



On-board Charger Kit

Models: T3e, Speed Scrub 17in/20in



This kit is intended to convert machines currently equipped with off-board chargers to on-board chargers.

INSTALLATION INSTRUCTIONS:

Installation Time: 1 Hour

TOOLS REQUIRED: 5.5mm, 8mm socket wrench, 10mm, 1/2", 9/16" wrench, Phillips screwdriver.

Kit Contents			Kit 9007343	Kit 9007344
Part No.	Description Qty.		Qty	Qty
1059522	CHARGER, 24VDC 11A 100/240VAC 50/60HZ		1	1
01683	WASHER, FLAT, 10, SS		3	4
09739	NUT, HEX, LOCK, M5 X 0.80, NL, SS		3	4
06934	SCREW, PAN, PHL, M5 X 0.80 X 20, 4.8		3	4
1040600	COVER, CHARGER		1	-
1045985	COVER, CHARGER		-	1
1045989	HARNES, CHRGR, ONBOARD		1	1
1061192	RETAINER, CORD, CHARGER		1	1
1009324	SCREW, PAN, PHL, 10-16 X 0.50, BLK		2	2
130773	TIE, CABLEM NYL, 11.0L, .14W, 3.0 MAX. D		6	6

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

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



Fig. 1

NOTE: If installing kit on a machine that is currently setup without an off-board or on-board charger move to step 7.

2. Disconnect the black and red wires (Fig. 2).

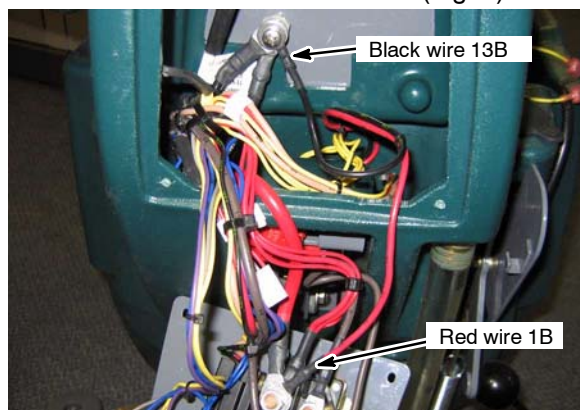


Fig. 2

3. Remove the squeegee lift bracket to access the existing charger plug as shown (Fig. 3).

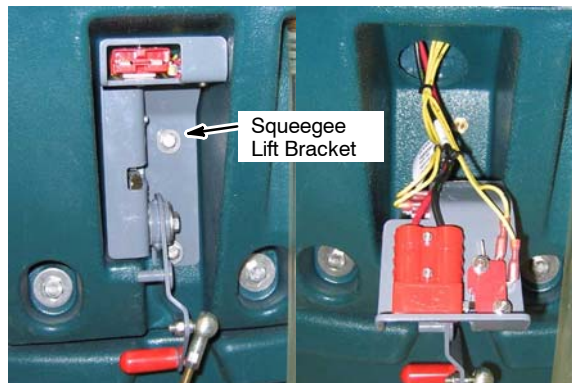


Fig. 3

4. Remove the charger plug wire harness assembly from the squeegee lift bracket (Fig. 4).



Fig. 4

5. Remove roller switch from squeegee lift bracket and disconnect wires from switch (Fig. 5a). Route the two yellow wires up into the control console (Fig. 5b).

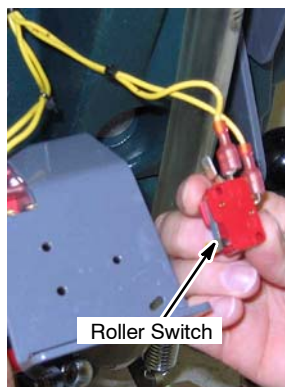


Fig. 5a

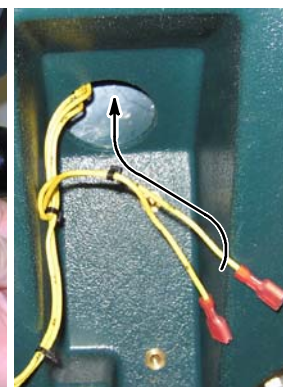


Fig. 5b

On-board Charger Kit INSTALLATION INSTRUCTIONS - Continued

6. Reinstall the squeegee lift bracket (Fig. 3).
7. Using the wire harness from the kit, route harness from battery compartment into console as shown (Fig. 6).

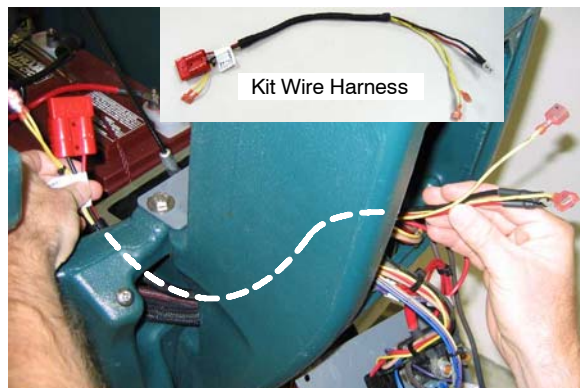


Fig. 6

8. Connect the kit harness wires to terminals as shown and replace control console panel (Fig. 7).

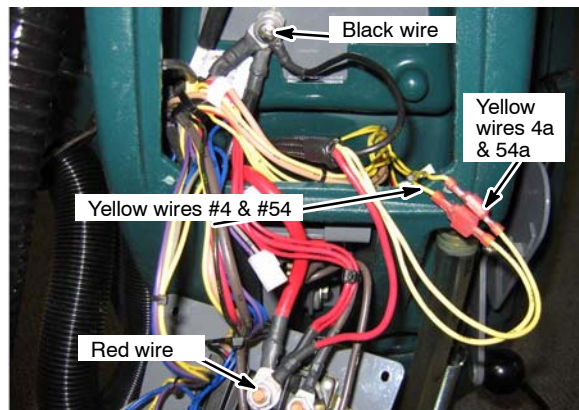


Fig. 7

9. Remove the charger bracket from the battery compartment (Figure 8).

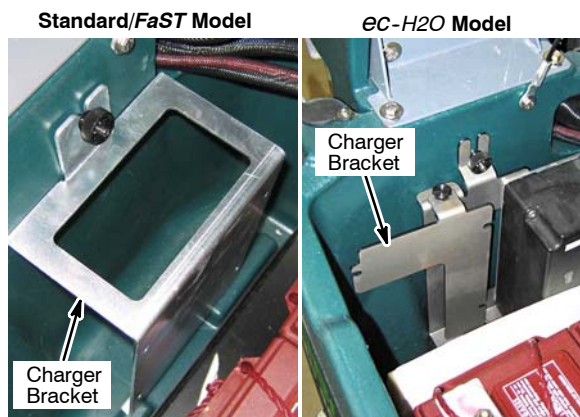


Fig. 8

10. Assemble the charger and cover to the charger bracket as shown (Figure 9).

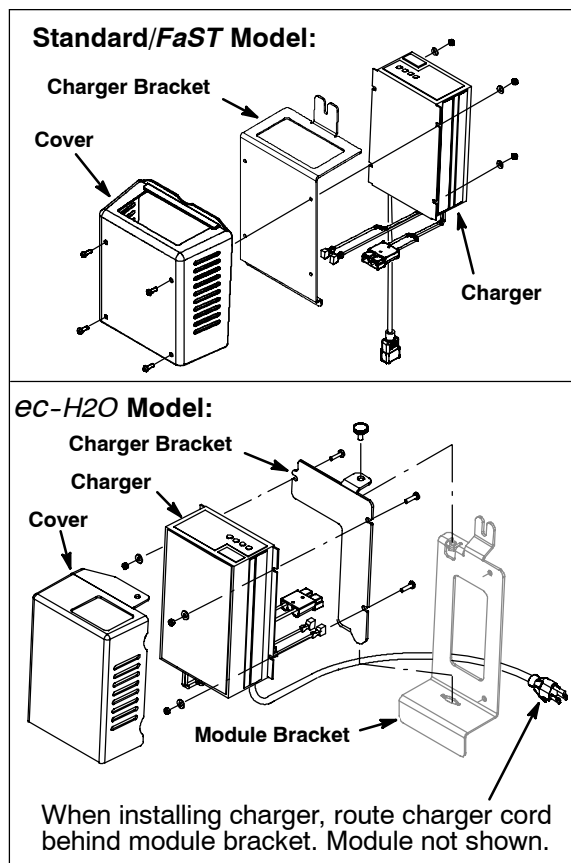


Fig. 9

11. Connect charger assembly to machine (Figure 10).

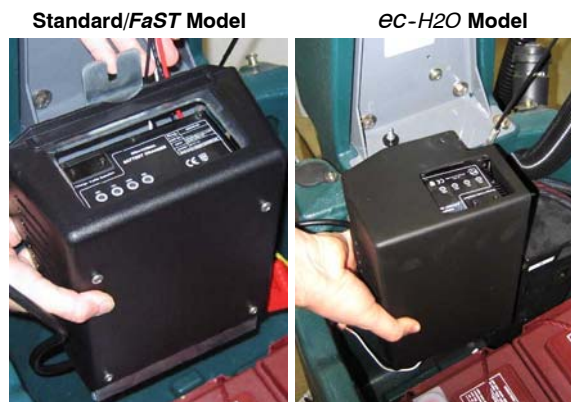


Fig. 10

On-board Charger Kit INSTALLATION INSTRUCTIONS - Continued

12. Connect the kit wire harness to the charger as shown (Figure 11).

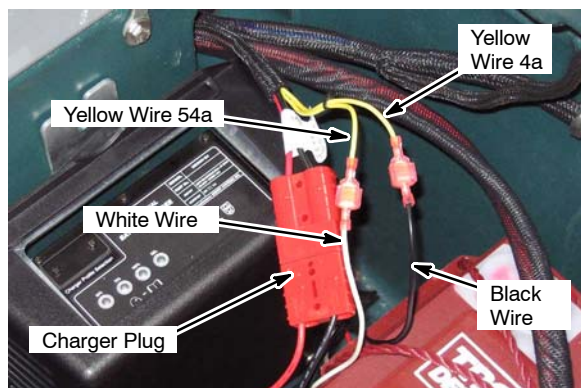


Fig. 11

13. Route the charger's power cord through the battery compartment hole as shown (Figure 12). For ec-H2O models, route the power cord behind the module bracket before routing through hole (See Figure 9).

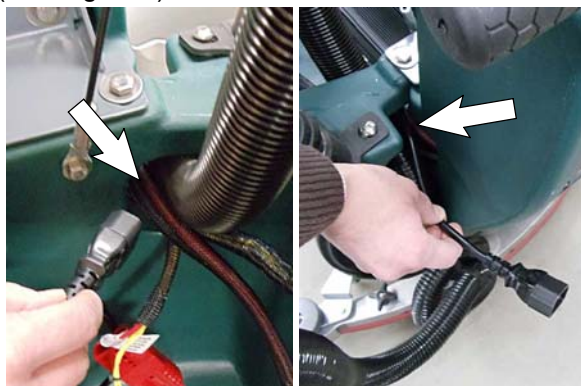


Fig. 12

14. Using (5) wire-ties, attach the charger's power cord to the retainer bracket as shown (Figure 13). Start by attaching plug first. Make sure the wire-tie is tight around the plug grip area as shown.



Fig. 13

15. Measure and mark the retainer bracket screw locations on the leftside of control console as specified (Figure 14).

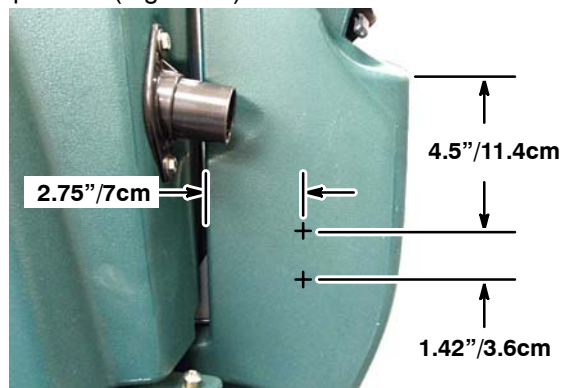


Fig. 14

16. Align retainer bracket holes with marks on console and attach bracket using (2) self-tapping screws (Figure 15). Connect the extension cord from the old off-board charger into the on-board charger's power cord and hang cord on hook. New extension cord not included with kit, must be purchased separately.

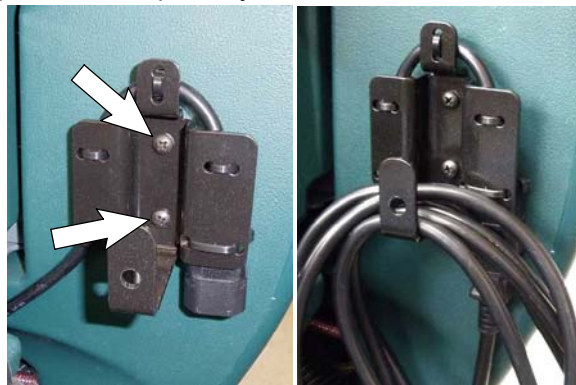


Fig. 15

17. For charger operating instructions, refer to the machine's Operator Manual.