



INSTRUCTION BULLETIN

No. 340527
Machine: 7200
Published: 4-02
Rev. 00

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 392105**

DESCRIPTION:

This kit contains the parts needed to install a right hand side brush kit on the model 7200 scrubber.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 2 hours)

PREPARATION:

(Refer to Figures 1 thru 5)

1. Lower the main brush.
2. Park the machine on a clean, level surface and activate the machine parking brake.

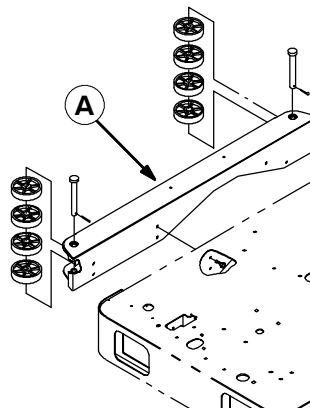
FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake.

3. Disconnect the battery cables from the machine.

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

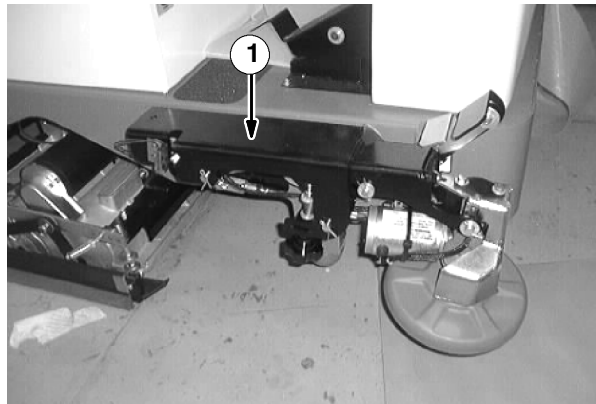
INSTALLATION:

1. Remove the bumper (A) from the right hand side of the machine and set aside.



2. Install the right hand side brush assembly (1) to the machine with two hex screws, washers and one flat screw.

NOTE: Check that the brush is in the raised position to see the flathead screw on the front side mounting hole location.



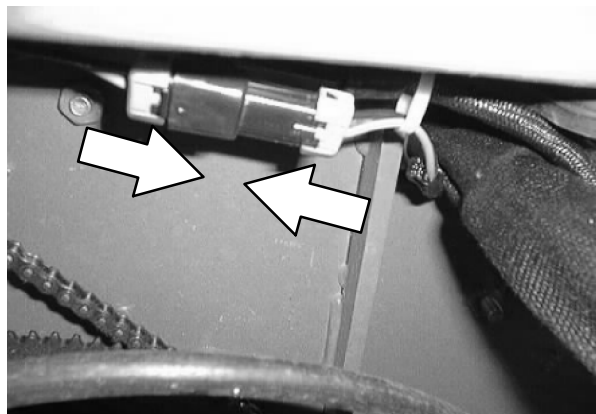
Machines Serial Number (00000 - 008237)

3. Open the circuitbreaker panel on the front of the machine.
4. Wire the smaller jumper harness into the CB 4 slot with the 10A fuse. If the machine is equipped with the vacuum wand (option), wire the 4 in. long extension into the vac wand connection. (Refer to FIG. 4)

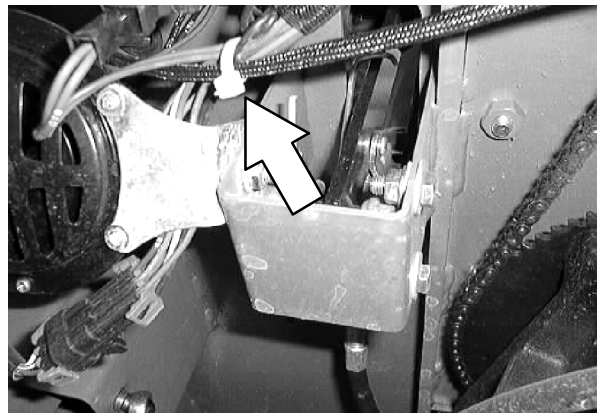
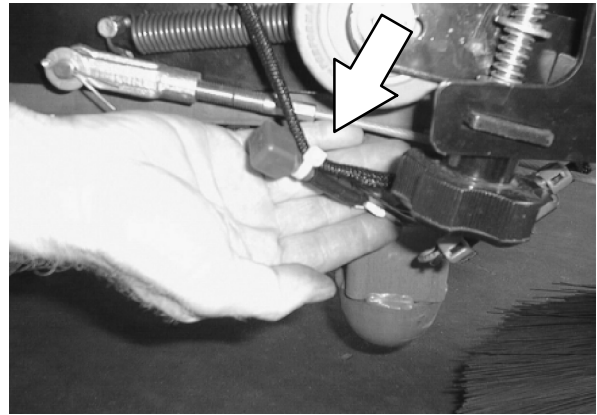
If the machine is not equipped with the vacuum wand (option), tape off the 4 in. long extension back into the jumper harness.



5. Route and secure the jumper harness down to the front left corner of the machine.
6. Mount the ground wire stand off to the machine.
7. Connect the main side brush wire harness to the right hand side brush. (Refer to FIG. 5)

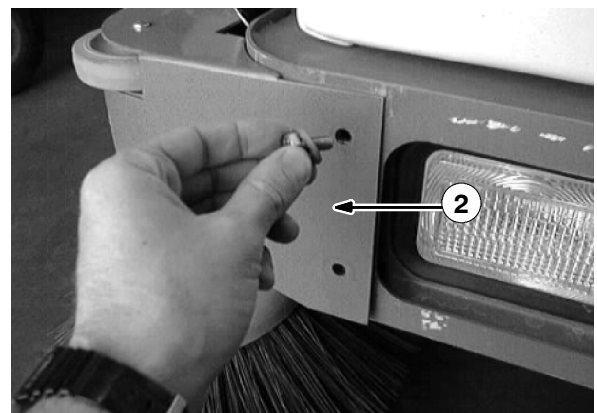


8. Route and tie the main side brush wire harness along the front (inside) of the machine with the other wires.



9. Connect the wire harness to the jumper harness plug on the left hand side of the machine.

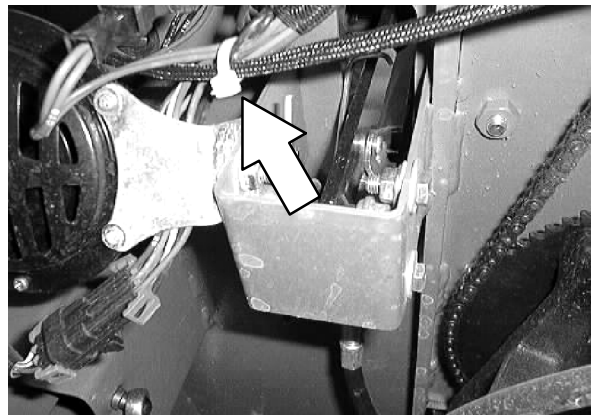
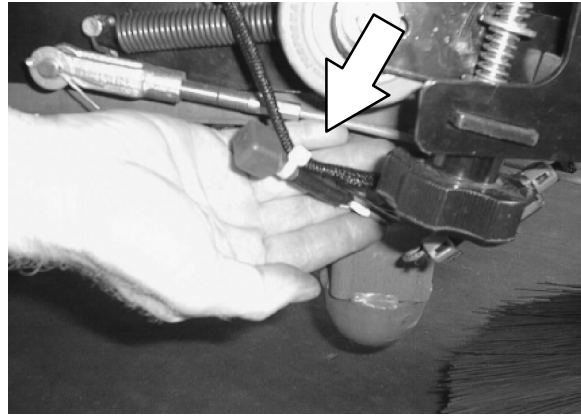
10. Mount the side brush bumper (2) to the right side of the machine with six hex screws and washers. (Refer to FIG. 3)



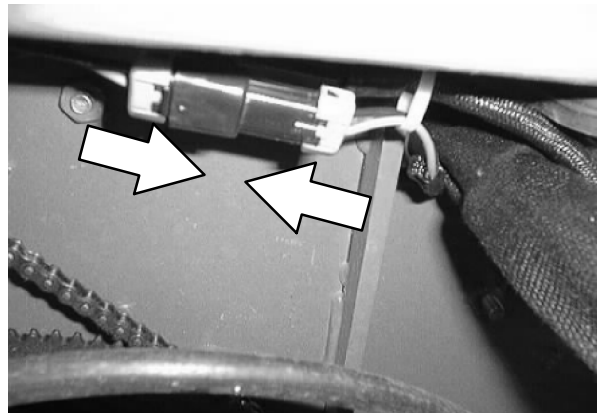
11. Connect the battery cables to the machine. Check the right hand side brush for proper operation.

Machines Serial Number (008237 -)

12. Route and tie the main side brush wire harness along the front (inside) of the machine with the other wires. (Refer to FIG. 5)

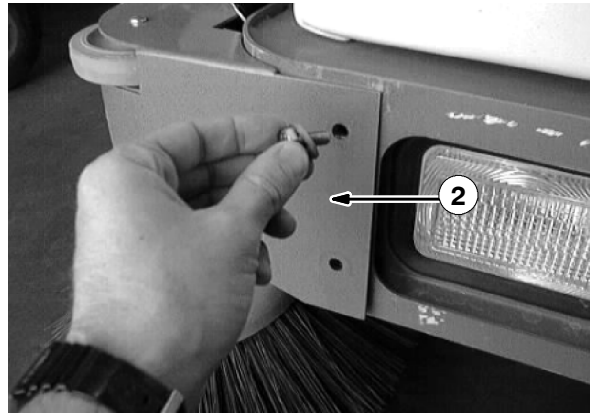


13. Connect the main side brush wire harness to the plug on the left hand side of the machine.



14. Mount the side brush bumper (3) to the right side of the machine with six hex screws and washers. (Refer to FIG. 3)

15. Connect the battery cables to the machine. Check the right hand side brush for proper operation.



BILL OF MATERIALS FOR RIGHT HAND SIDE BRUSH KIT 392105

Ref.	TENNANT Part No.	Description	Qty.
1	392107	Brush assy, side, RH	1
2	392283	Housing wldt, side bmpr	1
3	81580	Wheel, 4.0 D 0.87W 0.44B	1
4	383910	Sleeve, P/M, 0.437D, 0.318B, 1.06L	1
5	81581	Pin, clevis, 0.31D X 1.75L	1
6	08085	Pin, hair cotter, 0.31D 0.058 wir	1
7	223350	Tread, non-skid, 04.5W 10.0L	1
8	01314	Button, plug, 0.38H	4
9	392183	Harness, SBA, RH, 7200	1
10	763115	Tie, cable, 6.0L, 1.25D Max	4
11	57164	Circuitbreaker, 10.0A, resetable	1
12	57751	Boot, circuitbreaker	1
13	16931	Screw, hex, M08 X 1.25 X 20, 8.8	2
14	32490	Washer, flat, 0.25	5
15	79246	Screw, flt, M08 X 1.25 X 20, Ss	1
16	08709	Nut, hex, lock, M08 X 1.25, NL	3
17	09010	Screw, hex, M08 X 1.25 X 25, Ss	5
18	32491	Washer, flat, 0.31	5

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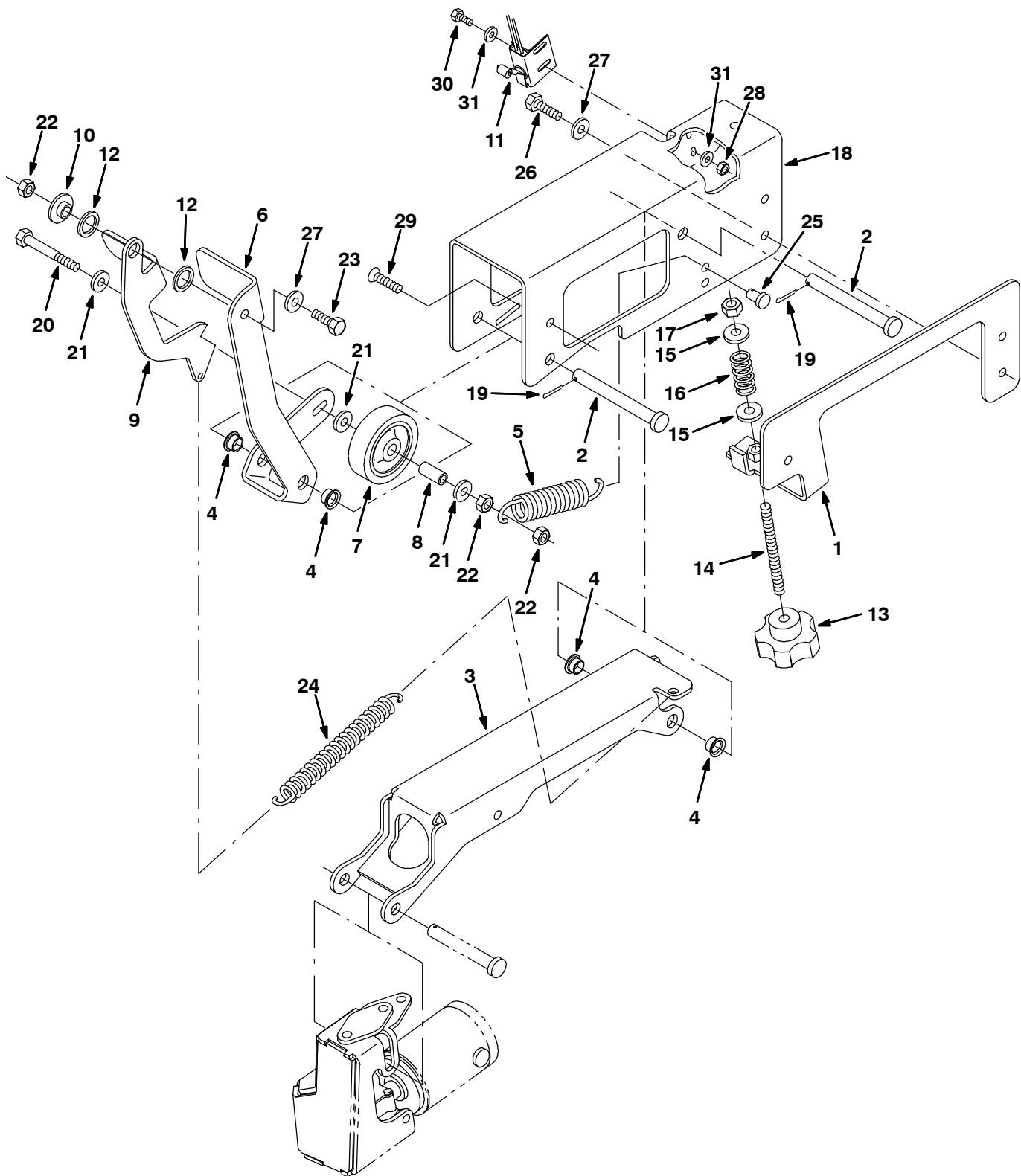


FIG. 1 - Side Brush Lift Group

FIG. 1 - Side Brush Lift Group

NOTE: Right Hand Side Brush Assembly, Tennant Part Number 392107, includes Fig. 1 and Fig. 2.

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392277	(000000-	) Plate, Side Brush	1
2	59668	(000000-	) Pin, Clevis, 0.50 D X 4.50l	2
3	392267	(000000-	) Arm, Side Brush	1
4	15648	(000000-	) Bushing, Flng, 0.50b 0.59d 0.38l	4
5	41698	(000000-	) Spring, Extn, 0.75od X 0.08wir, 4.5l	1
6	392268	(000000-	) Arm, Brush Lift	1
7	81582	(000000-	) Wheel, 3.0d 0.87w 0.44b	1
8	383910	(000000-	) Sleeve, P/M, 0.437d 0.318b 1.06l 430ss	1
9	392269	(000000-	) Arm, Brake, Side Brush	1
10	363087	(000000-	) Bushing, Flng, 0.44b 1.25d 0.25l	1
11	59965	(000000-	) Switch	1
12	630358	(000000-	) Washer .75x1x.03 Ny	2
13	41341	(000000-	) Knob, Star, 2.50d 1.50l 0.38-16 Plstc	1
14	387151	(000000-	) Shaft, Thrd	1
15	41187	(000000-	) Washer, Belleville, .38	2
16	22290	(000000-	) Spring, Cmpr, 0.74od .06wir 2.3l	1
17	59156	(000000-	) Nut, Hex, Lock, .38-16, NI, Ss	1
18	392270	(000000-	) Plate, Side Brush	1
19	08182	(000000-	) Pin, Cotter, .125 X 1.00	2
20	222504	(000000-	) Screw, Hex, M08 X 1.25 X 55, Ss	1
21	32490	(000000-	) Washer, Flt, .25 Std	3
22	08709	(000000-	) Nut, Hex, Lock, M08 X 1.25, NI	3
23	09010	(000000-	) Screw, Hex, M08 X 1.25 X 25, Ss	1
24	36619	(000000-	) Spring, Extn, 0.50od X 0.06wir, 5.0l	1
25	41305	(000000-	) Pin, Clevis, 0.37 D X 0.75l	1
26	39277	(000000-	) Screw, Hex, M08 X 1.25 X 25, 8.8	2
27	32490	(000000-	) Washer, Flt, .25 Std	3
28	09739	(000000-	) Nut, Hex, Lock, M05 X 0.8, NI, Ss	2
29	79246	(000000-	) Screw, Flt, M08 X 1.25 X 20, Ss	1
30	24199	(000000-	) Screw, Hex, M05 X 0.8 X 16, Ss	2
31	01683	(000000-	) Washer, Flt, #10 Ss	4

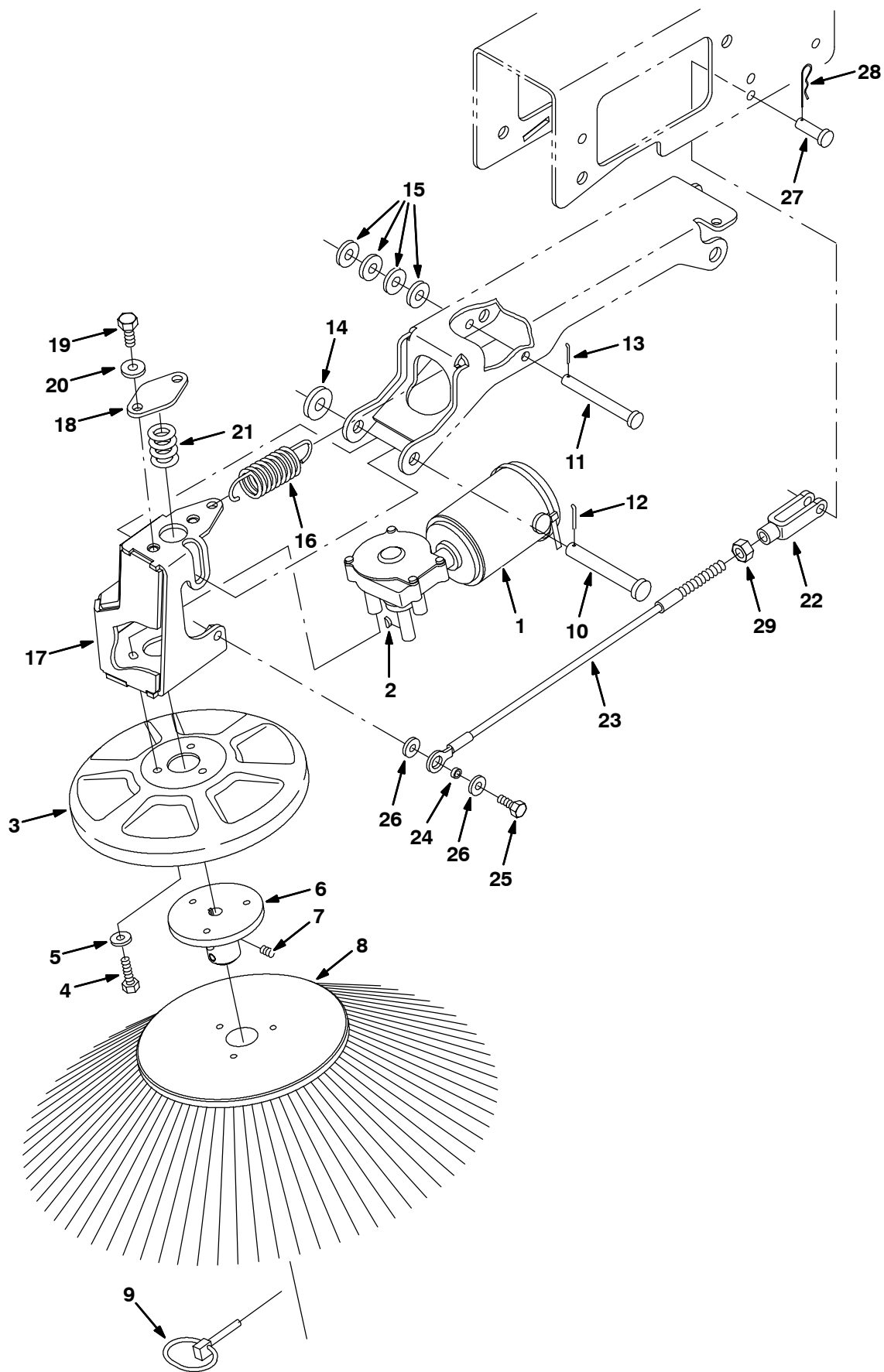


FIG. 2 - Side Brush Motor Group

FIG. 2 - Side Brush Motor Group

NOTE: Right Hand Side Brush Assembly, Tennant Part Number 392107, includes Fig. 1 and Fig. 2..

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	397201	(000000-	) Motor, Ele, 36vdc . Hp 0067rpm 01.5a	1
2	397061	(000000-	) Key, Woodruff, 3mm 3.7mm	1
3	397034	(000000-	) Guard, Bumper, Brush	1
4	06944	(000000-	) Screw, Hex, M06 X 1.0 X 25, 8.8	3
5	32490	(000000-	) Washer, Flt, .25 Std	3
6	397200	(000000-	) Hub, Side Broom	1
7	09162	(000000-	) Screw, Set, M06 X 1.0 X 8, NI	1
8	397056	(000000-	) Brush Assy, Disk, Swp, 17.5d, Pyp	1
9	397064	(000000-	) Pin, Retainer	1
10	06474A	(000000-	) Pin, Clevis, 0.50 D X 3.50l	1
11	72084	(000000-	) Pin, Clevis, 0.37 D X 3.50l	1
12	08182	(000000-	) Pin, Cotter, .125 X 1.00	1
13	08179	(000000-	) Pin, Cotter, .094 X 1.00	1
14	32486	(000000-	) Washer, Flt, .50 Sae	1
15	32491	(000000-	) Washer, Flt, .31 Std	4
16	09480	(000000-	) Spring, Extn, 1.10od X 0.15wir, 3.2l	1
17	392276	(000000-	) Bracket Wldt, Motor, Mtg	1
18	392266	(000000-	) Plate, Side Brush	1
19	16931	(000000-	) Screw, Hex, M08 X 1.25 X 20, 8.8	2
20	32490	(000000-	) Washer, Flt, .25 Std	2
21	360357	(000000-	) Spring, Die, 1.00od 0.50id 1.25l	1
22	12267	(000000-	) Clevis, Adj, 0.38pin, M10x1.5	1
23	77335	(000000-	) Cable, .13d, 14.9l, .41eye /M10x1.5	1
24	80491	(000000-	) Sleeve, P/M, 0.375d 0.250b 0.16l 430ss	1
25	12274	(000000-	) Screw, Hex, M06 X 1.0 X 20, NI	1
26	32483	(000000-	) Washer, Flt, .25 Sae	2
27	46657	(000000-	) Pin, Clevis, 0.37 D X 1.25l	1
28	86866	(000000-	) Pin, Hair Cotter, 0.38 D .072 Wir	1
29	39312	(000000-	) Nut, Hex, Std, M10 X 1.5	1

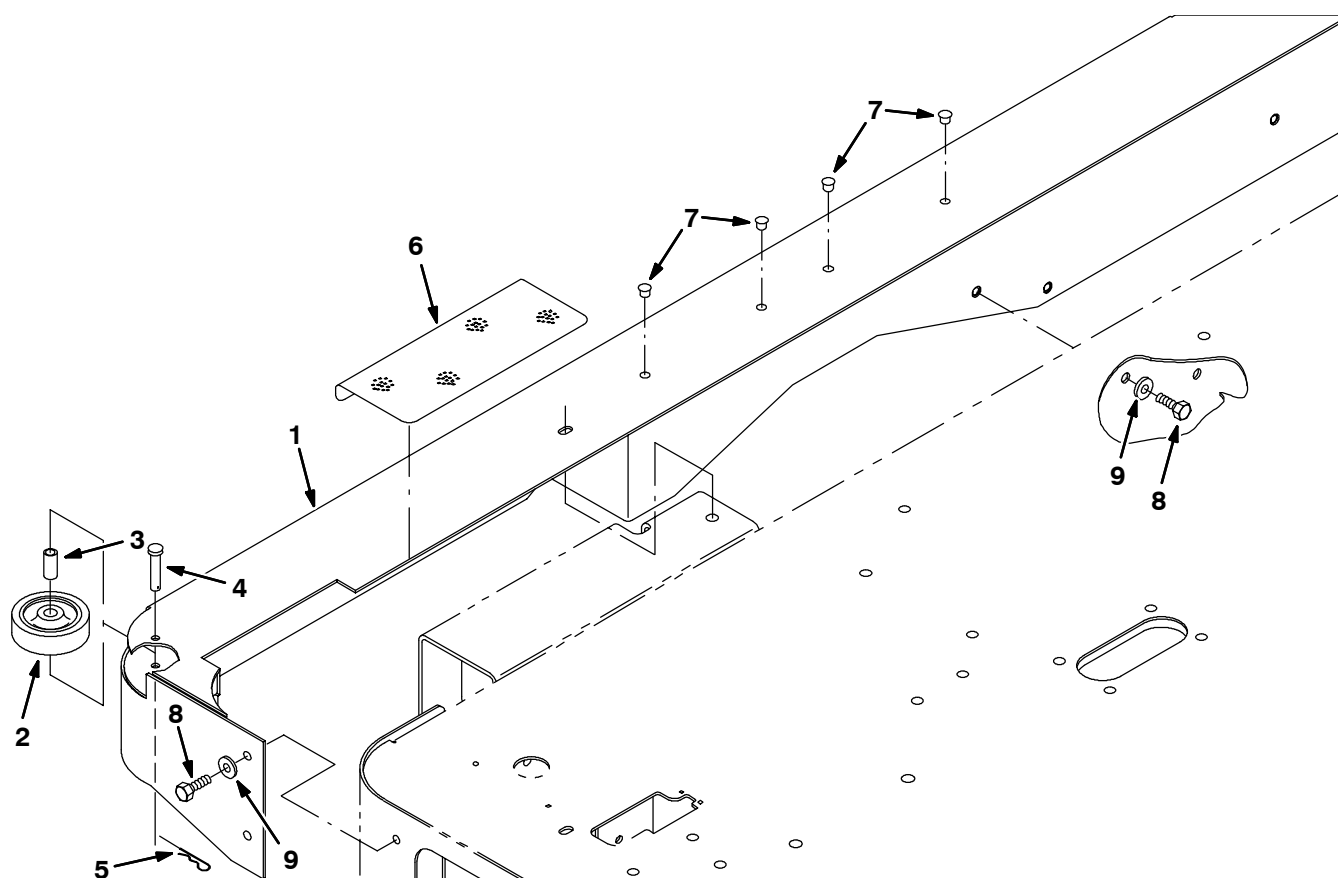


FIG. 3 - Side Brush Bumper Group

FIG. 3 - Side Brush Motor Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	392283	(000000-	) Housing Wldt, Side Bumper	1
2	81580	(000000-	) Wheel, 4.0d 0.87w 0.44b	1
3	383910	(000000-	) Sleeve, P/M, 0.437d 0.318b 1.06l 430ss	1
4	81581	(000000-	) Pin, Clevis, 0.31 D X 1.75l	1
5	08085	(000000-	) Pin, Hair Cotter, 0.31 D .058 Wir	1
6	223350	(000000-	) Tread, Non-Skid, 04.5w 10.0l	1
7	01314	(000000-	) Button, Plug, 0.38h .03-.12 [Black Nyl]	4
8	09010	(000000-	) Screw, Hex, M08 X 1.25 X 25, Ss	6
9	32491	(000000-	) Washer, Flt, .31 Std	6

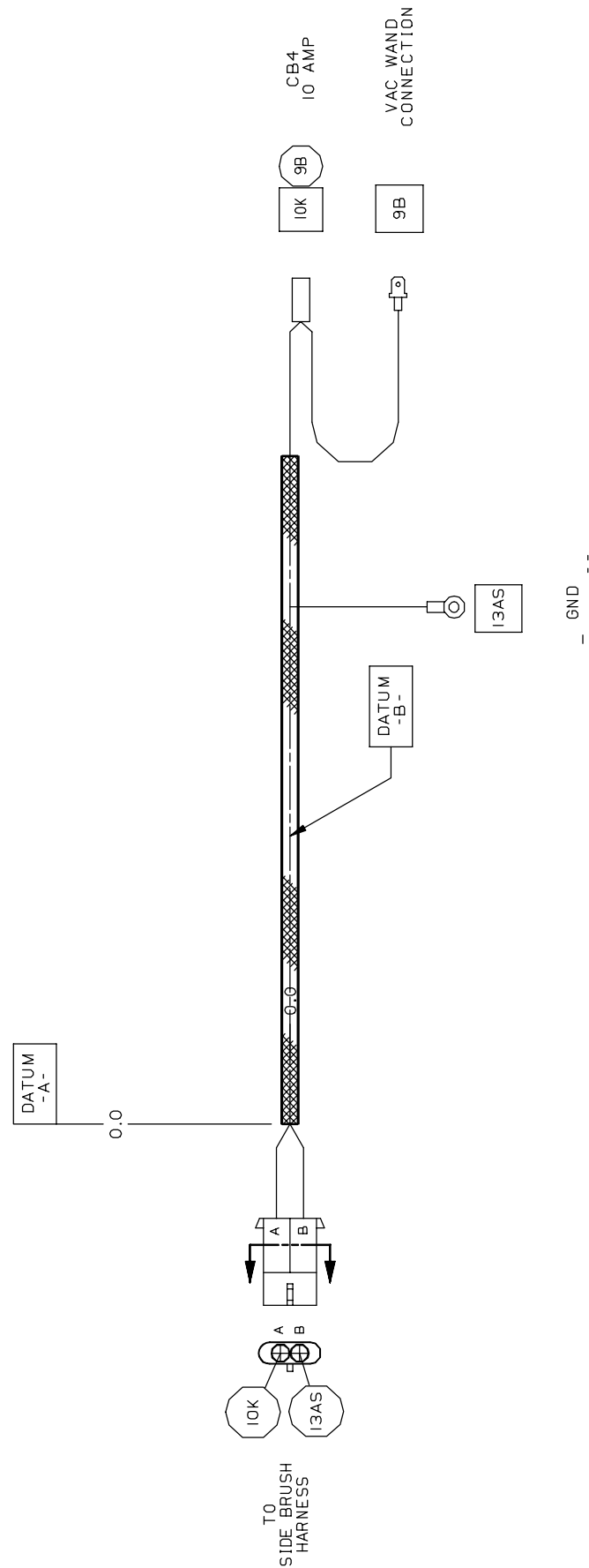


FIG. 4 - Harness, Jumper, 7200, Right Hand Side Brush (000000- 008236)

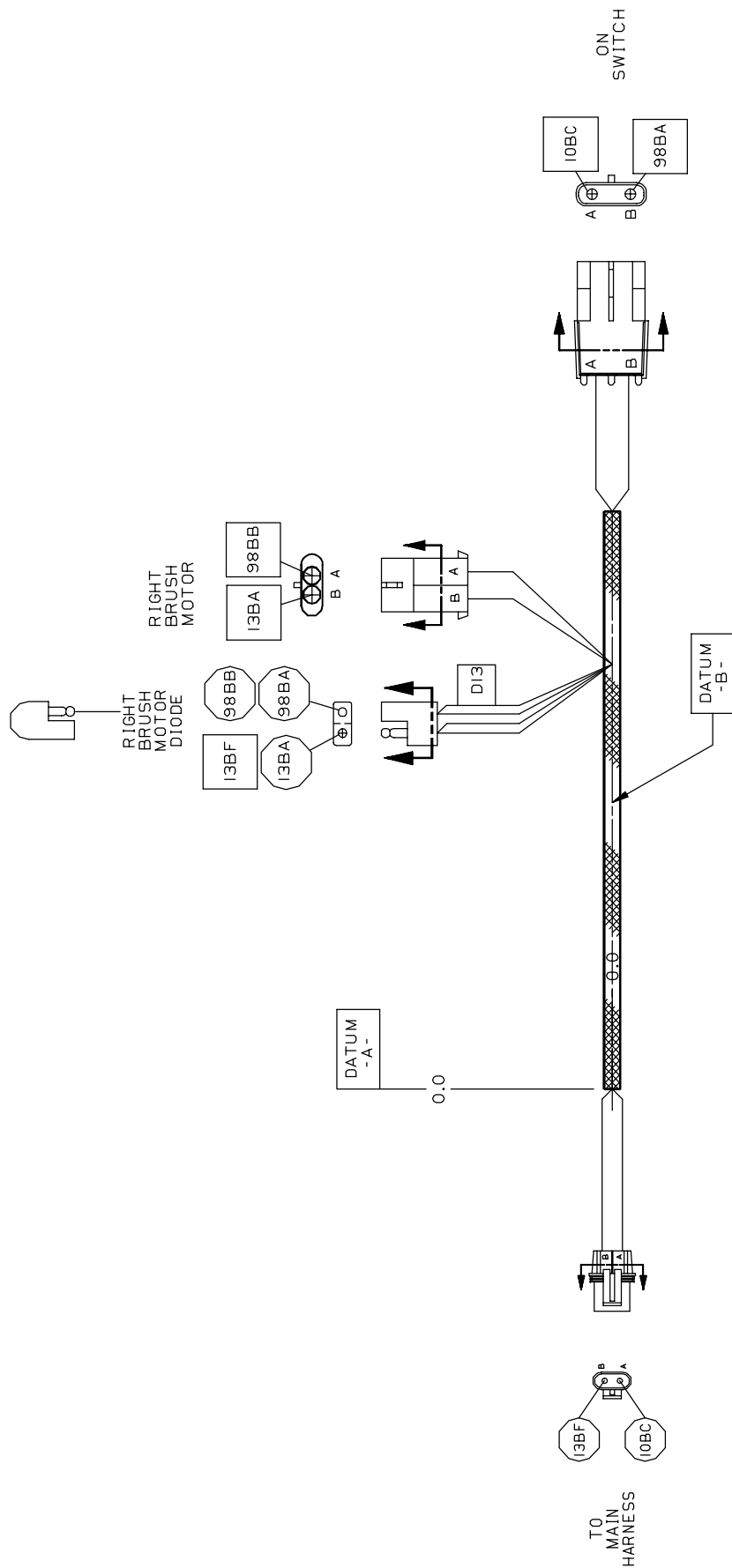


FIG. 5 - Harness, Main, 7200, Right Hand Side Brush

