



# INSTRUCTION BULLETIN

No. 340585  
Machine: 8300  
Published: 05-2005  
Rev. 01

**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 375213**

## DESCRIPTION:

This kit contains the parts needed to replace the hopper filter on 8300 sweeper/scrubbers.  
Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated time to complete: 1/2 hour)

## PREPARATION:

1. Park the machine on a clean level surface.
2. Turn off the machine, remove the key, and set the parking brake.

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

3. Disconnect the battery cables from the batteries.



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

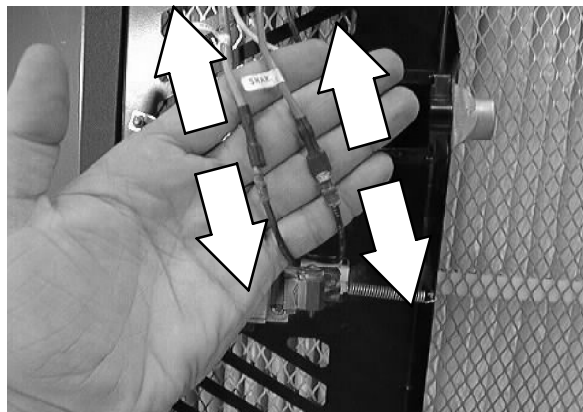
## INSTALLATION:

1. Unlatch and remove the hopper cover from the machine. Refer to Fig. 1.



**FIG. 1**

2. Unplug the filter shaker from the main harness. Refer to Fig. 2.



**FIG. 2**

*NOTE: Carefully pull the wires from the bodies of the plugs. Do not unplug the connections from the shaking mechanism. Do not pull on the wires. Damage could occur to the wires or the shaking mechanism.*

3. Lift the dust filter element from the hopper. Refer to Fig. 3.

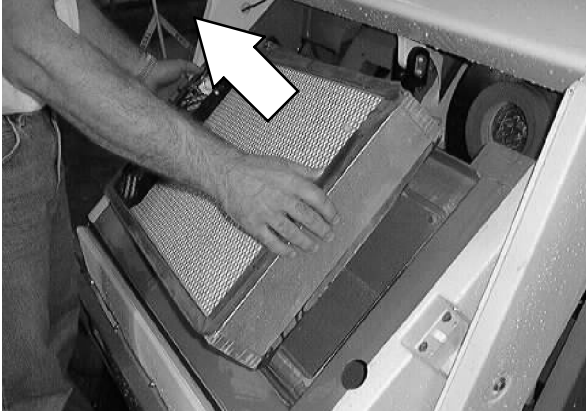


FIG. 3

4. Cut any cables ties securing the VCS™ system filter shaker to the filter and lift the VCS system filter shaker off the filter. Refer to Fig. 4.

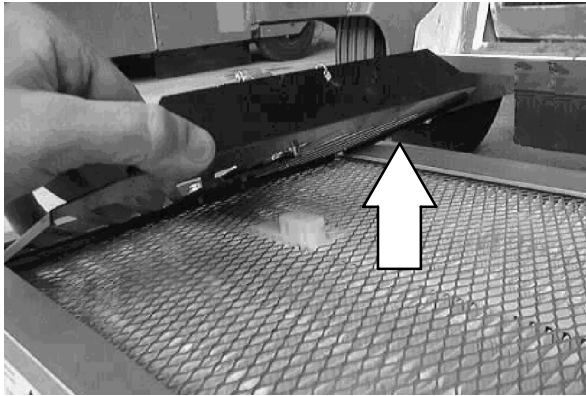


FIG. 4

5. If necessary, clean or discard the Instant Access™ filter.
6. Place the VCS™ system filter shaker onto the filter. Take care to correctly insert the shaking pin into the filter comb. Refer to Fig. 5.

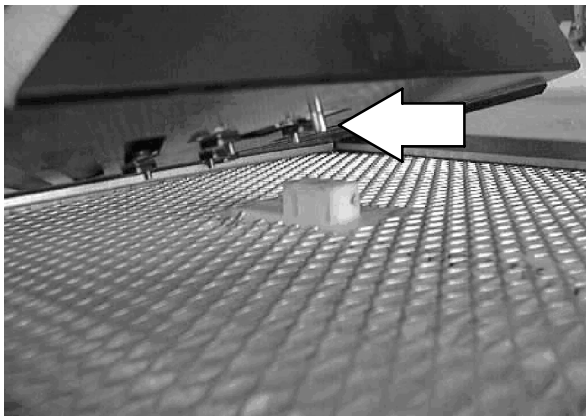


FIG. 5

7. Place the edges of the shaker firmly between the filter and the filter seal. Use cable ties to secure the VCS system filter shaker to the filter. Refer to Fig. 6.

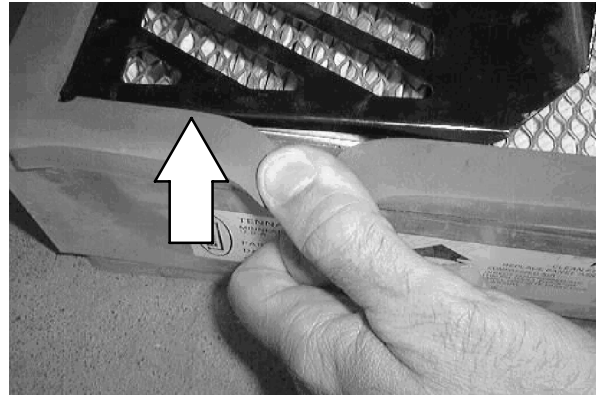


FIG. 6

*NOTE: When installed properly, the shaker plate should not move in either front to back or side to side directions. The shaker will not function properly if it is loose.*

8. The filter shaker should lay flat against the filter. Ensure the comb tab is not caught below the filter shaker plate. Refer to Fig. 7.

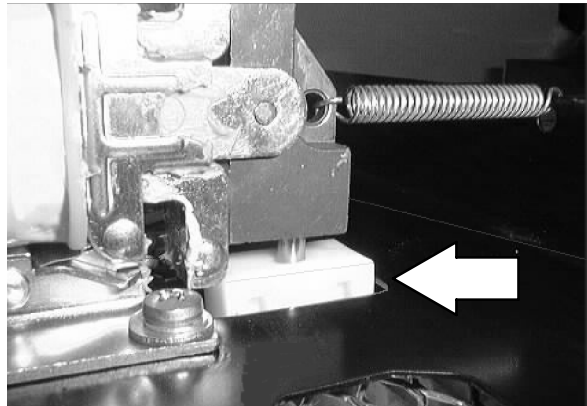
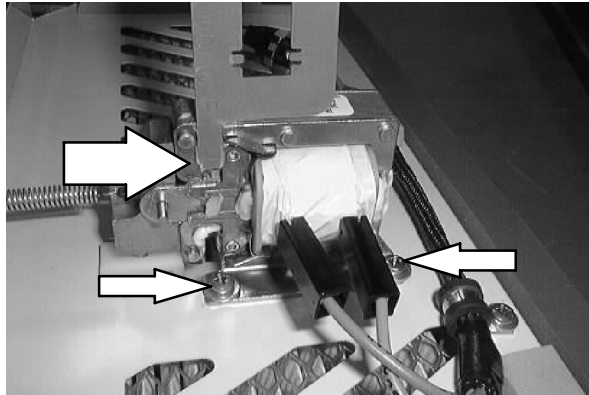


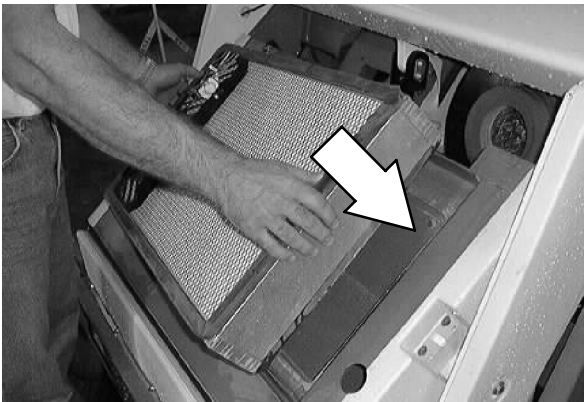
FIG. 7

9. Use the end of the shipping tab to check the shaker solenoid gap. The gap should be the width of the tab. If it is not, loosen the mounting screws, reposition the shaker solenoid to adjust the gap, and retighten the mounting screws. Refer to Fig. 8.



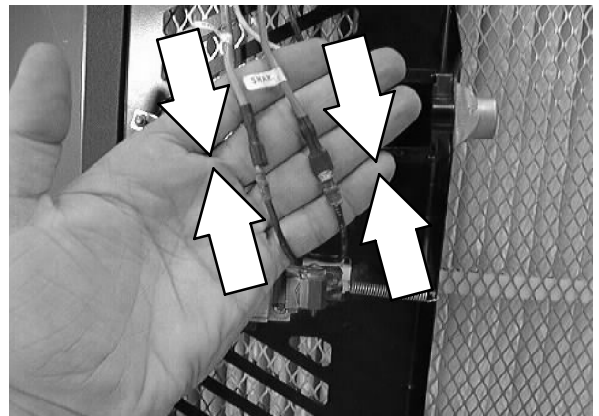
**FIG. 8**

10. Reinstall the filter into the machine. Use two new cable ties (3) to secure the VCS system filter shaker to the filter. Refer to Fig. 9.



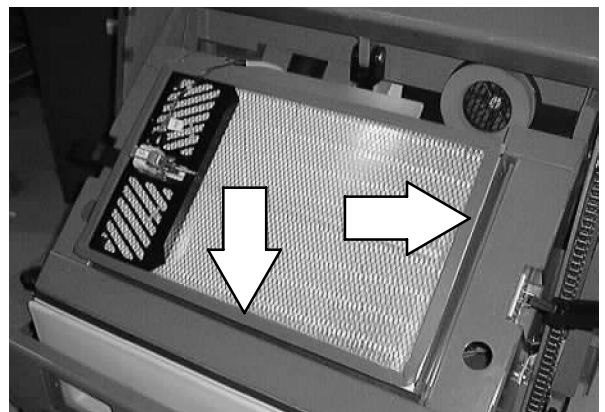
**FIG. 9**

11. Reconnect the main harness to the shaker mechanism. Refer to Fig. 10.



**FIG. 10**

12. Check the dust filter seals. Refer to Fig. 11.



**FIG. 11**

13. Reinstall hopper cover onto the machine.
14. Reconnect the battery cables to the batteries.
15. Test the machine to ensure the hopper functions properly.

#### Bill of Materials for Filter, Pkg, Dust, Panl, 81PLTS-375213

Ref.	TENNANT Part No.	Description	Qty.
1	375183	Filter, Dust, Panl, 4.1 X 16.0 X 26.0, 81PLTS	1
2	49266	Tie, Cable, Nylon, 07.3L, 0.19W, 1.8 Max D	2

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