



# Off-board Charger Kit

Models: T3e, Speed Scrub 17in/20in



## INSTALLATION INSTRUCTIONS:

**Installation Time:** 1 Hour

**TOOLS REQUIRED:** 5.5mm, 8mm socket wrench, 10mm, 1/2", 9/16" wrench, small & Large Phillips screwdriver

### Kit Contents

| Part No. | Description                             | Qty. |
|----------|---|------|
| 611005   | SWITCH, RLR, 16A, MICRO                 | 1    |
| 06922    | SCREW, PAN, PHL, M3 X 0.50 X 20, 4.8    | 2    |
| 41578    | WASHER, FLAT, 06, SS                    | 4    |
| 579211   | NUT, HEX, LOCK, M3 X 0.50, NL, SS       | 2    |
| 603331   | SPACER, PLUG, CHRGR                     | 1    |
| 1033362  | HARNES, CHRGR PLUG                      | 1    |
| 1056034  | CHARGER, 24VDC, 11A VAR VAC 1PH 50/60HZ | 1    |
| 1033197  | SCREW, PAN, PHL, M4 X 0.70 X 25, SS     | 2    |
| 33932    | NUT, HEX, LOCK, M4 X 0.70, NL, SS       | 2    |

**FOR SAFETY:** Before installing kit, park machine on a level surface, turn key off and disconnect the negative (-) battery cable lead.

### Installing kit on a new machine:

**NOTE:** See page 2 if installing kit on a machine that is currently setup with an on-board charger.

1. Remove the control console panel to access internal wiring (Figure 1).



Fig. 1

2. Locate the two yellow wires with open terminals (wires #4 & #54) (Figure 2).

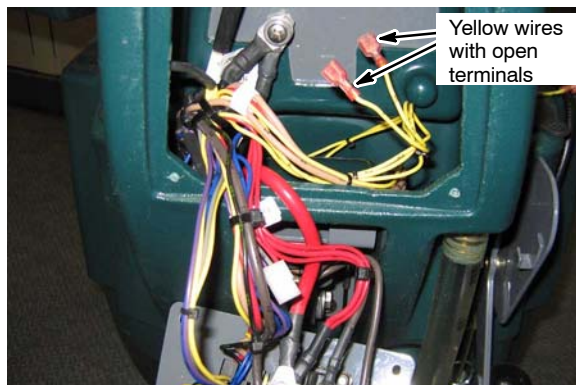


Fig. 2

3. Remove the squeegee lift bracket (Fig. 3). Two screws hold bracket in place.



Fig. 3

4. Route the two yellow wires with open terminals from control console down through hole as shown (Figure 4).

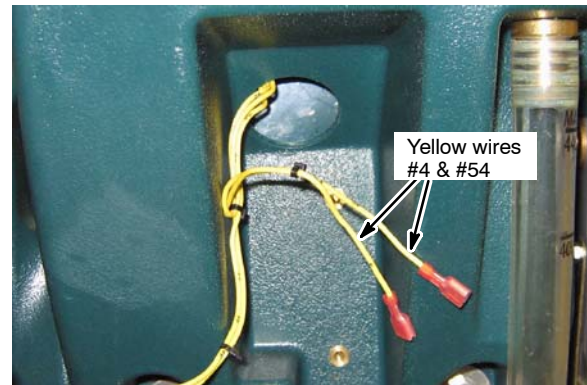


Fig. 4

5. Connect the two yellow wires to the roller switch as shown (Fig. 5).

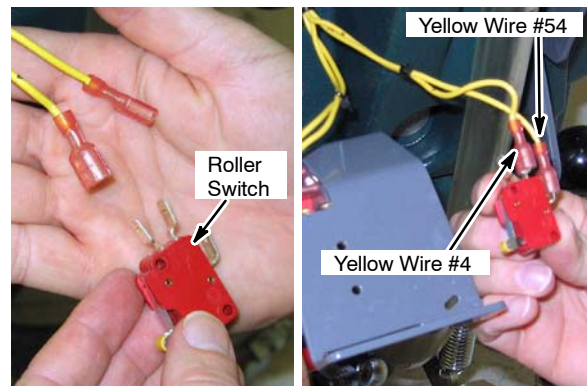
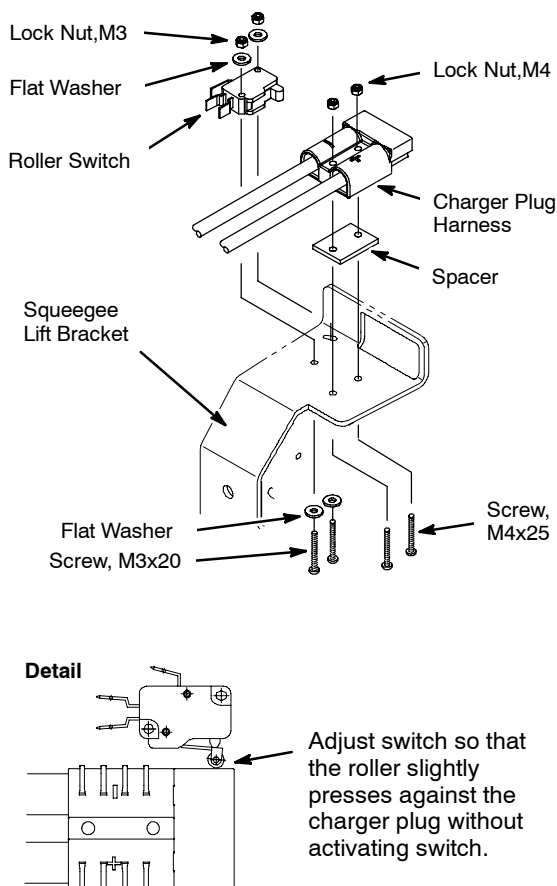


Fig. 5

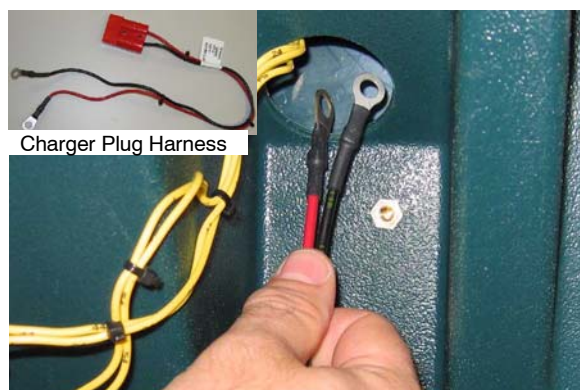
## Off-board Charger Kit INSTALLATION INSTRUCTIONS - Continued

6. Attach the roller switch and the charger plug harness to the squeegee lift bracket as shown (Fig. 6). Make sure the roller switch is properly adjusted before replacing the squeegee lift bracket (see Detail).



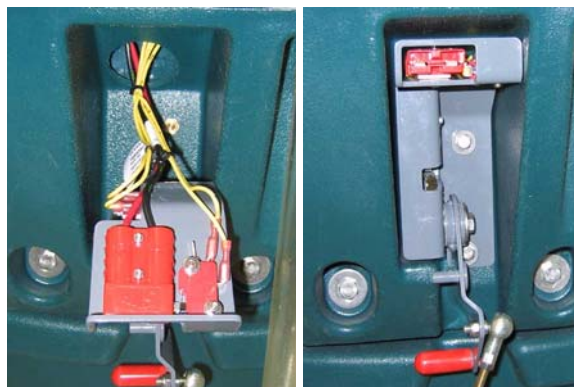
**Fig. 6**

7. Route the charger plug harness up into the console as shown (Fig. 7).



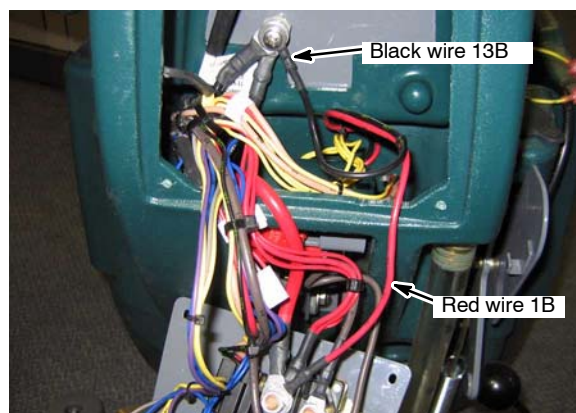
**Fig. 7**

8. Replace the squeegee lift bracket (Fig. 8).



**Fig. 8**

9. Connect the black and red wires from the charger plug harness as shown (Fig. 9).

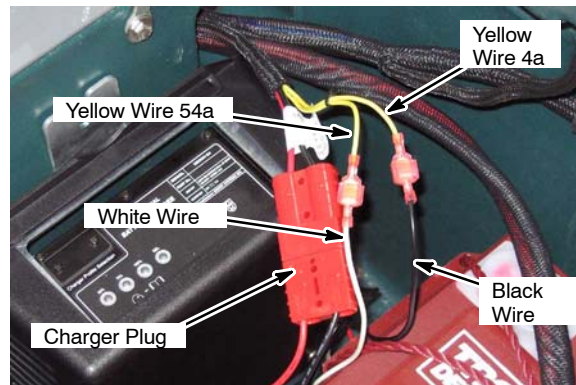


**Fig. 9**

10. Replace the control console panel and reconnect the negative (-) battery cable lead.

### Installing kit on a machine that is currently setup with an on-board charger:

1. Open the battery compartment and disconnect the on-board charger wire harness as shown (Figure 1).



**Fig. 1**



## Off-board Charger Kit INSTALLATION INSTRUCTIONS - Continued

2. Remove the on-board charger from the machine (Figure 2).

Standard/FaST Model



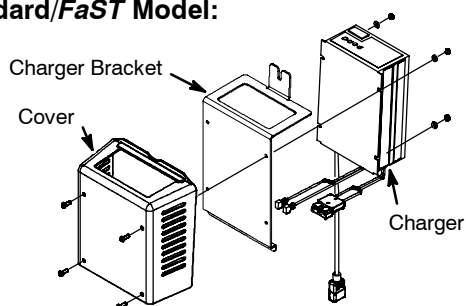
ec-H2O Model



Fig. 2

3. Disassemble the charger and cover from the charger bracket as shown (Figure 3).

Standard/FaST Model:



ec-H2O Model:

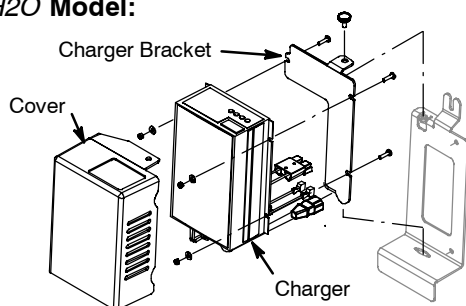
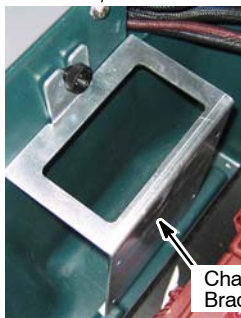


Fig. 3

4. Re-install the charger bracket and foam battery spacers (Fig. 4).

Standard/FaST Model



ec-H2O Model

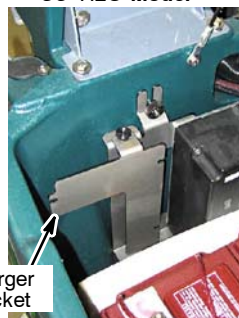


Fig. 4

5. Remove the control console panel to access the internal wiring (Figure 5).



Fig. 5

6. Disconnect the on-board charger wire harness terminals as shown (Fig. 6).

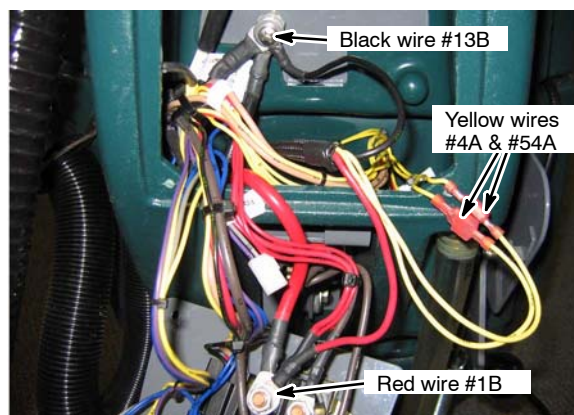


Fig. 6

7. Remove the on-board charger harness from the machine as shown (Fig. 7).

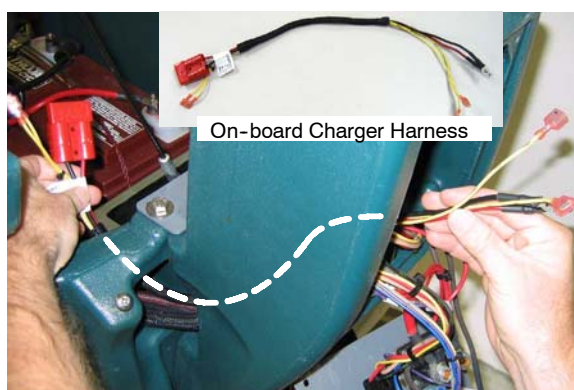


Fig. 7

8. Continue at step 3 on page 1 to complete kit installation.