COMEUP

Compact Winch
Model: *CWL-80*

PN: 375000 230V
375003 240V
374860 110V

Introduction

▶ Feature

Lifting capacity:	80 kg wire rope top layer
Lifting height:	23 m
Lifting speed:	16 – 25 m/min
Motor output:	0.3kw x 6A at 100-120V; 0.3kw x 3A at 220-240V
Brake:	Dynamic and mechanical brakes hold full load
Control:	Pendant switch powers the winch

▶ Unpacking

- Winch assembly 1pc
- Wire rope 4 mm x 24 m with weight hook CHW-0031 1pc
- Pendant switch PB-317A w/cord 1.25mm^2 x 6C x 3m 1pc
- Power lead 1.5 mm^2 x 3C x 3 m and plug 1pc

▶ 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.

▶ Information requesting or parts ordering

Please specify the followings information:

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

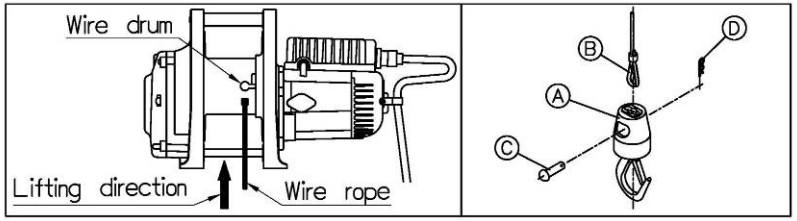
Installation

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

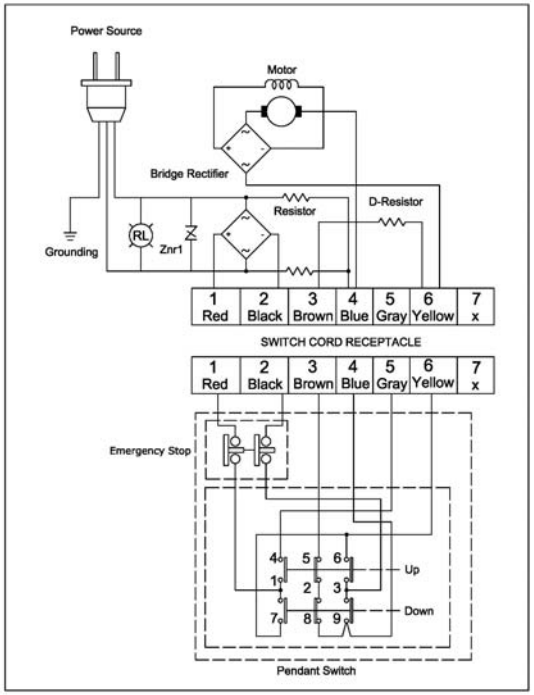
▶ Wire rope replacement

- Insert the wire rope into the hole of drum and fix it with a P. T. screw, then press the "UP" button of switch for rotate the drum in the lifting direction.
- Wind the wire rope accurately around the drum, and a irregular winding will cause the load to be swing, thus damaging the wire and reducing the life of winch.
- When replacing, according to the following procedures.

*Pull out a R-dowel "D" from the round head pin "C".
*Pull out a round head pin "C" from hook body "A".
*Put a wire rope "B" into the hole of hook body "A", and insert a round head pin "C" through wire rope and fixture hole of hook body "A".
*Insert a R-dower "D" into the hole of round head pin "C".



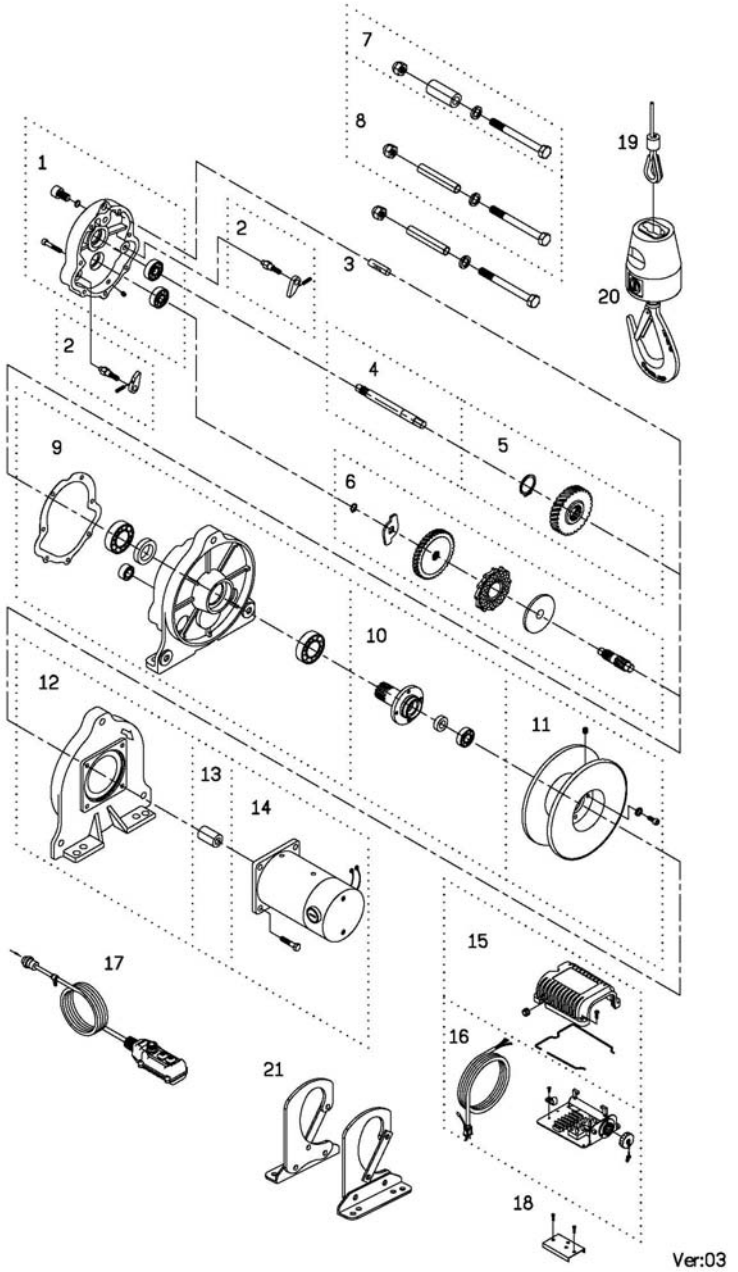
▶ Wiring Diagram



Warning

- The winch is not intended to be used in any manner for the movement or lifting of personnel.
- The lifting capacity shown is based on the top 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	Gearbox rear cover kit	880520	1
2	Ratchet stopper kit	880547	2
3	Balance indicator	880522	1
4	1st shaft kit	880523	1
5	2nd gear kit	880524	1
6	Brake kit	881496	1
7	Tie bar kit	880527	1
8	Tie bar kit A	880528	2
9	Gearbox support rack kit	880531	1
10	Output shaft kit	880532	1
11	Drum kit	880533	1
12	Motor support rack kit	880534	1
13	Motor coupling	881495	1
14	Motor kit 100-120 V	880540	1
	Motor kit 220-240 V	880541	
15	Terminal upper cover	880535	1
16	Control panel w/ 3-round pins lead, 100-120V	880573	1
	Control panel w/ 3-round pins lead, 220-240V	880574	
17	Remote control , PB-317A	881603	1
18	Lower plate	880536	1
19	Wire rope	880449	1
20	Weight hook	880384	1
21	P type hanger kit	881574	1

Winch Assembly