



SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS:

(Installation Time: 2 Hours)

TOOLS REQUIRED: 10mm, 1/2", two-7/16", 9/16" and two-3/4" Wrenches, 5/16" Hex Wrench, Standard Screwdriver, Small Bubble Level and Loc-Tite

PREPARING MACHINE FOR INSTALLATION:

1. Drain solution and recovery tanks.
2. Remove batteries from machine, 1/2" wrench required.

FOR SAFETY: When servicing machine, wear protective gloves when handling batteries or battery cables. Avoid contact with battery acid.

3. Remove the old squeegee assembly, vacuum hose, scrub head skirts and pad drivers from machine.
4. With adequate assistance, carefully lay machine down on it's left side (Figure 1).



FIG. 1

ATTENTION: BEFORE DISASSEMBLING THE MACHINE, make sure you save and take note of all removed hardware. This kit requires using existing hardware.

NOTE: Please keep KIT CONTENTS LIST for future reference when ordering replacement blades.

KIT CONTENTS LIST		
Part No.	Description	Qty.
611397	Bracket, Squeegee Mount	1
611777	Bracket, Squeegee Pivot	1
390879	Sleeve, 0.62Dx0.41Bx0.38L SS	2
611476	Screw, M10x1.5x30mm	2
08714	Nut, M10x1.5 Nylock	2
611847	Hose, Assembly	1
140219	Screw, 5/16-18x1 SS	2
140546	Nut, 5/16-18 Nylock SS	2
140027	Washer, 5/16 Flt SS	4
611396	Pedal, Scrubhead Lift	1
612029	Asm., Squeegee (28 inch)	1
222381	Blade, Front Sqg (28 inch)	1
609055	Blade, Rear Sqg, Linatex (28 inch)	1
612030	Asm., Squeegee (32 inch)	1
222241	Blade, Front Sqg (32 inch)	1
611402	Blade, Rear Sqg, Linatex (32 inch)	1

REMOVING OLD SQUEEGEE ASSEMBLY:

1. Remove the squeegee mounting plate, 7/16" wrench required (Figure 2).

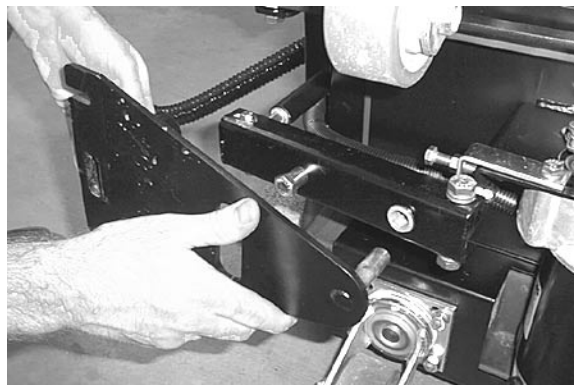


Fig. 2

2. Disconnect the squeegee lift shaft from the squeegee pivot bracket, two 7/16" wrenches required (Figure 3).

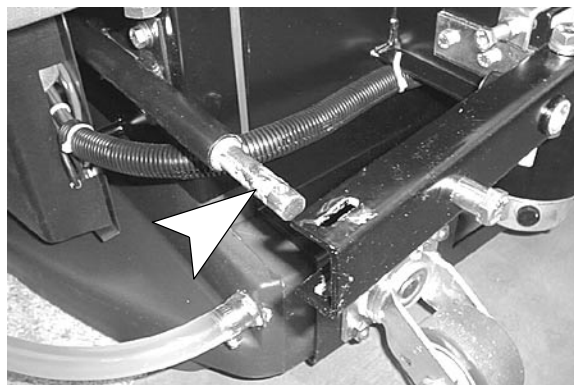


Fig. 3

SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS – *Continued*

3. Remove the squeegee pivot bracket, 3/4" wrench required (Figure 4).

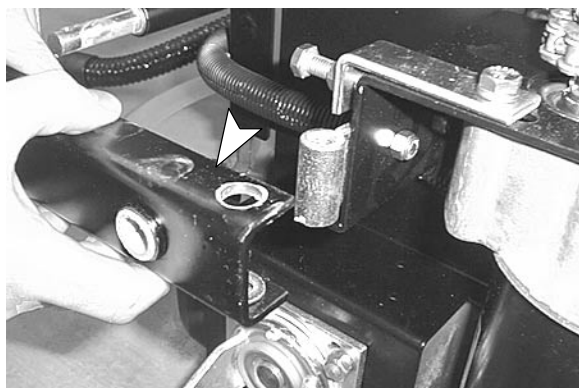


Fig. 4

4. Remove the squeegee mount bracket, two 1/2" wrenches required (Figure 5).

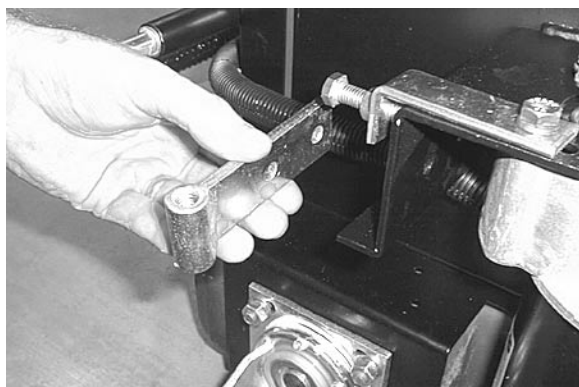


Fig. 5

5. Remove the chain tension L-bracket and remount it as shown, 9/16" wrench required (Figure 6). Re-tighten the adjustment screw and secure jam nut.

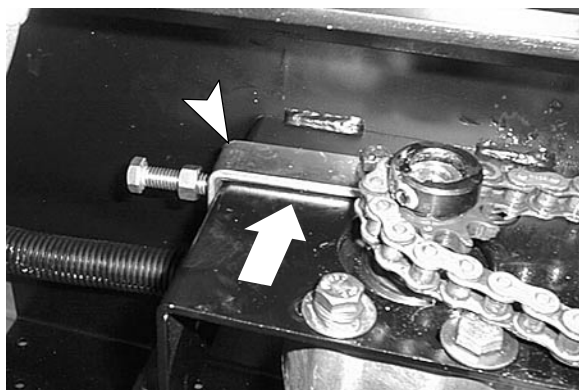


Fig. 6

6. Located near the scrub head, remove the wire harness connection board from the lift pedal arm, two 7/16" wrenches required (Figure 7).

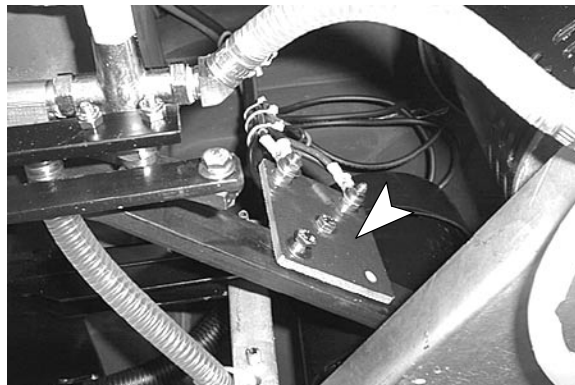


Fig. 7

7. Disconnect the scrub head lift arm from the scrub head, 3/4" wrench required (Figure 8). Lower scrub head to access connection.



Fig. 8

8. Remove the rear mounting screw from the scrub head lift pedal, 3/4" wrench required (Figure 9).

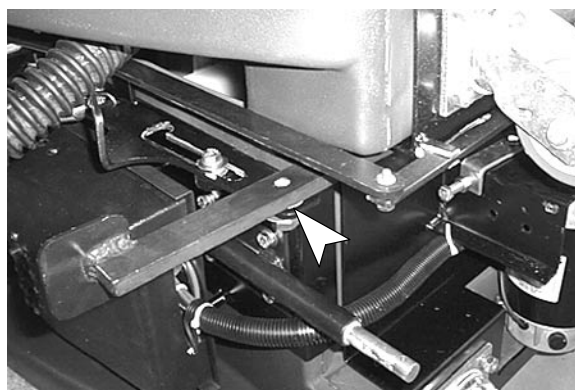


Fig. 9

SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS – *Continued*

9. Remove the clear solution hose to allow access for next step. Standard screwdriver required (Figure 10).

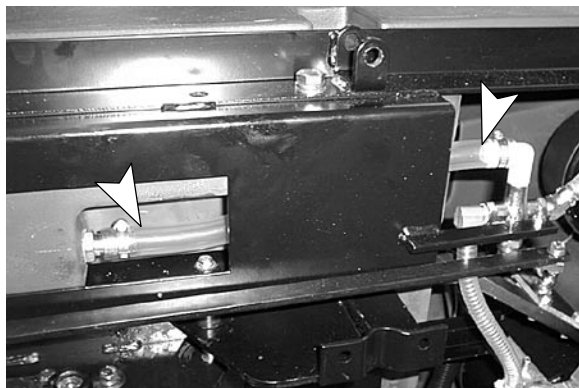


Fig. 10

10. Remove the lift arm pivot pin using a 10mm wrench and pliers as shown. Only remove the top screw and slide the pin out from the bottom (Figure 11).

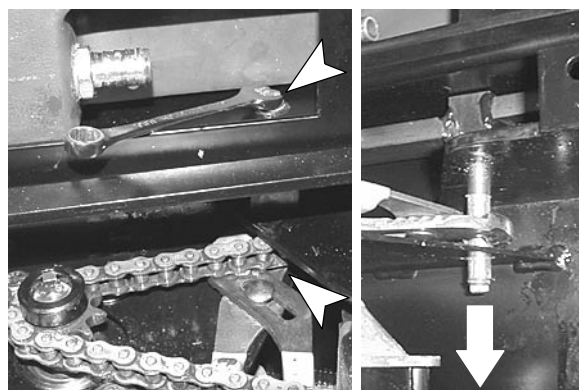


Fig. 11

11. Now remove the old scrub head lift pedal from the machine (Figure 12),

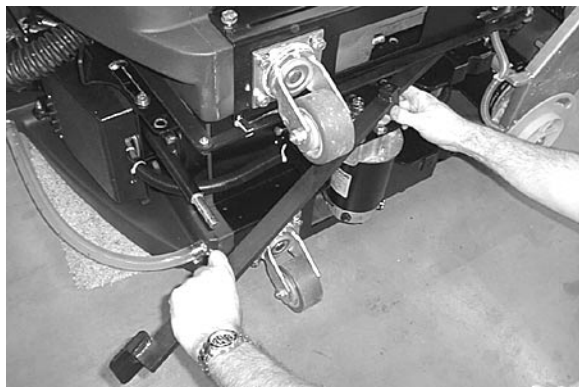


Fig. 12

INSTALLING SQUEEGEE REPLACEMENT KIT:

1. Position the new squeegee lift pedal arm in machine as shown (Figure 13).

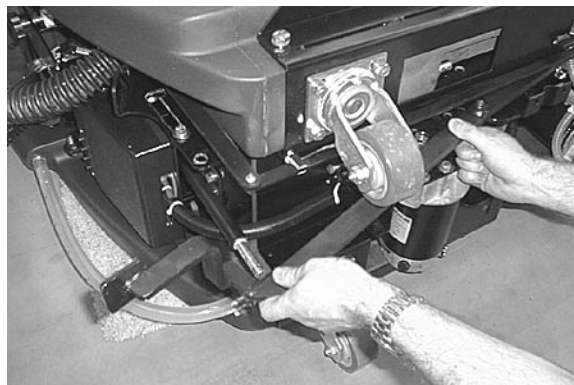


Fig. 13

2. Replace the lift arm pivot pin. Secure with (2) M6x1.0x16 screws, (2) 1/4x1 flat washers and (2) 1/4 lock washers. 10mm wrench and Loc-Tite required (Figure 14).

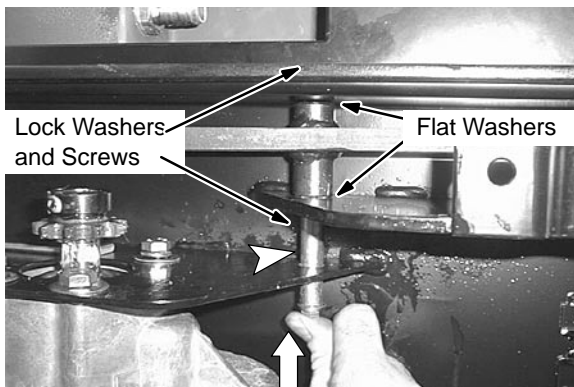


Fig. 14

3. Connect front end of scrub head lift pedal arm to scrub head bracket as shown (Figure 15).

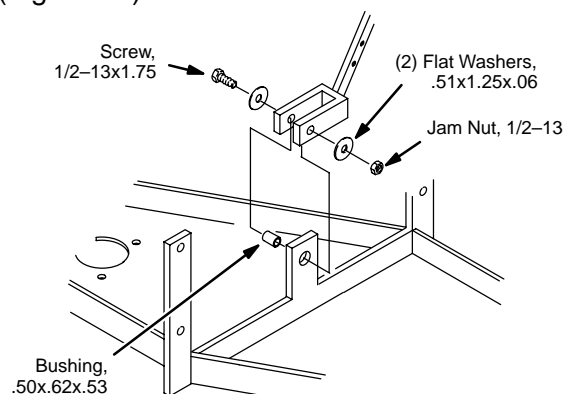


Fig. 15

SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS – *Continued*

4. Connect the rear end of lift pedal arm to the lift pedal latch using existing hardware. Adhere the non-slip pad to foot pedal (Figure 16).

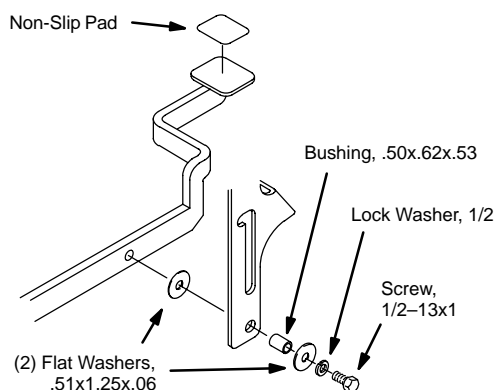
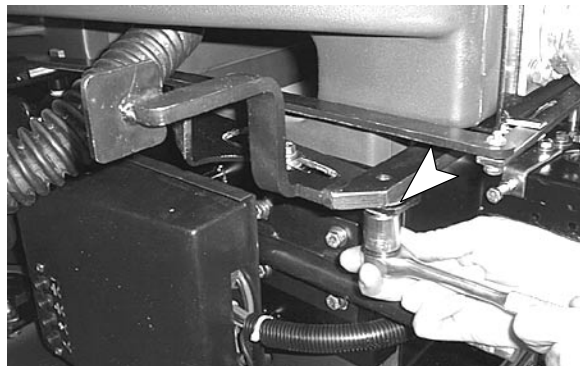


Fig. 16

5. Reattach the wire harness connection board to the lift pedal arm, two 7/16" wrenches required (Figure 7).

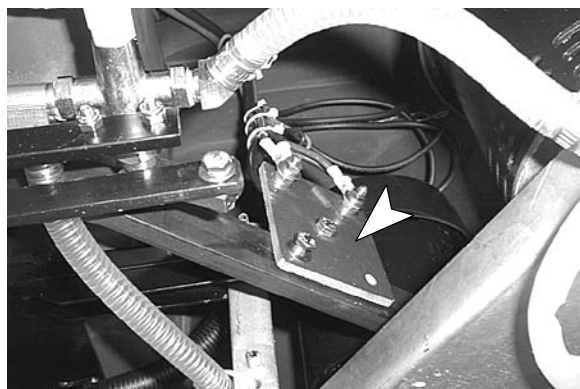


Fig. 17

6. Re-install the clear solution hose (Figure 18).

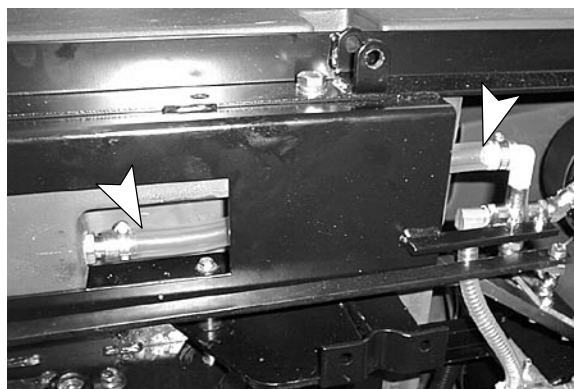


Fig. 18

7. Install the new squeegee mount bracket. Use two 5/16-18x1 screws, two 5/16 nuts and four 5/16 flat washers supplied with Kit. **DO NOT** tighten screws at this point. Make sure to install washers on both sides of the squeegee mount bracket (Figure 19).

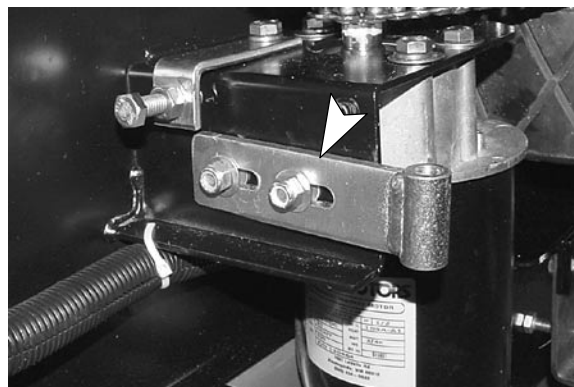


Fig. 19

8. Remove nut and screw from squeegee pivot bracket and discard, two 3/4" wrenches required (Figure 20).

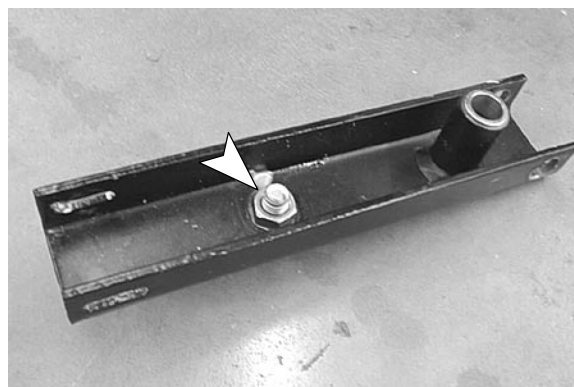


Fig. 20

SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS – *Continued*

9. Reconnect the squeegee pivot bracket to the squeegee mount bracket, 3/4" wrench required (Figure 21).

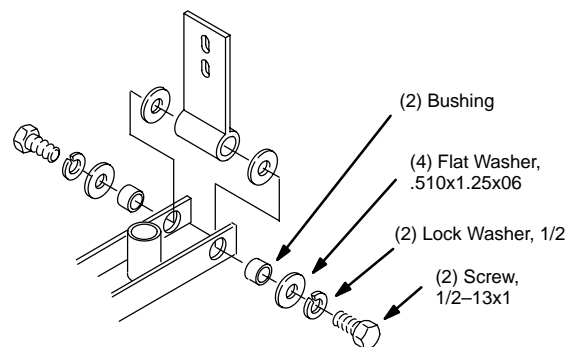
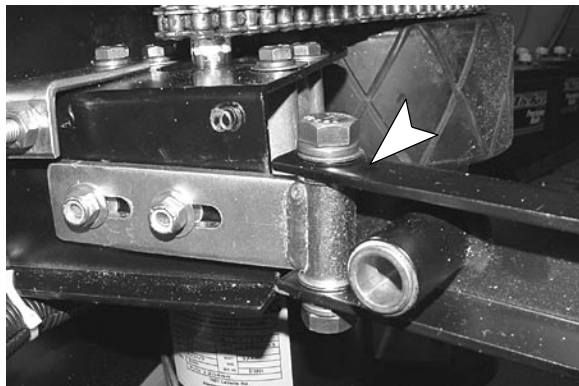


Fig. 21

10. Reconnect the squeegee lift shaft to squeegee pivot bracket as shown. Two 7/16" wrenches required (Figure 22).

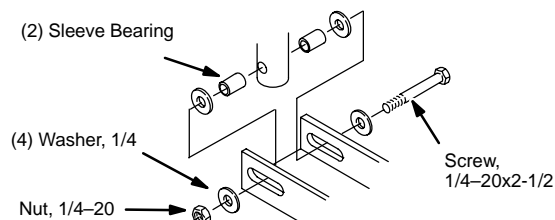
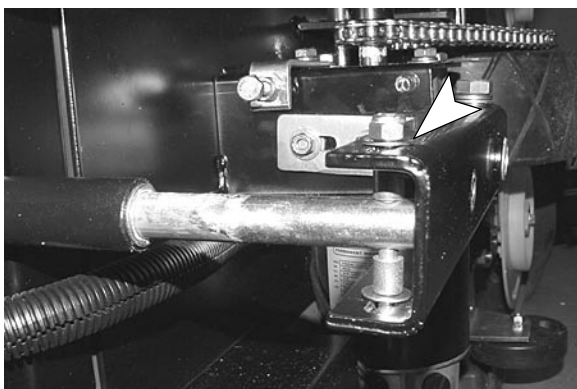


Fig. 22

11. Mount the squeegee stop hardware to the new swivel plate as shown. Hardware supplied with Kit. 5/16" hex wrench required (Figure 23).

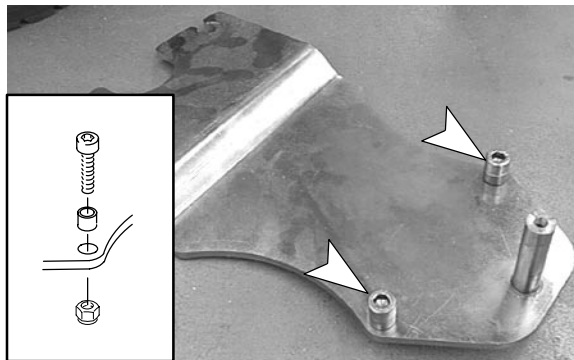


Fig. 23

12. Attach the new swivel plate to the squeegee pivot bracket as shown. Use 1/4-20x5/8 Screw, 1/4" lock washer and 1/4x1 flat washer (Figure 24).

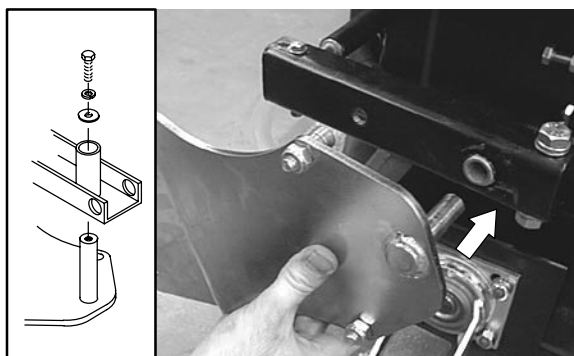


Fig. 24

13. With adequate assistance, carefully stand machine to the upright position. Test scrub head lift pedal for proper operation.
14. Mount new squeegee assembly to machine, secure with thumb knobs (Figure 25).



Fig. 25

SQUEEGEE FIELD REPLACEMENT KIT

INSTALLATION INSTRUCTIONS – *Continued*

15. Level squeegee for proper operation:

- a. Lower squeegee assembly to floor.
- b. Place a small bubble level on the squeegee swivel plate as shown (Figure 26).

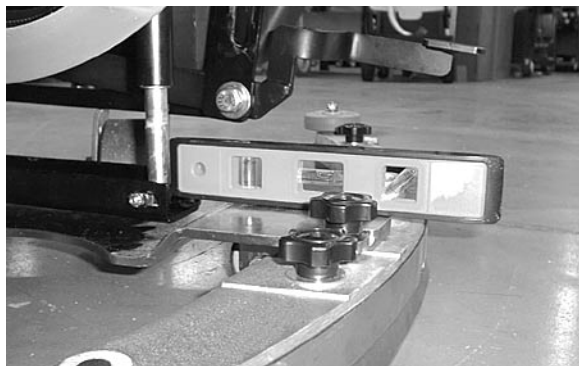


Fig. 26

- c. Level the Squeegee *as good as possible* by adjusting the squeegee mount bracket up or down. Once level, snug down the top screw, **DO NOT TIGHTEN**. Two 1/2" Wrenches required (Figure 27).

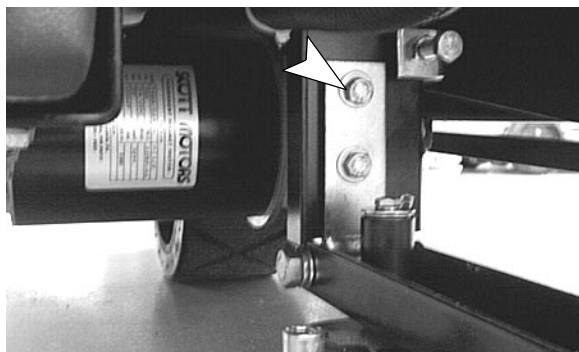


Fig. 27

- d. Now raise Squeegee Assembly off floor.
- e. Place bubble level as shown. Level Squeegee parallel to floor (Figure 28).

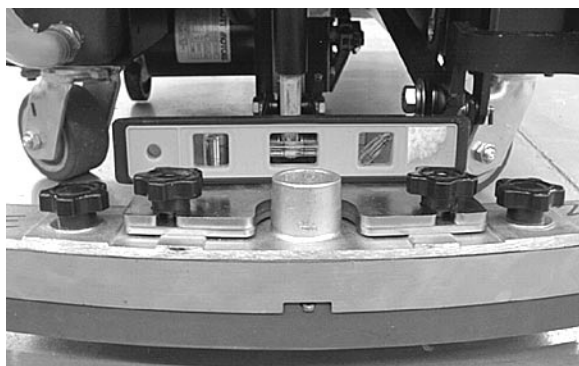


Fig. 28

- f. Once squeegee is parallel to floor, tighten both squeegee mount bracket screws (Figure 29).

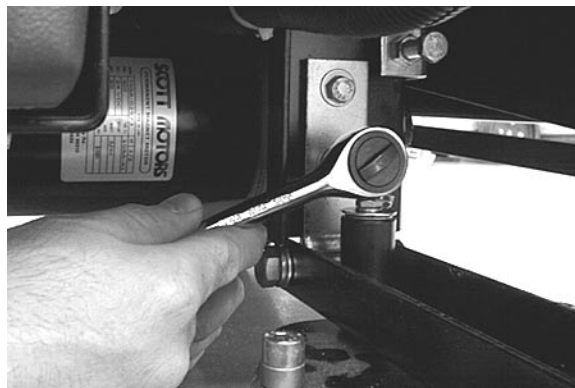


Fig. 29

16. Connect the new vacuum hose to squeegee assembly and to machine as shown (Figure 30).



Fig. 30

17. Reinstall pad drivers, skirts and batteries.
18. Operate machine and check squeegee recovery. Repeat Step 15 if necessary.