



INSTRUCTION BULLETIN

No. 9010961
Machine: T12
Published: 05-2013
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 9010931**

SYNOPSIS:

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

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)



PROTECT THE ENVIRONMENT

Please dispose of packaging materials, old machine components, and hazardous fluids in an environmentally safe manner according to local waste disposal regulations.

Always remember to recycle.

PREPARATION:

1. Park the machine on a clean level surface, 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 cable from machine before working on electrical components.**

3. Lift operator seat open and lock seat into the open position.

INSTALLATION:

1. Remove the SEMS M8 hex screw securing the side cover to the machine. Remove the side cover from the machine. Set the SEMS M8 hex screw and side cover aside. (Fig. 1)

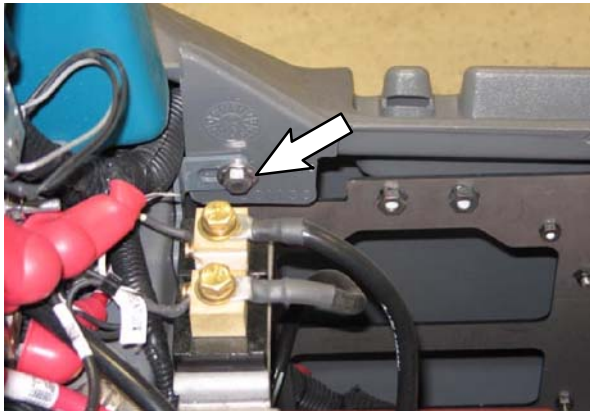


FIG. 1

2. Remove the circuit board cover from the electronic component mounting plate. Set the circuit board cover and all hardware aside. (Fig. 2)

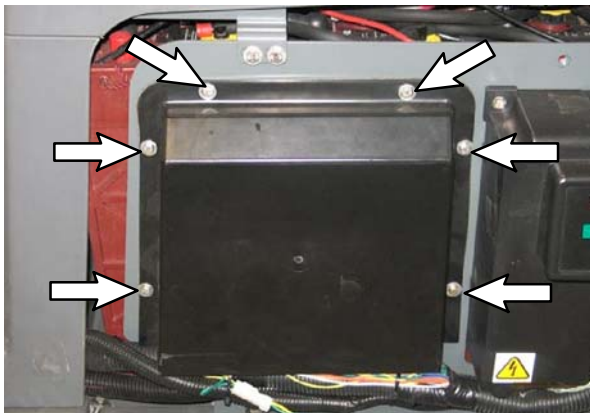


FIG. 2

3. Disconnect the main wire harness from the existing scrub circuit board. Set the P2 / GND and P1 / B+ mounting hardware aside. (Fig. 3)
4. Remove the two M4 pan screws and nylon washers securing the scrub circuit board to the electronic component mounting plate. Set the M4 pan screws and nylon washers aside. (Fig. 3)
5. Remove the scrub circuit board from the four circuit board supports on the electronic component mounting plate. Discard the scrub circuit board. (Fig. 3)
6. Place the new scrub circuit board (1) onto the circuit board supports and use the two M4 pan screws and nylon washers to secure the scrub circuit board to the electronic component mounting plate. (Fig. 3).
7. Reconnect the main wire harness to the scrub circuit board (1). Use an open ended wrench to hold the scrub circuit board standoffs while tightening the M5 and M6 hex nuts. Tighten the M5 hex nut to 36 in lbs (4.0 Nm) and the M6 hex nut to 52 in lbs (5.9 Nm). **Do Not** over tighten either hex nut. (Fig. 3)
8. Reinstall the circuit board cover onto the electronic component mounting plate. (Fig. 2)
9. Reinstall the side cover onto the machine and use the SEMS M8 hex screw to secure the side cover to the machine. (Fig. 1)
10. Start and test the machine. Operate all scrubbing / operation functions to ensure they are operational.

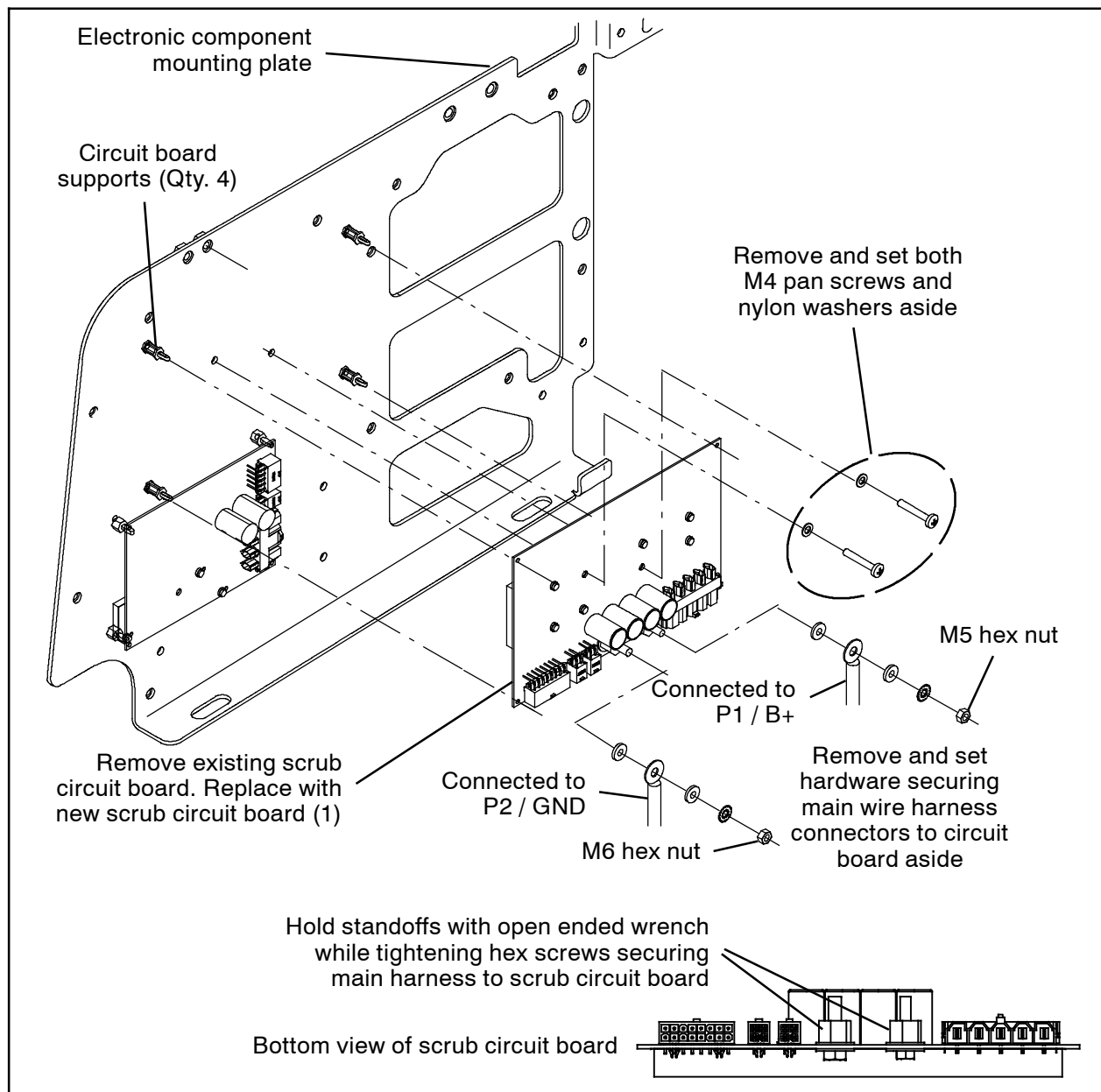


FIG. 3

Bill Of Materials For Circuit Board Kit, Scrub, Afmkt [T12] - 9010931

Ref.	Tennant Part No.	Description	Qty.
▽	9010931	Circuit Board Kit, Scrub, Afmkt [T12]	1
▲ 1	1200743	Circuit Board Assy [Scrub Module]	1

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