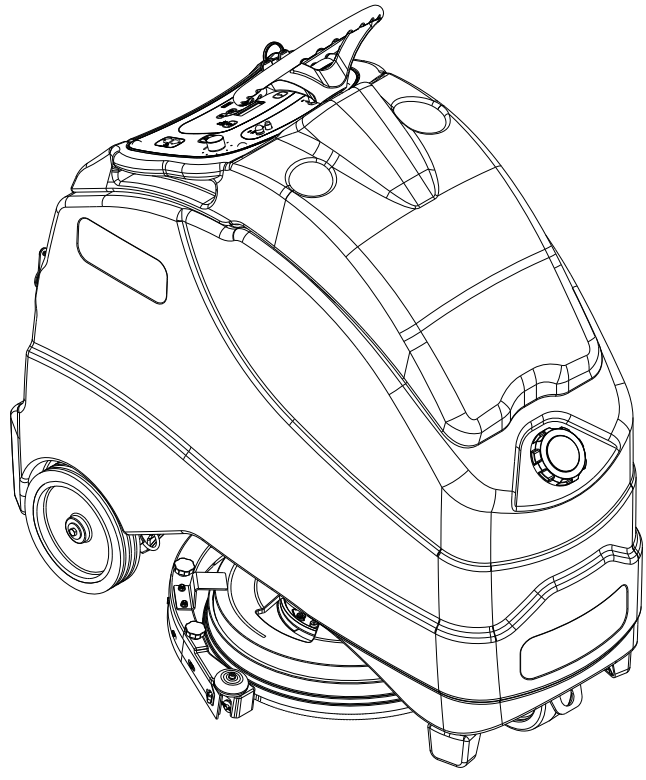
SC1500



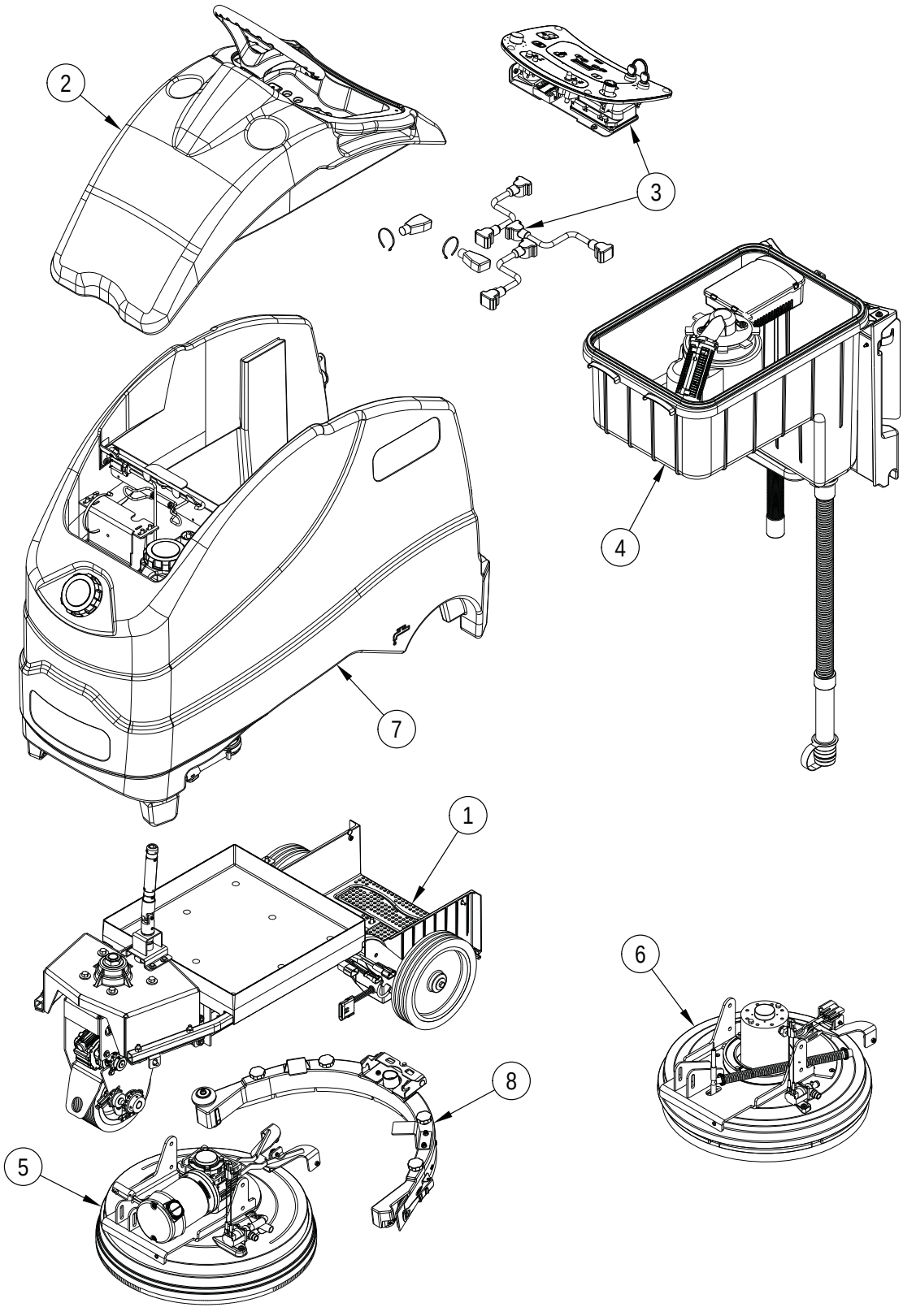
PARTS LIST

Advance MODELS 56104000, 56104001

Advance

11/12 revised 6/13 FORM NO. 56042591

GENERAL VIEW



Item	Ref. No.	Qty	Description
1		1	Chassis System
2		1	Control System
3		1	Electrical System
4		1	Recovery System
5		1	Scrub System-20D
6		1	Scrub System-REV
7		1	Solution System
8		1	Squeegee Assy

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WHEN ORDERING PARTS

* Use the part numbers from the “Ref. No.” columns in this parts list. If the “Ref. No.” column is blank; look under the “Kit” column to identify which kit contains the part in question, then use the kit callout, for example “K1”, to find the “Ref. No.” for that kit.

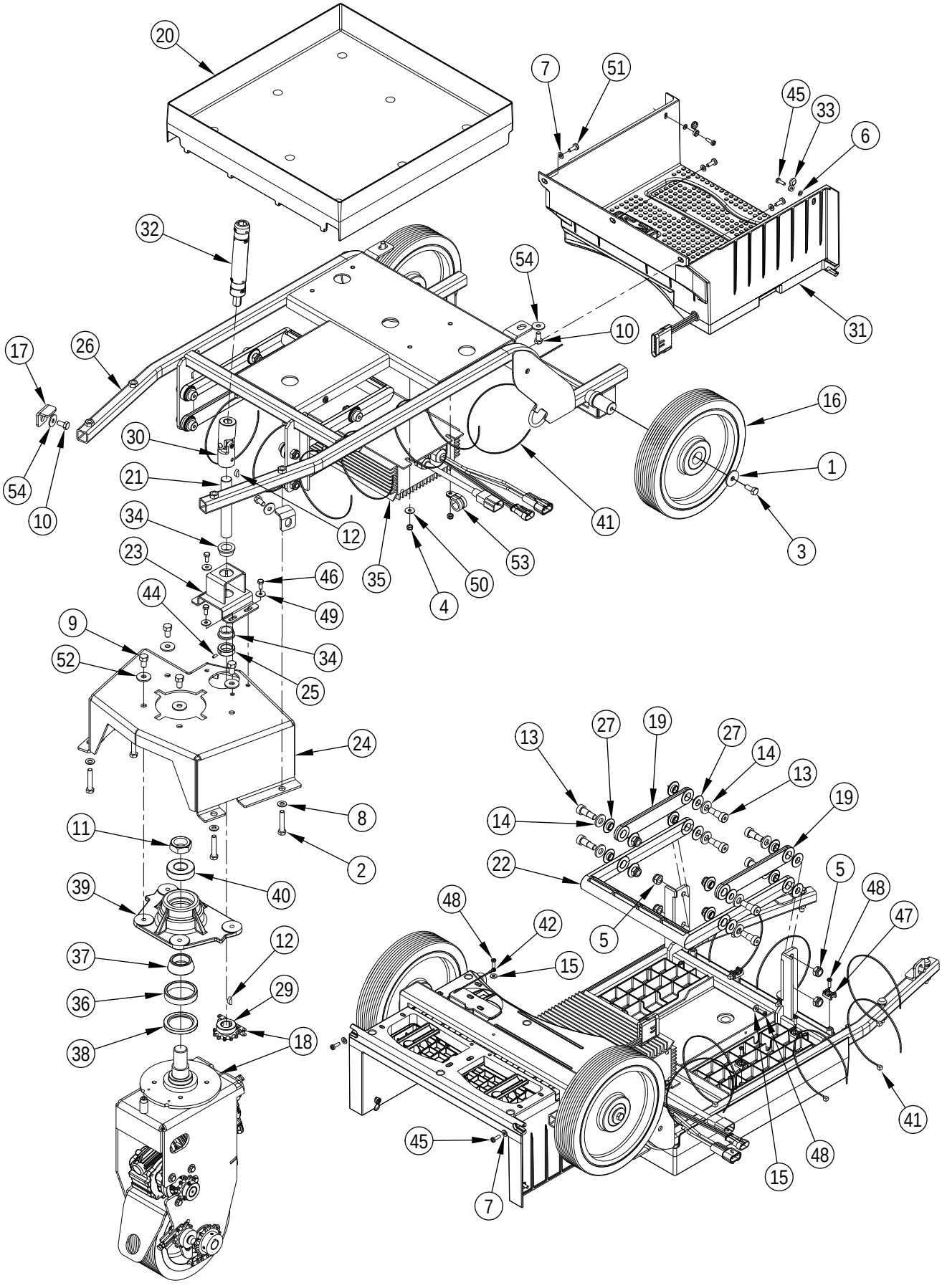
* Specify the model and serial number of the machine.

* Use the space below to record the model and serial number for future reference.

Kit	Item	Ref. No.	Qty	Description
K1	1		16	Washer Flat 3/16 Zinc Plat
K1	2		2	Screw-BHS-Brass-10-32x3/8-MS
K1	3		3	Washer EPDM 7/32 X 1/8
	4	805	1	Chain-Cover
	5	905	2	Caster Swivel 4 Gray Non MA
K1	6		2	Nut, Hex Nyl Loc 10-24
K1	7		3	Scr- Hex SS 1/4-20 X .75
K1	8		16	Scr, Hex Hd Loc 1/4-20 x .50
K1	9		3	Wsh, Flt SS .260 X 1.000 X .074
	10	56113012	1	Solution Tank
	11	56113034	2	Hinge Plate
	K1	56113103	1	Kit-Hardware Solution Tank

Model _____ Serial No. _____

CHASSIS SYSTEM



CHASSIS SYSTEM

Kit	Item	Ref. No.	Qty	Description
K2,K4	1		2	Washer, Flat Xl 9X32
K4	2		4	Screw, Hex Hd M8x45-
K2,K4	3		2	Screw, Hex Thd To Hd M8x20 Ss
K4	4		4	Nut, Hex Nyl Loc Thin M6
K4	5		8	Nut, Hex Nyl Loc Thin M10
K4	6		2	Washer, Flat 5,3X10
K4	7#		5	Washer, Flat 6,4X12,5
K4	8#		4	Washer, Flat 8.4X16X1.6
K4	9		4	Scr-Hex Hd Loc 3/8-16x.62
K4	10		4	Scr-Hex M8-1.25 X 16MM
K3	11		1	Nut, Hex Nyl Loc-Thin 1-14
K4	12		2	Key-Wdf 5MMX6.5MMX16MM
K4	13		8	Scr-Soc Shd M12x16mmx M10-1.50
K4	14		8	Wsh-Flt 12mm
K4	15		2	Wsh, Int Shprf #10
K2	16		2	Wheel
	17	56104091	2	Mounting Tab
	18#		1	Drive Wheel Assembly
	19	56104094	2	Bar Linkage
	20	56104105	1	Battery Tray
	21	56104130	1	Steering Shaft
	22	56104135	1	Link Bar
	23	56104148	1	Steering Shaft Weldt
	24	56104151	1	Spindle Mount Weldment
	25	56104157	1	Collar
	26	56104170	1	Chassis Weldment
K4	27		16	Bushing Link Arm
	[28]	56104239	1	Harness-Drive Motor
	29	56104269	1	Sprocket-11 Tooth
K1	30		1	Universal Joint
	31#		1	Platform Assembly
	32	56104319	1	Tube-Steering Assembly
K4	33		2	Screw Cap
	34#	56104267	2	Bearing Flange
	35	56112544	1	Battery Charger 24V 25A (E2)
K3	36		1	Bearing Cup
K3	37		1	Bearing Cone
K3	38		1	Seal,Shaft
	39	56314032	1	Block, Bearing
K3	40		1	Bearing Ball
K4	41#		7	Tie, Cable
K4	42		1	Chain - Ball
K4	43#	DELETED		
K4	44#		1	Screw Grub M5x10 Uni5929
K4	45		4	Scr, Pan Phil M5x16
K4	46		3	Screw, Hex Thd To Hd M6x14
K4	47		5	Flat Tie Holder
K4	48#		7	Thread Rolling Scr 5X16
K4	49		3	Washer, Flat Xl
K4	50#		3	Washer, Flat Xl Ss
K4	51		3	Scr, Pan Phil M6x16
K4	52		4	Washer, Flat Xl 9.5X27X2.5
	53#	909 5516 000	1	Clamp 18
K4	54#		4	Washer Flat Xl Uni-6593 8x24

K1	56104328	1	Kit-Universal Joint
K2	56104331	1	Kit-Rear Wheel
K3	56104332	1	Kit-Bearing Block
K4	56104333	1	Kit-Chassis Hardware

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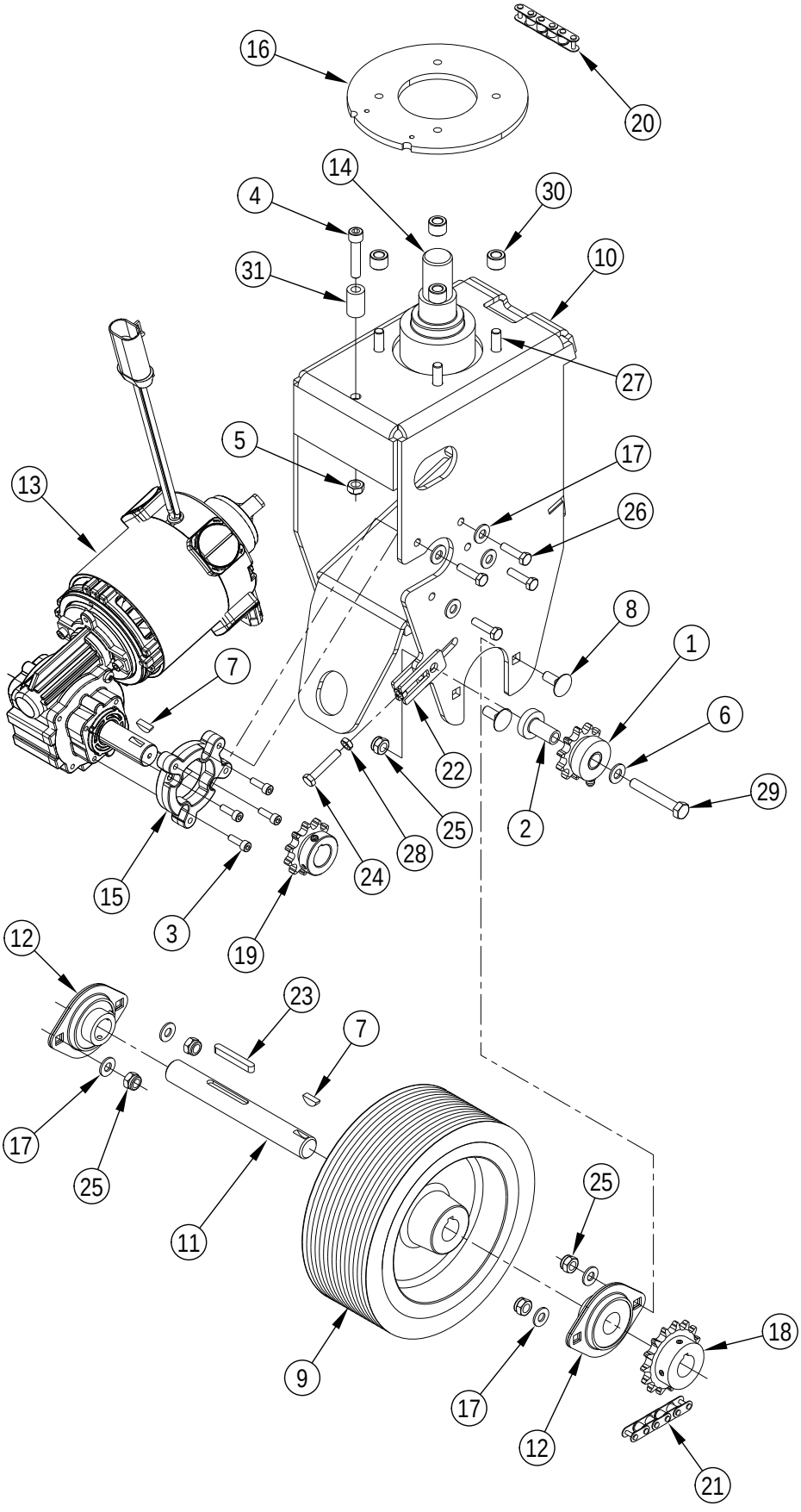
[ ] = Not Shown

DRIVE WHEEL ASSEMBLY



DRIVE WHEEL ASSEMBLY

Kit	Item	Ref. No.	Qty	Description
	#		1	Drive Wheel Assembly
K7	1		1	Sprocket Assy
K7,K8	2		1	Bushing, Flanged
K5,K8	3		4	Viti Tcei/Scr, Soc Hd
K8	4		1	Scr-Soc Hd 5/16-18 X 1.50
K8	5		1	Nut, Hex Nyl Loc-Thin 5/16-18
K7,K8	6		1	Wsh-Flt Sae Ss 5/16
K5,K6,K7	7		2	Key-Wdf 5mmx6.5mmx16mm
K6,K8,K9	8		4	Scr-Carriage Ss M8-1.25 X 20mm
K6	9		1	Drive Wheel
	10	56104058	1	Drive Wheel Frame Weldt
K6	11		1	Axle
K6,K9	12		2	Axle Bearing
K5	13		1	Drive Wheel Motor (M1)
	14	56104077	1	Spindle Weldt
K5	15		1	Spacer
	16	56104115	1	Steering Plate
K5,K6,K8, K9	17		8	Washer, Flat 8x17x1.6 Ss
K7	18		1	Sprocket-15 Tooth
K7	19		1	Sprocket-11 Tooth
	20	56104270	1	Chain-Roller
K7	21		1	Chain-Roller
K7	22		1	Weld't-Idler Adjust
K6	23		1	Key, 6mm Sq
K7,K8	24		1	Screw, Hex Thd To Hd M6x35 Ss
K6,K7,K8, K9	25		5	Nut, Hex Nyl Loc Thin M8 Ss
K5,K6,K8	26		4	Screw, Hex Thd To Hd M6x25 Ss
K8	27		4	Screw, Hex Thd To Hd M8x30 Ss
K7,K8	28#		1	Nut, Hex M6 SS
K7,K8	29		1	Screw, Hex Thd To Hd M8x55 Ss
K8	30		4	Spacer
K8	31		1	Spacer
	K5	56104336	1	Kit-Drive Wheel Motor
	K6	56104338	1	Kit-Wheel And Bearing
	K7	56104339	1	Kit-Sprocket And Chain
	K8	56104340	1	Kit-Drive Wheel Hardware
	K9	56104384	1	Kit-Front Wheel Bearings

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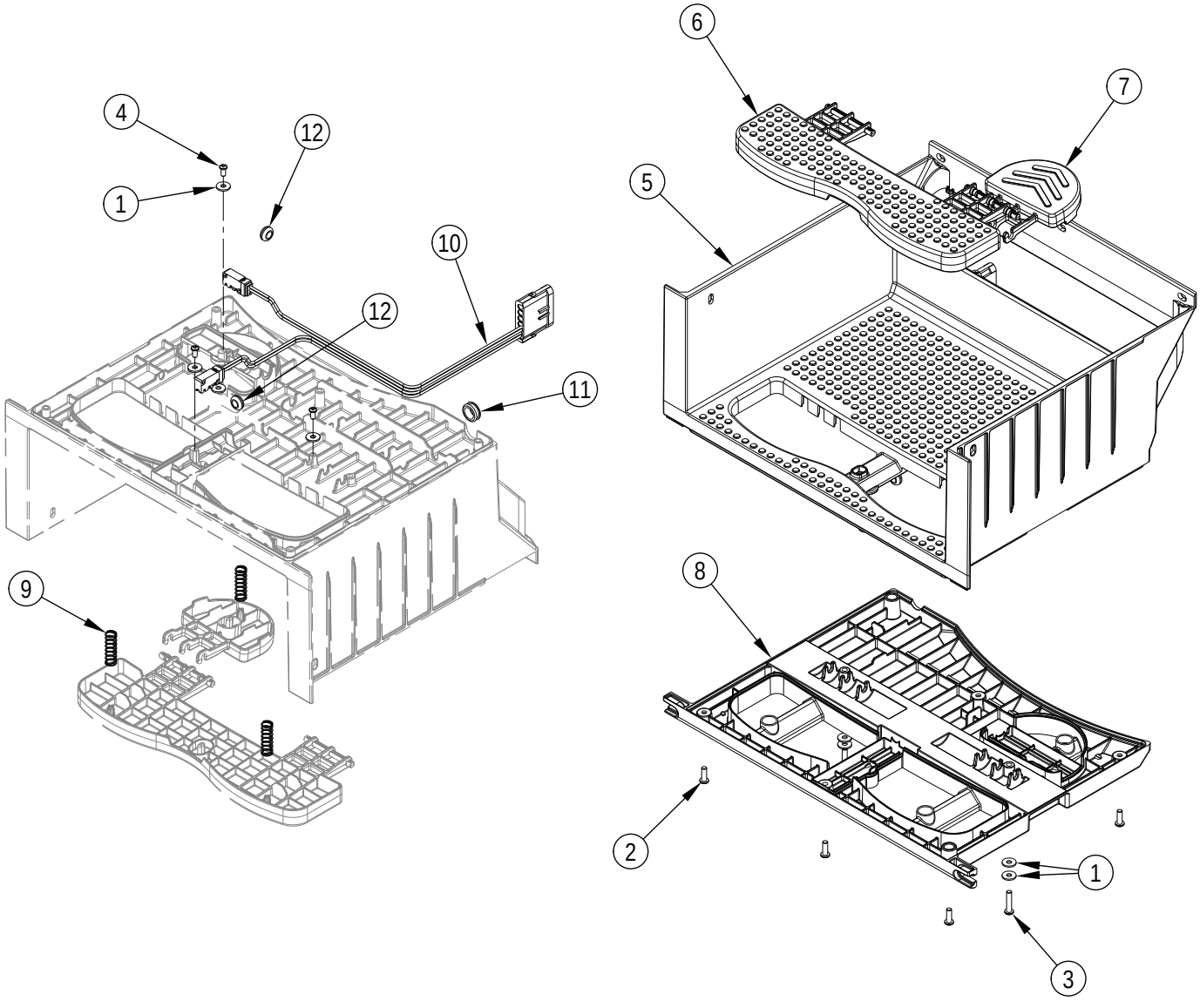
PLATFORM ASSEMBLY



PLATFORM ASSEMBLY

Kit	Item	Ref. No.	Qty	Description
	#		1	Platform Assembly
K1	1#		8	Washer
K1	2#		6	Scr Pan Phil Plastit10-14x.62
K1	3#		2	Scr Pan Phil Plastite 10-14x1
K1	4		4	Scr-Pan Phil Plast M5x2.3x10mm
	5	56104052	1	Platform-Upper
	6	56104185	1	Pedal-Safety
	7	56104186	1	Foot Pedal
	8	56104187	1	Platform-Bottom
	9	56104277	3	Compression Spring
	10	56104406	1	Switch Harness (S2, S5)
	11	56158690	1	Grommet
	12	56331006	2	Grommet
	K1	56104417	1	Kit-Platform Hardware

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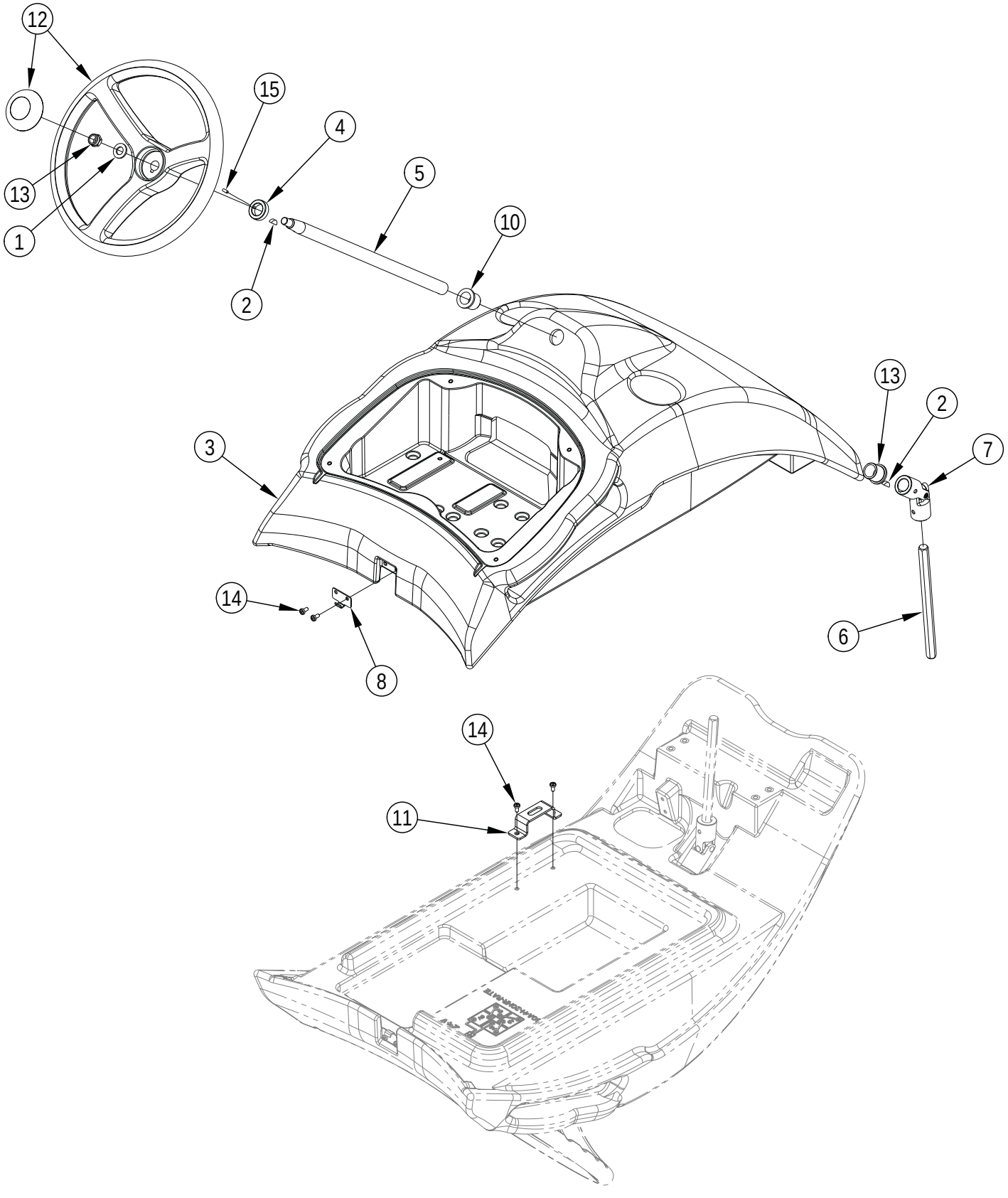
CONTROL SYSTEM



CONTROL SYSTEM

Kit	Item	Ref. No.	Qty	Description
K3	1		1	Washer, Flat 13X24
K3	2		2	Key-Wdf 5mmX6.5mmX16mm
	3	56104053	1	Control Panel
K3	4		1	Collar
	5	56104196	1	Shaft Steering
	6	56104265	1	Shaft Hex
K1	7		1	Universal Joint
K2	8		1	Hook Latch
K2,K3	9#	DELETED		
K3	10		2	Bearing-Flange
	11	56104410	1	Bracket-Prop Rod
	12	56601060	1	Steering Wheel
K3	13		1	Nut, Hex Nyl Loc Thin M12
K2,K3	14		4	Scr, Pan Phil M5x10 Ss
K3	15#		1	Screw Grub M5x10 Uni5929
	K1	56104328	1	Kit-Universal Joint
	K2	56104352	1	Kit-Draw Latch
	K3	56104365	1	Kit-Control Hardware

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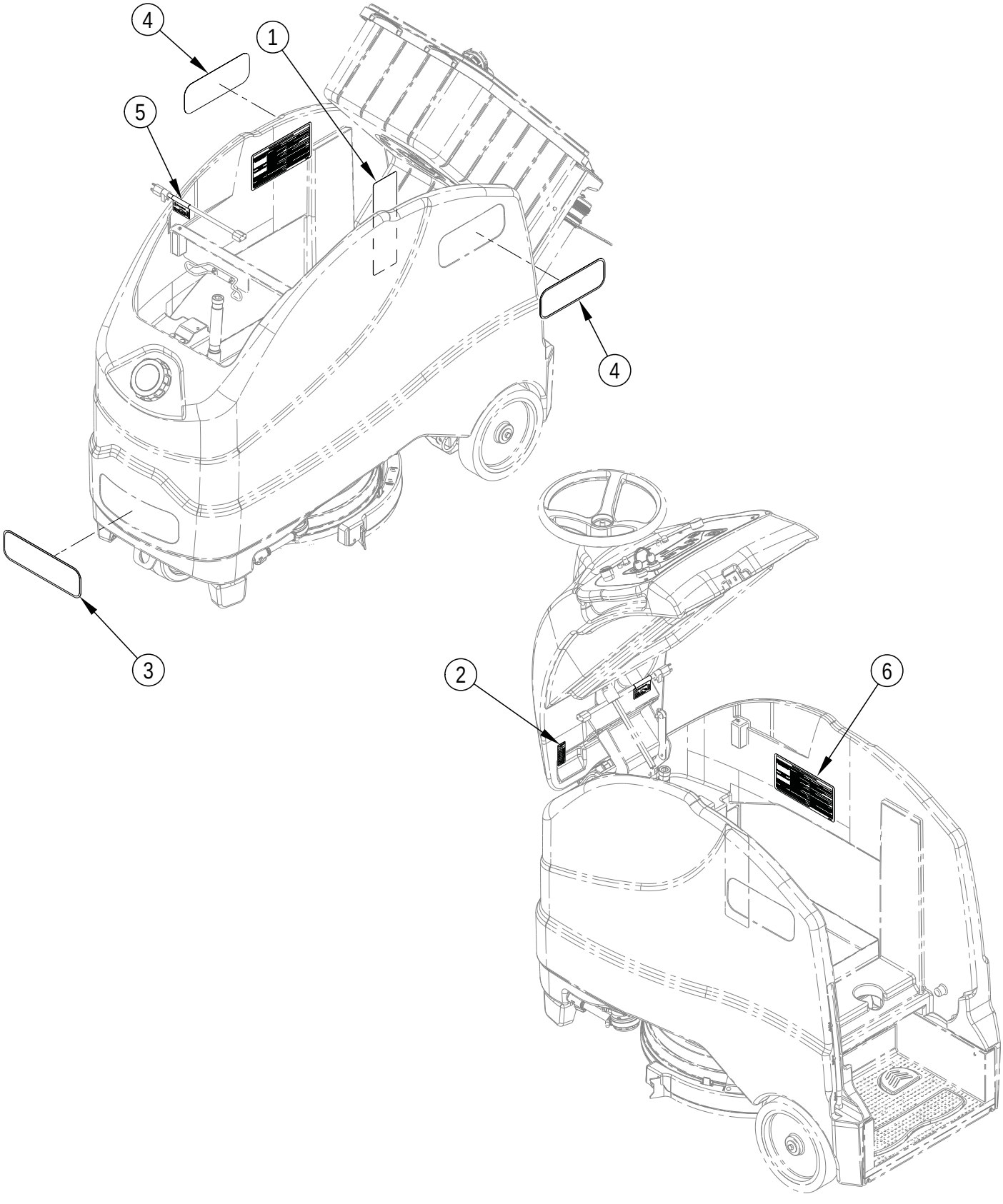
DECAL SYSTEM



DECAL SYSTEM

Kit	Item	Ref. No.	Qty	Description
K1,K2	1		1	Decal, Caution
K1,K2	2		1	Decal-Chemical Ratio
K1,K2	3		1	Decal-Advance
K1	4		2	Decal-Sc1500
K2			2	Decal-Sc1500 Rev
K1,K2	5		1	Decal-Charger Cord
K1,K2	6		1	Decal-Error Codes
K1,K2	7	DELETED		
	K1	56104334	1	Kit-Decal Sc1500
	K2	56104348	1	Kit-Decal Sc1500 Rev

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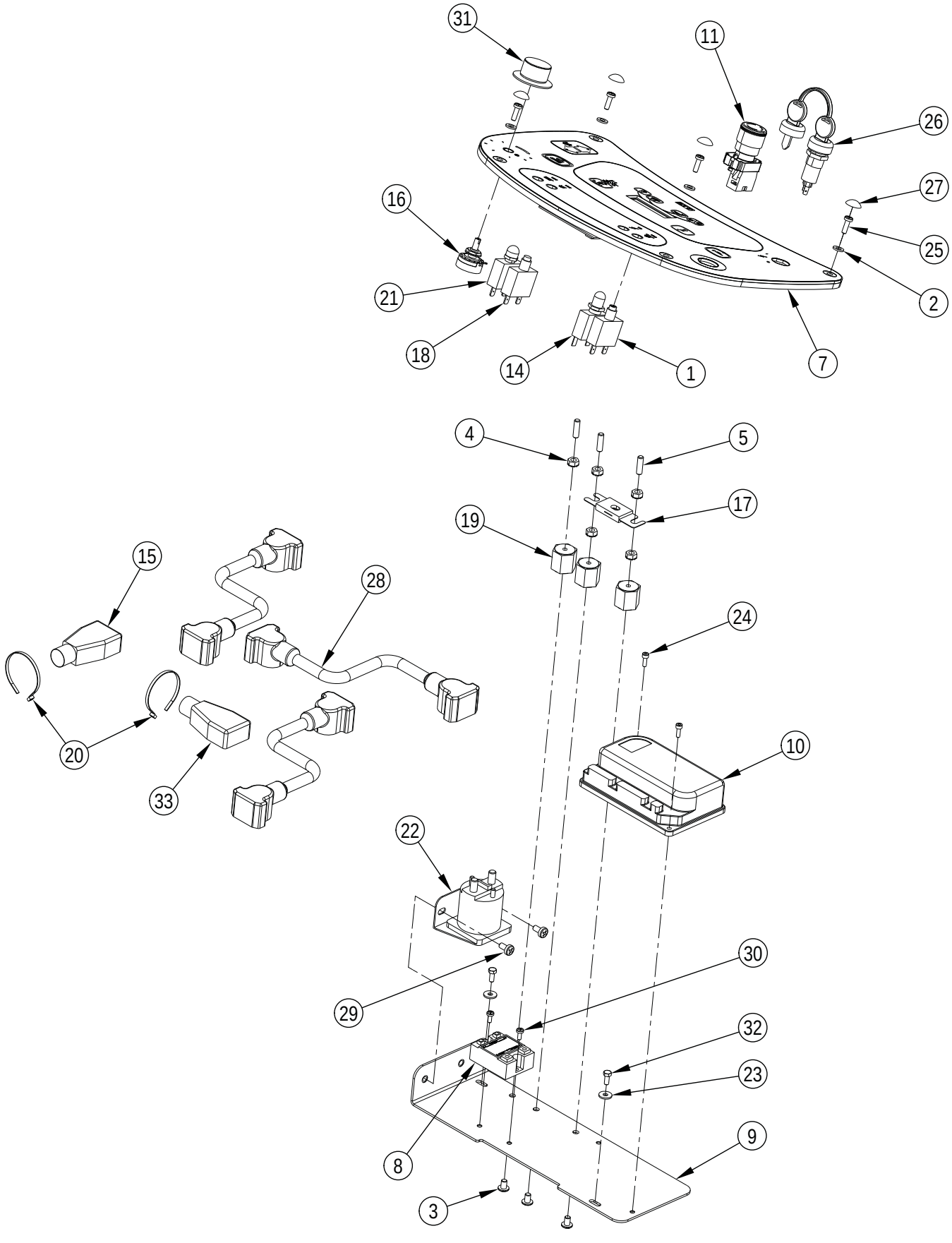
ELECTRICAL SYSTEM



ELECTRICAL SYSTEM

Kit	Item	Ref. No.	Qty	Description
	1#	56104423	1	Circuit Breaker 50 Amp (CB1)
K1	2		4	Washer, Flat 6,4x12,5
K1	3		3	Scr-Pan Phil 1/4-20 X .38
K1	4		5	Nut, Hex W/ Shprf 1/4-20
K1	5		3	Stud
	[6]	56104083	1	Harness-Main
K2	7		1	Interface Panel Assembly (A1)
K3	*		1	Kit-Interface Panel
	8	56104176	1	Solid State Relay (K1)
	9	56104193	1	Electrical Panel
	10	56104243	1	Speed Controller (E1)
	11	56104247	1	Disconnect-Emergency
	[12]	56104282	1	Cable-Power Red
	[13]	56104283	1	Cable-Power Black
	14	56315255	1	Circuit Breaker, 5 Amp (CB2)
	15#	2-00-05171	1	Bat Terminal Cover Red
	16	56396197	1	Potentiometer, 100k (R1)
	17	56412089	1	Fuse, 150 Amp (F1)
	18	56413822	1	Circuit Breaker, 20 Amp (CB3)
	19	56469858	3	Electrical Mount
	20	56478246	2	Tie, Cable
	21	56509623	1	Circuit Breaker-25 Amp (CB4)
	22	56601183	1	Contactor 24v, 100 Amp (K2)
K1	23		2	Washer, Flat Xl 5,5x15x1,2 Ss
K1	24		2	Viti Tcei/Scr, Soc Hd
K1	25		4	Scr, Pan Phil M5x16
	26	1462888000	1	Switch, Key With Water Proof Cup (S1)
K1	27		4	Cover For Screw Tcb 4.8mm
	28	40172A	3	Cable,Battery
K1	29		2	Scr, Pan Phil M6x12
K1	30		2	Scr, Pan Phil M4x10
	31	50962A	1	Knob, Speed Control
K1	32		2	Screw, Hex Thd To Hd M5x12
	33#	2-00-05173	1	Bat Terminal Cover Blk
	K1	56104341	1	Kit-Electrical Hardware
	K2	56104371	1	Kit-Control Board
	K3	56104372	1	Kit-Interface Panel

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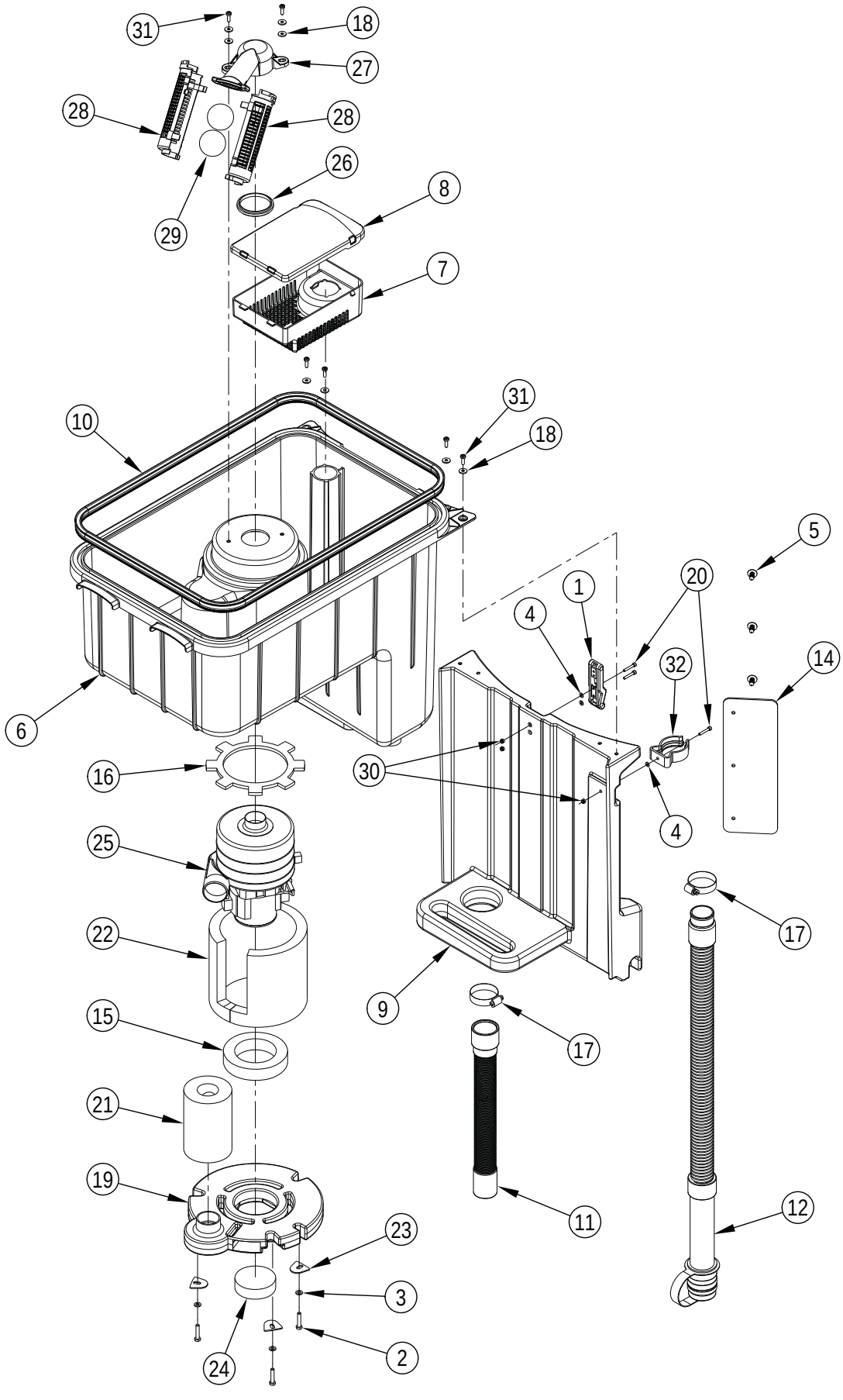
[ ] = Not Shown
* = Optional, Not Included

RECOVERY SYSTEM



RECOVERY SYSTEM

Kit	Item	Ref. No.	Qty	Description
K1	1		1	Latch, Draw
K7	2		3	Screw, Hex Thd To Hd M6x30
K7	3		3	Washer, Flat 6,4x12,5 S.S.
K1,K5,K7	4		3	Washer, Flat 4,3x9
K7	5		3	Rivet, Nylon Tree Push-In (.25)
	6	56104051	1	Recovery Tank
K4	7		1	Debris Cage
K4	8		1	Debris Tray Cover
	9	56104158	1	Back Panel
	10	56104164	1	Gasket-Recovery Tank
	11	56104258	1	Vac Hose Assy
	12	56104285	1	Drain Hose
	[13]	56104306	1	Jumper Harness
	14	56104320	1	Splash Guard
K8	15		1	Vacuum Motor Support Gasket
K6	16		1	Gasket, Vacuum Motor
	17#	145 0543 000	2	Hose Clamp 14/32-52
K2,K7	18		8	Washer, Flat Xl 5,5x15x1,2 Ss
	19	909 6051 000	1	Cover, Vac
K1,K5,K7	20		3	Viti Tcei/Scr, Soc Hd
K8	21		1	Insulation Tube
K8	22		1	Panel, Acoustic Insulation
K7	23		3	Plate Cover
	24	909 6672 000	1	Filter
K6	25		1	Vacuum Motor 3 Stage 24v (M4)
K2	26		1	Gasket Float Support
K2	27		1	Support Float Support System
K2	28		2	Float Cage
K2	29		2	Ball Float
K1,K5,K7	30		3	Nut, Hex Nyl Loc Thin M4 Ss
K2,K7	31		6	Scr,Pan Phil M5x16 Ss
K5	32		1	Clamp, Hose D.50
	K1	56104352	1	Kit-Draw Latch
	K2	56104359	1	Kit-Float Cage
	K4	56104360	1	Kit-Debris Cage
	K5	56104362	1	Kit-Hose Clamp
	K6	56104363	1	Kit-Vacuum Motor
	K7	56104364	1	Kit-Recovery Hardware
	K8	56104383	1	Kit-Vacuum Motor Insulation

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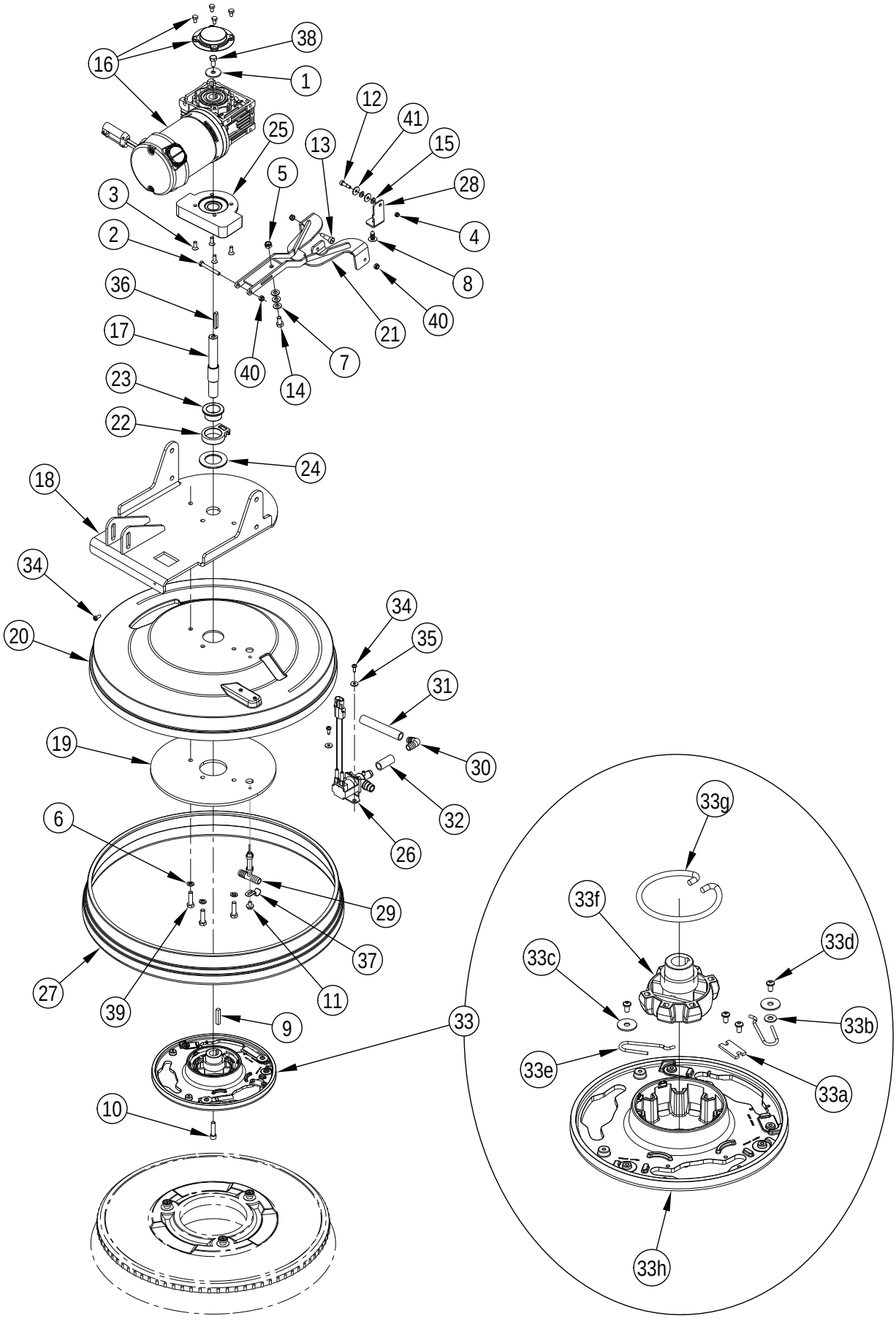
[ ] = Not Shown

SCRUB SYSTEM-20D



SCRUB SYSTEM-20D

Kit	Item	Ref. No.	Qty	Description
K2	1		1	Washer, Flat Xl 9X32
K2	2		1	Screw, Hex Thd To Hd M6x50
K2	3		4	Screw, Flat Socket Head
K2	4		1	Nut, Hex Nyl Loc Thin M5
K2	5		1	Nut, Hex Nyl Loc Thin M8
K2	6		3	Washer, Split Lock D.8
K2	7#		3	Washer, Flat 8.4X16X1.6
K2	8		1	Rivet, Nylon Tree Push-In (.25)
K2	9		1	Key, Square .25 X 1.44
K2	10		1	Scr-Soc Hd 5/16-18 X 1.25 Zinc
K2	11		1	Scr-Hex Thd Form M6 X 10mm
K2	12		1	Scr-Soc Shd M6x12mm X M5-0.8
K2	13		2	Scr-Soc Shd M8x16mm X M6-1.00
K2	14		1	Scr-Hex Plastic M8-1.25 X 16MM
K2	15		2	Wsh, Bowed .266x.500x.060
	16	56104071	1	Disc Brush Motor (A-F) (M5)
	17	56104095	1	Shaft Disc Brush Motor
	18	56104117	1	Deck Lift Plate Weldment
	19	56104120	1	Lower Deck Plate
	20	56104121	1	Brush Housing
	21	56104126	1	Squeegee Link Weldment
K1	22		1	Squeegee Pivot Block
K1	23		1	Bearing Flange
K1	24		1	Squeegee Pivot Washer
	25	56104137	1	Spacer Motor
	26	56104169	1	Solenoid Valve Assy (L1)
	27	56104240	1	Skirt Brush
	28	56104241	1	Double Scrub Brkt
	29	56314983	1	Tee Assembly
	30	56386183	1	Barbed Elbow 90
	31	56397209	1	Hose, Pvc, Clear .50 X 4.00
	32	56397217	1	Hose, Pvc Clear
	K1	56104344	1	Kit-Squeegee Pivot
	K2	56104346	1	Kit-Disc Deck Hardware

Kit	Item	Ref. No.	Qty	Description
	33	56601733	1	Brush Plate Assy Rt
	33a	56366455	1	Plate, Stop
K2	33b		1	Wsh, Flt Std #10
K2	33c		2	Wsh, Flt .266 X .906 X .060
K2	33d		4	Scr, Pan Phil Plastite 10-14 X .38
	33e	56109653	2	Spring Retainer
	33f	56112521	1	Gimbal-Collar Assembly
	33g	56601056	1	Spring, Brush Holder
	33h	56601118	1	Brush Plate
K2	34#		2	Scr, Pan Hd Thd Form
K2	35		2	Washer, Flat Xl 5,5X15X1,2 Ss
K2	36		1	Key
	37	909 5483 000	1	Hose Holder
K2	38		1	Screw, Hex Thd To Hd M8x16 Loctite
K2	39		3	Screw, Hex Thd To Hd M8x30 Ss
K2	40		3	Nut, Hex Nyl Loc Thin M6 Ss
K2	41		2	Washer, Flat Xl Ss
K2	42#		1	Screw Cyl Hd M5x12

Kit	Item	Ref. No.	Qty	Description
	A	56104297	1	Motovario Gearbox 15/1
	B	56104298	1	Motor
	C	56104300	1	Brush Housing Assembly
	D	56601588	1	Cover And Screws
	E	56601508	1	Plastic Cover
	F	56601534	1	Carbon Brushes (2)

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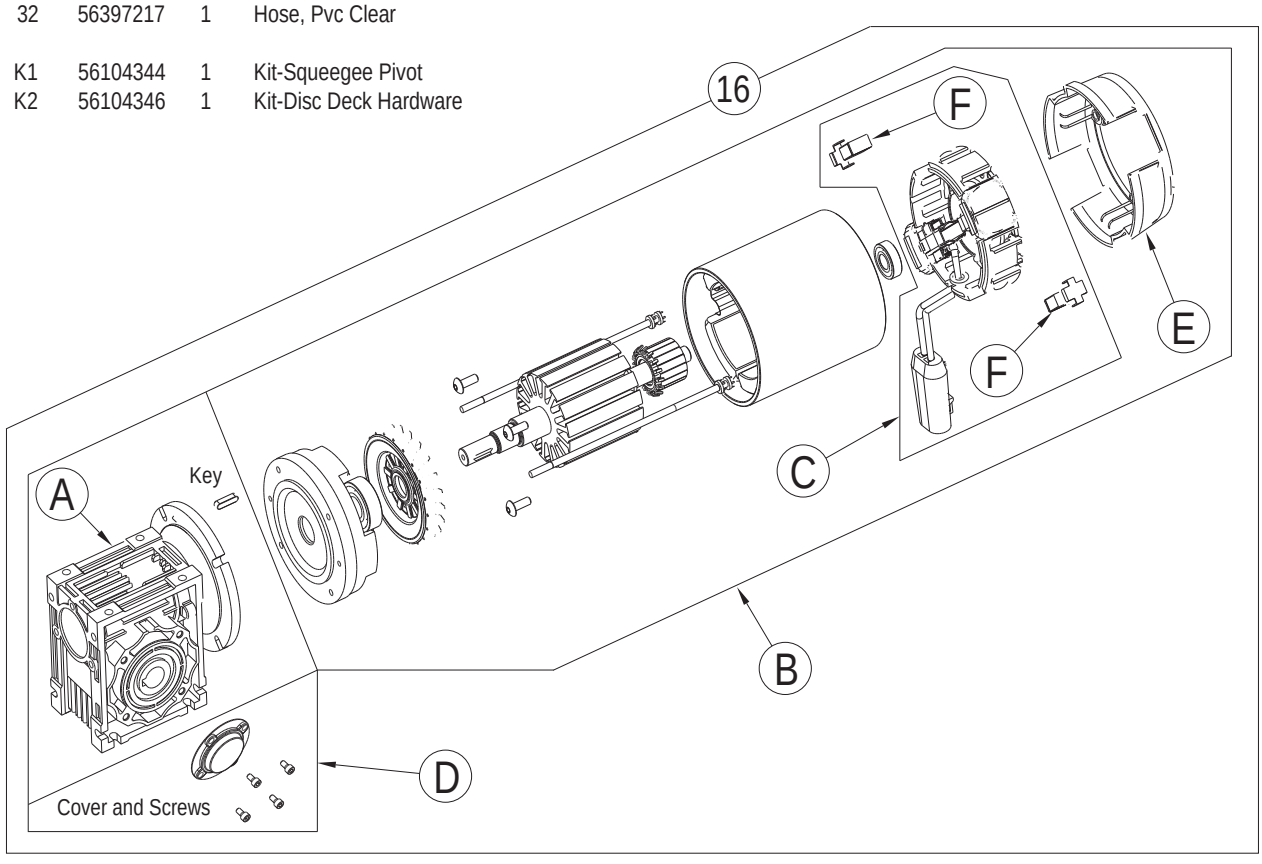
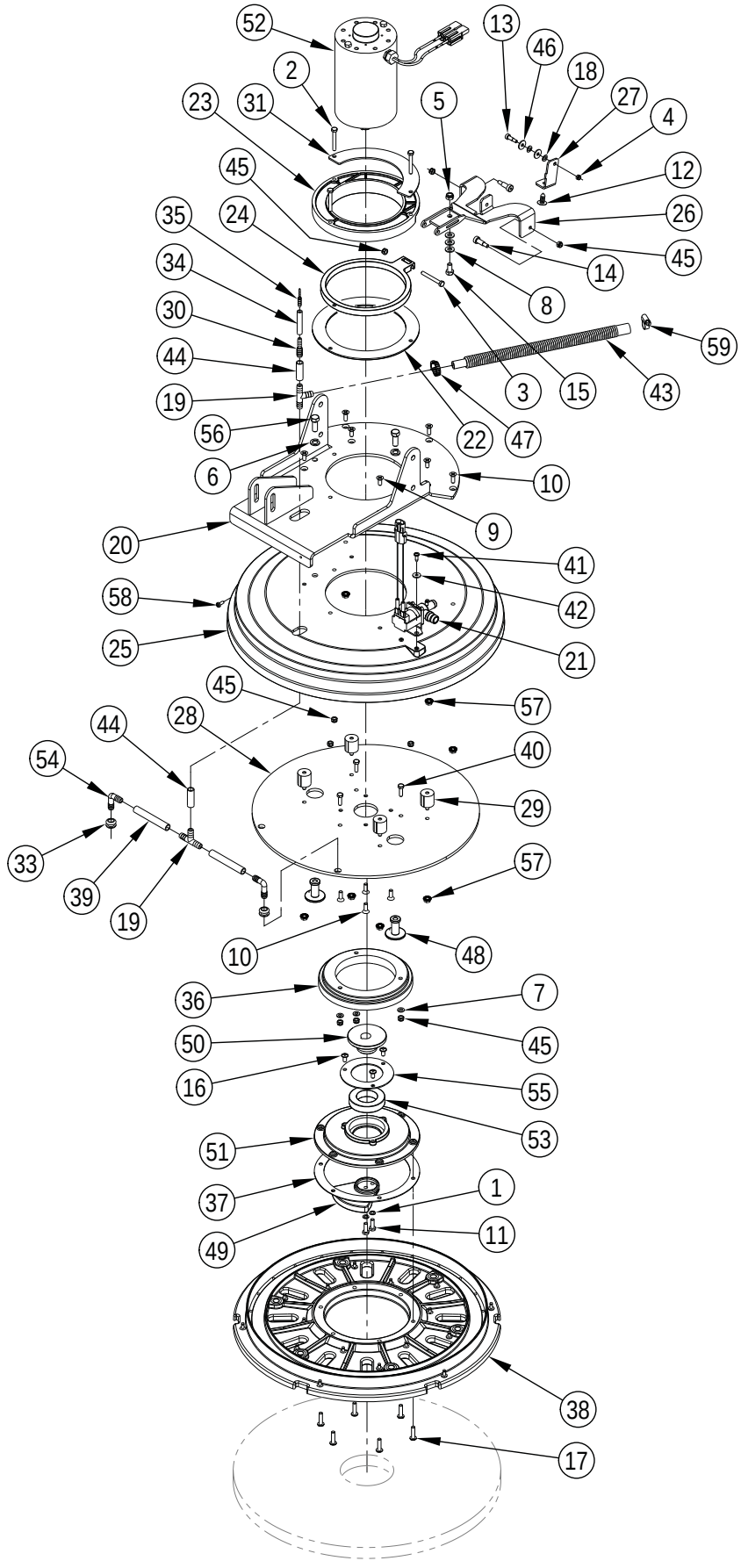


SCRUB SYSTEM-REV

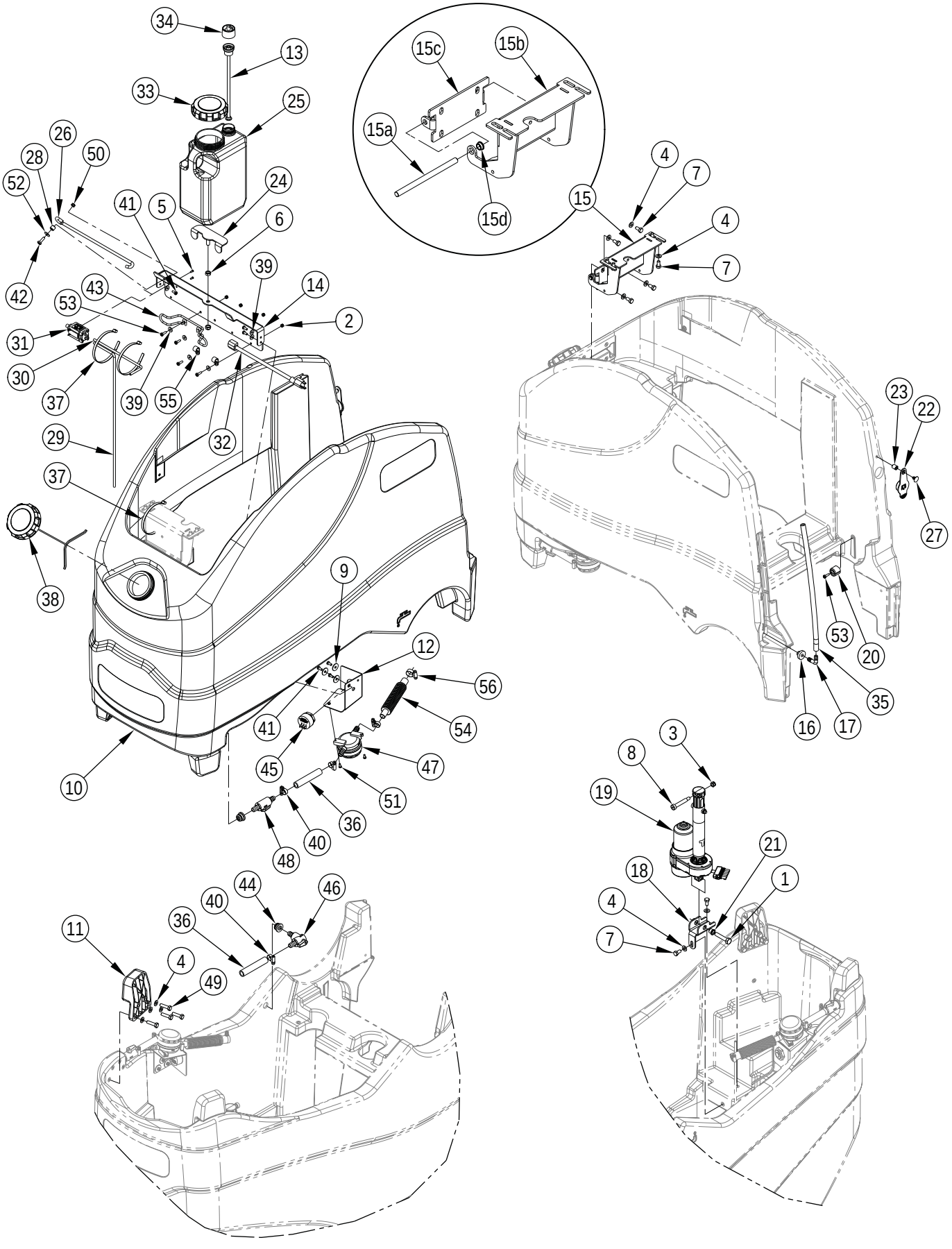


SCRUB SYSTEM-REV

Kit	Item	Ref. No.	Qty	Description
K1	1		2	Helical Spring Lock Washer 1/4
K1,K2	2		3	Screw, Hex Thd To Hd M6x45
K1	3		1	Screw, Hex Thd To Hd M6x50
K1	4		1	Nut, Hex Nyl Loc Thin M5
K1	5		1	Nut, Hex Nyl Loc Thin M8
K1	6		2	Washer, Split Lock D.10
K1	7		3	Washer, Flat 6,4x12,5 S.S.
K1	8#		3	Washer, Flat 8.4x16x1.6
K1,K3	9		4	Scr-Flt Phil 1/4-20 X .62
K1	10		7	Scr-Flt Phil Loc 1/4-20 X .75
K1	11		2	Scr-Hex Hd Loc 1/4-20x.75
K1	12		1	Rivet, Nylon Tree Push-In (.25)
K1	13		1	Scr-Soc Shd M6x12mm X M5-0.8
K1	14		2	Scr-Soc Shd M8x16mm X M6-1.00
K1	15		1	Scr-Hex Plastic M8-1.25 X 16mm
K1	16		3	Scr-Pan Phil Loc Ss 1/4-20 X .50
K1	17		6	Scr-Pan Phil Loc Ss 1/4-20 X 1.00
K1	18		2	Wsh, Bowed .266x.500x.060
K4	19		2	Tee, Hose
	20	56104138	1	Rev Lift Plate Weldment
	21	56104169	1	Solenoid Valve Assy (L1)
K2	22		1	Washer Squeegee
K2	23		1	Bushing Squeegee
	24	56104201	1	Plate Pivot
	25	56104202	1	Housing Rev
	26	56104203	1	Squeegee Link Weldment
	27	56104241	1	Double Scrub Brkt
	28	56104244	1	Plate Motor
K3	29		4	Isolator-40 Duro 1/4-20
K4	30		1	Reducer Barb
K2	31		1	Brkt-Squeegee Bushing
	[32]	56114200	1	Connector-Adaptor
K4	33		2	Grommet
K4	34		1	Hose,Chem Resistant, 2”
K4	35		1	Reducer,Barb
	36	56390011	1	Shield Splash
	37	56390038	1	Gasket Driver
	38	56390044	1	Pad Driver Assy
K4	39		2	Clear Vinyl Hose
K1	40		3	Screw, Hex Thd To Hd M6x20 Ss
K1	41#		2	Scr, Pan Hd Thd Form
K1	42		2	Washer, Flat Xl 5,5x15x1,2 Ss
K4	43		1	Hose Solution Flex
K4	44		2	Hose Clear Vinyl 3/8 Id X 11/2
K1,K2	45		9	Nut, Hex Nyl Loc Thin M6 Ss
K1	46		2	Washer, Flat Xl Ss
K4	47#		1	Clamp, Hose
	48	56381532	2	Stud Stablizer Short
	49	56390002	1	Weight Counter
	50	56390021	1	Eccentric
	51	56390027	1	Driver Motor
	52	56390072	1	Motor 24vdc (M5)
	[ ]	56412287	1	Carbon Brush Set Of 2 (for 56390072)
	53	50736A	1	Bearing
K4	54		2	Hosebarb, 90 Degree
	55	61775A	1	Retainer, Bearing
K1	56		2	Screw 3/8-24 X 1 Hex Head
K1,K3	57		7	Nut, Serrated Flange
K1	58#		1	Screw Cyl Hd M5x12
K4	59#		1	Pipe Clamp--M10xm16
	K1	56104367	1	Kit-Rev Deck Hardware
	K2	56104368	1	Kit-Rev Squeegee Pivot
	K3	56104369	1	Kit-Isolator
	K4	56104370	1	Kit-Rev Solution Hose

= Revised or new since last update
[ ] = Not Shown

SOLUTION SYSTEM



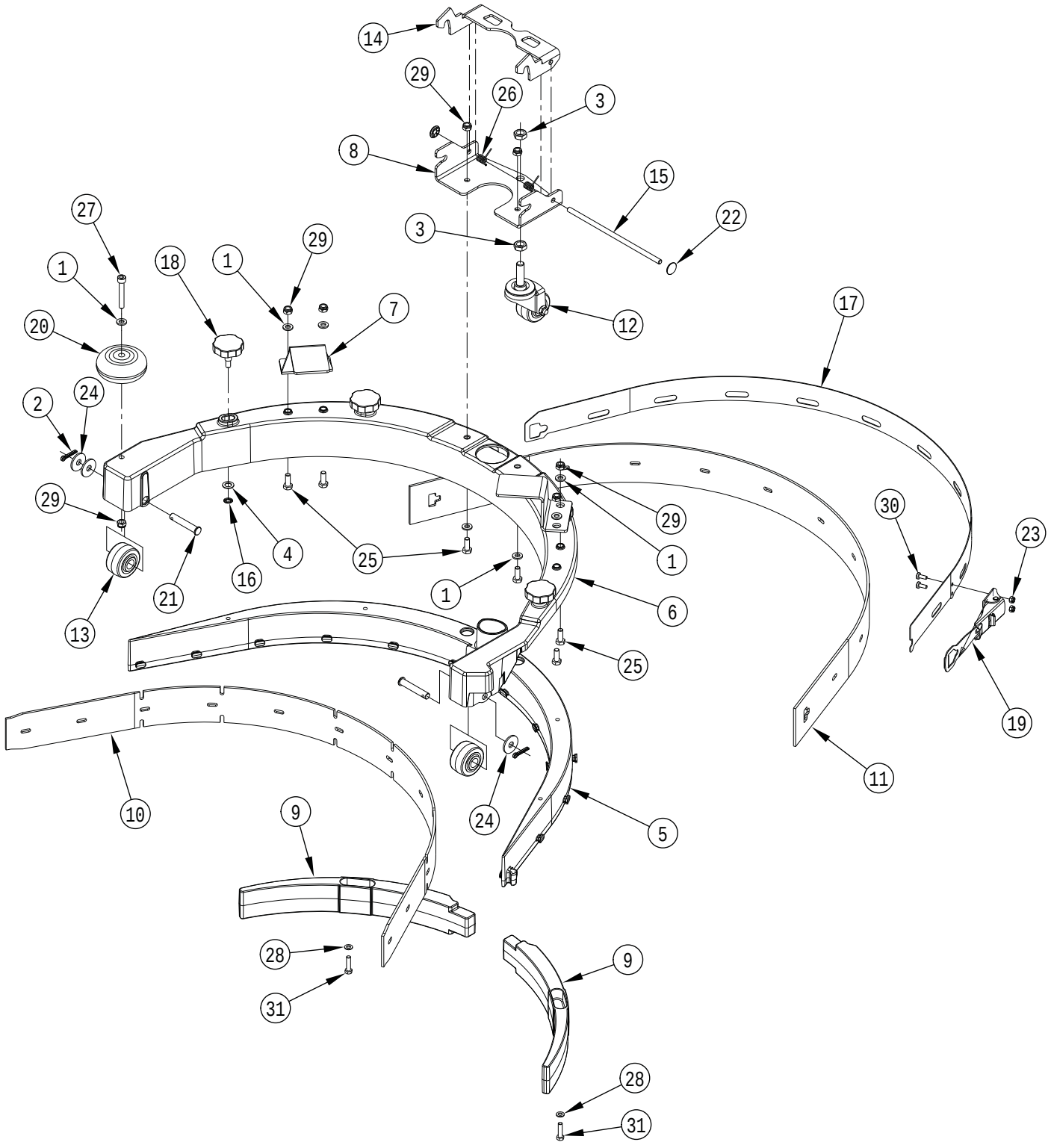
SOLUTION SYSTEM

Kit	Item	Ref. No.	Qty	Description
K5,K7	1		1	Screw, Hex Thd To Hd M10x50
K7	2#		4	Nut, Hex Nyl Loc Thin M5
K5,K7	3		1	Nut, Hex Nyl Loc Thin M8
K6,K7	4		18	Washer, Flat 8.4x16x1.6
K7	5		2	Scr, Pan Phil Thd Form 6-32 X .31
K7	6		2	Nut, Hex Nyl Loc-Thin Ss 3/8-16
K7	7		10	Scr-Hex M8-1.25 X 16mm
K5,K7	8		1	Scr-Soc Shd M10x50mm X M8-1.25
K7	9		3	Wsh, Flt .266 X .906 X .060
	10	56104050	1	Solution Tank
K6	11		2	Tip Pad
	12	56104165	1	Filter Bracket
	13	56104189	1	Insert-Dry Break
	14	56104194	1	Support Brkt
	15#		1	Hinge Assembly
	15a	56104206	1	Hinge Pin
	15b	56104207	1	Hinge Weldment
	15c	56104208	1	Hinge Bracket
	15d	56104249	2	Bearing Flange
	16	56104229	1	Grommet
	17#	51526A	1	Hosebarb 3/8 X 90 Deg
	18	56104234	1	Actuator Brkt
K5	19		1	Actuator Assembly (M3)
	20	56104308	2	Pivot Block
K5	21		1	Spacer Actuator
K4	22		1	Rubber Solution Cap
	23	56104390	1	Insert-Brass M8
	24	56104391	1	Adjustment Pad
	25	56104408	1	Chemical Bottle Assembly
	26	56104409	1	Prop Rod
K4	27		1	Clip, Panel
K7	28		1	Bushing
	29	56314942	1	Hose, Chem Resistant
	30	56314991	1	Hose, Chem Resistant 14”
	31	56315241	1	Pump, Chemical (M2)
	32	56315270	1	Charger Cord, Us
	33	56315517	1	Cap, Raw
	34	56315523	1	Cap, Dry Break, 1/8 Barb, 90$
	35	56393382	1	Hose-Pvc Clear
K1,K2	36		2	Hose, Spiral .500
	37#	56477613	3	Tie, Cable
	38	56601599	1	Cap - Raw With Tether
K7	39#		7	Washer, Flat Xl 5,5x15x1,2 Ss
K1,K2	40#		4	Clamp, Hose 8/9-16clamp, Hose B32hs
K7	41		6	Scr, Pan Phil M5x12 Ss
K7	42		1	Scr, Pan Phil M6x20 Ss
	43	909 5149 000	1	Cable Support
K1,K2	44		2	Gasket
	45	909 6126 000	1	Buzzer 5-32v (H1)
K1	46		1	Ball Valve 90°
K3	47		1	Filter, Water
K2	48		1	Ball Valve
K6,K7	49		8	Screw, Hex Thd To Hd M8x30 Ss
K7	50		1	Nut, Hex Nyl Loc Thin M6 Ss
K3,K7	51		2	Scr, Pan Phil M4x10 Ss
K7	52		1	Washer, Flat Xl Ss
K7	53#		6	Scr,Pan Phil M5x16 Ss
K2	54#		1	Hose, Solution
	55#	L08603845	2	Clamp Cable
K2	56#	33003496	1	Clamp Hose Parana 13/20

K1	56104349	1	Kit-Solution Drain
K2	56104350	1	Kit-Solution Hose
K3	56104351	1	Kit-Solution Filter
K4	56104354	1	Kit-Solution Cap
K5	56104356	1	Kit-Actuator
K6	56104357	1	Kit-Tip Pad
K7	56104358	1	Kit-Solution Hardware

= Revised or new since last update

SQUEEGEE SYSTEM



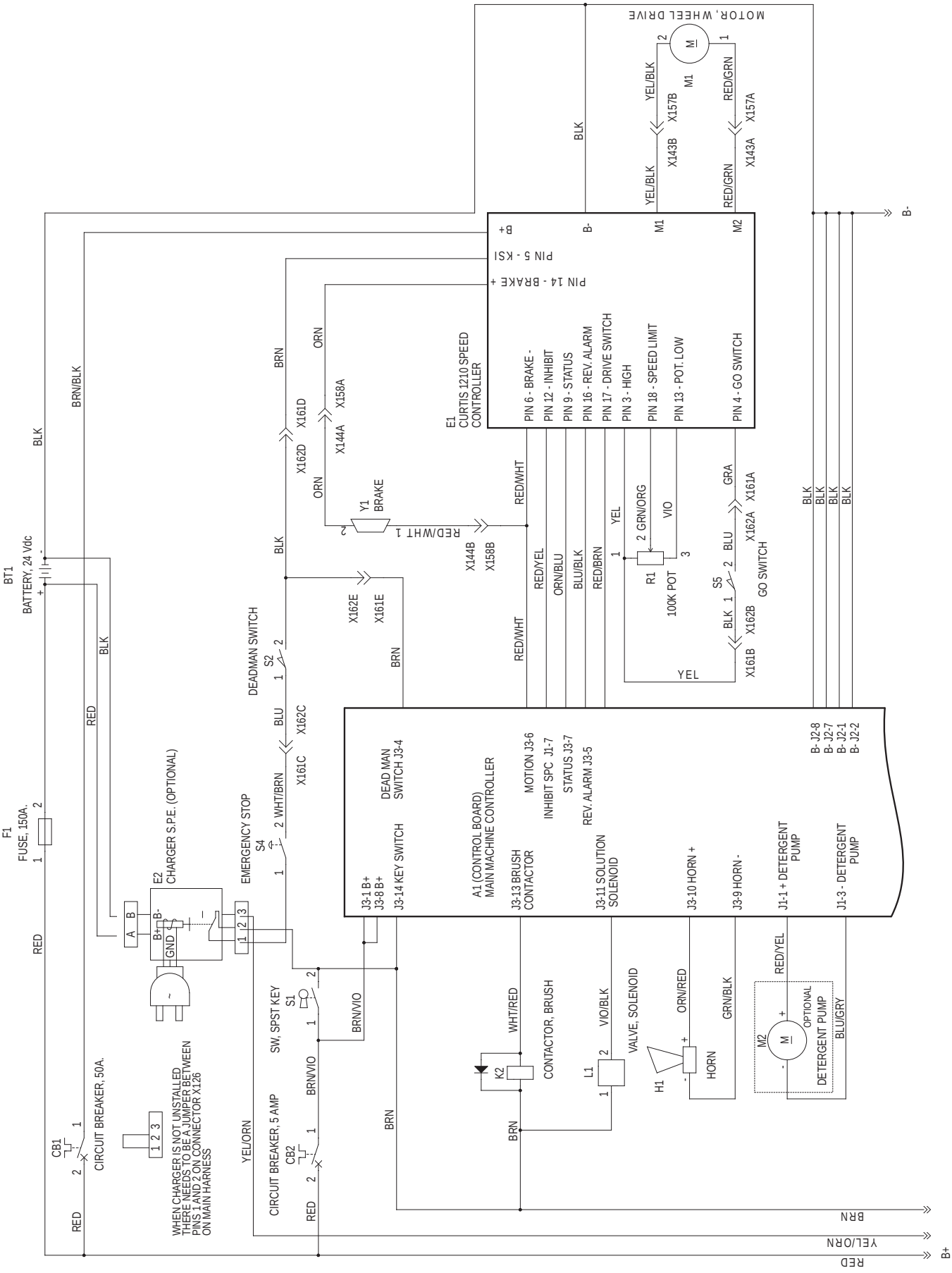
SQUEEGEE SYSTEM

Kit	Item	Ref. No.	Qty	Description
K3,K4,K6	1		7	Washer, Flat 6,4X12,5 S.S.
K4,K6	2		2	Pin-Cotter 1/8 X .75
K4,K6	3		2	Nut-Hex Jam Ss 3/8-16
K4,K5	4		4	Wsh-Flt .328 X .563 X .031
K4	5		1	Squeegee Casting NOTE 2
K4	6		1	Squeegee Cover
K4	7		2	Squeegee Lift Bracket
K4,K8	8		1	Squeegee Bracket
K4	9		2	Squeegee Plate
K1,K4	10		1	Blade-Squeegee Pu Front NOTE 1
K2	*		1	Blade-Squeegee Red Gum Front NOTE 1
K1,K4	11		1	Blade-Squeegee Pu Rear NOTE 1
K2	*		1	Blade-Squeegee Red Gum Rear NOTE 1
K4,K6	12		1	Caster Wheel
K4,K6	13		2	Roller Wheel
K4,K8	14		1	Squeegee Mount Brkt
K4,K8	15		1	Pivot Pin
K4,K5	16		4	Retaining Ring
K4,K7	17		1	Strap-Squeegee Rear
K4,K5	18		4	Knob Assembly
K4,K7	19		1	Latch-T Tab Assy
K4,K6	20		1	Roller Wheel
K4,K6	21		2	Pin-Clevis .312 X 1.84
K4,K8	22		2	Pin Cover-6mm
K4,K7	23		2	Nut, Hex Nyl Loc Thin M4 Ss
K4,K6	24		3	Washer 8x24x2 Uni 6593 Ss
K3,K4	25		6	Screw, Hex Thd To Hd M6x16 Ss
K4,K8	26		2	Spring Acc. Lid Lh
K4,K6	27		1	Viti Tcei/Scr, Soc Hd
K3,K4	28		2	Washer, Flat 5.3X10X1 Ss
K3,K4,K6	29		7	Nut, Hex Nyl Loc Thin M6 Ss
K4,K7	30		2	Scr, Pan Phil M4x10 Ss
K3,K4	31		2	Screw, Hex Thd To Hd M5x20 Ss
	K1	56104325	1	Kit-Squeegee Blade Pu
	K2	56104326	1	Kit-Squeegee Blade Red Gum
	K3	56104327	1	Kit-Squeegee Hardware
	K4	56104378	1	Kit-Squeegee Assy
	K5	56104382	1	Kit-Squeegee Knobs
	K6	56104385	1	Kit-Squeegee Wheels
	K7	56104386	1	Kit-Squeegee Strap
	K8	56104387	1	Kit-Squeegee Mount Brkt

* = Optional, Not Included

NOTE 1: All squeegee blade kits include both front and rear squeegee blades.
NOTE 2: The squeegee casting is not available for sale separately. If you need to replace it please order the Kit-Squeegee Assy 56104378.

LADDER DIAGRAM

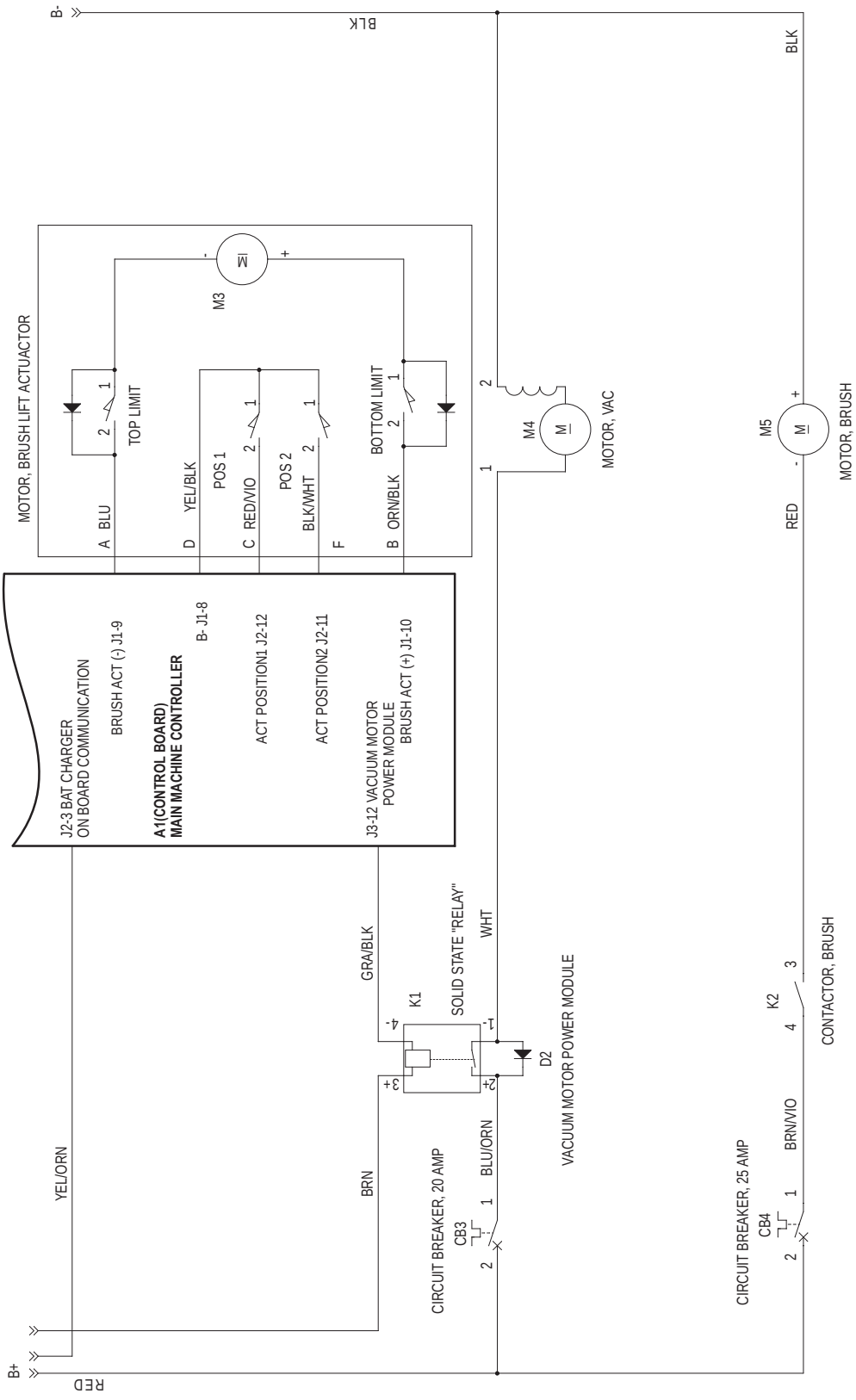


LADDER DIAGRAM

Item	Ref. No.	Qty	Description
A1	NA		Control Board
BT1	NA		Battery
CB1#	56104423	1	Circuit Breaker 50A (Drive Wheel)
CB2#	56315255	1	Circuit Breaker 5 Amp (Control Circuit)
CB3#	56413822	1	Circuit Breaker 20 Amp (Vacuum Motor)
CB4#	56509623	1	Circuit Breaker-25 Amp (Brush Motor)
E1	56104243	1	Speed Controller
E2	56112544	1	Battery Charger 24V 25A
F1	56412089	1	Fuse 150 Amp
H1	909 6126 000	1	Buzzer 5-32v
K1	56104176	1	Solid State Relay
K2	56601183	1	Contactor 24v 100 Amp
L1	56601064	1	Solenoid Valve Assembly
M1#		1	Drive Wheel Motor
M2	56315241	1	Pump Chemical
M3#	56104288	1	Actuator Assembly (Motor Brush Lift Actuator)
M4	909 7556 000	1	Motor Vacuum 3st 24v 420w
M5	56104071	1	Disc Brush Motor (20D)
M5	56390072	1	Motor 24vdc (REV)
R1	56396197	1	Potentiometer 100k (Speed Adjustment)
S1	146 2888 000	1	Switch Key with Cap
S2	NA	1	Switch-Sealed (part of Switch Harness 56104406)
S4	56104247	1	Disconnect-Emergency
S5	NA	1	Switch-Sealed (part of Switch Harness 56104406)
Y1#	NA		Electrical Brake (part of Drive Wheel Motor M1)

= Revised or new since last update

LADDER DIAGRAM



LADDER DIAGRAM

Item	Ref. No.	Qty	Description
A1	NA		Control Board
BT1	NA		Battery
CB1#	56104423	1	Circuit Breaker 50A (Drive Wheel)
CB2#	56315255	1	Circuit Breaker 5 Amp (Control Circuit)
CB3#	56413822	1	Circuit Breaker 20 Amp (Vacuum Motor)
CB4#	56509623	1	Circuit Breaker-25 Amp (Brush Motor)
E1	56104243	1	Speed Controller
E2	56112544	1	Battery Charger 24V 25A
F1	56412089	1	Fuse 150 Amp
H1	909 6126 000	1	Buzzer 5-32v
K1	56104176	1	Solid State Relay
K2	56601183	1	Contactor 24v 100 Amp
L1	56601064	1	Solenoid Valve Assembly
M1#		1	Drive Wheel Motor
M2	56315241	1	Pump Chemical
M3#	56104288	1	Actuator Assembly (Motor Brush Lift Actuator)
M4	909 7556 000	1	Motor Vacuum 3st 24v 420w
M5	56104071	1	Disc Brush Motor (20D)
M5	56390072	1	Motor 24vdc (REV)
R1	56396197	1	Potentiometer 100k (Speed Adjustment)
S1	146 2888 000	1	Switch Key with Cap
S2	NA	1	Switch-Sealed (part of Switch Harness 56104406)
S4	56104247	1	Disconnect-Emergency
S5	NA	1	Switch-Sealed (part of Switch Harness 56104406)
Y1#	NA		Electrical Brake (part of Drive Wheel Motor M1)

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OPTIONAL KITS AND ACCESSORIES

Item	Ref. No.	Qty	Description
			Kits
*	56104403	1	Kit-On Board Charger-Eu
*	56104374	1	Kit-Shelf Charger Us
*	56104371	1	Kit-Control Board
*	56104372	1	Kit-Interface Panel
			Squeegee Blade Kits (See Squeegee Blade Selector Guide)
	56104325	1	Kit-Squeegee Blade PU NOTE 1
*	56104326	1	Kit-Squeegee Blade Red Gum NOTE 1
			Accessories
*	56397453	1	Indicator Battery Level
*	56409441	1	Programmer 1311np User
*	56409823	1	Programmer Cable
*	56104190	1	Ecoflex Bottle Assy
*	56104192	1	Kit-Chemical Injection Eu
*	56044628	1	Literature Pack
			20” Disk Scrub Brushes (See Brush Selector Guide)
*	56505790	1	Pad Holder-20 3 Lug
*	56505791	1	Disc Brush-20 Magnagrit 3 Lug
*	56505792	1	Disc Brush-20 Dyna Grit 3 Lug
*	56505793	1	Disc Brush-20 Aglite 3 Lug
*	56505794	1	Disc Brush-20 Prolene 3 Lug
*	56505795	1	Disc Brush-20 Prolite 3 Lug
*	56505796	1	Disc Brush-20 Union Mix 3 Lug
*	56505797	1	Disc Brush-20 Midgrit 3 Lug
*	56505798	1	Disc Brush-20 Midlite 3 Lug
*	976170	1	Pads Cs 20 Black Thin (Qty 5)
*	976070	1	Pads Cs 20 Brown 51 (Qty 5)
*	976069	1	Pads Cs 20 Blue 51 (Qty 5)
			REV Pads (See Pad Selector Guide)
*	56390045	1	Velcro 2 Sided 20
*	56390046	1	Pad Maroon Spp20 (Qty 5)
*	56390079	1	Pad Micro Fiber
*	976068	1	Pad 20-In Red 5100 (Qty 5)
*	976067	1	Pads Cs 20 White 51 (Qty 5)

* = Optional, Not Included

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

RECOMMENDED SPARE PARTS

CLASS

W = Normal Wear
O = Ordinary Maintenance
E = Extra-Ordinary Maintenance

CLASS	PART NO.	DESCRIPTION
CHASSIS SYSTEM		
E	56104091	Mounting Tab
E	56104094	Bar Linkage
E	56104105	Battery Tray
E	56104130	Steering Shaft
E	56104135	Link Bar
E	56104148	Steering Shaft Weldt
E	56104151	Spindle Mount Weldment
E	56104157	Collar
E	56104170	Chassis Weldment
O	56104239	Harness-Drive Motor
O	56104269	Sprocket-11 Tooth
O	56104407	Bearing-Flange
E	56314032	Block, Bearing
E	56112544	Battery Charger 24v 25a
E	56104328	Kit-Universal Joint
O	56104331	Kit-Rear Wheel
E	56104332	Kit-Bearing Block
E	56104333	Kit-Chassis Hardware
E	56104336	Kit-Drive Wheel Motor
O	56104338	Kit-Wheel And Bearing
O	56104339	Kit-Sprocket And Chain
E	56104340	Kit-Drive Wheel Hardware
E	56104384	Kit-Front Wheel Bearings
CONTROL SYSTEM		
E	56104053	Control Panel
E	56104196	Shaft Steering
E	56104265	Shaft Hex
E	56104410	Bracket-Prop Rod
E	56601060	Steering Wheel
E	56104058	Drive Wheel Frame Weldt
E	56104077	Spindle Weldt
E	56104115	Steering Plate
W	56104270	Chain-Roller
E	56104328	Kit-Universal Joint
E	56104352	Kit-Draw Latch
E	56104365	Kit-Control Hardware
ELECTRICAL SYSTEM		
E#	56104423	Circuit Breaker 50 Amp
E	56104083	Harness-Main
E	56104176	Solid State Relay
E	56104193	Electrical Panel
E	56104243	Speed Controller
E	56104247	Disconnect-Emergency
E	56104281	Cable-Power
E	56112354	Handle
E	56315255	Circuit Breaker, 5 Amp
E	56396197	Potentiometer, 100k
E	56409485	Cable,Battery
E	56412089	Fuse, 150 Amp
E	56413822	Circuit Breaker, 20 Amp
E	56469858	Electrical Mount
E	56509623	Circuit Breaker-25 Amp
E	56601172	Connector Assy
E	56601183	Contactor 24v, 100 Amp
E	146 2888 000	Switch, Key With Water Proof Cup
E	L08812063	Terminal Clamp Batt
E	L08812064	Terminal Clamp Batt
E	50962A	Knob, Speed Control
E	2-00-05171	Boot, Protective (Red)
E	2-00-05173	Battery Insulator
E	56104282	Cable-Power Red
E	56104283	Cable-Power Black
E	56372673	Boot-Battery Post
E	56478246	Tie, Cable
E	40172A	Cable,Battery
E	56104341	Kit-Electrical Hardware
E	56104371	Kit-Control Board
E	56104372	Kit-Interface Panel

CLASS	PART NO.	DESCRIPTION
PLATFORM ASSEMBLY		
E	56104052	Platform-Upper
E	56104185	Pedal-Safety
E	56104186	Foot Pedal
E	56104187	Platform-Bottom
E	56104277	Compression Spring
O	56104406	Switch Harness
E	56158690	Grommet
E	56331006	Grommet
E	56104417	Kit-Platform Assembly
RECOVERY SYSTEM		
E	56104051	Recovery Tank
E	56104158	Back Panel
O	56104164	Gasket-Recovery Tank
O	56104258	Vac Hose Assy
O	56104285	Drain Hose
E	56104306	Jumper Harness
E	56104320	Splash Guard
E#	145 0543 000	Clamp, Hose 14/32-52
E	909 6051 000	Cover, Vac
O	909 6672 000	Filter
E	56104352	Kit-Draw Latch
E	56104359	Kit-Float Cage
E	56104360	Kit-Debris Cage
E	56104362	Kit-Hose Clamp
E	56104363	Kit-Vacuum Motor
E	56104364	Kit-Recovery Hardware
E	56104383	Kit-Vacuum Motor Insulation
SCRUB SYSTEM-20D		
E	56104071	Disc Brush Motor
E	56104095	Shaft Disc Brush Motor
E	56104117	Deck Lift Plate Weldment
E	56104120	Lower Deck Plate
E	56104121	Brush Housing
E	56104126	Squeegee Link Weldment
E	56104137	Spacer Motor
E	56104169	Solenoid Valve Assy
E	56104240	Skirt Brush
E	56104241	Double Scrub Brkt
E	56314983	Tee Assembly
E	56386183	Barbed Elbow 90
E	56397209	Hose, Pvc, Clear .50 X 4.00
E	56397217	Hose, Pvc Clear
E	56601733	Brush Plate Assy Rt
E	56366455	Plate, Stop
E	56109653	Spring Retainer
E	56112521	Gimbal-Collar Assembly
E	56601056	Spring, Brush Holder
E	56601118	Brush Plate
O	909 5483 000	Hose Holder
E	56104297	Motovario Gearbox 15/1
E	56104298	Motor
E	56104300	Brush Housing Assembly
E	56601588	Cover And Screws
E	56601508	Plastic Cover
O	56601534	Carbon Brushes (2)
E	56104344	Kit-Squeegee Pivot
E	56104346	Kit-Disc Deck Hardware
E	56104347	Kit-Disc Deck Assy 20
SCRUB SYSTEM-REV		
E	56104138	Rev Lift Plate Weldment
E	56104169	Solenoid Valve Assy
E	56104201	Plate Pivot
E	56104202	Housing Rev
E	56104203	Squeegee Link Weldment
E	56104241	Double Scrub Brkt
E	56104244	Plate Motor
E	56114200	Connector-Adaptor
E	56390011	Shield Splash
E	56390038	Gasket Driver

CLASS	PART NO.	DESCRIPTION
SCRUB SYSTEM-REV CONTINUED		
E	56390044	Pad Driver Assy
E	56381532	Stud Stablizer Short
E	56390002	Weight Counter
E	56390021	Eccentric
E	56390027	Driver Motor
E	56390072	Motor 24vdc
O	56412287	Carbon Brush Set Of 2 (For 56390072)
E	50736A	Bearing
E	61775A	Retainer, Bearing
E	56104366	Kit-Rev Deck Assy
E	56104367	Kit-Rev Deck Hardware
E	56104368	Kit-Rev Squeegee Pivot
E	56104369	Kit-Isolator
E	56104370	Kit-Rev Solution Hose
SOLUTION SYSTEM		
E	56104050	Solution Tank
E	56104165	Filter Bracket
E	56104194	Support Brkt
E	56104206	Hinge Pin
E	56104207	Hinge Weldment
E	56104208	Hinge Bracket
E	56104249	Bearing Flange
E	56104229	Grommet
E#	51526A	Hosebarb 3/8 X 90 Deg
E	56104234	Actuator Brkt
E	56104308	Pivot Block
E	56104390	Insert-Brass M8
E	56104391	Adjustment Pad
E	56104409	Prop Rod
E	56393382	Hose-Pvc Clear
E	56477613	Tie, Cable
E	56601599	Cap - Raw With Tether
E	909 6126 000	Buzzer 5-32v
E	56104189	Insert-Dry Break
E	56104408	Chemical Bottle Assembly
E	56314942	Hose, Chem Resistant
E	56314991	Hose, Chem Resistant 14”
E	56315241	Pump, Chemical
E	56315270	Charger Cord, Us
E	56315517	Cap, Raw
E	56315523	Cap, Dry Break, 1/8 Barb, 90
E	909 5149 000	Cable Support
E	56104349	Kit-Solution Drain
E	56104350	Kit-Solution Hose
E	56104351	Kit-Solution Filter
E	56104354	Kit-Solution Cap
E	56104356	Kit-Actuator
E	56104357	Kit-Tip Pad
E	56104358	Kit-Solution Hardware
E	56112355	Kit- Refilling Hose
SQUEEGEE SYSTEM		
W	56104325	Kit-Squeegee Blade Pu
W	56104326	Kit-Squeegee Blade Red Gum
E	56104327	Kit-Squeegee Hardware
E	56104378	Kit-Squeegee Assy
E	56104382	Kit-Squeegee Knobs
W	56104385	Kit-Squeegee Wheels
E	56104386	Kit-Squeegee Strap
E	56104387	Kit-Squeegee Mount Brkt
DECAL SYSTEM - SC1500		
E	56104334	Kit-Decal Sc1500
DECAL SYSTEM - SC1500 REV		
E	56104348	Kit-Decal Sc1500 Rev
ACCESSORY / OPTIONS		
E	56104374	Kit-Shelf Charger Us

= Revised or new since last update

BRUSH SELECTOR GUIDE

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.

Soft Nylon: 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.

Poly: Polypropylene material for medium-duty scrubbing on concrete, terrazzo and vinyl floor tile. Recommended for use in place of green or blue pads.

Lite 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.

Medium 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.

Heavy Grit: For aggresive, heavy-duty scrubbing or stripping of floors. Recommended for use in place of brown pads.

20" Disk Scrub Brushes
56505790 - Pad Holder
56505791 - Magnagrit
56505792 - Dyna Grit
56505793 - Aglite
56505794 - Prolene
56505795 - Prolite
56505796 - Union Mix
56505797 - Midgrit
56505798 - Midlite
976170 - Pads Cs 20 Black Thin (Qty 5)
976070 - Pads Cs 20 Brown 51 (Qty 5)
976069 - Pads Cs 20 Blue 51 (Qty 5)

DISC BRUSH APPLICATION GUIDE (SUGGESTION ONLY)

Application	Heavy Grit	Medium Grit	Lite Grit	Poly	Soft Nylon
Stripping:					
Concrete	X				
Terrazzo	X				
Ceramic/Quarry tile	X				
Vinyl tile	X				
General Scrubbing:					
Concrete	X	X	X	X	
Terrazzo		X	X	X	
Ceramic/Quarry tile		X	X	X	
Marble			X	X	X
Vinyl tile		X	X	X	
Raised-rubber tile			X	X	X

PAD SELECTOR GUIDE

We provide pads that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications.

White:	For very light scrubbing on high gloss floor finishes where a red pad may be too aggressive.
Red:	Most popular daily cleaning and scrubbing pad for use on a wide varieties of floors.
Blue:	For heavy duty scrubbing prior to recoating. Removes dirt, spills and scuffs, leaving a clean surface ready for recoating.
Black:	For conventional stripping with chemicals.
3M Hi Pro:	For conventional stripping with chemicals. Unique open web construction allows stripping solution to flow through the pad to rinse out dirt and reduce loading for increased pad-to-floor contact and more efficient stripping.
Maroon:	Prepares wood, vinyl tile, sheet vinyl, marble, terrazzo and concrete floors for refinishing.

REV Deck Pads
56390045 - Velcro 2 Sided
56390046 - Pad Maroon Spp20 (Qty 5)
56390079 - Pad Micro Fiber
976068 - Pad 20-In Red 5100 (Qty 5)
976067 - Pads Cs 20 White 51 (Qty 5)

SQUEEGEE BLADE SELECTOR GUIDE

Red Gum Rubber: Provides longest life on finished or unfinished concrete floors.

Polyurethane: Oil resistance provides superior life in applications with oily floors.

SQUEEGEE BLADE APPLICATION GUIDE(SUGGESTION ONLY)		
Performance Traits	Red Gum Rubber (Natural Rubber)	Polyurethane/ Pentathane
Resilience		X
Tear Strength		X
Abrasion Resistance	X	X
Wear Resistance	X	X
Low Temp Flexibility	X	
High Temp Flexibility		X
Ozone Resistance		
Chemical Resistance		X
Applications		
Oil Resistant Applications		X
General Purpose	X	X
Hot Water Applications	X	X
Chemical Applications		X
Color	Red	Translucent

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