

# COMEUP WINCH

Getting you through since 1975



## SOLO      SERIES

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## INSTRUCTION GUIDE



To prevent any serious injury, do not install or operate this winch before reading this manual. Keep this manual with the winch at all times. Winch operators must read and understand contents fully. Know the specific function of your winch.

### 1. On/Off Switch :

Your SOLO winch has an on/off switch; it is to power on the display screen, and to activate or deactivate the wireless remote control of the winch.

The on/off switch could also cut out the battery draw of wireless remote control module when the engine is not running.

### 2. Vehicle Battery Voltage Reading :

The display screen of SOLO winch is with battery indicator to show the status of battery voltage reading. Once the battery is lower than 8V, the warning alarm will start beeping, and thermal icon will blink.



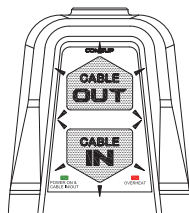
### 3. Over-heat Protection :

There are three kinds of over-heat protection warnings to protect the motor and control from being damaged or personal injury :

- Display screen warning: The flashing red temperature icon on display screen of your SOLO winch indicates the motor is over-heating.
- Handheld remote warning: The two green LED indicators on the wired remote control will turn red if the motor is over-heating.
- Buzzer warning: When motor is over-heating, the SOLO winch will induce a buzzer alarm.



Over-heat Warning



Handheld Remote Warning



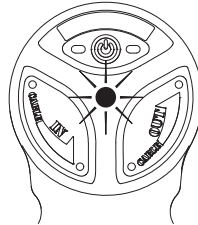
Buzzer warning

## 4. Wireless Signal Icon :

- While using wireless remote control, the wireless signal icon of display screen will turn on.
- The LED indicators on the wireless transmitter indicate the signal condition. If green, the signal is good; red is weak.



Wireless Signal Icon



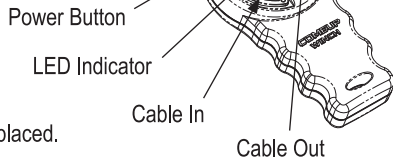
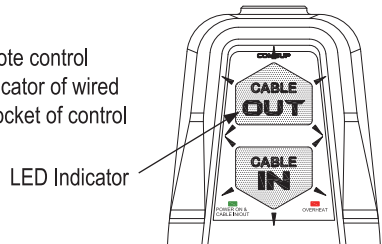
Wireless Transmitter

## 5. Handheld wired remote control :

All automotive winches are supplied with a wired remote control to activate and operate the winch. Two green LEDs indicator of wired control will be illuminated after the remote plug in the socket of control box.

## 6. Wireless Transmitter :

Your SOLO winch comes with a wireless transmitter. Press and hold the power button for 5 seconds to activate winch operation. The green LED Indicator lights up. Regarding wireless remote pairing, Please check the SOLO winch wireless remote instruction manual.



## 7. Wireless transmitter's battery life :

If green LED indicator on the wireless transmitter is flashing, the battery of the transmitter need to be replaced.

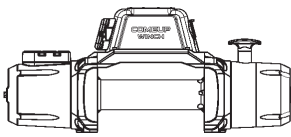








## ► Wireless Receiver & Transmitter



This wireless remote control device complies with CE mark, FCC and Industry Canada (IC) rules.

- On-top display screen with wireless remote control function, on/off switch, temperature warning and over-heat buzzer warning.
- After on/off switch is powered on, the display screen shows the status of battery level. At the same time, the wireless signal icon will be blinking with buzzer warning until the wireless remote signal is connected.

- SOLO winch with On-top display screen, on/off switch and buzzer warning.

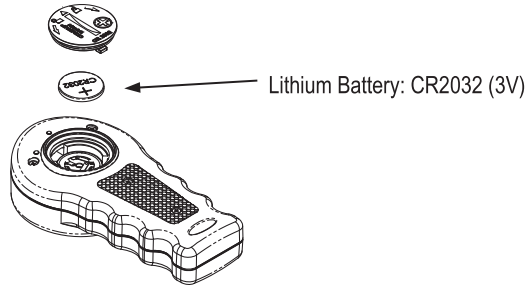
Applicable models		SOLO 9.5rs/12.5rs				
LED & Buzzer		  				
					Transmitter LED	
Turn on On/Off Switch		On	Blinking 10 seconds	2 short beeps for 10 seconds	X	
Press Transmitter for 5 seconds				X	Turn on Green	
Pairing			Blue	Long beeps for 5 seconds		
If pairing failed, please check the SOLO winch wireless remote pairing Instruction manual.						
Wireless control in operation		Voltage reading will vary		Blue light on	X	Red
Wireless control not in operation		Real voltage reading		Blue light off	X	Green
Motor over-heat warning		 (Blinking)		X	2 short Beeps every 5 seconds	Green
Low voltage on transmitter		Light on	Light on	X	X	Green
Poor signal warning						Red
Press the power button for 5 seconds to turn transmitter off.						X
Press the power button to turn winch off.						X

Remarks: While using wired control, it is not necessary to power on on/off switch.

### ► Replace of a battery on the Wireless transmitter

When the green LED Indicator is flashing indicates an extreme low battery level of wireless transmitter. The battery should be replaced.

1. Turn cover counterclockwise to open.
2. Replace new battery and put the cover back.
3. Turn cover clockwise to close.



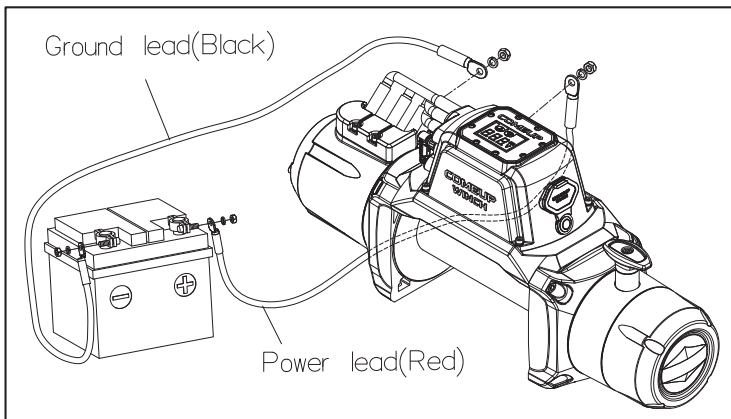
### ► Battery Recommendations and lead size

A fully charged battery and good connections are essential for the proper operation of your winch. The minimum requirement for battery is 650 cold cranking amps. The voltage drop for the winch motor must not exceed 10% of the nominal voltage of 12/24V DC.

The battery lead shall be 2 gauge with 1.83 m in length at most, otherwise a considerable voltage drop will be happened.

### ► 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 12/24V DC.

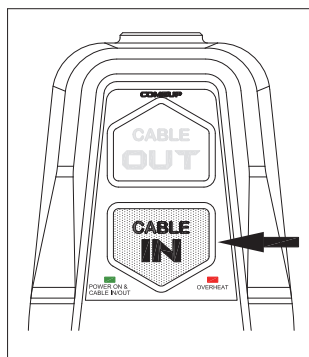
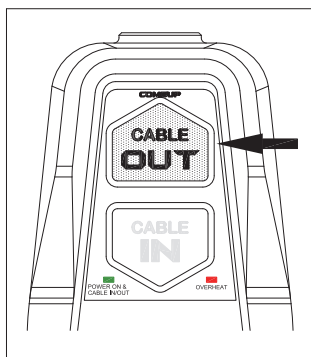




## ► Cable-in/Cable-out Operation

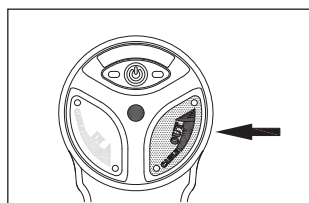
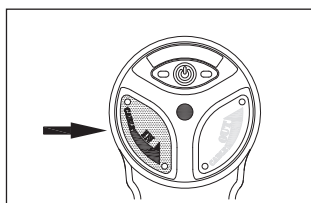
### 1. Wired Remote Control :

- 1.1 To winch or cable out, press and hold cable out button.
- 1.2 To winch or cable in, press and hold cable in button.
- 1.3 To stop winching, release the button.



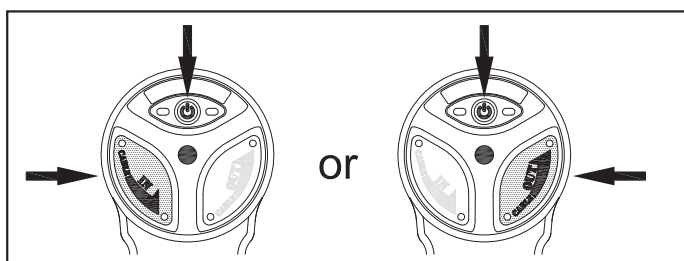
### 2. Wireless Remote Control :

- 2.1. Press and hold the cable in button of the transmitter for rope winding in operation.
- 2.2. Press and hold the cable out button of the transmitter for rope winding out operation.
- 2.3. Stop winching, release the cable in or cable out buttons.



### 3. Wireless Remote Control as an Additional Emergency Stop Function:

Both press the power button and Cable-in or Cable-out button also works as an emergency stop if the wireless remote control is in malfunctions for any reason. While the wireless remote control is in operation (either winch in or winch out, the red light is on), once the power button and Cable-in or Cable-out button are pressed, the wireless remote control is forced to power off immediately. Winch will stop running accordingly.

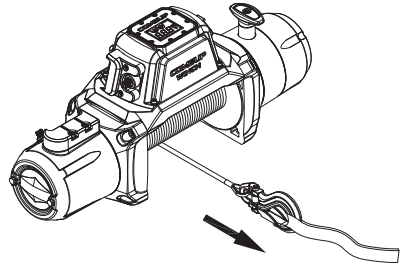
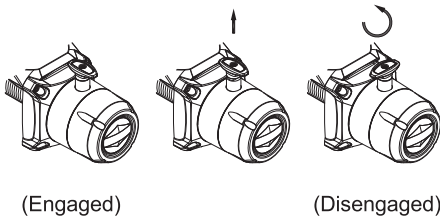


## ► Shut Down the Winch Permanently

Power off the On/Off switch directly.

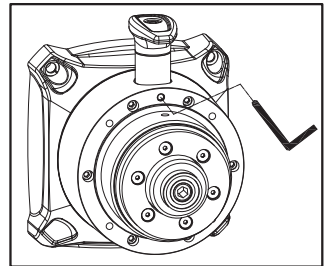
## ► Clutch Function

1. The clutch allows rapid pay-out of the wire/synthetic rope for hooking onto a load or anchor points and is operated by a clutch T-handle.
2. The clutch T-handle must be in the "Engaged" position before winching.
3. To disengage, Lift the clutch T-handle up and turn it counter-clockwise to the "Disengaged" position. Wire/synthetic rope can now free spool off the drum.
4. To engage, Lift the clutch T-handle up and turn it clockwise to the "Engaged" position.
5. If a clutch T-handle can't be properly locked in the "Engaged" position, rotate the drum to help the clutch device engage the gear train.
6. Wear gloves and use a hand saver strap when guiding the wire/synthetic rope off the drum.
7. Never disengage the clutch while wire/synthetic rope is under load.



## ► Replace T type clutch kit

1. Remove brake cover or gearbox to the gear housing.
2. Loosen the socket set screw securing the clutch T-handle threads in the gear housing.
3. Remove the T-handle from the gear housing.
4. Thread the new clutch assembly completely into the gear housing.
5. Tighten the socket set screw securing the clutch mechanism threads into the gear housing.
6. Reinstall the brake cover or gearbox and secure cap screws are tighten.

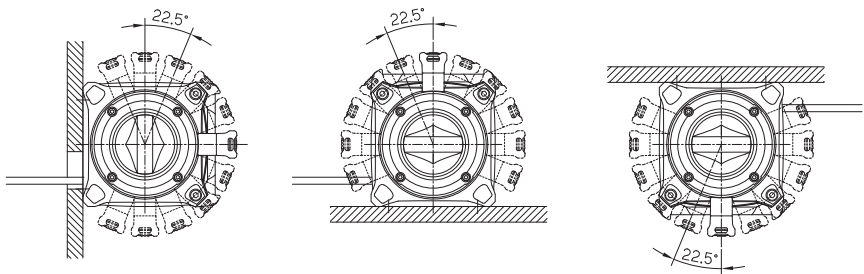


## ► Clutch Repositioning

Change the position of the Free-Spool T-handle according to the following steps.

1. Loosen and release the bolts on the brake rear cover for separating the brake rear cover away.
2. Loosen and release the bolts on the gearbox away for separating the gearbox away.
3. Rotate the gearbox by a proper angle increments mentioned on the below chart to the required position.
4. Re-assembly the gearbox and rear brake cover.

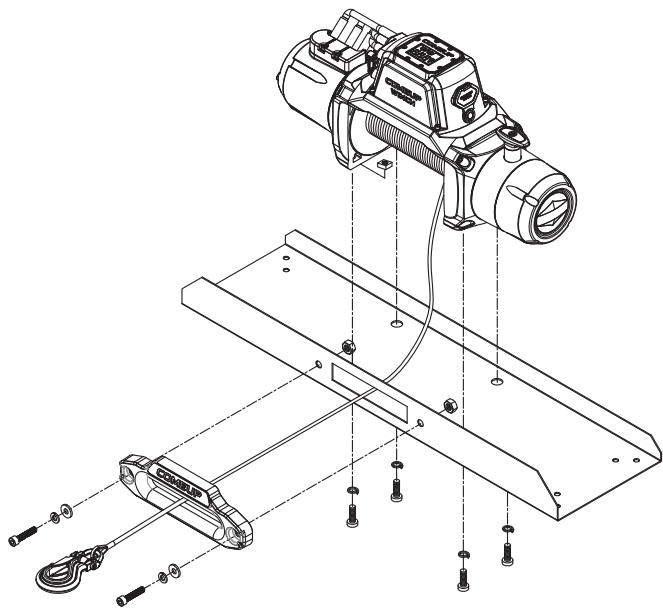




► **Mounting Configurations**

The payout direction for wire/synthetic rope or the correct methods for mounting the winch vary according to different winch model. Do wind the rope from the bottom of the drum. At any condition, do not position the load direction away from the mounting base plate.

Winch Model	Mounting Position		Repositioning	
	Foot Down	Foot Forward	Clutch Angle	Motor Angle
SOLO 9.5rs / 12.5rs	V	-	22.5°	90°



### **Limited Lifetime Warranty for Mechanical Components Limited Three(3) Year Warranty for Electrical Components**

#### **SOLO Series WARRANTY**

Comeup Industries Inc. (COMEUP) warrants to the original purchaser that the mechanical components of the COMEUP Automotive Winch will be free of defects in material and workmanship for the lifetime of the winch and the electrical components will be free of defects in material and workmanship for a period of three (3) years for SOLO winch from the original date of purchase. All COMEUP mounting kits and other accessories carry a one (1) year limited warranty against defects in material workmanship.

This warranty applies only to the original purchaser of the winch. To obtain any warranty service, the purchaser under this Limited Warranty is requested to advise COMEUP or its authorized distributors on any claim. The purchaser must provide a copy of the purchase receipt bearing the winch serial number, date of purchase, owners name, email or Tel & Fax, address and purchaser vehicle details. Any products that COMEUP determines to be accountable for defective will be repaired or replaced or refund at COMEUP sole discretion without charge to buyer upon buyer's compliance with these procedures. In the event of repair or replace, purchaser must send the defective winch or part, with freight prepaid, to COMEUP or its authorized distributor. And COMEUP will send the serviced product back to purchaser on COMEUP's cost. This warranty does not cover the removal or reinstallation of the winch.

COMEUP takes the responsibility for COMEUP winch parts and components to be free from defects in materials and workmanship, but the following portions are hereby excluded and disclaimed. COMEUP or its authorized distributors may make reasonable charges for parts and labour for repairs or resumption in the following portions not covered by this limited warranty.

- (1). All warranties of wire rope and synthetic rope assemblies after initial use
- (2). All warranties of fitness for a particular purpose
- (3). All warranties of the product's finish
- (4). All warranties of merchantability

The limited warranty does not cover any failure that results from improper installation/operation, third party part substitution, purchaser's alteration or modification on COMEUP winch. This warranty is void when COMEUP serial number plate is removed or defaced.

COMEUP's liability to the purchaser under the winch purchases for any loss or damage howsoever and whatsoever arising shall not exceed the price of the initial winch purchase receipt. COMEUP shall not in any event be liable to the purchaser for any consequential and/or indirect loss or damage whether for loss or for profit or otherwise, costs, expenses or other claims for consequential compensation whatsoever and whether caused by negligence of COMEUP employees, distributors and their employees or otherwise. COMEUP reserves the right to change product design without notice. In situations in which COMEUP has changed a product design, COMEUP shall have no obligation to upgrade or otherwise modify previously manufactured products.

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Specifications subject to change without notice.