

Introduction

► **Feature**

Line pull:	2,722 kg / 6,000 lb first layer
Wire rope:	7.1 mm x 24.4 m galvanized aircraft A7 x 19
Brake:	Full Load Holding Proprietary Cone Brake
Clutch:	Lift and turn T Bar to activate free spool
Control:	Handheld pendant switch

► **Unpacking**

• Winch assembly.....	1 pc
• Control box	1 pc
• Remote control.....	1 pc
• Wire rope with hook.....	1 pc
• Roller fairlead.....	1 pc
• 1.8 m (6') 6 gauge battery leads.....	1 pc

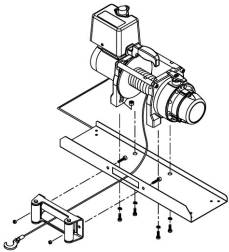
► **Read this manual carefully**

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

Installation

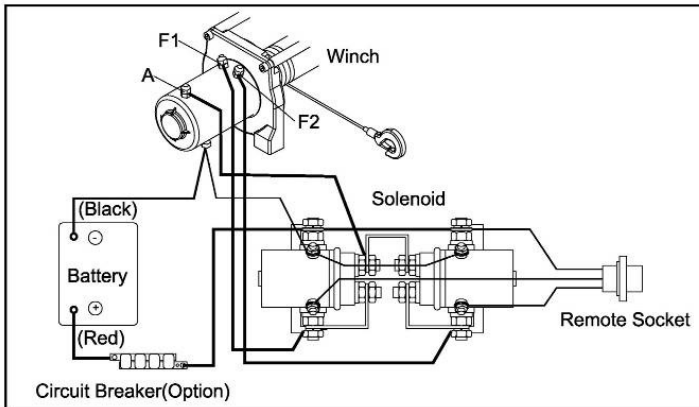
► **Winch and roller fairlead mounting**

- It is important that the winch is mounted on a flat and ha surface or mounting channel to ensure the motor, drum and gearbox housing align correctly.
- Roller fairlead does not mount to winch directly.
- The wire rope shall be wound in an under-wound orientation only.
- Four (4) M10 x 1.50 pitch 10.9 grade high tensile steel bolts must be used in order to sustain the loads imposed on the winch mounting.



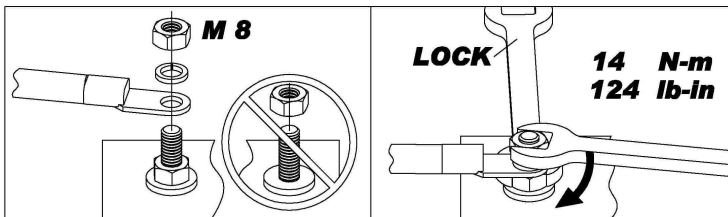
► Wiring Diagram

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 12/24vdc



► Correct method to tighten the motor & contactor nuts

1. Hold the lower nut on the stud and tighten the upper nut clockwise.
2. The torque setting for the nut is 124 lb-in.



Warning

- The winch is not to be used for transporting or lifting of personnel.
- The rated line pull shown is based on the first layer of rope on the drum.
- The rope shall remain with at least 5 wraps on the drum at all times
- The manufacturer is not responsible for damage to the wire rope

Parts List

Item	No.	Description	Part No.	Qty
1		Motor 12V	881505	1
		Motor 24V	881506	
2		Tie bar kit	880076	2
3		Motor support rack	880077	1
4		Motor coupling	880078	1
5		Drum bushing	880006	1
6		Drum kit	880080	1
7		Drum bushing B	880081	1
8		Gearbox support rack	880082	1
9		Wire rope w/hook	880083	1
10		1 st shaft	880084	1
11		Grounding lead	880085	1
12		3 rd ring gear kit	880086	1
13		2 nd stage carrier	880087	1
14		1 st stage carrier	880088	1
15		Retaining ring	880089	1
16		1 st & 2 nd ring gear	880090	1
17		1 st pinion kit	880091	1
18		Clutch kit	880092	1
19		Gear box kit	880093	1
20		Cone brake disc kit	880094	1
21		Brake clutch base	881099	1
22		Brake cover kit	880095	1
23		Roller fairlead WA-0508	880096	1
24		Mounting hardware	880097	1
25		Remote control WA-0310	880025	1
26		Handsaver strap	880026	1
27		Control box 12V	880098	1
		Control box 24V	880099	
27-1		Remote socket kit	881289	1
27-2		Control pack 12V	881446	1
		Control pack 24V	881447	
28		Handle kit	880103	1

Winch Assembly

