

Squeegee Mount Upgrade Kit



Models: T600, T600e, T600EE

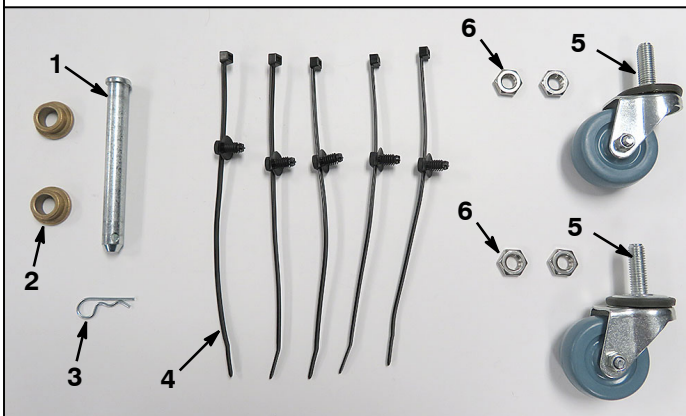
This kit includes the necessary parts to upgrade squeegee mount durability to ensure optimum squeegee performance. Kit installation must be performed by TennantTrue® service or an authorized service provider.

INSTALLATION INSTRUCTIONS:

Installation Time: 1.5 Hours

Special Tools Required: Power Drill, 1/4- 3/4" Step Drill Bit and Drill Bit Extension

Kit Contents



Ref	Part No.	Description	Qty.
1	1233450	PIN, CLEVIS, 0.50D X 4.30L	1
2	1251209	BUSHING, FLNG, 0.50B 0.75D 0.38L	2
3	86866	PIN, COTTER, HAIR, 0.38D .072 WIR	1
4	1210807	WIRE, TIE [W/.25" FIR TREE CLIP]	5
5	1006343	CASTER, SWIVEL, 50MMD, M10 X 30	2
6	32716	NUT, HEX, JAM, M10 X 1.5, SS	4

Install Pivot Pin Flange Bushings

1. Empty the solution and recovery tanks.
2. Remove the batteries, squeegee assembly, front shroud and scrub head from machine.
3. Lower the squeegee lift pedal to relieve tension on the centering spring.
4. On a non-marring surface, with assistance, carefully lay the machine on its left side.
5. Cut the wire-tie from that secures the squeegee switch wiring and disconnect the wire connector from switch (Figure 1).

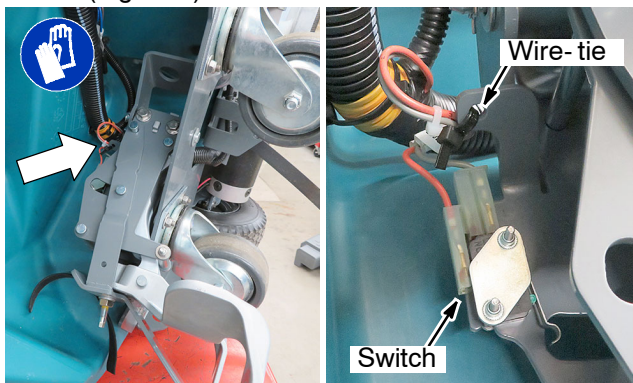
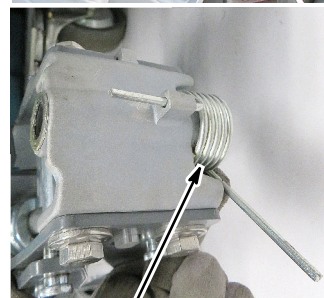
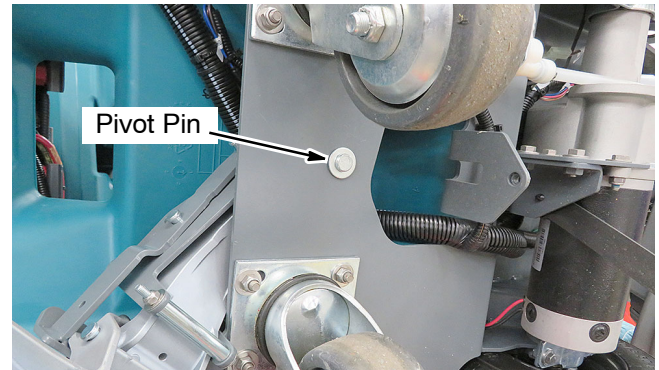
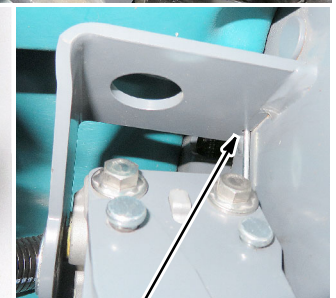


Fig. 1

6. Remove the squeegee mount pivot pin and remove squeegee lift assembly from the machine. Take note of how the centering spring is installed before removing assembly (Figure 2). Do not misplace spring. Discard old hardware.

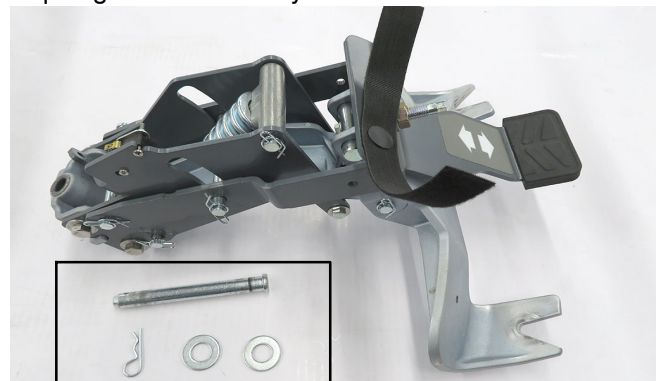


Centering spring



Spring is inserted through hole in frame

Squeegee Lift Assembly



Discard old hardware

Fig. 2

- Cut the three wire-ties securing the main wire harness (Figure 3). Note: Machine may also be equipped with clamps. Disconnect clamps.

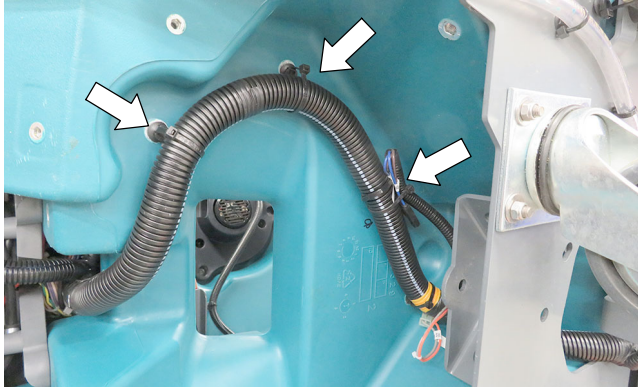


Fig. 3

- Position the main wire harness as shown to prevent the risk of damaging the harness when drilling out the pivot pin holes in the frame (Figure 4).

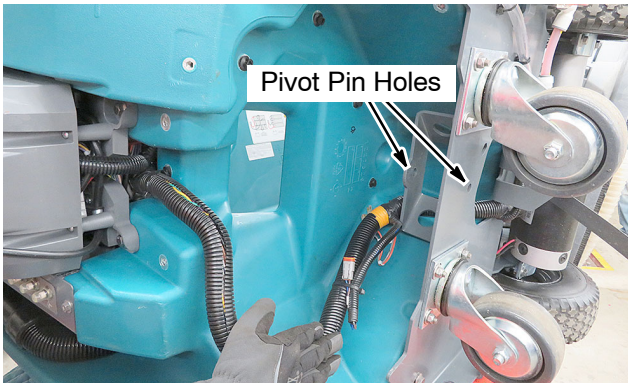


Fig. 4

- Using a 1/4-3/4 inch step drill bit and a drill bit extension, enlarge the two pivot pin holes to 3/4 inch (Figure 5). After drilling, remove any metal burrs.

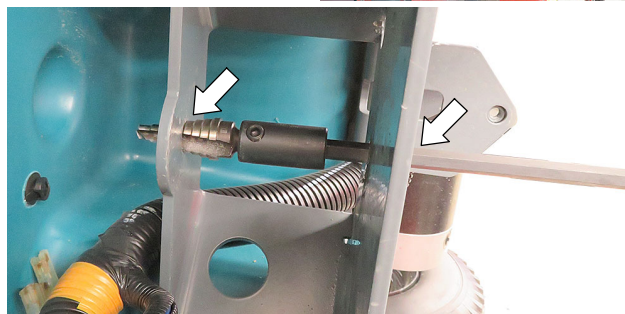
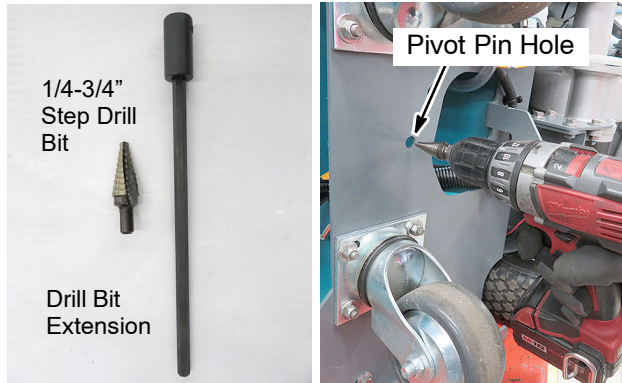


Fig. 5

- Using three wire-ties supplied with kit, return the main wire harness to its original location (Figure 6).

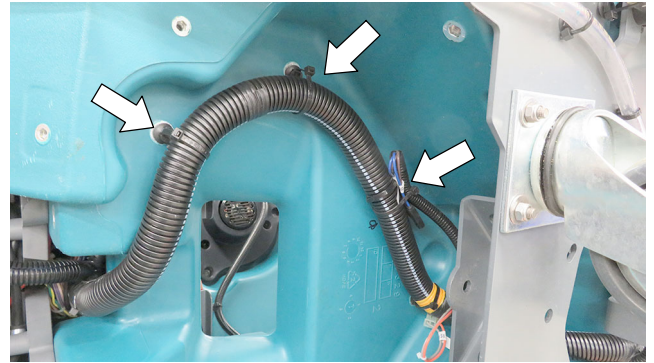


Fig. 6

- Insert the two flange bushings from kit into the enlarged holes as shown (Figure 7). Position the flanges facing outward.

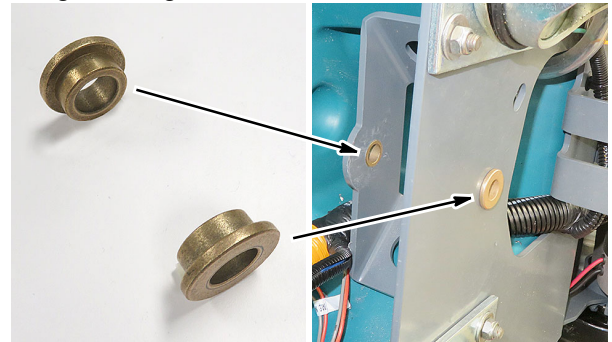


Fig. 7

- Using the new pivot pin and cotter pin from kit, reinstall the squeegee lift assembly (Figure 8).

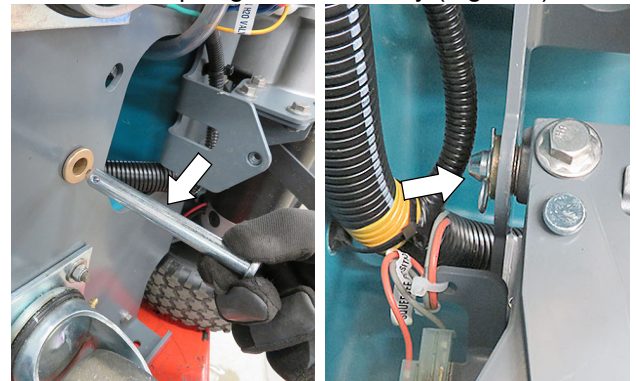


Fig. 8

- Reconnect the squeegee switch wiring and secure with wire-tie (Figure 9).

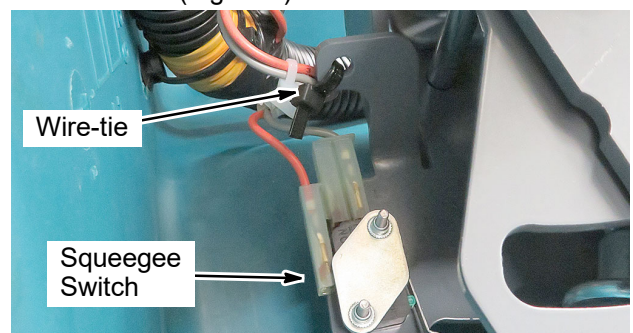


Fig. 9

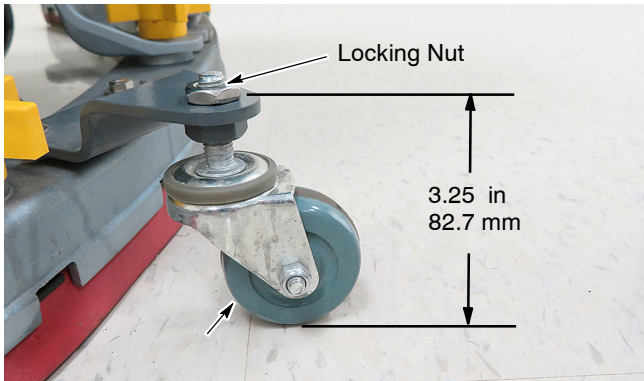
- Carefully stand the machine upright and reinstall scrub head, front shroud and batteries.

Install New Squeegee Assembly Casters

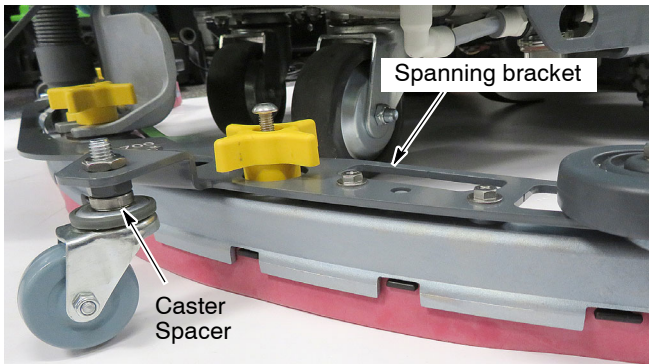
Install new squeegee assembly casters according to the following designs. There are 3 different designs (Figure 10).

Due to normal caster wear, it is recommended to replace the squeegee casters every 5th replacement blade set or 500 hours or 12 months of machine use, whichever comes first. Uneven floor types may require more frequent caster replacement.

Design #1: Casters are located at rear of squeegee assembly. Adjust caster height as shown.



Design #2: Casters are located at rear and equipped with caster spacer and metal spanning bracket. The spacer allows for proper caster height



Design #3: Current Design - Casters are located at front of squeegee assembly. Caster height adjustment is not required.

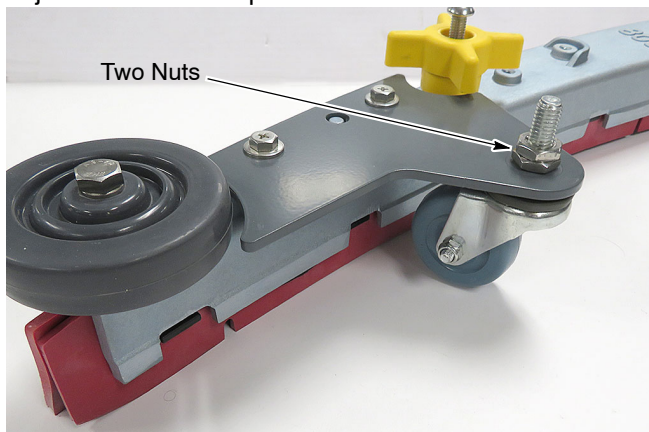


Fig. 10

Check for Proper Squeegee Blade Roll-out

Lower squeegee assembly to floor and drive machine slightly forward. The rear blade should roll out evenly across the full length of the squeegee blade at a 45° deflection (Figure 11).

If the blade does not roll-out evening across the full length, adjust blade pitch as describe below (Figure 12).

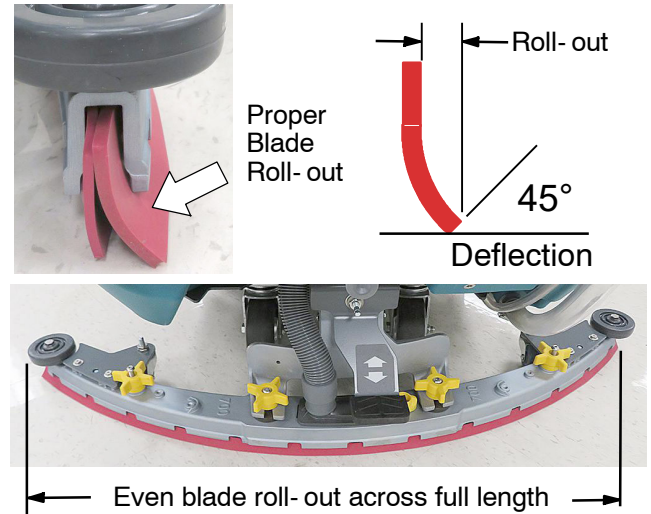


Fig. 11

Blade Pitch Adjustment: If the blade tips are higher or lower than the center of the squeegee as shown below, turn the pitch adjustment stem counterclockwise to raise blade tips or clockwise to lower the blade tips. 7mm & 17mm wrenches required (Figure 12).

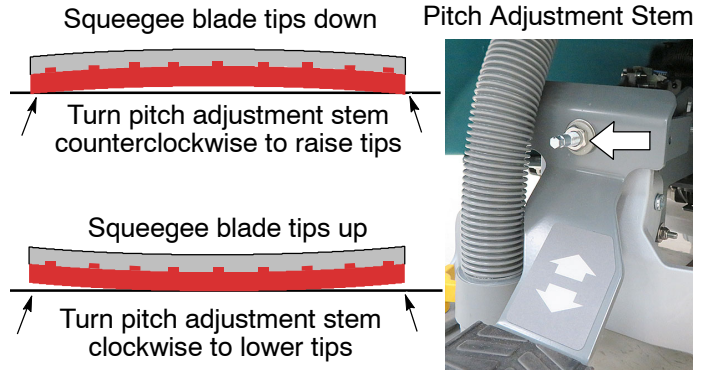


Fig. 12