



## INSTRUCTION BULLETIN

No. 340182  
Machine: 5700  
Published: 2-99/01  
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 374032

### **SYNOPSIS / PROBLEM:**

This kit contains the parts needed to replace the current squeegee assembly with a new Tight-Aisle style squeegee assembly on the model 5700 scrubber.

Please follow step-by-step instructions.

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

(Estimated time to complete: 1 hour)

### **PREPARATION:**

(Refer to FIG. 1)

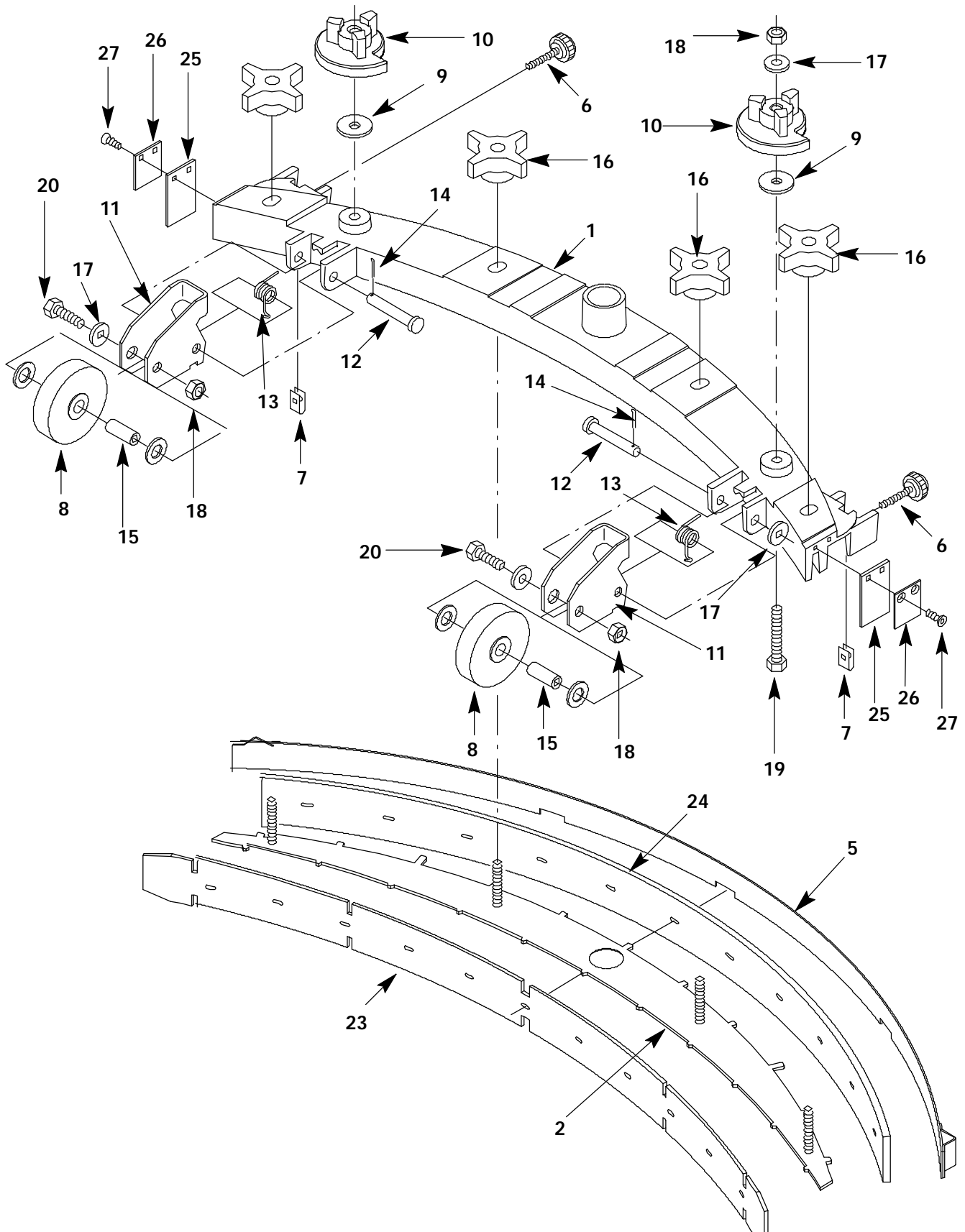
1. Raise the squeegee.
2. Turn the machine power off and set the parking break if your machine has this option.

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

### **INSTALLATION:**

(Refer to FIG. 1)

1. Remove the squeegee suction hose from the the squeegee.
2. Loosen the two mounting knobs.
3. Pull the squeegee off the machine.
4. Check that the squeegee is still raised, and place the new Tight-Aisle squeegee under the squeegee pivot.
5. Slide the Tight-Aisle squeegee frame onto the squeegee pivot.
6. Tighten the mounting knobs.
7. Push the squeegee suction hose on the Tight-Aisle squeegee.
8. Start machine and check for proper squeegee blade adjustment and operation.



**FIG. 1 Tight-Aisle Squeegee Group**

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## SQUEEGEE

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The squeegee assembly channels water into the vacuum fan suction. The front blade channels the water, and the rear blade wipes the floor.

Check the squeegee blades for damage and wear daily. Rotate or replace either of the squeegee blades if the leading edge is torn or worn half-way through the thickness of the blade.

The squeegee can be adjusted for leveling and deflection. The deflection and leveling of the squeegee blades should be checked daily, or when scrubbing a different type of floor.

The squeegee assembly can be removed from the squeegee pivot to prevent damage during transport of the machine.

### REMOVING THE SQUEEGEE ASSEMBLY

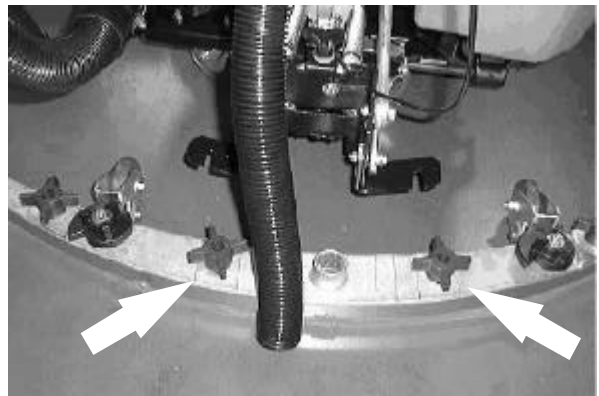
1. Raise the squeegee.
2. Turn the machine power off and set the parking brake if your machine has this option.

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

3. Remove the squeegee suction hose from the squeegee.

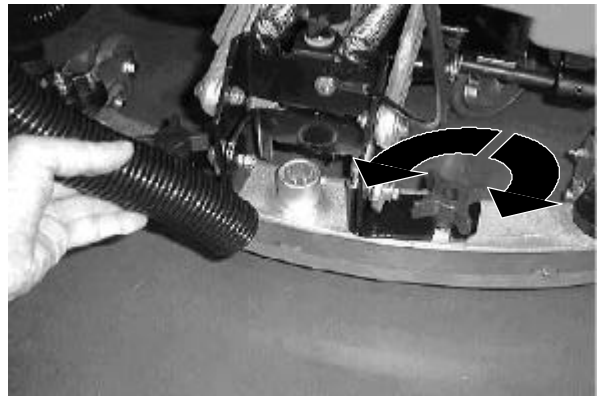


4. Loosen the two mounting knobs.
5. Pull the squeegee off the machine.



#### **INSTALLING THE SQUEEGEE ASSEMBLY**

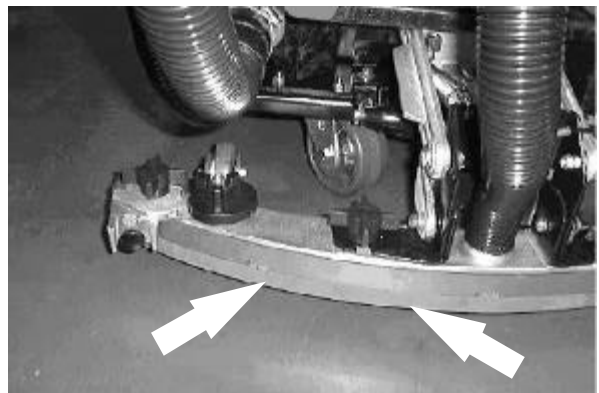
1. Make sure the squeegee is raised.
2. Place the squeegee under the squeegee pivot.
3. Slide the squeegee frame onto the squeegee pivot.
4. Tighten the mounting knobs.
5. Push the squeegee suction hose on the squeegee.



#### **LEVELING THE SQUEEGEE**

Leveling of the squeegee assures even contact the length of the squeegee blade with the surface being scrubbed. Make sure this adjustment is done on an even, level floor.

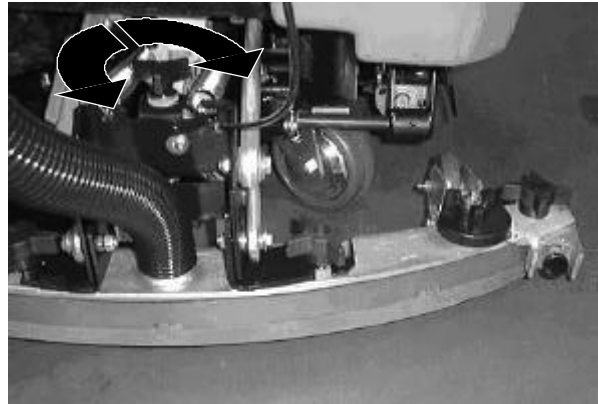
1. Turn the machine power on.
2. Lower the squeegee.
3. Drive the machine forward, then turn the machine power off.
4. Look at the deflection of the squeegee blade, over the full length of the squeegee blade.



5. If the deflection is not the same over the full length of the blade, turn the squeegee leveling knob counter-clockwise to increase the deflection at the ends of the squeegee.

Turn the squeegee leveling knob clockwise to decrease the deflection at the ends of the squeegee blade.

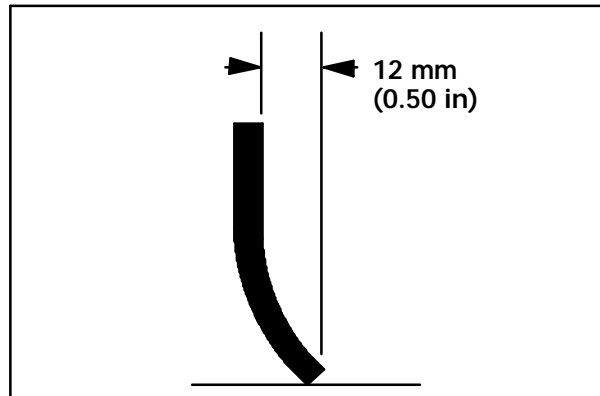
6. Drive the machine forward again with the squeegee down to check the squeegee blade deflection.
7. Readjust the squeegee blade deflection if necessary.



### ADJUSTING SQUEEGEE BLADE DEFLECTION

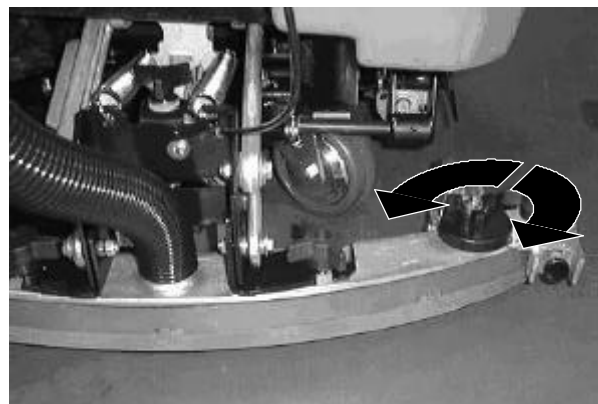
Deflection is the amount of curl the squeegee blade has when the machine moves forward with the squeegee lowered to the floor. The best deflection is when the squeegee wipes the floor just dry with a minimum amount of deflection.

1. Turn the machine power on.
2. Lower the squeegee.
3. Drive the machine forward, and look at the deflection of the squeegee blade. The correct amount of deflection is 12 mm (0.50 in) for scrubbing smooth floors and 15 mm (0.62 in) for rough floors.



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4. Turn the machine power off.
5. To adjust the amount of deflection, turn the squeegee deflection cams counter-clockwise to decrease the blade deflection.  
  
Turn the squeegee deflection cams clockwise to increase blade deflection.
6. Drive the machine forward again to check the squeegee blade deflection.
7. Readjust the squeegee blade deflection if necessary.



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## SQUEEGEE BLADES

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The squeegee has two squeegee blades, the front and back. Each blade has four wiping edges. To use them all, start with one wiping edge. To use the next wiping edge, rotate the blade end-for-end. To use the next wiping edge, rotate the top edges down, bottom edges up. To use the last edge, rotate the blade end-for-end.

Replace any worn or damaged squeegee blades.

### REPLACING OR ROTATING THE REAR SQUEEGEE BLADE

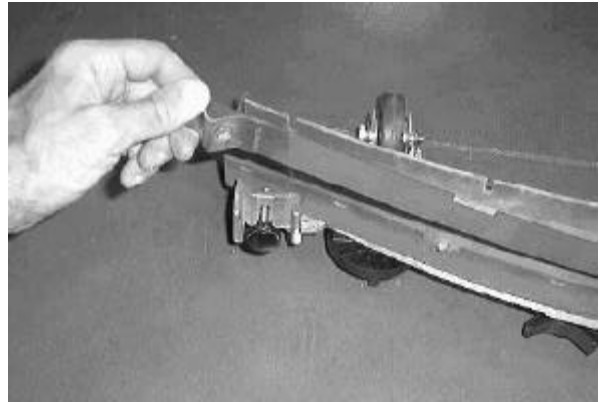
1. Make sure the squeegee is raised off the floor.
2. Turn the machine power off and set the parking brake if your machine has this option.

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

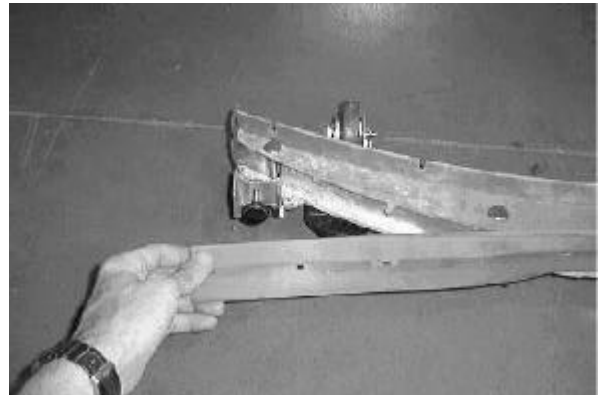
3. Loosen the two retention knobs, one at each end on the squeegee.



4. Pull off the rear retaining band.



5. Pull off the rear squeegee blade.
6. Insert the rotated or new squeegee blade and then insert the retainer band.
7. Tighten the two retention knobs until the ends of the front and rear squeegee blades touch. Do not overtighten.



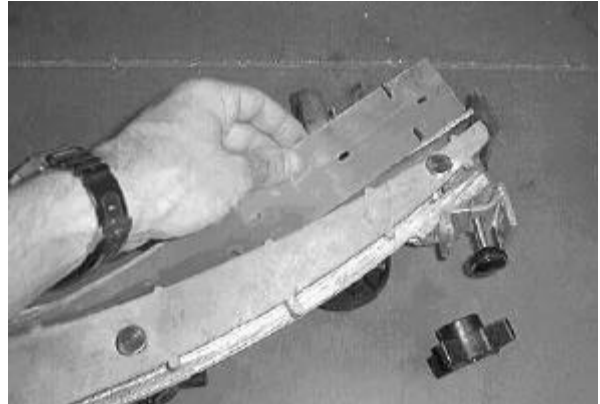
#### **REPLACING OR ROTATING THE FRONT SQUEEGEE BLADE**

1. Make sure the squeegee is raised off the floor.
2. Turn the machine power off and set the parking brake if your machine has this option.

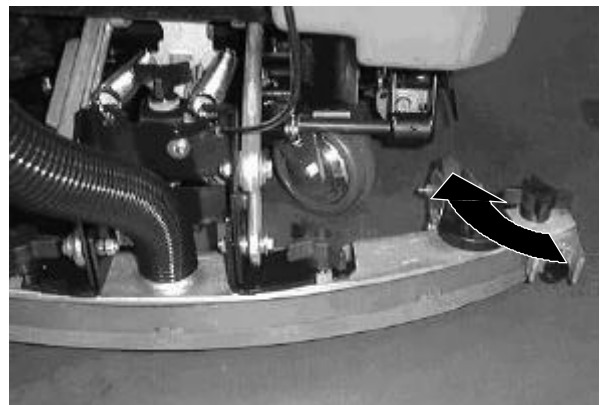
**FOR SAFETY: Before leaving or servicing machine, stop on level surface, and turn off machine.**

3. Remove the squeegee from the machine. See *REMOVING THE SQUEEGEE ASSEMBLY*.
4. Remove the rear squeegee blade and retainer. See *REPLACING OR ROTATING THE REAR SQUEEGEE BLADE*.

5. Loosen the two remaining knobs on top of the squeegee assembly.
6. Pull the retainer plate back and pull out the front squeegee blade of the squeegee frame.
7. Insert the rotated or new squeegee blade in the squeegee frame, lining up the slots in the blade with the tabs on the retainer plate.



8. Push the retainer plate forward. Tighten the two outside knobs on top of the squeegee assembly.
9. Insert the rear squeegee blade and retainer. Tighten the two rear blade retention knobs until the ends of the front and rear squeegee blades touch. Do not overtighten.
10. Install the squeegee assembly on the squeegee pivot. See *INSTALLING THE SQUEEGEE ASSEMBLY*.
11. Adjust the squeegee blade leveling and deflection as stated in *LEVELING THE SQUEEGEE* and *ADJUSTING SQUEEGEE BLADE DEFLECTION*.





# **BILL OF MATERIALS FOR TIGHT-AISLE SQUEEGEE KIT 374032**

<b>Ref.</b>	<b>TENNANT Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	374033	Frame, Squeegee Tight-Aisle	1
2	374034	Plate, Blade Retainer Tight-Aisle	1
3	374035	Blade, Squeegee, Front Tight-Aisle	1
4	374036	Blade, Squeegee, Rear Tight-Aisle	1
5	374037	Band Wldt, Squeegee Tight-Aisle	1
6	222794	Knob, W1.25-20X1.5 Lg Stud	2
7	82138	Nut Speed, Retainer, .25-20 Thd	2
8	222066	Wheel, 3.0 Dia	2
9	222268	Washer, .375B 1.25D .12Neoprene	2
10	222244	Cam, Adj, Sqge	2
11	222245	Bracket, Mtg, Wheel	2
12	222260	Pin, Clevis, 0.37 Dia 2.25Lg	2
13	222130	Spring, Torsion, Wheel	2
14	39005	Pin, Cotter .094X0.75	2
15	222497	Sleeve	2
16	370100	Knob, 4 Prongs w/.31-8 Insert	4
17	01685	Washer, Fit .31 Ss	6
18	08713	Nut-Hxlocnyln M 8X1.25 Reg Ss	4
19	09767	Scr Hexssm 8X1.25 70	2
20	49694	Scr Hex Ssm 8X1.25 50	2
21	222385	Blade, Squeegee, Tile Tight-Aisle	1
22	222387	Blade, Squeegee, Rear, Tile Tight-Aisle	1
23	222391	Blade, Squeegee, Front Tight-Aisle Oil Resist 1	
24	222389	Blade, Squeegee, Rear Tight-Aisle Oil Resist 1	
25	374039	End, Squeegee, Rubber	2
26	374040	Plate, End Squeegee	2
27	09120	M5X0.8-16mm Socket Head	4

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