



Off-board Charger Conversion Service Kit

Models: T3e, Speed Scrub 17in/20in



This kit is intended to convert machines currently equipped with on-board chargers that may be subjected to corrosion issues with the on-board charger and/or its AC pigtail plug connection.

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.

1. Turn key to the off position and disconnect the negative (-) battery cable lead (Figure 1).



Fig. 1

2. Open the battery compartment and disconnect the on-board charger connector and harness wires (Figure 2).

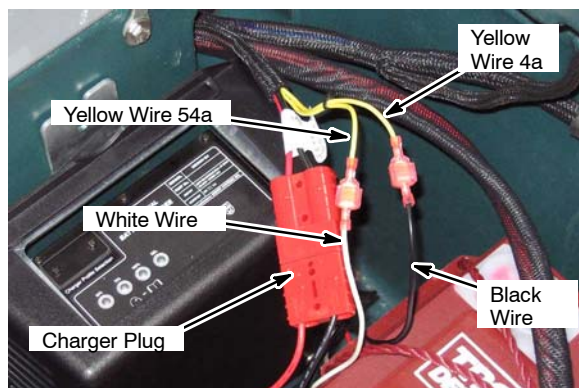


Fig. 2

3. Remove the on-board charger from the machine (Figure 3).

Standard/FaST Model



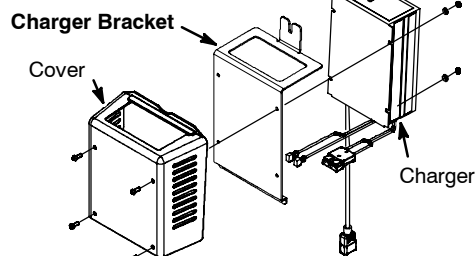
ec-H2O Model



Fig. 3

4. Disassemble the charger and cover from the charger bracket as shown (Figure 4). Discard on-board charger.

Standard/FaST Model:



ec-H2O Model:

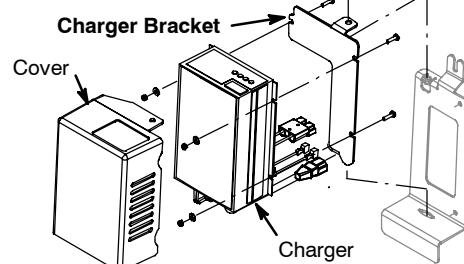
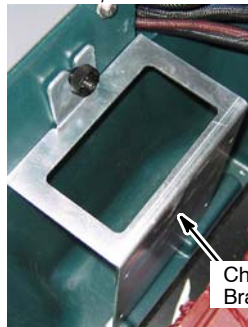


Fig. 4

5. Re-install the charger bracket (Fig. 5).

Standard/FaST Model



ec-H2O Model

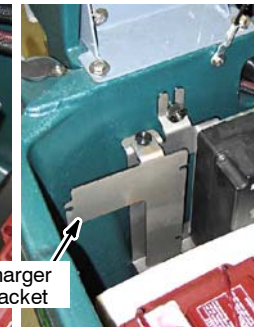


Fig. 5

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INSTALLATION INSTRUCTIONS - Continued

6. Remove the rear control console panel to access the internal wiring (Figure 6).



Fig. 6

7. Disconnect the on-board charger wire harness terminals as shown (Fig. 7).

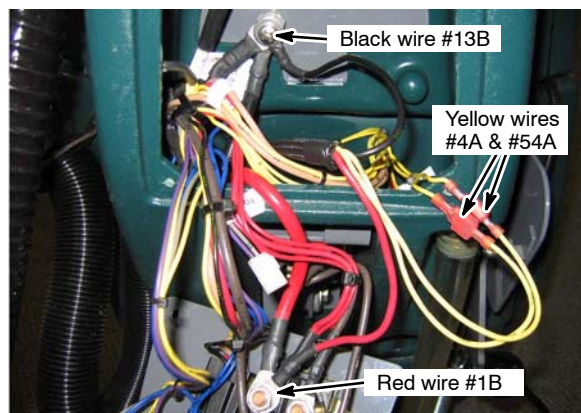


Fig. 7

8. Remove the on-board charger harness from the machine as shown and discard (Fig. 8).

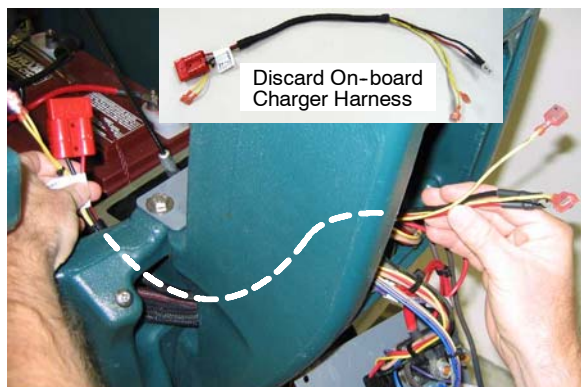


Fig. 8

9. Remove the squeegee lift bracket (Fig. 9). Two screws hold bracket in place.



Fig. 9

10. Route the two yellow wires with open terminals from control console down through hole as shown (Figure 10).

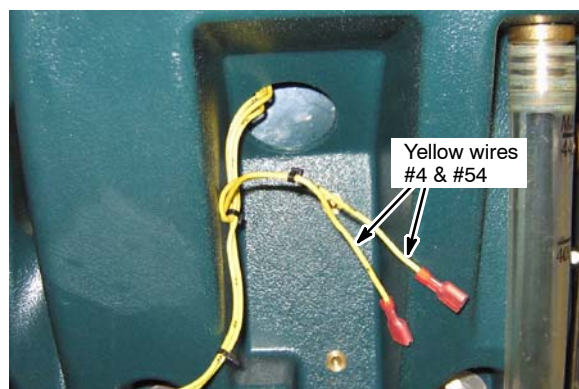


Fig. 10

11. Connect the two yellow wires to the roller switch as shown (Fig. 11).

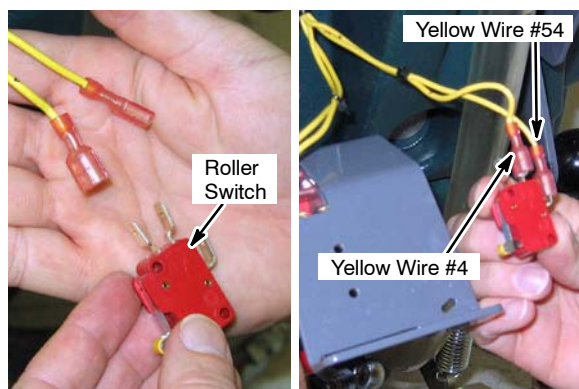


Fig. 11

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INSTALLATION INSTRUCTIONS - Continued

12. Attach the roller switch and the charger plug harness to the squeegee lift bracket as shown (Fig. 12). Make sure the roller switch is properly adjusted before replacing the squeegee lift bracket (see Detail).

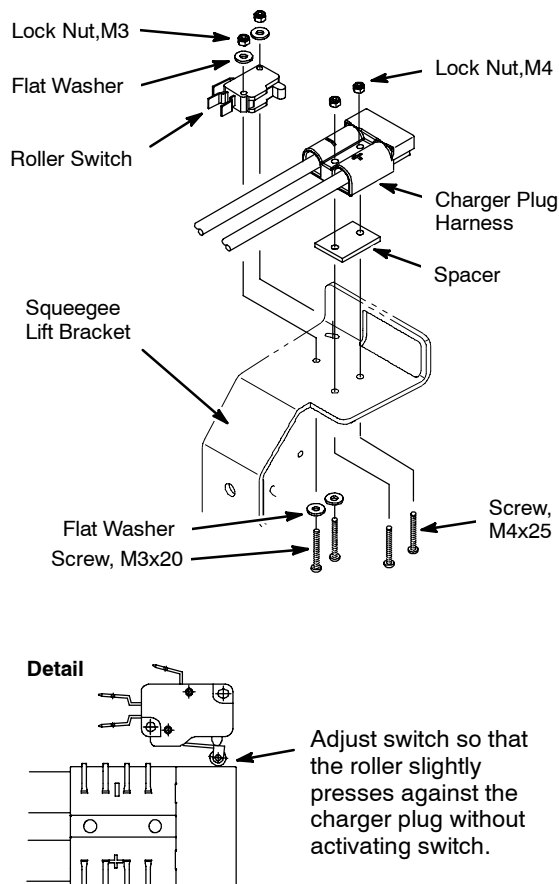


Fig. 12

13. Route the charger plug harness up into the console as shown (Fig. 13).

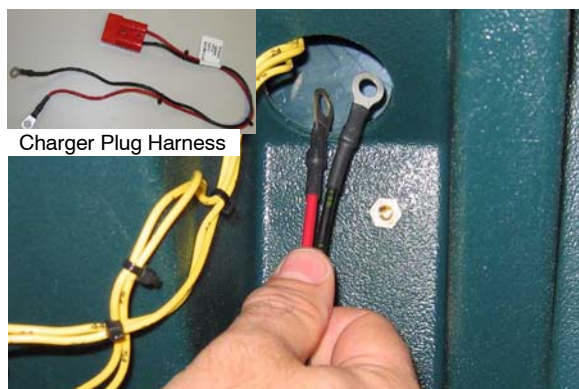


Fig. 13

14. Replace the squeegee lift bracket (Fig. 14).

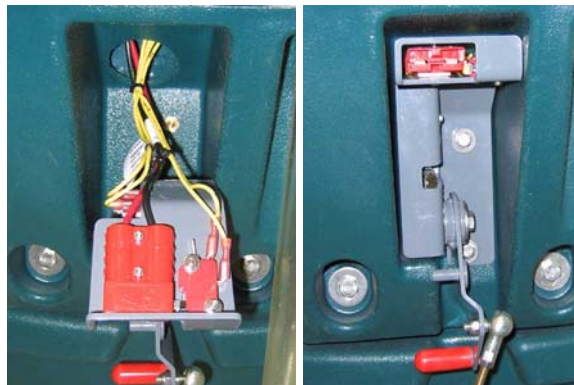


Fig. 14

15. Connect the black and red wires from the charger plug harness as shown (Fig. 15).

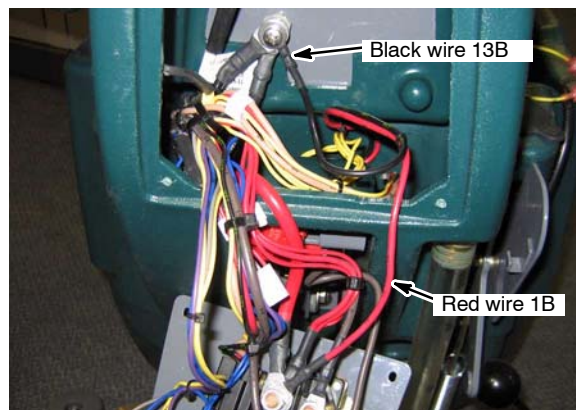


Fig. 15

16. Reinstall the rear control console panel (Figure 6) and reconnect the negative (-) battery cable lead (Figure 1).
17. Discard the old 15 ft/4.5m on-board charger extension cord. Use the new 8 ft/2.5m extension cord provided with new off-board charger (Figure 16).

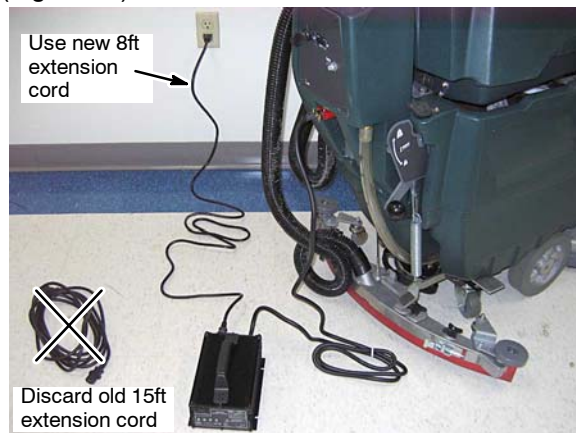


Fig. 16