



INSTRUCTION BULLETIN

No. 9013006
Machine: T12
Published: 11-2014
Rev. 00

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for **kit number 9020262**

SYNOPSIS:

This kit contains the parts needed to replace the ec- H20 circuit board on T12 scrubbers.
Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 45 minutes)



PROTECT THE ENVIRONMENT

Please dispose of packaging materials, used machine components such as batteries and fluids in an environmentally safe way according to local waste disposal regulations.

Always remember to recycle.

PREPARATION:

1. Park the machine on a clean level surface, completely lower the scrub head. turn off the machine, and remove the key.

FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, and remove key.

2. Disconnect the battery cable from the machine.

 **WARNING: Always disconnect battery cables from machine before working on electrical components.**

3. Lift operator seat open and engage the seat support.

INSTALLATION:

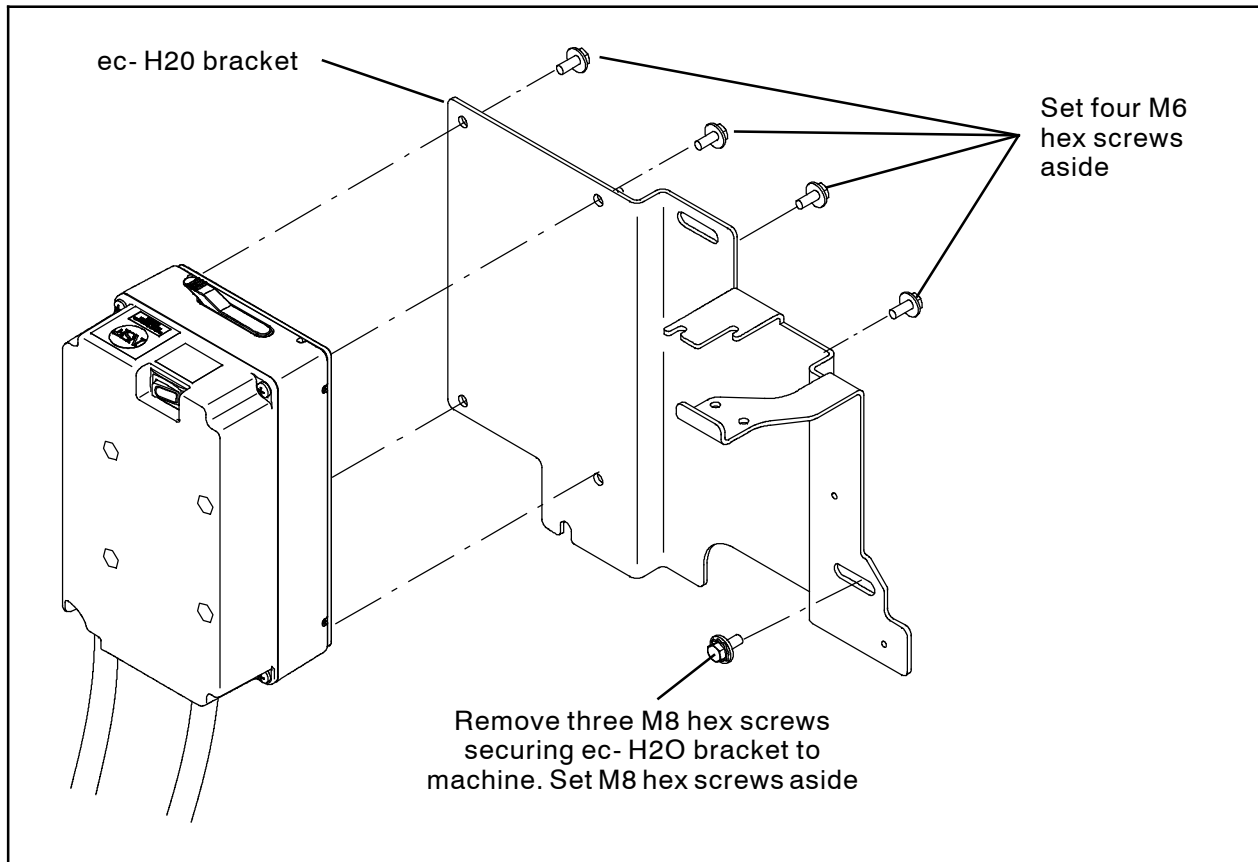


FIG. 1

1. Remove the ec- H2O bracket from the machine. Set the three M8 hex screws aside. (Fig. 1)
2. Remove the ec- H2O module from the ec- H2O bracket. Set the four M6 hex screws aside. (Fig. 1 / Fig. 2)
3. Secure static ground strap (8) around wrist. Secure the other end of the static ground strap to the machine frame.
4. Remove the ec- H2O circuit board assembly from the ec- H2O module. Discard the four M5 pan screws. (Fig. 3 / Fig. 4)



FIG. 2



FIG. 3

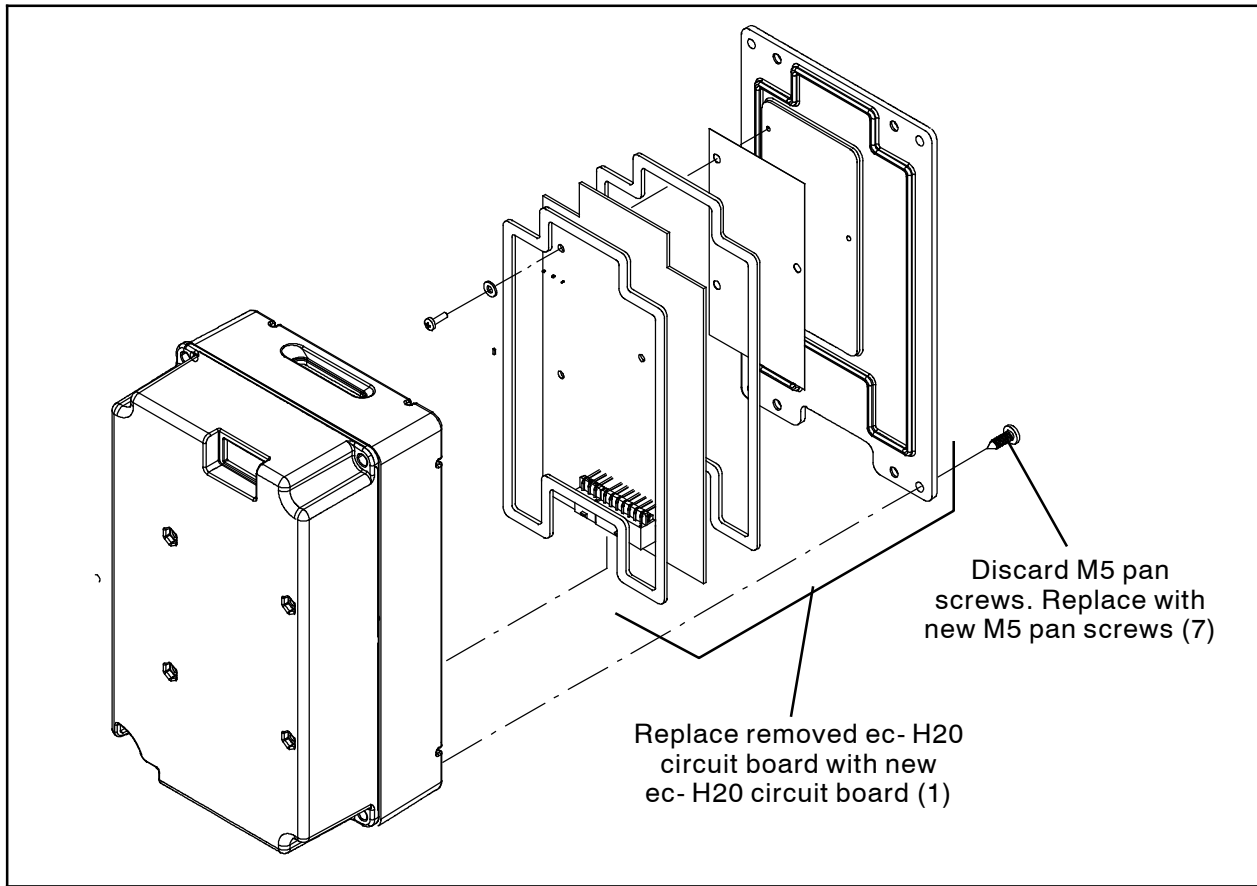


FIG. 4

5. Disconnect the main wire harness from the ec- H20 circuit board assembly. (Fig. 5)

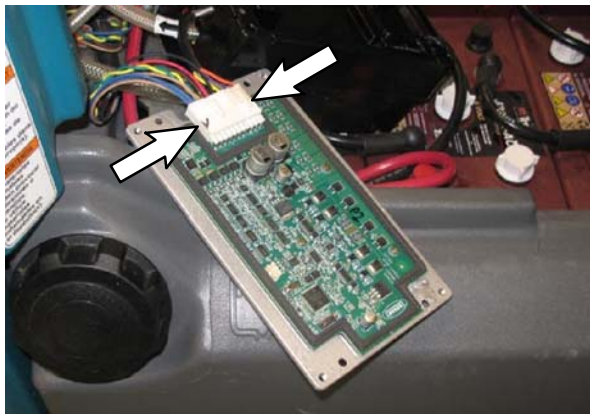


FIG. 5

6. Discard the removed ec- H20 circuit board assembly. (Fig. 5)

7. Connect the main wire harness to the new ec- H20 circuit board assembly (1). (Fig. 5)

8. Use four M5 pan screws (7) to install the ec- H20 circuit board assembly (1) onto the the ec- H20 module. (Fig. 3 / Fig. 4)

9. Reinstall the ec- H20 module onto the ec- H20 bracket. (Fig. 1 / Fig. 2)

10. Reinstall the ec- H20 bracket onto the machine. (Fig. 1)

11. Reconnect the battery cable to the machine.

12. Lower the operator seat.

13. Start and test the machine. Ensure the ec- H20 system is functioning. Watch the LCD display for error messages.

Bill Of Materials For Circuit Board Kit, ec- H2O, Afmkt [T12] - 9020262

	Ref.	Tennant Part No.	Description	Qty.
▽		9020262	Circuit Board Kit, ec- H2O, Afmkt [T12]	1
▲	1	1212102	Circuit Board Assy [ec- H2O, Mod- E, T17]	1
▲	2	1044794	Gasket, Controller [ec- H2O]	2
▲	3	06920	Screw, Pan, Phl, M3 X 0.50 X 10, 4.8	3
▲	4	1019218	Washer, Flat, 0.14B 0.31D .03, Nyl	3
▲	5	1038962	Plate, Heat Sink, Machined	1
▲	6	1038890	Pad, Thermal, Heat Sink	1
▲	7	1018155	Screw, Pan, Phl, M5 X 0.80 X 16, Tcut, SS	4
▲	8	27964	Strap, Ground, Static, Disposable	1

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