40 Amp Electrical Switch Assembly Enclosed - (514-0103)

Wiring Instructions

[Diagram of a 40 Amp Electrical Switch Assembly]

- Tarp-in
- OFF
- Tarp-out
- Motor-Breaker
- Battery-Breaker
- Reset
- Light
The switch panel (514-0103) comes assembled as shown in Fig. 1.

Step 3. Wiring The Motor
Run the 6 ga. black wire from the #2 terminal on the motor to the 40 amp “Push To Reset” breaker on the switch panel as shown in Fig. 3.

Step 2. Attaching The Connectors
Strip the ends of the 6 ga. wire approximately 3/4” and attach the light blue connectors (see Fig. 2) using a pair of wire crimpers. The dark blue connectors will be used on the battery.
Step 4. Wiring The Motor
Run the 6 ga. black / red wire from the #1 terminal on the motor to A2 as shown in Fig. 4. (A2 is also labeled on the switch panel)

Step 5. Running The Ground Wire To The Battery
Run the 6 ga. black wire from B2 on the switch to the negative terminal on the battery as shown in Fig. 5. (B2 is also labeled on the switch panel)
Step 6. Wiring The 40 Amp “Non Cycle” Breaker

Run the 6 ga. black / red wire from B1 on the switch panel to the AUX terminal on the 40 amp “Non Cycle” breaker as shown in Fig. 6. NOTE: The large hole on top of the switch is for easy access to the B1 screw.

Step 7. Wiring The 40 Amp “Non Cycle” Breaker

Run the 6 ga. black / red wire from BAT on the 40 amp “Non Cycle Breaker” to the positive terminal on the battery as shown in Fig. 7.
Option #1. Plug Assembly - Part # 514-0505
Assemble the Quick Disconnect as shown in Fig. 8 and Fig. 9.

Option #2. Plug Assembly - Part # 514-0501
40 Amp Electrical Switch Assembly - (514-0103)

Item # | Part # | Description: | QTY:
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1 | 514-0107 | Electric Switch 3 Position | 1
2 | 514-0307 | Connector 6 ga. #10 Stud | 6
3 | 514-0308 | Connector 6 ga. Lug with 3/8” Eyelet | 2
4 | 514-0309 | Connector 6 ga. Lug with 1/4” Eyelet | 2
5 | 514-0405 | 40 Amp Type II Breaker | 1
6 | 514-0406 | 40 Amp “Push to Reset Breaker” | 1
7 | 514-9909 | Switch Bracket for Arm System | 1
8 | 517-0213 | 12V Label Electric Switch | 1

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