



# INSTRUCTION BULLETIN

No. 340493  
Machine: 7300,8300  
Published: 7-01/00  
System: ELECTRICAL

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you 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 387584

## **SYNOPSIS / PROBLEM:**

This kit contains the parts needed to repair the touch panel on the model 7300 scrubber and 8300 sweeper/scrubber.

Please follow step-by-step instructions.

## **SPECIAL TOOLS / CONSIDERATIONS: NONE**

(Estimated time to complete: 1 hour)

## **PREPARATION:**

(Refer to FIG. 1)

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

## **7300/8300 TOUCH PANEL/CIRCUIT BOARD MOISTURE/CORROSION INSPECTION:**

**FIELD ENGINEERING REPORT DETAILS:** The possibility exists for water or moisture to wick itself between the touch panel material layers. This can cause traces on the touch panel to corrode and short the backlighting and digital system circuits. The circuit board could also be damaged.

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

1. Disconnect battery cables from machine.



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

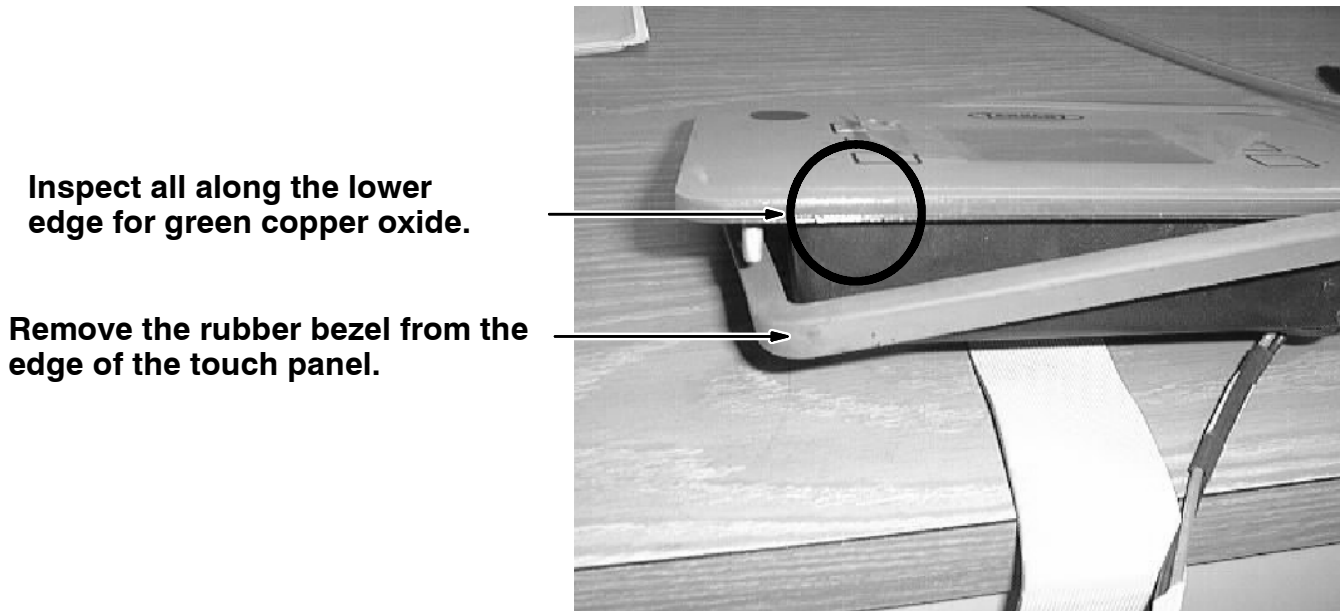
2. Remove the touch panel from the machine instrument panel housing and remove the surrounding rubber bezel. (Refer to FIG. 1)
3. Inspect the outside edge of the touch panel assembly for green copper oxide formations. Replace the touch panel assembly if excessive corrosion is found. (Refer to FIG. 1)
4. If the touch panel assembly does not need to be replaced, add silicone (TENNANT PN# 86385) to the lower outside perimeter of the touch panel.
5. Clean out the inside channel of the bezel, and attach the bezel to the touch panel assembly. Wipe any exposed silicone from the assembly surfaces.

6. Check that the switch plugs did not pull away from switches, before reinstalling touch panel. Reconnect the touch panel and the battery cables to the machine.
7. Check the machine functions, and run the self test.

**NOTE:** If excessive corrosion is found, and a new panel needs to be ordered, the machine could be kept operational by disconnecting and taping 210RA wire from the backlighting touch panel circuit (backlighting will be inoperative). This will also prevent damage to the circuit board while waiting for a new touch panel to be installed.

**NOTE:** If replacing the touch panel, make sure the new panel edge is treated with a coating before installing.

**PARTS ORDERING INSTRUCTIONS:** All touch panels have been pulled from inventory to have a special coating applied to them. Replacement touch panels should be in inventory by 02/21/01. The model 7300 touch panel assembly is part #386315. The 8300 touch panel assembly is part #386301. At this time, the part numbers will remain the same.



**FIG. 1 - CONTROL PANEL INSPECTION**

**BILL OF MATERIALS FOR TOUCH PANEL REPAIR KIT, 387584**

| Ref. | TENNANT<br>Part No. | Description                           | Qty. |
|------|---------------------|---------------------------------------|------|
| 1    | 86385               | Sealant, silicone, [type 25], 1.0 OZ. | 1    |

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