

COMEUP WINCH

Model: **GTD-1200**

PN: 751220 12V
751265 24V

Introduction

► Feature

Line lifting:	544 kg / 1,200 lb wire rope first layer
Recommended Wire rope:	4.8 mm × 18.3 m (3/16" × 60') galvanized aircraft A7 × 19
Brake:	Both Mechanical cone brake and permanent motor dynamic brakes
Control:	Handheld pendant switch powers the hoist

► Unpacking

- Hoist assembly..... 1 pc

► Read this manual carefully

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

► Information requesting or parts ordering

Please specify the following information:

- | | |
|--------------------------|---------------------------|
| • Hoist PN | • Part description |
| • Serial number | • Replacement part number |
| • Quantity for each part | |

Installation

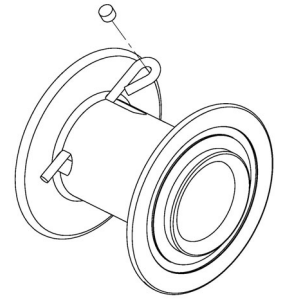
Before using the hoist, make sure all electrical components have no corrosion or damaged; the environment should be clear and dry.

► Hoist mounting

- Four (4) M10 x 30L 8.8 grade with 44 N-m torque settings (maximum) high tensile steel bolts must be used in order to sustain the loads imposed on the winch mounting.

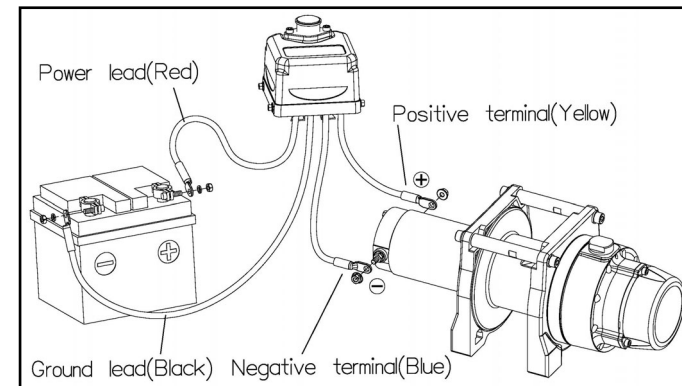
► Recommended Wire Rope Replacement

- Feed the end of the wire rope into anchor hole in the drum and make a self-circle on the anchor pocket. Insert a wedge in the self-circle and tighten the rope for securing purpose.
- Make sure the first layer of wire rope is tight and maintain a freeboard at least 1.5 x rope diameter.
- Wire rope shall be wound in an under-wound orientation only.
- To compensate for uneven spooling and the decrease in line pull capacity as the drum fills up, use as short a wire rope as practical.



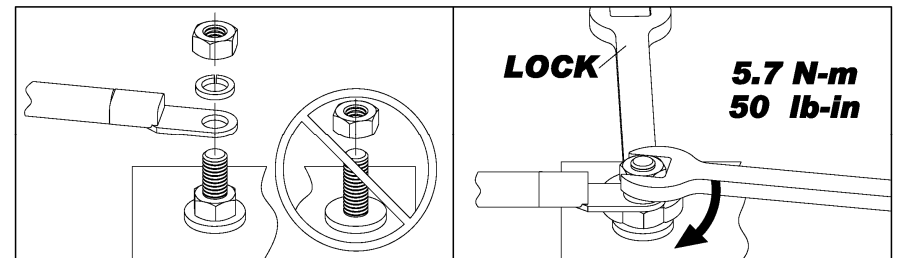
► Recommended Wiring Diagram

- Connect positive/negative terminal cables to the winch 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

- Holding the lower nut on the stub and fastening the upper nut clockwise.
- The torque setting for nut is 5.7N-m / 50 lb-in.



Warning

- The operator shall always work in compliance with the operating instructions.
- Overload shall be forbidden and overload protection shall be required.
- Ban on transporting persons and excessive inching shall be avoided.
- Don't try to move obstructed loads and side-pull of load is not allowed
- The rope winding on the drum shall remain 5 wraps from the drum.

Performance Data

Lifting Load	Line Speed				Amp. Draw	Percentage Duty Cycle
	mpm		fpm			
kg / lb	12V	24V	12V	24V	12V / 24V	min / 10 min
No load	7.4	5.9	24.3	19.4	30 / 15	2.5
136 / 300	6.9	5.7	22.6	18.7	55 / 19	2.3
272 / 600	6.4	5.5	21.0	18.0	75 / 25	2.0
408 / 900	5.9	5.2	19.4	17.1	95 / 36	1.8
544 / 1,200	5.5	5.0	18.0	16.4	130 / 50	1.5

Parts List

Item No.	Description	Part No.	Qty
1	Motor 12V	884313	1
	Motor 24V	884314	
2	Tie bar kit	881427	2
4	Motor coupling	880078	1
5	Drum bushing A	880006	1
6	Drum kit	882312	1
7	Drum bushing B	880081	1
8	Gearbox support rack	882419	1
9	1 st shaft	881221	1
10	3 rd ring gear kit	882420	1
11	2 nd stage carrier	880087	1
12	1 st stage carrier	880088	1
13	Retaining ring	880089	1
14	1 st & 2 nd ring gear	880090	1
15	1 st pinion kit	880091	1
16	Tap screw	881423	1
17	Gear box kit	882421	1
18	Cone brake disc	883321	1
19	Brake clutch base	883322	1
20	Brake cover kit	882422	1

Hoist Assembly

