



INSTRUCTION BULLETIN

No. 340738
Machine: 830I, 830II,
Sentinel
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Rev. 00

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save 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 768034 and 768036**

SYNOPSIS:

This kit contains the parts needed to install a segmented brush plate kit onto the vario brush assembly of 830I, 830II, and Sentinel sweepers.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 3/4 hour)

PREPARATION:

1. Park the machine on a clean level surface.
2. Raise and lock the vario brush in the raised position.
3. Shut off the machine, set the parking brake, and remove the keys.

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

4. Loosen the hardware holding the old vario brush onto the vario assembly and remove the vario brush from the drive hub. Refer to Fig. 1.

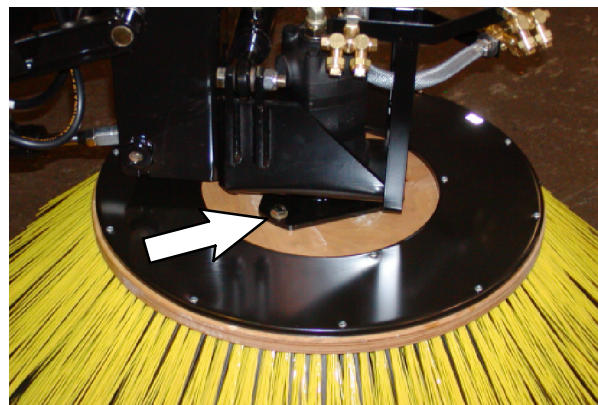


FIG. 1

*NOTE: If installing a segmented brush onto **830I / 830II** machines, **save** all hardware used to hold the old brush onto the vario brush assembly since these items are needed to install the new brush.*

*NOTE: If installing a segmented brush onto a **Sentinel** machine, **discard** all hardware used to hold the old brush onto the vario brush assembly.*

INSTALLATION:

1. Use two hex screws (7), two flat washers (8), one hex screw (6), and two flat washers (3) to attach each of the four brush segments (5) to the brush segment plate (1). Refer to Fig. 2.

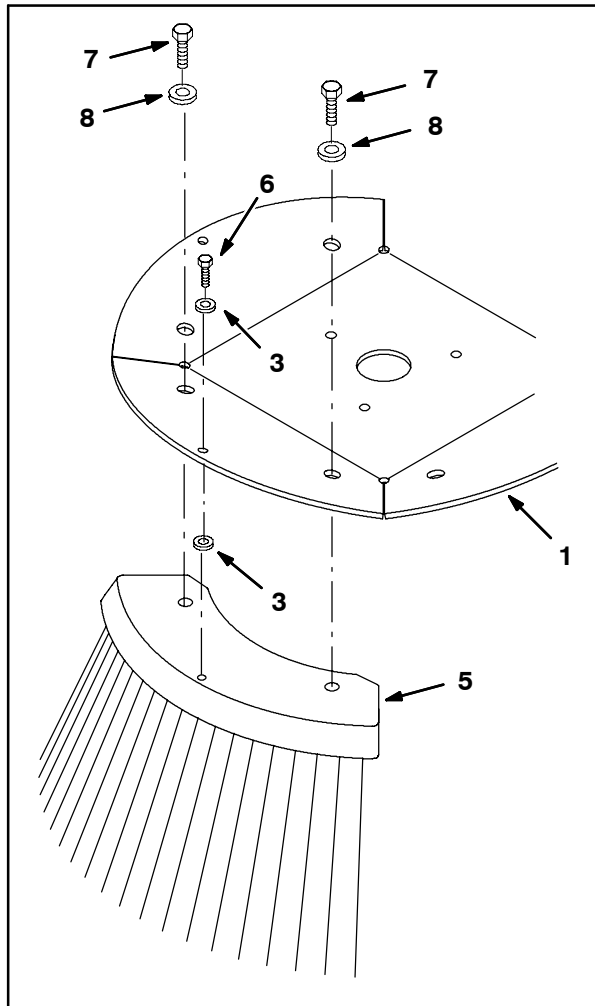


FIG. 2

2. **830I & 830II machines only:** Align the brush mounting holes with the three holes in the the brush hub and use the saved hardware (three hex screws (2) and three hex nuts (4) if existing hardware is damaged) to attach the brush assembly assembled in the previous step to the brush hub. **Do not** install the spacers (9). Refer to Fig. 3.

Sentinel machines only: Align the brush mounting holes with the three holes in the brush hub and use three hex screws (10), three hex nuts (4), and three spacers (9) to attach the brush assembly to the brush hub. Refer to Fig. 3.

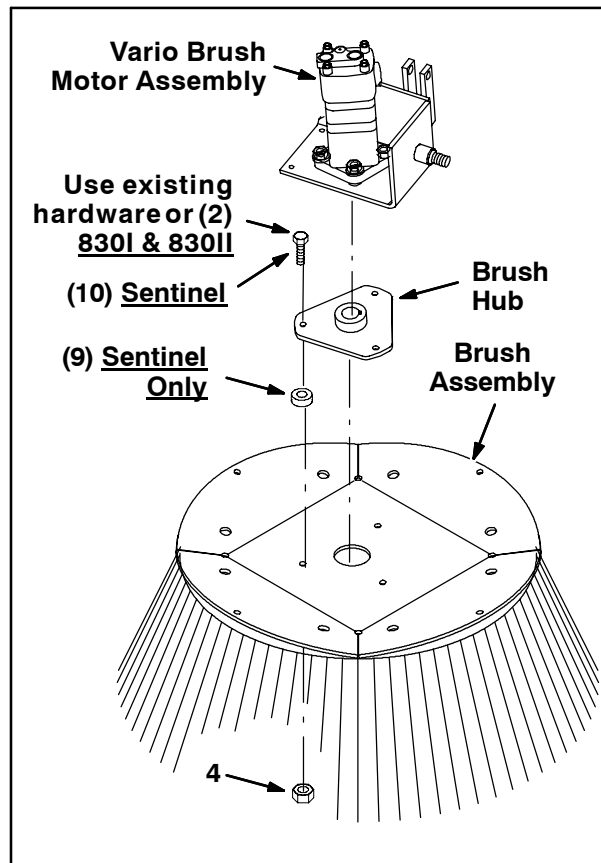


FIG. 3

3. Start machine and test the brush to ensure it functions properly.

Bill of Materials for Kit, Brush, Segment, 38D, PYP, CI-768034

	Ref.	Tennant Part No.	Description	Qty.
▽		768034	Kit, Brush, Segment, 38D, PYP, CI	1
▲	1	768026	Plate, Brush, Segment, 24.4 D Front	1
▲	2	03192	Screw, Hex, M10 X 1.5 X 30, 8.8	3
▲	3	32492	Washer, Flat, 0.38 Std	10
▲	4	41430	Nut, Hex, Lock, M10 X 1.5, NI	3
▲	5	768028	Brush, Set, Segment, PYP, [830]	1
▲	6	27989	Screw, Hex, .38-16 X 1.75, 5	4
▲	7	48416	Screw, Hex, .62-11 X 1.75, 5	8
▲	8	32494	Washer, Flat, 0.62 Std	8
▲	9	1017282	Spacer, 1.25OD X .431D X .50H	3
▲	10	06962	Screw, Hex, M10 X 1.5 X 45, 8.8	3

Bill of Materials for Kit, Brush, Segment, 38D, PYP, Stl Wir, CI-768036

	Ref.	Tennant Part No.	Description	Qty.
▽		768036	Kit, Brush, Segment, 38D, PYP, Stl Wir, CI	1
▲	1	768026	Plate, Brush, Segment, 24.4 D Front	1
▲	2	03192	Screw, Hex, M10 X 1.5 X 30, 8.8	3
▲	3	32492	Washer, Flat, 0.38 Std	10
▲	4	41430	Nut, Hex, Lock, M10 X 1.5, NI	3
▲	5	768030	Brush, Set, Segment, PYP FTW, [830]	1
▲	6	27989	Screw, Hex, .38-16 X 1.75, 5	4
▲	7	48416	Screw, Hex, .62-11 X 1.75, 5	8
▲	8	32494	Washer, Flat, 0.62 Std	8
▲	9	1017282	Spacer, 1.25OD X .431D X .50H	3
▲	10	06962	Screw, Hex, M10 X 1.5 X 45, 8.8	3

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