



Model: T5

Scrub Head Kit



An Authorized Tennant service person is recommended to perform kit installation.

INSTALLATION INSTRUCTIONS:

NOTE: The following installation instructions are intended for a Disk or Cylindrical scrub head.

Installation Time: 1½ hours

TOOLS REQUIRED: 10 mm socket wrench, two 1/2 inch wrenches, 15/16 inch wrench, 1-1/16 inch wrench and wire-tie cutters.

NOTE: For FaST models, a FaST Injector Kit is required for this installation.
See FaST Injector Cross Reference Chart on page 3.

FOR SAFETY: Before installing kit, stop machine on level surface and turn key off.

To remove a scrub head, carefully follow steps 2–13 in reverse order.

1. Carefully place the scrub head assembly on the floor in front of the machine (Figure 1).

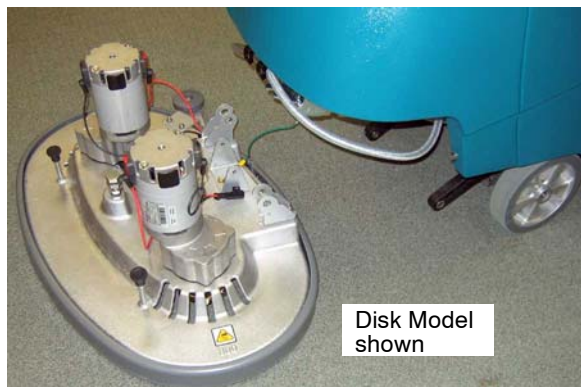


Fig. 1

2. Align the two lift arms with the mounting brackets (Figure 2). DO NOT connect the lift arms at this time.

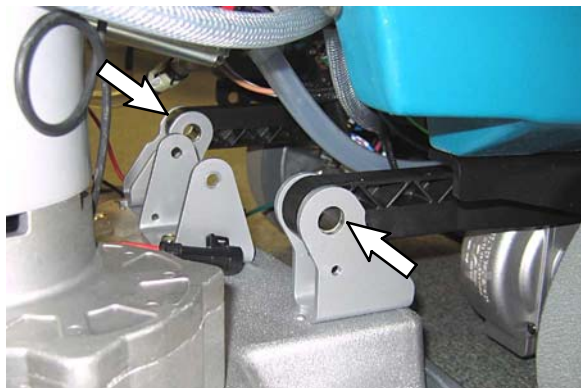


Fig. 2

3. Attach the green ground wire from the machine to the scrub head assembly as shown (Figure 3).

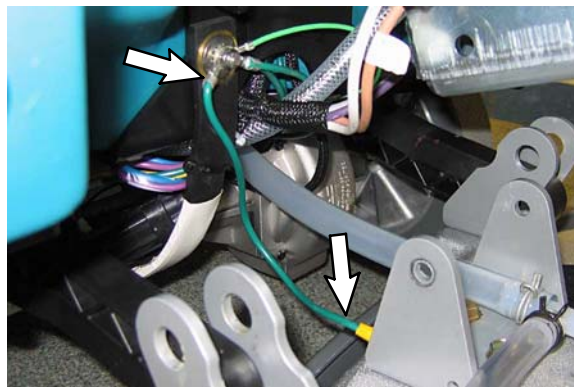


Fig. 3

4. Connect the solution hose from the scrub head assembly to the machine (Figure 4).

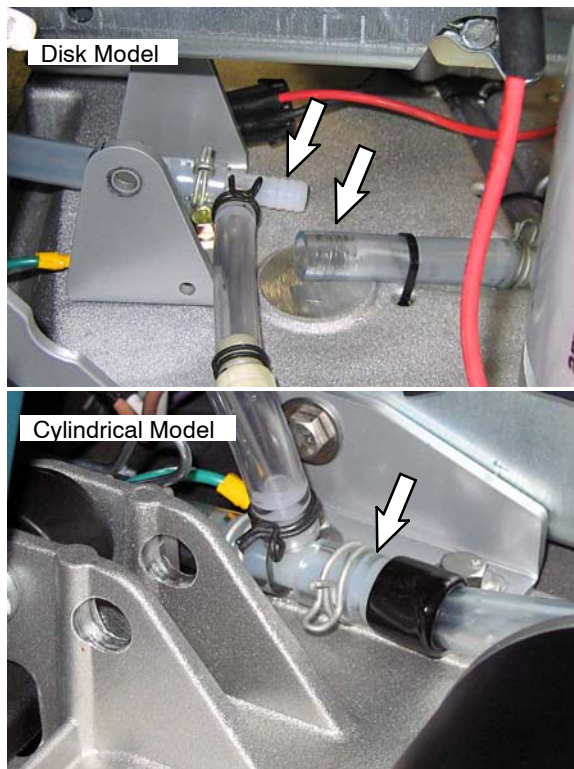


Fig. 4

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

5. Locate the pre-installed wire ties on the actuator bracket (Figure 5). There should be one on each side. Install wire ties if not pre-installed.

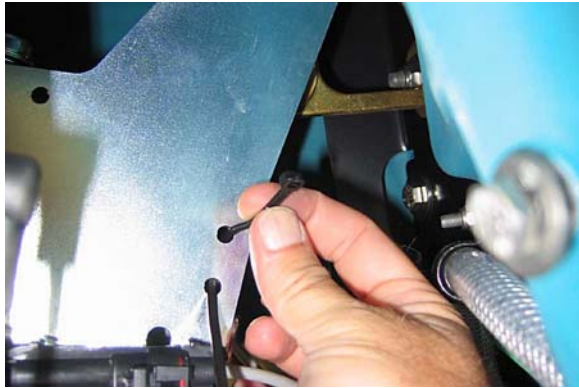


Fig. 5

6. Connect the brush motor wire connectors into the machine's wire harness and secure connectors with wire-tie as shown (Figure 6).

NOTE: The machine's harness wires are labeled "RIGHT MOTOR" (purple wire) and LEFT MOTOR" (brown wire).

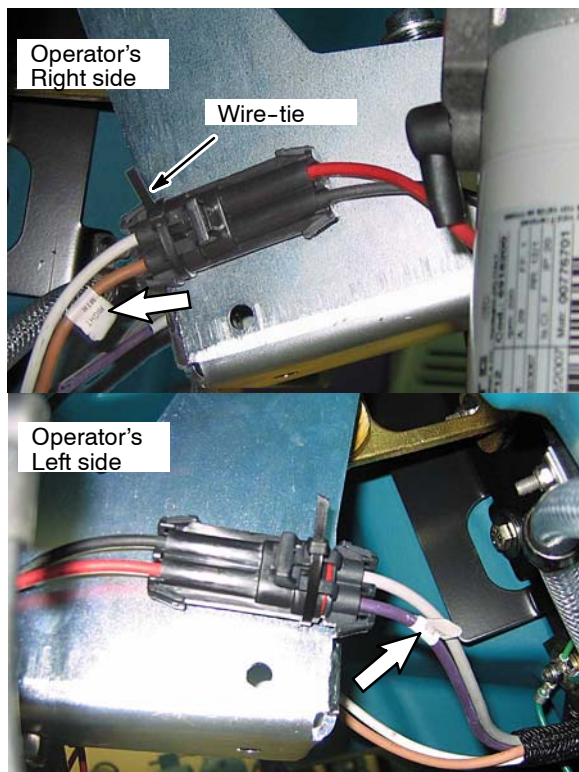


Fig. 6

7. Raise the scrub head off the floor approximately 3 inches / 8 cm (Figure 7).

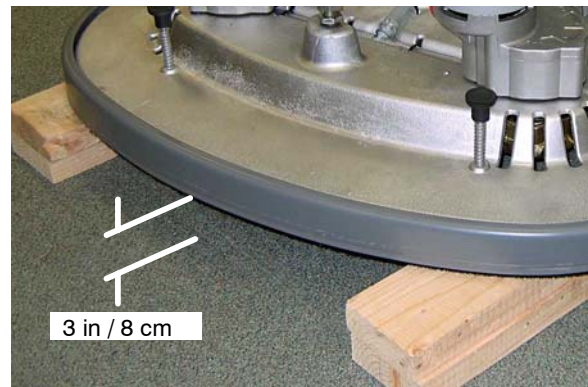


Fig. 7

8. This step requires two people.

One person is to turn the key on and press the One-Step button (Figure 8), while the other person is to guide the actuator bracket into the leveling screw as it begins to lower (Figure 9). Do not tighten down the lock nut at this time. The scrub head may need to be leveled as described later in the instructions.



Fig. 8

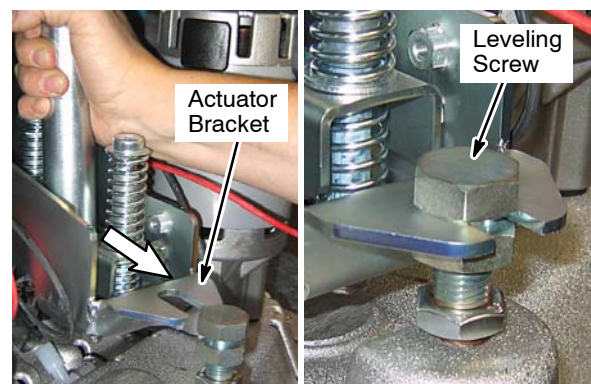


Fig. 9

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

9. Align and connect the actuator bracket to the scrub head using the hardware supplied with kit (Figure 10).

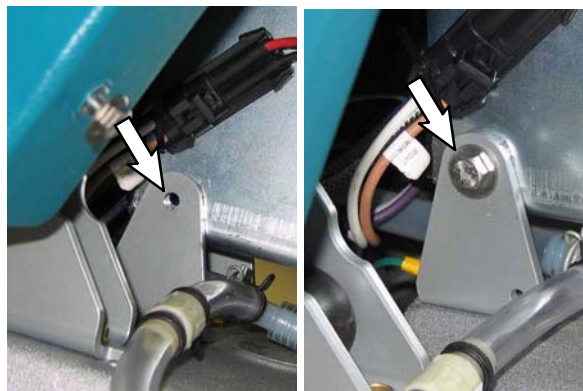


Fig. 10

10. Connect the two lift arms to the scrub head using the clevis and cotter pins supplied with kit. Secure cotter pin with wire-tie as shown (Figure 11).

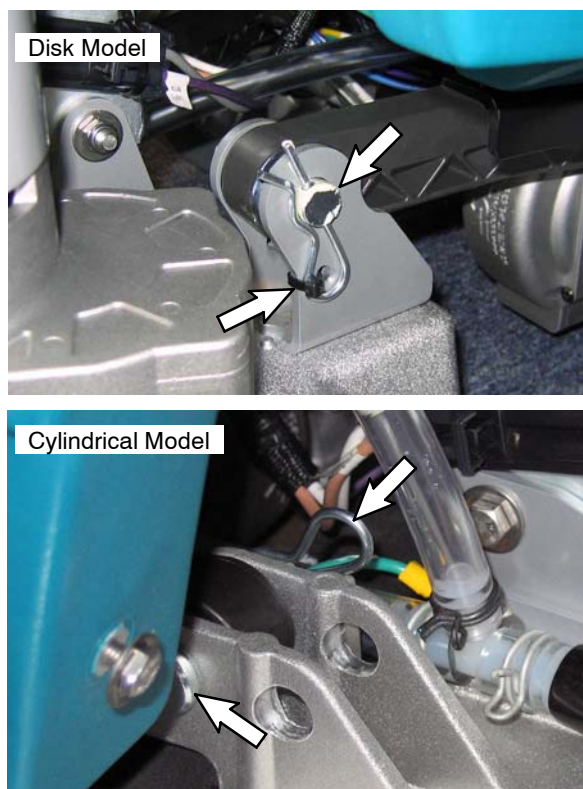


Fig. 11

11. FaST Models Only:

If machine was shipped without a scrub head installed, a FaST injector Kit is required (See Chart below).

If changing from 24" (600mm) / 26" (650mm) size scrub head to a 28" (700mm) / 32" (800mm) scrub head size or vice versa, a FaST injector kit is required (See Chart below).

FaST Injector Cross Reference Chart

Scrub Head Kit	Size & Type	Requires FaST Injector Kit
9003481	24 in/600mm Disk	1025258
9003484	26 in/650 Cylindrical	
9003482	28 in/700mm Disk	1025266
9003483	32 in/800mm Disk	
9003485	32 in/800mm Cylindrical	

12. Install scrub head shroud on machine (Figure 12).



Fig. 12

13. Install the cylindrical scrub head debris trough (Figure 10).

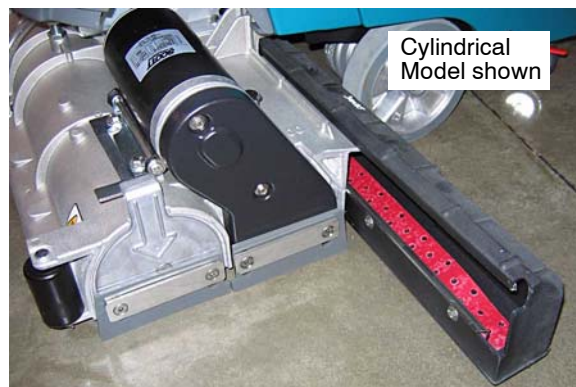


Fig. 13

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

Level Scrub Head

1. With brushes installed, lower the scrub head and apply medium brush pressure.
2. **Disk Model:** Measure the distance from the front top edge of the scrub head to the floor and from the back top edge of the scrub head to the floor (Figure 14). The two measurements should be equal.

Cylindrical Model: Measure the distance from the front edge of the scrub head to the floor and from the back edge of the scrub head to the floor (Figure 15). The two measurements should be equal.

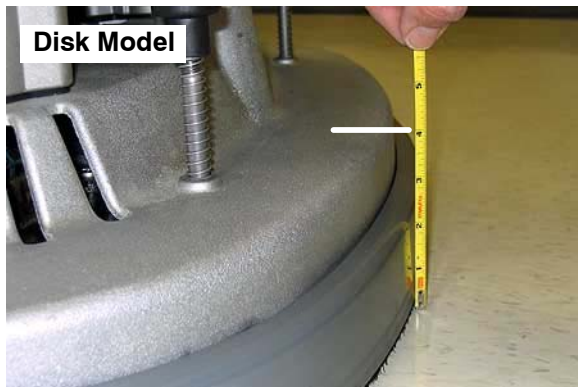


Fig. 14

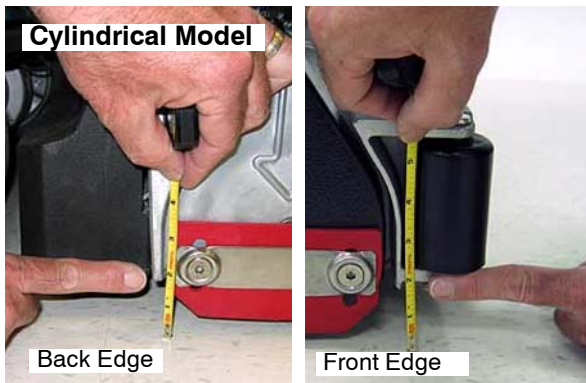


Fig. 15

3. If scrub head is level, tighten down the lock nut (Figure 16).

To level the scrub head, loosen the lock nut and turn the leveling screw clockwise to lower the rear of the scrub head or counterclockwise to lower the front (Figure 16).

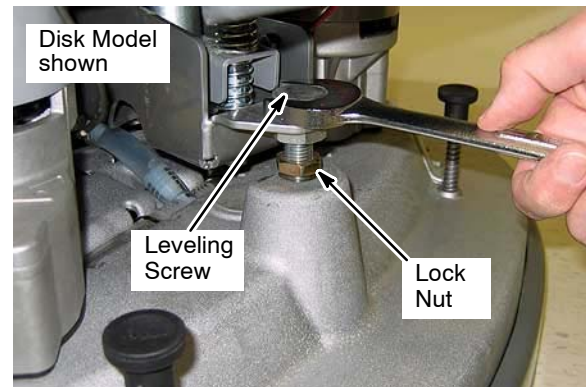


Fig. 16

Reprogram Control Board

Before operating the machine, the control board must be reprogrammed as described below. Each specific scrub head size or type requires a different brush pressure and solution flow setting.

To reprogram the control board:

Press and hold the brush pressure (-) button and the solution flow (-) button at the same time then turn the key on (Figure 17).

A brush pressure light and a solution flow light will appear. These lights display a specific setting for scrub head size and type as described below.

To change the setting, press and hold the One-step button until it starts to blink. Then press the brush pressure (+) button and the solution flow (+) button to change settings as described below. Re-start key to store settings.

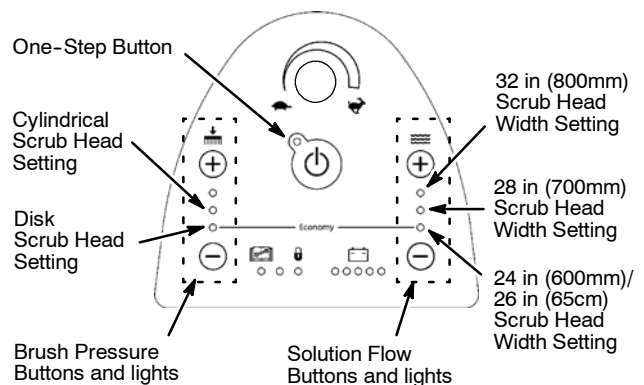


Fig. 17