



# Technical Service Bulletin

**MODEL(S)  
AFFECTED:** **M17**

**SUBJECT:** Vacuum fan(s) turning off after a few minutes of operation. Error code 520 (static discharge interfering with vacuum fan operation) appears in the display when the vacuum fan(s) stop operating.

**PURPOSE:** Update machines to eliminate problems causing error code 520 to occur.

**NOTES:**

1. Check sweep board revision number. The sweep board should be labeled revision 01. Machines above serial number M17- 10293 already have this circuit board installed. Replace sweep board if it is labeled revision 00 (machines serial numbers below M17- 10293). (Fig. 1 / Fig. 2)  
If a new Sweep Board is required, order Circuit Board Kit, Swp, Side, Afmkt [M17] - Kit Number 9015048. The IB for this kit is IB 9015110.
2. Use Service Diagnostic Tool to check software revision. If necessary, update to latest software revision.
3. Check if vacuum fan static harness / fan guard are installed. Machines above serial number M17- 10271 already have the vacuum fan static harness / fan guard installed. Install vacuum fan static harness kit onto machines serial numbers below M17- 10271. (Fig. 3)

*Note: Machines serial numbers M17- 10240 through M17- 10271 may have an incorrectly installed static harness. If this harness is installed, and is not connected directly to a thread roller in the frame (connected to the hopper down switch bracket instead), it should be replaced.*

If a vacuum fan static harness / fan guard are required, order Harness Kit, Vac Fan, Afmkt [Static Ground] - Kit Number 9015386. The IB for this kit is IB ~~9015386~~ **9015268**

Questions, contact the Tennant Customer Service Department at (800) 553- 8033 or (763) 513- 2850.

**Warranty Information:** Standard terms apply.



FIG. 1 - Sweep Circuit Board Located Inside Electrical Enclosure On Electrical Enclosure Cover



FIG. 2 - Sweep Circuit Board Revision Number Location

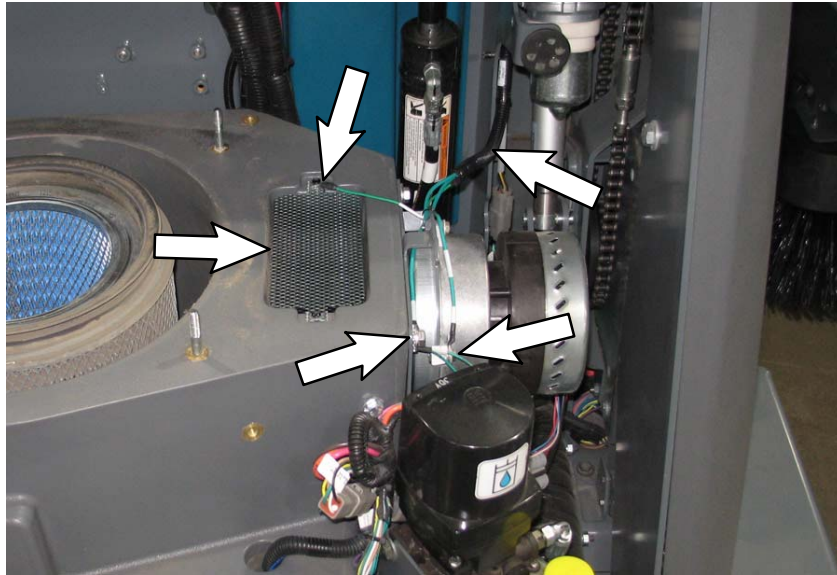


FIG. 3 - Harness, Ele [Static Gnd, M17] / Plate, Fan, Guard