



INSTRUCTION BULLETIN

No. 340569
Machine: 7200
Published: 4-03
Rev. 01

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 392101**

DESCRIPTION:

This kit contains the parts needed to install a Pre-Sweep™ kit on the model 7200 scrubber. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: Hand Drill, 2.77 mm (7/64) drill bit, 50.8 mm (2.0 in) hole saw

(Estimated time to complete: 2 hours)

PREPARATION:

(Refer to FIG. 1 thru 11)

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

1. Unplug the battery connector under the operator seat, close the seat support.



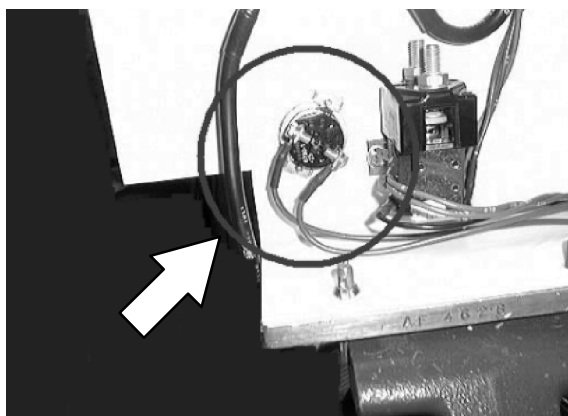
WARNING: Always disconnect battery cables from machine before working on electrical components.

INSTALLATION:

(Refer to FIG. 1 thru 11)

1. Remove and set aside the two screws at the top of the the circuit breaker panel. Lower the panel, in front of the operator's seat, to access the back side of the circuit breaker panel. (Refer to FIG. 9)
2. Install the new 25 amp circuit breaker (8) in the CB10 position (lower right hand corner) of the the circuit breaker panel with two pan screws (9) and flat washers (10). Connect wires 6E BLU and 97 PUR from the main harness to the new CB10. (Refer to FIG. 9)

NOTE: Check that the numbers on the front side of the circuit breakers are all parallel with each other.

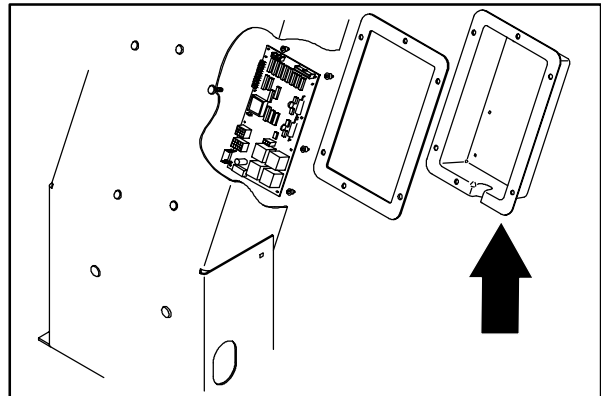


3. Install the new 10 amp resettable circuit breaker (11) in the CB4 position with the circuit breaker boot (12). Connect wires 6/6D BLU and 9A BRN from the harness to the new CB4 (Refer to FIG. 9).

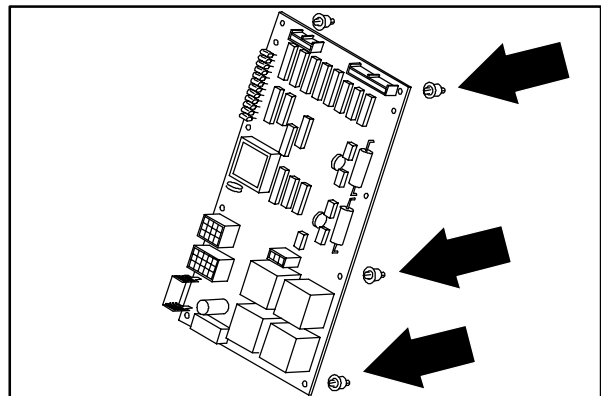
NOTE: Machines equipped with other options (vacuum wand) may already be equipped with CB4).

NOTE: Check that the numbers on the front side of the circuit breakers are all parallel with each other.

4. Put the grounding strap on by placing the exposed adhesive side firmly around your wrist. Attach the copper foil end to an exposed electrical ground or unpainted hardware.
5. Locate the circuit board cover on the inside, front wall of the steering support.
6. Remove the six hex nuts holding the circuit board cover on the frame.
7. Pull the circuit board cover back to access the circuit board.
8. Unplug the two ribbon cables and three wire connectors from the circuit board.
9. Note the orientation of the old circuit board. Remove the circuit board from the machine.

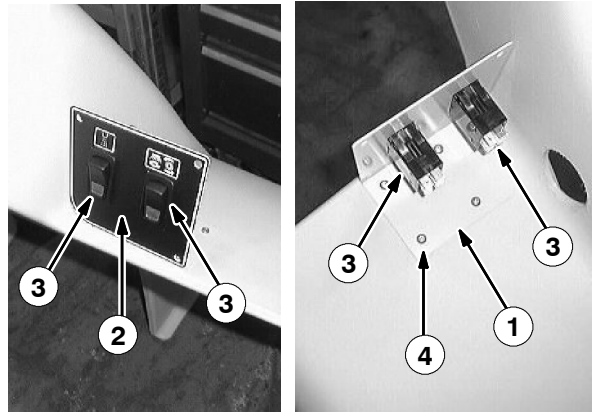


10. Position the new circuit board on the plastic stand-offs. Gently push the board down until the board snaps into place on the stand offs.
11. Reconnect the three wire connectors and two ribbon cables to the new circuit board.
12. Position the circuit board cover back up on the inside, front wall of the steering support, behind the control panel. Secure the circuit board cover with the set aside hex nuts.



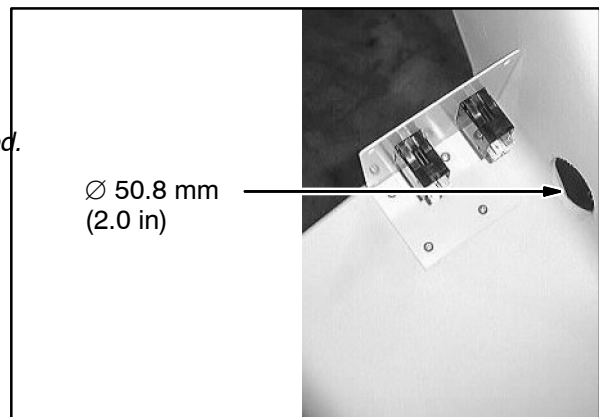
13. Using the switch panel (1) as a template, mark and drill four 2.78 mm (7/64") mounting holes in the right side of the front shroud. (Refer to FIG. 9)

14. Mount the switch panel (1) to the shroud with four pan screws (4). Install the switch label (2) and switches (3) in the switch panel. Oriented the switches with the lights on the bottom of the switches (Refer to FIG. 9)

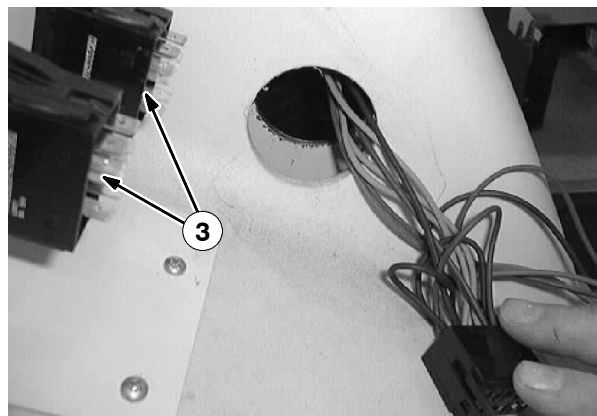


15. Mark and drill the 50.8 mm (2 in) hole in the side of the shroud. (Refer to FIG. 9)

NOTE: Locate the hole centerpoint so that the hole will be covered by the switch assembly cover when reinstalled.



16. Route the wire harness through the new hole in the shroud, and connect the harness to the two new rocker switches (3). (Refer to FIG. 8)



17. Install the cover (5) on the switch panel (1) with pan screws (6) and lock washers (7). (Refer to FIG. 9)

18. Close the circuit breaker panel, and secure it with the set aside mounting hardware. Tighten the hardware to 18–24 Nm (15–20 ft lb). (Refer to FIG. 9)

19. Remove the step bumper from the right hand side of the machine.

20. Install the new Pre-Sweep™ bumper on the right hand side of the machine with seven hex screws (2) and washers (3). (Refer to FIG. 10)

21. Remove the cover and rear block of the shipping crate to mount the Pre-Sweep™ assembly to the front of the machine.

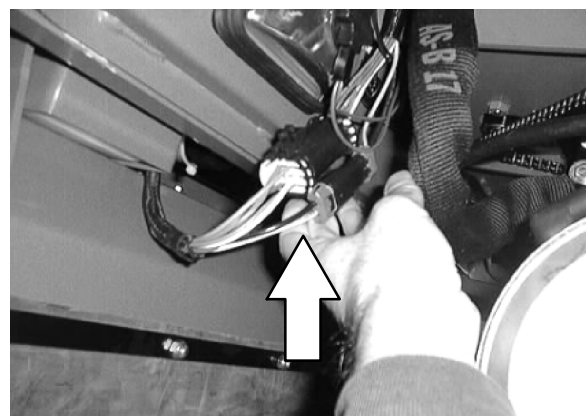
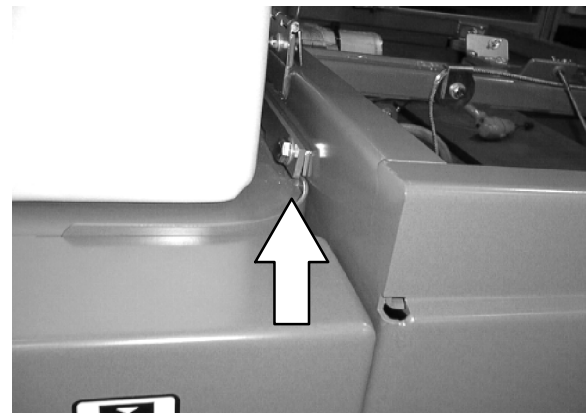
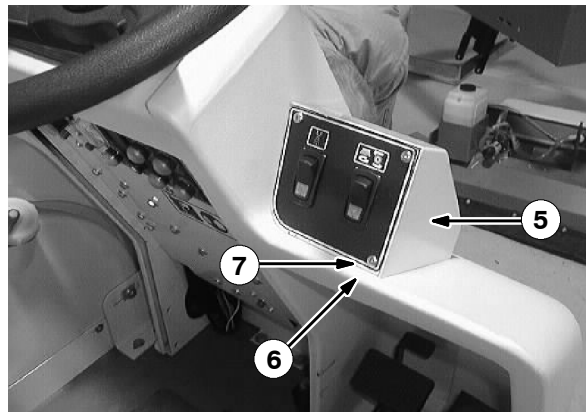
22. Loosen the screws on the retainer on top of the assembly.

23. Carefully align the clamp plates (2, 3). Lower the Pre-Sweep™ assembly so that the top clamp plates (2, 3) slide down on the frame. (Refer to FIG. 1)

24. Check that the mounting holes line up with the frame weldments.

25. Mount the Pre-Sweep™ assembly to the front of the machine with two hex screws (7) and washers (8). Torque the mounting hardware to 22.5–28 Nm (16–20 ft lbs). (Refer to FIG. 1)

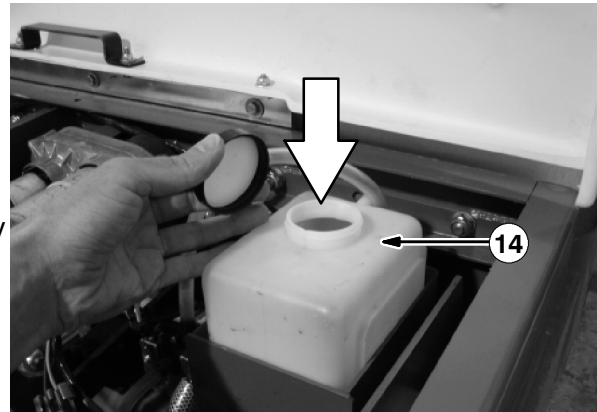
26. Connect the two plugs from the Pre-Sweep™ assembly wire harness to the main harness, under the front left corner of the machine. (Refer to FIG. 11).



27.Reconnect the battery cables to the machine.

28.Open the Pre-Sweep™ assembly cover and fill the solution tank (14). (Refer to FIG. 8)

29.Close the solution tank and Pre-Sweep™ assembly cover. Turn the machine power on. Start the Pre-Sweep™ assembly and dust control system. Check both systems for proper operation.



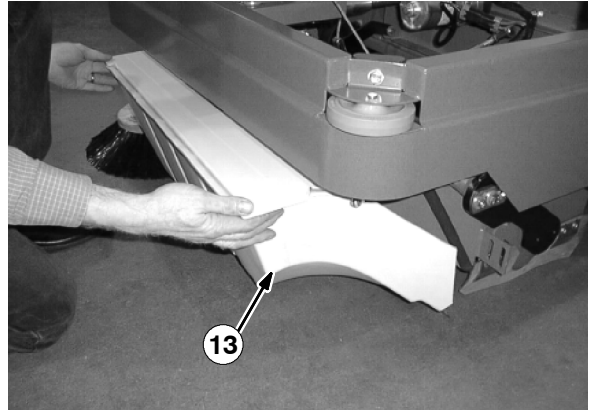
TO INITIALIZE NEW CONTROL BOARD:

1. Turn the machine power on.
2. Push and hold the brush “DOWN PRESSURE” button until the desired down pressure setting is indicated.
3. Initialization is now complete.

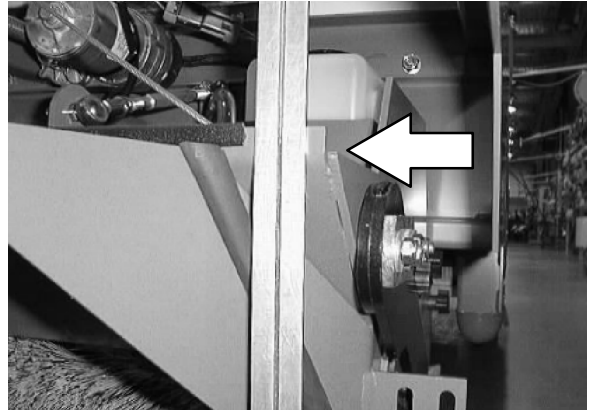
BRUSH HOUSING HEIGHT ADJUSTMENT:

NOTE: The brush housing height is factory set and should not need adjustment immediately. Check the brush housing height adjustment every 100 hours of machine operation.

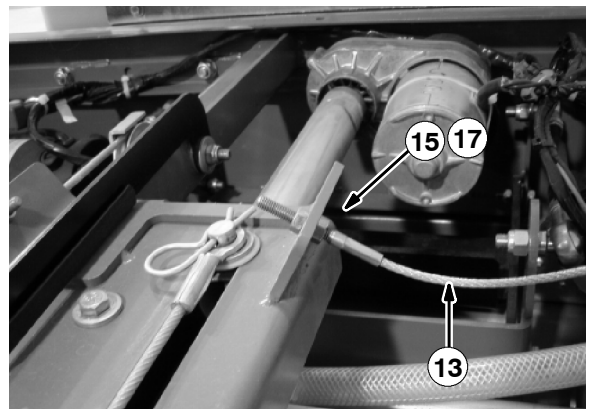
1. Turn the machine power on and place the machine on a smooth, level surface.
2. Lower the Pre-Sweep™ assembly to the sweeping position. When the Pre-Sweep™ assembly is lowered all the way down, turn the machine power off.
3. Lift and remove the Pre-Sweep™ assembly cover and remove the debris hopper (13) from the front edge of the Pre-Sweep™ assembly. (Refer to FIG. 2)
4. Locate the top edge of the brush housing (1). (Refer to FIG. 4)



5. Using a ruler, check the height of the front top edge of the brush housing, on the far right and left sides of the machine. The height of the top edge should be 300 mm (11.75 in).



6. If the height of the brush housing (1) is not correct, adjust the height of the housing using the jam nuts (17) on the stop cables (13) to achieve proper height. Tighten the jam nuts (17) after adjusting.

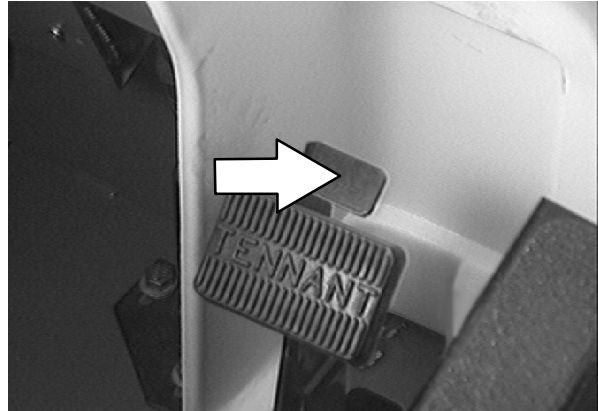


BRUSH PATTERN ADJUSTMENT:

(Refer to FIG. 5 and 6)

NOTE: The brush pattern is factory set and should not need adjustment immediately. Check the brush pattern every 100 hours of machine operation.

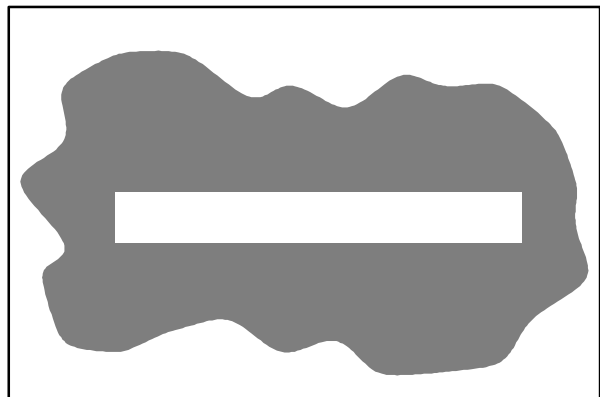
1. Apply chalk (or another material that will not easily blow away), to a smooth, level section of the floor.
2. Drive the machine so the Pre-Sweep™ assembly is centered in the chalk.
3. Set the parking brake.



4. Lower the Pre-Sweep™ assembly in the chalked area. Slowly press down on the directional pedal until the Pre-Sweep™ brush begins to sweep. Allow the machine to sweep in the same place for 15 to 20 seconds.

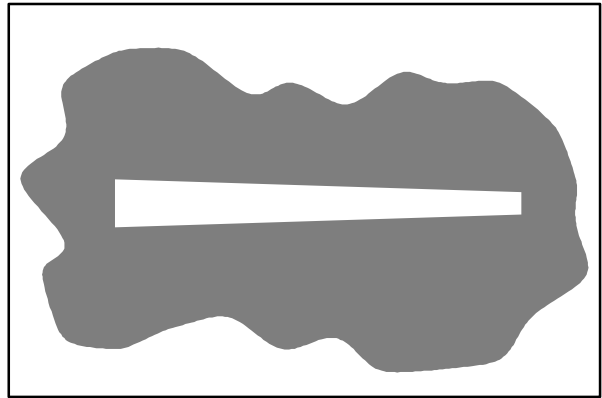
NOTE: If chalk or other material is not available, allow the brush to spin on the floor for two minutes. A polish mark will remain on the floor.

5. Raise the Pre-Sweep™ assembly and move the machine away from the chalked area. Turn the machine power off.
6. Observe the shape of the brush pattern. If the brush pattern has parallel sides, the brush does not need adjustment.



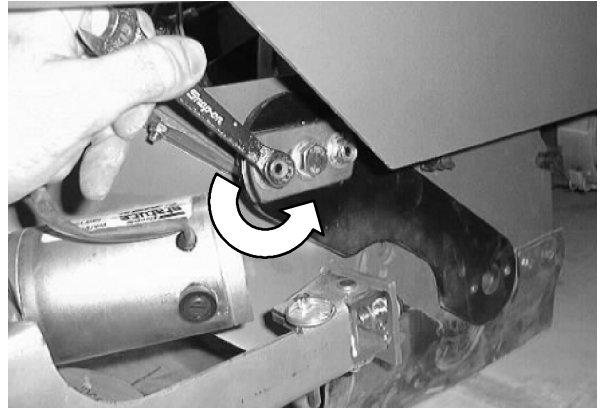
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If the brush pattern is tapered, the brush needs adjustment to straighten the brush pattern.



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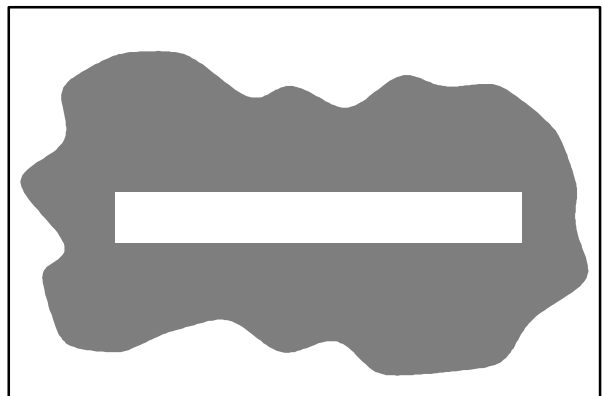
1. To adjust the brush taper, loosen the two lock nuts (4) on the left hand brush arm.
2. Turn the machine power on and lower the Pre-Sweep™ assembly. Allow the brush to float in place for 15 to 20 seconds.



3. Tighten the two lock nuts (4) on the left hand brush arm.



4. Check the brush pattern again and readjust as necessary until the width of the pattern is the same along the length of the brush pattern.



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FIG. 1 - Pre-Sweep™ Frame Installation (008300-)

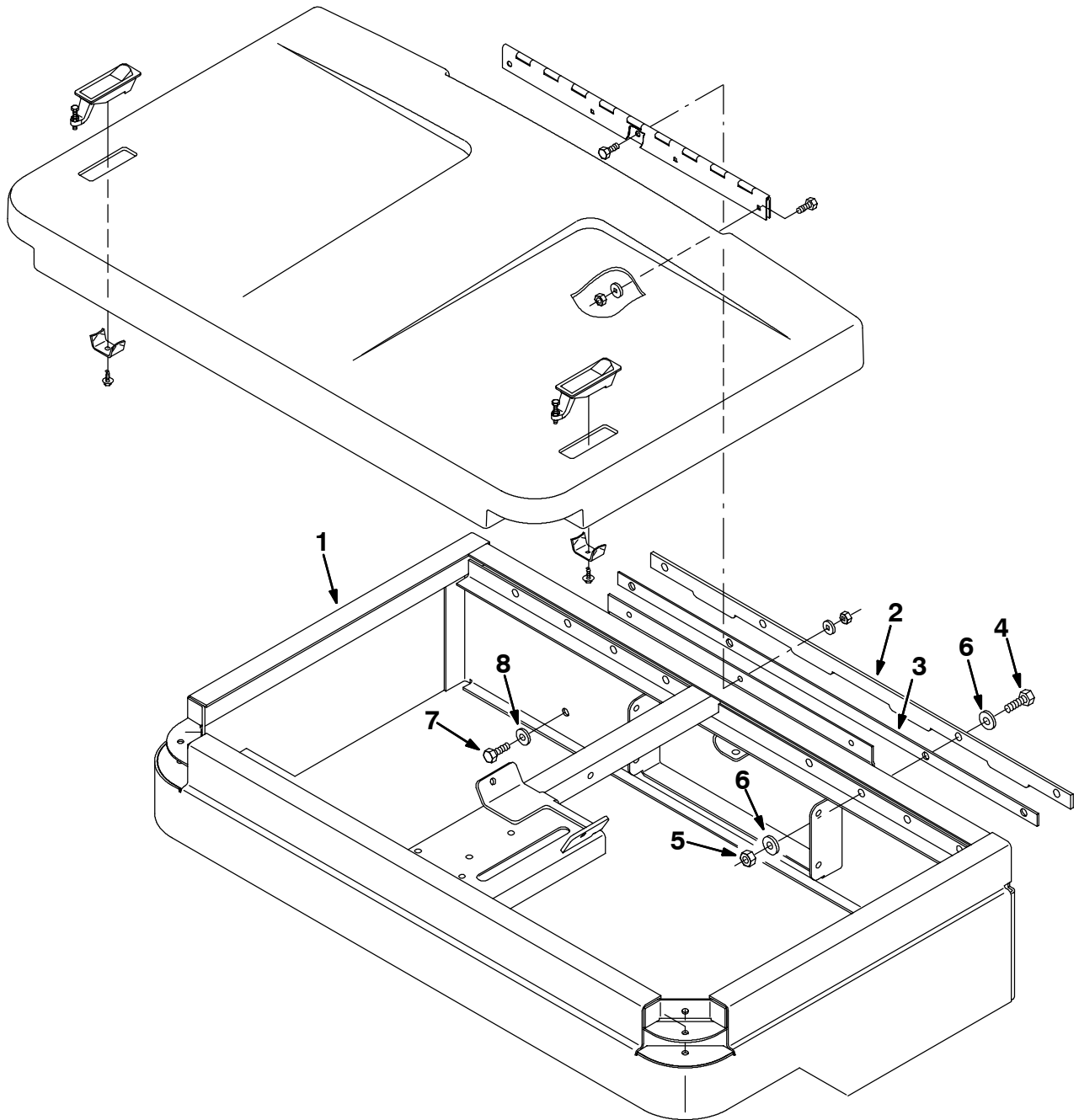


FIG. 1 - Pre-Sweep Frame™ Installation (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392135	(008300-)	Frame Wldt, Presweep	1
2	392128	(008300-)	Plate, Clamp	1
3	392129	(008300-)	Plate, Clamp	1
4	03192	(008300-)	Screw, Hex, M10 X 1.5 X 30, 8.8	4
5	41430	(008300-)	Nut, Hex, Lock, M10 X 1.5, NI	4
6	32485	(008300-)	Washer, Flt, .38 Sae	8
7	16931	(008300-)	Screw, Hex, M08 X 1.25 X 20, 8.8	4
8	41186	(008300-)	Washer, Belleville, .31	2

FIG. 2 - Pre-Sweep™ Frame and Hopper Group (008300-)

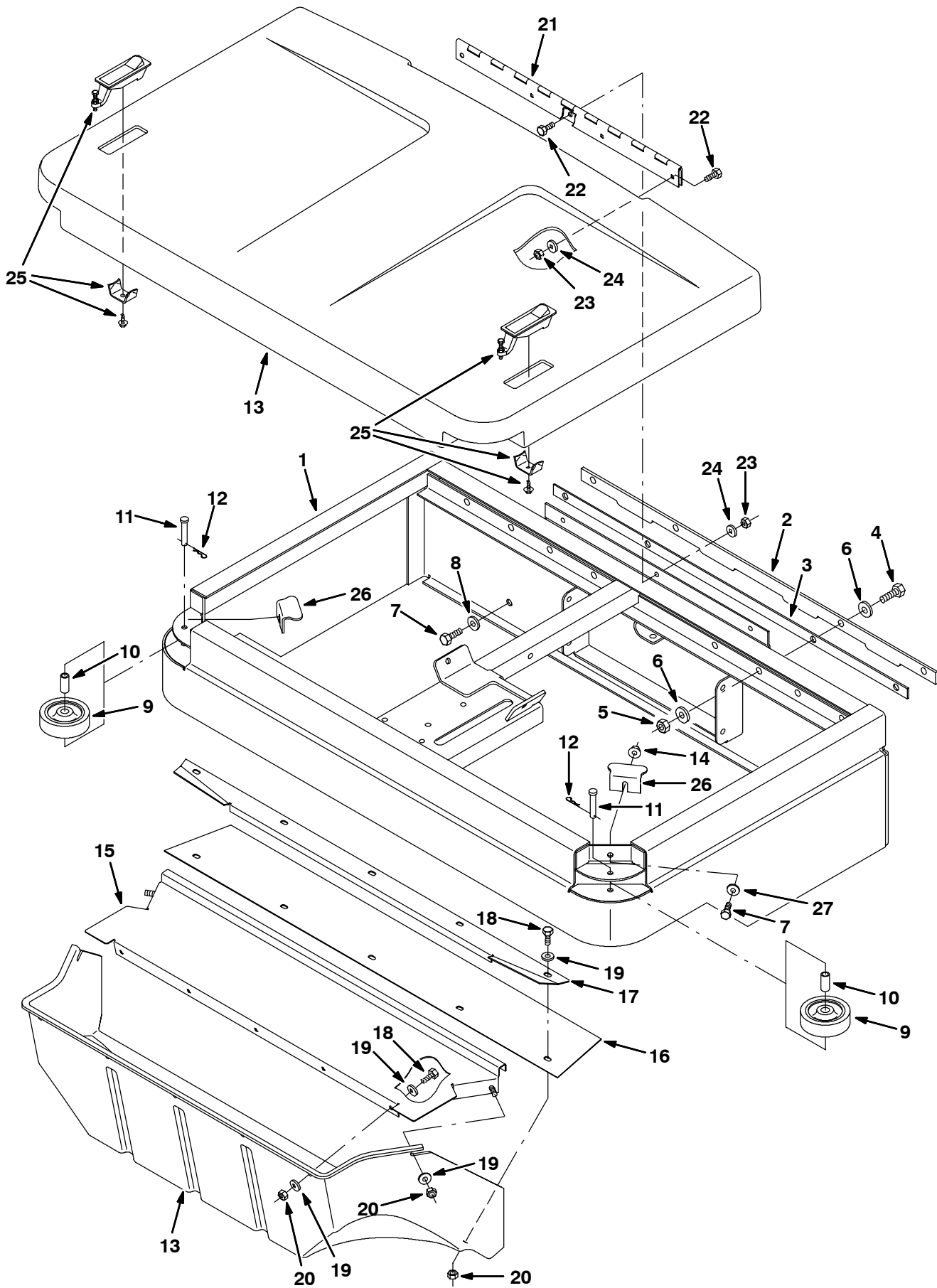


FIG. 2 - Pre-Sweep Frame™ and Hopper Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392135	(008300-	) Frame Wldt, Presweep	1
2	392128	(008300-	) Plate, Clamp	1
3	392129	(008300-	) Plate, Clamp	1
4	03192	(008300-	) Screw, Hex, M10 X 1.5 X 30, 8.8	4
5	41430	(008300-	) Nut, Hex, Lock, M10 X 1.5, NI	4
6	32485	(008300-	) Washer, Flt, .38 Sae	8
7	16931	(008300-	) Screw, Hex, M08 X 1.25 X 20, 8.8	4
8	41186	(008300-	) Washer, Belleville, .31	2
9	81580	(008300-	) Wheel, 4.0d 0.87w 0.44b	2
10	383910	(008300-	) Sleeve, P/M, 0.437d 0.318b 1.06l 430ss	2
11	81581	(008300-	) Pin, Clevis, 0.31 D X 1.75l	2
12	08085	(008300-	) Pin, Hair Cotter, 0.31 D .058 Wir	2
13	392194	(008300-	) Kit, Mold Parts	1
14	07791	(008300-	) Nut, Hex, Flng, M08 X 1.25	2
15	392145	(008300-	) Cover, Hopper	1
16	392143	(008300-	) Skirt, Hoppr Lip	1
17	392144	(008300-	) Retainer, Hoppr Lip	1
18	08716	(008300-	) Screw, Hex, M06 X 1.0 X 20, Ss	10
19	01684	(008300-	) Washer, Flt, .25 Ss	17
20	08712	(008300-	) Nut, Hex, Lock, M06 X 1.0, NI, Ss	12
21	392151	(008300-	) Hinge, Cover	1
22	06942	(008300-	) Screw, Hex, M06 X 1.0 X 16, 8.8	7
23	08708	(008300-	) Nut, Hex, Lock, M06 X 1.0, NI	7
24	32483	(008300-	) Washer, Flt, .25 Sae	7
25	398806	(008300-	) Latch	2
26	392195	(008300-	) Angle, Latch Strike	2
27	32490	(008300-	) Washer, Flt, .25 Std	2

FIG. 3 - Pre-Sweep™ Brush Lift Group (008300-)

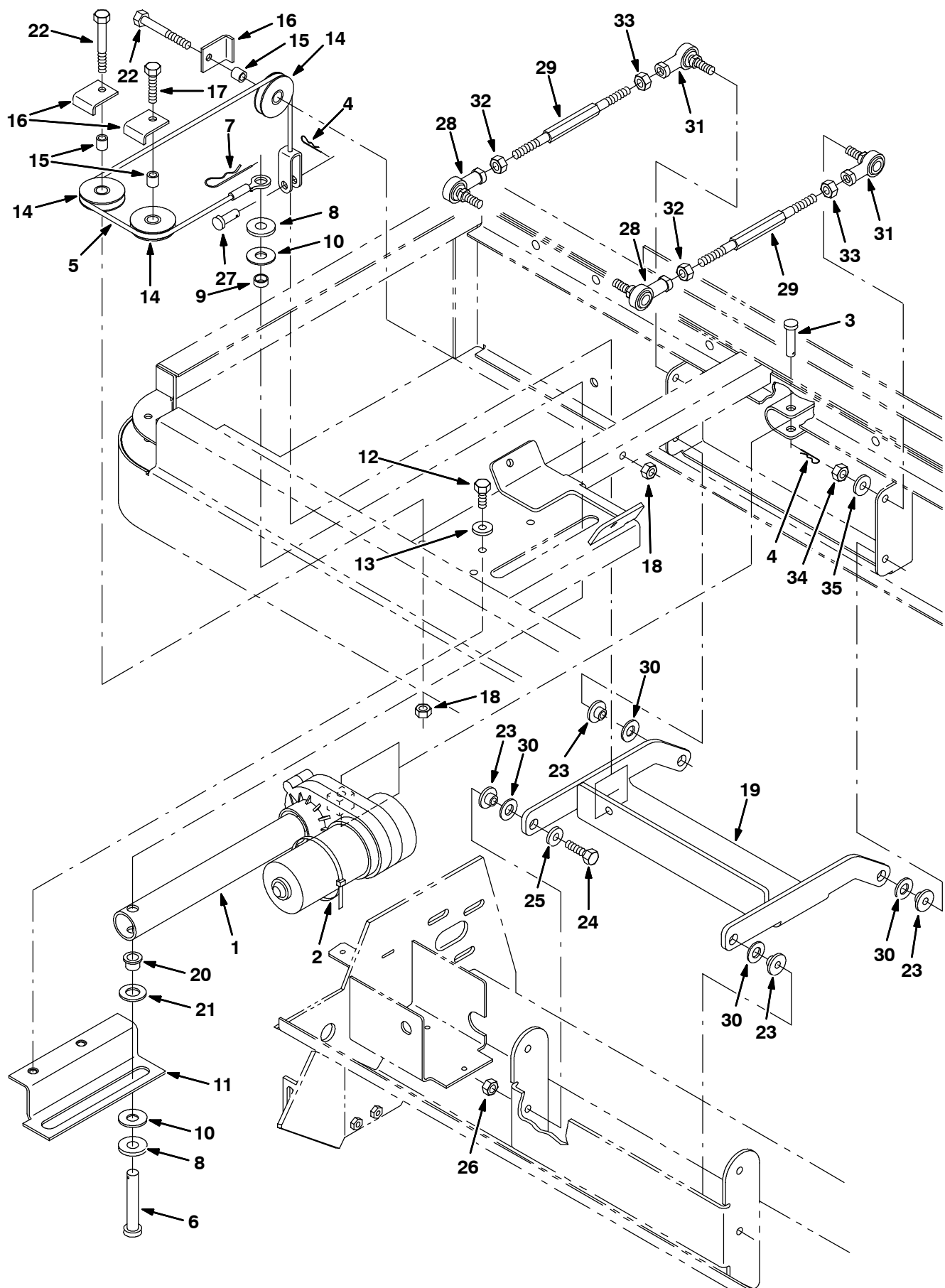


FIG. 3 - Pre-Sweep™ Brush Lift Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	393056	(008300-	) Actuator, 36Vdc	1
2	49263	(008300-	) Tie, Cable, Nyl, 11.4l .19w 3.0 Max D	1
3	29558	(008300-	) Pin, Clevis, 0.37 D X 1.50l	1
4	86866	(008300-	) Pin, Hair Cotter, 0.38 D .072 Wir	2
5	392233	(008300-	) Cable, .13d, 27.5l, .4clevis/.55eye	1
6	23683	(008300-	) Pin, Clevis, 0.50 D X 3.00l	1
7	02942	(008300-	) Pin, Hair Cotter, 0.62 D .120 Wir	1
8	32493	(008300-	) Washer, Flt, .50 Std	2
9	140145	(008300-	) Sleeve, P/M, 0.625d 0.500b 0.25l Stl Plt	1
10	86952	(008300-	) Washer, 0.52b 1.25d .06, Nyl	2
11	392286	(008300-	) Bracket, Actuator	1
12	16931	(008300-	) Screw, Hex, M08 X 1.25 X 20, 8.8	2
13	32491	(008300-	) Washer, Flt, .31 Std	2
14	74391	(008300-	) Pulley Assy, Cable, 2.0d 0.50b	3
15	222460	(008300-	) Sleeve, P/M, 0.496d 0.318b 0.50l 430ss	3
16	54400	(008300-	) Bracket, Angle, Keeper, Cable	3
17	06955	(008300-	) Screw, Hex, M08 X 1.25 X 35, 8.8	3
18	08709	(008300-	) Nut, Hex, Lock, M08 X 1.25, NI	3
19	392198	(008300-	) Arm, Lower	1
20	393059	(008300-	) Bushing, Flng, 0.50B 0.62D 0.40L	1
21	20536-1	(008300-	) Washer, 0.64b 1.19d .06, Nyl	1
22	39279	(008300-	) Screw, Hex, M08 X 1.25 X 70, 8.8	2
23	397060	(008300-	) Sleeve, Flng, 0..50d 0.32b .3l Ss	4
24	76570	(008300-	) Screw, Hex, M08 X 1.25 X 30, 8.8	4
25	32490	(008300-	) Washer, Flt, .25 Std	4
26	08709	(008300-	) Nut, Hex, Lock, M08 X 1.25, NI	4
27	09088	(008300-	) Pin, Clevis, 0.37 D X 1.00l	1
28	86781	(008300-	) Rod-End, .38-24rh Fem 0.38-24stud	2
29	392158	(008300-	) Arm	2
30	630447	(008300-	) Washer M12.7x25.4x.8 Ny	4
31	86780	(008300-	) Rod-End, .38-24lh Fem 0.38-24stud	2
32	20171	(008300-	) Nut, Hex, Jam, .38-24	2
33	82889	(008300-	) Nut, Hex, Jam, .38-24, Lh	2
34	32492	(008300-	) Washer, Flt, .38 Std	4
35	67312	(008300-	) Nut, Hex, Lock, .38-24, NI	4

FIG. 4 - Pre-Sweep™ Brush Housing and Skirts Group (008300-)

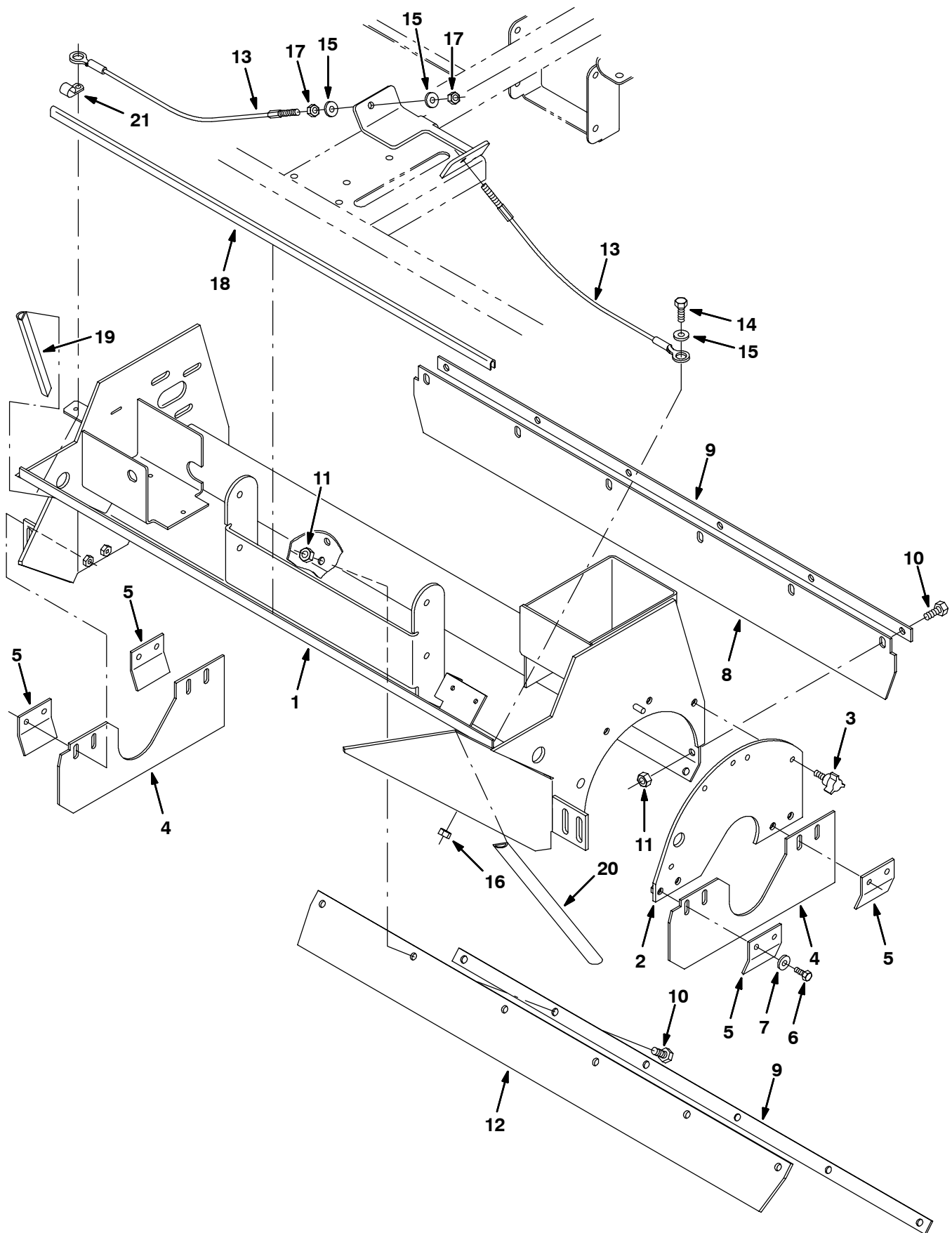


FIG. 4 - Pre-Sweep™ Brush Housing and Skirts Group (008300-**)***NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11*

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392231	(008300-	) Housing Wldt, Brush	1
2	392226	(008300-	) Plate, Removal, Brush	1
3	397225	(008300-	) Knob Assy, Star, 1.12d 3ear M6x1.0 0.8l	4
4	392200	(008300-	) Skirt, Side	2
5	392261	(008300-	) Retainer, Skirt	4
6	11329	(008300-	) Screw, Hex, M06 X 1.0 X 16, Ss, NI	8
7	01684	(008300-	) Washer, Flt, .25 Ss	8
8	392202	(008300-	) Skirt, Rear	1
9	392203	(008300-	) Retainer, Skirt	2
10	09740	(008300-	) Screw, Hex, M08 X 1.25 X 20, Ss	12
11	08713	(008300-	) Nut, Hex, Lock, M08 X 1.25,NI, Ss	12
12	392204	(008300-	) Skirt, Recirculation	1
13	392239	(008300-	) Cable, .13d, 15.70l, .25eye /M06x1.0	2
14	06943	(008300-	) Screw, Hex, M06 X 1.0 X 20, 8.8	2
15	32483	(008300-	) Washer, Flt, .25 Sae	6
16	08708	(008300-	) Nut, Hex, Lock, M06 X 1.0, NI	2
17	41359	(008300-	) Nut, Hex, Std, M06 X 1.0	4
18	392291	(008300-	) Molding, Trim, .08-.11 31.00	1
19	392287	(008300-	) Seal, Hopper, Rh.	1
20	392288	(008300-	) Seal, Hopper, Lh	1
21	26395-1	(008300-	) Clamp, Cable, Stl, 0.56d X 0.38w, 1h	1

FIG. 5 - Pre-Sweep™ Brush Drive Group (008300-)

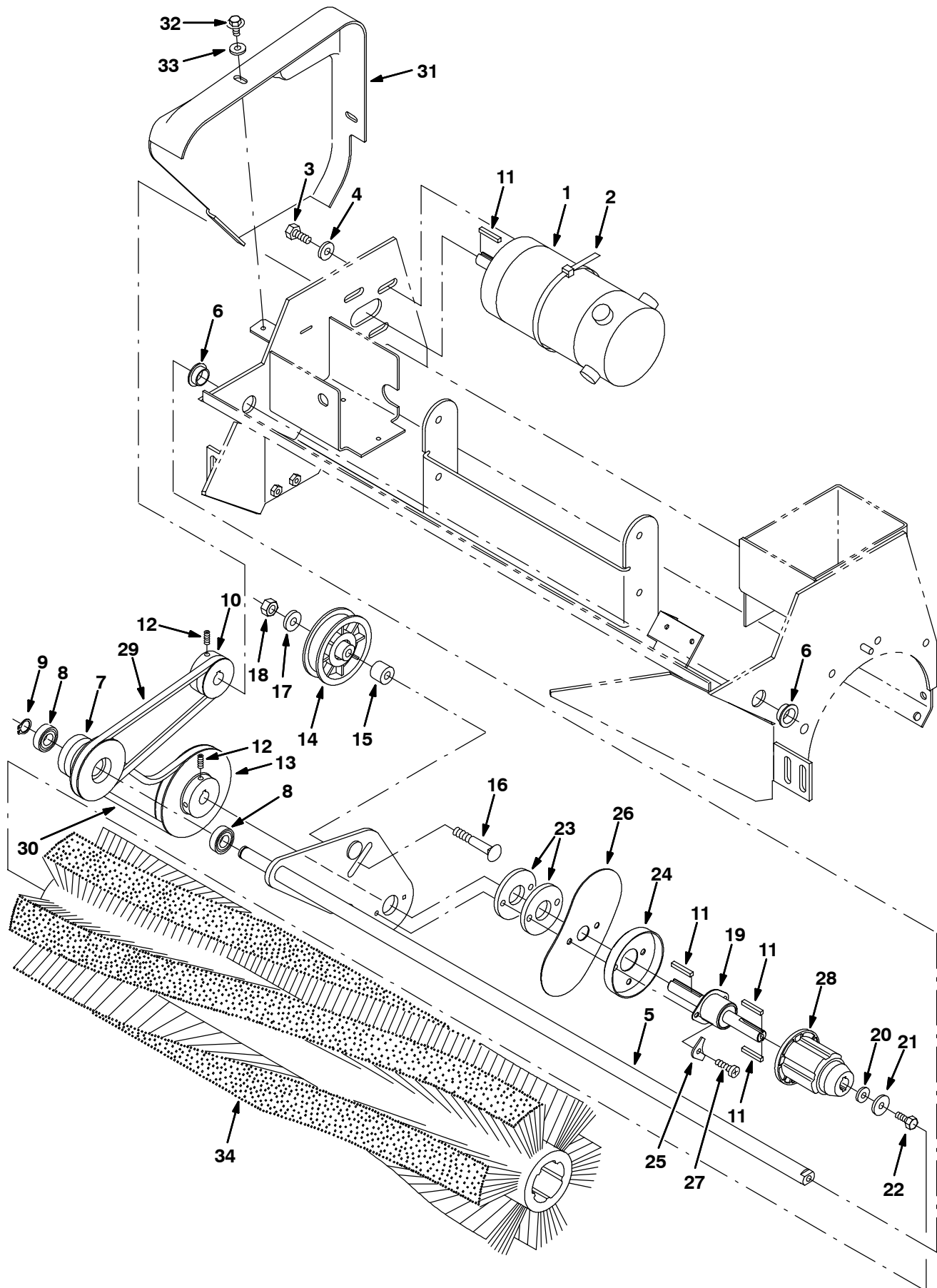


FIG. 5 - Pre-Sweep™ Brush Drive Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	81940	(008300-	) Motor, Ele, 36vdc, 0.60hp, 1800rpm (See Breakdowns)	1
2	763116	(008300-	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	1
3	16931	(008300-	) Screw, Hex, M08 X 1.25 X 20, 8.8	4
4	41186	(008300-	) Washer, Belleville, .31	4
5	392213	(008300-	) Arm Wldt, Brush	1
6	04928	(008300-	) Bushing, Flng, 0.75b 0.88d 0.38l	2
7	392209	(008300-	) Sheave, [3l], 2grv, 01.9/03.0pd 01.3b	1
8	41360	(008300-	) Bearing, Ball, 0.59b 1.26d 0.35w	2
9	01516	(008300-	) Ring, Retaining, Ext, 0.59d, Basic	1
10	392208	(008300-	) Sheave, [3l], 1grv, 01.9pd 0.62b	1
11	00918	(008300-	) Key, Sq, 0.19 X 0.19, 01.25l	4
12	01750	(008300-	) Screw, Set, M06 X 1.0 X 16, Soc	4
13	392207	(008300-	) Sheave, [3l], 1grv, 04.5pd 0.62b	1
14	02356	(008300-	) Sheave, Flat, 3.0d 0.75w, Brg, 0.39b	1
15	392219	(008300-	) Tube, 00.88d 00.38b 0.7l Stl Z	1
16	01150	(008300-	) Bolt, Carriage, .38-16 X 2.50, 5	1
17	01686	(008300-	) Washer, Flt, .38 Ss	1
18	59156	(008300-	) Nut, Hex, Lock, .38-16, NI, Ss	1
19	48748	(008300-	) Bearing Assy, W/ Shaft	1
20	41185	(008300-	) Washer, Belleville, .25	1
21	29570	(008300-	) Washer, 0.28b 1.00d .06, Stl	1
22	11329	(008300-	) Screw, Hex, M06 X 1.0 X 16, Ss, NI	1
23	392215	(008300-	) Spacer, Arm, Brush	2
24	32720	(008300-	) Shield, Drive Plug	1
25	32408	(008300-	) Plate, Hold-Down	2
26	392252	(008300-	) Plate, Seal, Dust	1
27	382726	(008300-	) Screw, Pan, M06x1.0 X 25, 4.8	2
28	12269	(008300-	) Plug, Drive, Brush, Nyl	1
29	392240	(008300-	) Belt, V, [3l] 24.0l	1
30	392241	(008300-	) Belt, V, [3l] 29.3l	1
31	392234	(008300-	) Guard, Belt	1
32	74455	(008300-	) Screw, Hex, M06 X 1.0 X 12, Fmg	2
33	01684	(008300-	) Washer, Flt, .25 Ss	2
34	392222	(008300-	) Brush, Swp, 32l, 6 Dr, Pyp, Spl	1

FIG. 6 - Pre-Sweep™ Brush Idler Group (008300-)

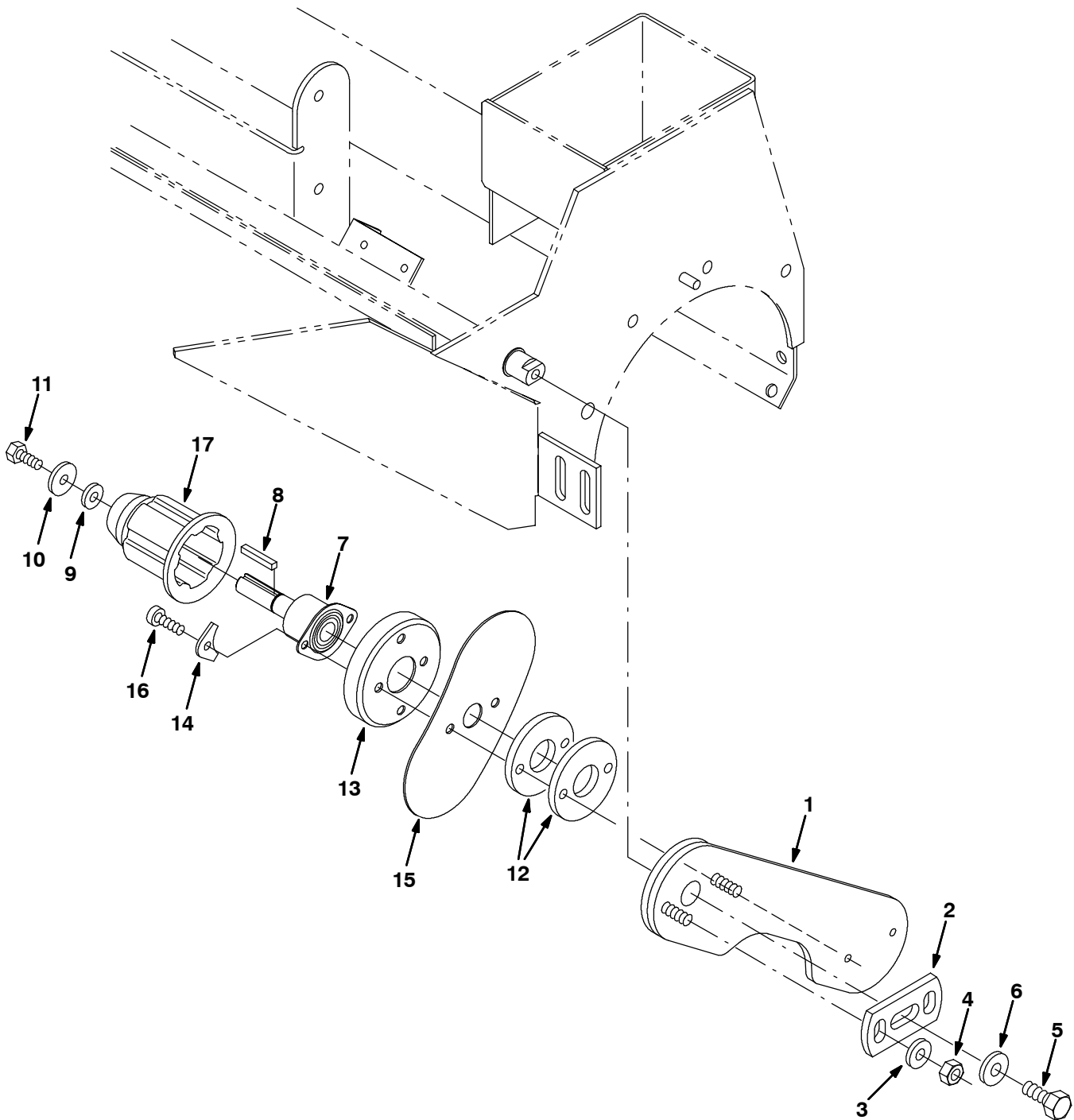


FIG. 6 - Pre-Sweep™ Brush Idler Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392214	(008300-	) Arm, Brush, Lh	1
2	392216	(008300-	) Plate, Adj	1
3	32491	(008300-	) Washer, Flt, .31 Std	2
4	08713	(008300-	) Nut, Hex, Lock, M08 X 1.25, NI, Ss	2
5	10959	(008300-	) Screw, Hex, M10 X 1.5 X 20, Ss, NI	1
6	01686	(008300-	) Washer, Flt, .38 Ss	1
7	48749	(008300-	) Bearing Assy, W/ Shaft	1
8	00918	(008300-	) Key, Sq, 0.19 X 0.19, 01.25l	1
9	41185	(008300-	) Washer, Belleville, .25	1
10	29570	(008300-	) Washer, 0.28b 1.00d .06, Stl	1
11	11329	(008300-	) Screw, Hex, M06 X 1.0 X 16, Ss, NI	1
12	392215	(008300-	) Spacer, Arm, Brush	2
13	32720	(008300-	) Shield, Drive Plug	1
14	32408	(008300-	) Plate, Hold-Down	2
15	392252	(008300-	) Plate, Seal, Dust	1
16	382726	(008300-	) Screw, Pan, M06x1.0 X 25, 4.8	2
17	12269	(008300-	) Plug, Drive, Brush, Nyl	1

FIG. 7 - Pre-Sweep™ Side Brush Group (008300-)

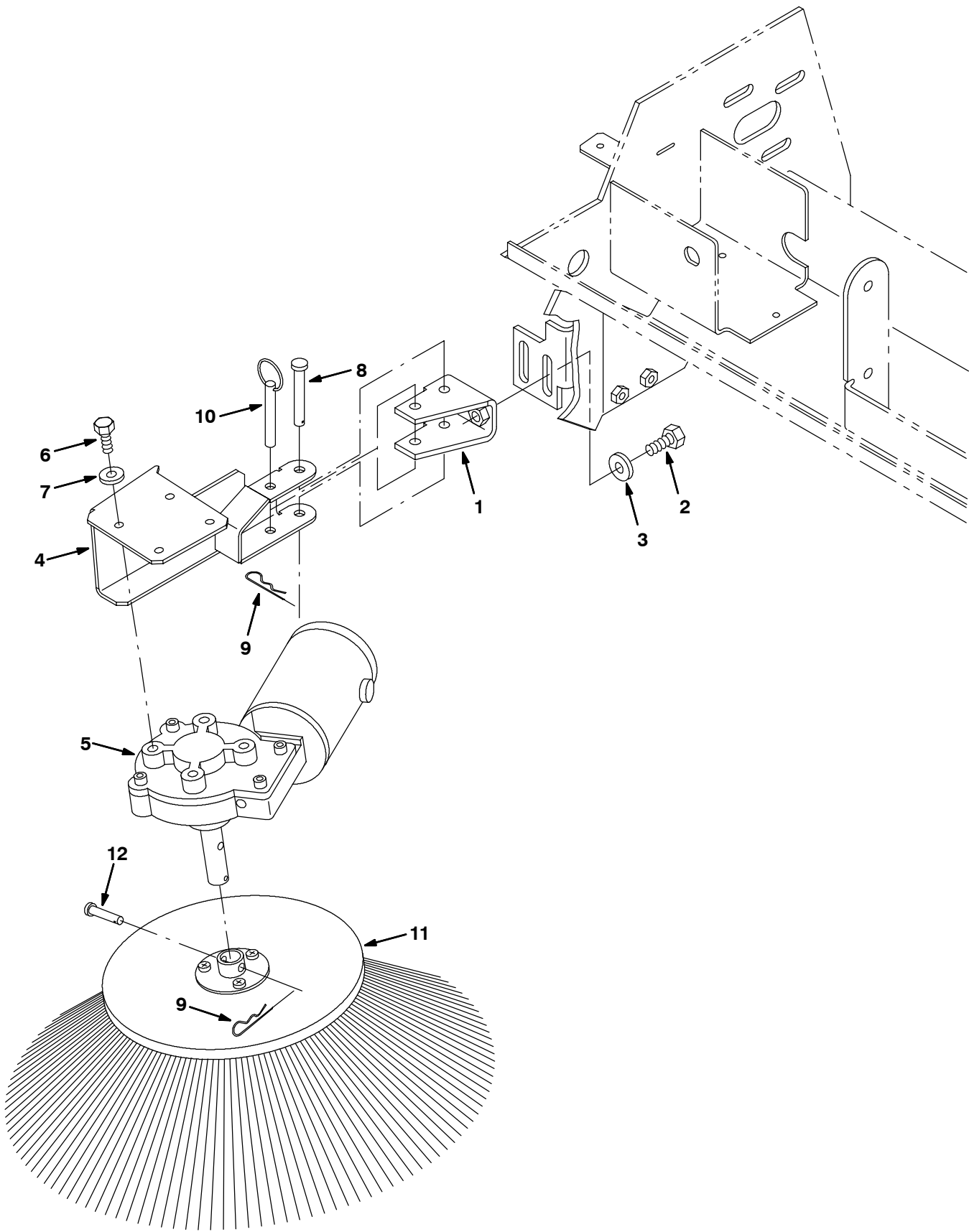


FIG. 7 - Pre-Sweep™ Side Brush Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	1	392154	(008300-	) Channel, Hinge, Side Brush	1
	2	09740	(008300-	) Screw, Hex, M08 X 1.25 X 20, Ss	2
	3	41186	(008300-	) Washer, Belleville, .31	2
	4	392238	(008300-	) Arm Wldt, Side Brush, Rh	1
▽	5	81751	(008300-	) Motor, Ele, 36vdc . Hp 0080rpm. A R	1
▲		81919	(008300-	) Kit, Brush, Motor	1
▲		80127	(008300-	) Cap, Brush	2
▲		369795	(008300-	) Brushholder	2
▲		369796	(008300-	) Clip	2
	6	15678	(008300-	) Screw, Hex, M06 X 1.0 X 16, Ss	4
	7	32483	(008300-	) Washer, Flt, .25 Sae	4
	8	392244	(008300-	) Pin, Clevis, .31d X 2.12l	1
	9	08085	(008300-	) Pin, Hair Cotter, 0.31 D .058 Wir	2
	10	392232	(008300-	) Pin, Detent, .31 X 2.1l	1
	11	28096P	(008300-	) Brush Assy, Disk, Swp, 15.0 D, Pyp	1
	12	15173	(008300-	) Pin, Clevis, 0.25 D X 1.25l	1

FIG. 8 - Pre-Sweep™ Dust Control Group (008300-)

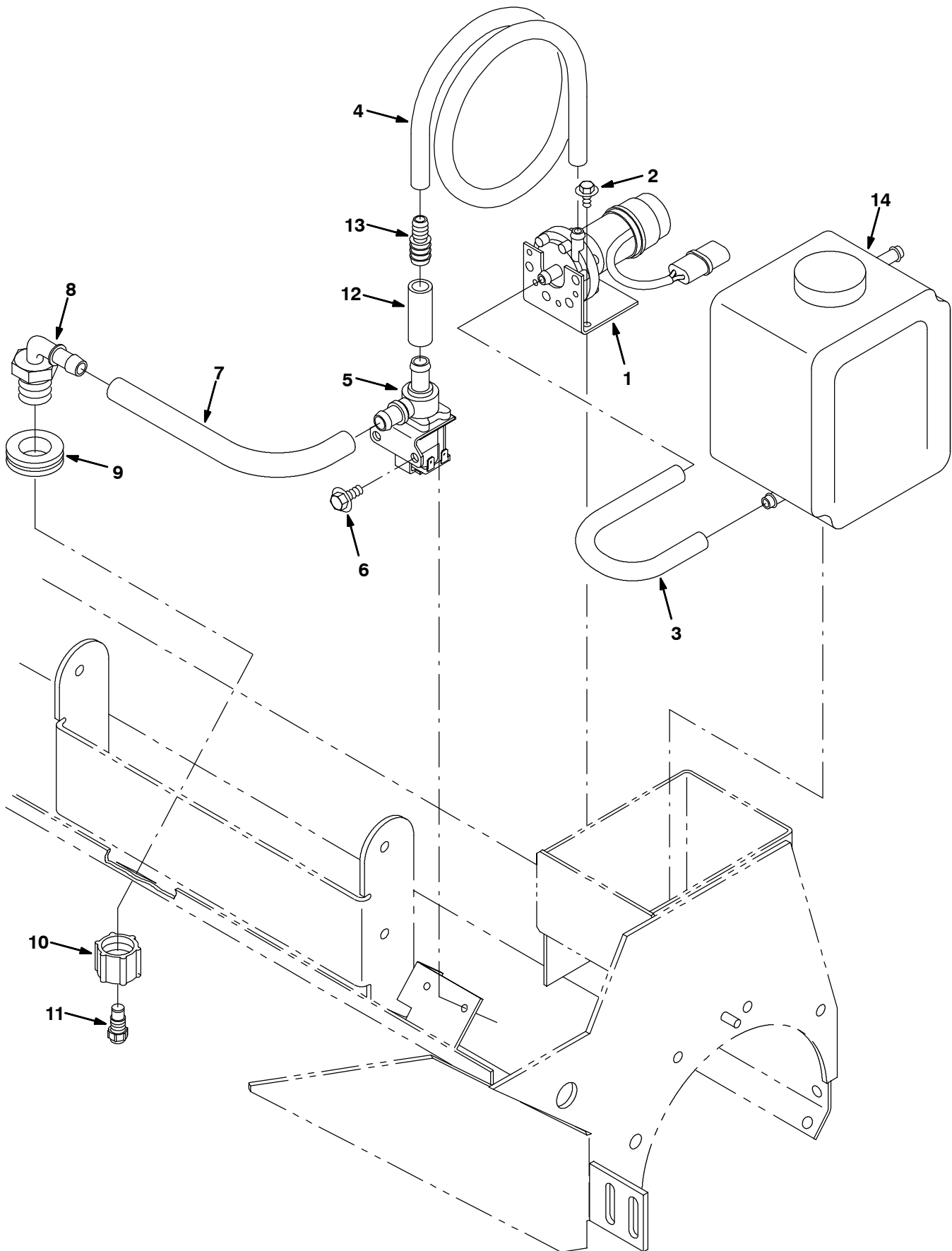


FIG. 8 - Pre-Sweep™ Dust Control Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	223496	(008300-	) Pump, Water, 36vdc, . Gpm Psi	1
2	223198	(008300-	) Screw, Hex, M05 X 0.8 X 10, Fmg	2
3	392258	(008300-	) Hose, Pvc, Clr, 0.38id 0.56od 11.00l	1
4	73471	(008300-	) Hose, Pvc, Clr, 0.38id 0.56od 22.00l	1
5	222113	(008300-	) Valve, Solenoid, Water Flow	1
6	222158	(008300-	) Screw, Hex, M06 X 1.0 X 10, Fmg	2
7	392254	(008300-	) Hose, Pvc, Brd, 0.50id 0.73od 10.00l	1
8	63244-3	(008300-	) Fitting, Plstc, E90, Bm08/Pm12	1
9	10632-14	(008300-	) Grommet, Rbr, 1.00id, F/ 1.4h, .12matl	1
10	79451	(008300-	) Fitting, Plstc, Cap, Special 02pf/12pf	1
11	392173	(008300-	) Nozzle, Spray	1
12	392256	(008300-	) Hose, Pvc, Brd, 0.50id 0.73od 02.0ol	1
13	222375	(008300-	) Fitting, Plstc, Str, Bm06/Bm08	1
14	82694	(008300-	) Tank, Recovery	1

FIG. 9 - Pre-Sweep™ Electrical Group (008300-)

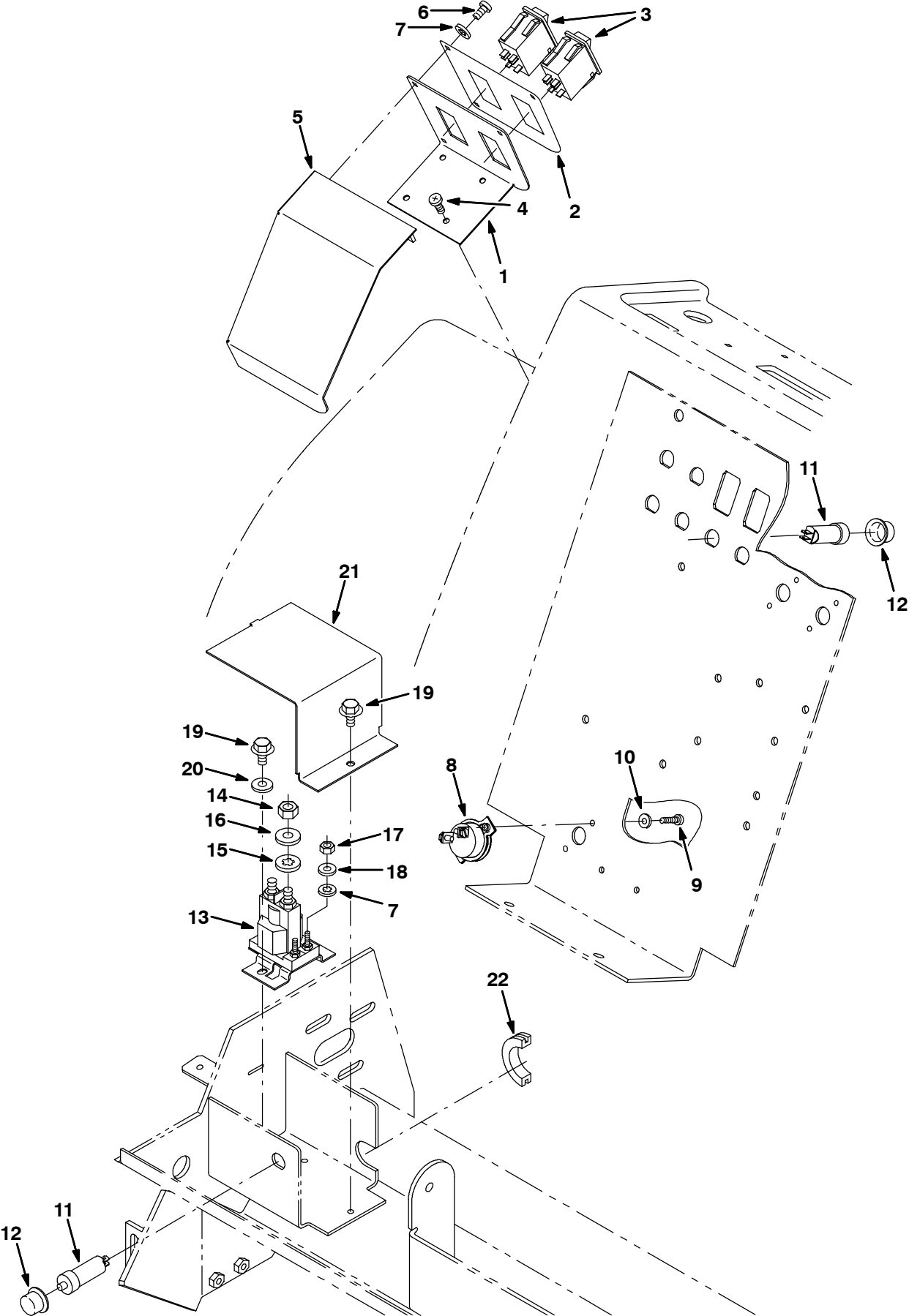


FIG. 9 - Pre-Sweep™ Electrical Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392146	(008300-	) Panel, Switch	1
2	392152	(008300-	) Label, Opertnl, Pre-Sweep	1
3	398500	(008300-	) Switch, Rocker, Dpst	2
4	222481	(008300-	) Screw, Pan, #10-14 X 0.50, F/ Plstc	4
5	392147	(008300-	) Cover, Panl	1
6	39648	(008300-	) Screw, Pan, #10-24 X 0.38, 1	3
7	32980	(008300-	) Washer, Lock, Int, #10	5
8	222297	(008300-	) Circuitbreaker, 25.0a	1
9	32516	(008300-	) Screw, Pan, #08-32 X 0.50, 1	2
10	19065	(008300-	) Washer, Flt, #08	2
11	57164	(008300-	) Circuitbreaker, 10.0a, Resetable	2
12	57751	(008300-	) Boot, Circuitbreaker	2
13	386810	(008300-	) Contactor, 36vdc	1
14	20170	(008300-	) Nut, Hex, Jam, .31-24	2
15	32984	(008300-	) Washer, Lock, Int, .31	2
16	39349	(008300-	) Washer, Flt, .31 Sae	2
17	01713	(008300-	) Nut, Hex, Std, #10-32, 2	2
18	19324	(008300-	) Washer, Flat, #10 Sae	2
19	74455	(008300-	) Screw, Hex, M06 X 1.0 X 12, Fmg	3
20	32483	(008300-	) Washer, Flt, .25 Sae	2
21	392247	(008300-	) Cover, Relay	1
22	04051	(008300-	) Grommet, Rbr, 1.31id, F/ 1.6h, .12matl	1

FIG. 10 - Pre-Sweep™ Bumper Group (008300-)

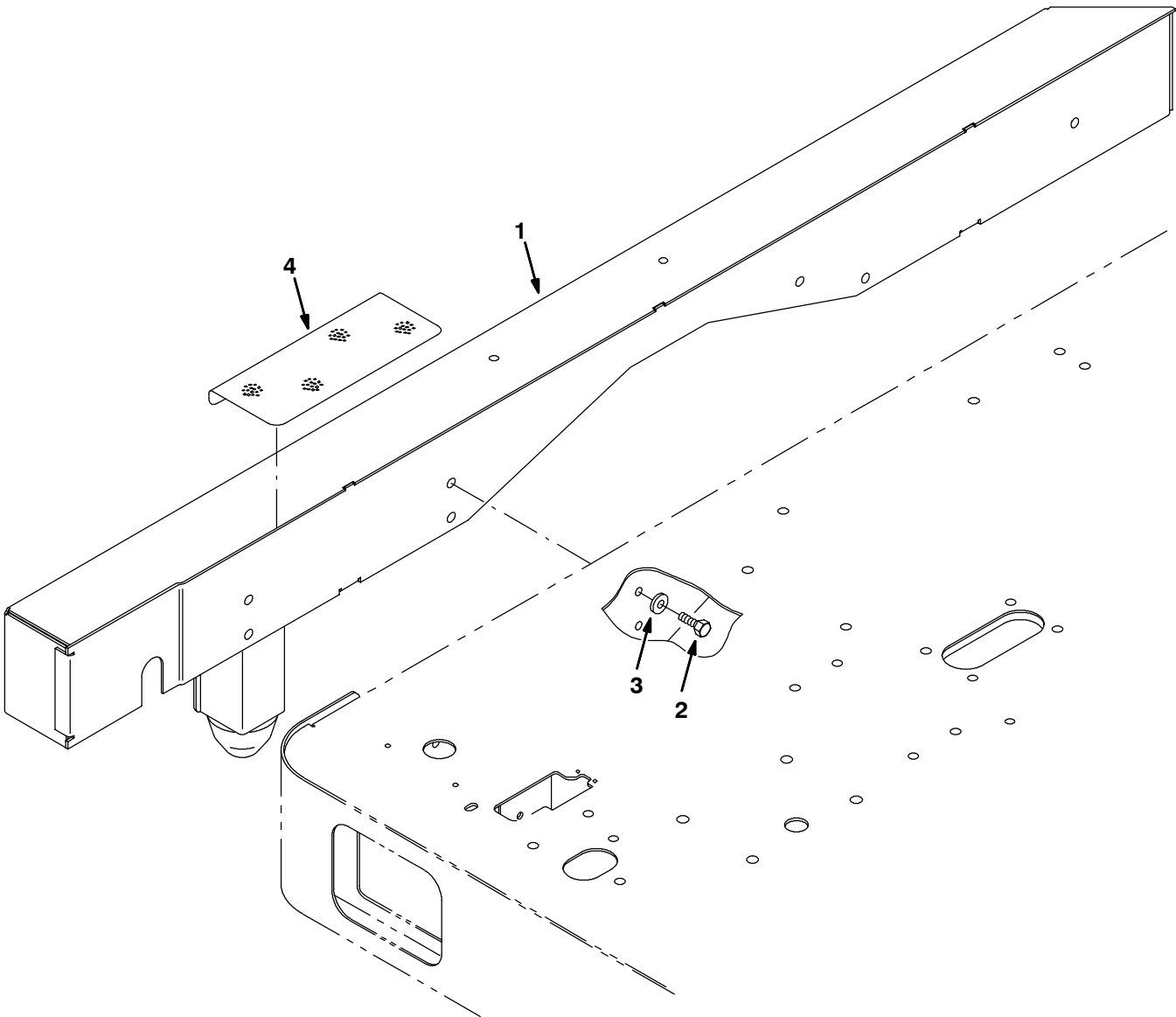


FIG. 10 - Pre-Sweep™ Bumper Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392169	(008300-)	Bumper Wldt, Pre-Sweep	1
2	09010	(008300-)	Screw, Hex, M08 X 1.25 X 25, Ss	7
3	32491	(008300-)	Washer, Flt, .31 Std	7
4	223350	(008300-)	Tread, Non-Skid, 04.5w 10.0l	1

FIG. 11 - Pre-Sweep™ Wire Harness Group (008300-)

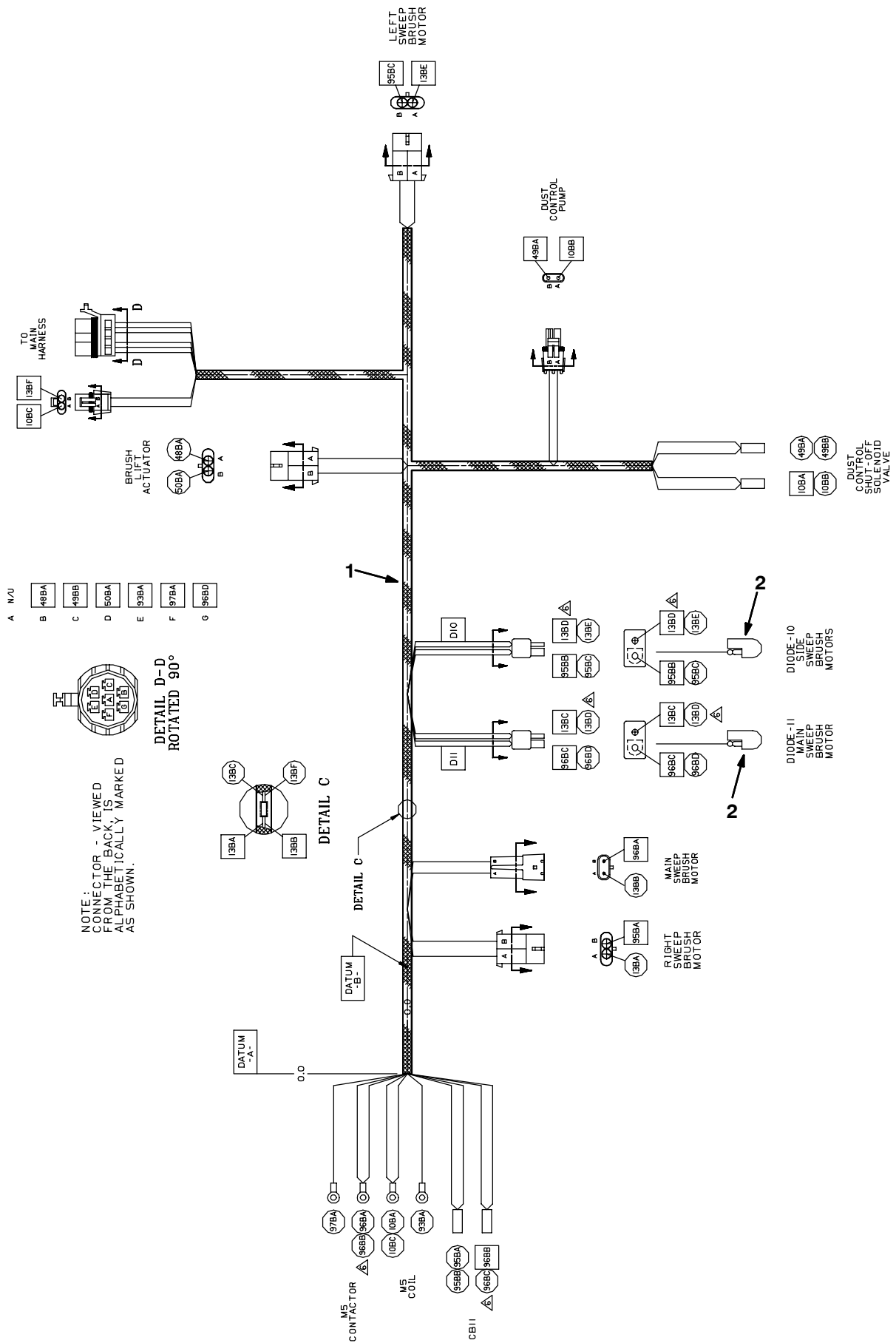


FIG. 11 - Pre-Sweep™ Wire Harnesses Group (008300-)

NOTE: Right Hand Side Brush Kit, Tennant Part Number 392101, includes FIG. 1 thru 11

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392182	(008300-)	Harness, Pre-Sweep	1
2	222290	(008300-)	Diode, Ele, Plug	2
	763115	(008300-)	Tie, Cable, 6.0l, 1.25d Max	3

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