COMEUP WINCH

Self-Recovery Winch

Model: *DV-6*

PN: 854750 931776 850666

Introduction

▶ Feature

Line pull:	2,722 kg / 6,000 lb wire rope first layer
Wire rope:	7.1 mm × 24.4 m (9/32" × 80′) galvanized aircraft A7 × 19
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
- Control box ..... 1 pc
- Remote control..... 1 pc
- Wire rope with clevis hook..... 1 pc
- Roller fairlead..... 1 pc
- 1.8 m (6′) 6 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.

▶ Information requesting or parts ordering

Please specify the followings information:

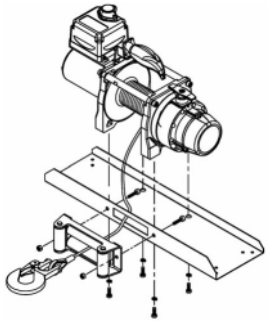
- Winch PN
- Part description
- Quantity for each part
- Serial number
- Replacement part number

Installation

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

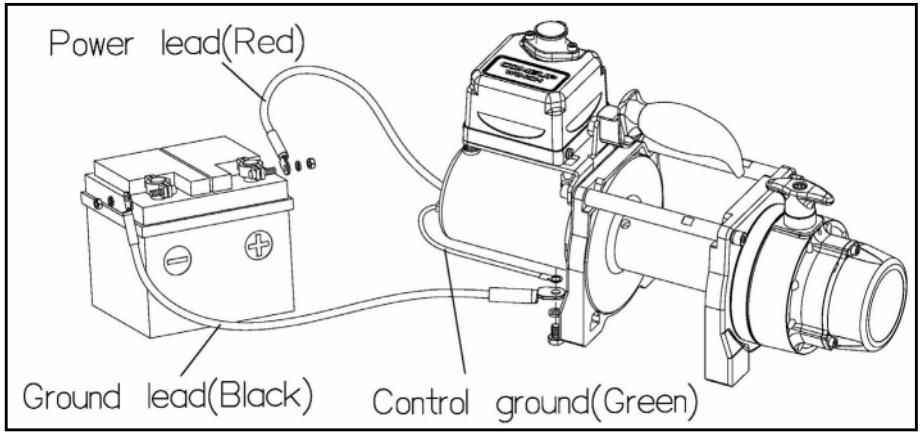
▶ Winch and roller fairlead mountings

- 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 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.
- Two (2) M10 x 1.50 pitch 10.9 grade high tensile steel bolts must be used for fastening the roller fairlead into the mounting channel.



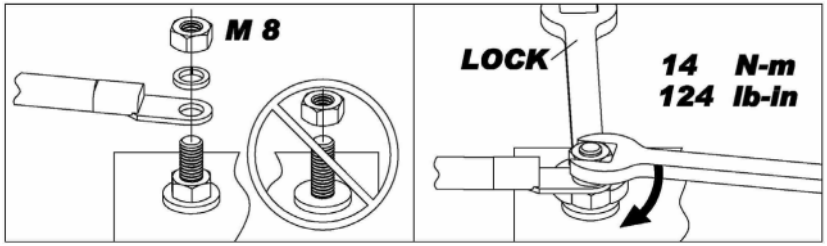
▶ Wiring Diagram

- Connect control ground, and cable A/F1/F2 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 12V 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.



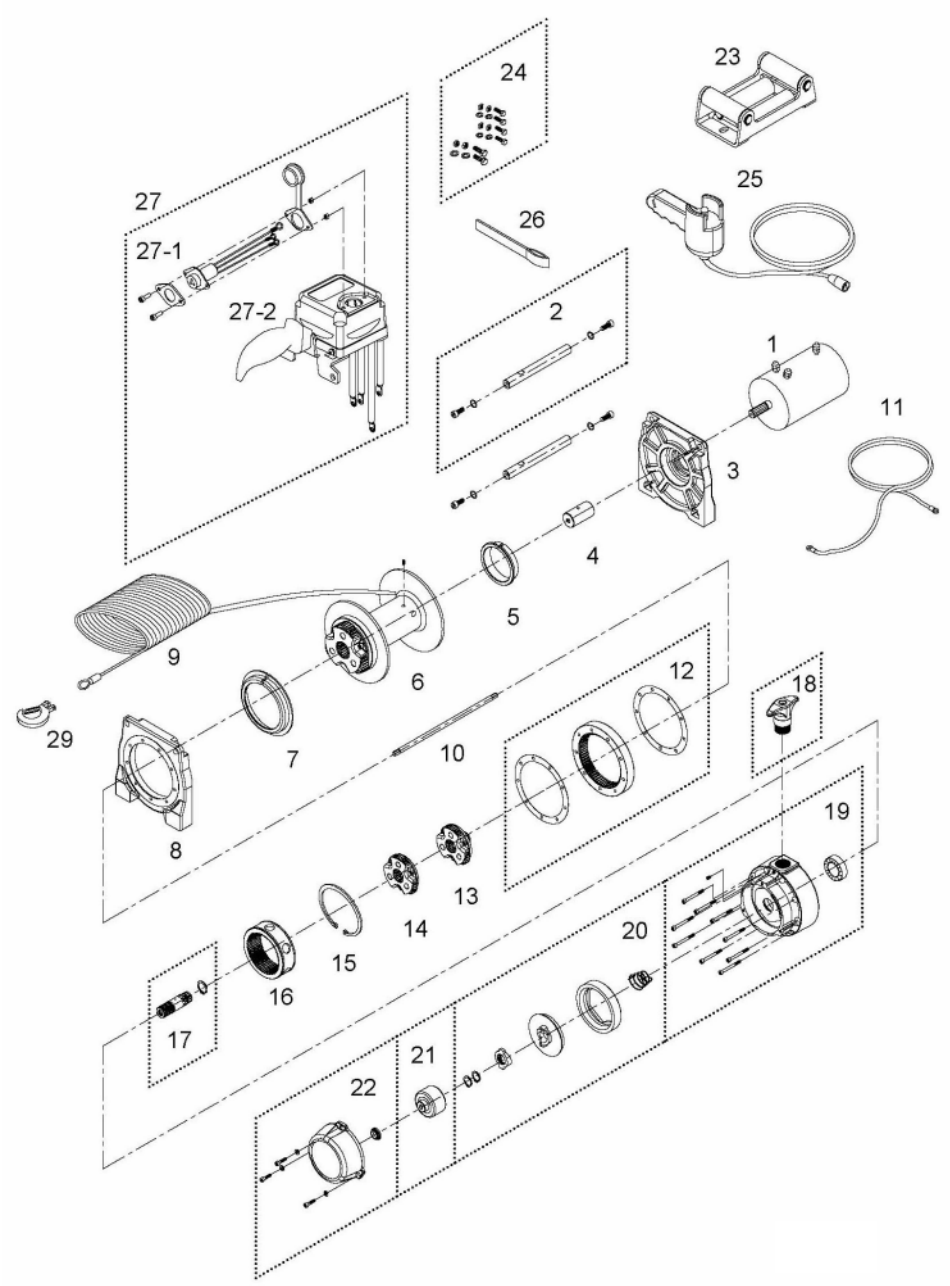
Warning

- 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	Motor 12V	881505	1
2	Tie bar kit	882256	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	882367	1
10	1st shaft	880084	1
11	Grounding lead	882040	1
12	3rd ring gear kit	880086	1
13	2nd stage carrier	880087	1
14	1st stage carrier	880088	1
15	Retaining ring	880089	1
16	1st & 2nd ring gear	880090	1
17	1st 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	880096	1
24	Mounting hardware	880097	1
25	Remote control	880025	1
26	Handsaver strap	880026	1
27	Control box 12V	882265	1
27-1	Remote socket kit	880029	1
27-2	Control pack 12V	882266	1
29	Clevis hook	881995	1

Winch Assembly



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