



Electronic Service Manuals

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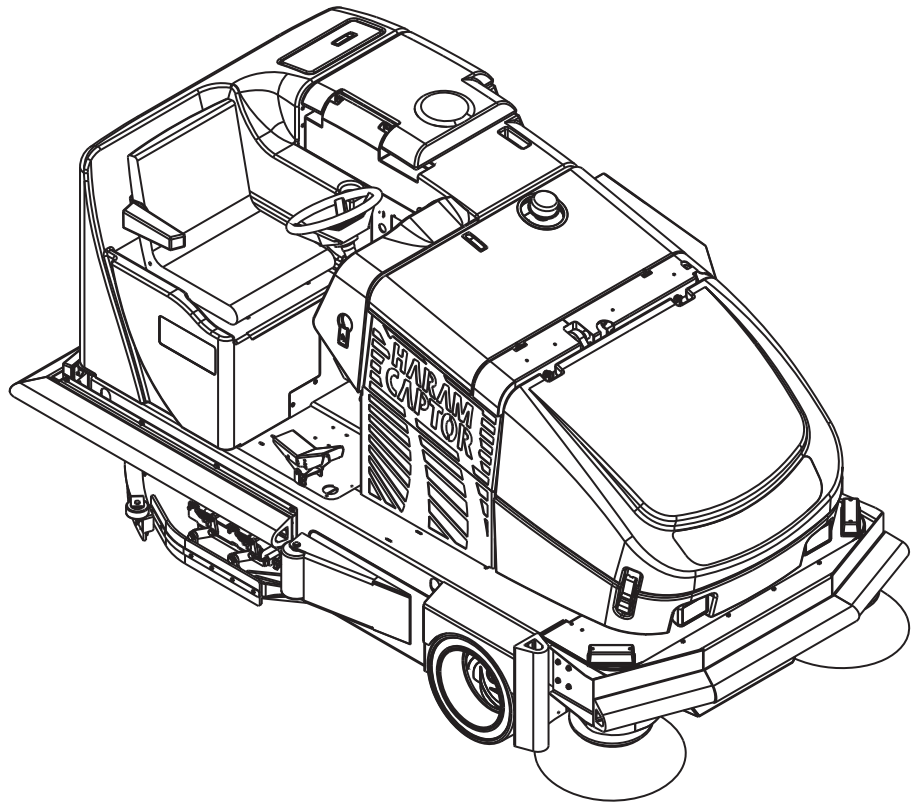
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Haram Captor™ CR 1400



PARTS LIST

Nilfisk MODEL 56307000(OBS), 56307001(2007 certified engine)



Nilfisk
setting standards

8/04 revised 7/08 FORM NO. 56042459

OPTIONAL KITS AND ACCESSORIES

08-5

Item	Ref. No.	Qty	Description
Optional Kits (See Parts List 56042449 for an individual parts break down of each kit)			
**	56305509	1	Temperature Switch Kit
**	56305517	1	Hopper Filter Switch Kit
**	56305896	1	Solution Fill Shutoff Kit
**	56305621	1	Fire Extinguisher Kit
**	56305628	1	Underhood Light Kit
**	56305530	1	Vacuum Wand Kit
**	56305641	1	Curb Light Kit
**	56305643	1	Rearview Camera Kit
**	56305794	1	Pre-Filter Grid Kit
**	56303572	1	Solution Cleanout Kit
**	56419369	1	Seat Belt Kit
**	56305647	1	Controller Interface Kit
54" Squeegee Blade Kits NOTE 1			
**	56305696	1	Blade Kit, Squeegee Linatex 54
**	56305694	1	Blade Kit, Squeegee Neoprene 54
**	56307186	1	Blade Kit, Squeegee Polyurethane 54
Side Blade Kits			
**	56305697	1	Side Blade Kit
**	56305685	1	Neoprene Side Blade Kit

** = Optional (not included)

NOTE 1: All squeegee blade kits include both front and rear squeegee blades.

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WHEN ORDERING PARTS

- * Use the 8 digit numbers from the "Ref. No." columns in this parts list.
- * Specify the model and serial number of the machine.
- * Use the space below to record the model and serial number for future reference.

Model _____ Serial No. _____

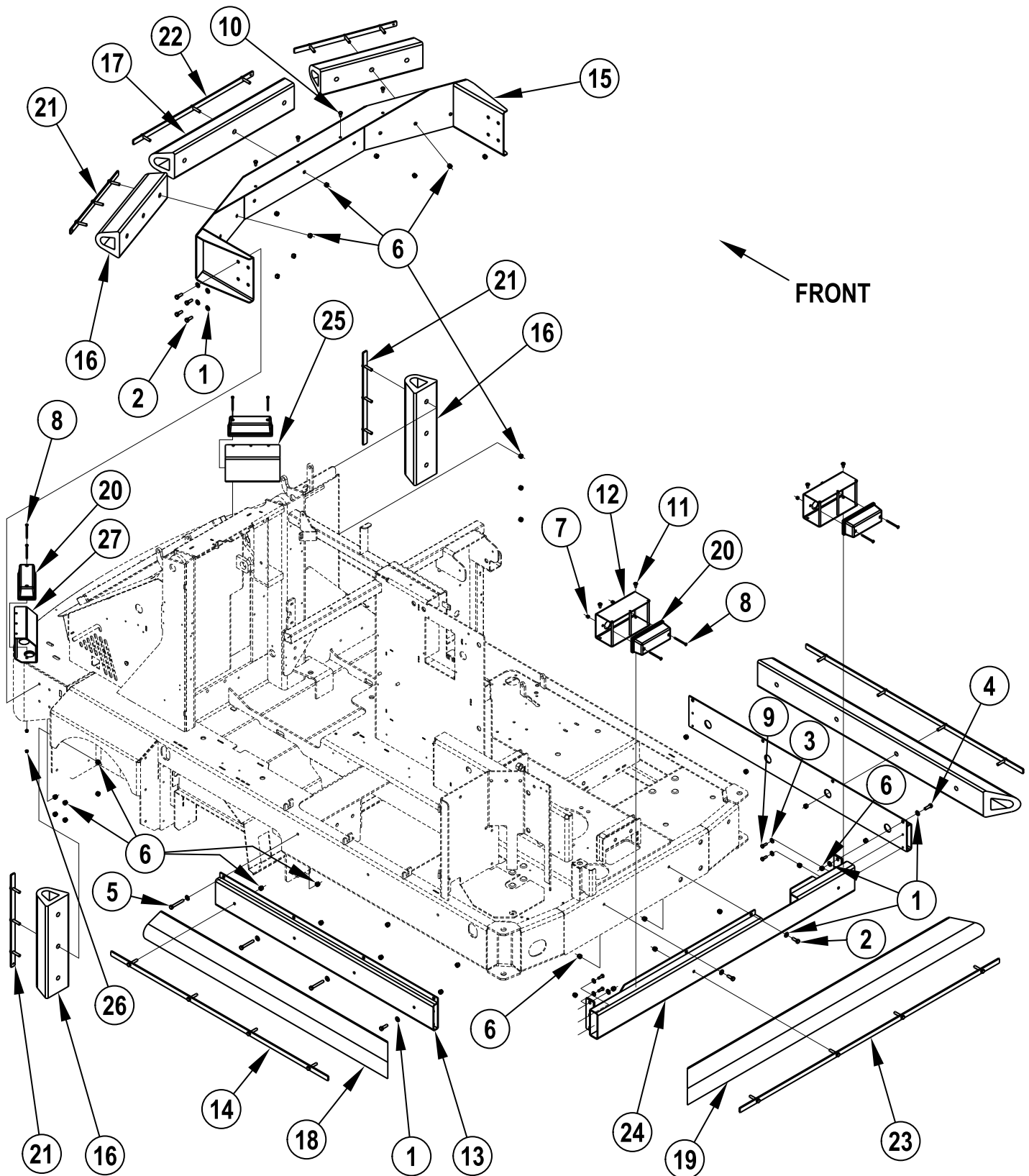
BUMPER KIT

04-8

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Haram Captor™ CR 1400

05-8



04-8	BUMPER KIT			
06-7	Haram Captor™ CR 1400			3

Item	Ref. No.	Qty	Description
	56307065	1	Bumper Kit
1	56001939	20	Wsh, Flt SAE 5/16
2	56002037	10	Scr, Hex Hd 5/16-18 x .88
3	56002098	4	Wsh, Flt SAE 1/4
4	56002221	2	Scr, Hex Hd 5/16-18 x 1.00
5	56002420	6	Scr, Hex Hd 5/16-18 x 2.25
6	56002701	45	Nut, Hex Nyl Loc 5/16-18
7	56002808	4	Nut, Hex Nyl Loc 8-32
8	56003576	8	Scr, Pan Phil 8-32 x 2.00
9	56009018	4	Scr, Hex Thd Form 1/4-20 x .75
10	56009033	4	Scr, Hex Thd Form 1/4-20 x .50
11	56009062	4	Scr, Pan Phil Thd Form 1/4-20 x .50
12	56307210	2	Rear Light Guard Weld't
13	56307068	2	Side Bumper Weldment
14	56307070	2	Strap (43.5 In)
15	56307102	1	Front Bumper Weldment
16	56307105	4	Bumper , Wheel
17	56307106	1	Bumper, Front
18	56307107	2	Bumper, Side
19	56307108	1	Bumper, Rear
20	56307134	4	Strobe
21	56307136	4	Strap (16 In)
22	56307137	1	Strap (24 In)
23	56307141	1	Strap (52.00)
24	56307142	1	Rear Bumper Weldment
25	56307211	1	Front Light Guard Weld't
26	56002865	4	Nut, Hex Nyl Loc-Thin 8-32
27	56307217	1	Left Light Guard Weld't
*	56307164	4	Wire Assembly
*	56409695	6	Splice, Parallel
*	56419355	6	Shrink Tube, .25 x .75
*	56454746	2	Terminal Ring 1/4
*	56172017	10	Clamp, P
*	56009062	10	Scr, Pan Phil Thd Form 1/4-20 x .50

* = Not Shown

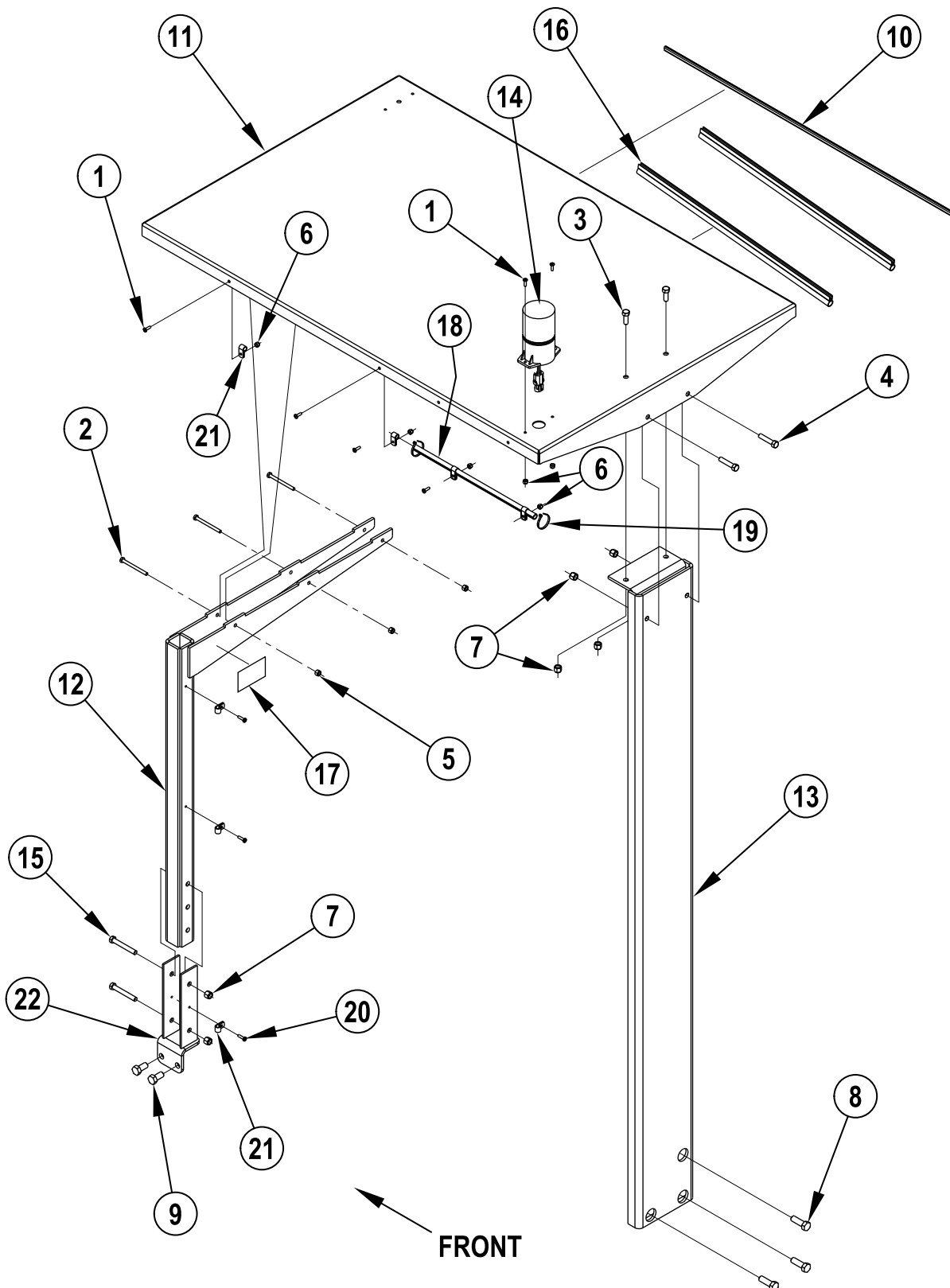
CANOPY KIT

04-8

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Haram Captor™ CR 1400

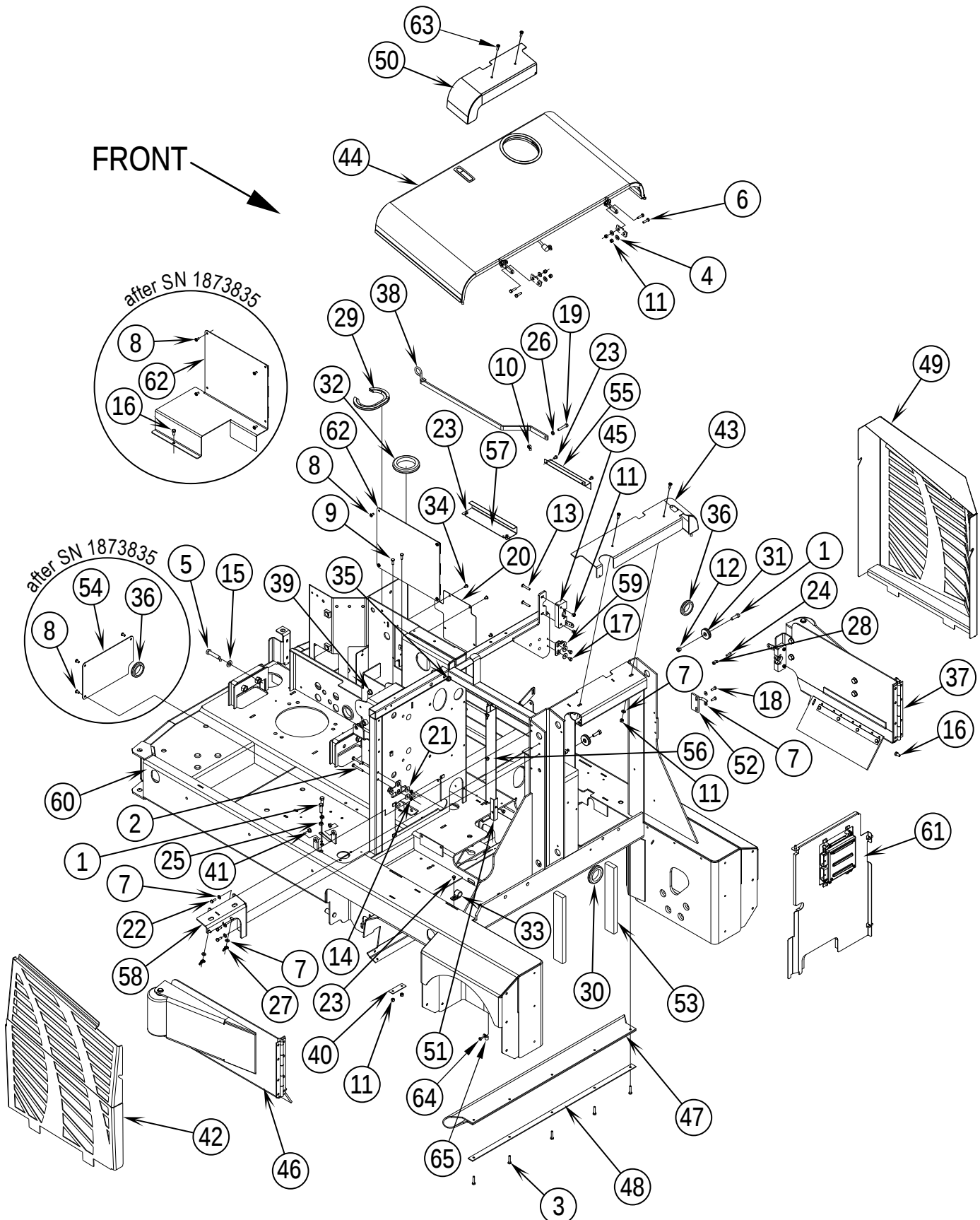
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04-8	CANOPY KIT			
05-8	Haram Captor™ CR 1400			5

Item	Ref. No.	Qty	Description
	56307150	1	Canopy Kit
1	56002124	6	Scr, Pan Phil 10-24 x .62
2	56002603	3	Scr, Hex Hd 1/4-20 x 3.00
3	56002663	2	Scr, Hex Hd 3/8-16 x 1.00
4	56002684	2	Scr, Hex Hd 3/8-16 x 1.75
5	56002708	3	Nut, Hex Nyl Loc 1/4-20
6	56002768	6	Nut, Hex Nyl Loc 10-24
7	56002769	6	Nut, Hex Nyl Loc 3/8-16
8	56002954	3	Scr, Hex Hd Loc 1/2-13 x 1.50
9	56003083	2	Scr, Hex Hd Loc 1/2-13 x 1.00
10	56305705	1	Trim
11	56307151	1	Canopy Top Weldment
12	56307156	1	Front Post Weldment
13	56307159	1	Rear Post Weldment
14	56307166	1	Beacon, Warning
15	56001892	2	Scr, Hex 3/8-16 x 2.75
16	56307169	2	Gasket
17	56307170	1	Decal, Warning
18	56307171	1	Conduit
19	56478246	2	Tie, Cable
20	56009043	3	Scr, Pan Phil Thd Form 10-24 x .75
21	56172017	7	Clamp, P
22	56307199	1	Mount Weldment
*	56307165	1	Harness, Beacon
*	56040837	1	Instruction Sheet

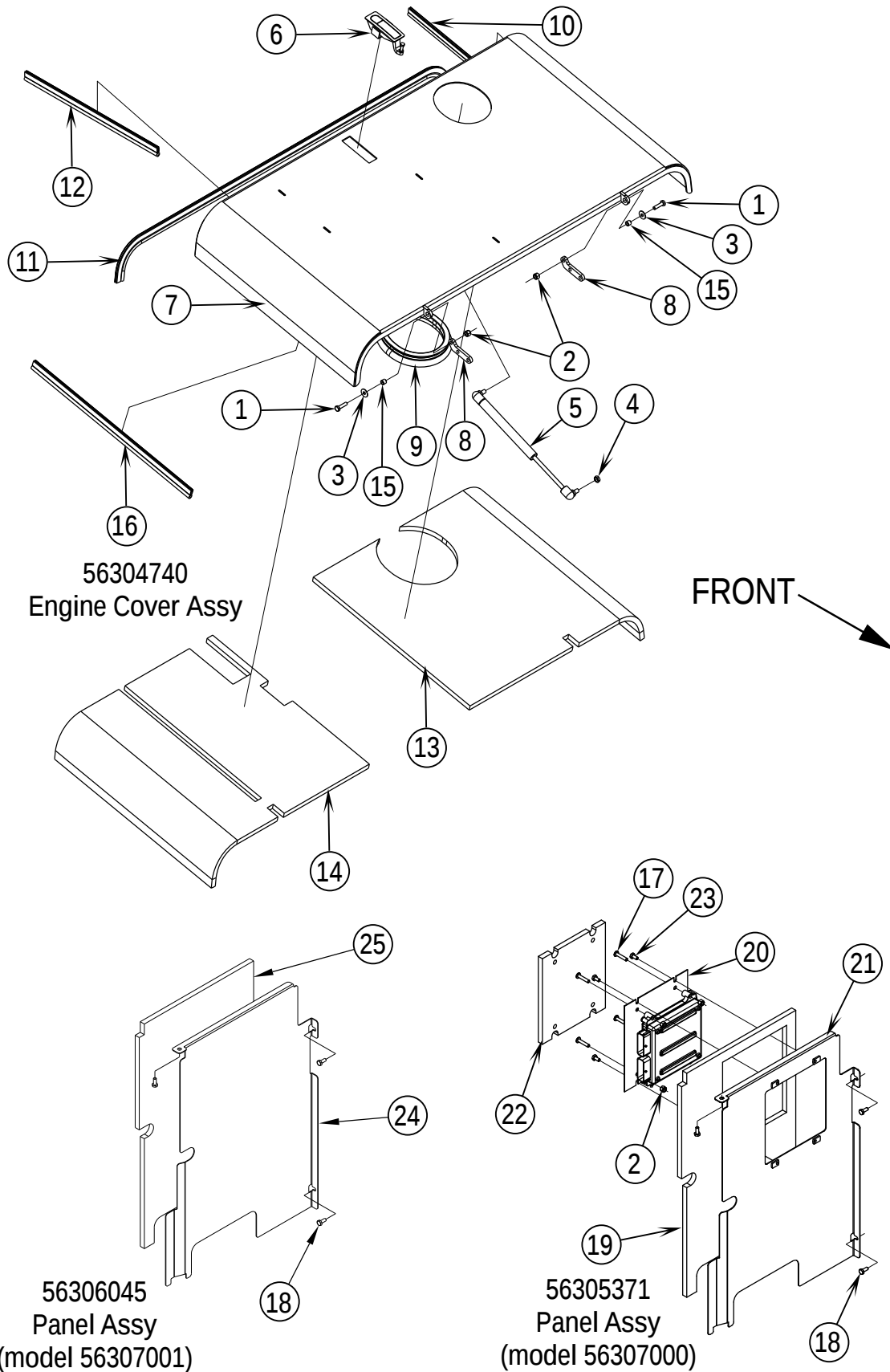
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04-8	CHASSIS SYSTEM			
07-11	Haram Captor™ CR 1400			7

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56001858	4	Scr, Hex Hd 3/8-16 x 1.25	33	56496276	1	Clamp, Hose Support
2	56001874	2	Scr, Hex Hd 1/4-20 x 2.00	34	56003603	4	Scr, Pan Phil Thd Form 1/4-20 x .38
3	56001878	5	Scr, Hex Hd 1/4-20 x 1.25	35	56052339	1	Grommet
4	56001906	4	Wsh, Flt Std 1/4	36	56056215	3	Grommet (qty 2 before SN 1873835)
5	56001920	2	Scr, Hex Hd 1/2-13 x 2.25	37	56305735	1	Left Broom Door Assy
6	56002093	4	Scr, Hex Hd 1/4-20 x 1.00	38	56304473	1	Prop Rod Linkage Weldment
7	56002098	9	Wsh, Flt SAE 1/4	39	56304519	3	Bearing, Fl .625 x .500 x .375
8	56002145	9	Scr, Pan Phil 1/4-20 x .50 (qty 10 before SN 1873835)	40	56304543	1	Catch, Brake Lock
9	56002155	2	Scr, Hex Hd 1/4-20 x .75	41	56304554	2	Bearing, Fl .500 x .375 x .313
10	56002701	1	Nut, Hex Nyl Loc 5/16-18	42	56307148	1	Panel, Right
11	56002708	10	Nut, Hex Nyl Loc 1/4-20	43	56304692	1	Top Cosmetic Cover
12	56002769	2	Nut, Hex Nyl Loc 3/8-16	44	56304740	1	Cover Engine Asm
13	56002786	2	Scr, Pan Phil 1/4-20 x 1.50	45	56304827	1	Latch, Rh
14	56002840	2	Nut, Hex Nyl Loc-Thin 1/4-20	46	56305734	1	Right Broom Door Assy
15	56002918	2	Wsh, Flt SAE SS 1/2	47	56304926	1	Blade, Dump Door Shield
16	56002929	7	Scr, Hex Hd Loc 5/16-18 x .62 (qty 6 before SN 1873835)	48	56304927	1	Strap, Dump Door Shield
17	56002933	2	Scr, Hex Hd Loc 1/4-20 x .38	49	56307008	1	Side Door Weldment
18	56002948	2	Scr, Hex Hd Loc 1/4-20 x .75	50	56304968	1	Top Cover
19	56003005	1	Scr, Hex Hd 5/16-18 x 1.75	51	56305928	1	Angle
20	56307168	1	Panel, Broom Lift Adjust	52	56305095	1	Latch Weldment
21	56009002	4	Wsh, Flt .266 x .906 x .060	53	56305197	2	Gasket
22	56009018	3	Scr, Hex Thd Form 1/4-20 x .75	54	56305225	1	Cover, Access (before SN 1873835)
23	56009019	8	Scr, Hex Thd Form 1/4-20 x .38		56306002	1	Cover, Access (after SN 1873835)
24	56009038	2	Scr, Hex Thd Form 10-24 x .88	55	56305264	1	Hose Guide
25	56009085	2	Nut, Hex Jam 3/8-16	56	56305265	1	Hose Guide
26	56009086	1	Nut, Hex Jam 5/16-18	57	56305266	1	Hose Guide
27	56009111	2	Nut, Wing Ss 1/4-20	58	56305281	1	Cover Mount Weldt
28	56200239	2	Bushing .20 x .37 x .62	59	56305331	2	Weldment, Panel Lock
29	56305679	1	Gasket	60	56307092	1	Chassis, Modified
30	56051172	1	Grommet	61	56305371	1	Panel Assy (model 56307000)
31	56416546	2	Shielded Pulley		56306045	1	Panel Assy (model 56307001)
32	56305970	1	Grommet	62	56305394	1	Panel Assy (before SN 1873835)
					56306001	1	Panel Assy (after SN 1873835)
				63	56003087	4	Scr, Pan Phil SS 1/4-20 x .88
				64	56009062	1	Scr, Pan Phil Thd Form 1/4-20 x .50
				65	56323260	1	Clamp, P

* = Not Shown



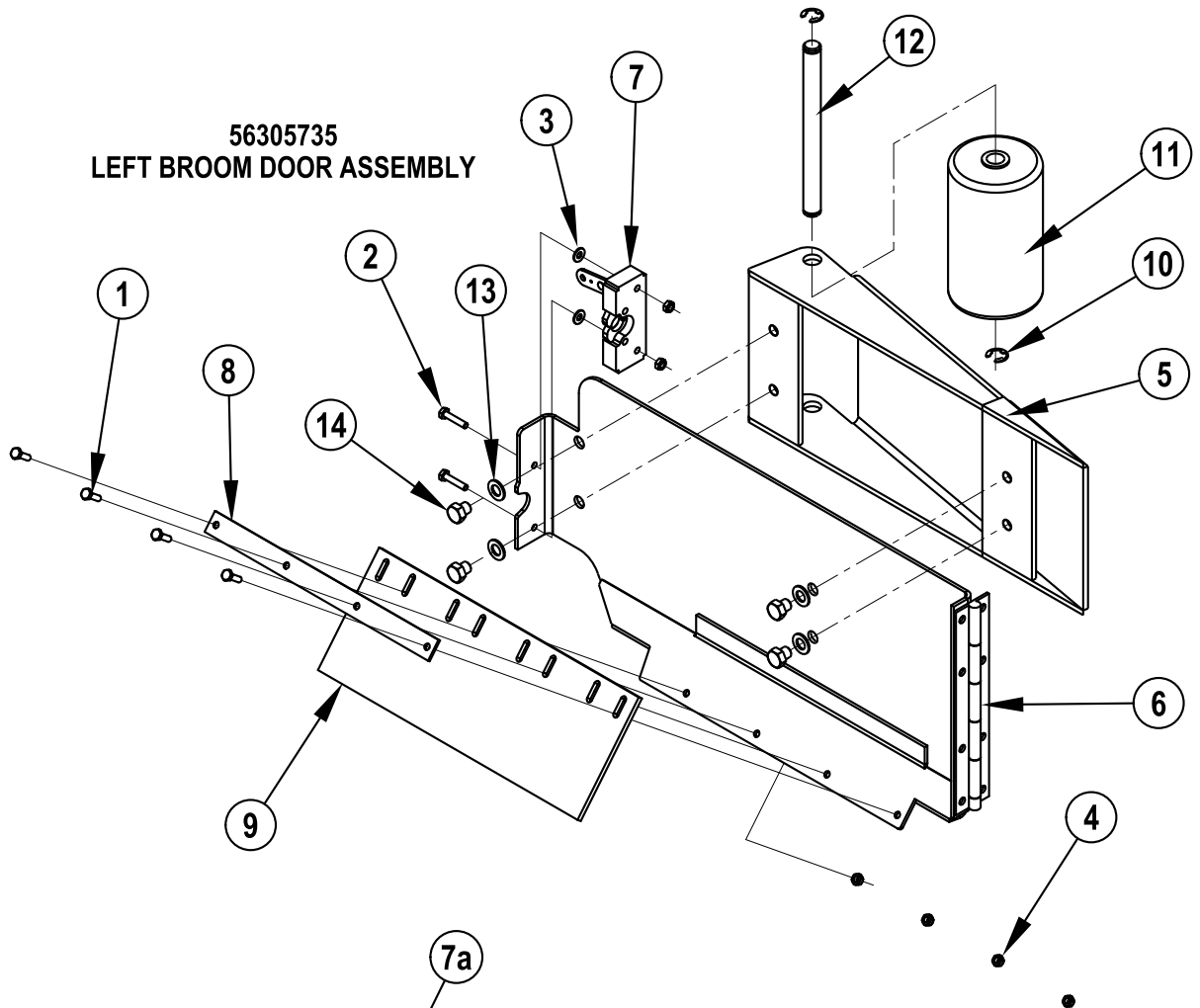
04-8	CHASSIS SYSTEM SUB-ASSEMBLIES-1			
07-11	Haram Captor™ CR 1400			9

Item	Ref. No.	Qty	Description
	56304740	1	Cover, Engine Assy (1-16)
	56305371	1	Panel Assy (2 & 17-23) NOTE 1
	56306045	1	Panel Assy (18 & 24-25) NOTE 2
1	56002093	2	Scr, Hex Hd 1/4-20 x 1.00
2	56002708	6	Nut, Hex Nyl Loc 1/4-20 NOTE 1
3	56002098	2	Wsh, Flt SAE 1/4
4	56009086	2	Nut, Hex Jam 5/16-18
5	56385238	1	Gas Cylinder
6	56418471	1	Door Latch
7	56304686	1	Cover Engine Weldment
8	56304690	2	Hinge Front, Engine Cover
9	56305277	1	Gasket
10	56305502	1	Trim-Seal, Raw
11	56305269	1	Trim-Seal, Raw
12	56305278	1	Trim-Seal, Raw
13	56305414	1	Foam Insulation
14	56305415	1	Foam Insulation
15	56330027	2	Bushing
16	56305268	1	Trim-Seal, Raw
17	56002825	4	Scr, Pan Phil 1/4-20 x 1.25 NOTE 1
18	56002922	3	Scr, Hex Hd Loc 1/4-20 x .62 NOTE 1
19	56305035	1	Foam Insulation NOTE 1
20	56305380	1	ECU Panel NOTE 1
21	56305381	1	Panel Weldment NOTE 1
22	56305382	1	Foam NOTE 1
23	56001854	4	Scr, Hex Hd 1/4-20 x .50 NOTE 1
24	56306048	1	Front Panel NOTE 2
25	56306049	1	Foam Insulation NOTE 2

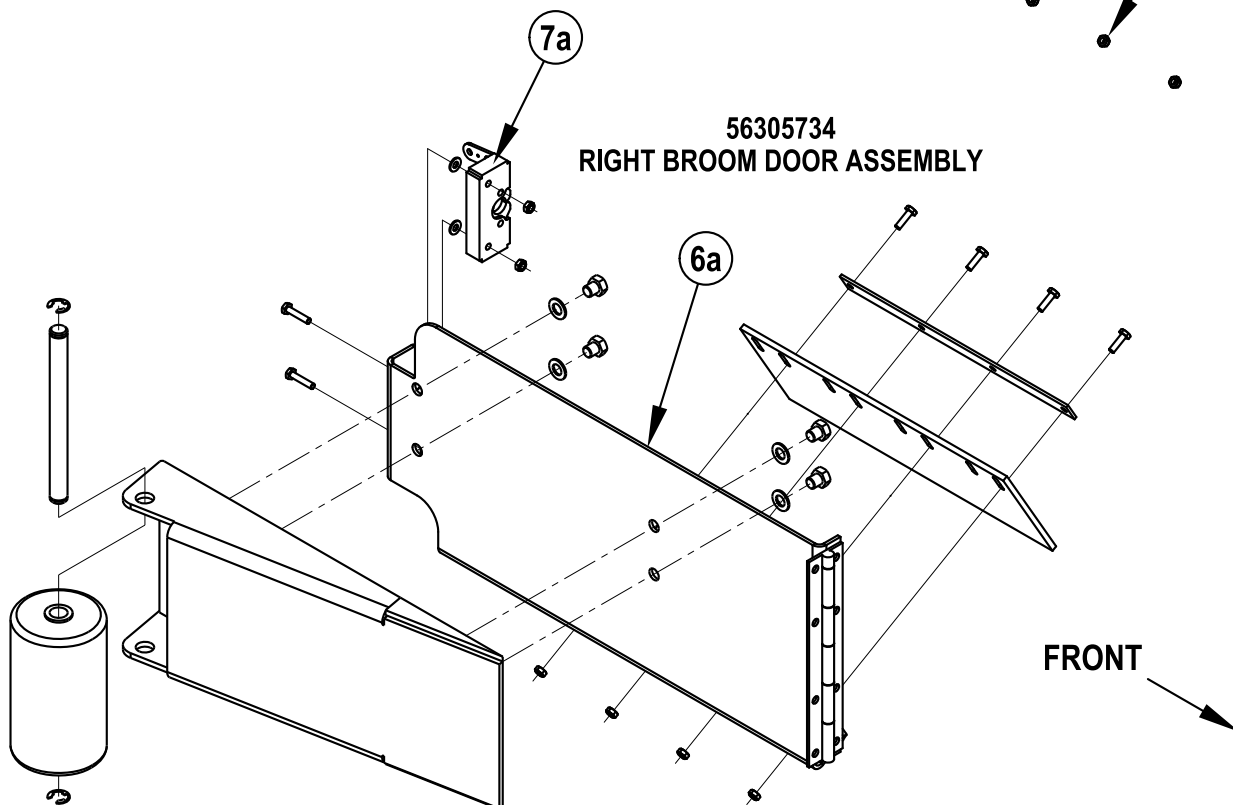
NOTE 1: Only used on model 56307000

NOTE 2: Only used on model 56307001

56305735
LEFT BROOM DOOR ASSEMBLY



56305734
RIGHT BROOM DOOR ASSEMBLY

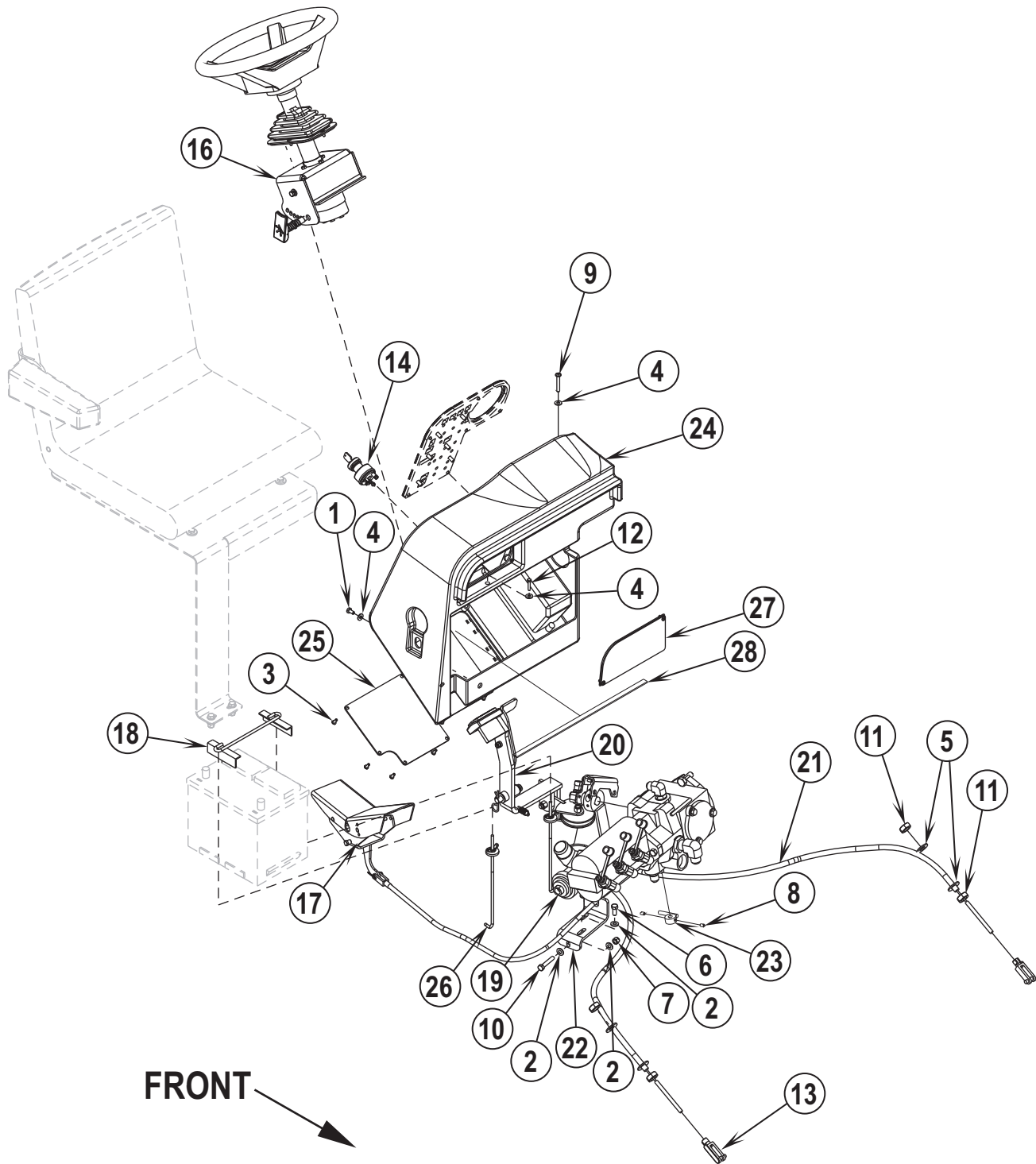


04-8	CHASSIS SYSTEM SUB-ASSEMBLIES-2			
	Haram Captor™ CR 1400			11

Item	Ref. No.	Qty	Description
	56305735	1	Left Broom Door Assy (1-14)
	56305734	1	Right Broom Door Assy (1-14)
1	56001821	8	Scr, Hex Hd 1/4-20 x .88
2	56001878	4	Scr, Hex Hd 1/4-20 x 1.25
3	56002098	4	Wsh, Flt SAE 1/4
4	56002840	12	Nut, Hex Nyl Loc-Thin 1/4-20
5	56305938	2	Roller Weldment
6	56303150	1	Left Broom Door Weldment
6a	56304877	1	Right Broom Door Weldment
7	56304826	1	Latch, LH
7a	56304827	1	Latch, RH
8	56304881	2	Strap, Broom Door
9	56304882	2	Skirt, Broom Door
10	56003266	4	Ring, Ret Ext Type E 0.75 Dia.
11	56409335	2	Bumper
12	56409336	2	Pin
13	56009003	8	Wsh, Flt .516 X .938 X .075
14	56305733	8	Scr, Hex Hd 1/2-20unf X .50

* = Not Shown

NOTE #1: Quantities are for both broom door assemblies.

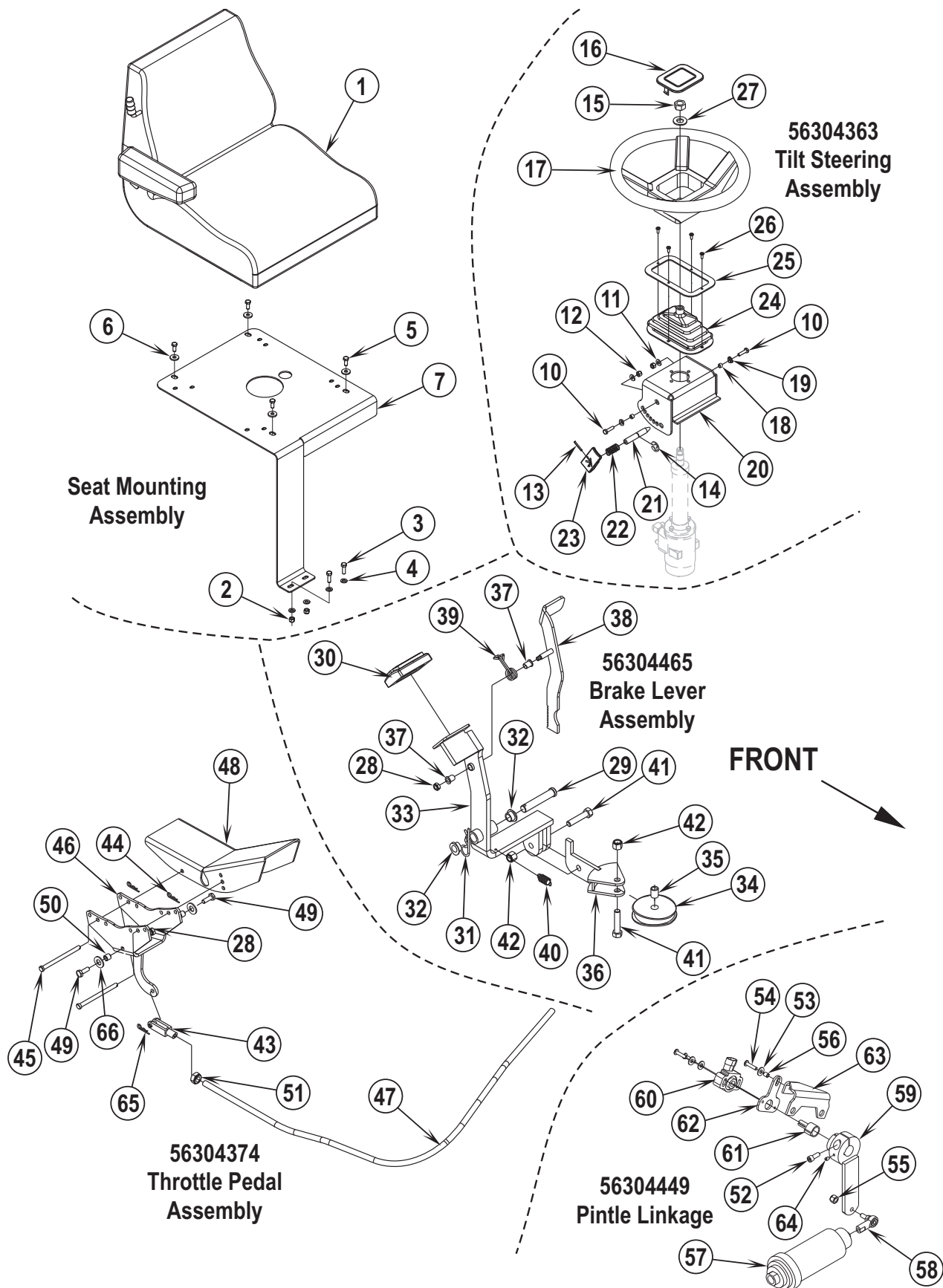


04-8	CONTROL SYSTEM			
07-11	Haram Captor™ CR 1400			13

Item	Ref. No.	Qty	Description
1	56001854	1	Scr, Hex Hd 1/4-20 x .50
2	56001939	4	Wsh, Flt SAE 5/16
3	56001993	5	Scr, Pan Phil 10-24 x .50
4	56002098	3	Wsh, Flt SAE 1/4
5	56002319	4	Wsh, Flt SAE 9/16
6	56002667	2	Scr, Hex Hd 5/16-18 x .75
7	56009086	1	Nut, Hex Nyl Loc 5/16-18
8	56002930	2	Scr, Soc Set Loc 1/4-20 x .38
9	56002997	1	Scr, Pan Phil 1/4-20 x 1.75
10	56002013	1	Scr, Hex Hd 5/16-18 x 1.75
11	56009099	4	Nut, Hex Jam 5/8-18
12	56009176	1	Scr, Hex Thd Form 10-24 x 1.00
13	56416089	2	Clevis Assy
14	56418685	1	Switch, Starter
*	56419123	1	Replacement Key
15			Intentionally Omitted
16	56304363	1	Tilt Steering Assy
17	56304374	1	Throttle Pedal Assy
18	56304445	1	Starter Battery Hold Down NOTE 1
19	56304449	1	Linkage, Pintle
20	56304465	1	Brake Lever Assy
21	56304599	1	Cable, Pull Brake
22	56304632	1	Adjuster Bracket
23	56305473	1	Weldment, Tow Lever
24	56305776	1	Assembly, Console
25	56305092	1	Cover, Console
26	56305112	2	10" J Type Hold Down NOTE 1
27	56305282	1	Cover, Access Assy
*	56305246	1	Cover, Access
*	56305233	1	Gasket, RS Strip
*	56001993	2	Scr, Pan Phil 10-24 x .50
28	56416650	1	Gasket

* = Not Shown

NOTE 1: Only used on model 56307000



04-8	CONTROL SYSTEM SUB-ASSEMBLIES				
08-7	Haram Captor™ CR 1400				15

Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56304363	1	Tilt Steering Assy (10-27)	28	56002840	3	Nut, Hex Nyl Loc-Thin 1/4-20
	56304465	1	Brake Lever Assy (28-42)	29	56003207	1	Clevis Pin .50 x 2.75
	56304374	1	Throttle Pedal Assy (28, 43-51 & 65-66)	30	56365002	1	Pad, Rubber
	56304449	1	Pintle Linkage (52-64)	31#	56003222	1	Pin, Cotter Hair .120 x .5
1	56305611	1	Grammer Seat Kit	32	56304519	2	Bearing, Fl .625 x .500 x .375
2	56002856	2	Nut, Hex Nyl Loc SS 5/16-18 x 1.00	33	56305472	1	Weldment, Brake Lever
3	56002913	2	Scr, Hex Hd SS 5/16-18 x 1.00	34	56304557	1	Pulley, 3.00 Dia
4	56002938	4	Wsh, FLT SAE SS 5/16	35	56304558	1	Bearing, .500 x .375 x .625
5	56002956	4	Scr, Hex Hd Loc 5/16-18 x .75	36	56304562	1	Pulley Weldment
6	56009122	4	Wsh, Flt .344 x .938 x .125	37	56304554	2	Bearing, Fl .500 x .375 x .313
7	56305115	1	Plate, Seat Mount	38	56304902	1	Weldment, Brake Lock
8			Intentionally Omitted	39	56304972	1	Spring, Torsion .095
9			Intentionally Omitted	40	56305072	1	Spring, Extension .075
10	56002093	2	Scr, Hex Hd 1/4-20 x 1.00	41	56002684	2	Scr, Hex Hd 3/8-16 x 1.75
11	56002098	2	Wsh, Flt SAE 1/4	42	56002769	2	Nut, Hex Nyl Loc 3/8-16
12	56002708	2	Nut, Hex Nyl Loc 1/4-20	43	56482542	1	Clevis Assy
13	56002763	1	Pin, Spr .12 x 1.12	44	56003530	2	Cotter, Hair Pin
14	56003264	1	Ring, Ret Ext Type E 0.50 Dia	45	56003669	2	Clevis, Pin .25 x 3.50
15	56003440	1	Nut, Steering Wheel	46	56304375	1	Pedal Weldment
16	56418459	1	Cap, Steering Wheel	47	56304552	1	Cable, Push-Pull Control
17	56418460	1	Steering Wheel	48	56304777	1	Pedal
18	56453849	2	Bushing .26 x .37 x .28	49	56001821	2	Scr, Hex Hd 1/4-20 x .88
19	56304518	2	Bearing, Fl .500 x .375 x .188	50	56151106	2	Bushing
20	56304528	1	Steering Mount	51	56009142	2	Nut, Hex Machine 1/4-28
21	56304530	1	Pin, Lock	65	56003332	1	Cotter, Hair Pin
22	56304531	1	Spring, Compression	66	56002098	2	Wsh, Flt SAE 1/4
23	56304774	1	Steering Adjustment Lever	52	56002032	1	Scr, Soc Hd 1/4-20 x 0.62
24	56304812	1	Boot, Steering	53	56002053	3	Wsh, Flt Std #10
25	56304813	1	Steering Boot Retainer	54	56002996	3	Scr, Pan Phil(UNF) 10-32 x .88
26	56002831	4	Scr, Pan Phil BLK 10-24 x .50	55	56003626	1	Nut, Hex Nyl Loc-Thin 1/4-28
27	56002022	1	Wsh, Flt SAE 5/8	56	56369004	1	Bushing
				57	56455799	1	Hydroback
				58	56463720	1	Rod End
				59	56304355	1	Lever Weldment
				60	56305129	1	Rotary Sensor
				61	56305184	1	Adapter, Shaft
				62	56305185	1	Plate, Mount
				63	56305186	1	Bracket
				64	56002015	1	Scr, Soc Set Loc 10-24 x .25

= Revised or new since last update

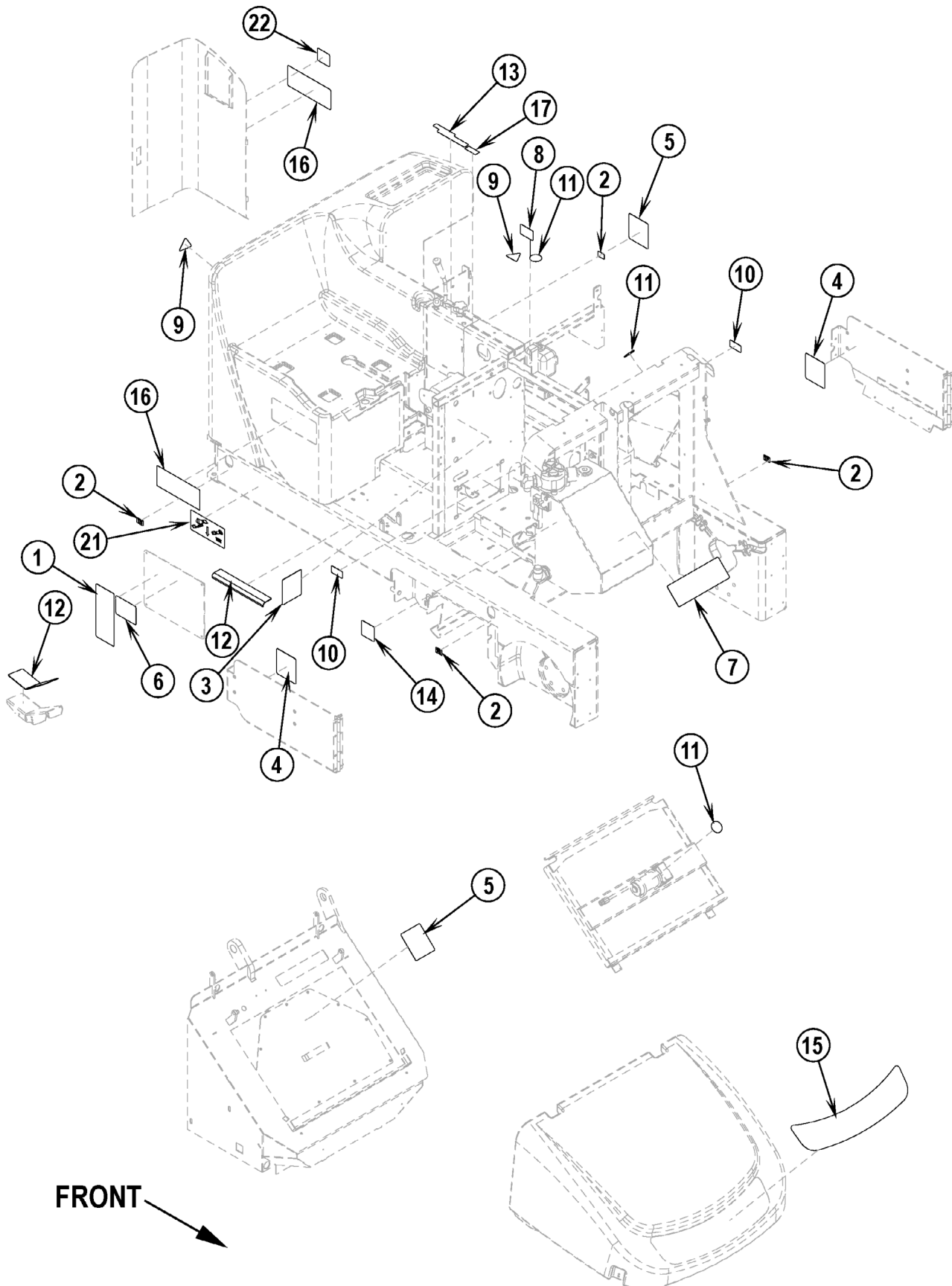
DECAL SYSTEM

04-8

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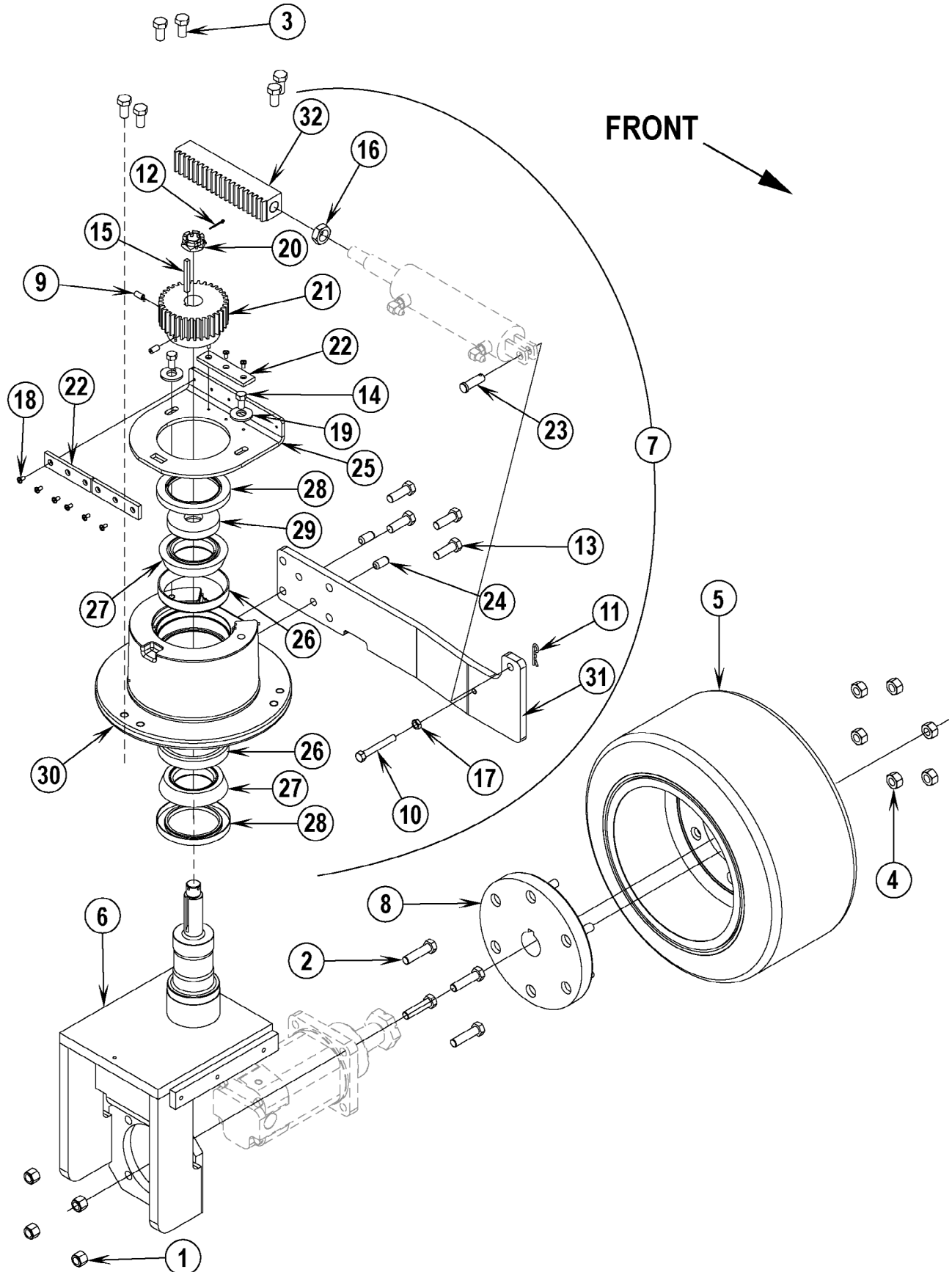
Haram Captor™ CR 1400

07-11



04-8	DECAL SYSTEM			
07-11	Haram Captor™ CR 1400			17

Item	Ref. No.	Qty	Description
1	56014601	1	Decal, Caution
2	56015370	4	Decal, Tie Down
3	56015424	1	Warning, Hydraulic
4	56015425	2	Decal, Warning Broom
5	56015426	2	Decal, Warning Fan
6	56015427	1	Decal, Warning Tip Over
7	56015428	1	Decal, Warning Hopper
8	56015463	1	Decal, Coolant Level
9	56016363	2	Decal, Warning Hot
10	56025496	2	Decal, Caution
11	56030080	3	Decal, Hands Clear
12	56305606	2	Mat, Pedal
13	56015185	1	Decal, Main Broom/Solution
14	56015189	1	Decal, Oil Fill
15	56015191	1	Decal, Nilfisk
16	56015202	2	Decal, CR 1400
17	56015206	1	Decal, Hopper Safety Support
18			Deleted Intentionally
19			Deleted Intentionally
20			Deleted Intentionally
21	56015221	1	Decal, Solution Drain
22	56016226	1	Decal. Unleaded Fuel



04-8	DRIVE WHEEL SYSTEM		
08-7	Haram Captor™ CR 1400		19

Item	Ref. No.	Qty	Description
1	56002770	4	Nut, Hex Nyl Loc 1/2-13
2	56002983	4	Scr, Hex Hd 1/2-13 x 2.00
3	56003083	6	Scr, Hex Hd Loc 1/2-13 x 1.00
4	56009116	6	Nut, Lug 1/2-20
5	56307223	1	Rear Wheel Assy
*	56307222	1	Tire, 8" Nytrol 2X Sipe
*	56304027	1	Hub, Rear
6	56307044	1	Weldment, Spindle
7	56304576	1	Steering Assy Rack & Pinion (9-32)
8	56305037	1	Assy, Hub
9	56002186	2	Scr, Soc Set Loc 5/16-18 x .62
10	56003006	1	Scr, Hex Thd to Hd 3/8-16 x 2.75
11	56003222	1	Pin, Cotter Hair
12	56002574	1	Pin, Cotter 5/32 x 3.00
13	56003083	4	Scr, Hex Hd Loc 1/2-13 x 1.00
14	56003485	2	Scr, Hex Hd 1/2-20 x 1.00
15#	56340863	1	Key, Sq .25 x 2.31
16	56009083	1	Nut, Hex Jam 3/4-16
17	56009085	1	Nut, Hex Jam 3/8-16
18	56009139	9	Scr, Pan Phil Loc 10-24 x .38
19	56009115	2	Wsh, Flt Harden .594 x 1.375 x .134
20	56110817	1	Nut, Castle 7/8-14
21	56418477	1	Gear, Spur
22	56418575	3	Plate, Wear
23	56486733	1	Pin
24	56002655	2	Pin, Dwl Std .50 x 1.00
25	56304582	1	Adjustment, Rack
26	56304747	2	Bearing, Cup 4.33" OD
27	56304748	2	Bearing, Cone 2.50" ID
28	56304749	2	Seal, Shaft 3.187
29	56304766	1	Spacer, Gear
30	56304782	1	Machining, Housing Steering
31	56305521	1	Bracket, Cylinder Mount
32	56305041	1	Rack

= Revised or new since last update

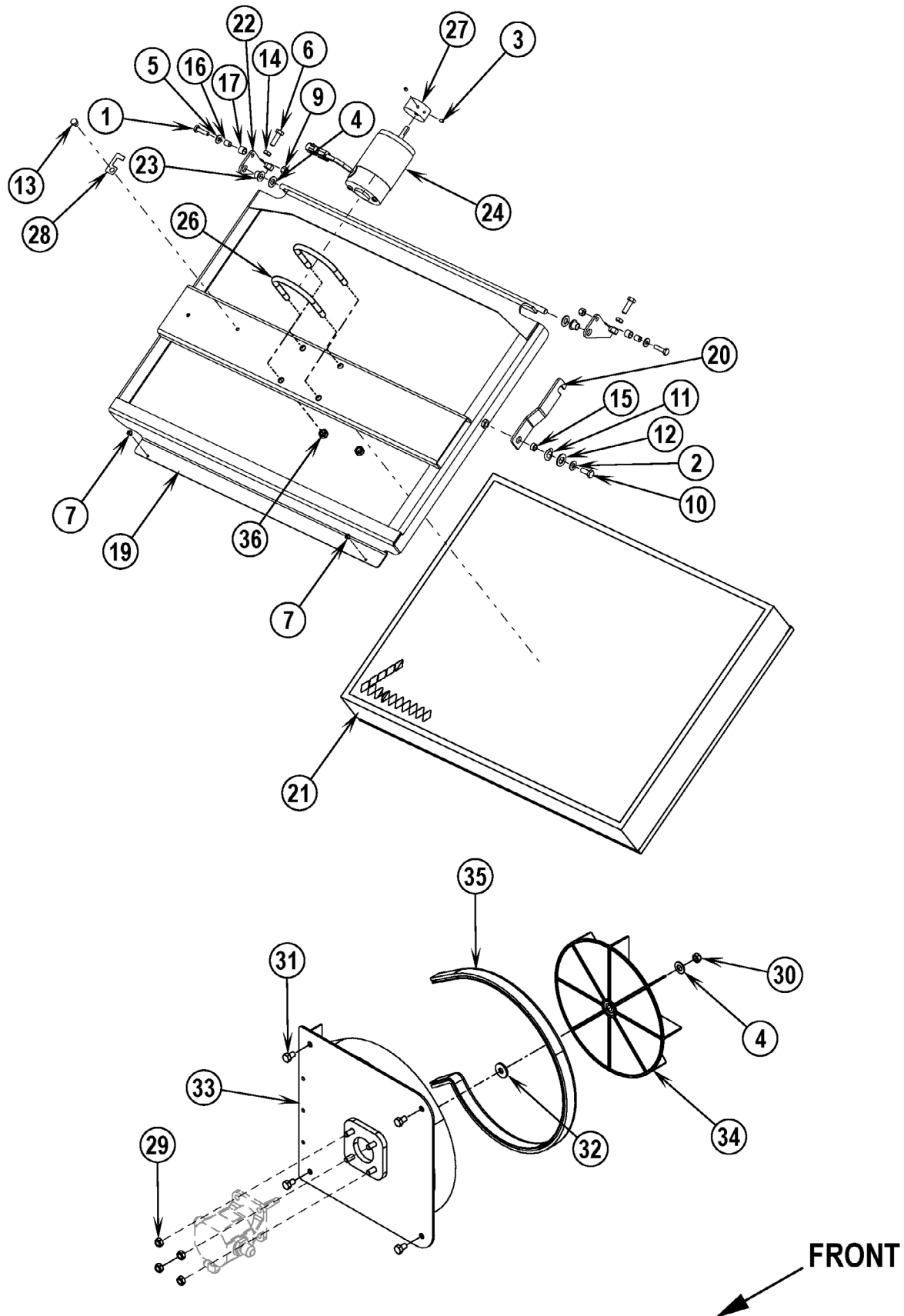
DUST CONTROL SYSTEM

04-8

20

Haram Captor™ CR 1400

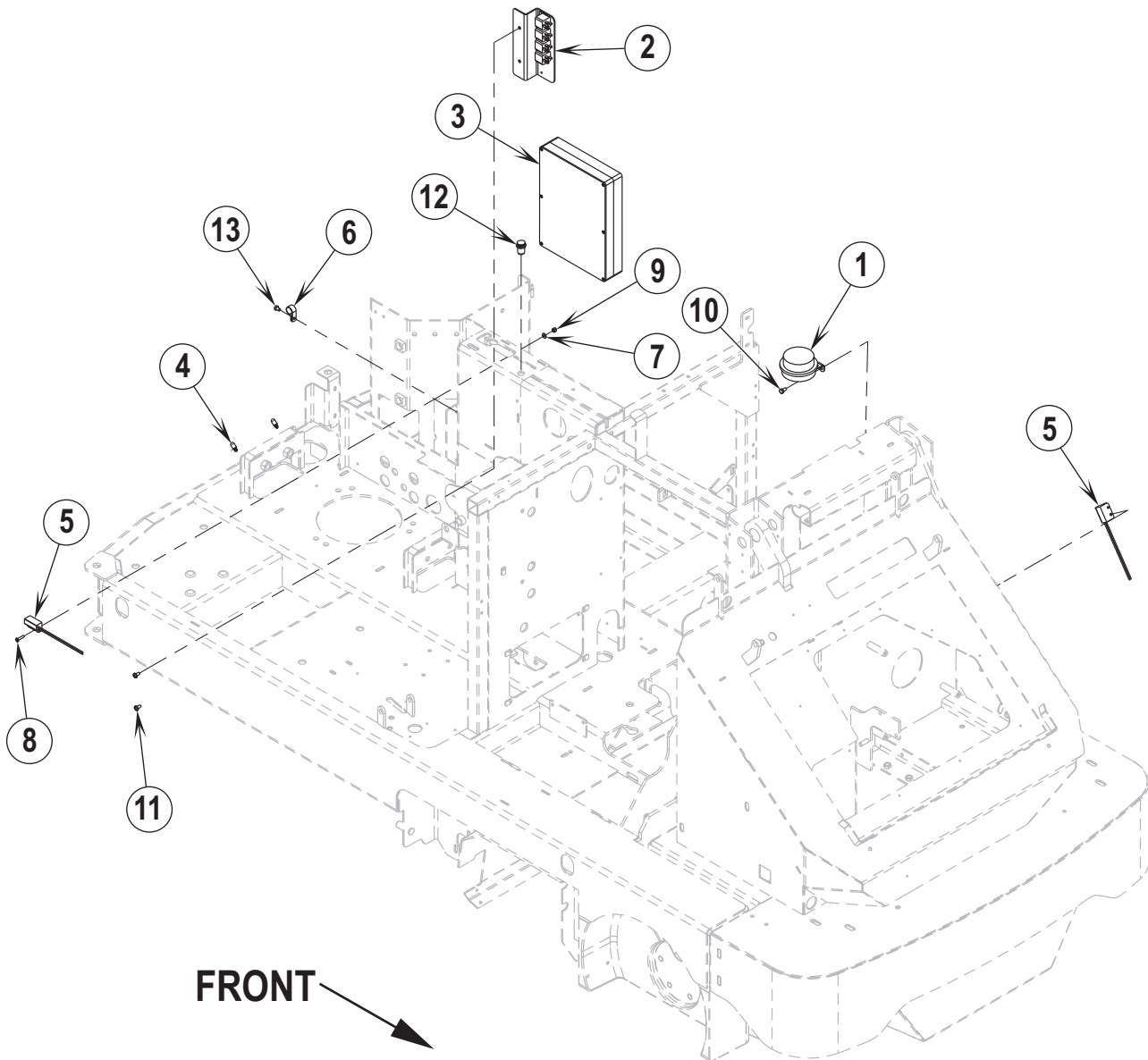
08-5



04-8	DUST CONTROL SYSTEM			
08-5	Haram Captor™ CR 1400			21

Item	Ref. No.	Qty	Description
1	56002093	2	Scr, Hex Hd 1/4-20 x 1.00
2	56001939	1	Wsh, Flt SAE 5/16
3	56002015	2	Scr, Soc Set Loc 10-24 x .25
4	56002063	3	Wsh, Flt SAE 3/8
5	56002098	2	Wsh, Flt SAE 1/4
6	56002221	2	Scr, Hex Hd 5/16-18 x 1.00
7	56002453	2	Scr, Pan Phil 10-24 x .25
8			Deleted Intentionally
9	56002708	2	Nut, Hex Nyl Loc 1/4-20
10	56002956	1	Scr, Hex Hd Loc 5/16-18 x .75
11	56009001	1	Wsh, Bowed .516 x .906 x .008
12	56009003	1	Wsh, Flt .516 x .938 x .075
13	56009019	1	Scr, Hex Thd Form 1/4-20 x .38
14	56009086	2	Nut, Hex Jam 5/16-18
15	56320595	1	Bushing .32 x .50 x .28
16	56321532	2	Bushing .25 x .37 x .40
17	56370754	2	Bearing, Sleeve
18			Deleted Intentionally
19	56416289	1	Filter Clamp Weldt
20	56416511	1	Latch, Shaker
21	56303580	1	Filter Assy, Water Resistant
22	56416625	2	Shaker Hinge Weldt
23	56416675	2	Bushing, Flange
24	56508664	1	Motor, 12VDC NOTE 1
25	56418488	1	Impeller Assy (4 & 29-35)
26	56508888	2	Clamp, Muffler NOTE 1
27	56491822	1	Eccentric
28	56409769	1	Clip, Weatherpack Mount
29	56002826	4	Nut, Hex Nyl Loc-Thin 5/16-18
30	56002866	1	Nut, Hex Nyl Loc-Thin 5/16-24
31	56002923	4	Scr, Hex Hd Loc 5/16-18 x .50
32	56009107	1	Wsh, Flt SS .378 x 1.000 x .120
33	56418784	1	Impellor Bracket Weldt
34	56418897	1	Impeller
35	56419370	1	Trim-Seal
36	56002841	4	Nut, Hex Nyl Loc-Thin 3/8-16

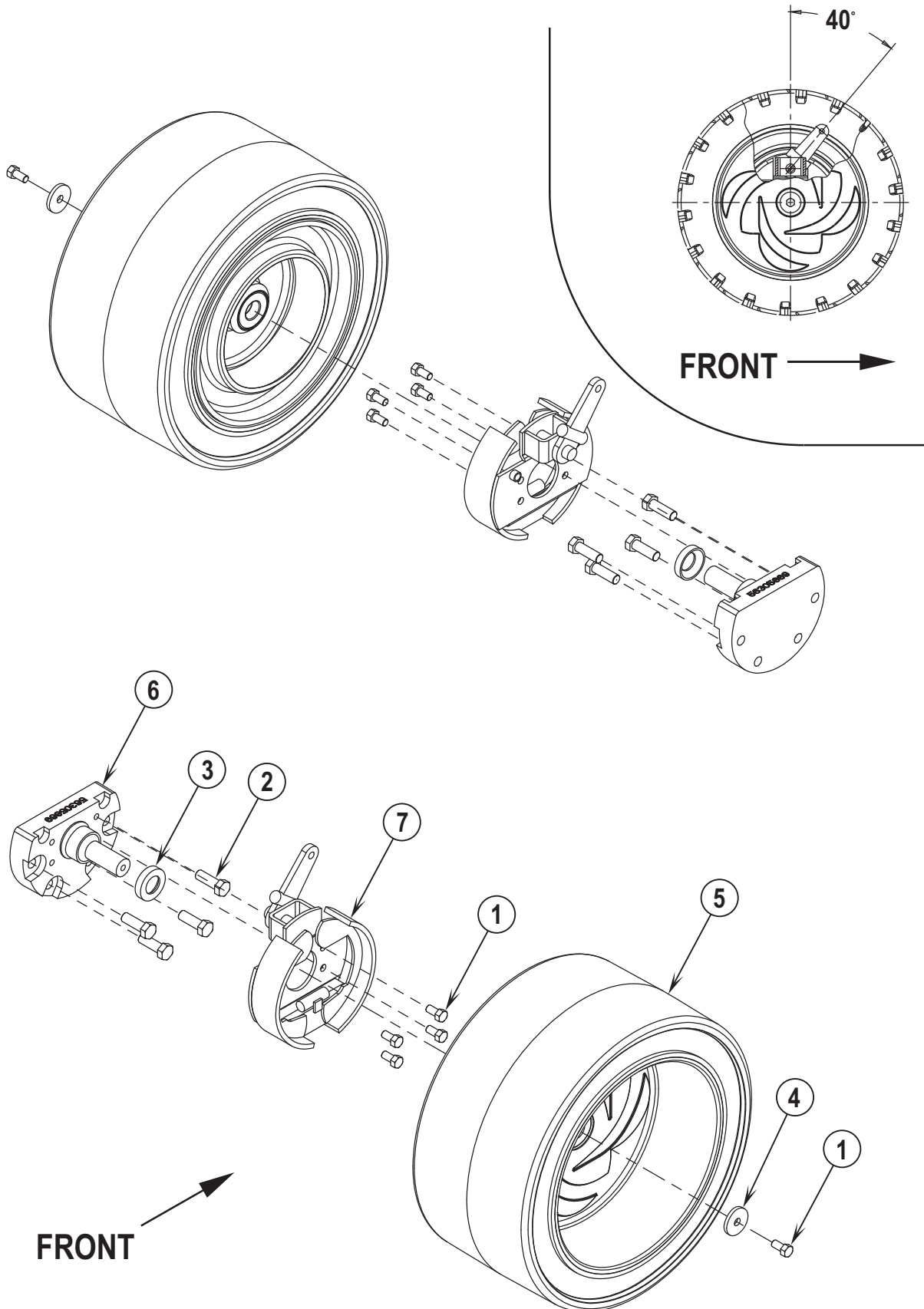
NOTE 1: Shaker motor 56418389 is no longer available. If you order the old shaker motor 56418389 you will receive Shaker Motor Kit 56508773 which includes items (24 & 26).



04-8	ELECTRICAL SYSTEM		
07-11	Haram Captor™ CR 1400		23

Item	Ref. No.	Qty	Description
1	56442054	1	Horn, 12 Volt
2	56305396	1	Assembly, Relay Mount (Petrol / LPG)
	56305386	1	Weldment, Relay Mount
	56009063	4	Scr, Hex Thd Form 10-24 x .25
	56418387	1	Relay, SPDT (K1 / Horn / top relay)
	56418387	1	Relay, SPDT (K2 / Lights / 2 nd relay)
	56418387	1	Relay, SPDT (K3 / Shaker / 3 rd relay)
	56418387	1	Relay, SPDT (K4 / Neutral / bottom relay)
	56305859	1	Assembly, Relay Mount (Diesel)
	56305386	1	Weldment, Relay Mount
	56009063	5	Scr, Hex Thd Form 10-24 x .25
	56418387	1	Relay, SPDT (K1 / Horn / top relay)
	56418387	1	Relay, SPDT (K2 / Lights / 2 nd relay)
	56418387	1	Relay, SPDT (K3 / Shaker / 3 rd relay)
	56418387	1	Relay, SPDT (K4 / Neutral / 4th relay)
	56418387	1	Relay, SPDT (K5 / Accessory / bottom relay)
3	56305288	1	Control Box Assembly
4	56305237	2	Bulb, Light
5	56305053	2	Sensor, Proximity (S12 / Hopper Interlock & S16 / Main Broom)
6	56486112	1	Clamp, P
7	56001954	1	Wsh, Flt SAE #10
8	56002733	1	Scr, Pan Phil 10-24 x .88
9	56002768	1	Nut, Hex Nyl Loc 10-24
10	56009033	1	Scr, Hex Thd Form 1/4-20 x .50
11	56009069	2	Scr, Pan Phil Loc 1/4-20 x .50
12	56305660	1	Light, Red LED Indicator (H8 / Broom Pressure)
13	56009019	1	Scr, Hex Thd Form 1/4-20 x .38
*	56304758	1	Harness, Main (model 56307000)
*	56306082	1	Harness, Main (model 56307001)
*	56305012	1	Cable, Pos. Battery
*	56305013	1	Cable, Neg. Battery
*	56305499	1	Cable Assy
*	56304421	1	Harness, Hopper
*	56304759	1	Harness, Shaker
*	56304780	1	Cord Asm, Hopper
*	56372673	2	Boot, Battery Post

* = Not Shown



04-8	FRONT WHEEL SYSTEM			
07-11	Haram Captor™ CR 1400			25

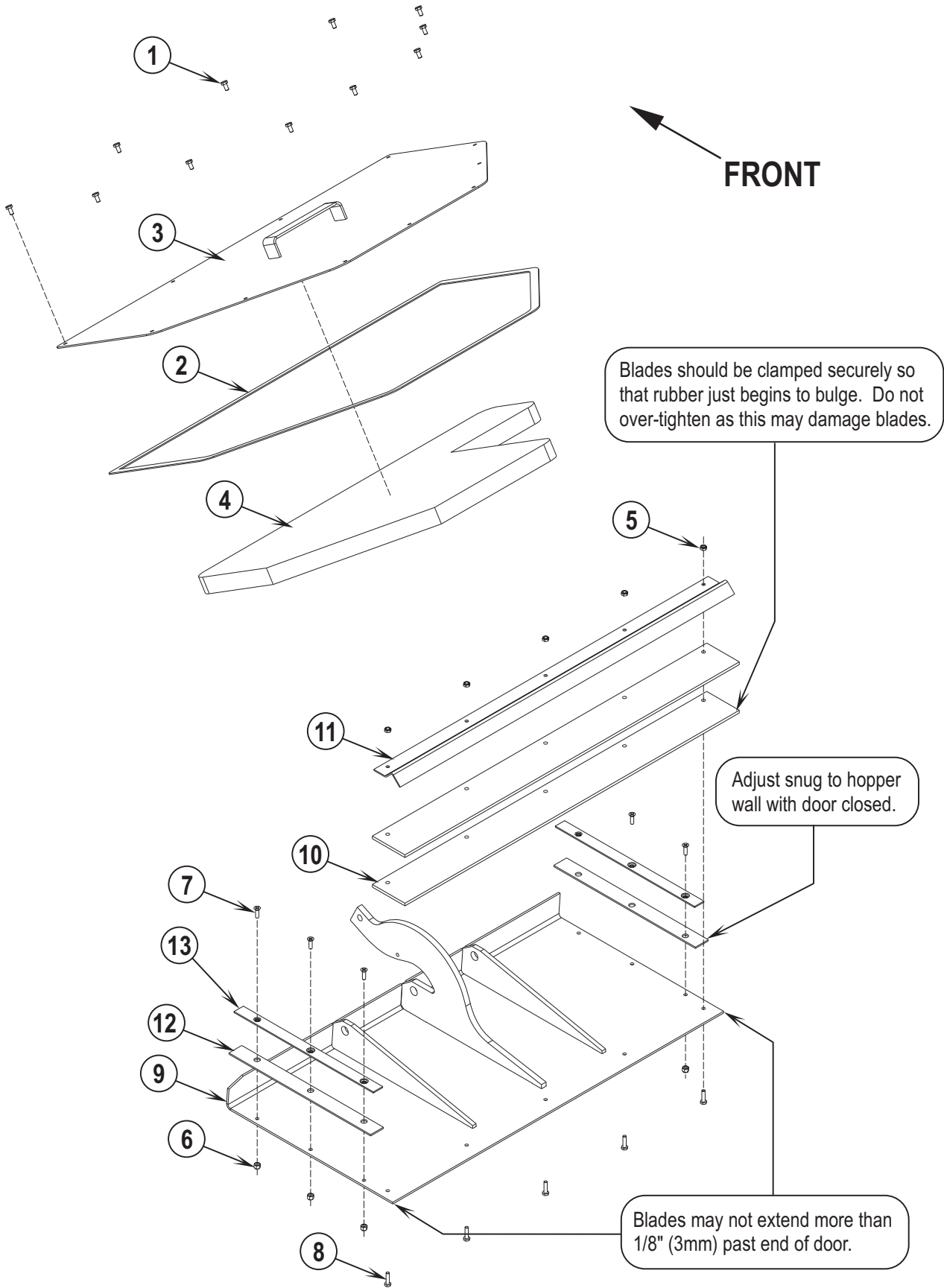
Item	Ref. No.	Qty	Description
1	56003079	10	Scr, Hex Hd Loc 3/8-16 x .75
2	56002954	8	Scr, Hex Hd Loc 1/2-13 x 1.50
3	56305742	2	Spindle Spacer
4	56367117	2	Wsh, Flt .406 x 1.5 x .1875
5	56307090	2	Front Wheel Assy
*	56111531	2	Bearing, Ball (2 per wheel assy)
*	56463832	1	Tire, Front (1 per wheel assy)
*	56304021	1	Hub, Front (1 per wheel assy)
6	56305927	2	Machining, Front Spindle
7	56410012	2	Brake Assy
*	56305600	A/R	Brake Shoe (2 required per Brake Assy)
*	56418580	A/R	Lever (1 required per Brake Assy)

* = Not Shown

04-8	HOPPER SYSTEM			
08-1	Haram Captor™ CR 1400			27

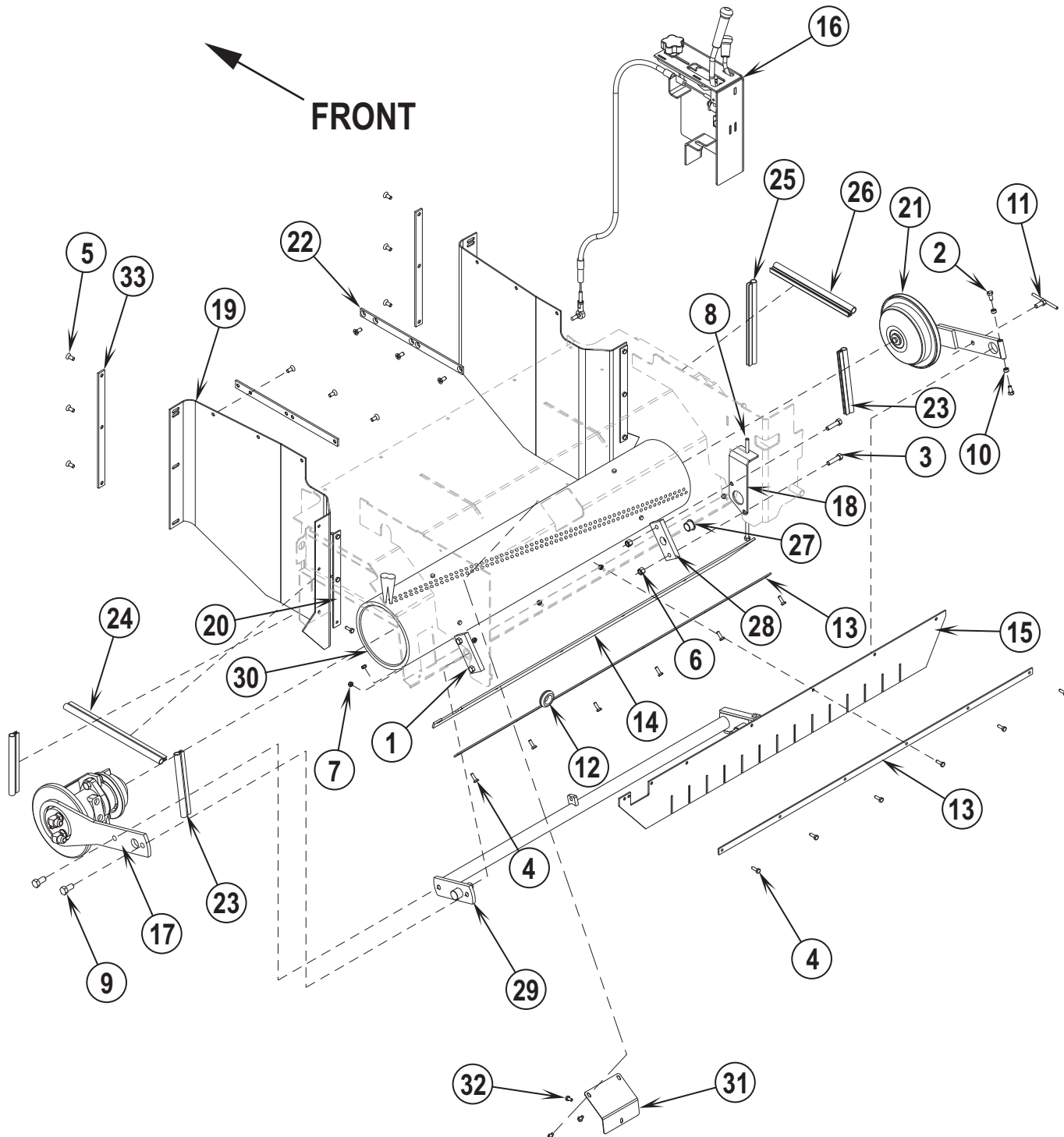
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56001818	1	Scr, Pan Phil 8-32 x .38	41	56360627	2	Bushing
2	56001831	2	Scr, Hex Hd 1/2-13 x 1.25	42	56370878	2	Bearing, Sleeve
3	56001834	2	Scr, Hex Hd 5/16-18 x 1.25	43	56409463	1	Clamp, 1.25 Hose Support
4	56001836	8	Scr, Hex Hd 1/4-20 x .62	44	56416253	2	Hinge Weldment
5	56001879	2	Wsh, Flt SAE 1/2	45	56416308	2	Left Hinge Pin Weldment
6	56001939	7	Wsh, Flt SAE 5/16	46	56416498	2	Collar, Hopper Hinge
7	56002037	2	Scr, Hex Hd 5/16-18 x .88	47	56416674	2	Filter Clamp Weldment
8	56002063	4	Wsh, Flt SAE 3/8	48	56418625	1	Pin, Cylinder Short
9	56002098	4	Wsh, Flt SAE 1/4	49	56442011	3	Clamp, P
10	56002221	1	Scr, Hex Hd 5/16-18 x 1.00	50	56449221	2	Bumper, 1.43 Dia
11	56002491	15	Nut, Hex Nyl Loc SS 1/4-20	51	56462746	2	Latch
12	56002701	3	Nut, Hex Nyl Loc 5/16-18	52	56481546	1	Plug, Hex Pipe
13	56002721	2	Scr, Hex Hd 5/16-18 x 2.00	53	56486112	2	Clamp, Cable
14	56002807	5	Scr, Hex Hd Ss 1/4-20 x .75	54	56486116	3	Grommet
15	56002826	4	Nut, Hex Nyl Loc-Thin 5/16-18	55	56003120	1	Pin, Cotter Hair .0915 x .375
16	56002843	2	Nut, Hex Nyl Loc-Thin 1/2-13	56	56304416	1	Bracket, Magnetic Switch
17	56002865	1	Nut, Hex Nyl Loc-Thin 8-32	57	56304526	1	Prop Rod Weldment
18	56002922	6	Scr, Hex Hd Loc 1/4-20 x .62	58	56304548	1	Cable Assy
19	56002929	1	Scr, Hex Hd Loc 5/16-18 x .62	59	56304596	1	Dump Door Assy
20	56002938	2	Wsh, Flt SAE SS 5/16	60	56304617	1	Gasket
21	56002947	4	Scr, Hex Hd Loc 3/8-16 x 1.00	61	56307099	2	Skirt, 1/16 Hopper
22	56003081	4	Scr, Soc Set Loc 3/8-16 x .38	62	56304677	2	Hinge Plate
23	56003086	10	Scr, Flt Phil SS 1/4-20 x .88	63	56304683	2	Pin Hopper Hinge Wld
24	56003258	2	Ring, Ret Ext	64	56304685	1	Bracket, Prop
25	56100094	8	Washer, Balance-9.4 GR	65	56304768	2	Lamp, 12V
26	56009012	5	Scr, Hex Thd Form 10-24 x .38		56304783	A/R	Bulb, Light (for 56304768)
27	56009016	2	Nut, Hex Jam 1/2-13	66	56304807	2	Strap, Hopper
28	56009018	2	Scr, Hex Thd Form 1/4-20 x .75	67	56304810	1	Seal, Horizontal
29	56009019	2	Scr, Hex Thd Form 1/4-20 x .38	68	56304815	1	Blade
30	56009029	4	Scr, Pan Phil Thd Form 10-24 x .50	69	56304816	1	Strap
31	56009033	5	Scr, Hex Thd Form 1/4-20 x .50	70	56304832	1	Cover, Hopper
32	56009086	1	Nut, Hex Jam 5/16-18	71	56304833	1	Cover, Hopper Bottom
33	56009095	1	Nut, Conduit Lock 1/2-14	72	56304863	1	Prop Rod
34	56009122	1	Wsh, Flt .344 x .938 x .125	73	56304896	1	Bearing, Sleeve 1.125 x 1.375 x 1.00
35	56009139	8	Scr, Pan Phil Loc 10-24 x .38	74	56304897	1	Bearing, Sleeve 1.125 x 1.375 x .500
36	56244937	1	Bushing, Flange .328	75	56305183	1	Bracket, Lower Hopper Cover
37	56300241	2	Bushing .33 x .5 x 1.3	76	56305190	1	Access Panel Assembly
38	56320595	3	Bushing .32 x .50 x .28	77	56305196	1	Blade, Dust Shield
39	56323135	1	Strain Relief	78	56307100	1	Modified Hopper
40	56342319	2	Clamp, P	79	56409769	1	Clip, Weatherpack Mount
				80	56419264	1	Boot, Hopper
				81	56419265	1	Plate, Boot

** = Optional



04-8	HOPPER SYSTEM SUB-ASSEMBLIES		
05-8	Haram Captor™ CR 1400		29

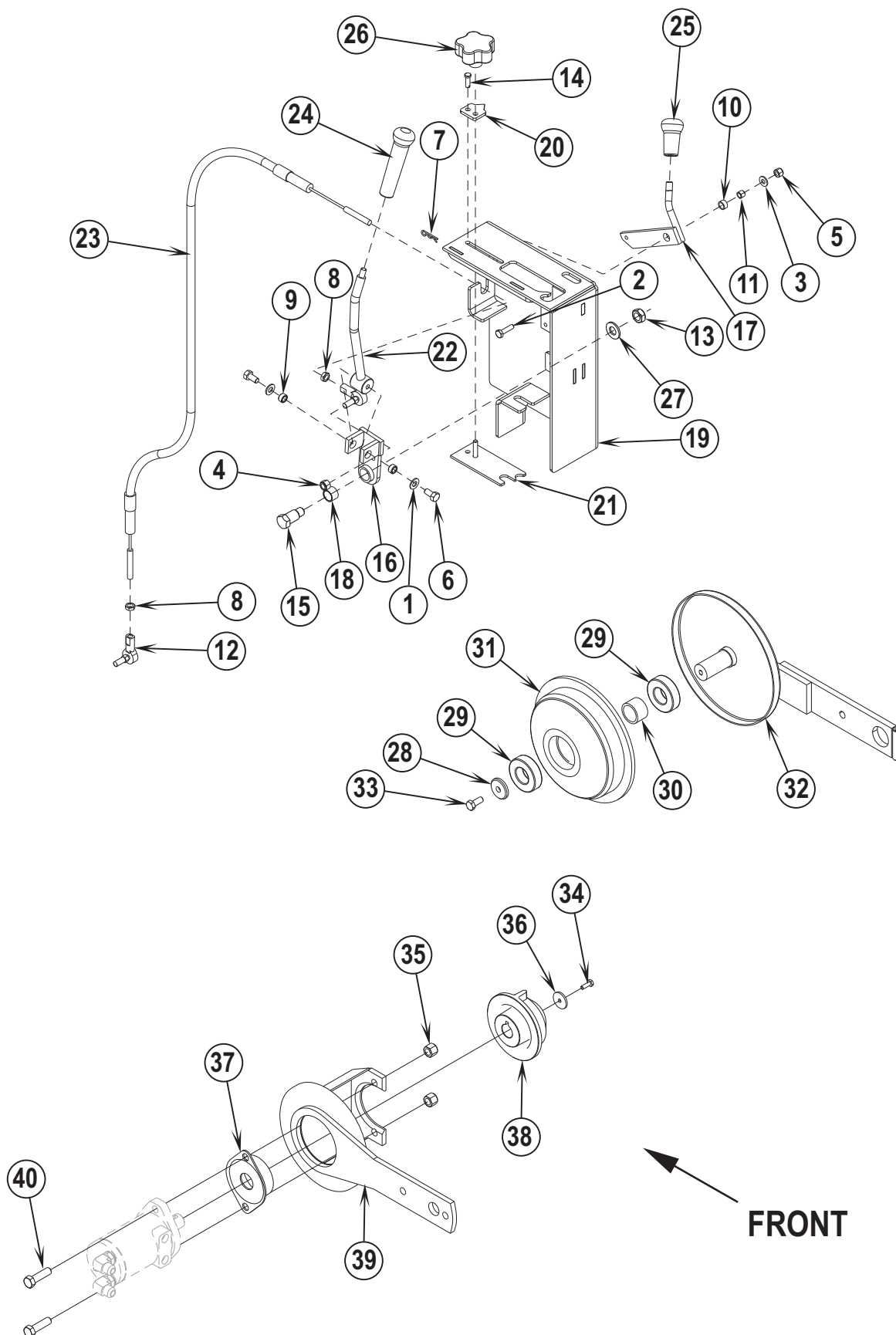
Item	Ref. No.	Qty	Description
	56305190	1	Access Panel Assy (1-4)
	56304596	1	Dump Door Assy (5-13)
1	56009012	11	Scr, Hex Thd Form 10-24 x .38
2	56200754	6.5	Gasket, Strip-Raw Stock (qty in feet)
3	56304401	1	Access Panel Weldment
4	56304729	1	Foam, Access Panel
5	56002850	5	Nut, Hex Nyl Loc-Thin SS 1/4-20
6	56002491	6	Nut, Hex Nyl Loc SS 1/4-20
7	56003086	6	Scr, Flt Phil SS 1/4-20 x .88
8	56002883	5	Scr, Hex Hd SS 1/4-20 x 1.00
9	56304597	1	Dump Door Weldment
10	56304808	2	Blade, Hopper Door
11	56304809	1	Angle
12	56419440	2	Wiper, Dump Door
13	56419441	2	Strap



04-8	MAIN BROOM SYSTEM		
	Haram Captor™ CR 1400		31

Item	Ref. No.	Qty	Description
1	56001858	2	Scr, Hex Hd 3/8-16 x 1.25
2	56002035	2	Scr, Hex Hd 5/16-18 x .62
3	56002095	2	Scr, Hex Hd 3/8-16 x 1.50
4	56002155	20	Scr, Hex Hd 1/4-20 x .75
5	56002395	12	Scr, Flt Phil 5/16-18 x .75
6	56002769	4	Nut, Hex Nyl Loc 3/8-16
7	56002840	12	Nut, Hex Nyl Loc-Thin 1/4-20
8	56002013	1	Scr, Hex Thd to Hd 5/16-18 x 2.00
9	56003083	2	Scr, Hex Hd Loc 1/2-13 x 1.00
10	56320595	2	Bushing .32 x .50 x .28
11	56416382	1	Broom Arm Nut Weldment
12	56486116	1	Grommet
13	56303147	2	Strap, Rear
14	56303148	1	Skirt, Rear
15	56303149	1	Skirt, Rear
16	56304753	1	Lift Asm, Broom
17	56304913	1	Drive Lug Assy
18	56304919	1	Broom Adjuster
19	56304924	2	Skirt, Broom Housing
20	56304925	2	Strap, Vertical
21	56304979	1	Right Broom Arm Assy
22	56305102	2	Strap
23	56305198	3	Gasket (Qty In Inches 7.25")
24	56305199	1	Gasket (Qty In Inches 13.62")
25	56305200	1	Gasket (Qty In Inches 10")
26	56305201	1	Gasket
27	56305255	2	Bearing, Flange
28	56305276	2	Pillow Block
29	56305399	1	Main Broom Hanger Weldment
30	56505955	1	Main Broom, Proex / Wire, 8 Double Rows
31	56305819	1	Cover, Access
32	56009033	3	Scr, Hex Thd Form 1/4-20 x .50S
33	56305960	2	Strap
**	56505951	1	Main Broom, Poly / Wire, 8 Double Rows
**	56505952	1	Main Broom, Proex, 12 Double Rows
**	56505953	1	Main Broom, Nylon, 8 Double Rows
**	56505954	1	Main Broom, Proex, 8 Double Rows
**	56505956	1	Main Broom, Prolene, 8 Double Rows

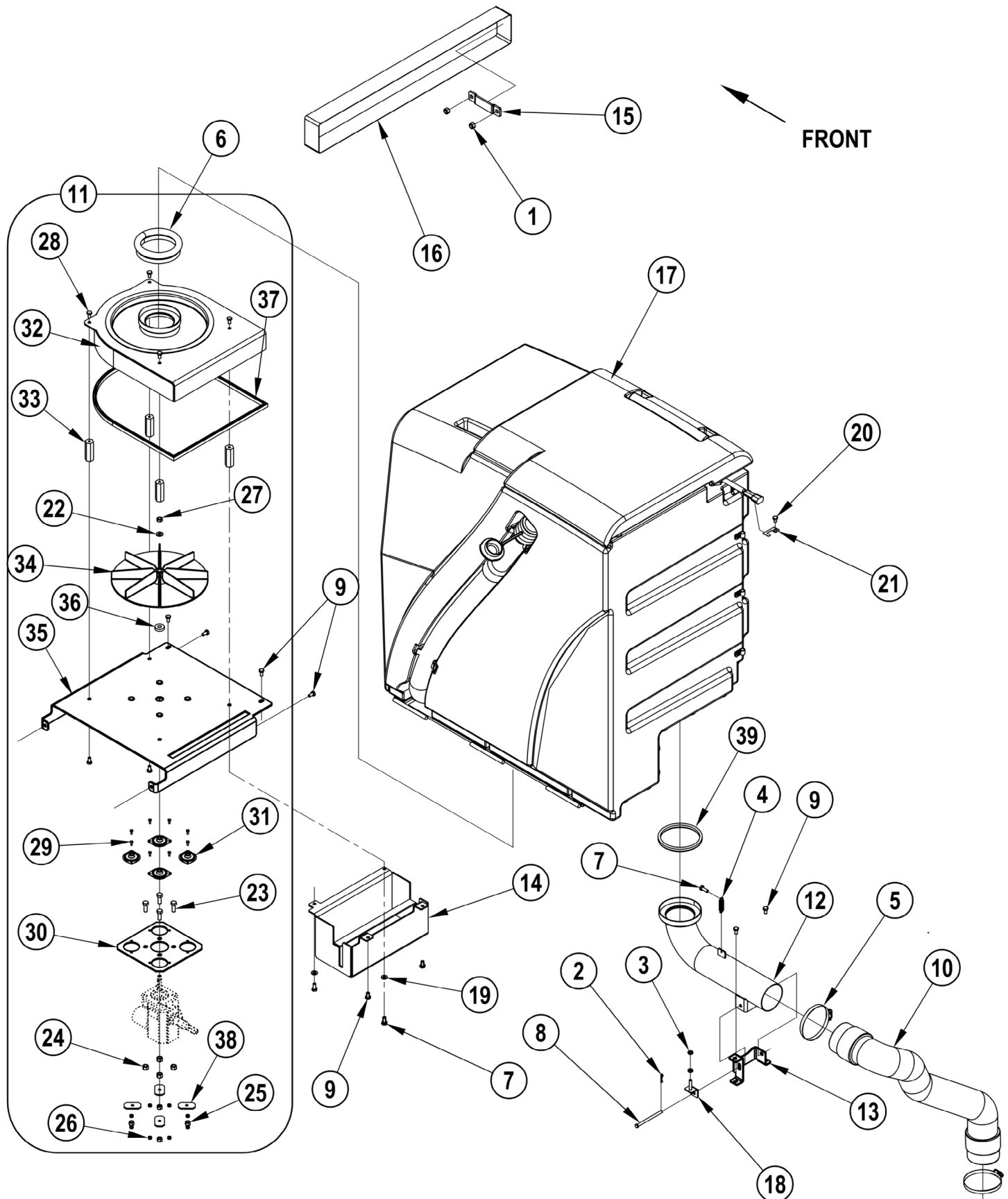
** = Optional



04-8	MAIN BROOM SYSTEM SUB-ASSEMBLIES		
08-7	Haram Captor™ CR 1400		33

Item	Ref. No.	Qty	Description
	56304753	1	Lift Assy, Broom (1-27)
	56304979	1	Right Broom Arm Assy (28-33)
	56304913	1	Drive Lug Assy (34-40)
1	56001939	2	Wsh, Flt SAE 5/16
2	56002093	1	Scr, Hex Hd 1/4-20 x 1.00
3	56002098	1	Wsh, Flt SAE 1/4
4	56002950	1	Nut, Hex Nyl Loc 5/16-24
5	56002708	1	Nut, Hex Nyl Loc 1/4-20
6	56002929	2	Scr, Hex Hd Loc 5/16-18 x .62
7	56003332	1	Pin, Cot Hair .042 x .188
8#	56001884	2	Nut, Hex Jam 5/16-24
9	56320595	2	Bushing .32 x .50 x .28
10	56368970	1	Bearing, Sleeve
11	56368989	1	Bushing
12	56477756	2	Rod End
13	56002843	1	Nut, Hex Nyl Loc-Thin 1/2-13
14	56003663	1	Clevis Pin .25 x .75
15	56171336	1	Bolt, Shoulder
16	56305474	1	Lift Pivot Weldment
17	56304345	1	Lever Weldment
18	56304586	1	Bearing .750 x .625 x .500
19	56304752	1	Weldment, Broom Lift
20	56304821	1	Plate, Indicator
21	56304822	1	Stop Plate Weldment
22	56304825	1	Lever Weldment
23	56305009	1	Cable, Broom Lift
24	56305010	1	Knob, Broom
25	56305011	1	Knob, Solution
26	56305030	1	Knob, Adjust
27	56001879	1	Wsh, Flt SAE 1/2
28	56358959	1	Washer, Flat
29	56479430	2	Bearing, Ball
30	56479434	1	Bushing
31	56493845	1	Hub-Idler
32	56304977	1	Right Broom Arm Weldt
33	56002956	1	Scr, Hex Hd Loc 5/16-18 x .75
34	56002155	1	Scr, Hex Hd 1/4-20 x .75
35	56002770	2	Nut, Hex Nyl Loc 1/2-13
36	56009199	1	Wsh, Flt Brass .266 x 1.250 x .125
37	56455997	1	Broom Motor Seal Guard
38	56477762	1	Hub, Driver
39	56305469	1	Broom Arm Weldment
40	56001995	2	Scr, Hex Hd 1/2-13 x 1.75

= Revised or new since last update



04-8	RECOVERY SYSTEM			
08-5	Haram Captor™ CR 1400			35

Item	Ref. No.	Qty	Description
1	56002701	2	Nut, Hex Nyl Loc 5/16-18
2	56003332	1	Pin, Cot Hair .042 x .188
3	56009087	2	Nut, Hex Jam 1/4-20
4	56330178	1	Spring, Extension
5	56352829	2	Clamp, Hose SAE #52
6	56455984	1	Gasket, Bulb
7	56002948	3	Scr, Hex Hd Loc 1/4-20 x .75
8	56003669	1	Clevis, Pin .25 x 3.50
9	56009033	8	Scr, Hex Thd Form 1/4-20 x .50
10	56305377	1	Hose, Vacuum 3in
11	56304800	1	Vac Fan Assembly (22-38)
12	56304840	1	Tube Weldment, Squeegee
13	56304844	1	Mount, Pivot
14	56305306	1	Vac Fan Deflector Weldment
15	56305488	1	Tie Down
16	56305491	1	Tether
17	56305063	1	Recovery Tank Assembly
18	56305721	1	Tab Adjust
19	56002098	2	Wsh, Flt SAE 1/4
20	56009019	1	Scr, Hex Thd Form 1/4-20 x .38
21	56409769	1	Clip, Weatherpack Mount
22	56002701	4	Nut, Hex Nyl Loc 5/16-18
23	56002708	4	Nut, Hex Nyl Loc 1/4-20
24	56002830	8	Nut, Hex Nyl Loc 6-32
25	56002866	1	Nut, Hex Nyl Loc-Thin 5/16-24
26	56001939	1	Wsh, Flt SAE 5/16
27	56002037	4	Scr, Hex Hd 5/16-18 x .88
28	56003039	6	Scr, Hex Hd Loc 1/4-20 x .50
29	56003068	8	Scr, Hex Hd 6-32 x .38
30	56304647	1	Plate, Motor Mount
31	56304652	4	Isolator, Vibration
32	56304805	1	Top Plate Weldment
33	56304806	4	Spacer
34	56305018	1	Impeller
35	56305019	1	Bottom Plate Weldment
36	56305022	1	Spacer, .375 x 1.00 x .25
37	56305212	1	Seal
38	56305714	4	Washer, Snubbing
39	56307220	1	Trim, Edge TSBUS2006-920

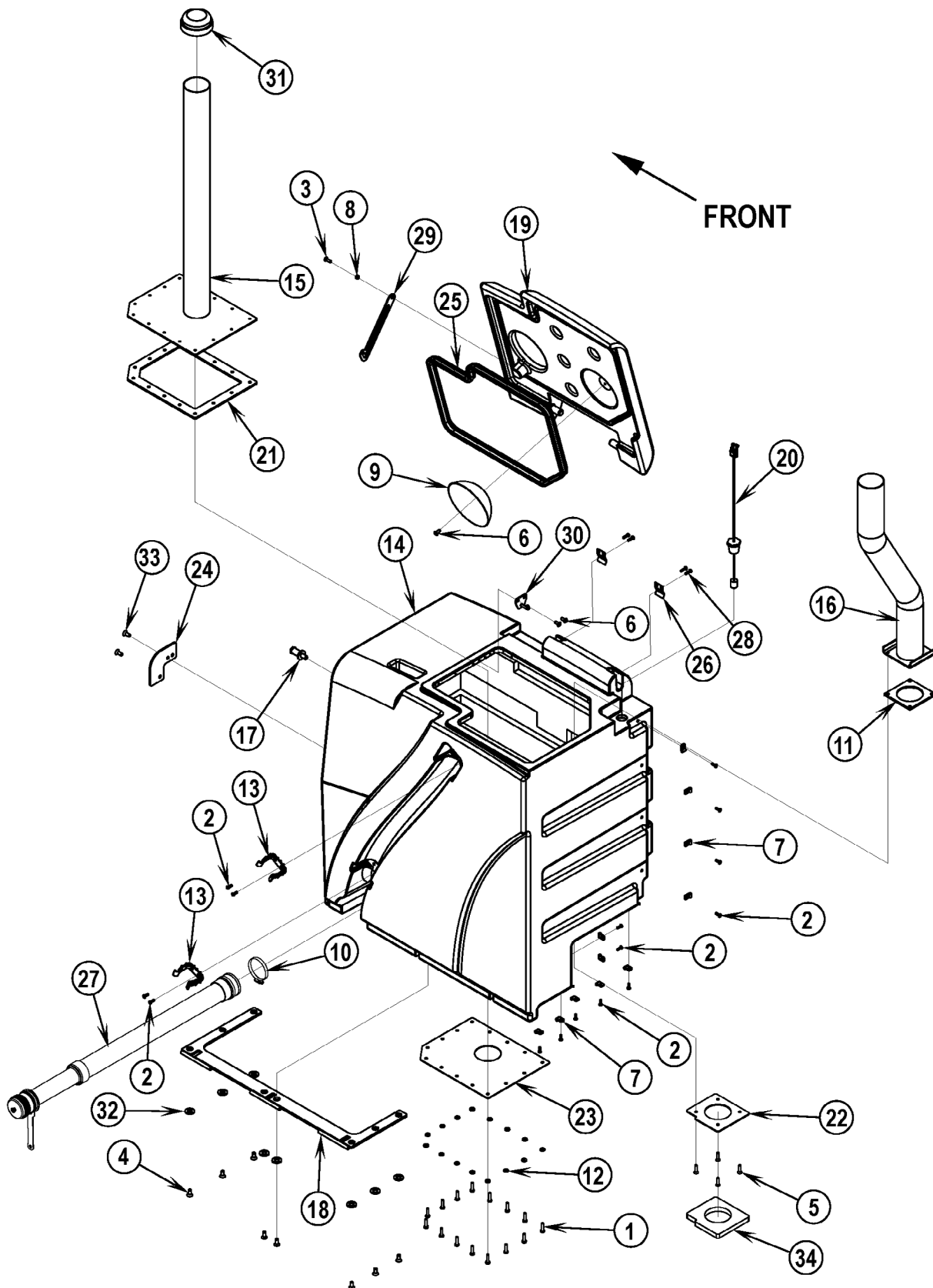
RECOVERY TANK ASSEMBLY

04-8

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Haram Captor™ CR 1400

08-5



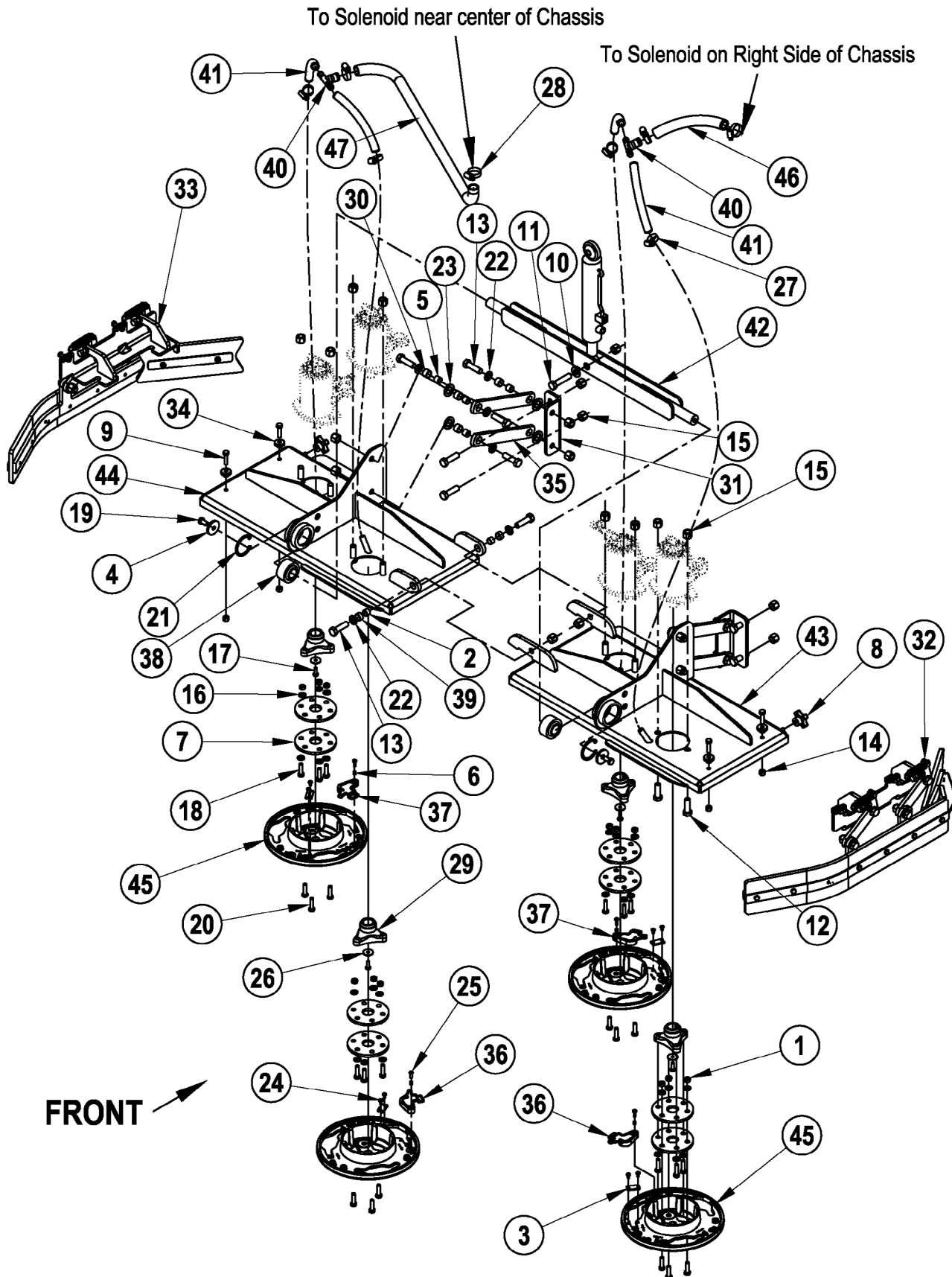
04-8	RECOVERY TANK ASSEMBLY		
08-7	Haram Captor™ CR 1400		37

Item	Ref. No.	Qty	Description
	56305063	1	Recovery Tank Assy
1	56002883	15	Scr, Hex Hd SS 1/4-20 x 1.00
2	56002896	15	Scr, Pan Phil SS 10-24 x .62
3	56002957	1	Scr, Pan Phil SS 1/4-20 x .75
4	56003689	8	Scr, Flt Phil SS 5/16-18 x .75
5	56003074	4	Scr, Flt Phil SS 1/4-20 x 1.00
6	56009120	3	Scr, Pan Phil SS Type B 1/4-14 x .62
7	56220507	11	Clamp, P TSBUS2005-875
8	56206784	1	Bushing
9	56454718	1	Deflector
10	56456797	1	Clamp, Hose SAE #36
11	56459136	1	Gasket
12	56900737	15	Washer, Sealing 1/4
13	56212236	2	Clamp, Plastic
14	56304483	1	Recovery Tank Assy
15	56304648	1	Standpipe Weldment, Left
16	56304653	1	Standpipe Weldment, Right
17	56304864	1	Pin, Slam Lock
18	56304871	1	Pivot Weldment
19	56305005	1	Lid, Recovery Tank
20	56305977	1	Switch, Liquid Level (S8) TSBUS2005-875
21	56305054	1	Gasket
22	56305060	1	Plate, Seal, Squeegee
23	56305061	1	Plate, Seal, Vacuum
24	56305202	1	Plate, Tether Cover
25	56305203	1	Gasket
26	56305457	2	Clip, Lid
27	56601406	1	Drain Hose
*	56601411	1	Drain Hose Cap Kit
**#	56601410	1	Drain Hose Extension
28	56009005	4	Scr, Pan Phil SS Type B 10-16 x .75
29	56305236	1	Slide
30	56305247	1	Support
31	56305352	1	Screen, Fan Inlet
32	56002918	8	Wsh, Flt SAE SS 1/2
33	56002395	2	Scr, Flt Phil 5/16-18 x .75
34	56307219	1	Gasket, Foam TSBUS2006-920
*	56478246	2	Tie, Cable

* = Not Shown

** = Optional, Not Included

= Revised or new since last update



04-8	SCRUB SYSTEM			
08-7	Haram Captor™ CR 1400			39

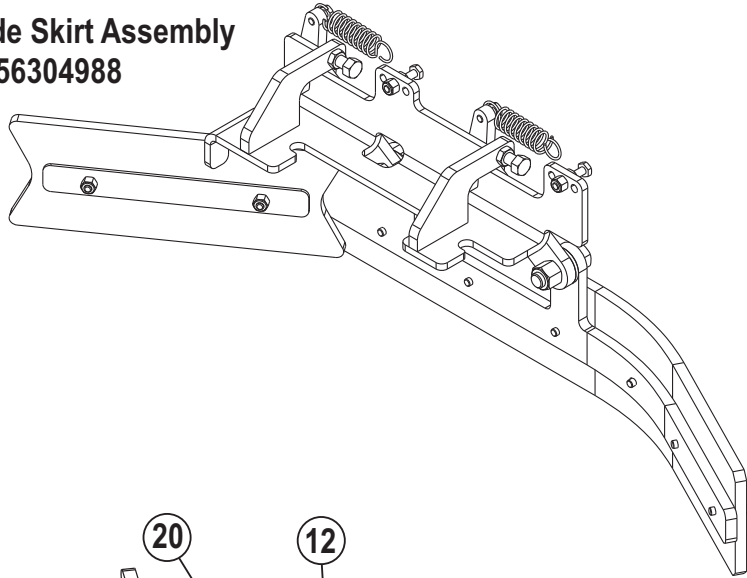
Item	Ref. No.	Qty	Description				54" SCRUB BRUSHES
1	56003405	12	Nut, Hex Nyl Loc SS M8 x 1.25	**	56505800	3	Brush, Pad Holder
2	56360627	2	Bushing	*	56505195	A/R	Pad Retainer for 56505800
3	56366455	4	Plate, Stop	**	56505801	3	Brush, MagnaGrit 46
4	56367117	2	Wsh, Flt .406 x 1.5 x .1875	**	56505802	3	Brush, DynaGrit 80
5	56367206	8	Bushing	**	56505803	3	Brush, AgLite 500
6	56369004	4	Bushing	**	56505804	3	Brush, Prolene
7	56407053	8	Thermoid Disk	**	56505805	3	Brush, ProLite
8	56407303	2	Knob	**	56505806	3	Brush, Union Mix
9	56001834	4	Scr, Hex Hd 5/16-18 x 1.25	**	56505807	3	Brush, MidGrit 240
10	56001879	1	Wsh, Flt SAE 1/2	**	56505808	3	Brush, MidLite 180 (STD)
11	56001920	1	Scr, Hex Hd 1/2-13 x 2.25				
12	56001968	8	Scr, Hex Hd 1/2-13 x 1.50				
13	56001995	14	Scr, Hex Hd 1/2-13 x 1.75				
14	56002701	4	Nut, Hex Nyl Loc 5/16-18				
15	56002770	23	Nut, Hex Nyl Loc 1/2-13				
16	56002938	24	Wsh, Flt SAE SS 5/16				
17	56003221	4	Scr Hex Loc SS 1/4-20 x .75				
18	56003278	12	Scr, Hex Loc SS M8-1 x 30mm				
19	56003335	2	Scr Hex Loc SS 5/16-18 x .88				
20	56003639	12	Scr, Hex Hd SS M8-1.25 x 30mm				
21	56003680	2	Ring, Ret Int Type Ho (2.125)				
22	56009017	10	Wsh, Flt Harden .516 x .938 x .75				
23	56009022	8	Wsh, Flt .754 x 1.250 x .120				
24	56009030	8	Scr, Pan Phil Thd Form 10-24 x .38				
25	56009042	4	Scr, Pan Phil Thd Form 10-24 x .62				
26	56009060	4	Wsh, Flt SS .260 x 1.000 x .074				
27	56112771	4	Clamp, Hose SAE #10				
28	56244969	4	Clamp, Hose SAE #12				
29	56304077	4	Hub, Drive				
30	56304586	8	Bearing .750 x .625 x .500				
31	56304605	2	Mount Chassis Scrub Deck				
32	56304988	1	Side Skirt Right Assy				
33	56304998	1	Side Skirt Left Assy				
34	56305258	4	Mounting Lugs				
35	56307089	4	Arm, 7.25 in. Parallel				
36	56305515	2	Brush Lock, Left				
37	56305543	2	Brush Lock, Right				
38	56305552	2	Bearing, Spherical 1.00				
39	56305553	2	Bearing, .719 x .625 x .375				
40	56305760	2	Tee, Barb 3/4 x 1/2 x 1/2				
41	56305763	4	Hose, Push Lock (7 In.)				
42	56305773	1	Push Deck Weldment				
43	56305774	1	Deck, 54 Right Weldment				
44	56305775	1	Deck Left 54 Weldment				
45	56314030	4	Brush Holder				
46#	56392193	1	Hose, Spiral .75 x 14 In.				
47#	56459674	1	Hose, Spiral .75 x 33 In.				

** = Optional

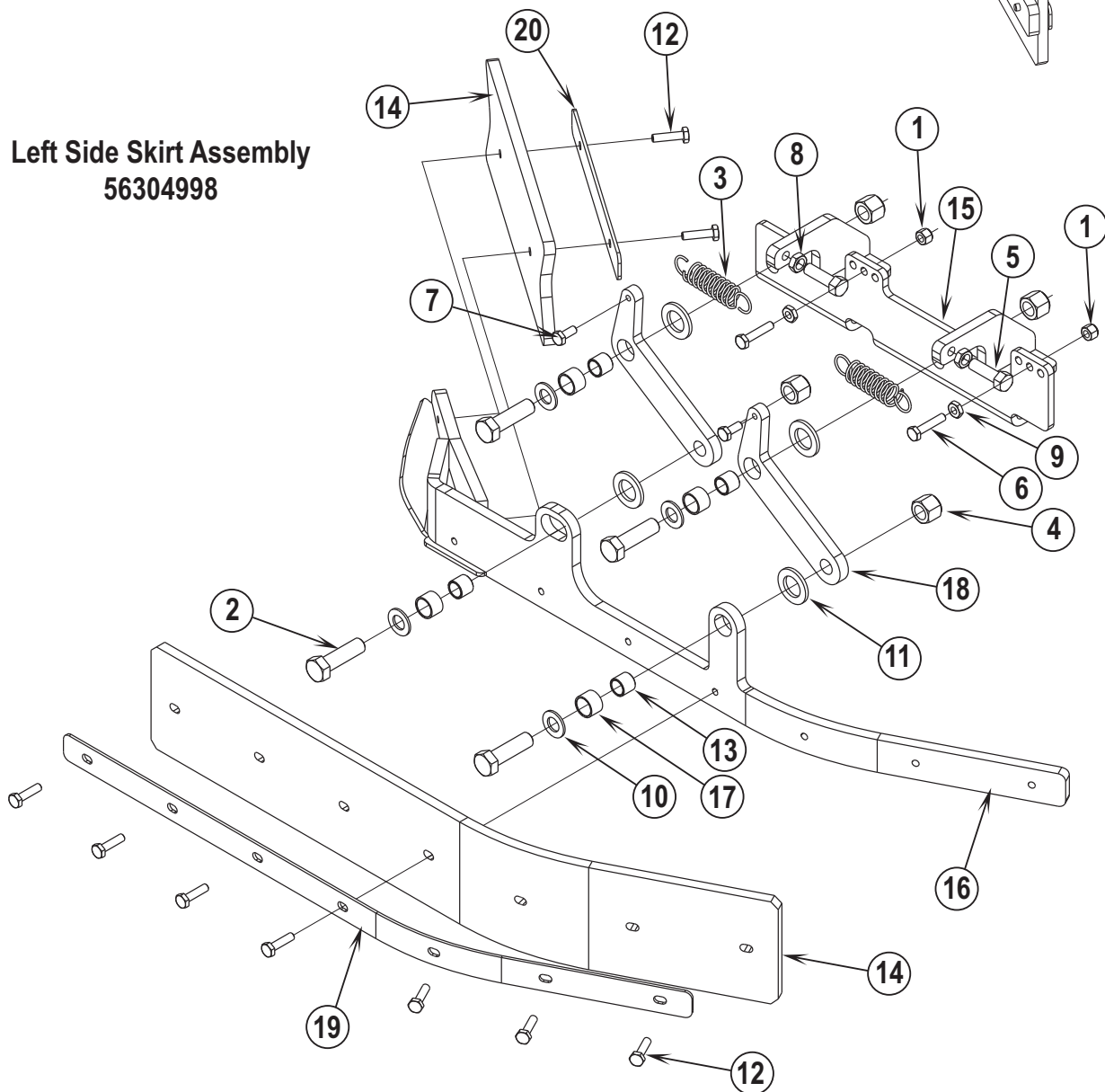
= Revised or new since last update

NOTE: See Hydraulic System Parts List form number 56042461 for hydraulic motor assemblies.

Right Side Skirt Assembly
56304988



Left Side Skirt Assembly
56304998



04-8	SCRUB SYSTEM SKIRT ASSEMBLIES		
04-11	Haram Captor™ CR 1400		41

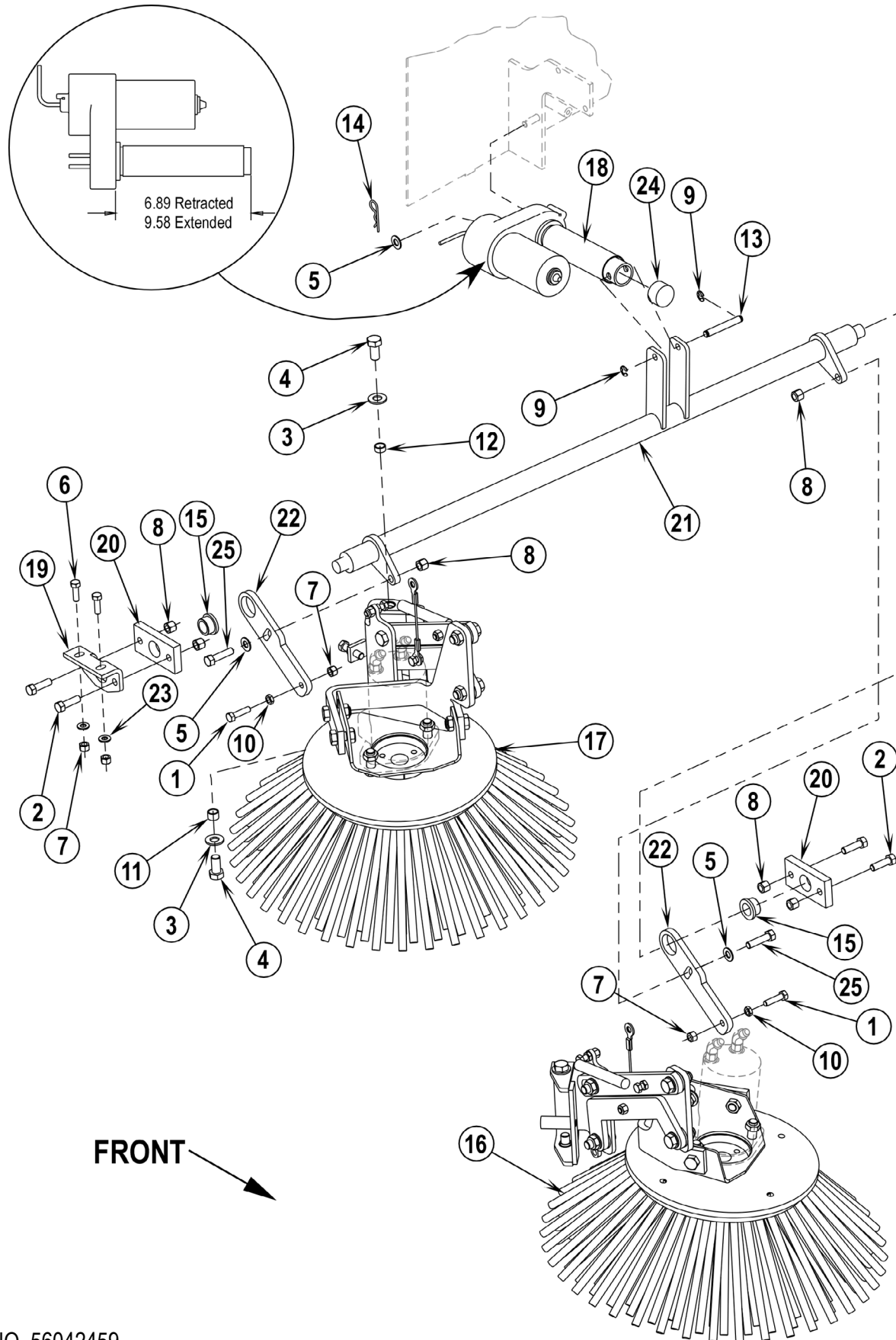
Item	Ref. No.	Qty	Description
	56304988	1	Side Skirt Right Assy
	56304998	1	Side Skirt Left Assy
1	56002491	2	Nut, Hex Nyl Loc Ss 1/4-20
2	56001995	4	Scr, Hex Hd 1/2-13 x 1.75
3	56305253	2	Spring, Extension
4	56002770	4	Nut, Hex Nyl Loc 1/2-13
5	56002881	2	Scr, Hex Hd SS 3/8-16 x 1.25
6	56002897	2	Scr, Hex Hd SS 1/4-20 x 1.25
7	56002922	2	Scr, Hex Hd Loc 1/4-20 x .62
8	56003015	2	Nut, Hex Jam SS 3/8-16
9	56003145	2	Nut, Hex Jam SS 1/4-20
10	56009017	4	Wsh, Flt Harden .516 x .938 x .75
11	56009022	4	Wsh, Flt .754 x 1.250 x .120
12	56009054	9	Scr, Hex Type 23 1/4-20 x 1.00
13	56367206	4	Bushing
14	56305697	1	Side Blade Kit NOTE 2
15	56305879	1	Mount, Left Side Squeegee Weld't (56304998 Assy)
*	56305880	1	Mount, Right Side Squeegee Weld't (56304988 Assy)
16	56304999	1	Side Skirt Left Weld't (56304998 Assy)
*	56304989	1	Side Skirt Right Weld't (56304988 Assy)
17	56304586	4	Bearing .750 x .625 x .500
18	56304993	2	Arm Parallel Side Skirts
19	56304994	1	Strap Long Side Skirts
20	56304995	1	Strap Short Side Skirts
**	56305685	1	Neoprene Side Blade Kit

* = Not Shown

** = Optional

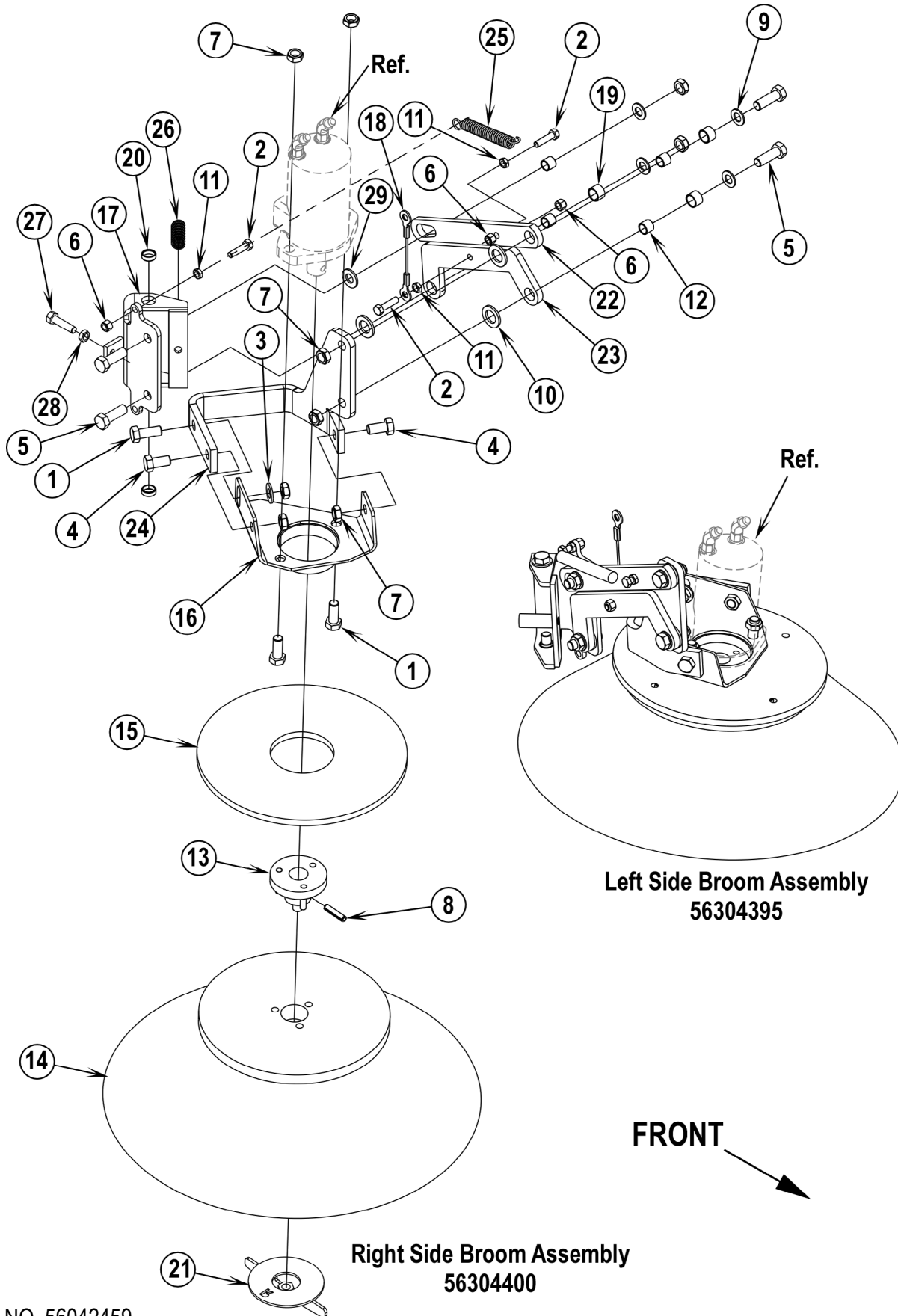
NOTE: All quantities are for ONE side skirt assembly only (except where noted). There are two side skirt assemblies on the machine.

NOTE 2: Side Blade Kit includes 2 short and 2 long blades, order 1 kit for each machine.



04-8	SIDE BROOM SYSTEM		
	Haram Captor™ CR 1400		43

Item	Ref. No.	Qty	Description
1	56001834	2	Scr, Hex Hd 5/16-18 x 1.25
2	56001858	4	Scr, Hex Hd 3/8-16 x 1.25
3	56001879	4	Wsh, Flt SAE 1/2
4	56001895	4	Scr, Hex Hd 1/2-13 x 1.00
5	56002063	3	Wsh, Flt SAE 3/8
6	56002221	2	Scr, Hex Hd 5/16-18 x 1.00
7	56002701	4	Nut, Hex Nyl Loc 5/16-18
8	56002769	6	Nut, Hex Nyl Loc 3/8-16
9	56003262	2	Ring, Ret Ext Type E 0.38 Dia
10	56009086	2	Nut, Hex Jam 5/16-18
11	56360627	2	Bushing
12	56365030	2	Bushing .50 x .62 x .27
13	56412088	1	Pin
14	56003120	1	Pin, Cotter Hair .0915 x .375
15	56303071	2	Bearing, Flange
16	56304395	1	Left Side Broom Assy
17	56304400	1	Right Side Broom Assy
18	56305008	1	Actuator, Motor (M4)
19	56305080	1	Bracket, Side Broom Lift
20	56305091	2	Pillow Block
21	56305442	1	Lifter Shaft Weldment
22	56305470	2	Arm, Side Broom Lift
23	56001939	2	Wsh, Flt SAE 5/16
24	56305798	1	Foam Seal
25	56002095	2	Scr, Hex Hd 3/8-16 x 1.50



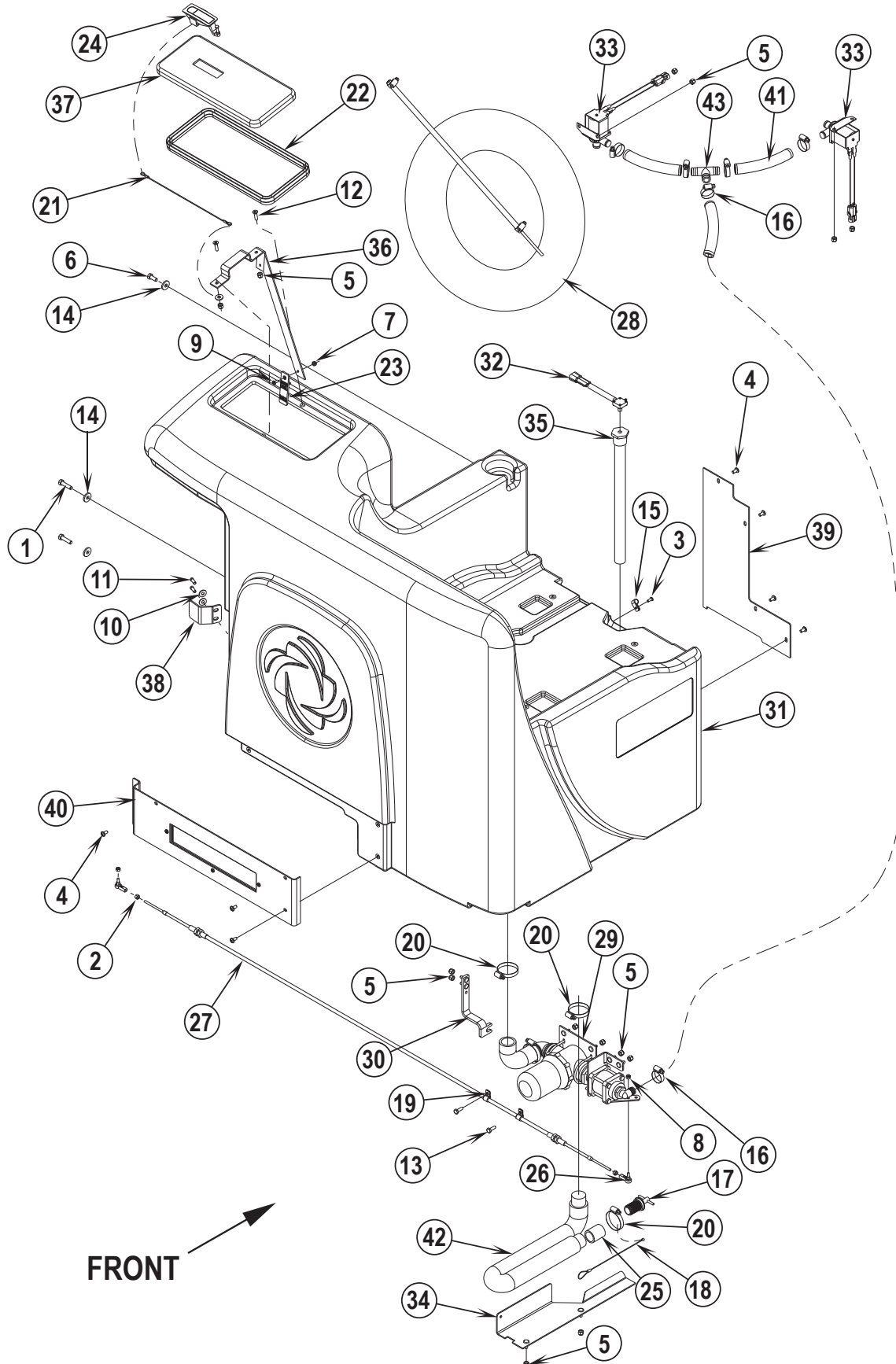
04-8	SIDE BROOM SYSTEM SUB-ASSEMBLIES		
08-5	Haram Captor™ CR 1400		45

Item	Ref. No.	Qty	Description
	56304400	1	Right Side Broom Assy NOTE 2
	56304395	1	Left Side Broom Assy NOTE 2
1	56001831	3	Scr, Hex Hd 1/2-13 x 1.25
2	56001834	3	Scr, Hex Hd 5/16-18 x 1.25
3	56001879	1	Wsh, Flt SAE 1/2
4	56001895	2	Scr, Hex Hd 1/2-13 x 1.00
5	56001968	4	Scr, Hex Hd 1/2-13 x 1.50
6	56002701	3	Nut, Hex Nyl Loc 5/16-18
7	56002843	9	Nut, Hex Nyl Loc-Thin 1/2-13
8	56003494	1	Pin, Spr .31 x 1.38
9	56009017	4	Wsh, Flt Harden .516 x .938 x .75
10	56009022	3	Wsh, Flt .754 x 1.250 x .120
11	56009086	3	Nut, Hex Jam 5/16-18
12	56367206	4	Bushing
13	56418543	1	Right Hub Assy
	56305723	1	Left Hub Assy
14	56462252	1	Broom, Side
15	56304038	1	Guard, Side Broom
16	56304039	1	Motor Bracket Weldt (Right Side)
*	56304397	1	Motor Bracket Weldt (Left Side)
17	56304052	1	Side Broom Hinge Weldt
18	56304126	1	Cable Assy
19	56304586	3	Bearing .750 X .625 X .500
20	56304893	2	Bearing, Sleeve .625 X .750 X .250
21	56305731	1	Right Thumb Nut Weldt
	56305725	1	Left Thumb Nut Weldt
22	56305460	1	Arm, Side Broom
23	56305462	1	Arm, Side Broom, Lower
24	56305463	1	Bracket, Side Broom (Right Side)
*	56305461	1	Bracket, Side Broom (Left Side)
25	56448112	1	Spring Ext
26	56761327	1	Spring, Comp
27	56002747	1	Scr, Hex Thd to Hd 3/8-16 x 1.50
28	56009085	1	Nut, Hex Jam 3/8-16
29	56002022	1	Wsh, Flt SAE 5/8

* = Not Shown

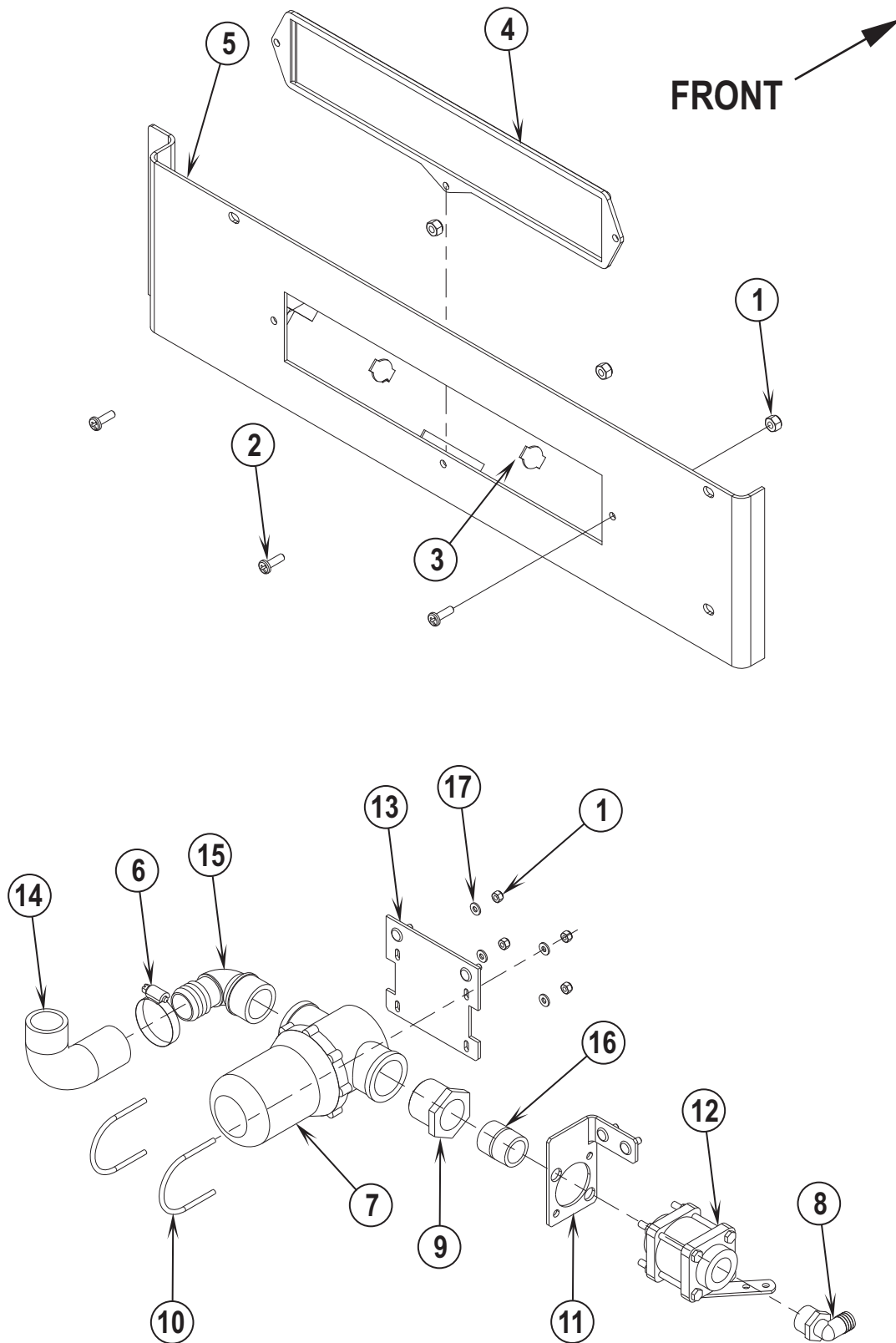
NOTE: All quantities are for ONE side broom assembly only. There are two side broom assemblies.

NOTE 2: These side broom assembly part numbers do not include the motor. Hydraulic motor must be ordered separately, see Hydraulic System Parts List.



04-8	SOLUTION SYSTEM			
05-2	Haram Captor™ CR 1400			47

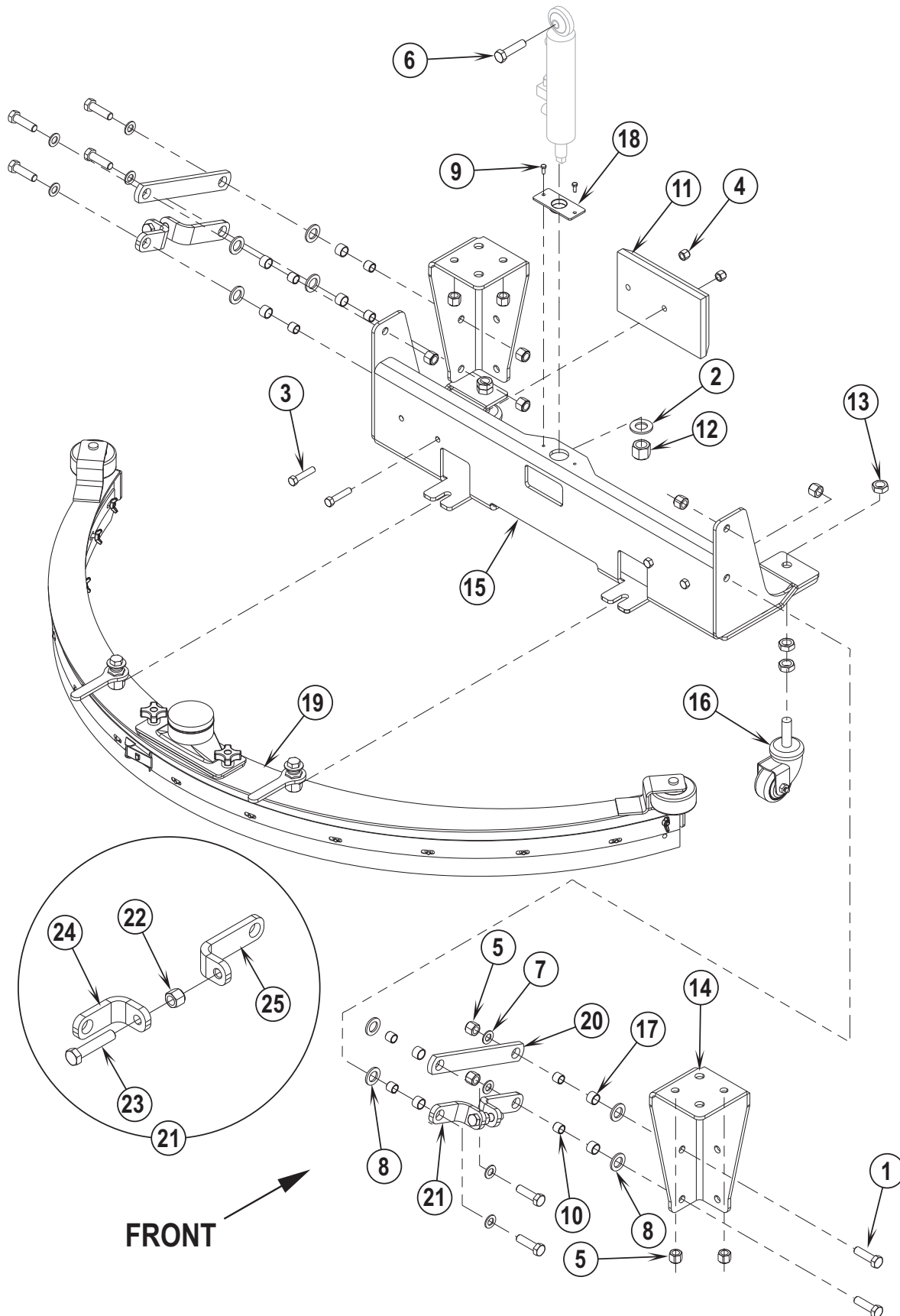
Item	Ref. No.	Qty	Description
1	56001834	2	Scr, Hex Hd 5/16-18 x 1.25
2	56001987	2	Nut, Hex Machine 10-32
3	56001993	1	Scr, Pan Phil 10-24 x .50
4	56002145	7	Scr, Pan Phil 1/4-20 x .50
5	56002491	14	Nut, Hex Nyl Loc SS 1/4-20
6	56002667	1	Scr, Hex Hd 5/16-18 x .75
7	56002849	1	Nut, Hex Nyl Loc-Thin SS 10-24
8	56002873	2	Nut, Hex Nyl Loc 10-32
9	56002900	1	Scr, Pan Phil SS 10-24 x .50
10	56002914	3	Wsh, Flt Std SS 1/4
11	56003047	2	Scr, Hex Hd SS 1/4-20 x .62
12	56003074	2	Scr, Flt Phil SS 1/4-20 x 1.00
13	56009018	2	Scr, Hex Thd Form 1/4-20 x .75
14	56009122	3	Wsh, Flt .344 x .938 x .125
15	56172017	1	Clamp, P
16	56244969	6	Clamp, Hose SAE #12
17	56260098	1	Plug, T-Handle
18	56261378	1	Cork Strap
19	56323260	2	Clamp, Hose Support
20	56329145	3	Clamp, Hose SAE #24
21	56330391	1	Wire Rope, 12 Inch
22	56407282	1	Gasket
23	56412309	1	Water Level Gauge
24	56418471	1	Door Latch
25	56459433	1	Sleeve, Hose End
26	56488290	2	Rod End
27	56488292	1	Cable
28	56307179	1	Modified Tube Assy
29	56304272	1	Solution Filter Assy
30	56304681	1	Bracket, Cable
31	56304834	1	Tank, Solution (75 Gal.)
32	56305032	1	Switch, Pressure
33	56305103	2	Solenoid Valve Assy
34	56305195	1	Bracket, Sol. Drain
35	56305205	1	Tube Assy
36	56307058	1	Latch Weldment
37	56305209	1	Cover, Solution Tank
38	56305226	1	Tab, Door
39	56305227	1	Cover
40	56305243	1	Rear Panel Assembly
41	56305762	3	Hose, Spiral .75 x 6"
42	56305602	1	Hose, Flex Drain
43	56305761	1	Tee, Barb 3/4 x 3/4 x 3/4



04-8	SOLUTION SYSTEM SUB-ASSEMBLIES		
	Haram Captor™ CR 1400		49

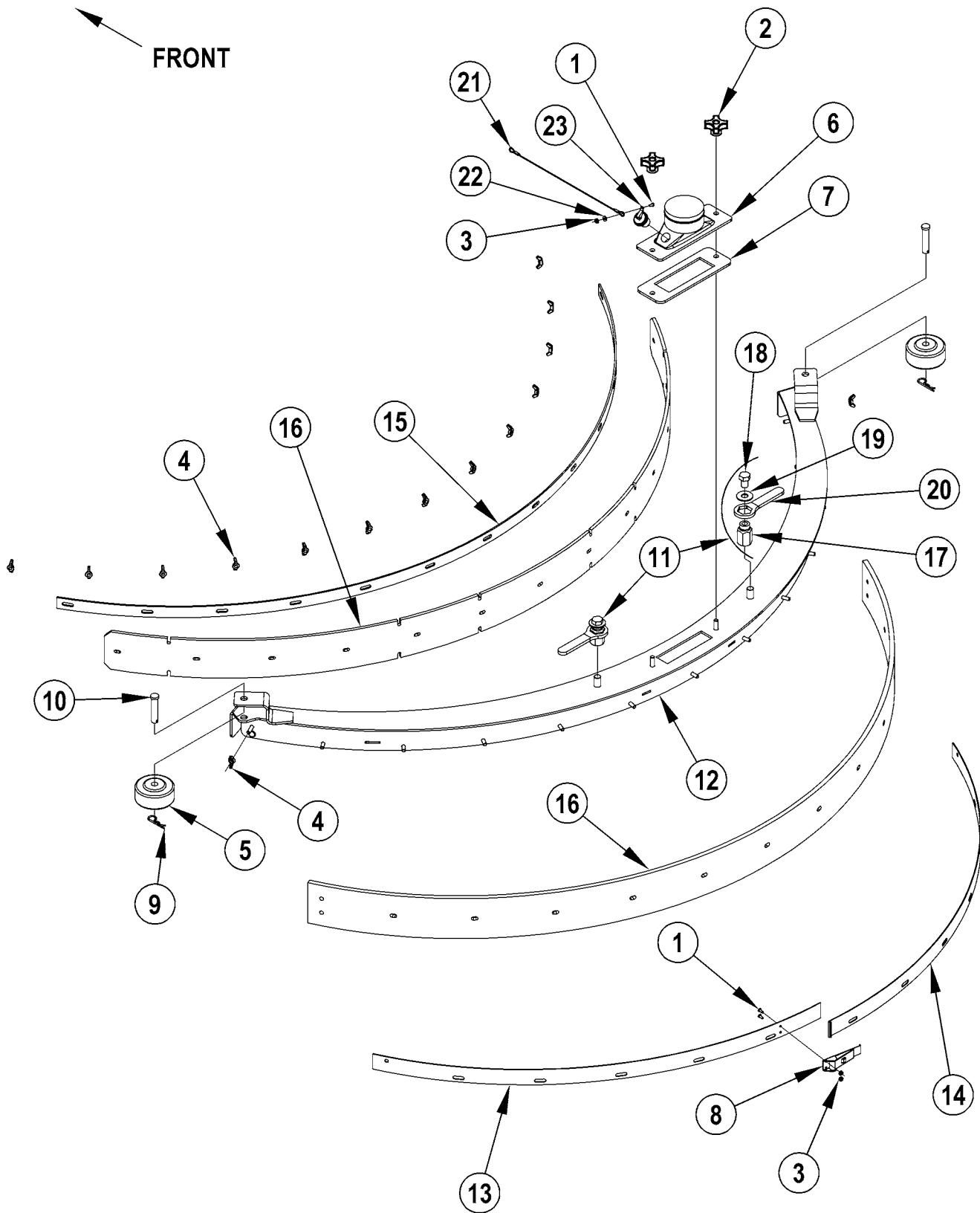
Item	Ref. No.	Qty	Description
	56305243	1	Rear Panel Assy (1-5)
	56304272	1	Solution Filter Assy (1 & 6-17)
1	56002768	7	Nut, Hex Nyl Loc 10-24
2	56009100	3	Scr, Pan Phil Thd Form-Blk 10-24 x .62
3	56016097	1	Decal, Reflective
4	56416418	1	Lens, Printed
5	56304706	1	Door Wldmt, Rear
6	56329145	1	Clamp, Hose SAE #24
7	56456241	1	Strainer, In-Line
*	56455838	1	Nylon Strainer Bowl
8	56456802	1	Barb, 90 Elbow 11/16 X 3/4NPT
9	56459825	1	Bushing, Reducer
10	56459830	2	U-Bolt
11	56304260	1	Bracket
12	56304275	1	Valve Assy
13	56305114	1	Bracket, Filter
14	56305319	1	Hose, Radiator
15	56900913	1	Barb, Elbow Male
16	56900914	1	Nipple, Close PVC
17	56001954	4	Wsh, Flt SAE #10

* = Not Shown



04-8	SQUEEGEE SYSTEM			
05-8	Haram Captor™ CR 1400			51

Item	Ref. No.	Qty	Description
1	56001995	8	Scr, Hex Hd 1/2-13 x 1.75
2	56002141	1	Wsh, Flt SAE 3/4
3	56002684	4	Scr, Hex Hd 3/8-16 x 1.75
4	56002769	4	Nut, Hex Nyl Loc 3/8-16
5	56002770	12	Nut, Hex Nyl Loc 1/2-13
6	56002983	1	Scr, Hex Hd 1/2-13 x 2.00
7	56009017	8	Wsh, Flt Harden .516 x .938 x .75
8	56009022	8	Wsh, Flt .754 x 1.250 x .120
9	56009039	2	Scr, Hex Thd Form 10-24 x .50
10	56367206	8	Bushing
11	56453907	2	Weight Casting
12	56003212	1	Nut, Hex Nyl Loc SS 3/4-10
13	56003272	6	Nut, Hex Jam SS 5/8-11
14	56304157	2	Bracket Deck Tower Mount
15	56304172	1	Squeegee Mount Weld.
16	56304266	2	Wheel, Caster
17	56304586	8	Bearing .750 X .625 X .500
18	56304590	1	Plate, Guide
19	56307216	1	Squeegee Assy
20	56305467	2	Arm Parallel 7.5in
21	56305610	2	Arm, Adjustable Assy (22-25)
22	56002773	2	Nut, Hex Nyl Loc 1/2-20
23	56003672	2	Scr, Hex Thd To Hd 1/2-20 x 2.50 GRD 8
24	56305608	2	Arm, Adjustable
25	56305609	2	Arm, Adjustable Threaded

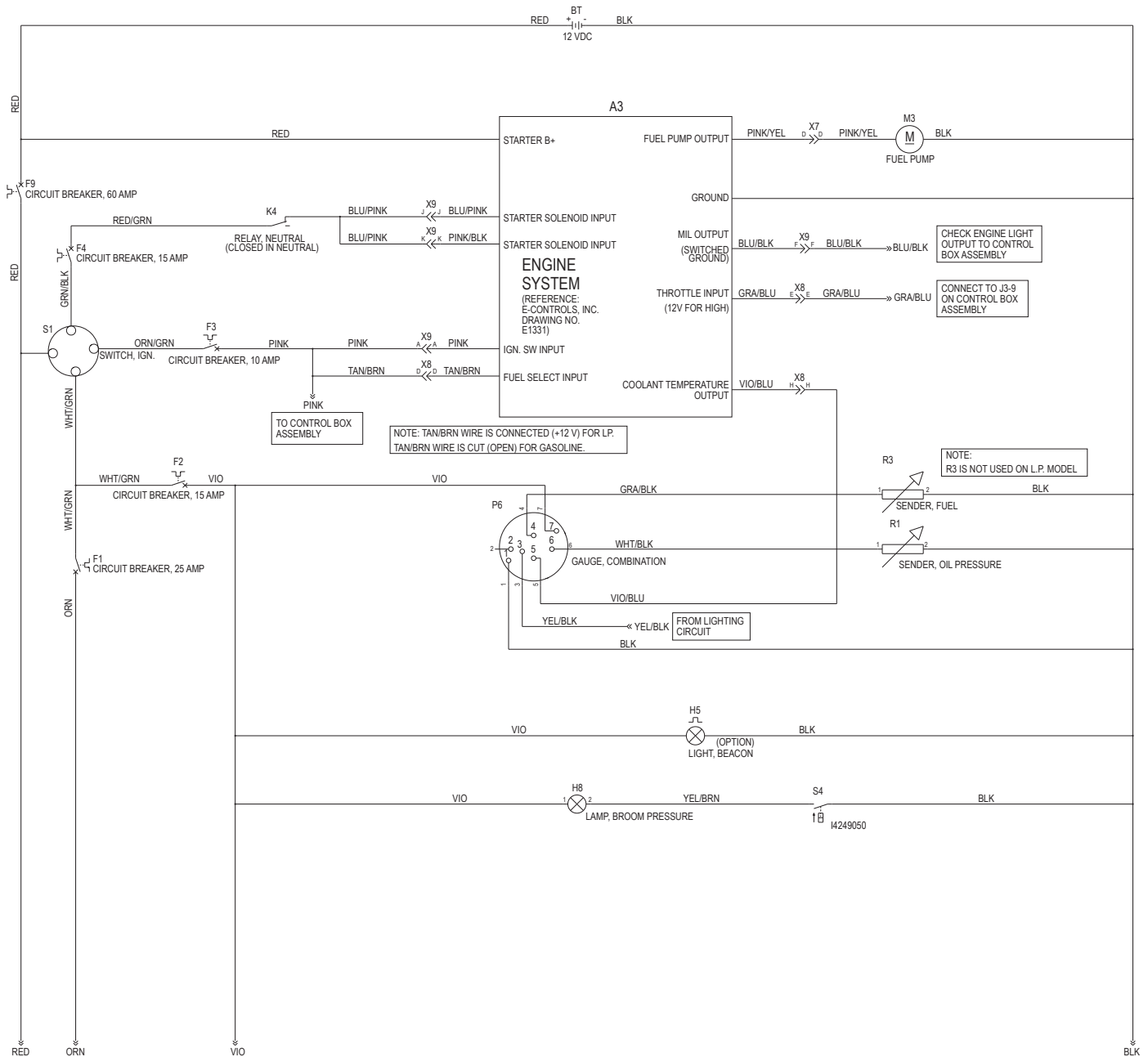


04-8	SQUEEGEE ASSEMBLY			
08-5	Haram Captor™ CR 1400			53

Item	Ref. No.	Qty	Description
	56307216	1	Squeegee Assy
1	56002909	3	Scr, Pan Phil SS 6-32 x .38
2	56407510	2	Knob, 5/16-18 Nyloc
3	56002964	3	Nut, Hex Nyl Loc-Thin SS 6-32
4	56009048	15	Nut, Wing Loc 1/4-20
5	56386127	2	Wheel 3.00 x 1.25
6	56307215	1	Adapter, Squeegee
7	56459281	1	Gasket, Inlet
8	56471194	1	Latch Assembly
9	56003120	2	Pin, Cotter Hair .0915 x .375
10	56003620	2	Clevis Pin
11	56305616	2	Crank Assy (17-20)
12	56305118	1	54 In. Squeegee Weld.
13	56305123	1	Strap, Rear Left Blade
14	56305124	1	Strap, Rear Right Blade
15	56305125	1	Strap, Front Blade
16	56305696	1	Blade Kit, Squeegee Linatex NOTE #1
17	56305615	2	Crank Hex
18	56003032	2	Scr, Hex Hd Loc 1/2-13 x .75
19	56002024	2	Wsh, Flt STD 7/16
20	56305614	2	Crank Handle
21	56330391	1	Wire Rope, 12 Inch
22	56003054	1	Wsh, Flt SAE SS #6
23	56054583	1	Plug, Expansion
**	56305694	1	Blade Kit, Squeegee Neoprene NOTE #1
**	56307186	1	Blade Kit, Squeegee Polyurethane NOTE #1

** = Optional

NOTE #1 All squeegee blade kits include both front and rear squeegee blades.



04-8	WIRING DIAGRAM-1 (model 56307000)		
08-7	Haram Captor™ CR 1400		55

Item	Ref. No.	Qty	Description
A3		1	Engine System
BT#	56441511	1	Battery
F1	56469788	1	Circuit Breaker, 25 Amp (ACC 1)
F2	56454538	1	Circuit Breaker, 15 Amp (ACC 2)
F3	56387316	1	Circuit Breaker, 10 Amp (IGN)
F4	56454538	1	Circuit Breaker, 15 Amp (ST)
F9	56263260	1	Circuit Breaker, 60 Amp (MAIN)
H8	56305660	1	Lamp, Broom Pressure
K4	56418387	1	Relay, Neutral (closed in neutral)
M3	56305062	1	Fuel Pump
P6	56304569	1	Gauge, Combination
R1	56305619	1	Sender, Oil Pressure
R3	56455567	1	Sender, Fuel
S1	56418685	1	Switch, Ignition
*	56419123	1	Replacement Key
S4	56305618	1	Switch, Broom Pressure

* = Not Shown

= Revised or new since last update

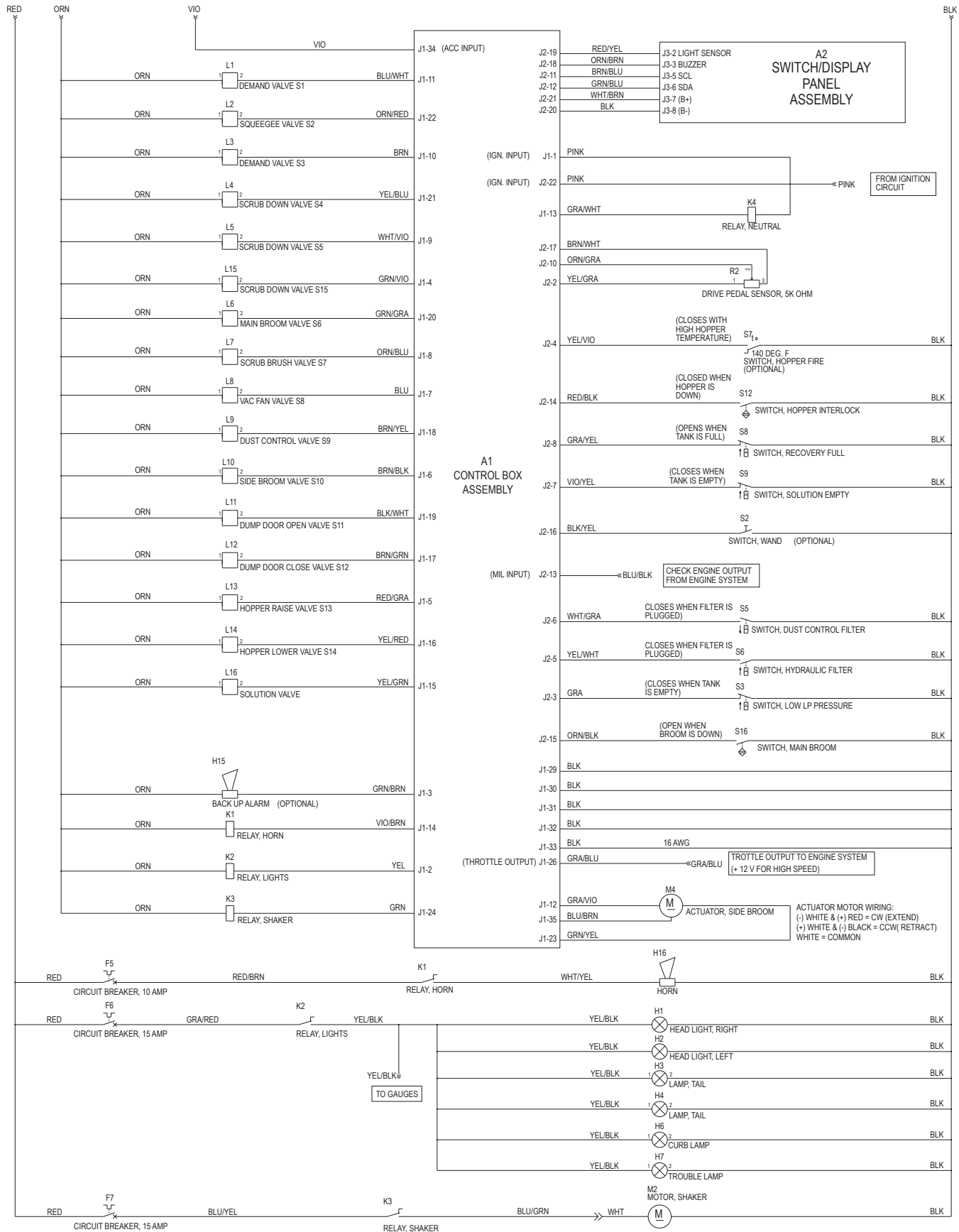
WIRING DIAGRAM-2 (model 56307000)

04-8

56

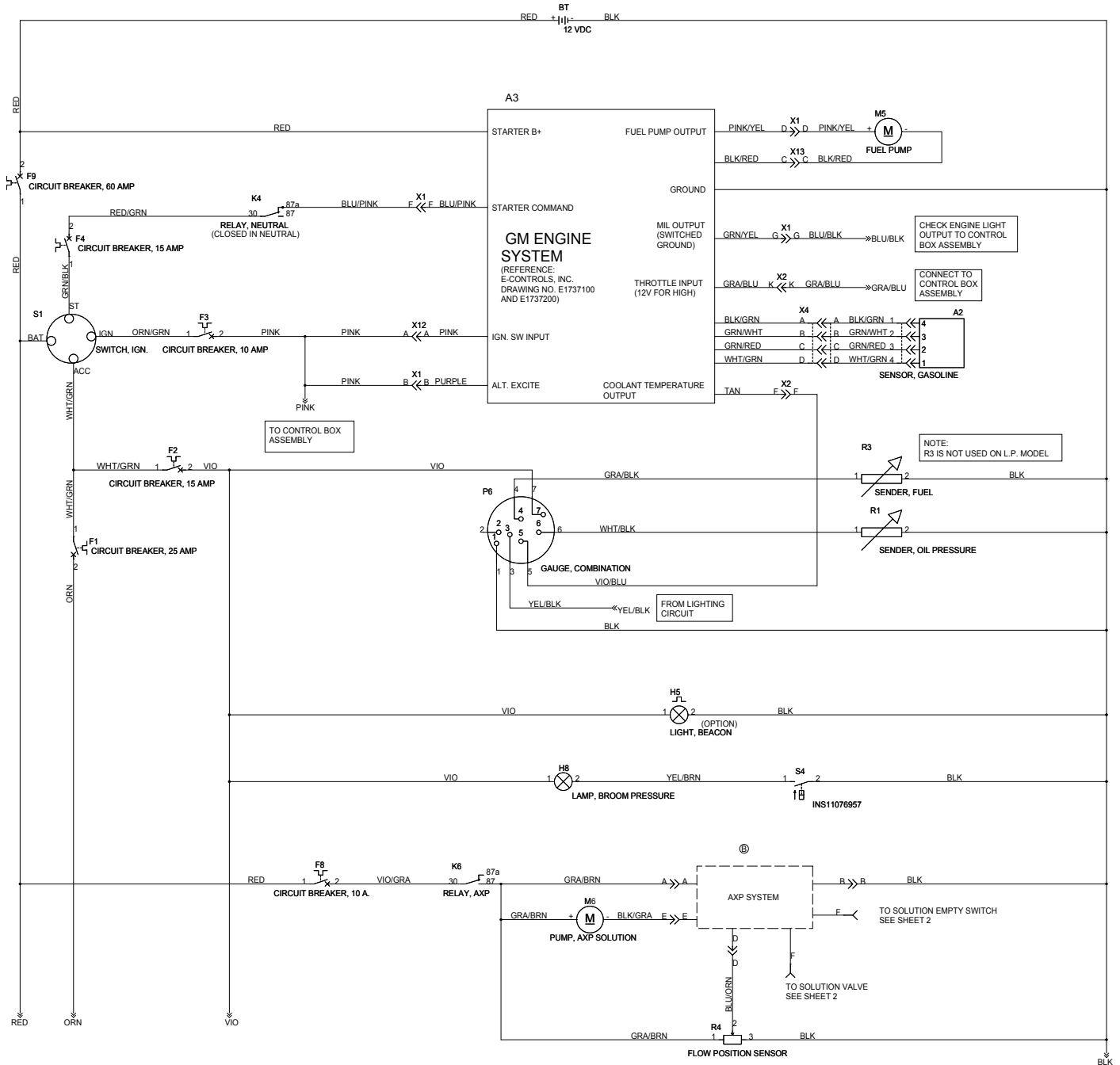
Haram Captor™ CR 1400

07-11



04-8	WIRING DIAGRAM-2 (model 56307000)			
08-5	Haram Captor™ CR 1400			57

Item	Ref. No.	Qty	Description
A1	56305288	1	Control Box Assembly
A2	56305229	1	Panel Assy
F5	56387316	1	Circuit Breaker, 10 Amp (HORN)
F6	56454538	1	Circuit Breaker, 15 Amp (HEADLIGHTS)
F7	56454538	1	Circuit Breaker, 15 Amp (SHAKER)
H1	56304768	1	Headlight, Right
	56304783	A/R	Bulb, Light (for 56304768)
H2	56304768	1	Headlight, Left
	56304783	A/R	Bulb, Light (for 56304768)
H3	56305237	1	Lamp, Tail
H4	56305237	1	Lamp, Tail
H5	56305482	1	Light, Beacon
H6	56304768	1	Lamp, Curb (optional)
	56304783	A/R	Bulb, Light (for 56304768)
H7	56305627	1	Lamp, Trouble (optional)
H15	56409232	1	Back-Up Alarm
H16	56442054	1	Horn
K1	56418387	1	Relay, Horn
K2	56418387	1	Relay, Lights
K3	56418387	1	Relay, Shaker
K4	56418387	1	Relay, Neutral (closed in neutral)
L1	NA	1	Demand Valve, S1
L2	NA	1	Squeegee Valve, S2
L3	NA	1	Demand Valve, S3
L4	NA	1	Scrub Down Valve, S4
L5	NA	1	Scrub Down Valve, S5
L6	NA	1	Main Broom Valve, S6
L7	NA	1	Scrub Brush Valve, S7
L8	NA	1	Vac Fan Valve, S8
L9	NA	1	Dust Control Valve, S9
L10	NA	1	Side Broom Valve, S10
L11	NA	1	Dump Door Open Valve, S11
L12	NA	1	Dump Door Close Valve, S12
L13	NA	1	Hopper Raise Valve, S13
L14	NA	1	Hopper Lower Valve, S14
L15	NA	1	Scrub Down Valve, S15
L16	56305103	1	Solution Valve
M2	56508664	1	Shaker Motor
M4	56305008	1	Actuator, Side Broom
R2	56305129	1	Drive Pedal Sensor
S2	56209321	1	Switch, Wand (optional)
S5	56305518	1	Switch, Dust Control Filter (optional)
S6	56418994	1	Switch, Hydraulic Filter
S7	56418405	1	Switch, Hopper Fire (optional)
S8	56305977	1	Switch, Recovery Full TSBUS2005-875
S9	56305032	1	Switch, Solution Empty
S12	56305053	1	Switch, Hopper Interlock
S16	56305053	1	Switch, Main Broom



04-8	WIRING DIAGRAM-1 (model 56307001)		
08-7	Haram Captor™ CR 1400		59

Item	Ref. No.	Qty	Description
A3		1	Engine System
BT#	56441511	1	Battery
F1	56469788	1	Circuit Breaker, 25 Amp (ACC 1)
F2	56454538	1	Circuit Breaker, 15 Amp (ACC 2)
F3	56387316	1	Circuit Breaker, 10 Amp (IGN)
F4	56454538	1	Circuit Breaker, 15 Amp (ST)
F8	56387316	1	Circuit Breaker, 10A (AXP / EDS)
F9	56263260	1	Circuit Breaker, 60 Amp (MAIN)
H8	56305660	1	Lamp, Broom Pressure
K4	56418387	1	Relay, Neutral (closed in neutral)
K6	56418387	1	Relay, SPDT (AXP / EDS)
M5	56305062	1	Fuel Pump
M6	56306140	1	Pump Assy, 12VDC (AXP / EDS)
P6	56304569	1	Gauge, Combination
R1	56305619	1	Sender, Oil Pressure
R3	56455567	1	Sender, Fuel
R4	56303313	1	Flow Position Sensor (AXP / EDS)
S1	56418685	1	Switch, Ignition
*	56419123	1	Replacement Key
S4	56305618	1	Switch, Broom Pressure

* = Not Shown

= Revised or new since last update

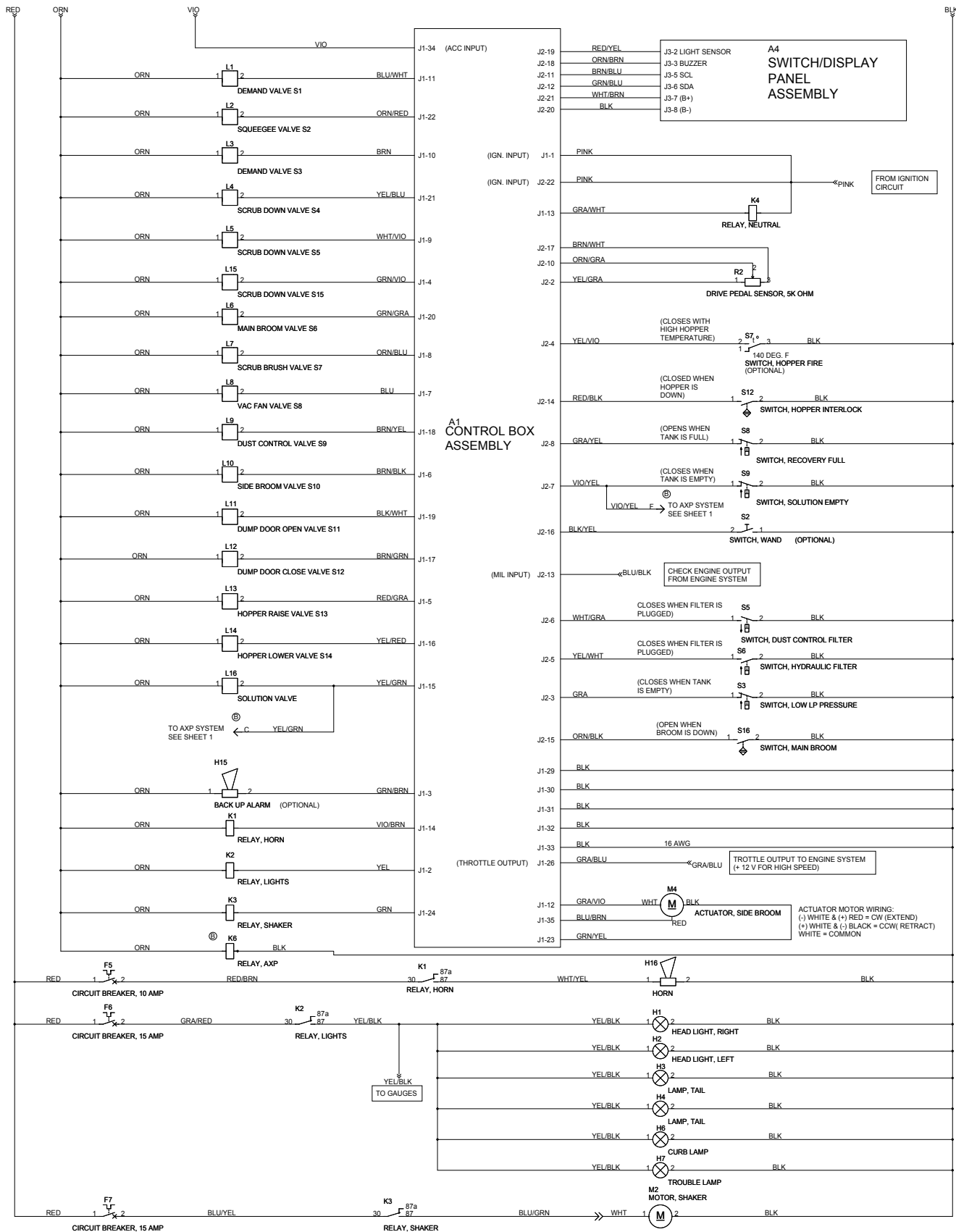
WIRING DIAGRAM-2

Haram Captor™ CR 1400

04-8

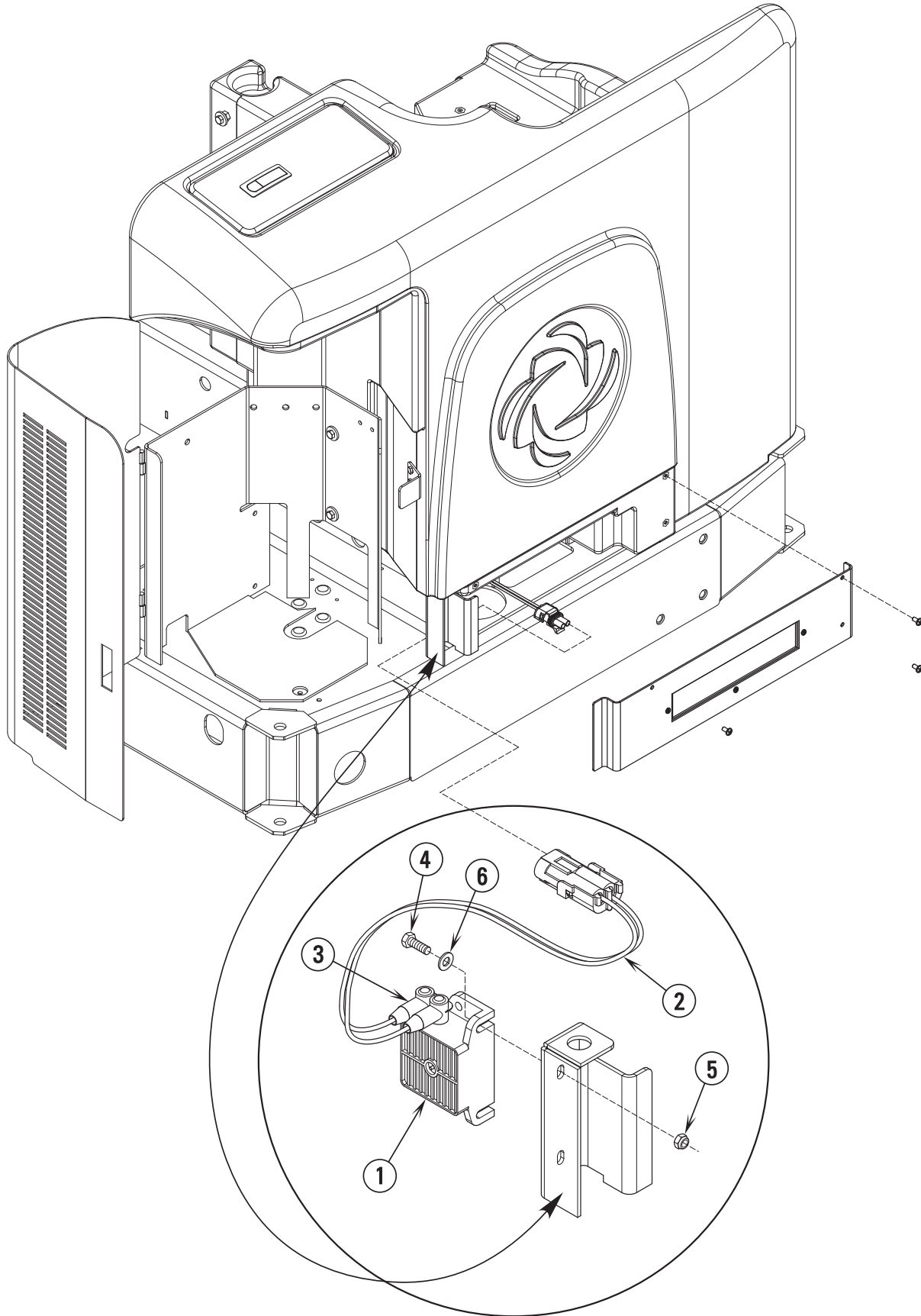
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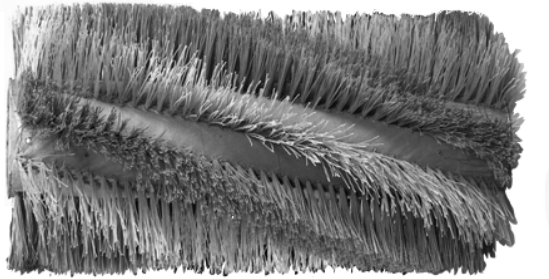
04-8	WIRING DIAGRAM-2			
08-5	Haram Captor™ CR 1400			61

Item	Ref. No.	Qty	Description
A1	56305288	1	Control Box Assembly
A2	56305229	1	Panel Assy
F5	56387316	1	Circuit Breaker, 10 Amp (HORN)
F6	56454538	1	Circuit Breaker, 15 Amp (HEADLIGHTS)
F7	56454538	1	Circuit Breaker, 15 Amp (SHAKER)
H1	56304768	1	Headlight, Right
	56304783	A/R	Bulb, Light (for 56304768)
H2	56304768	1	Headlight, Left
	56304783	A/R	Bulb, Light (for 56304768)
H3	56305237	1	Lamp, Tail
H4	56305237	1	Lamp, Tail
H5	56305482	1	Light, Beacon (optional)
H6	56304768	1	Lamp, Curb (optional)
	56304783	A/R	Bulb, Light (for 56304768)
H7	56305627	1	Lamp, Trouble (optional)
H15	56409232	1	Back-Up Alarm (optional)
H16	56442054	1	Horn
K1	56418387	1	Relay, Horn
K2	56418387	1	Relay, Lights
K3	56418387	1	Relay, Shaker
K4	56418387	1	Relay, Neutral (closed in neutral)
L1	NA	1	Demand Valve, S1
L2	NA	1	Squeegee Valve, S2
L3	NA	1	Demand Valve, S3
L4	NA	1	Scrub Down Valve, S4
L5	NA	1	Scrub Down Valve, S5
L6	NA	1	Main Broom Valve, S6
L7	NA	1	Scrub Brush Valve, S7
L8	NA	1	Vac Fan Valve, S8
L9	NA	1	Dust Control Valve, S9
L10	NA	1	Side Broom Valve, S10
L11	NA	1	Dump Door Open Valve, S11
L12	NA	1	Dump Door Close Valve, S12
L13	NA	1	Hopper Raise Valve, S13
L14	NA	1	Hopper Lower Valve, S14
L15	NA	1	Scrub Down Valve, S15
L16	56305103	1	Solution Valve
M2	56508664	1	Shaker Motor
M4	56305008	1	Actuator, Side Broom
R2	56305129	1	Drive Pedal Sensor
S2	56209321	1	Switch, Wand (optional)
S3	56418381	1	Switch, Low LP Pressure
S5	56305518	1	Switch, Dust Control Filter (optional)
S6	56418994	1	Switch, Hydraulic Filter
S7	56418405	1	Switch, Hopper Fire (optional)
S8	56305977	1	Switch, Recovery Full
S9	56305032	1	Switch, Solution Empty
S12	56305053	1	Switch, Hopper Interlock
S16	56305053	1	Switch, Main Broom



04-8	BACKUP ALARM			
06-10	Haram Captor™ CR 1400			63

Item	Ref. No.	Qty	Description
	56305519		Backup Alarm Kit (Standard)
	56040800	1	Instruction Sheet
1	56409232	1	Backup Alarm
2	56409495	1	Wire Assembly, Pigtail
3	56409538	2	Terminal Insulator
4	56002155	2	Scr, Hex 1/4-20 x .75
5	56002708	2	Nut, Hex Nyl Loc 1/4-20
6	56002098	2	Wsh, Flt 1/4

**Main Broom: PN56505955 Proex & Wire (STD.) (8 Double Rows)**

This broom has a more aggressive cleaning action, used to pick up heavier debris.

PN56505956 Prolene (Optional) (8 D-Rows)

A top quality synthetic fiber. This filament is made for a wide variety of applications. Retains its stiffness when wet and resists abrasive chemicals, solvents and oils. A general purpose material offering high performance for a wide range of applications.

PN56505953 Nylon (Optional) (8 D-Rows)

General purpose broom that can be used for all types of light soil. High wear material so uneven surfaces do not cause excessive wear. Nylon has a high heat deflection temperature, is chemical resistant and will absorb water in wet conditions. Truly a general purpose broom.

PN56505952 Proex (Optional) (12 Double Rows)**PN56505954 Proex (Optional) (8 Double Rows)**

Synthetic fiber made of polypropylene designed to pick up paper, gravel, sand and other lighter less bulky litter.

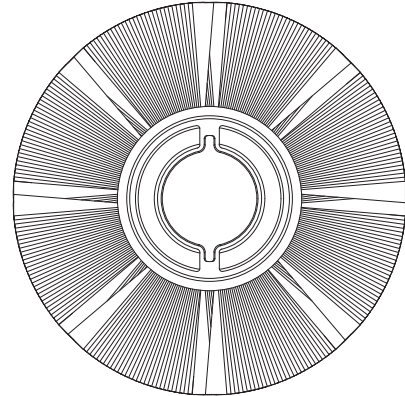
PN56505951 Poly/Wire (Optional) (8 Double Rows)**Side Broom: PN56462252 Polypropylene (STD.)**

The side broom function is to sweep the dirt and debris away from the curb, wall, pallet, etc. into the path of the main broom.

8 Double Row

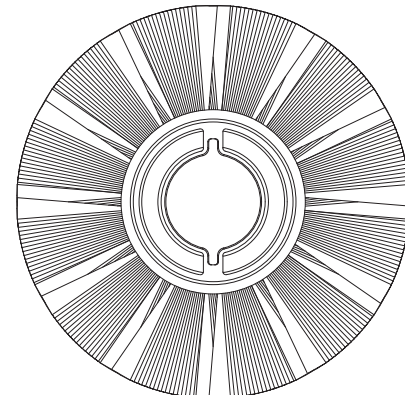
Length.....40" (101.6 cm)

Diameter.....14" (35.56 cm)

**12 Double Row**

Length.....40" (101.6 cm)

Diameter.....14" (35.56 cm)



Diameter.....20" (50.8 cm)

04-8	BRUSH SELECTOR GUIDE			
06-10	Haram Captor™ CR 1400			65

We provide brushes and pad holders that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications when used on the CR .

Union Mix:	Medium grade natural fibers for polishing finished floors with standard-speed equipment. Recommended for use in place of white pads.
ProLite:	Bristles are made from light-duty polypropylene for general scrubbing when you do not want to scratch or remove finish from the floor. Recommended for use in place of red pads.
Prolene:	Polypropylene material for medium-duty scrubbing on concrete, terrazzo and vinyl floor tile. Recommended for use in place of green or blue pads.
Magna Grit:	For extreme heavy-duty scrubbing or stripping of floors. This brush has extra large diameter silicon carbide grit impregnated synthetic bristles. Recommended for use in place of black pads.
Dyna Grit:	For aggressive, heavy-duty scrubbing or stripping of floors. Recommended for use in place of brown pads.
MidLite Grit:	For general purpose scrubbing of sealed or unsealed concrete, stone, terrazzo, quarry tile and other resilient hard floor surfaces. Recommended for use in place of green or blue pads.
MidGrit:	For general purpose scrubbing when you need a lighter action for sealed or unsealed concrete, stone, terrazzo, quarry tile and other resilient hard floor surfaces. Recommended for use in place of green or blue pads.
AgLite Grit:	For light scrubbing when used wet; buffing or polishing when used dry on urethane coated, sealed concrete or other resilient hard surface floors. Recommended for use in place of red or white pads.
Short Trim Pad Holder:	Made with a structural foam block and center ring for correct pad centering. It has a "shower feed" design for getting solution to the floor.

54" BRUSHES

56505806 - Union Mix
 56505804 - Prolene
 56505802 - Dyna Grit
 56505807 - MidGrit
 56505800 - Short Trim Pad Holder
 56505195 - Pad Retainer for 56505800
 56505805 - ProLite
 56505801 - Magna Grit
 56505808 - MidLite Grit (std)
 56505803 - AgLite Grit

DISC BRUSH APPLICATION GUIDE (SUGGESTION ONLY)

Application	46 Grit	80 Grit	180 Grit	240 Grit	500 Grit	Prolene	ProLite	Union Mix
Stripping:								
Concrete	X	X						
Terrazzo	X	X						
Ceramic/Quarry tile		X						
Vinyl tile		X						
General Scrubbing:								
Concrete	X	X	X	X		X		
Terrazzo			X	X	X	X		
Ceramic/Quarry tile			X	X	X	X		
Marble					X		X	
Vinyl tile			X		X	X		
Raised-rubber tile					X		X	
Polishing:								
Raised Disc Tile								X
Marble								X
Vinyl tile								X

