

DC WINCH UPDATE KIT ADVANCED SWITCH CONTROL (ASC)

P/N 511-52015-01
ASSEMBLY INSTRUCTIONS



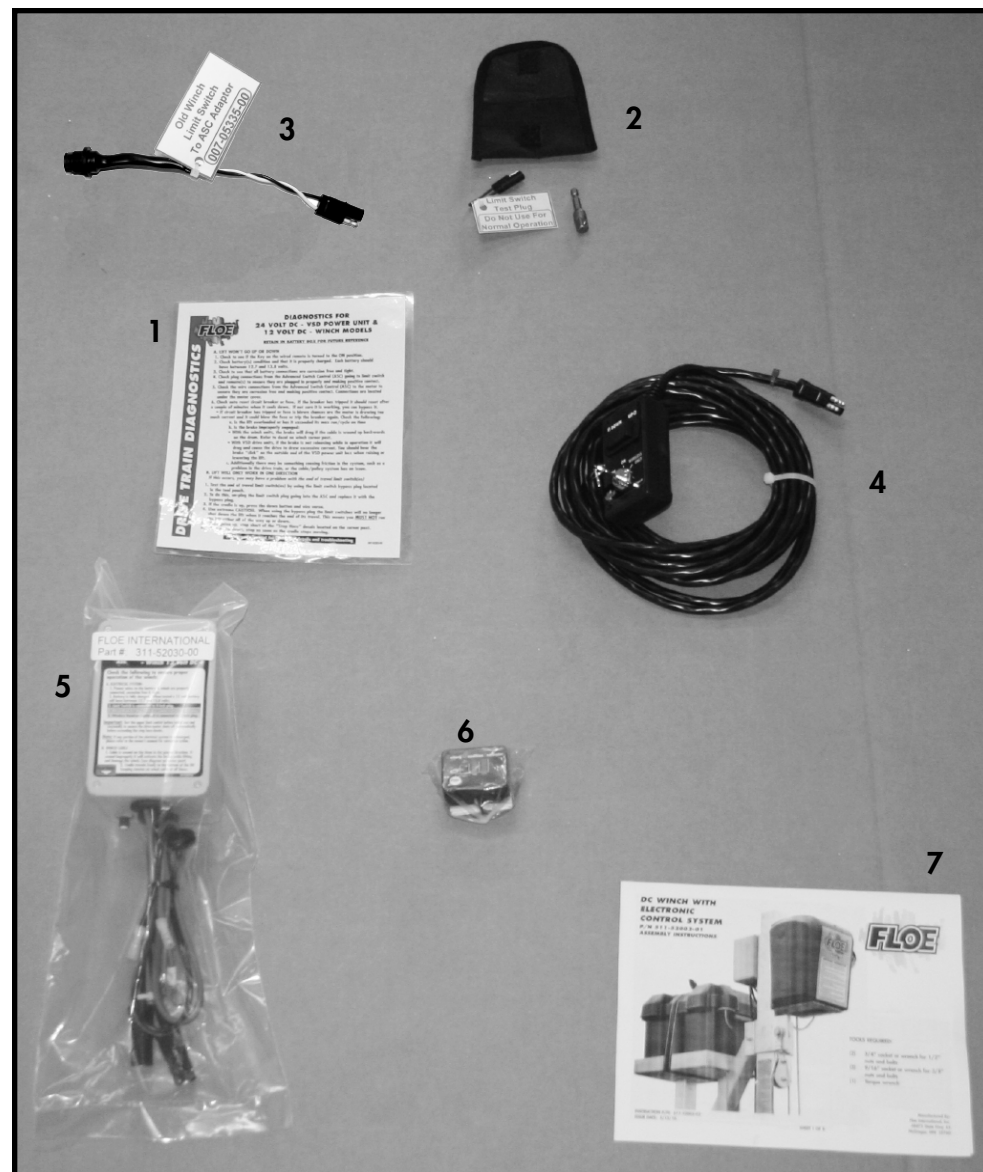
TOOLS REQUIRED:

- (2) 3/4" socket or wrench for 1/2" nuts and bolts
- (1) Torque wrench
- Flat End Screwdriver

INSTRUCTION P/N: 611-52015-01
ISSUE DATE: 8/18/10
REV 8/2/21

PARTS LIST:

- (1) One – Diagnostic Check List, 007-05305-00
STORE IN BATTERY BOX FOR FUTURE REFERENCE
- (2) One – DC Winch Tool Kit, 111-00106-00
 - One – Tool Kit Pouch, 007-03980-00
 - One – 3/8" Drive Socket Adapter, 007-03981-00
 - One – DC Winch Test Plug, 007-05302-00
- &1 ' One – DC Winch Limit Switch Adapter, 007-05335-00
- &2 ' One – Wired Remote with Key Switch, 111-70010-00
- &3 ' One – DC Winch Advanced System Control, 311-52030+ .
 - One – 50 AMP Auto-Reset Circuit Breaker Assembly, 111-70016-00
- (6) One – Battery Condition Indicator, 511-01350-00
- (7) One – DC Winch Update Instructions, 611-52015-01



STEP 1:

Connect the two wires with spade connectors from electronic control box to the wires exiting the winch. (Fig.1A) Push the connectors into the winch box and install the grommet on the control box wires into the hole on the winch box. Clean and adhere the dual lock to back side of the winch mount 3-3/4" down from the top of the winch mount and centered. Attach the Advanced Switch Control box to the winch by sliding the bolt head and washer into the nut track on the lift leg (Fig.1B). And firmly pressing the dual lock pads together (Fig. 1C).

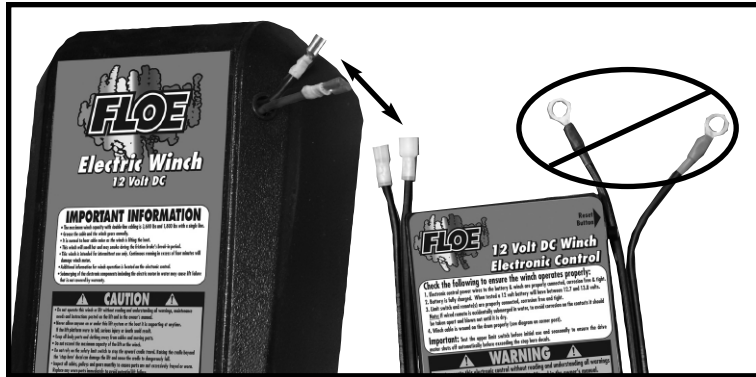


Fig. 1A Connect wires from control to winch

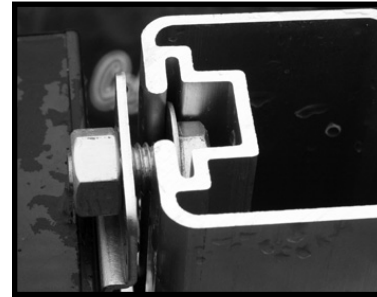
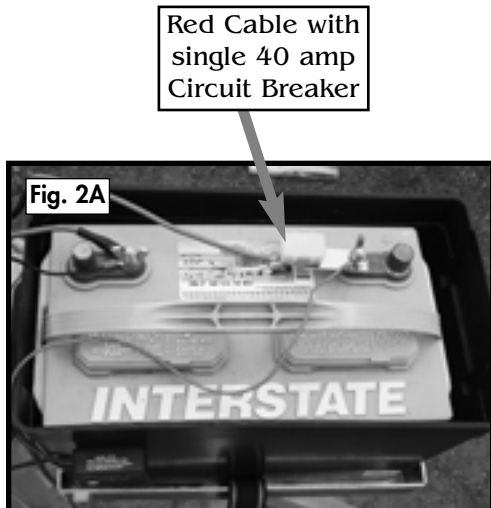


Fig. 1B
Slide the mounting tab into the nut track on the lift leg

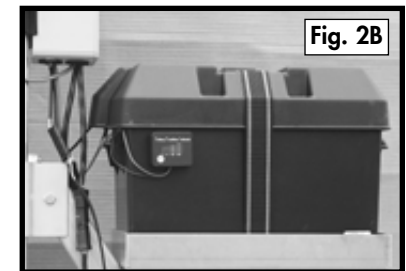


Fig. 1C Attach the electronic control box



STEP 2:

Attach red 8ga power cord with automatic overload circuit breaker to positive side of battery and the black and red to the negative as shown. (Fig. 2A) At the same time attach the Battery Condition Indicator leads (red to positive and black to negative) clean with the alcohol prep wipe included and adhere the unit to the battery box in a location that is suitable for ease of use by removing the protective cover from the hook and loop tape. Example (Fig. 2B). Place the diagnostic Check List in the battery box for future reference.



STEP 3:

Plug 4 connector wired remote into the corresponding lead of the Advanced System Control box. NOTE: The wired remote lead is identified by the blue wire tie next to the base of the plug on the ASC as shown. (Fig. 3)



Fig. 3 Wired Remote Connection

STEP 4:

Plug 2 lead connector of limit switch assembly into the corresponding lead of the ASC as shown. (Fig. 4)



Fig. 4
Limit Switch

STEP 5:

Route wires of the remote and limit switch to the inside of the winch post. Then remove tape masking from the limit switch assembly. On the inward-facing side of the winch corner post, measure six inches from the bottom of the upper clamp, and then free the area of any debris by wiping it with a clean, dry cloth. Adhere the limit switch assembly horizontally as shown in (Fig. 5) For proper adhesion, the temperature should be no lower than 50 degrees. At 70 degrees, allow the tape to cure for at least 24 hours. Secure any loose wires with a portion of the double sided Velcro included.

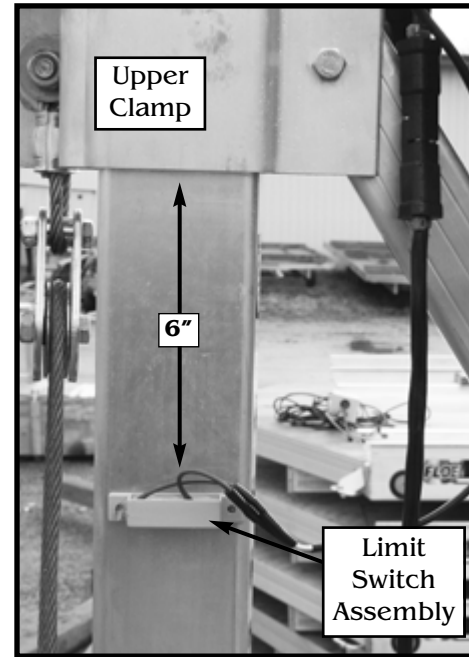


Fig. 5 Limit Switch Placement

! WARNING

The safety limit switch assembly must remain intact and working properly or damage may occur.