



INSTRUCTION BULLETIN

No. 3713
Machine: 5700 STD.
Published: 4-95/00
System: SCRUBBING

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 222110

SYNOPSIS / PROBLEM:

This kit contains the parts needed to replace the scrub head lift actuator on the machine listed above. 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.

1. Lower the scrub head to the floor. Turn off the machine and remove the key.
2. Drain the solution from the solution tank. Raise the solution tank and engage the safety arm.
3. Disconnect the negative battery cable from the battery nearest the back of the machine before servicing any electrical components. (Refer to FIG. 1)

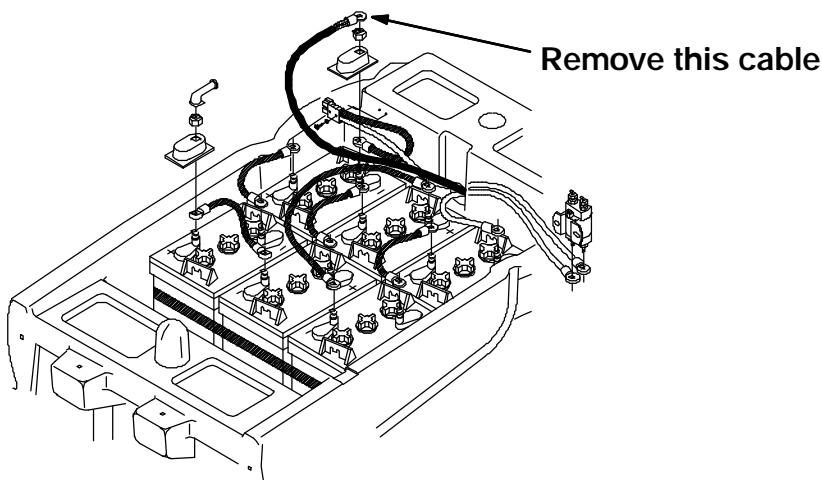


FIG. 1 - Battery Cable Disconnect



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

ACTUATOR REMOVAL:

(Refer to FIG. 2)

1. Remove the four plastic knobs holding the front cover to the machine. Remove the cover.
2. Unplug the scrub head lift actuator from the main harness.
3. Remove the cotter pin and the clevis pin from the bottom of the actuator tube.
(Refer to Fig. 2)

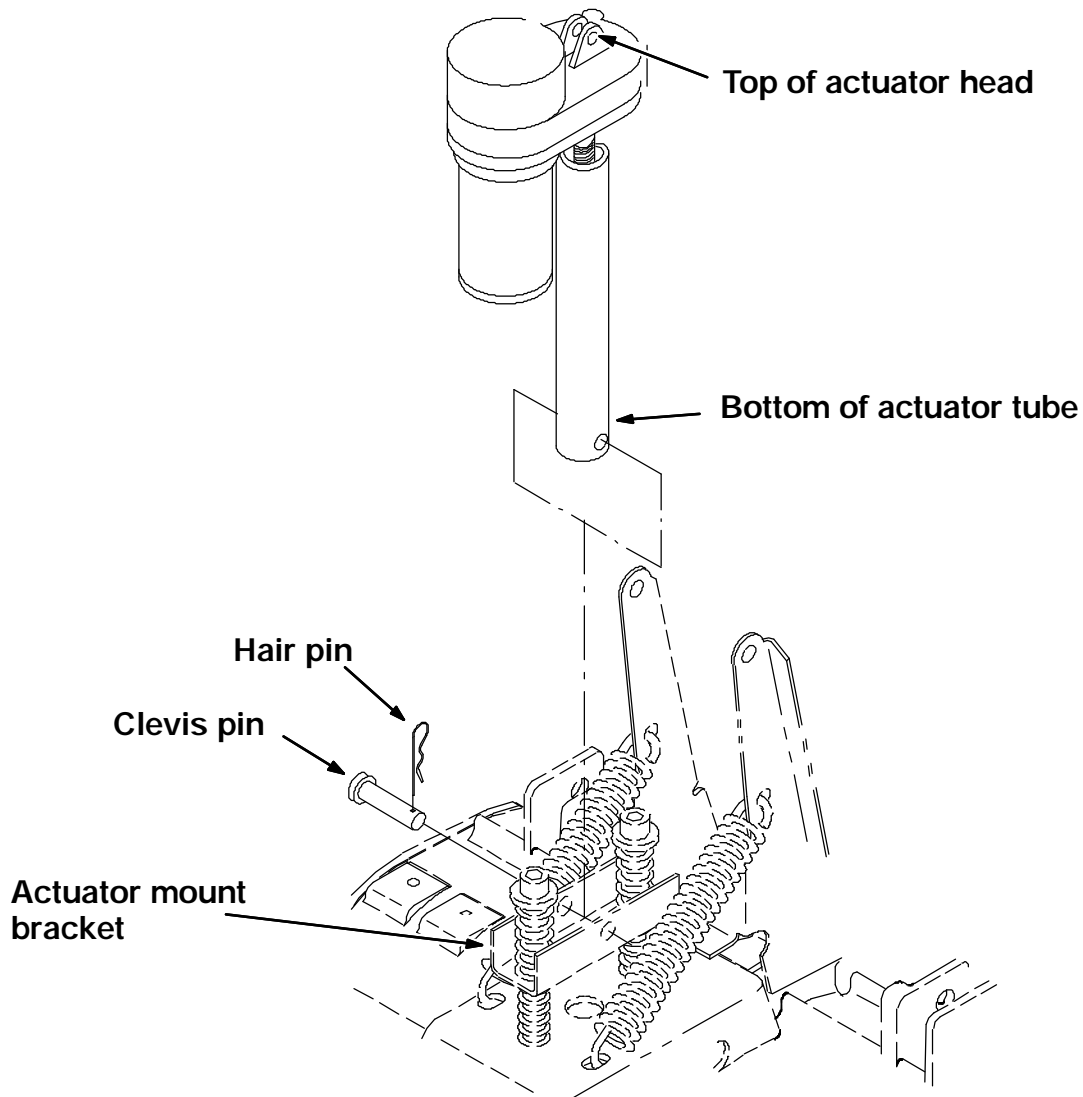


FIG. 2 - Actuator Tube, Cotter And Clevis Pins

4. Remove the cotter pin and the clevis pin from the top of the actuator head.
(Refer to Fig. 2)
5. Remove the actuator from the machine.

INSTALLATION:

(Refer to FIG. 1, 2, and 3)

1. Place the new actuator in the upper mount bracket and install the clevis pin and hair pin. (Refer to Fig. 2)
2. Connect the new actuator (1) to the main harness.
3. Align the mounting hole in the bottom of the actuator tube with the hole in the scrub head actuator mount bracket. Install the clevis and hair pin. (Refer to Fig. 2)
4. Reconnect the negative cable to the far back battery. Turn the machine on. (Refer to Fig. 1)

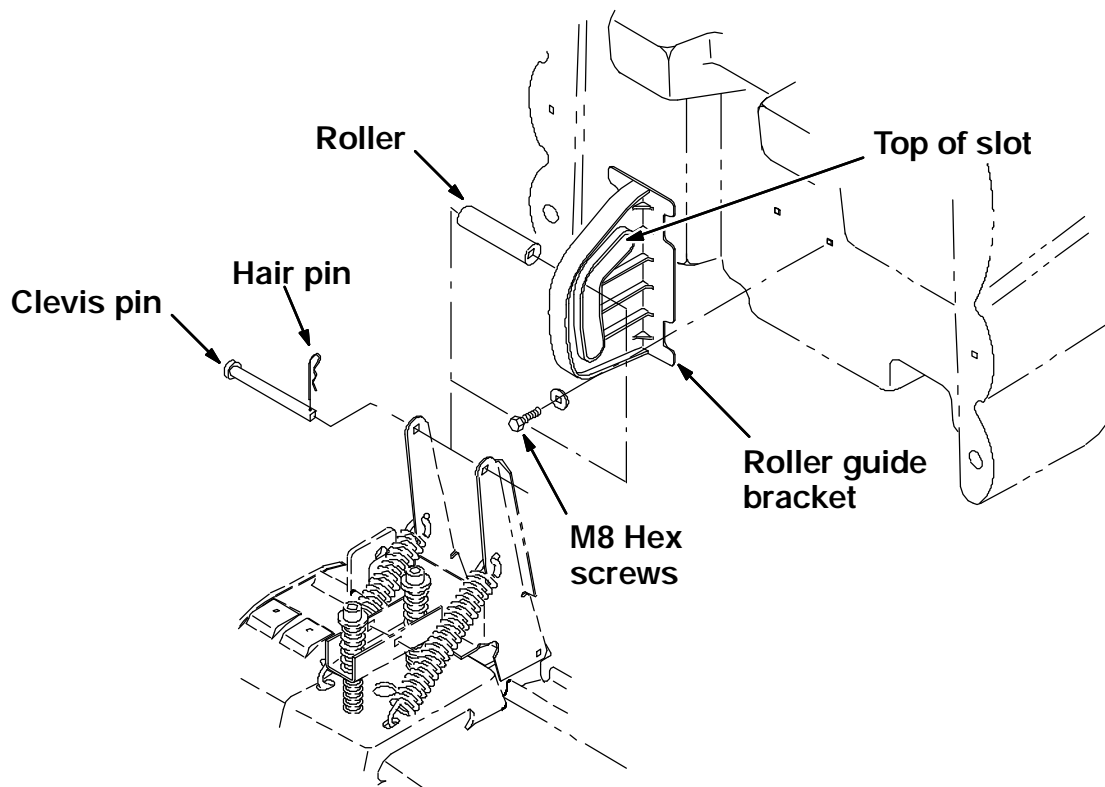


FIG. 3 - Check Scrub Head Guide Roller Clearance

5. **On the 5700 machine**, check the actuator adjustment by raising the scrub head until the top of the actuator tube is 9 mm (3/8 in.) from the bottom of the actuator head. If the actuator tube does not stop at that dimension with the brush switch on, remove the bottom clevis pin and turn the tube to achieve the proper dimension, then reinstall the clevis pin. (Refer to Fig. 2 and 3)
6. The scrub head guide roller should now be almost at the top of the slot on the roller guide bracket. If the roller is not at the top of the slot, loosen the four M8 hex screws and adjust the roller guide bracket so the roller just touches or is slightly away from the end of the slot. Re-tighten the screws to 18 - 24 Nm (15 - 20 ft lb). (Refer to Fig. 3)
7. Reinstall the front cover, lower the solution tank, operate the machine. Check for proper scrub head operation.

BILL OF MATERIALS FOR SCRUB HEAD LIFT ACTUATOR 222110

Ref.	TENNANT Part No.	Description	Qty.
1	222795	Actuator	1

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