



# INSTRUCTION BULLETIN

No. 340822  
Machine: 5700XP  
Published: 07-2015  
Rev. 03

**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.*

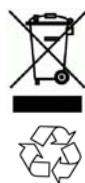
Installation instructions for **kit number 9002999**

## SYNOPSIS:

This kit contains the parts needed to install a static ground system kit on 5700XP machines (**ONLY** machines serial numbers below 25635 manufactured prior to June 23, 2006. Machines serial numbers 25635 and above manufactured after June 23, 2006 already have this kit installed). 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, remove the key, and set the parking brake (if machine is equipped with an optional parking brake).

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

2. Disconnect negative battery cables from the batteries.

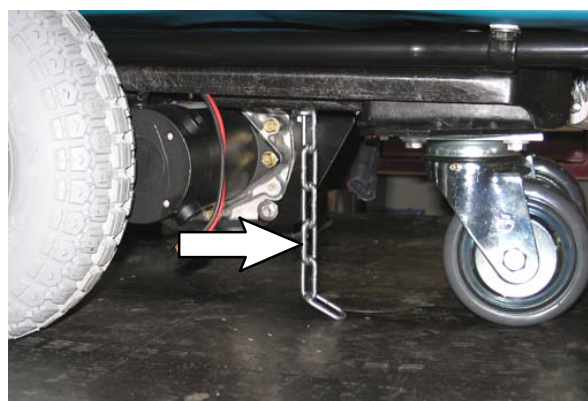


**WARNING: Always disconnect battery cables from machine before working on electrical components.**

3. Remove the front cover from the machine. Set the cover aside.

## INSTALLATION:

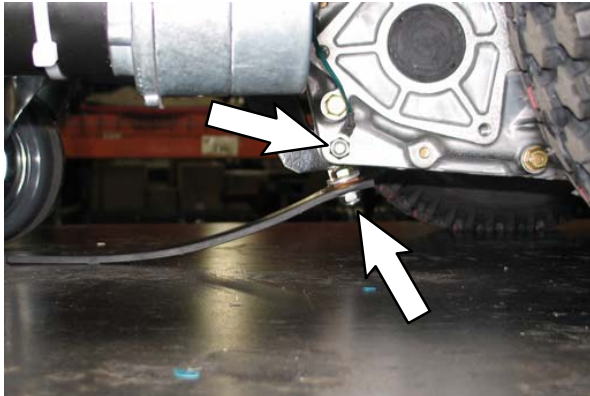
1. Cut the existing static chain from the machine or use a cable tie (8) to secure the chain to the frame so the chain does not touch the floor. Discard the chain if it was cut from the machine. (Fig. 1)



**FIG. 1**

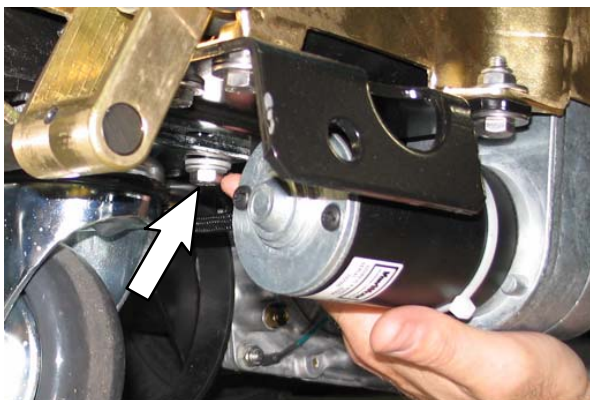
2. Cut the new static ground strap (3) so it is approximately 7" in length.

3. Use a hex screw (6), two flat washers (5), and a hex nyloc nut (7) to install the static ground strap (2) onto the strap mounting bracket (4). (Fig. 2)



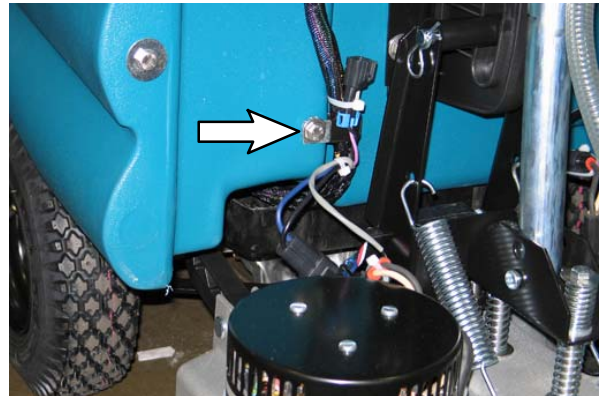
**FIG. 2**

4. Remove the lowest rear hex screw from the transaxle. Set the hex screw and other hardware aside. (Fig. 2)
5. Install static ground harness (1) wire G4 and one flat washer (3) onto the hex screw removed from the transaxle. (Fig. 2)
6. Use the hex screw (with items installed in the previous step still installed) and hardware removed from the transaxle to install the strap mounting bracket (4)/static ground strap (2) onto the transaxle. (Fig. 2)
7. Use the front right hex screw securing the right rear caster wheel to the machine and a flat washer (3) to connect the static ground harness (1) wire G6 to the caster wheel bracket. (Fig. 3 / Fig. 11)



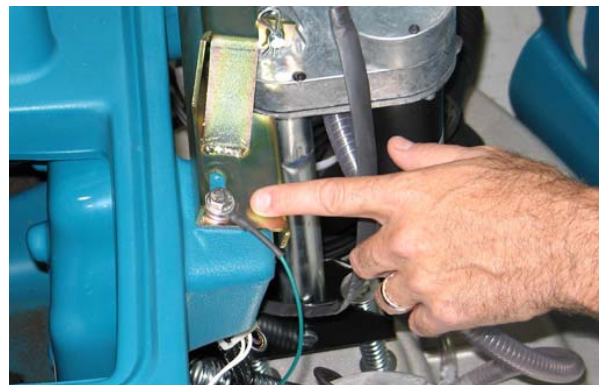
**FIG. 3**

8. Use a cable tie (8) to secure the static ground harness (1) to the frame of the machine in front of the squeegee actuator.
9. Route static ground harness (1) wires G1 and G2 over the axle and toward the front of the machine. Continue routing the static ground harness along the main harness, through the machine frame, and through the clamp near the recovery tank float switches. Use cable ties (8) to secure the static ground harness to the main harness. (Fig. 4)



**FIG. 4**

10. Use the upper right hex screw securing the scrub head actuator bracket to the machine and a flat washer (3) to connect static ground harness (1) wire G2 to the scrub head actuator bracket. (Fig. 5 / Fig. 11)



**FIG. 5**

11. **Standard Disk Machines Only:** Use the pan screw located on top of the scrub motor cover and a flat washer (3) to connect static ground harness (1) wire G1 to the scrub motor cover. (Fig. 6 / Fig. 11)

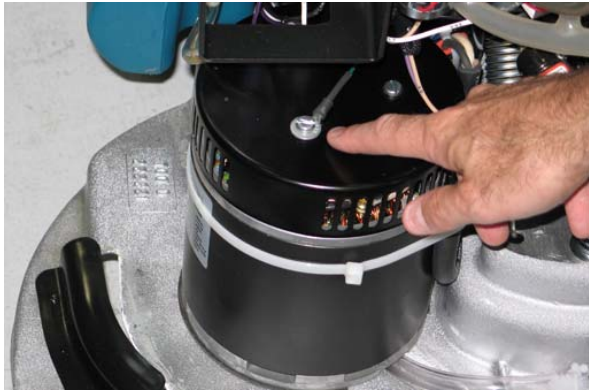


FIG. 6

**Heavy Duty Disk Machines Only:** Use a scrub motor mounting hex screw and a flat washer (3) to connect static ground harness (1) wire G1 to the scrub motor adapter. (Fig. 7 / Fig. 11)



FIG. 7

**Cylindrical Machines Only:** Use a hex screw from the motor mounting bracket and a flat washer (3) to connect static ground harness (1) wire G1 to the motor mounting bracket. (Fig. 8 / Fig. 11)

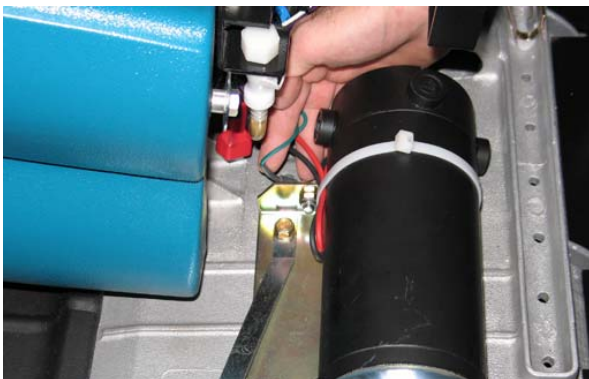


FIG. 8

12. Route static ground harness (1) wire G5 over the squeegee actuator bracket and to the rear panel at the back of the machine. Pull all slack toward the back of the machine. Use cable ties (8) to secure the G5 wire to the existing harness routed up into the electrical panel.

13. Remove the two hex screws and washers from the rear panel and pull the rear panel open. Set the hardware aside. (Fig. 9)



FIG. 9

14. Use the top hex screw securing the brush motor connector in place and a flat washer (3) to connect static ground harness (1) wire G5 to the machine. (Fig. 10 / Fig. 11)

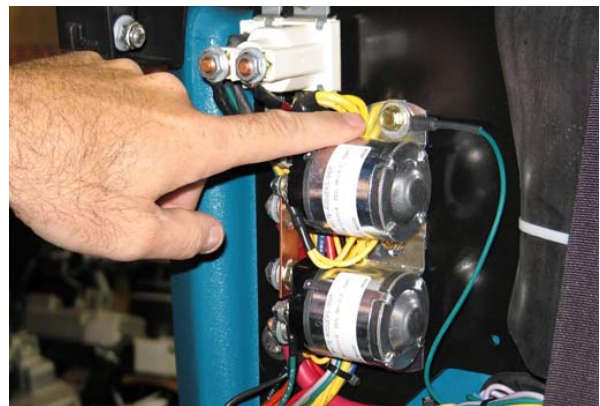


FIG. 10

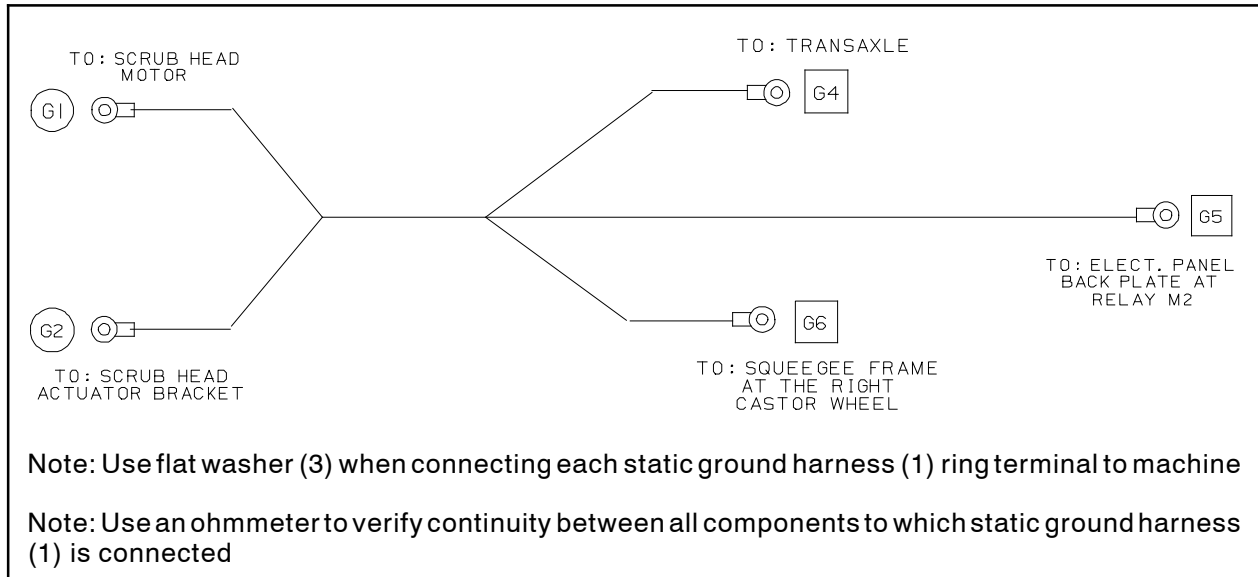
15. Reinstall the rear panel onto the machine. (Fig. 10)

16. Use an ohmmeter to verify the continuity between the scrub head actuator, scrub head, transaxle, squeegee frame, and electrical panel rear plate (the five major components to which the static ground harness (1) is attached). (Fig 11)

18. Reinstall the front cover onto the machine.

19. Start and test the machine to ensure all systems function properly.

17. Reconnect the battery cables to the batteries.



**FIG. 11**

**Bill of Materials for Ground Kit, Modif, CI [5700XP] - 9002999**

	Ref.	Tennant Part No.	Description	Qty.
▽		9002999	Ground Kit, Modif, CI [5700XP]	1
▲	1	1034036	Harness, [5700XP Static Ground]	1
▲	2	71579	Strap, Static, w/Grommet, .19 1.1W 25.0L	1
▲	3	39349	Washer, Flat, 0.31, SAE	5
▲	4	1034142	Bracket, Mtg, Strap, [Static Ground]	1
▲	5	01685	Washer, Flat, 0.31, SS	3
▲	6	09740	Screw, Hex, M8 X 1.25 X 20, SS	1
▲	7	08713	Nut, Hex, Lock, M8 X 1.25, NL, SS	3
▲	8	130040	Tie, Cable, Nyl, 06.0L .12W	12
▲	9	222505	Screw, Hex, M8 X 1.25 X 45, SS	1

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