



# INSTRUCTION BULLETIN

No. 9012957  
Machine: T17  
Published: 09-2014  
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 9020230**

## SYNOPSIS:

This kit contains the parts needed to replace the side scrub circuit board on the T17 scrubber. Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)



### 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, turn off the machine, set the parking brake, and remove the key.

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

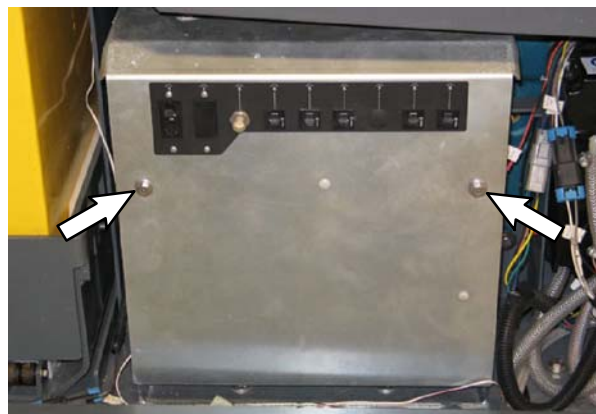
2. Disconnect the battery cable from the machine.

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

3. Open the right shroud to access the electrical box assembly.

## INSTALLATION:

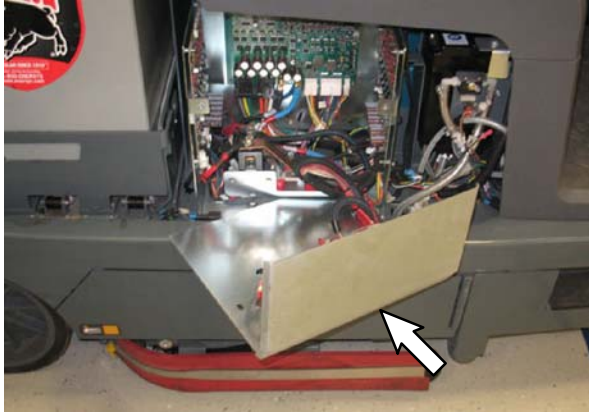
1. Remove the SEMS M6 hex screws securing the electrical enclosure cover to the electrical enclosure. Set the SEMS M6 hex screws aside. (Fig. 1)



**FIG. 1**

*NOTE: To avoid damaging electronic components, the static ground strap (3) must be worn at all times while handling / installing the new side scrub brush circuit board (1) onto the machine. Attach the other end of the static ground strap to the machine chassis.*

2. Carefully remove the electrical enclosure cover from the electrical enclosure and position the electrical enclosure cover out of the way. **Do Not** break or damage wires / wire connections when removing the electrical enclosure cover from the electrical enclosure. (Fig. 1 / Fig. 2)



**FIG. 2**

3. Disconnect the main wire harness connectors from the existing side scrub circuit board. (Fig. 3)
4. Remove both M4 pan screws and nylon washers securing the side scrub circuit board to the electrical enclosure. Set the M4 pan screws and nylon washers aside. (Fig. 3)
5. Remove the side scrub circuit board from the four plastic stand-offs on the electrical enclosure. Discard the side scrub circuit board. (Fig. 3)
6. Remove the four plastic stand-offs from the electrical enclosure. Discard the plastic stand-offs. (Fig. 3)
7. Install the four new plastic stand-offs (2) where the old plastic stand-offs were previously located. (Fig. 3)
8. Place the new side scrub circuit board (1) onto the plastic stand-offs (2) and use the M4 pan screws and nylon washers to secure the side scrub circuit board to the electrical enclosure. (Fig. 3).
9. Connect the main wire harness connectors to the side scrub circuit board (1). (Fig. 3)
10. Reinstall the electrical enclosure cover onto the electrical enclosure. (Fig. 1)
11. Reconnect the battery cable to the machine.
12. Close the right shroud.
13. Start and test the machine. Operate all scrubbing functions to ensure all side brush modes / systems are functional.

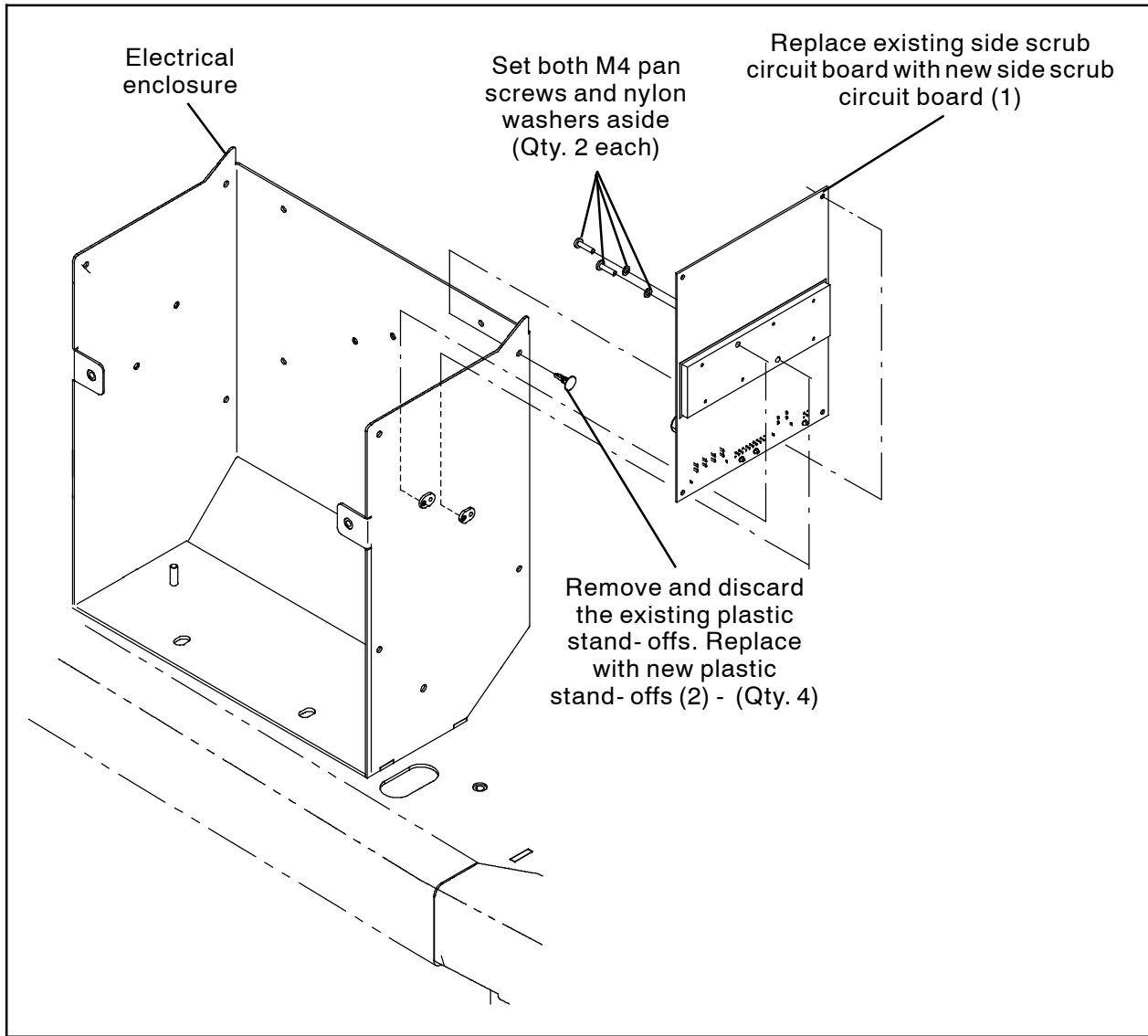


FIG. 3

Bill Of Materials For Circuit Board Kit, SBA, Afmkt - 9020230

Ref.	Tennant Part No.	Description	Qty.
▽	9020230	Circuit Board Kit, SBA, Afmkt	1
▲	1 1207291	Circuit Board Assy, Side Scrub [T17]	1
▲	2 1210399	Stand- Off, Circuit Board [0.25"]	4
▲	3 27964	Strap, Ground, Static, Disposable	1

TENNANT COMPANY  
P. O. Box 1452  
Minneapolis, MN 55440-1452