



INSTRUCTION BULLETIN

No. 9015268
Machine: M17
Published: 11-2016
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.

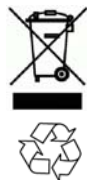
Installation instructions for **kit number 9015386**

SYNOPSIS:

This kit contains the parts needed to install a vacuum fan harness kit on M17 sweeper-scrubbers (machines serial numbers below M17- 10271).
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, and remove key.

1. Remove the hopper cover from the machine. Set the hopper cover aside.
2. Remove the hopper filter cover from the filter box. Set the hopper filter cover aside.

INSTALLATION:

1. Completely raise the hopper, turn off the machine, position the hopper support bar onto the support bar stop, turn on the machine, and slowly lower the hopper until the hopper support bar rests on the support bar stop.



WARNING: Lift arm pinch point. Stay clear of hopper lift arms.



WARNING: Raised hopper may fall. Engage hopper support bar.

2. Drill a 9/32 in. (7.14 mm) hole into the frame of the machine. (Fig. 1)

NOTE: Prior to installing the static ground harness (1), use a clean cloth and alcohol to clean locations where the static ground harness (1) will be connected to eliminate potential non-conductive barriers (dust / dirt).

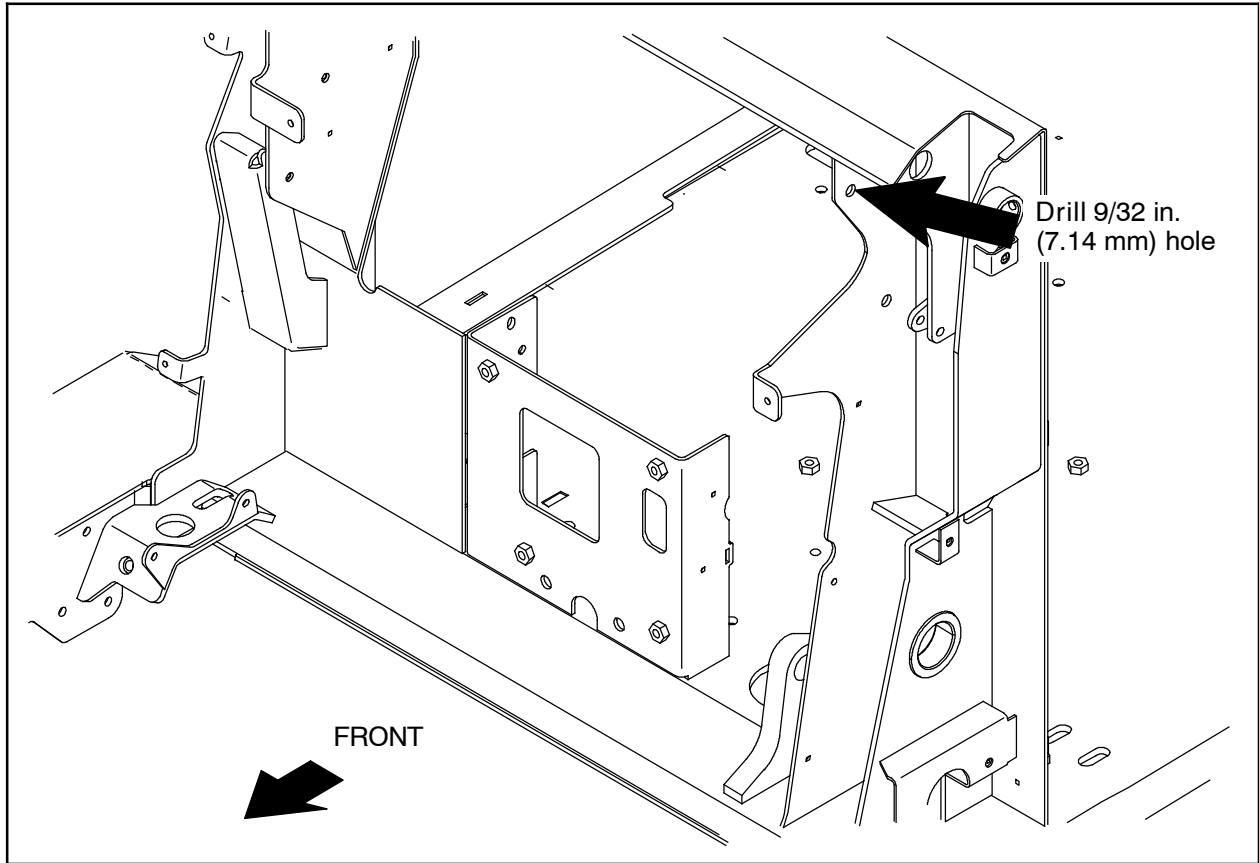


FIG. 1

3. Use the M8 thread roller hex screw (2) and lock washer (3) to connect static ground harness (1) lead 105 to the hole drilled into the frame of the machine in the previous step. (Fig. 1 / Fig. 2 / Fig. 9)

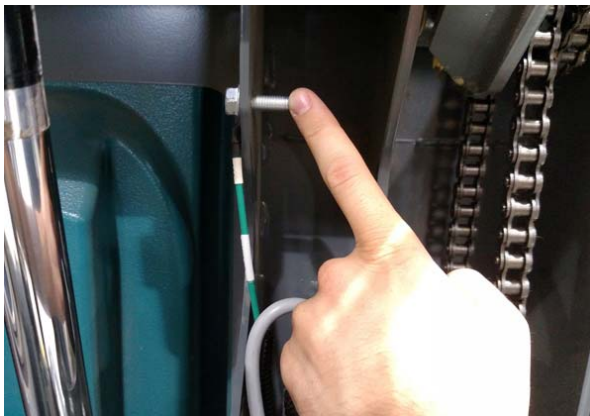


FIG. 2

4. Turn on the machine, raise the hopper, return the hopper support bar to the storage location, completely lower the hopper, and turn off the machine.

5. Disconnect the battery cable from the machine.

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

6. Use the M8 hex screw and flat washer located on the fan bracket to connect static ground harness (1) lead 105B to the fan mounting bracket. (Fig. 3 / Fig. 9)



FIG. 3

- Use the M6 hex screw and flat washer securing vacuum fan #1 to the fan mounting bracket to connect static ground harness (1) lead 105D to vacuum fan #1.(Fig. 4 / Fig. 8).



FIG. 4

- Remove the existing fan guard plate from the filter box. Set the pan screws aside. Discard the fan guard plate. (Fig. 5)

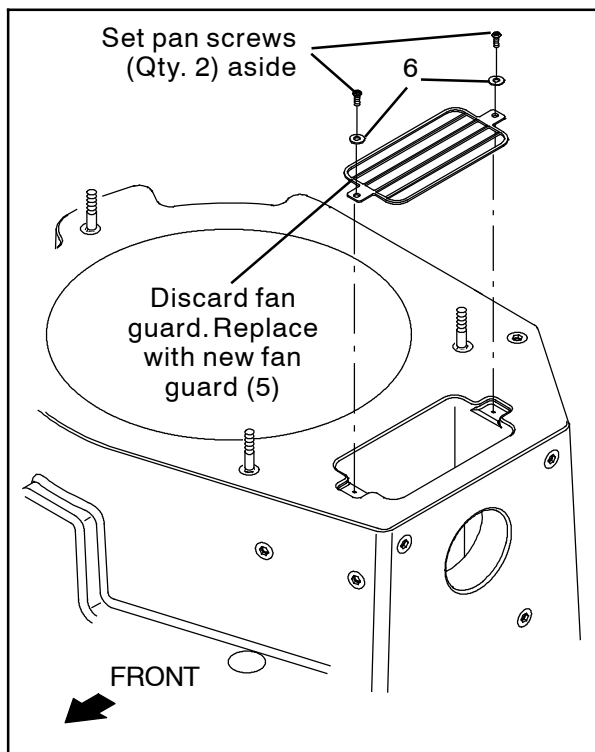


FIG. 5

- Use one saved pan screw and one flat washer (6) to install the new fan guard plate (5) into the fan guard plate hole located at the front of the filter box. (Fig. 5)

- Use the remaining pan screw and one flat washer (6) to secure the fan guard plate (5) and connect the static ground harness (1) lead 105C into the fan guard plate hole located at the rear of the filter box. (Fig. 6 / Fig. 9)

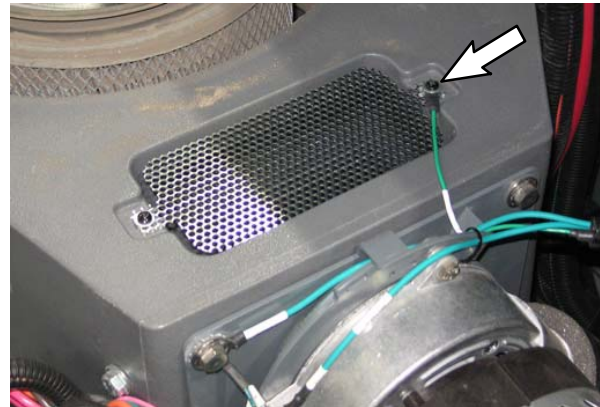


FIG. 6

- Machines with optional lower vacuum fan #2 only:** Use the M6 hex screw and flat washer securing optional vacuum fan #2 motor to the hopper to connect static ground harness (1) lead 105A to vacuum fan #2. (Fig. 7 / Fig. 9)



FIG. 7

Machines without optional lower vacuum fan #2 only: To prevent the loose lead 105A from moving around, use a cable tie to secure the loose lead to the static ground harness (1) lead 105D connected to vacuum fan #1.

12. Use a cable tie (4) to secure the static ground harness (1) to the main wire harness. (Fig. 8)



FIG. 8

13. Reinstall the hopper filter cover onto the filter box.

14. Reconnect the battery cable to the machine.

15. Reconnect the battery cable to the machine.

16. Start and test the machine.

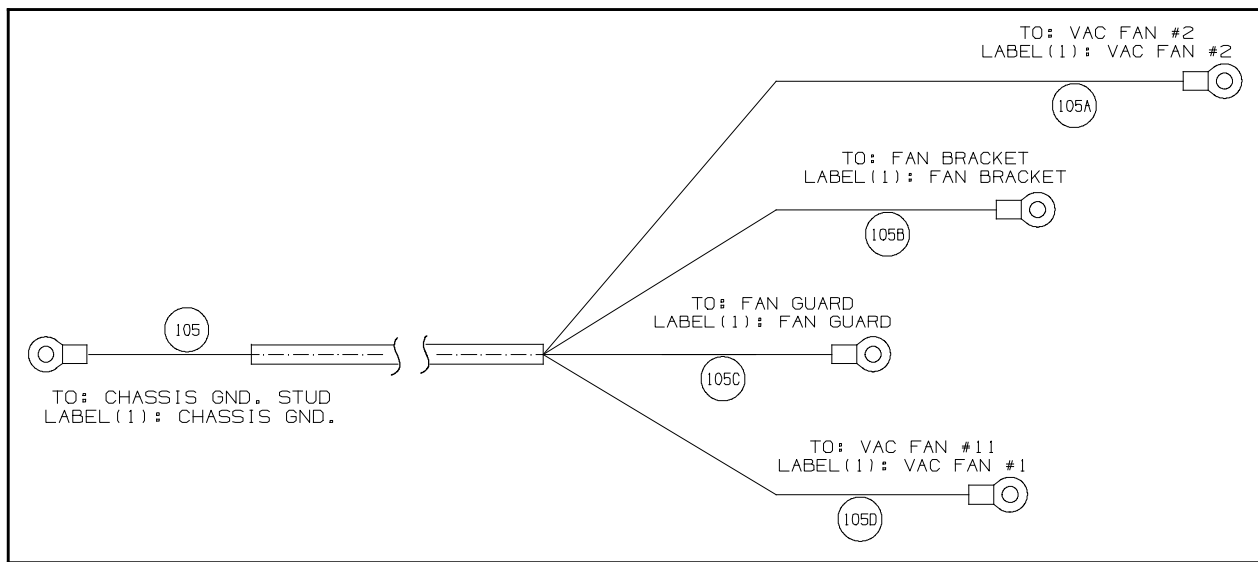


FIG. 9

Bill Of Materials For Harness Kit, Vac Fan, Afmkt [Static Gnd] - 9015386

Ref.	Tennant Part No.	Description	Qty.
1	1075452	Harness, Ele [Static Gnd., M17]	1
2	763045	Screw, Hex, M8 X 1.25 X 20, Fmg	1
3	41141	Washer, Lock, Int-Ext, 0.31	1
4	763114	Tie, Cable, 11.3L, 2.75D Max	1
5	1218371	Plate, Guard, Fan	1
6	19065	Washer, Flat, 0.19B 0.44D .05, PL, 08	2

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