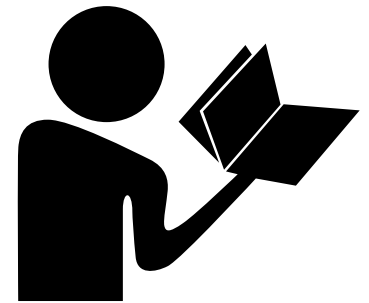
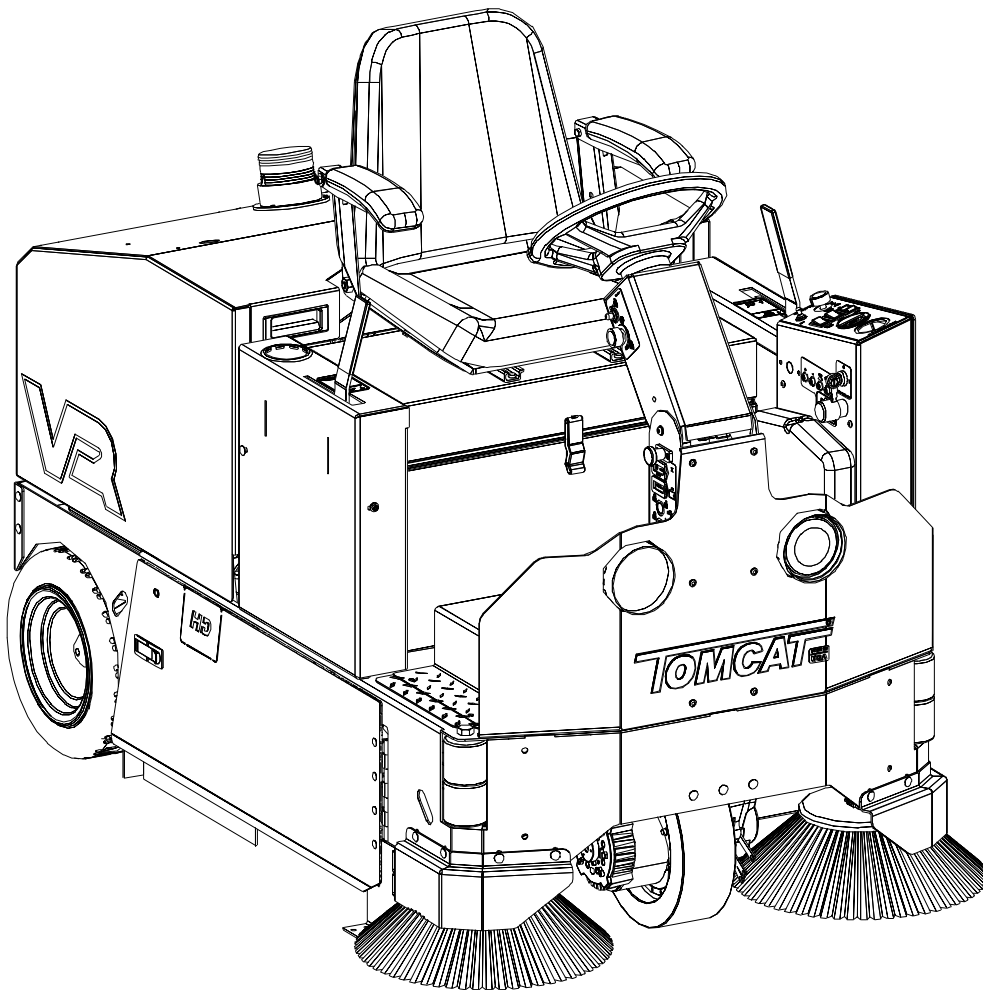


TOMCAT®

VR

Parts Manual (EN)



Read the Operators Manual before using the machine.



Read the Safety Messages before servicing machine.

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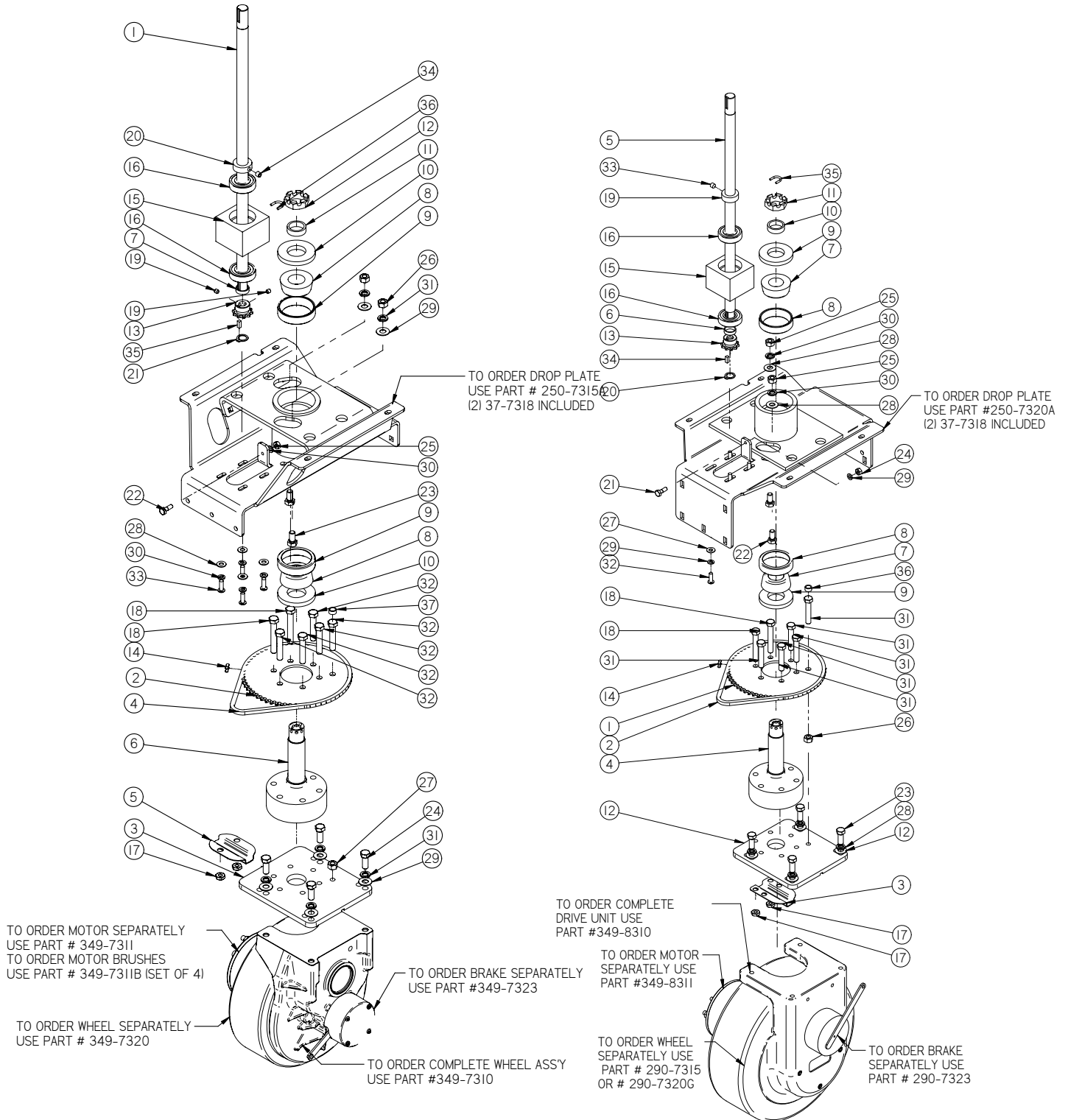


V19.221
TC-VR-P-EN

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10" Front Drive Standard

12" Front Drive Optional



Front Wheel

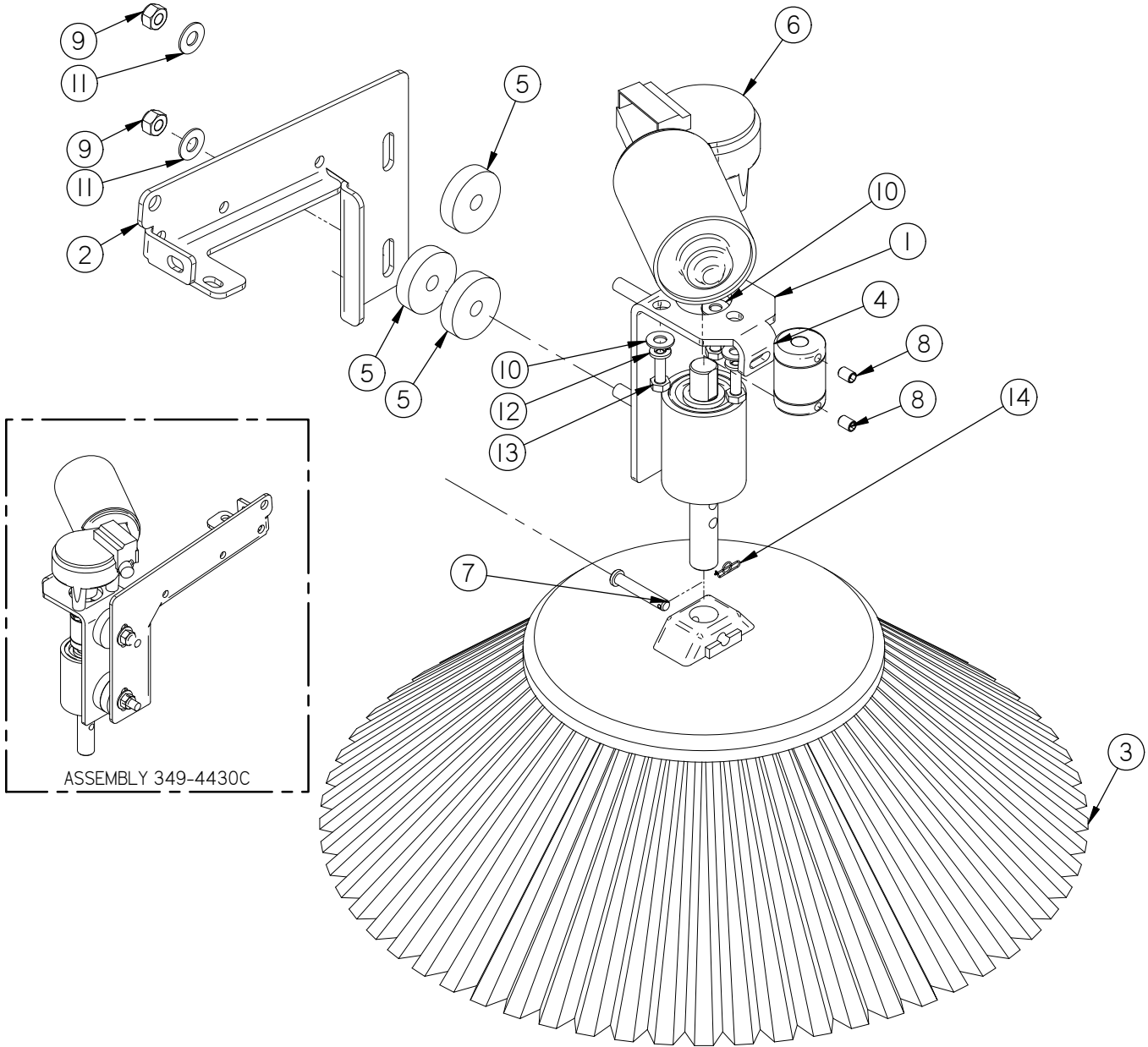
10" Front Drive

Item	Part No.	Part Description	Qty.
1	250-7120	STEERING SHAFT, LOWER	1
2	250-7314	60 TOOTH STEERING SPROCKET	1
3	250-7326	PIVOT PLATE	1
4	250-7327	STEERING CHAIN	1
5	250-7328	WIRE GUIDE	1
6	250-7332	STEERING SHAFT	1
7	290-1218	SPACER 7/8" OD. X 3/4" ID X 1/4" LG	1
8	37-7317	TAPERED ROLLER BEARING	2
9	37-7318	BEARING CAP	2
10	37-7319	STEERING SHAFT SEAL	2
11	37-7320	PRE LOAD SLEEVE	1
12	37-7321	SLOTTED NUT, 2.0 - 12	1
13	5-826	10 TOOTH SPROCKET	1
14	5-831	MASTER LINK	1
15	8-723	BEARING BLOCK	1
16	8-723B	BEARING	2
17	H-0171004	JNYL 3/8- 24 SS	2
18	H-0172951	HCS 3/8"- 24 X 2-1/2" SS FULL THREADED	2
19	H-25379	SETScrew, KCP, 1/4"-20 X 1/4"	2
20	H-33376	SET SCREW SHAFT COLLAR, 3/4" ID X 9/16 LG	1
21	H-68013	SNAPRING 5/8"	1
22	H-70003	HCS 1/4"-20 X 5/8" SS	1
23	H-70103	HCS 3/8"-16 X 3/4" SS	2
24	H-70105	HCS 3/8"- 16 X 1" SS	4
25	H-70710	HN 1/4"- 20 SS	1
26	H-70712	HN 3/8"-16 SS	2
27	H-70732	HN 3/8"- 24 SS	1
28	H-71013	FW 1/4 ID X 5/8 OD SS	4
29	H-71017	FW 3/8 ID X 7/8 OD SS	6
30	H-71063	LW 1/4" SS	5
31	H-71067	LW 3/8" SS	6
32	H-72949	HCS 3/8"- 24 X 2" SS FULL THREADED	5
33	H-73754	BHSCS 1/4 - 20 X 3/4" SS	4
34	H-81983	5/16" X 1/4" KURL SET SCREW	1
35	H-K1432	3/16" X 1/2" KEY	1
36	M-938IT24	S-HOOK	1
37	T-050B0025	5/16 ID x 1/4" LG BLACK HOSE	1

12" Front Drive

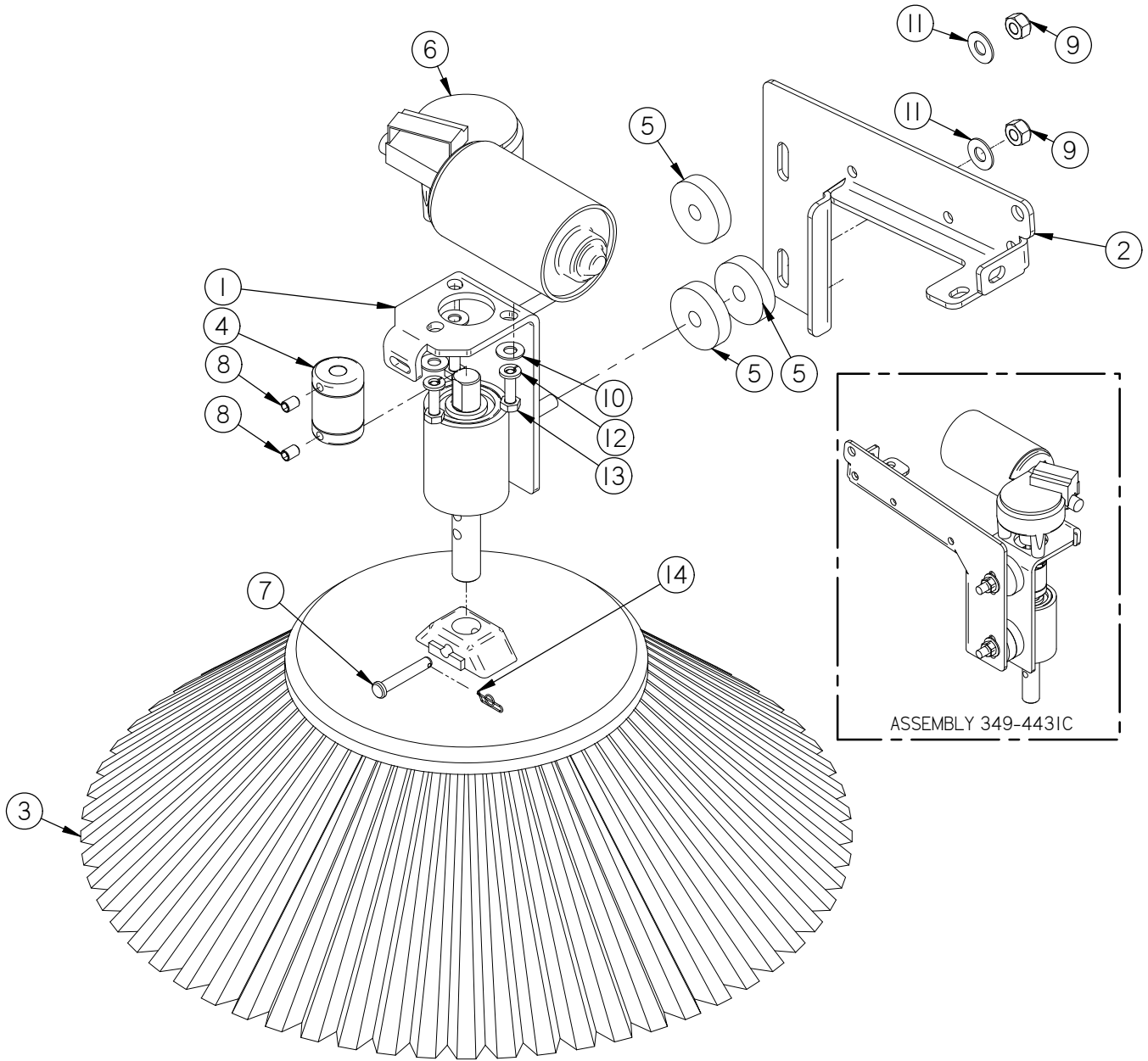
Item	Part No.	Part Description	Qty
1	250-7314	60 TOOTH STEERING SPROCKET	1
2	250-7327	STEERING CHAIN	1
3	250-7328	WIRE GUIDE	1
4	250-7332	STEERING SHAFT	1
5	275-7120	STEERING SHAFT, LOWER	1
6	290-1218	SPACER 7/8" OD. X 3/4" ID X 1/4" LG	1
7	37-7317	TAPERED ROLLER BEARING	2
8	37-7318	BEARING CAP	2
9	37-7319	STEERING SHAFT SEAL	2
10	37-7320	PRE LOAD SLEEVE	1
11	37-7321	SLOTTED NUT, 2.0 - 12	1
12	370-7326	PIVOT PLATE	1
13	5-826	10 TOOTH SPROCKET	1
14	5-831	MASTER LINK	1
15	8-723	BEARING BLOCK	1
16	8-723B	BEARING	2
17	H-0171004	JNYL 3/8- 24 SS	2
18	H-0172951	HCS 3/8"- 24 X 2-1/2" SS FULL THREADED	2
19	H-33376	SET SCREW SHAFT COLLAR, 3/4" ID X 9/16 LG	1
20	H-68013	SNAPRING 5/8"	1
21	H-70003	HCS 1/4"-20 X 3/4" SS	1
22	H-70103	HCS 3/8"-16 X 3/4" SS	2
23	H-70105	HCS 3/8"- 16 X 1" SS	4
24	H-70710	HN 1/4"- 20 SS	1
25	H-70712	HN 3/8"-16 SS	2
26	H-70732	HN 3/8"- 24 SS	1
27	H-71013	FW 1/4 ID X 5/8 OD SS	4
28	H-71017	FW 3/8 ID X 7/8 OD SS	6
29	H-71063	LW 1/4" SS	5
30	H-71067	LW 3/8" SS	6
31	H-72949	HCS 3/8"- 24 X 2" SS FULL THREADED	5
32	H-73754	BHSCS 1/4 - 20 X 3/4" SS	4
33	H-81983	5/16" X 1/4" KURL SET SCREW	1
34	H-K1432	3/16" X 1/2" KEY	1
35	M-938IT24	S-HOOK	1
36	T-050B0025	5/16 ID x 1/4" LG BLACK HOSE	1

Side Broom Left Hand



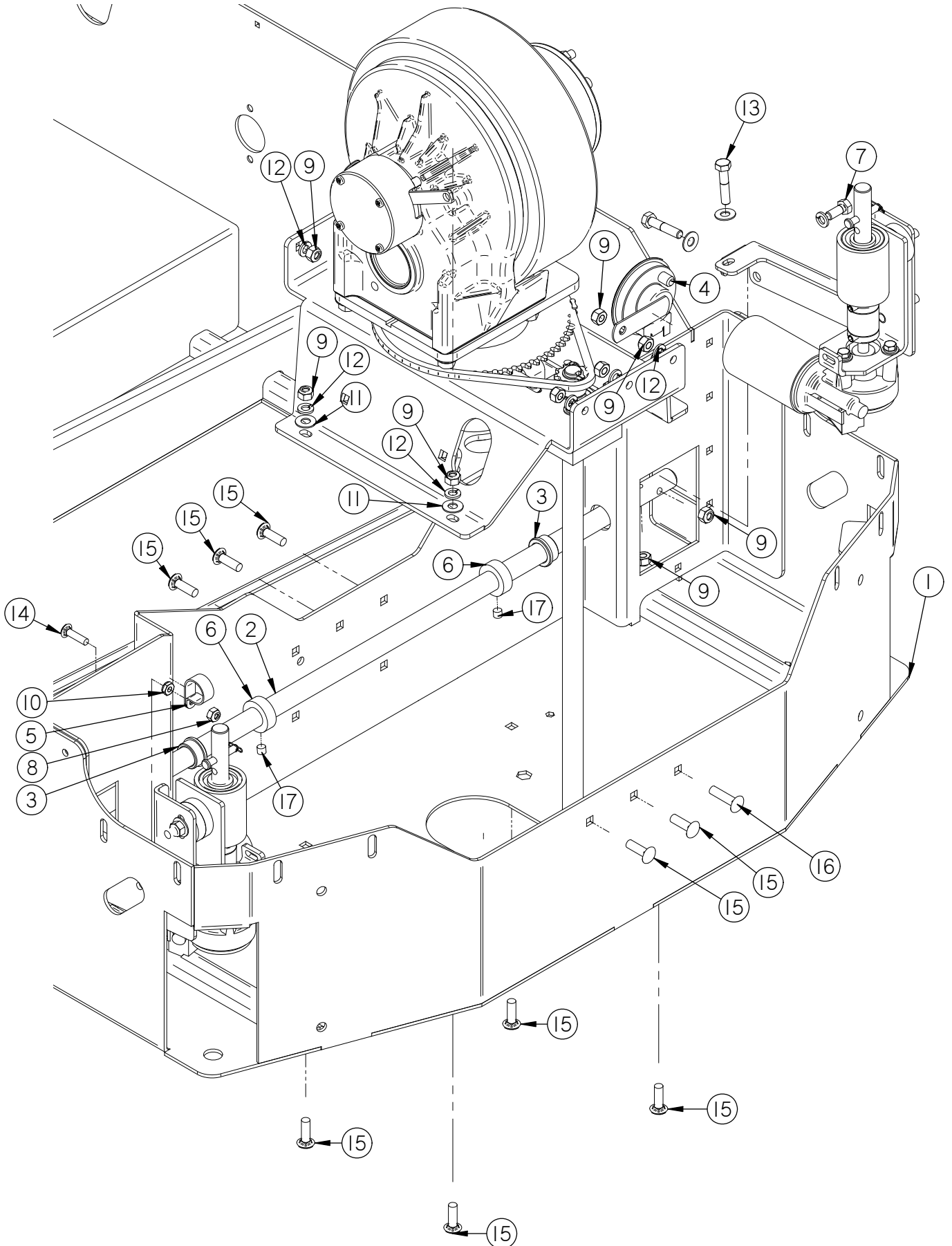
Item	Part No.	Part Description	Qty.
1	290-8750B	MOTOR MOUNT ASSEMBLY	1
2	349-4430	SIDE BROOM LIFT ARM, LH	1
3	4-402	SIDE BROOM POLYPROPYLENE	1
4	4-444	BROOM SAFETY DRIVE CPLG	1
5	4-446	GROMMET-3/8 ID X 1-1/2 OD X .375	3
6	8-220	SIDE BROOM MOTOR	1
7	H-0156730	1/4" X 1 1/2" CLEVIS PIN	1
8	H-25381	1/4"-20 X 3/8" KURL SET SCREW	2
9	H-70861	NYLOK 5/16" - 18 SS	2
10	H-71013	FW 1/4 ID X 5/8 OD SS	3
11	H-71015	FW 5/16 ID X 3/4 OD SS	2
12	H-71063	LW 1/4" SS	3
13	H-M82550	HCS M6-1.0 X 20 SS	3
14	H-RUE8	RUE RING COTTER	1

Side Broom Right Hand



Item	Part No.	Part Description	Qty.
1	290-8750B	MOTOR MOUNT ASSEMBLY	1
2	349-443I	SIDE BROOM LIFT ARM, RH	1
3	4-402	SIDE BROOM POLYPROPYLENE	1
4	4-444	BROOM SAFETY DRIVE CPLG	1
5	4-446	GROMMET-3/8 ID X 1-1/2 OD X .375	3
6	8-220	SIDE BROOM MOTOR	1
7	H-0156730	1/4" X 1 1/2" CLEVIS PIN	1
8	H-2538I	1/4"-20 X 3/8" KURL SET SCREW	2
9	H-7086I	NYLOK 5/16" - 18 SS	2
10	H-71013	FW 1/4 ID X 5/8 OD SS	3
11	H-71015	FW 5/16 ID X 3/4 OD SS	2
12	H-71063	LW 1/4" SS	3
13	H-M82550	HCS M6-1.0 X 20 SS	3
14	H-RUE8	RUE RING COTTER	1

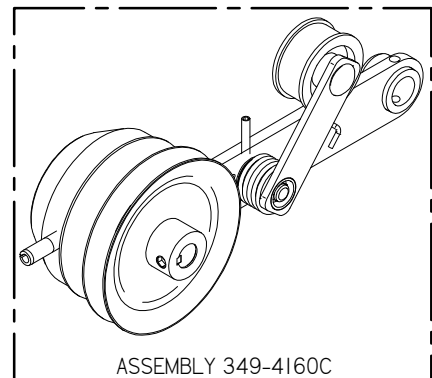
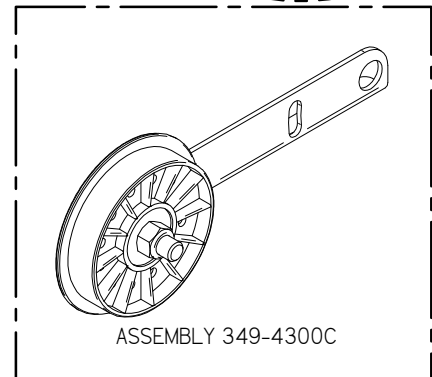
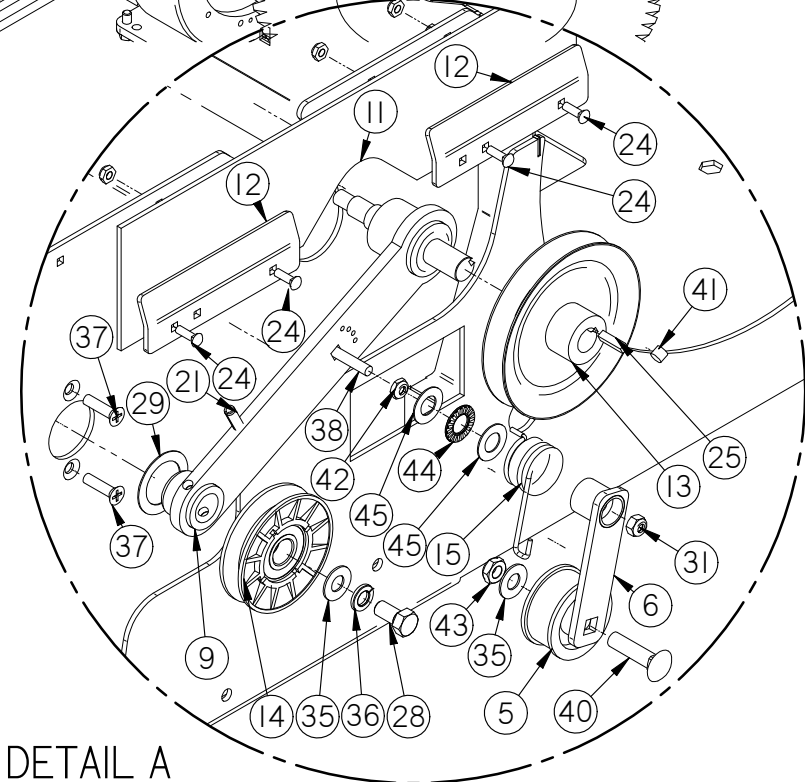
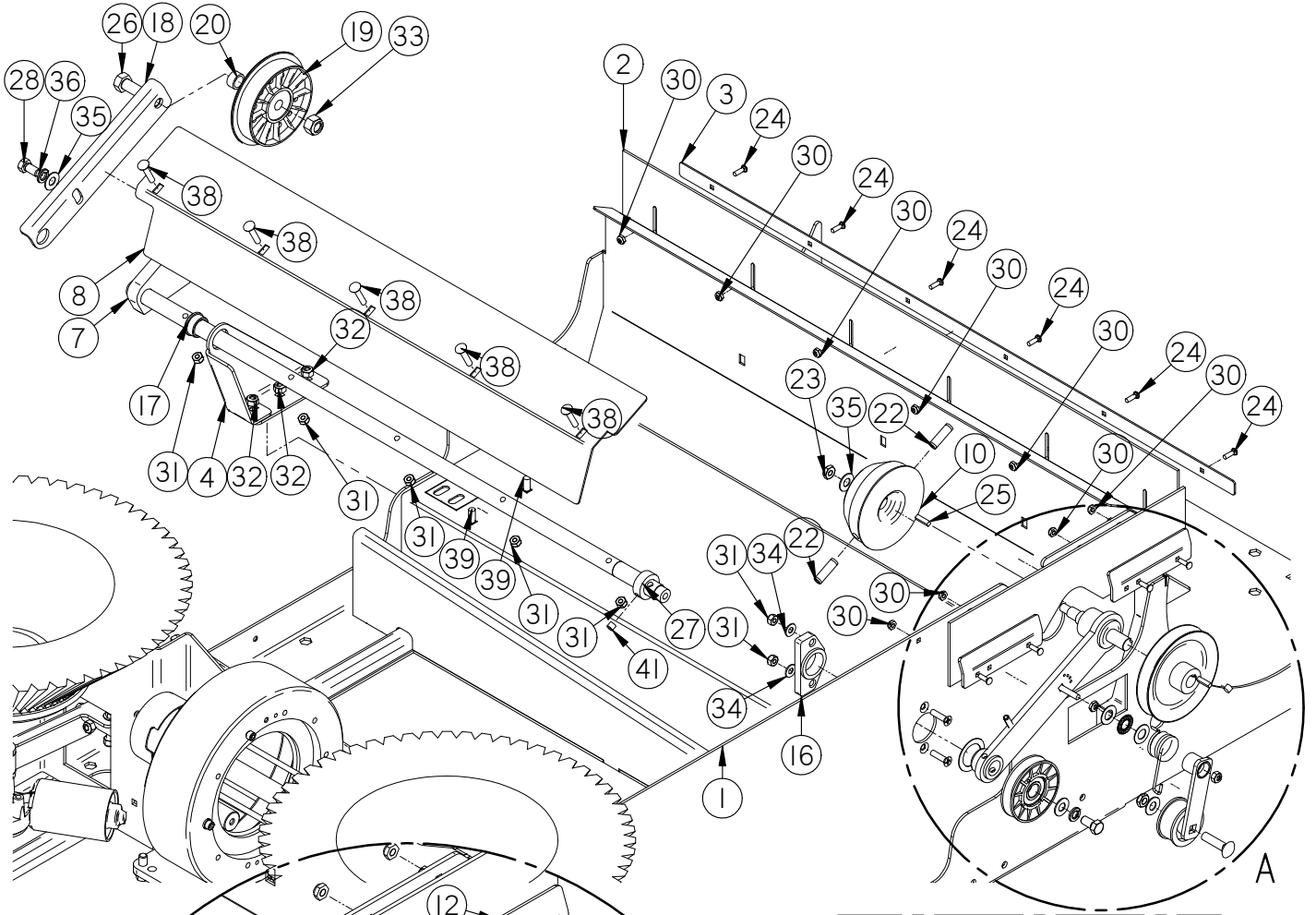
Front Wheel and Side Brooms



Front Wheel and Side Brooms

Item	Part No.	Part Description	Qty.
1	349-1100	MAIN FRAME	1
2	349-4620	SIDE BROOM SUSPENSION AXLE SHAFT	1
3	4-4230	3/4" X 1" X 1/2" FLG BEARING	2
4	8-294	HORN	1
5	H-0127296	LOOP CLAMP, 1.0"	1
6	H-33376	SET SCREW SHAFT COLLAR, 3/4" ID X 9/16 LG	2
7	H-70053	HCS 5/16"- 18 X 3/4" SS	2
8	H-70860	NYLOK 1/4"- 20 SS	1
9	H-70861	NYLOK 5/16" - 18 SS	15
10	H-70925	KN 1/4-20 S/S	1
11	H-71015	FW 5/16 ID X 3/4 OD SS	8
12	H-71065	LW 5/16" SS	12
13	H-71180	HCS 5/16"- 18 X 1-1/2" FULLY THREADED	4
14	H-74420	CB 1/4"- 20 X 1.0" SS	1
15	H-74430	CB 5/16"- 18 X 1" SS	9
16	H-74431	CB 5/16"- 18 X 1-1/4" SS	1
17	H-81983	5/16" X 1/4" KURL SET SCREW	2

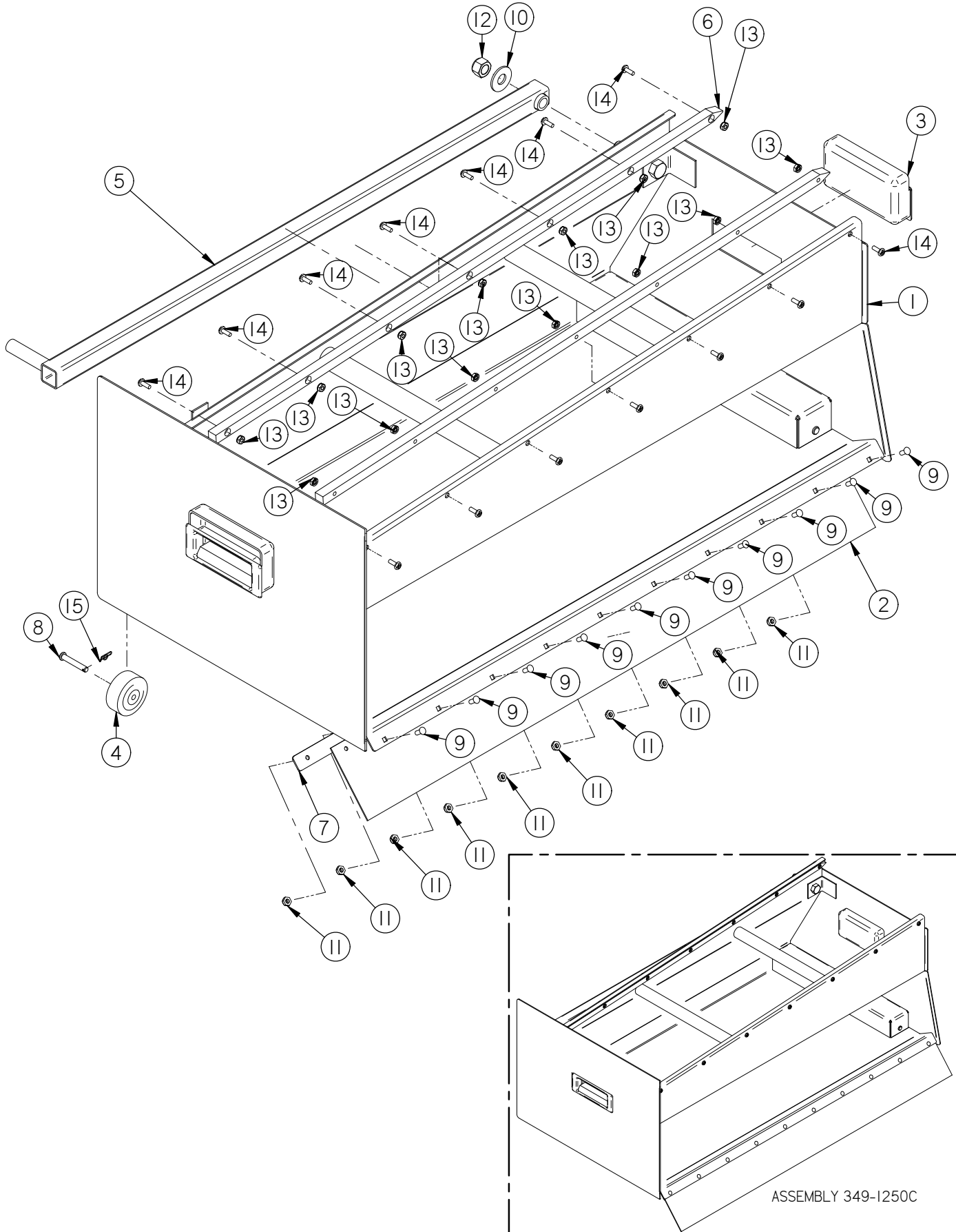
Main Broom Driver and Idler Arm



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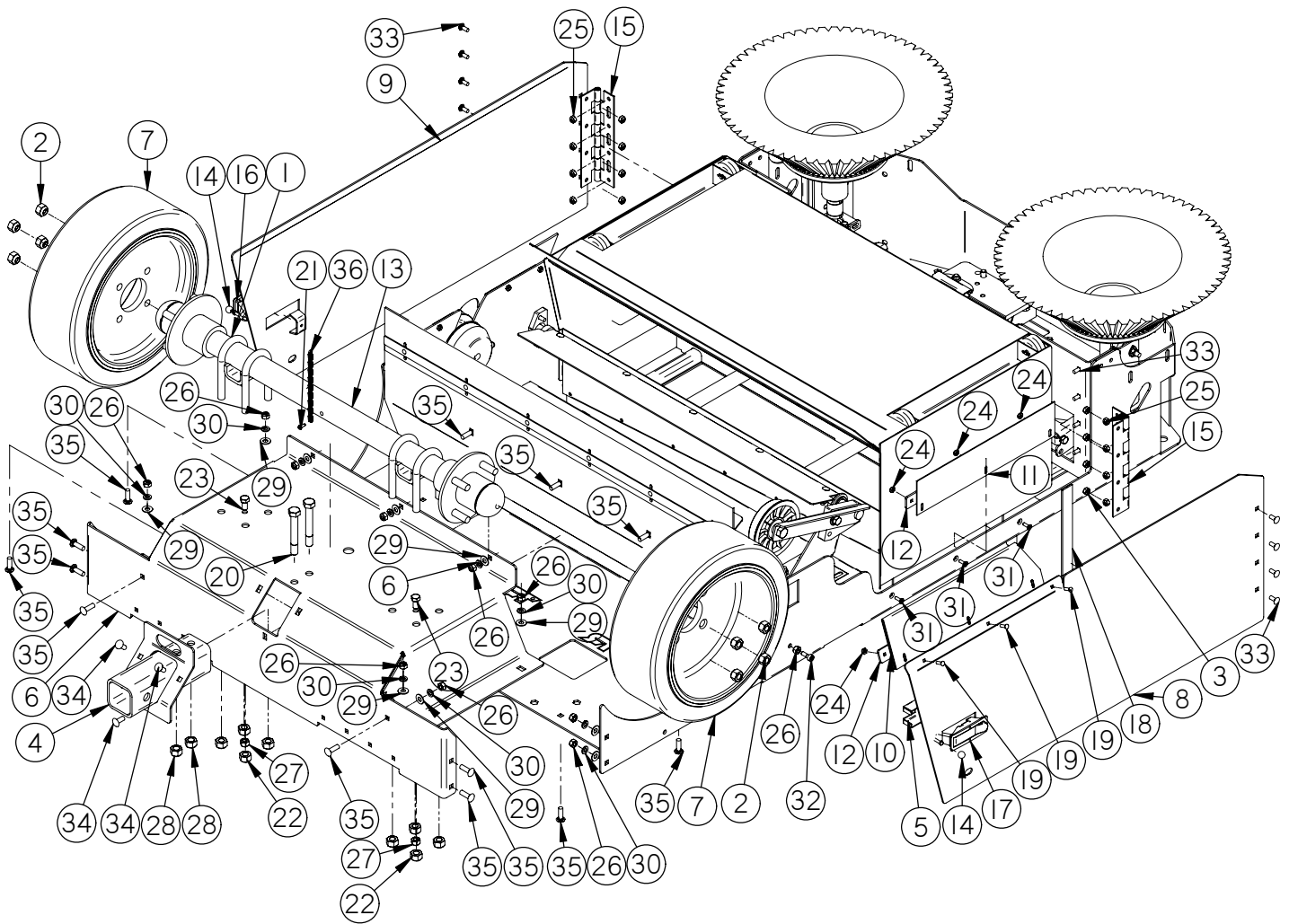
Main Broom Driver and Idler Arm

Item	Part No.	Part Description	Qty.
1	349-1100	MAIN FRAME	1
2	349-1165	CURTAIN, REAR WALL	1
3	349-1175	CURTAIN BAND, REAR WALL	1
4	349-1240	MAINBROOM SUPPORT BRACKET	1
5	349-3170	IDLER PULLEY	1
6	349-3600	REVERSE IDLER ARM	1
7	349-4100	MAIN BROOM SUSPENSION ARM	1
8	349-4140	ATTENUATOR	1
9	349-4160A	MAIN BROOM LAT ARM W/BEARING	1
10	349-4200	BROOM DRIVER	1
11	349-5750	RIGHT SIDE CURTAIN	1
12	349-5760	CURTAIN BAND	2
13	4-316	BROOM DRIVE PULLEY	1
14	4-318	IDLER PULLEY	1
15	4-319	TENSION SPRING	1
16	4-421	SUPPORT BLOCK	1
17	4-4230	3/4" X 1" X 1/2" FLG BEARING	1
18	4-430	IDLER ARM	1
19	4-432	IDLER DRUM	1
20	4-432A	IDLER DRUM SPACER	1
21	H-00103	1/4" X 1 1/2" SPRING PIN	1
22	H-00105	3/8" X 1 1/4" SPRING PIN	2
23	H-0171004	JNYL 3/8- 24 SS	1
24	H-0172519	CB #10-32 X 5/8" SS	10
25	H-0953152	3/16" X 3/4" KEY	2
26	H-13211	HCS 1/2"-13 X 2"	1
27	H-33376	SHAFT COLLAR, 3/4" ID X 9/16 LG	1
28	H-70103	HCS 3/8"-16 X 3/4" SS	2
29	H-7042834	SHIM 1.125 ID X 1.625 OD X .030 SS	1
30	H-70858	NYLOK #10-32 SS	10
31	H-70860	NYLOK 1/4"- 20 SS	8
32	H-70861	NYLOK 5/16" - 18 SS	3
33	H-70864	NYLOK 1/2"-13 SS	1
34	H-71013	FW 1/4 ID X 5/8 OD SS	2
35	H-71017	FW 3/8 ID X 7/8 OD SS	4
36	H-71067	LW 3/8" SS	2
37	H-72710	FHP 1/4"- 20 X 1" SS	2
38	H-74421	CB 1/4"- 20 X 1-1/4" SS	6
39	H-74429	CB 5/16"- 18 X 3/4" SS	3
40	H-74438	CB 3/8"- 16 X 1-1/2" SS	1
41	H-81983	5/16" X 1/4" KURL SET SCREW	2
42	H-NJ04C	JNYL 1/4" - 20 SS	1
43	H-NJ06C	JNYL 3/8- 16 SS	1
44	M-5909K31	NEEDLE ROLLER THRUST BEARING	1
45	M-5909K44	NEEDLE ROLLER THRUST BEARING WASHER	2



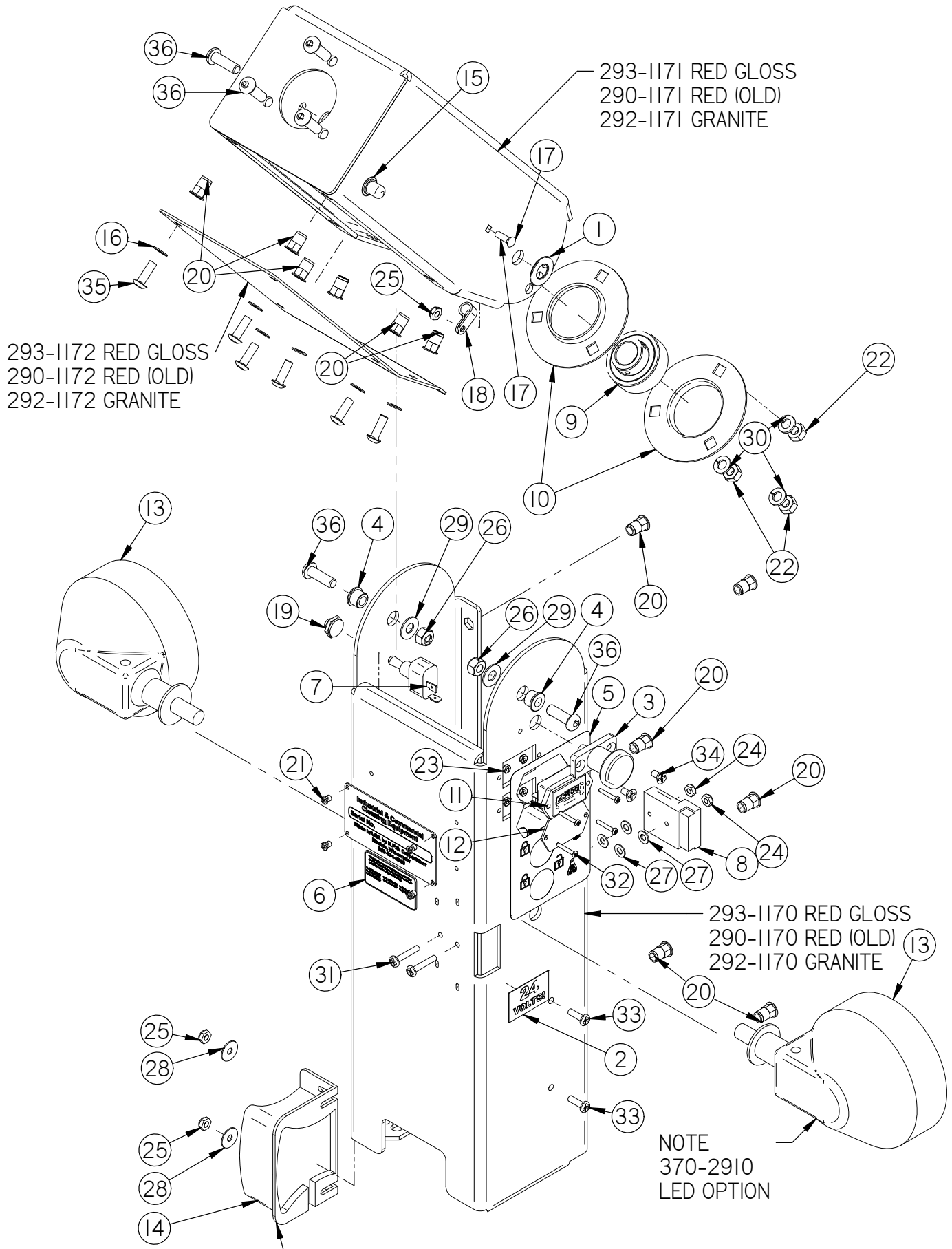
Hopper

Item	Part No.	Part Description	Qty.
1	349-1250	HOPPER BODY	1
2	349-5710	HOPPER FLAP	1
3	5-849	RECESSED HANDLE	2
4	8-124	HOPPER WHEEL	4
5	8-128	HOPPER HANDLE	1
6	8-163	HDPE SLIDE RAIL	2
7	8-575	HOPPER FLOOR SEAL CLAMP	1
8	H-0156730	1/4" X 1 1/2" CLEVIS PIN	4
9	H-0172518	CB #10-32 X 1/2" SS	10
10	H-50352	FW 17/32" SS	1
11	H-70858	NYLOK #10-32 SS	10
12	H-70864	NYLOK 1/2"-13 SS	1
13	H-70922	KN #8-32	14
14	H-72398	PPH #8-32 X 1/2" S/S	14
15	H-RUE8	RUE RING COTTER	4



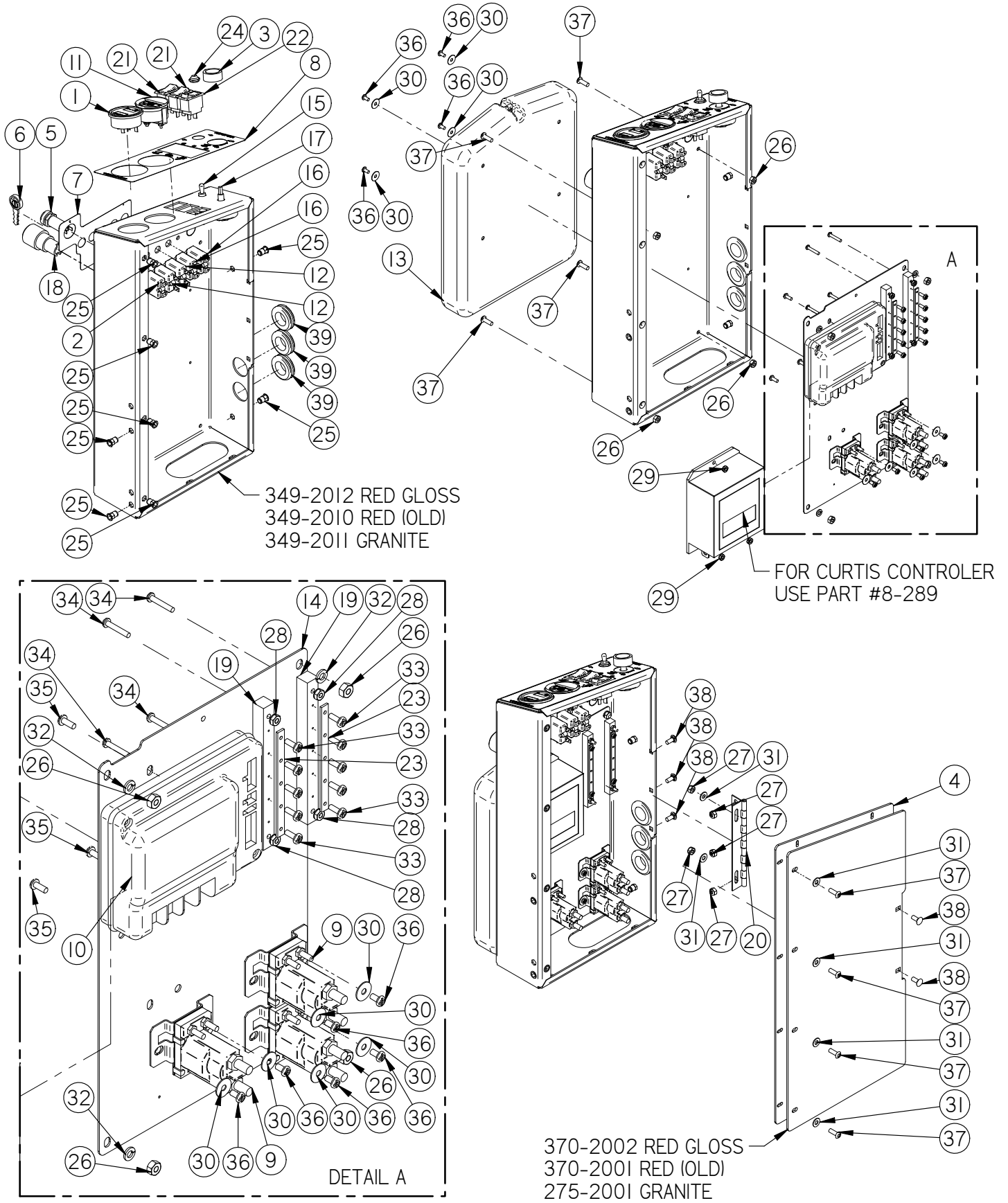
Rear Axle

Item	Part No.	Part Description	Qty.
1	290-6186	1/2-20 X 1-1/4 " U BOLT	4
2	290-6187	LUG NUT, 1/2"- 20	8
3	349-1100	MAIN FRAME	1
4	349-1190	TRAILER HITCH RECEIVER	1
5	349-1300	LATCH COVER	1
6	349-5000	STRAIGHT AXLE MOUNT	1
7	349-6180	14" REAR WHEEL	2
8	349-9507	LEFT SIDE DOOR	1
9	349-9508	RIGHT SIDE DOOR	1
10	349-9509	LEFT SIDE DOOR CURTAIN	1
11	349-9510	HOPPER SIDE CURTAIN	1
12	349-9515	LEFT CURTAIN BAND	2
13	370-6040	REAR AXLE	1
14	5-100	GROMMET	2
15	5-122	8" SS HINGE	2
16	5-130	DOOR LATCH	1
17	5-130	DOOR LATCH	1
18	8-048	DOOR GASKET	1
19	H-0172519	CB #10-32 X 5/8" SS	4
20	H-13217	HCS 1/2"-13 X 3-1/2" SS	2
21	H-31810	#10-16 X 1/2 DRILL TAP	1
22	H-37130	NYLOK NUT, 1/2"- 20	8
23	H-70103	HCS 3/8"-16 X 3/4" SS	2
24	H-70858	NYLOK #10-32 SS	7
25	H-70860	NYLOK 1/4"- 20 SS	16
26	H-70861	NYLOK 5/16" - 18 SS	18
27	H-70862	NYLOK 3/8"-16 SS	2
28	H-70864	NYLOK 1/2"-13 SS	2
29	H-71015	FW 5/16 ID X 3/4 OD SS	13
30	H-71065	LW 5/16" SS	13
31	H-72683	FHP #10-32 X 5/8" SS	3
32	H-73494	SHCS 5/16-18 X 3/4 SS	2
33	H-74418	CB 1/4"- 20 X 5/8" S/S	16
34	H-74429	CB 5/16"- 18 X 3/4" SS	3
35	H-74430	CB 5/16"- 18 X 1" SS	13
36	T-360824S0800	8" GOLD GROUDING CHAIN	1



Steering Tower

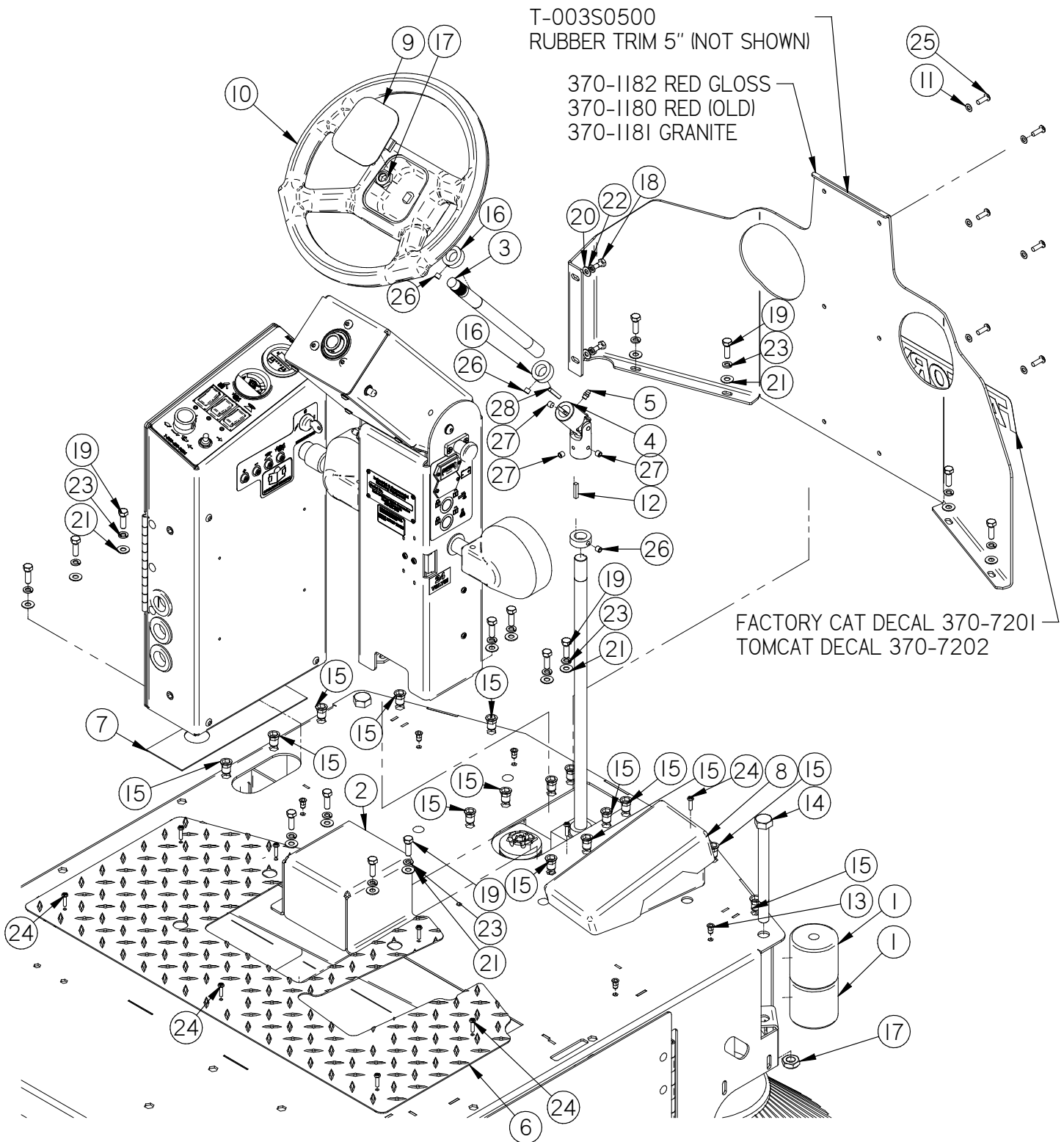
Item	Part No.	Part Description	Qty.
1	290-1247	BRONZE THRUST BEARING, .50" ID X 1.0" OD X 1/16" TH	2
2	290-1505	24 VOLT STICKER	1
3	290-7050	INDEX PLUNGER	1
4	370-1245	BUSHING	2
5	370-7204	METER STICKER	1
6	370-7206	PATENT PLATE	1
7	370-8920	TOGGLE, ON-OFF SPST	1
8	4-259	CONNECTOR, RED 50, HOUSING ONLY	1
9	4-352	BEARING	1
10	4-364A	FLANGE, 1.75" ID	2
11	8-262	HOUR METER	1
12	8-263	METER PLUG	1
13	8-291	HEADLIGHT	2
14	8-292	BACKUP ALARM	1
15	8-294B	PUSH BUTTON SWITCH, SILVER	1
16	H-00282	FW 1/4" NYLON	6
17	H-0172519	CB #10-32 X 5/8" SS	1
18	H-02239	3/8" NYLON LOOP CLAMP	1
19	H-11200	PROTECTIVE BOOT, TOGGLE SWITCH, (BLACK)	1
20	H-250HCN	HCN 1/4"-20	12
21	H-41007	AB4-3A BLIND RIVET	4
22	H-70711	HN 5/16"- 18 SS	4
23	H-70854	NYLOK #4-40 SS	4
24	H-70856	NYLOK #8-32 SS	2
25	H-70858	NYLOK #10-32 SS	3
26	H-70861	NYLOK 5/16" - 18 SS	2
27	H-71009	FW #10 SS	4
28	H-71010	FW #10 ID X 11/16 OD SS	2
29	H-71015	FW 5/16 ID X 3/4 OD SS	2
30	H-71065	LW 5/16" SS	4
31	H-72418	PPH #8-32 X 1" S/S	2
32	H-72490	PPH #4-40 X 3/4" S/S	4
33	H-72517	PPH #10-32 X 5/8" SS	2
34	H-72681	FHP #10-32 X 3/8" SS	2
35	H-73754	BHSCS 1/4 - 20 X 3/4" SS	6
36	H-73780	BHSCS 5/16-18 X 1	6



Central Command

Item	Part No.	Part Description	Qty.
1	190-4855	24V BATTERY AND HOUR METER	1
2	190-9609	FUSE, RESETTABLE, 40 AMP	1
3	21-4520	SPEED CONTROL KNOB, RED	1
4	290-2004	ACCESS COVER GASKET	1
5	290-234	KEY SWITCH (WITH KEY)	1
6	290-234A	KEY SET (REPLACE)	1
7	349-1500	CONTROL PANEL STICKER, FRONT	1
8	349-2013	CONTROL PANEL STICKER, TOP	1
9	349-2331	RELAY, 24V, SMALL W/FLAT MTG PLATE	3
10	349-2899	IDRIVE 24V 140 AMP CONTROLLER	1
11	349-4852	BROOM PRESSURE GAUGE, 40 AMP	1
12	349-9604	FUSE, RESETTABLE, 4 AMP, 50V DC MAX	2
13	370-0002	OPERATORS MANUAL HOLDER	1
14	370-2006	HARDWARE PANEL	1
15	370-8210	SWITCH, TOGGLE, ON/ON (DPDT)	1
16	390-9615	FUSE, RESETTABLE, 15 AMP, 50V DC MAX	2
17	4-451	RHEOSTAT, 2.5 AMP	1
18	5-300	EMERGENCY SHUT OFF	1
19	7-287	BUSS BAR UHMW	2
20	8-180	HINGE, 6-7/8" S/S	1
21	8-231	SWITCH, ON-OFF ROCKER SPST	2
22	8-233	OFF-MOM SPST	1
23	E-5HBB	5 HOLE BUSS BAR	2
24	H-11196	PROTECTIVE BOOT, TOGGLE SWITCH, (RED)	1
25	H-250HCN	HCN 1/4"-20	8
26	H-70710	HN 1/4"- 20 SS	8
27	H-70860	NYLOK 1/4"- 20 SS	5
28	H-70922	KN #8-32	4
29	H-70923	KN #10-32 SS	3
30	H-71010	FW #10 ID X 11/16 OD SS	10
31	H-71013	FW 1/4 ID X 5/8 OD SS	6
32	H-71063	LW 1/4" SS	4
33	H-72398	PPH #8-32 X 1/2" S/S	10
34	H-72418	PPH #8-32 X 1" S/S	4
35	H-72515	PPH #10-32 X 1/2" S/S	3
36	H-73742	PPH #10-32 X 3/8" S/S	10
37	H-73754	BHSCS 1/4 - 20 X 3/4" SS	8
38	H-74418	CB 1/4"- 20 X 5/8" S/S	5
39	H-9307K74	GROMMET, 1" ID X 1-3/4" OD BUNA-N	3

Central Command and Steering Tower

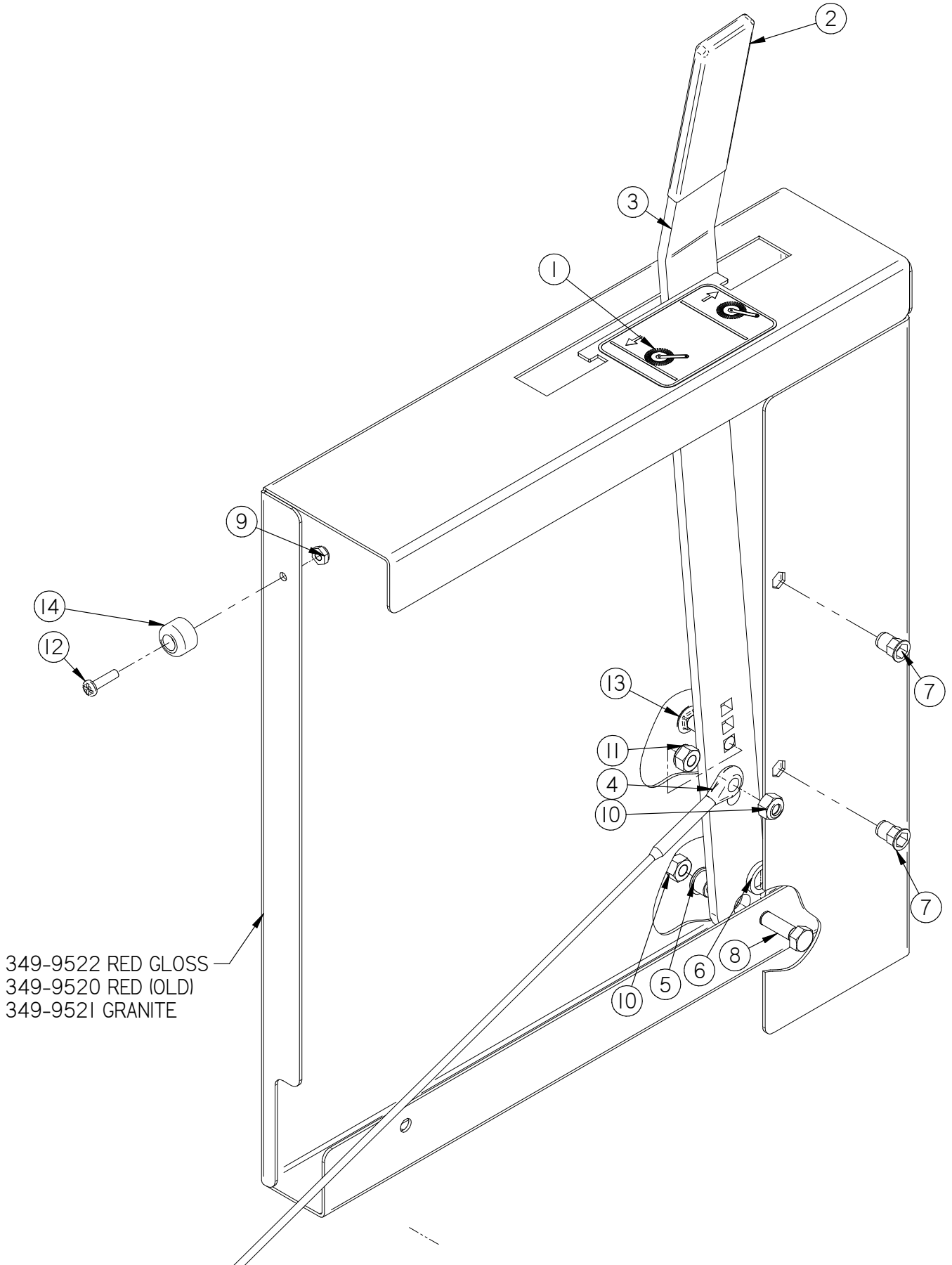


Central Command and Steering Tower

Item	Part No.	Part Description	Qty.
1	21-1127	ROLLER	2
2	250-1173	DRIVE COVER	1
3	290-7090	STEERING SHAFT, UPPER	1
4	290-7110	U-JOINT	1
5	290-7111	1/4-28 ZERK FITTING	1
6	370-1610	NON SKID FLOOR PLATE	1
7	370-2004	CENTRAL COMMAND DUST CURTAIN	1
8	8-290	FOOT PEDAL	1
9	8-701A	STEERING COVER	1
10	8-703	STEERING WHEEL	1
11	H-00282	FW 1/4" NYLON	6
12	H-01125	3/16" X 1" KEY	1
13	H-02309	HCN #10-32, LG CRIMP	5
14	H-13327	HB 5/8"- 11 X 7"	2
15	H-312NCNL	HCN 5/16"-18 LG	15
16	H-33376	SET SCREW SHAFT COLLAR, 3/4" ID X 9/16 LG	3
17	H-37038	JNYL 5/8"- 11	2
18	H-70003	HCS 1/4"-20 X 3/4" SS	2
19	H-70055	HCS 5/16"- 18 X 1" SS	15
20	H-71013	FW 1/4 ID X 5/8 OD SS	2
21	H-71015	FW 5/16 ID X 3/4 OD SS	15
22	H-71063	LW 1/4" SS	2
23	H-71065	LW 5/16" SS	15
24	H-72534	PPH #10-32 X 3/4" S/S	9
25	H-73754	BHSCS 1/4 - 20 X 3/4" SS	6
26	H-81983	5/16" X 1/4" KURL SET SCREW	3
27	H-82022	5/16-24" X 1/4" KURL SET SCREW	3
28	H-K14320	3/16" X 1 1/4" KEY	1

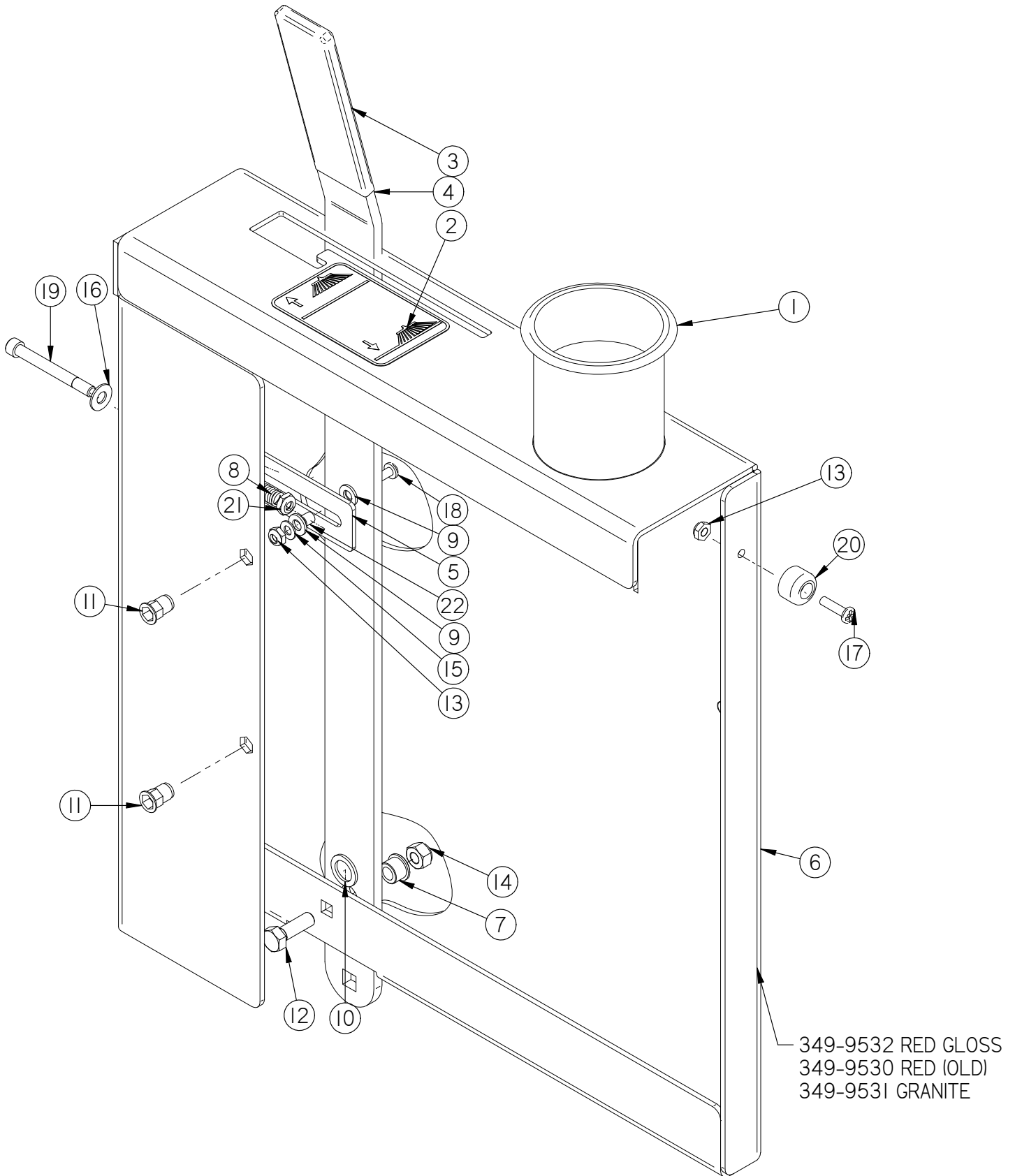
Filter Box

Item	Part No.	Part Description	Qty.
1	290-1233	3/8" ID, 1/2" OD, 1/4" LG BEARING	1
2	349-1400	FILTER CHAMBER	1
3	349-4450	FILTER SHAKER SHAFT	1
4	349-9524	FILTER HOOD	1
5	349-9549	FILTER BEATER BAR PLATE	1
6	4-124	LATCH	1
7	4-124	CLIP, LATCH	1
8	4-145	FILTER CHAMBER VENT LID	1
9	4-444	BROOM SAFETY DRIVE CPLG	1
10	4-503A	FILTER WEIGHT ROD	9
11	4-521A	FILTER SEPARATOR	9
12	8-180	HINGE, 6-7/8" S/S	2
13	8-221	24 VOLT/100 RPM MOTOR	1
14	8-222	MOTOR GASKET	1
15	8-223	GASKET BACKING PLATE	1
16	8-505	FILTER FRAME	1
17	H-02739	FW, 17/32" ID X 3/4" OD X 1/16" TH, TEFLON	1
18	H-25381	1/4"-20 X 3/8" KURL SET SCREW	2
19	H-70002	HCS 1/4"-20 X 5/8" SS	6
20	H-70856	NYLOK #8-32 SS	4
21	H-70860	NYLOK 1/4"- 20 SS	13
22	H-70861	NYLOK 5/16" - 18 SS	4
23	H-71013	FW 1/4 ID X 5/8 OD SS	1
24	H-71063	LW 1/4" SS	3
25	H-72398	PPH #8-32 X 1/2" S/S	4
26	H-73753	BHSCS 1/4 - 20 X 5/8" SS	1
27	H-74418	CB 1/4"- 20 X 5/8" S/S	4
28	H-74421	CB 1/4"- 20 X 1-1/4" SS	2
29	H-M82550	HCS M6-1.0 X 20 SS	3
30	T-00257600	1/2" DBL SIDED TAPE	1
31	T-1233S7750	PUSH-ON RUBBER GASKET	1



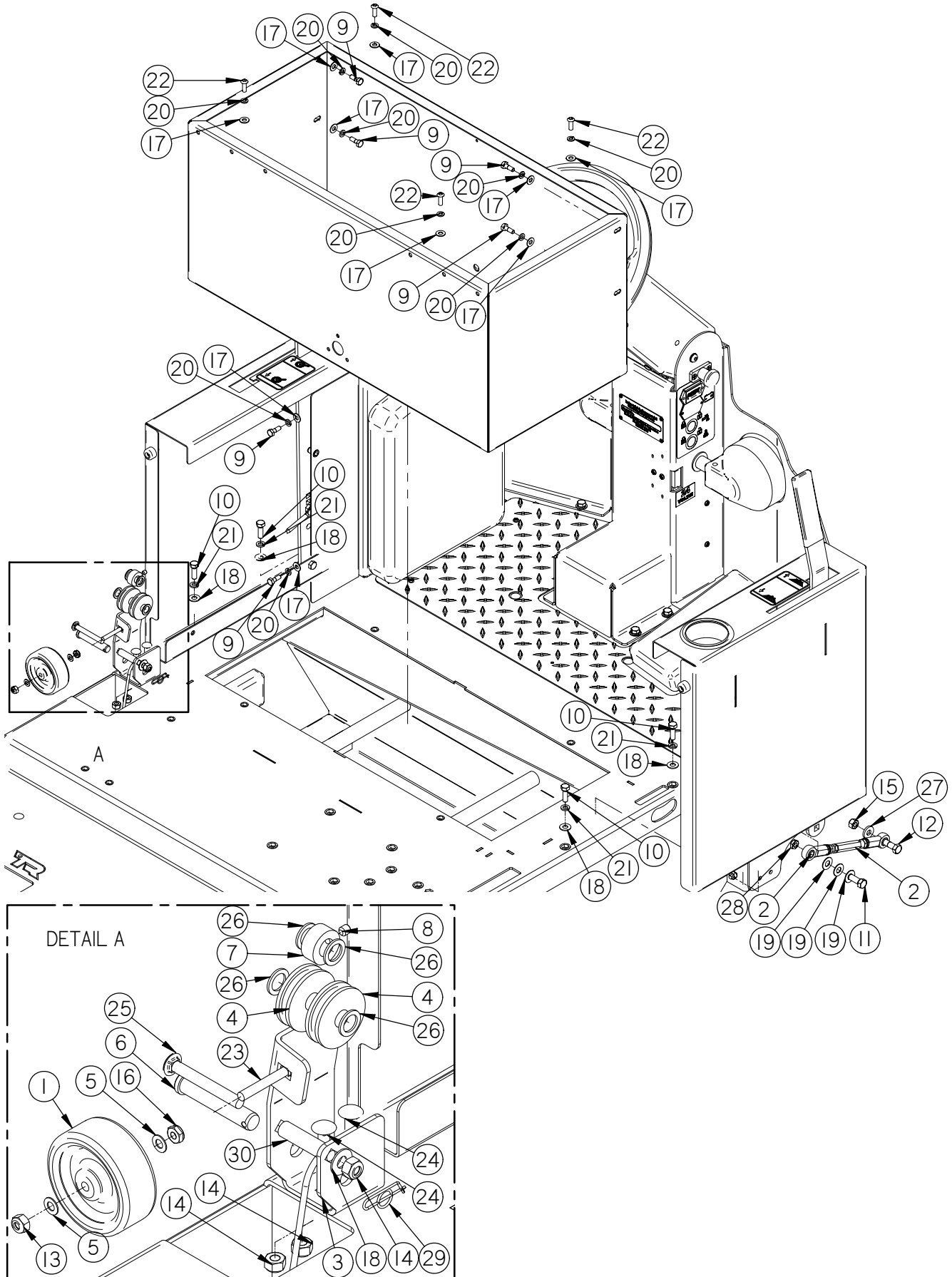
Main Broom Panel

Item	Part No.	Part Description	Qty.
1	349-1501	MAIN BROOM STICKER	1
2	349-4480	LIFT ARM GRIP	1
3	349-4510	MAIN BROOM LIFT LEVER	1
4	349-7890	SIDE BROOM CABLE	1
5	370-1245	BUSHING	1
6	H-01320	FW 1/2" ID X 1/8" THICK NYLON	1
7	H-250HCN	HCN 1/4"-20	2
8	H-70055	HCS 5/16"- 18 X 1" SS	1
9	H-70858	NYLOK #10-32 SS	1
10	H-70861	NYLOK 5/16" - 18 SS	2
11	H-70926	KN 15/16-18 S/S	1
12	H-72534	PPH #10-32 X 3/4" S/S	1
13	H-74431	CB 5/16"- 18 X 1-1/4" SS	1
14	H-9540	RUBBER BUMPER, 25/32"	1



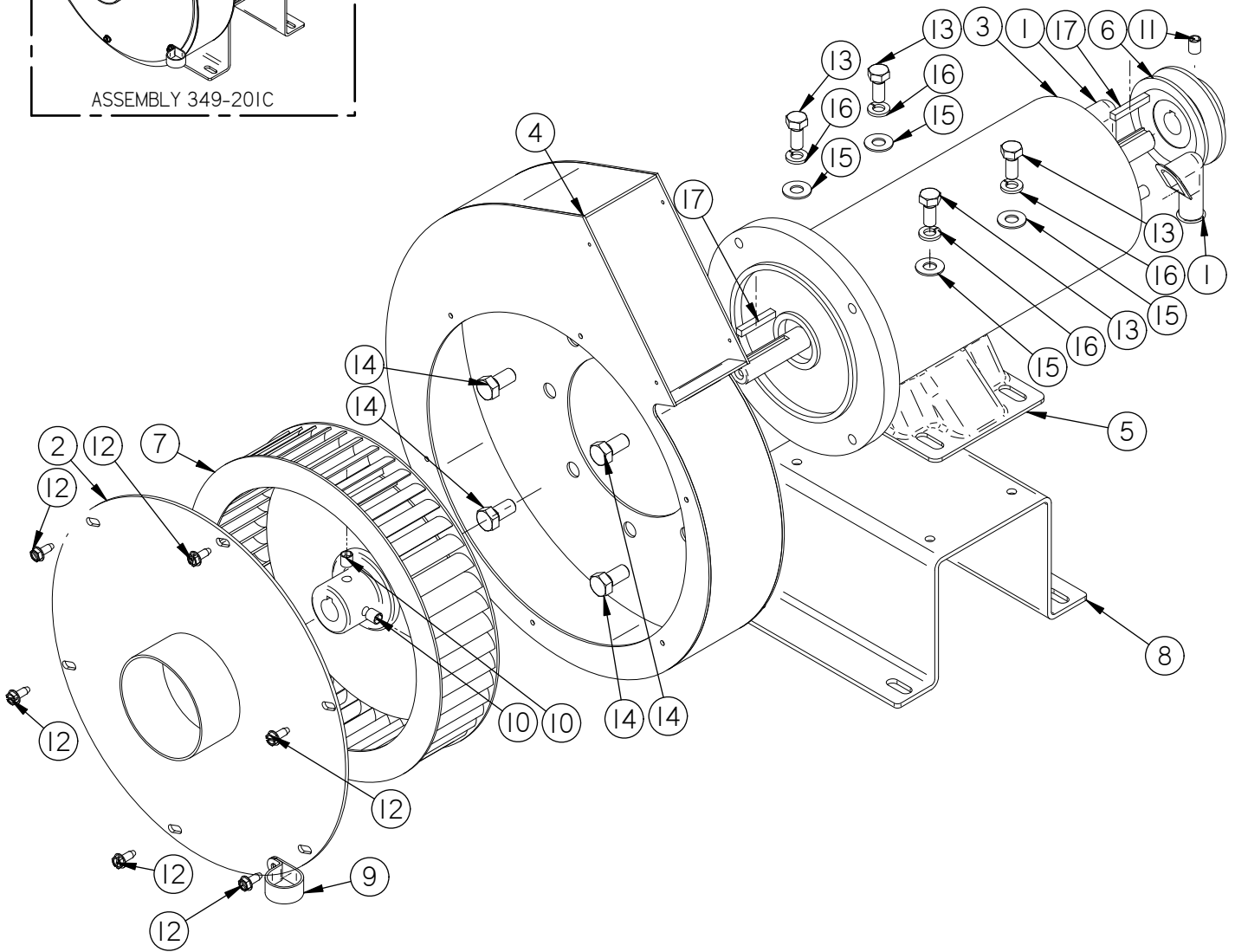
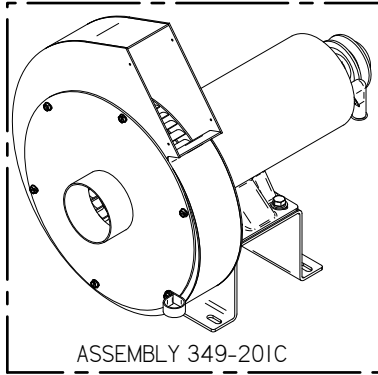
Side Broom Panel

Item	Part No.	Part Description	Qty.
1	349-0014	CUP HOLDER	1
2	349-1502	SIDE BROOM STICKER	1
3	349-4480	LIFT ARM GRIP	1
4	349-4610	LEVER, SIDE BROOM	1
5	349-4650	SIDE BROOM ADJ. PLATE	1
6	349-9530	SIDE BROOM LIFT LEVER PANEL	1
7	370-1245	BUSHING	1
8	8-466	SPRING	1
9	H-00283	FW 1/4" NYLON	2
10	H-05337	FW 1/2" ID X 1/16" THICK NYLON	1
11	H-250HCN	HCN 1/4"-20	2
12	H-70055	HCS 5/16"- 18 X 1" SS	1
13	H-70858	NYLOK #10-32 SS	2
14	H-70861	NYLOK 5/16" - 18 SS	1
15	H-71009	FW #10 SS	1
16	H-71013	FW 1/4 ID X 5/8 OD SS	1
17	H-72534	PPH #10-32 X 3/4" S/S	1
18	H-72536	PPH #10-32 X 1" S/S	1
19	H-73467	SHCS 1/4-20 X 2.25 SS	1
20	H-9540	RUBBER BUMPER, 25/32"	1
21	H-NJ04C	JNYL 1/4" - 20 SS	1
22	M-639IK122	.25 OD X .1875 ID X .25 LG SLEEVE	1



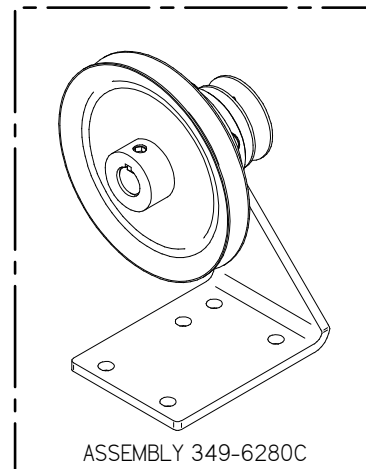
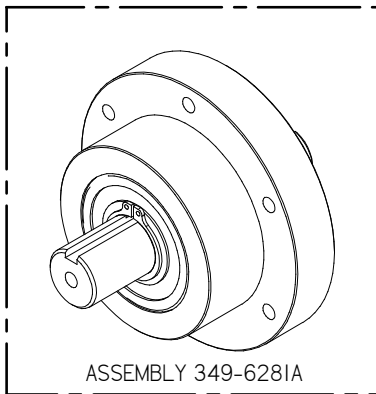
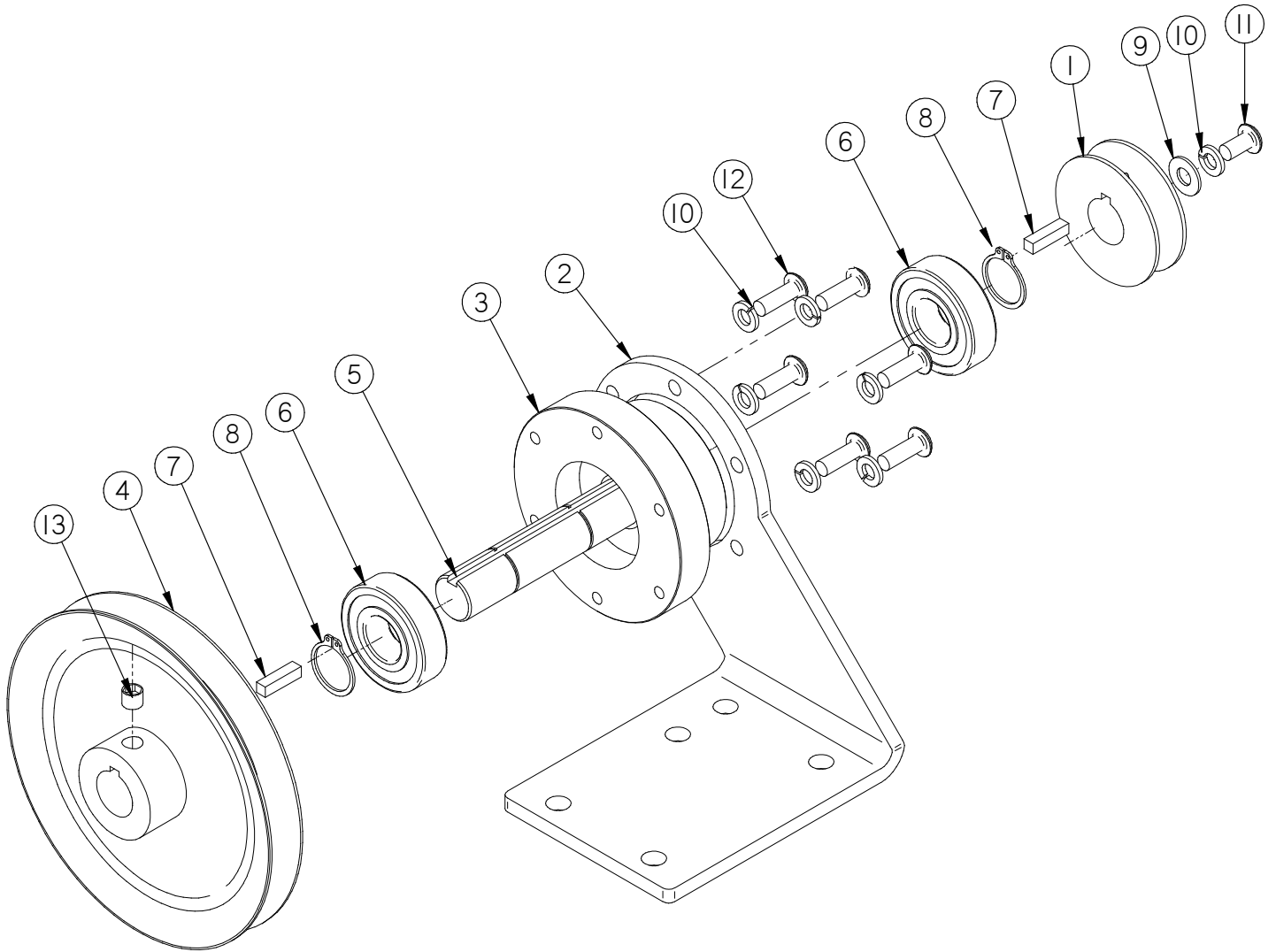
Filter Box and Panels

Item	Part No.	Part Description	Qty.
1	21-7600	SIDE WHEEL (GREY)	1
2	253-8440	ADJUSTABLE LATERAL ARM	1
3	349-1140	MAINBROOM PULLEY BRACKET	1
4	349-7721	PULLEY, NYLON	2
5	H-00282	FW 1/4" NYLON	2
6	H-0156773	CLEVIS PIN, 1/2" X 2-1/2"	1
7	H-03660	.1/2" ID X 7/16" LG SETSCREW SHAFT COLLAR	1
8	H-25379	SETSCREW, KCP, 1/4"-20 X 1/4"	1
9	H-70003	HCS 1/4"-20 X 3/4" SS	6
10	H-70055	HCS 5/16"- 18 X 1" SS	4
11	H-70105	HCS 3/8"- 16 X 1" SS	1
12	H-70109	HCS 3/8"- 16 X 1-1/2" SS	1
13	H-70860	NYLOK 1/4"- 20 SS	1
14	H-70861	NYLOK 5/16" - 18 SS	3
15	H-70862	NYLOK 3/8"-16 SS	1
16	H-70925	KN 1/4-20 S/S	1
17	H-71013	FW 1/4 ID X 5/8 OD SS	10
18	H-71015	FW 5/16 ID X 3/4 OD SS	5
19	H-71017	FW 3/8 ID X 7/8 OD SS	3
20	H-71063	LW 1/4" SS	10
21	H-71065	LW 5/16" SS	4
22	H-73754	BHSCS 1/4 - 20 X 3/4" SS	4
23	H-74396	CB 1/4"- 20 X 1-3/4" SS	1
24	H-74429	CB 5/16"- 18 X 3/4" SS	2
25	H-74434	CB 5/16"- 18 X 2.5" SS	1
26	H-76065	FW 1/2" NYLON	4
27	H-98025	FW 3/8" GRADE 8	1
28	H-NJ06C	JNYL 3/8- 16 SS	1
29	H-RUE22	1/2" RUE RING COTTER	1
30	T-031B0175	CABLE GUIDE	1



Main Broom Motor

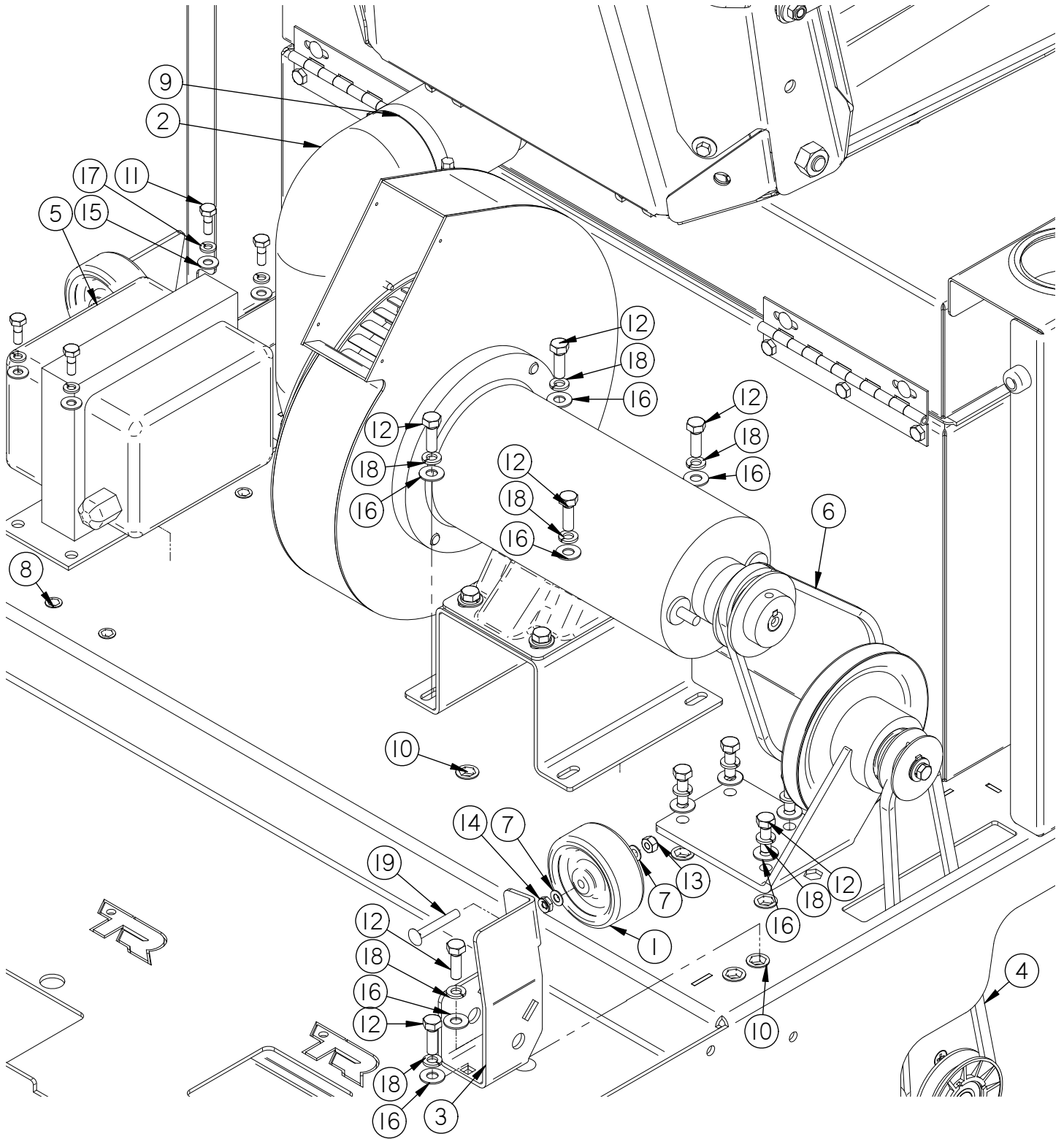
Item	Part No.	Part Description	Qty.
1	290-2780	TERMINAL BOOT, BLACK	2
2	290-9523	BLOWER DOOR PLATE	1
3	349-201	24V 2000 RPM,TWIN SHAFT MOTOR	1
4	349-5110	BLOWER HOUSING	1
5	4-201B	MOTOR CRADLE	1
6	4-301	MAIN DRIVE PULLEY	1
7	4-512	BLOWER WHEEL	1
8	8-165	MOTOR SUPPORT BRACKET	1
9	H-0127296	LOOP CLAMP, 1.0"	1
10	H-25484	5/16" X 5/16" KURL SET SCREW	2
11	H-25485	5/16" X 3/8" KURL SET SCREW	1
12	H-31810	HW #10 X 1/2	6
13	H-70053	HCS 5/16"- 18 X 3/4" SS	4
14	H-70103	HCS 3/8"-16 X 3/4" SS	4
15	H-71015	FW 5/16 ID X 3/4 OD SS	4
16	H-71065	LW 5/16" SS	4
17	H-K14320	3/16" X 1 1/4" KEY	2



Jackshaft

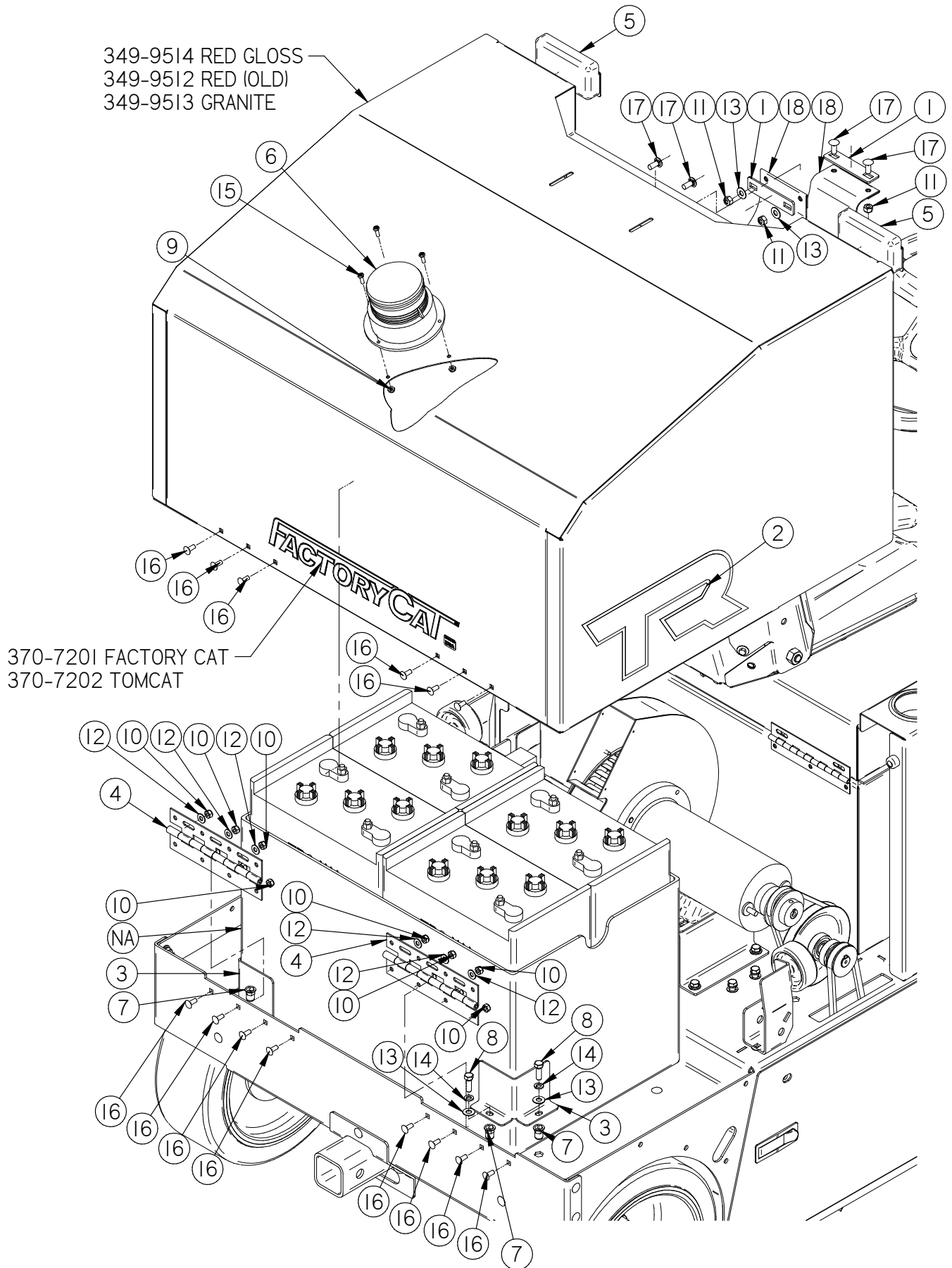
Item	Part No.	Part Description	Qty.
1	349-3200	BROOM DRIVE PULLEY	1
2	349-6280	JACKSHAFT PLATE	1
3	349-6281	JACKSHAFT COLLAR	1
4	4-312	TRANS INPUT PULLEY	1
5	8-641	JACKSHAFT SHAFT	1
6	8-723B	BEARING	2
7	H-0953152	3/16" X 3/4" KEY	2
8	H-68015	SNAPRING 3/4"	2
9	H-71013	FW 1/4 ID X 5/8 OD SS	1
10	H-71063	LW 1/4" SS	7
11	H-73752	BHSCS 1/4 - 20 X 1/2" SS	1
12	H-73754	BHSCS 1/4 - 20 X 3/4" SS	6
13	H-81983	5/16" X 1/4" KURL SET SCREW	1

Main Broom Motor and Jackshaft



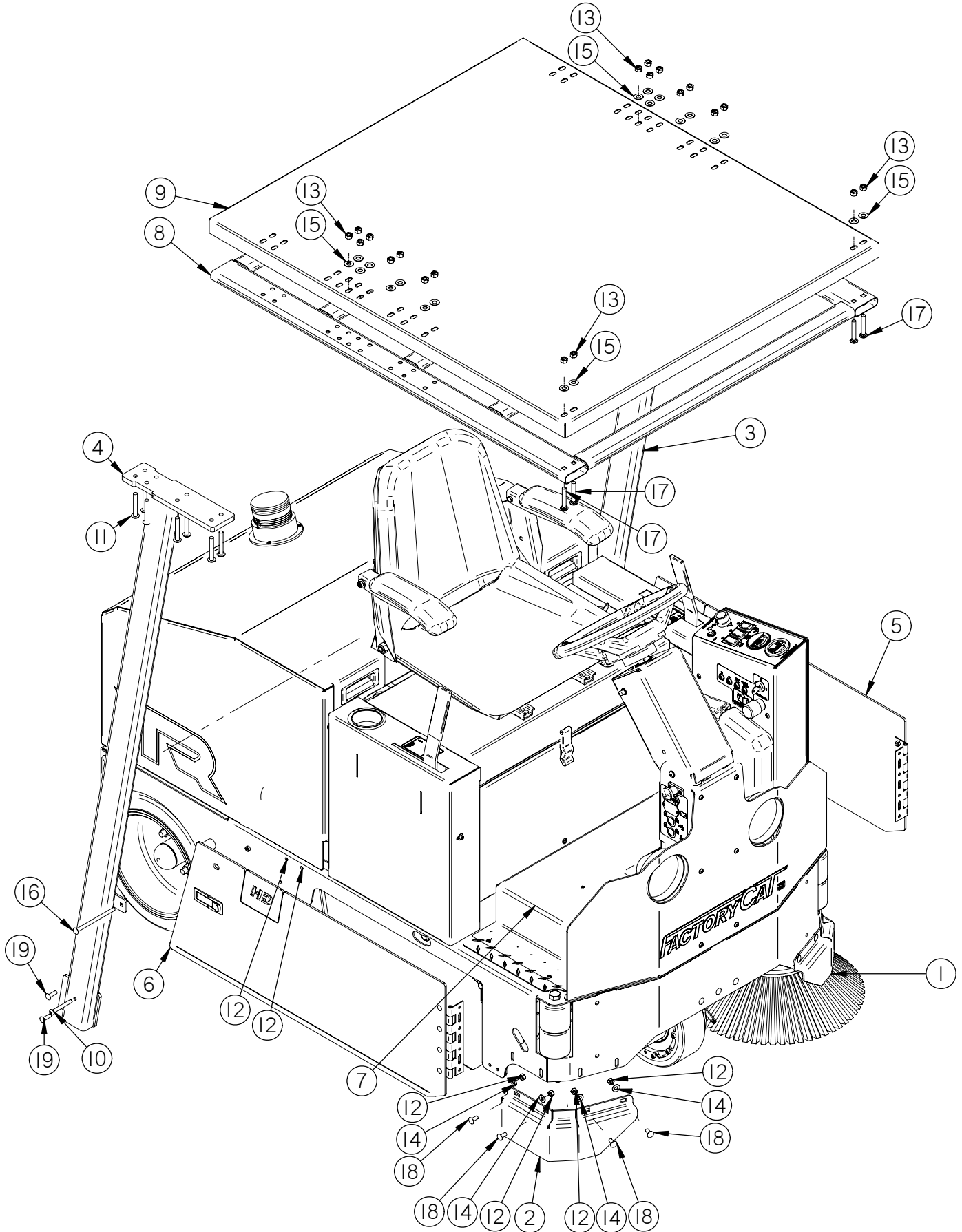
Main Broom Motor and Jackshaft

Item	Part No.	Part Description	Qty.
1	21-7600	SIDE WHEEL (GREY)	1
2	349-0020	3 INCH ID X 20 INCH LG. VAC HOSE	1
3	349-1140	MAINBROOM PULLEY BRACKET	1
4	349-3020	MAIN BROOM BELT	1
5	8-244	BATTERY CHARGER, ON-BOARD, 25 AMP, 110V	1
6	8-301	MOTOR TO JACK SHAFT BELT	1
7	H-00282	FW 1/4" NYLON	2
8	H-00918	HCN 1/4"-20 LG	3
9	H-0427619	CLAMP 2" - 3"	1
10	H-312NCNL	HCN 5/16"-18 LG	8
11	H-70003	HCS 1/4"-20 X 3/4" SS	4
12	H-70055	HCS 5/16"- 18 X 1" SS	10
13	H-70860	NYLOK 1/4"- 20 SS	1
14	H-70925	KN 1/4-20 S/S	1
15	H-71013	FW 1/4 ID X 5/8 OD SS	4
16	H-71015	FW 5/16 ID X 3/4 OD SS	10
17	H-71063	LW 1/4" SS	4
18	H-71065	LW 5/16" SS	10
19	H-74396	CB 1/4"- 20 X 1-3/4" SS	1



Rear Hood

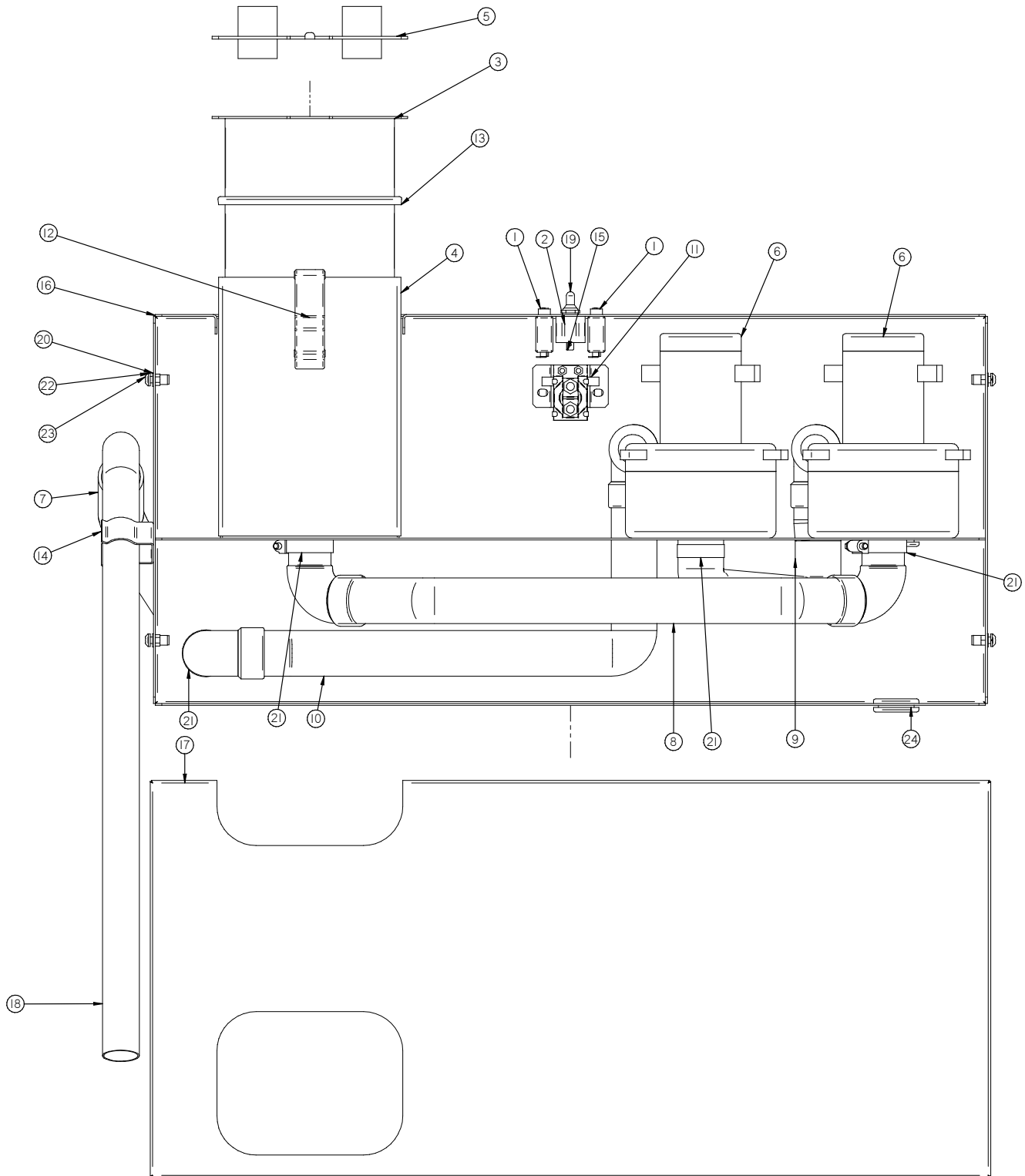
Item	Part No.	Part Description	Qty.
1	253-1040	TANK STRAP SUPPORT	2
2	349-2005	TR STICKER	2
3	390-1490	BATTERY BRACKET	2
4	5-122	8" SS HINGE	2
5	5-849	RECESSED HANDLE	2
6	8-293	STROBE LIGHT	1
7	H-312NCNL	HCS 5/16"-18 LG	7
8	H-70055	HCS 5/16"- 18 X 1" SS	4
9	H-70858	NYLOK #10-32 SS	3
10	H-70860	NYLOK 1/4"- 20 SS	12
11	H-70861	NYLOK 5/16" - 18 SS	3
12	H-71013	FW 1/4 ID X 5/8 OD SS	6
13	H-71015	FW 5/16 ID X 3/4 OD SS	6
14	H-71065	LW 5/16" SS	4
15	H-72517	PPH #10-32 X 5/8" SS	3
16	H-74418	CB 1/4"- 20 X 5/8" S/S	14
17	H-74429	CB 5/16"- 18 X 3/4" SS	4
18	T-39072653900	HOOD STRAP, 39" LG X 4" WIDE	1



Options

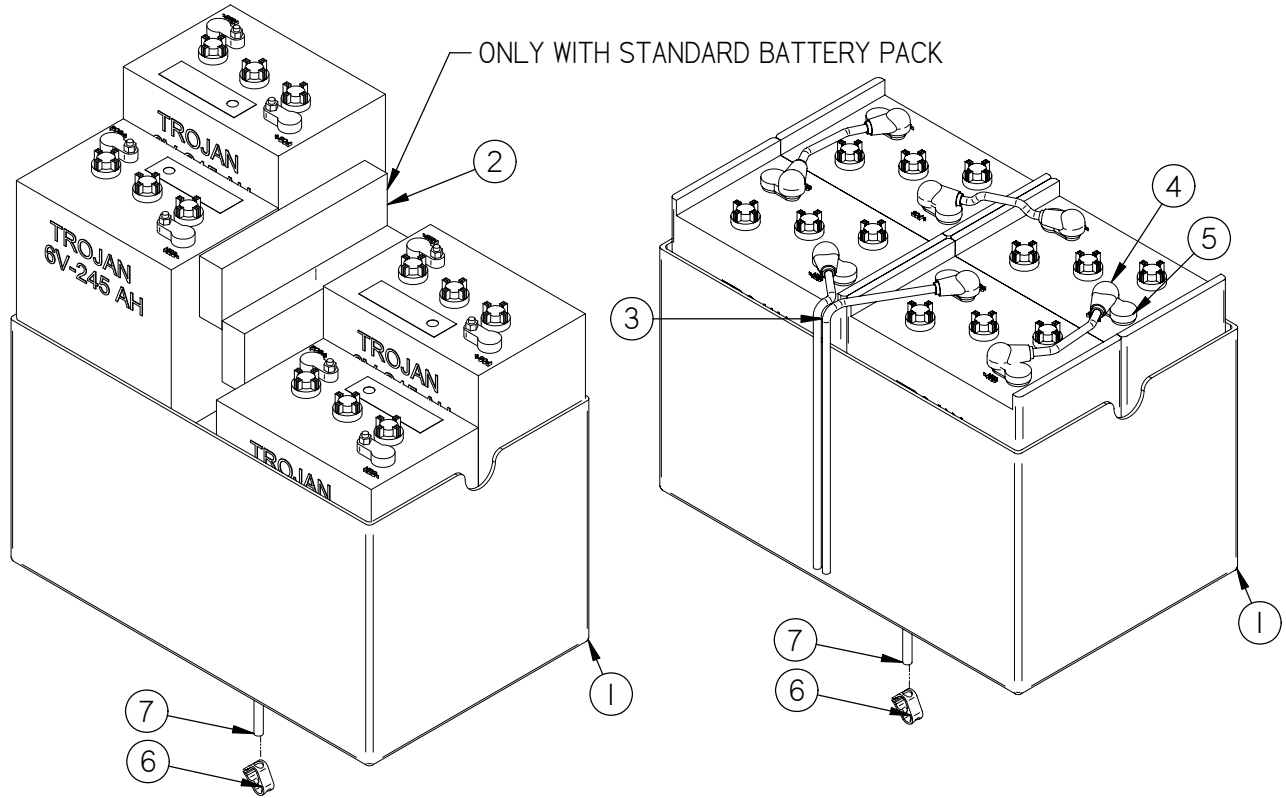
Item	Part No.	Part Description	Qty.
1	349-1115	FRONT GUARD - LH	1
2	349-1116	FRONT GUARD - RH	1
3	349-1701	TR OVERHEAD GUARD SUPPORT (LH)	1
4	349-1702	TR OVERHEAD GUARD SUPPORT (RH)	1
5	349-9505	LEFT SIDE HD DOOR	1
6	349-9506	RIGHT SIDE HD DOOR	1
7	370-1611	RAISED FLOOR	1
8	370-1703	ROOF SUPPORT	1
9	370-1704	OVERHEAD GUARD ROOF	1
10	H-0171292	BHSCS 5/16-18 X 2.5	2
11	H-0171297	BHSCS 3/8"- 16 X 2-1/2" S/S	16
12	H-70861	NYLOK 5/16" - 18 SS	14
13	H-70862	NYLOK 3/8"-16 SS	20
14	H-71015	FW 5/16 ID X 3/4 OD SS	8
15	H-71017	FW 3/8 ID X 7/8 OD SS	20
16	H-74404	CB 5/16"- 18 X 5.0" SS	2
17	H-74416	CB 3/8"- 16 X 2-1/4" SS	4
18	H-74429	CB 5/16"- 18 X 3/4" SS	8
19	H-74430	CB 5/16"- 18 X 1" SS	4

Blower Suction Box



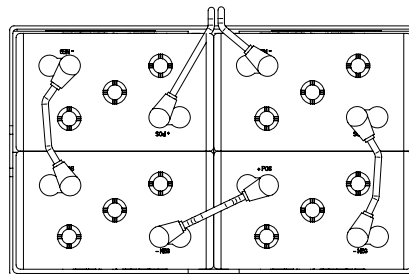
Item	Part No.	Part Description	Qty.	Item	Part No.	Part Description	Qty.
1	190-8370	FUSE RESETTABLE 25 AMP	2	13	5-845A	WINDLACING (WEATHER STRIP)	1
2	200-1011	SWITCHBOARD INSULATOR	1	14	5-886	WAND CLIP	1
3	255-1102	FILTER BAG	1	15	5-892	TOGGLE, ON-OFF SPST	1
4	255-1105	VAC BOX	1	16	8-1452	BLOWER SUCTION BOX	1
5	255-1106	VAC BOX LID	1	17	8-1453	BLOWER BOX LID	1
6	290-250	VAC MOTOR, 3 HP, TANGENTIAL	2	18	8-887	BLOWER WAND	1
7	349-0111	41 X 1-1/2" DIA HOSE	1	19	H-01200	PROTECTIVE BOOT, TOGGLE SWITCH, (BLACK)	1
8	349-0112	SUCTION HOSE 1	1	20	H-250HCN	HCN 1/4"-20	4
9	349-0112	SUCTION HOSE 2	1	21	H-62044	CLAMP 1.0"- 2.0" SS	4
10	349-0112	SUCTION HOSE 3	1	22	H-71063	LW 1/4" SS	4
11	370-2331	RELAY, 36V, SMALL, W/FLAT MTG PLATE	1	23	H-73754	BHSCS 1/4 - 20 X 3/4" SS	4
12	4-124	LATCH	1	24	H-9307K74	GROMMET, 1" ID X 1-3/4" OD BUNA-N	2

Batteries



Item	Part No.	Part Description	Qty.
1	253-1480	MAGNUM SERIES BATTERY TRAY	1
2	290-1490	BATTERY SPACER, 11.0"	2
3	349-1900	WIRE HARNESS, COMPLETE	1
4	H-40031	BATTERY BOOT	8
5	H-400317	TERMINAL COVER	8
6	M-503IK12	CLAMP STYLE PINCH VALVE	1
7	T-031BI200	BLACK DRAIN HOSE	1

24-V



(4) 6-V BATTERY WIRING DIAGRAM

WHICH BATTERY CHARGER TO USE WITH BATTERY SELECTION				
Battery Part Number & Description	Off-Board Charger North American	Off-Board Charger Export	On-Board Charger North American	On-Board Charger Export
250-2113 (6V, 240 AH)	21-2440	21-2442	8-244	8-246
370-2118 (6V, 420 AH)	7-244	7-251	8-245	8-247
250-2114 (6V, 260 AGM)	21-2450	21-2451	N/A	N/A
290-2112 (6V, 390 AGM)	7-2450	7-2451	N/A	N/A

Note: Japan & Korea are not included for list above.

CYLINDRICAL BROOMS:

BROOM TYPE	PART #S
Poly	8-401
Nylon	8-401N
Carpet Broom	8-401NN
Poly & Steel	8-401S
Union	8-401U
Union & Steel	8-401US

SIDE BROOMS:

SIDE BROOM TYPE	PART#S
Poly	4-402
Poly & Steel	4-402S

FILTER KITS:

FILTER TYPE	PART#S
Standard Filter Assembly <small>(Includes Tape Seal Kit, Grill, and Filter)</small>	4-500
Standard Filter Kit <small>(Includes Tape Seal Kit and Filter)</small>	4-502D
1 Micron Filter	4-502
0.2 Micron Filter	4-502F
Nomex Filter	4-502N
Filter Tape Seal Kit	4-502K

SEAL KITS:

SEAL KIT	PART#S
Neoprene Seal Set	349-5700
Urethane Seal Set	349-5700U

Suggested Parts Inventory**VR Suggested Parts Inventory**

Quantity	Part #	Description
1	349-5710	Hopper Flap
2	349-9510	Hopper Side Curtain
1	349-1165	Curtain, Rear Wall
1	8-220	Side Broom Motor
2	4-402	Side Broom Polypropylene
1	H-0156730	1/4" x 1 1/2" Clevis pin
1	H-RUE8	Rue Ring Cotter 1/4"
1	4-319	Tension Spring
1	8-262	Hour Meter
1	349-2013	Control Panel Sticker Top
1	190-4855	Battery Meter
1	349-4852	Broom Pressure Gauge
1	8-231	Switch. On-Off, Rocker Switch
1	349-2331	Relay, 24V, Small w/flat MTG plate
1	H-01196	Protective Boot, Toggle Switch (RED)
1	349-3020	Main Broom Belt
1	8-301	Motor to Jack Shaft Belt
1	8-244	Battery Charger, Onboard, 24 Volt, 25 Amp, 110Volt A/C
1	370-7202	Tomcat Decal - Front Apron
2	349-2006	VR Sticker

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