+) battery terminal. The voltage drop for the winch motor must not exceed 10% of the nominal voltage of 12/24V DC.



#### ► Nut fastening for motor & contactor

1. Holding the lower nut on the stub and fastening the upper nut clockwise.
2. The torque setting for nut is 14 N-m/124 lb-in.



## Warning

- The winch is not intended to be used in any manner for the movement or lifting of personnel.
- The rated line pull shown is based on the first layer of rope on the drum.
- The rope winding on the drum shall remain 5 wraps from the drum.

## Parts List

Item No.	Description	Part No.	Qty
1	Waterproof motor w/control box 12V	883072	1
	Waterproof motor w/control box 24V	883073	1
2	Tie bar kit	883000	3
3	Motor coupling	882201	1
4	Drum bushing	880048	1
5	Drum kit	883077	1
6	Drum bushing	882204	1
7	Gearbox support rack	883080	1
8	Grounding lead	880009	1
9	Wire rope	883081	1
10	Clevis hook	883009	1
11	1 <sup>st</sup> shaft	882206	1
12	3 <sup>rd</sup> ring gear kit	882208	1
13	3 <sup>rd</sup> stage carrier	882209	1
14	2 <sup>nd</sup> stage carrier	882211	1
15	1 <sup>st</sup> stage carrier	882212	1
16	1 <sup>st</sup> pinion	882213	1
17	Clutch kit	883125	1
18	Gear box kit	883086	1
19	Cone brake disc kit	882216	1
20	Brake clutch base	882217	1
21	Brake cover kit	883087	1
22	Roller fairlead	882990	1
23	Cable tensioner	883090	1
24	Mounting hardware	883092	1
25	Remote control	881671	1
26	Handsaver strap	880026	1

## Winch Assembly

