



Electronic Service Manuals

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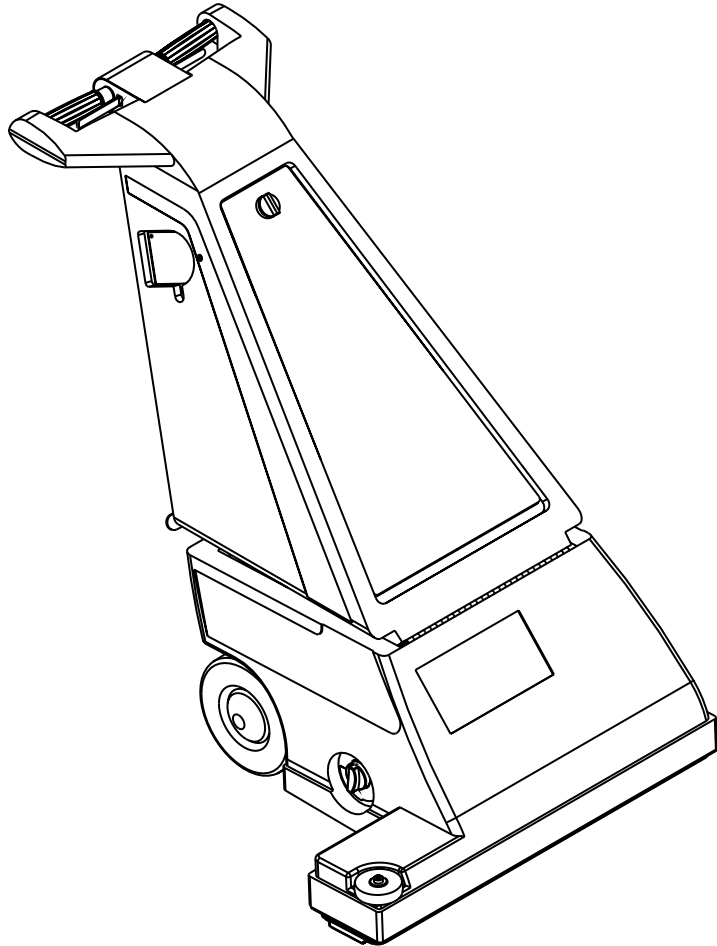
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Champion™ 28



PARTS LIST

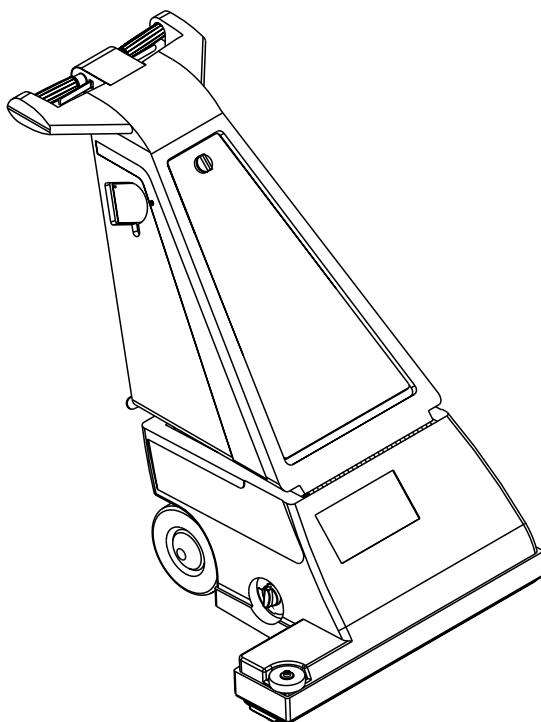
Kent MODEL 56636829

This manual is for machines before SN1588573.



KENT

4/99 revised 7/02 FORM NO. 56042359
(083252P-1)



DESCRIPTION	PAGE
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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. _____

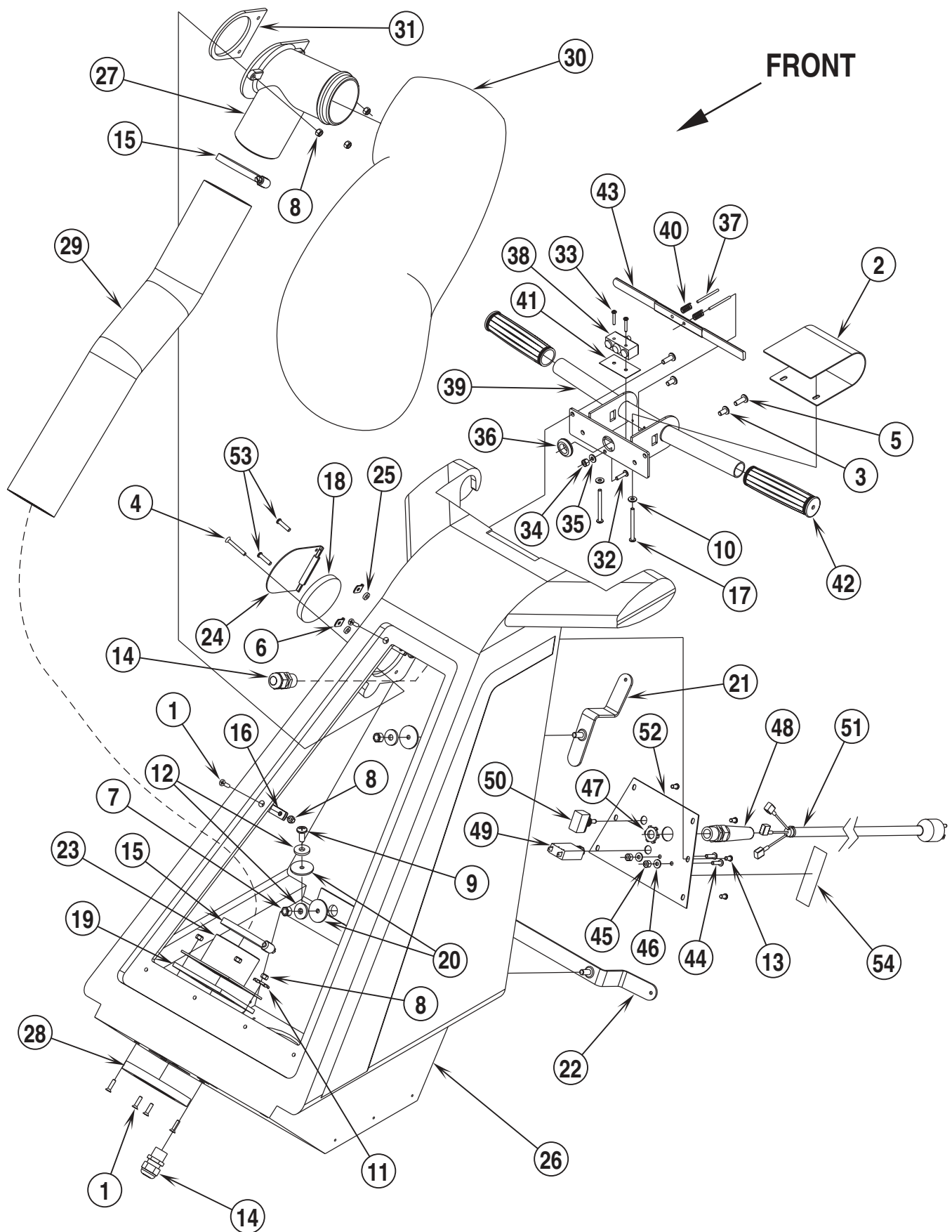
HANDLE ASSEMBLY

99-4

2

Champion™ 28

01-6



99-4	HANDLE ASSEMBLY			
02-7	Champion™ 28			3

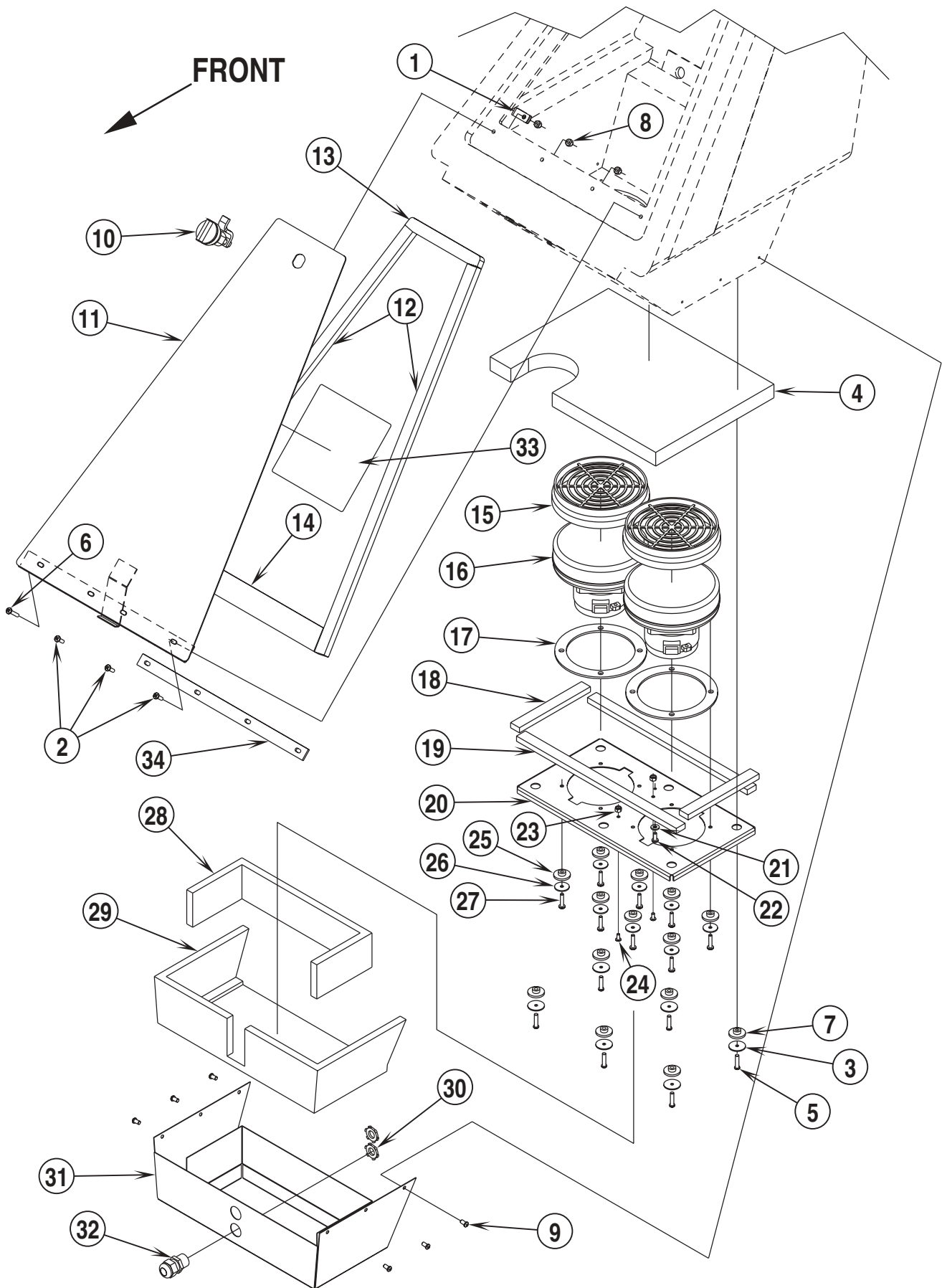
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56001900	6	Scr, Flt Phil 10-24 x .75	29	56055081	1	Hose, Vac
2	56639107	1	Weldment, Switchbox	30	56055083	1	Bag, Cloth
3	56002145	2	Scr, Pan Phil 1/4-20 x .50	31	56055149	1	Gasket, Foam
4	56002495	1	Scr, Flt Phil 10-24 x 1.50		56330005	1	Handle Assembly (items 32-43)
5	56002507	2	Scr, Pan Phil 1/4-20 x .75	32	56002192	1	Scr, Pan Phil 10-24 x .75
6	56055207	2	Clamp, P	33	56002857	2	Scr, Pan Phil 6-32 x .88
7	56002701	3	Nut, Hex Nyl Loc 5/16-18	34	56009009	1	Nut, Hex Machine 10-24
8	56002768	9	Nut, Hex Nyl Loc 10-24	35	56009011	1	Wsh, Int Shprf #10
9	56002793	2	Scr, Pan phil 5/16-18 x .75	36	56497610	1	Grommet
10	56009011	2	Wsh, Int Shprf #10	37	56003502	2	Pin
11	56009095	2	Nut, Conduit Loc 1/2-14	38	56026412	1	Switch, Push SPDT, 21A, 120-240V
12	56009122	5	Wsh, Flt .344 x .938 x .125	39	56034663	1	Weldment, Handle
13	56009247	6	Scr, Pan Phil Plastite 10-14 x .38	40	56046648	2	Spring, Comp.
14	56323135	2	Strain Relief	41	56046653	1	Insulation Paper
15	56352829	2	Clamp, Hose SAE #52	42	56047418	2	Handle Grip
16	56385564	2	Clamp, P	43	56050274	1	Trigger
17	56003503	2	Scr, Pan Phil 10-24 x 2.25		56330918	1	Electrical Assembly (items 44-52)
18	56055189	1	Gasket, Foam 3.25 Dia. .375Thk	44	56002192	2	Scr, Pan Phil 10-24 x .75
19	56055182	1	Gasket, Foam	45	56009009	2	Nut, Hex Machine 10-24
20	56009275	1	Wsh, Neoprene .25 x 1.375 x .093	46	56009011	2	Wsh, Int Shprf #10
21	56034687	1	Weld't, Cord Hook, Upper	47	56009095	1	Nut, Conduit Lock 1/2-14
22	56034688	1	Weld't, Cord Hook, Lower	48	56323136	1	Strain Relief
23	56034690	1	Weldment, Hose Connector	49	56387316	1	Circuit Breaker, 10 Amp
24	56034706	1	Weld't, Door-Accessory	50	56026973	1	Switch, Toggle SPST, 10A, 250VAC
25	56050406	2	Spacer	51	56637610	1	Cord, Set
26	56055021	1	Tank, Upper Machined	52	56643059	1	Cover, Access
27	56055037	1	Elbow, Valve	53	56003504	2	Scr, Pan Phil Plastite 10-14 x .88
28	56055054	1	Gasket, Foam	54	56630714	1	Label, Warning

** 56039432 A/R Accessory Kit

* = Not Shown

** = Optional

			VACUUM MOTORS	99-4
4			Champion™ 28	01-4

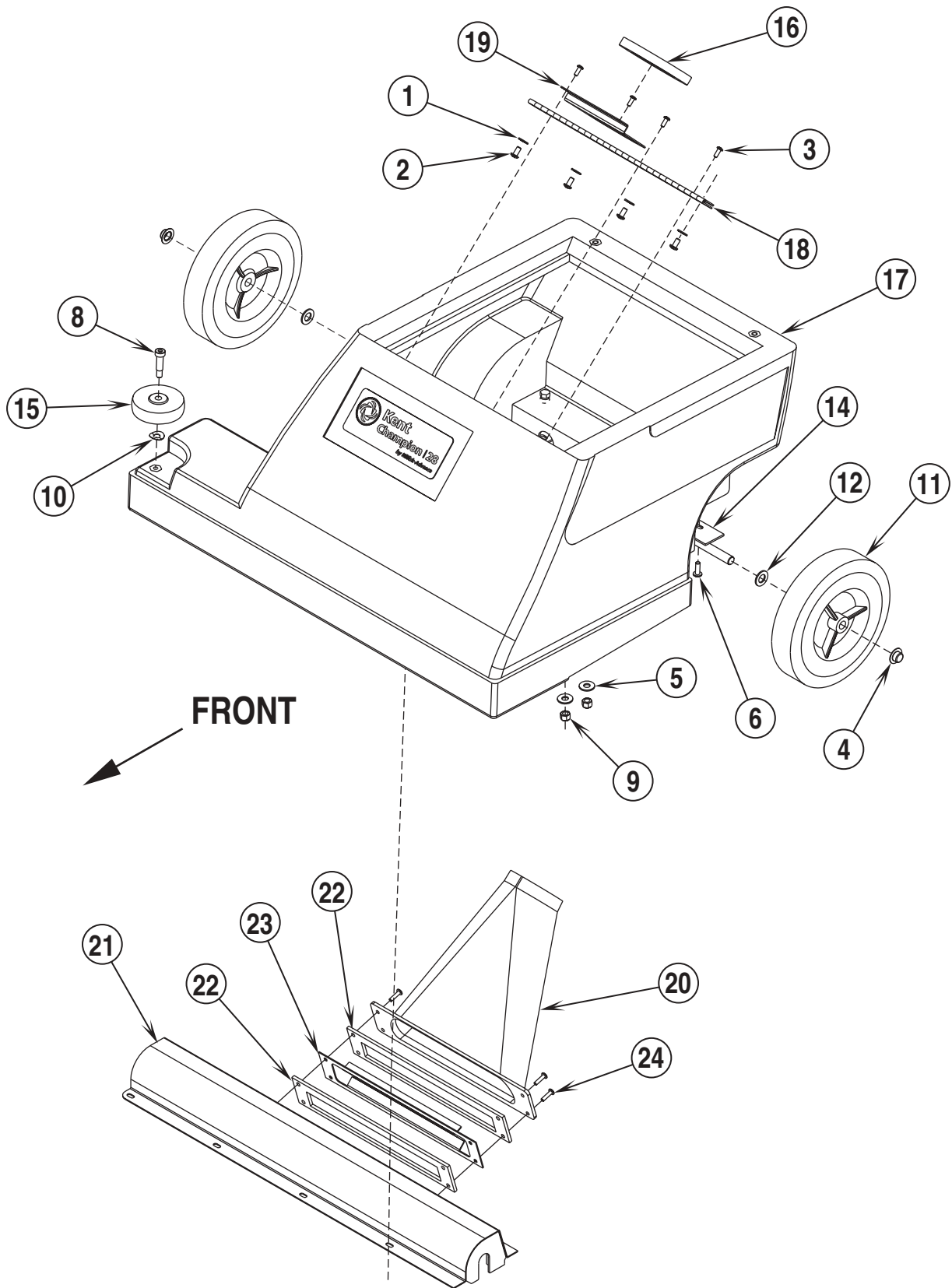


99-4	VACUUM MOTORS			
01-6	Champion™ 28			5

Item	Ref. No.	Qty	Description
1	56486112	1	Clamp, P
2	56002124	3	Scr, Pan Phil 10-24 x .62
3	56009268	6	Wsh, Flt .187 x 1.00 x .062
4	56055084	1	Guard, Bag
5	56003504	6	Scr, Pan Phil Plastite 10-14 x .88
6	56002674	1	Scr, Pan Phil 10-24 x 1.00
7	56111384	6	Rubber Bushing
8	56002768	4	Nut, Hex Nyl Loc 10-24
9	56009247	12	Scr, Pan Phil Plastite 10-14 x .38
	56330006	1	Door Assembly (items 10-14)
10	56055050	1	Latch, Twist
11	56639110	1	Weldment, Door
12	56055053	2	Gasket
13	56009247	12	Scr, Pan Phil Plastite 10-14 x .38
14	56330033	1	Gasket
	56330007	1	Vacuum Motors Assembly (items 15-27)
15	56384898	2	Filter
16	56325096	2	Vacuum Motor
17	56209325	2	Gasket
18	56055042	2	Gasket, Foam
19	56055041	2	Gasket, Foam
20	56055023	1	Plate, Mtg Vac Motors
21	56009011	1	Wsh, Int Shprf #10
22	56009029	1	Scr, Pan Phil Thd Form 10-24 x .50
23	56002808	2	Nut, Hex Nyl Loc 8-32
24	56001818	2	Scr, Pan Phil 8-32 x .38
25	56111384	8	Rubber Bushing
26	56009096	8	Wsh, Flt .193 x .875 x .060
27	56003505	8	Scr, Pan Phil Thd Form 10-24 x .88
	56330008	1	Muffler Assembly (items 28-32)
28	56055118	1	Gasket, Foam
29	56055117	1	Gasket, Foam
30	56009095	2	Nut, Conduit Lock 1/2-14
31	56034668	1	Weldment, Muffler
32	56323135	1	Strain Relief
33	56016472	1	Decal, Wiring
34	56055218	1	Gasket, Foam

* = Not Shown

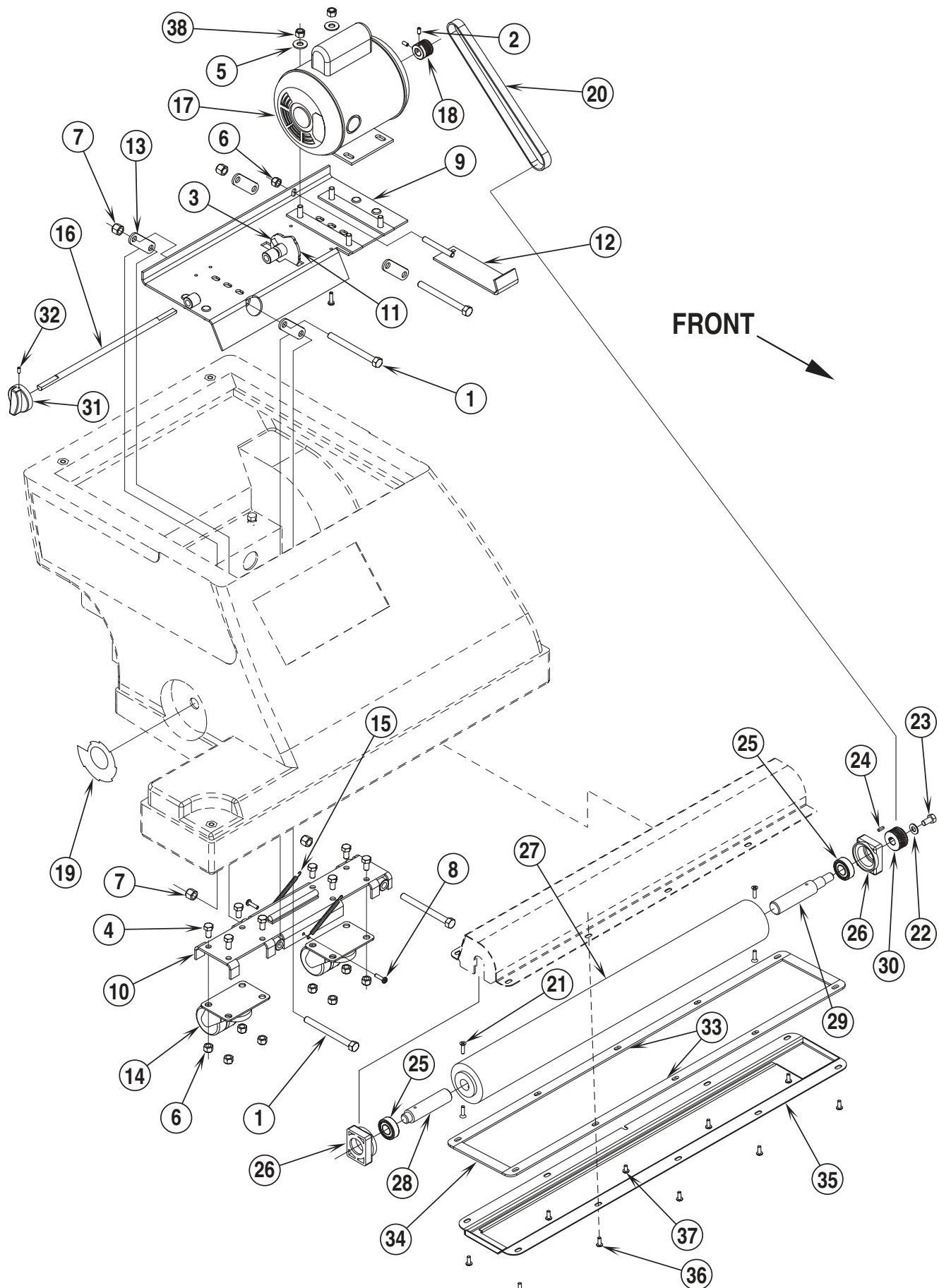
			BASE HOUSING	99-4
6			Champion™ 28	01-11



99-4	BASE HOUSING			
01-11	Champion™ 28			7

Item	Ref. No.	Qty	Description
1	56002098	4	Wsh, Flt SAE 1/4
2	56002145	4	Scr, Pan Phil 1/4-20 x .50
3	56002147	4	Scr, Pan Phil (UNF) 10-32 x .20
4	56009097	2	Nut, Push Cap TSB 798
5	56002220	4	Wsh, Flt Std 5/16
6	56002507	2	Scr, Pan Phil 1/4-20 x .75
7			Intentionally Omitted
8	56003472	1	Scr, Soc Shd .38 x 1.00 x 5/16-18
9	56002701	4	Nut, Hex Nyl Loc 5/16-18
10	56009024	1	Wsh, Bowed .375 x .844 x .060
11	56210148	2	Wheel TSB 798
12	56009003	2	Wsh, Flt .516 x .938 x .075 TSB 798
13			Intentionally Omitted
14	56330045	1	Weldment, Axle TSB 798
15	56049261	1	Wheel
16	56055054	1	Gasket, Foam
17	56055026	1	Tank, Base Machined
18	56055213	1	Hinge, Butt
19	56055217	1	Bracket, Intake Tube
	56330011	1	Brush Housing Assembly (items 20-24)
20	56055121	1	Tube, Intake Machined
21	56034673	1	Weldment, Brush Housing
22	56055122	2	Gasket
23	56055615	1	Plate, Stil
24	56002192	1	Scr, Pan Phil 10-24 x .75

* = Not Shown

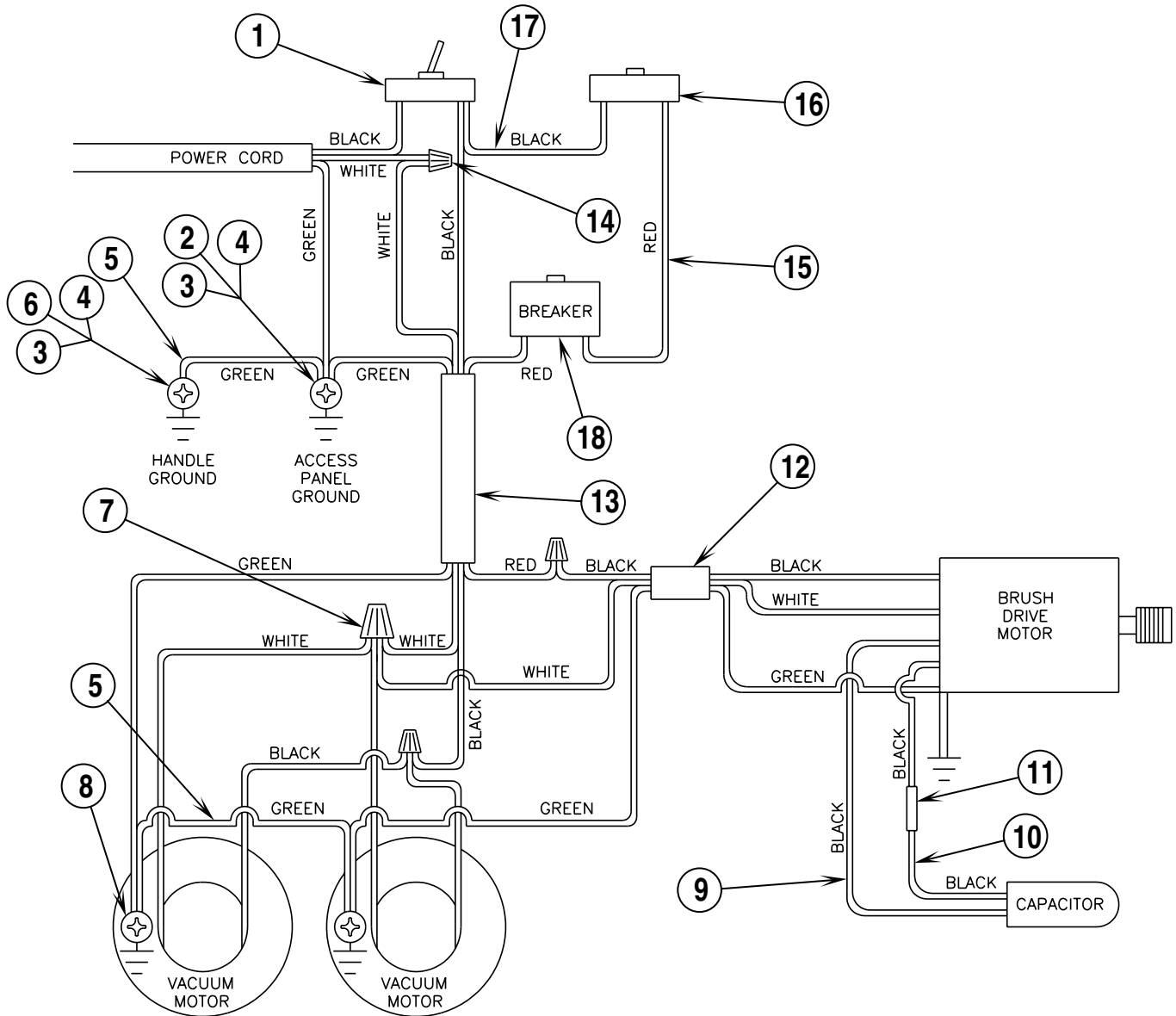


99-4	BRUSH MOTOR / BRUSH ASSEMBLY			
02-4	Champion™ 28			9

Item	Ref. No.	Qty	Description
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	56330012	1	Brush, Motor Assembly (items 1-18, 38)
1	56001819	4	Scr, Hex Hd 3/8-16 x 4.00
2	56001823	2	Scr, Soc Set Loc 10-24 x .38
3	56002021	1	Scr, Soc Set Loc 5/16-18 x .38
4	56002035	8	Scr, Hex Hd 5/16-18 x .62
5	56002220	2	Wsh, Flt Std 5/16
6	56002701	9	Nut, Hex Nyl Loc 5/16-18
7	56002769	4	Nut, Hex Nyl Loc 3/8-16
8	56009043	4	Scr, Pan Phil Thd Form 10-24 x .75
9	56034675	1	Weld't, Motor Bracket
10	56034677	1	Caster Bracket Weldment
11	56034679	1	Weldment, Cam Height Adjustment
12	56034691	1	Weldment, Adjustment Bracket
13	56055031	4	Steel, Bar
14	56055134	2	Caster, 2.00 dia
15	56055135	2	Spring, Ext
16	56055137	1	Shaft, Height Adjustment
17	56330013	1	Motor, 1/3 HP
*	56755056	1	Capacitor 400-480Mfd. (replacement for 56330013)
18	56330016	1	Sheave, Poly V Belt
19	56057686	1	Label, Height Adj.
20	56055123	1	Belt, Poly V
	56330015	1	Brush Assembly (items 21-30)
21	56001900	4	Scr, Flt Phil 10-24 x .75
22	56001939	1	Wsh, Flt SAE 5/16
23	56002929	1	Scr, Hex Hd Loc 5/16-18 x .62
24	56003235	1	Key, Sq .12 x .44
25	56027222	2	Bearing, Ball
26	56055030	2	Mount, Bearing
27	56055126	1	Brush, Cylinder
28	56055127	1	Shaft, Brush
29	56330014	1	Shaft, Brush
30	56330914	1	Sheave, Poly V Belt
31	56324502	1	Knob
32	56002160	1	Scr, Soc Set Loc 8-32 x .38
33	56055187	2	Gasket, Foam
34	56052279	2	Foam Gasket Strip
35	56055033	1	Plate, Bottom, SS, 28 in. Upright
36	56002147	9	Scr, Pan Phil (UNF) 10-32 x .20
37	56009030	1	Scr, Pan Phil Thd Form 10-24 x .38
38	56002826	2	Nut, Hex Nyl Loc-Thin 5/16-18

* = Not Shown



99-4	WIRING DIAGRAM			
01-6	Champion™ 28			11

Item	Ref. No.	Qty	Description
1	56026973	1	Switch, Toggle
2	56002192	1	Scr, Pan Phil 10-24 x .75
3	56009011	6	Wsh, Int Shprf #10
4	56009009	6	Nut, Hex 10-24
5	56900727	2	Asm, Wire
6	56002124	1	Scr, Pan Phil 10-24 x .62
7	56151353	1	Nut, Wire
8	56009030	2	Scr, Pan Phil Thd Form 10-24 x .38
9	56900646	1	Asm, Wire
10	56900646	1	Asm, Wire
11	56481562	1	Splice, Conductor
12	56025903	1	Cable, Elect
13	56025897	1	Asm, Wire
14	56321737	3	Nut, Wire
15	56900643	1	Asm, Wire
16	56026412	1	Switch, Push
17	56900646	1	Asm, Wire
18	56387316	1	Circuit Breaker



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