

Scrub Head Kit

Model: Speed Scrub 24" -32" / T5e



An Authorized Tennant/Nobles 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: 1¹/₂ 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 2-15 in reverse order.

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

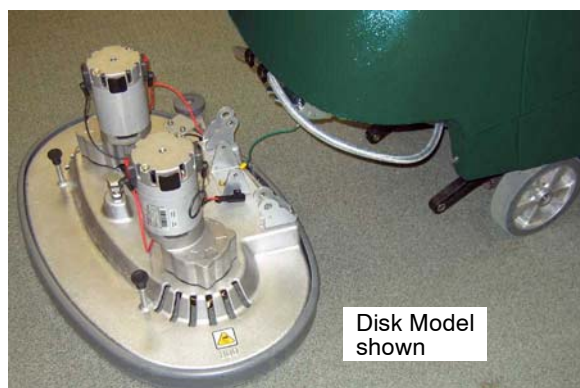


Fig. 1

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

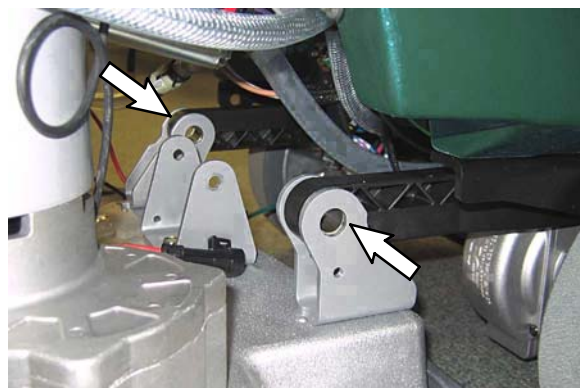


Fig. 2

3. Connect the solution hose from the scrub head assembly to the machine (Figure 3).

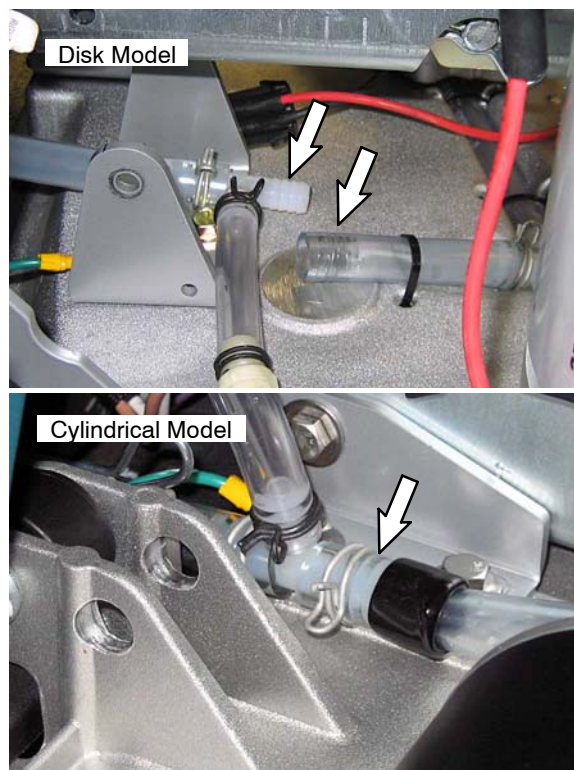


Fig. 3

4. Locate the pre-installed wire ties on the actuator bracket (Figure 4). There should be one on each side. Install wire ties if not pre-installed.

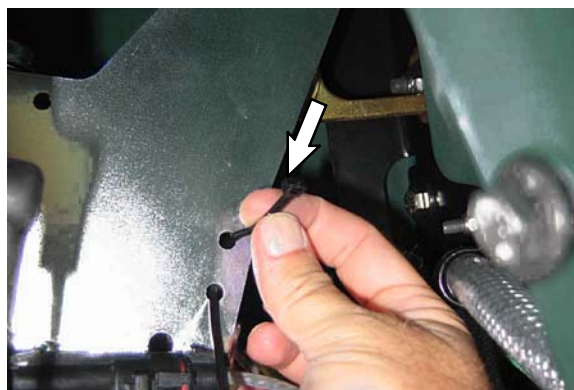


Fig. 4

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

5. Connect the brush motor wire connectors into the machine's wire harness and secure connectors with wire-tie as shown (Figure 5).
NOTE: The machine's harness wires are labeled "RIGHT MOTOR" (white wire) and LEFT MOTOR" (orange wire).

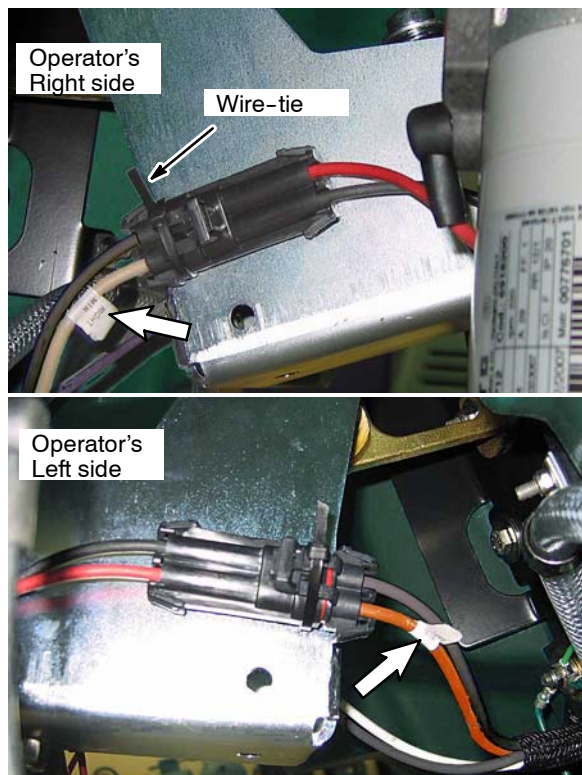


Fig. 5

6. Loosen the two screws on the actuator limit switch bracket and position the bracket as shown (Figure 6). Do not re-tighten screws at this time.

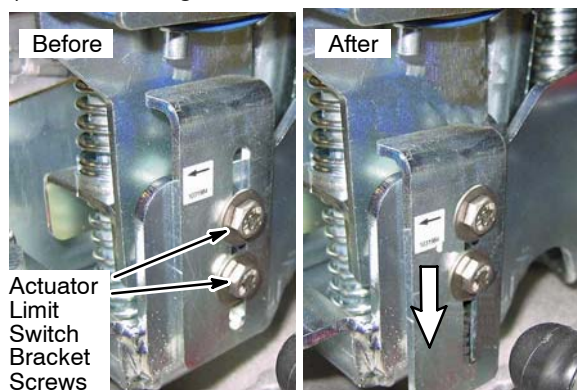


Fig. 6

7. Turn the key on and lower the actuator bracket to the scrub head (Figure 7).



Fig. 7

8. Guide the actuator bracket into the leveling screw (Figure 8). Do not tighten down the lock nut at this time. The scrub head may need to be leveled as described later in the instructions.

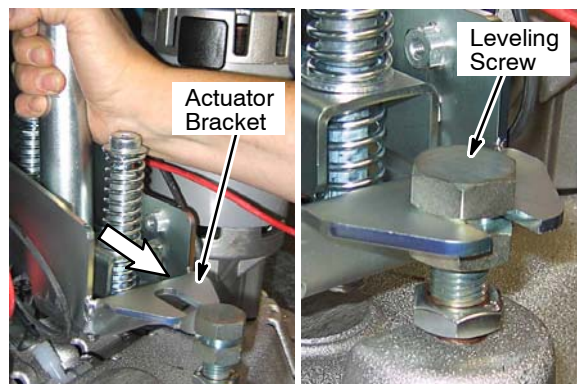


Fig. 8

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

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

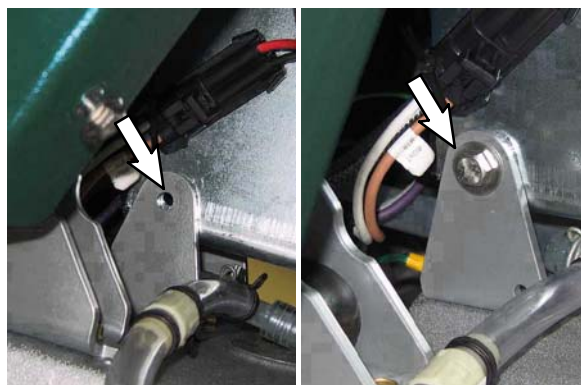


Fig. 9

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 10).

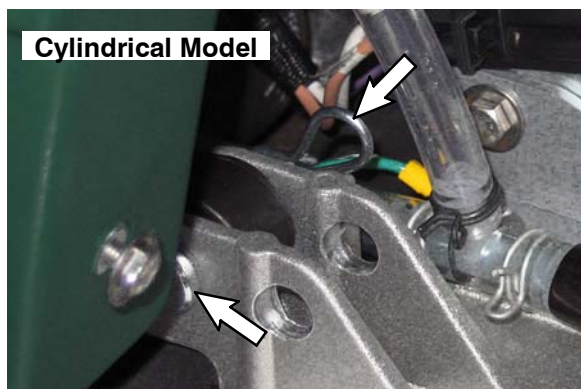
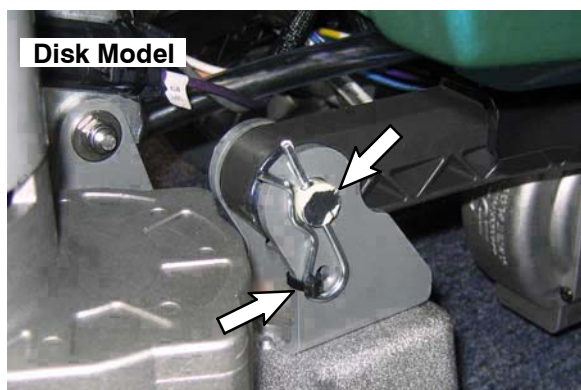


Fig. 10

11. **IMPORTANT STEP:** Adjust the actuator limit switch bracket as described below (Figure 11).

Scrub Head Size	Height (H)
24 in/ 600mm Disk	.60 in / 15 mm
28 in/ 700mm Disk	.70 in / 18 mm
32 in/ 800mm Disk	.80 in / 20 mm
24 in/ 650mm Cylindrical	.80 in / 20 mm
32 in/ 800mm Cylindrical	1.00 in / 25 mm

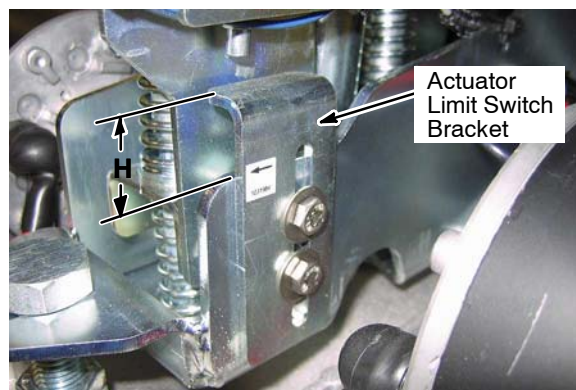


Fig. 11

12. 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
9003473	24 in/600mm Disk	1025258
9003476	26 in/650 Cylindrical	
9003474	28 in/700mm Disk	1025266
9003475	32 in/800mm Disk	
9003477	32 in/800mm Cylindrical	

Scrub Head Kit INSTALLATION INSTRUCTIONS - Continued

13. Install the supplied scrub head shroud on the machine (Figure 12).

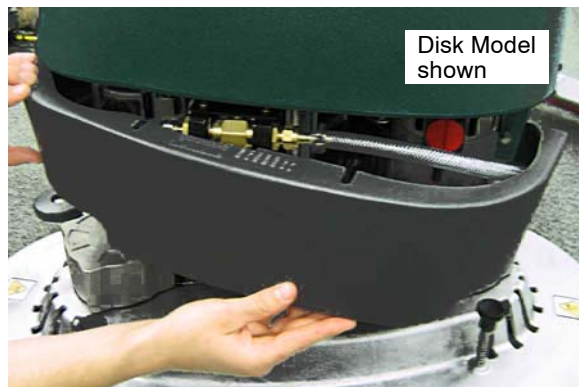


Fig. 12

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

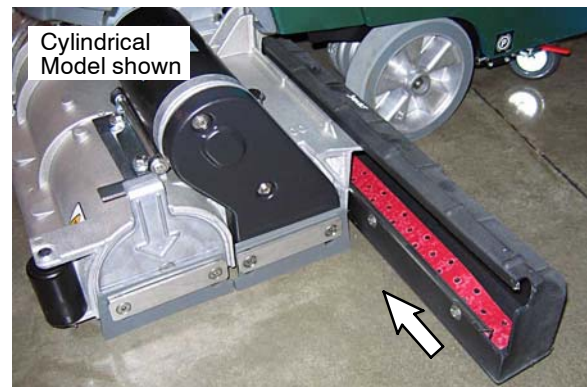


Fig. 13

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.

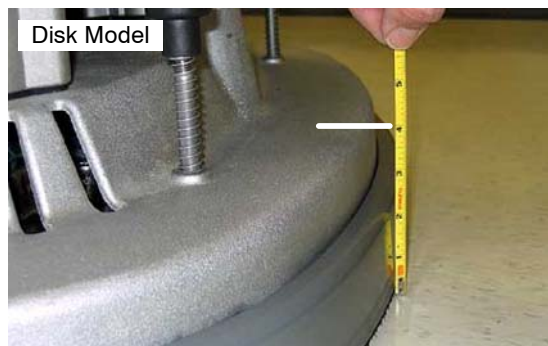


Fig. 14

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.

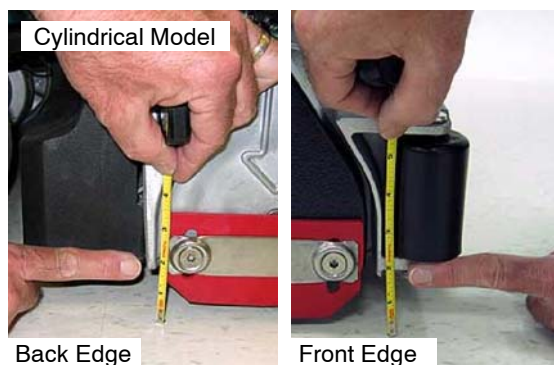


Fig. 15

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).

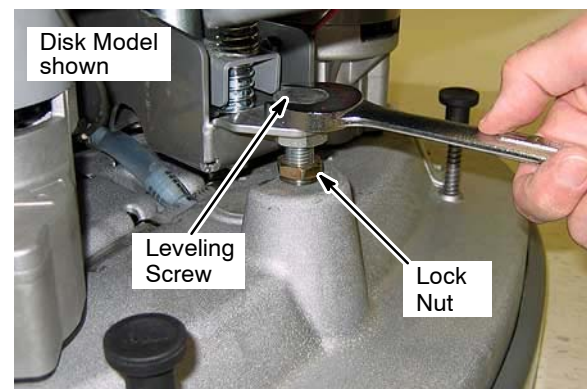


Fig. 16