



INSTRUCTION BULLETIN

No. 9015109
Machine: M17
Published: 10-2016
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 9015047**

SYNOPSIS:

This kit contains the parts needed to replace the sweeping circuit board on M17 sweeper-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, used machine components such as batteries and fluids in an environmentally safe way according to local waste disposal regulations.



Always remember to recycle.

PREPARATION:

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

1. Disconnect the battery cable from the machine.



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

INSTALLATION:

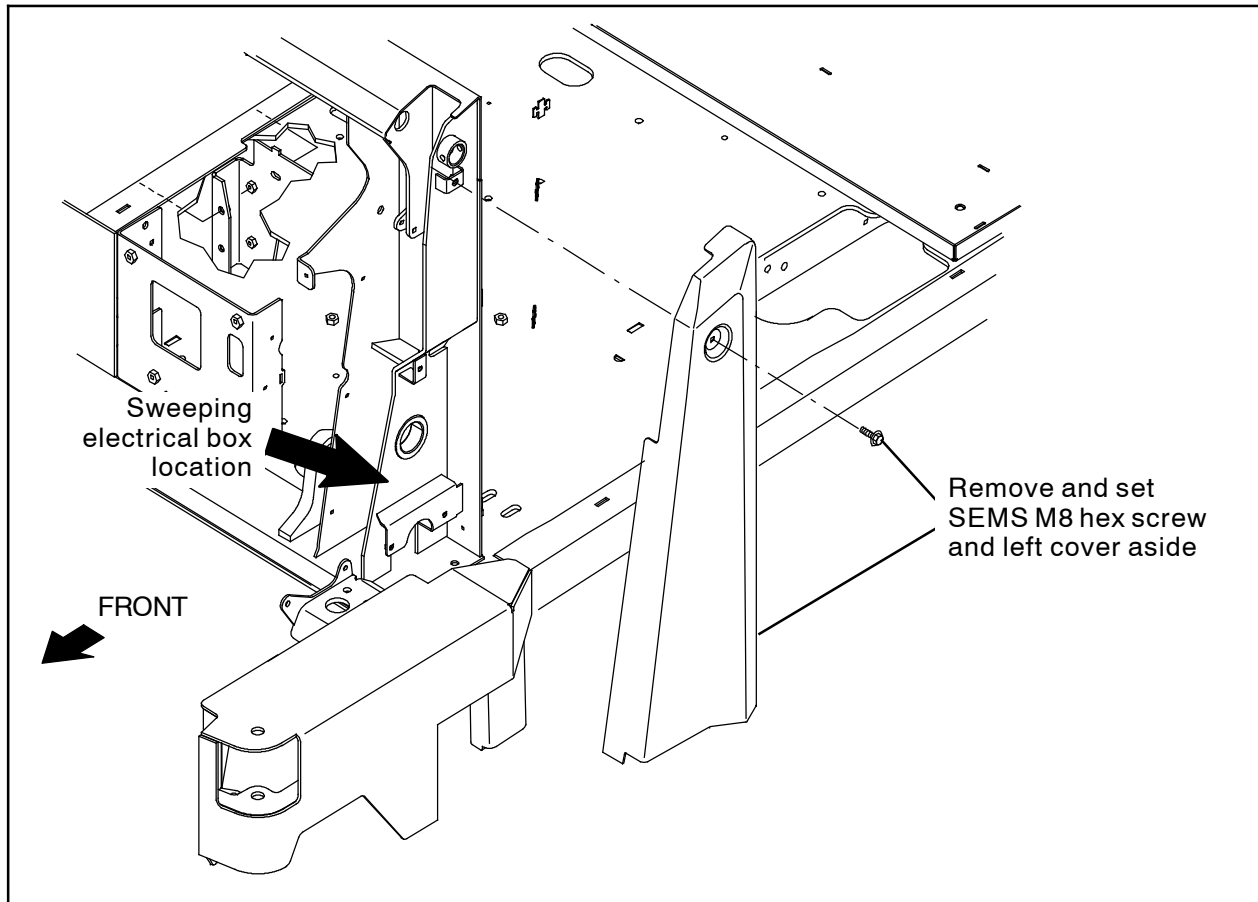


FIG. 1

1. Remove the left cover from the machine to access the sweeping electrical box. Set the cover and the SEMS M8 hex screw aside. (Fig. 1)

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

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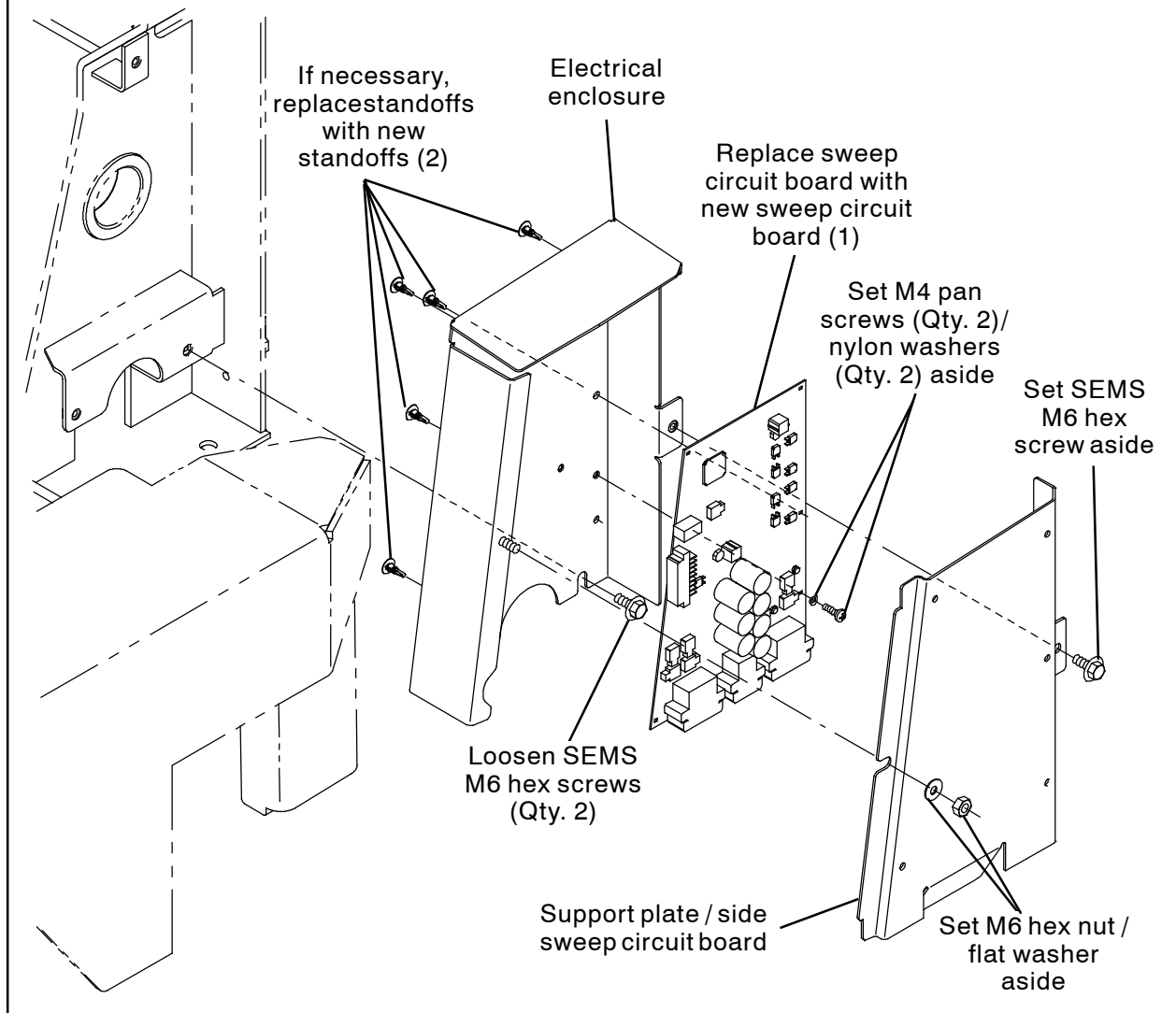


FIG. 2

2. Remove the SEMS M6 hex screw, M6 hex nut, and flat washer securing the support plate / side sweep circuit board to the electrical enclosure. Set removed hardware aside. (Fig. 2)
3. Carefully remove the support plate / side sweep circuit board from the electrical enclosure and place support plate / side sweep circuit board out of the way. **Do Not** break electrical connections when removing the support plate / side sweep circuit board from the electrical enclosure. (Fig. 2)
4. Disconnect all harness connections from the sweep circuit board. (Fig. 2)
5. Remove both M4 pan screws and nylon washers securing the sweep circuit board to the electrical enclosure. Set removed hardware aside. (Fig. 2)
6. Remove the sweep circuit board from the electrical enclosure. Discard the sweep circuit board. (Fig. 2)
7. If necessary, replace the broken standoffs in the electrical enclosure with new standoffs (2). Loosen both SEMS M6 hex screws securing the electrical enclosure to the machine to access the standoffs. (Fig. 2)

8. If the electrical enclosure was loosened to replace standoffs, reposition the electrical enclosure onto the SEMS M6 hex screws and tighten the SEMS M6 hex screws to secure the electrical enclosure to the machine. (Fig. 2)
9. Connect the main wire harness connectors to the sweep circuit board (1)
10. Place the sweep circuit board (1) onto the plastic standoffs (2) and use the two M4 pan screws and nylon washers to secure the sweep circuit board to the electrical enclosure. To prevent damaging the sweep circuit board, **Do Not** over tighten the M4 pan screws. (Fig. 2)
11. Reinstall the support plate / side sweep circuit board onto the electrical enclosure. (Fig. 2)
12. Reinstall the left cover onto the machine. (Fig. 1)
13. Reconnect the battery cable to the machine.
14. Start and test the machine. Place the machine into the sweep mode and operate the machine to ensure the sweeping system is functional.

Bill Of Materials For Circuit Board Kit, Swp, Main, Afmkt [M17] - 9015047

Ref.	Tennant Part No.	Description	Qty.
1	1218382	Circuit Board Assy [M17, Main Sweep]	1
2	1210399	Stand- Off, Circuit Board [0.25"]	5
3	27964	Strap, Ground, Static, Disposable	1

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