



Electronic Service Manuals

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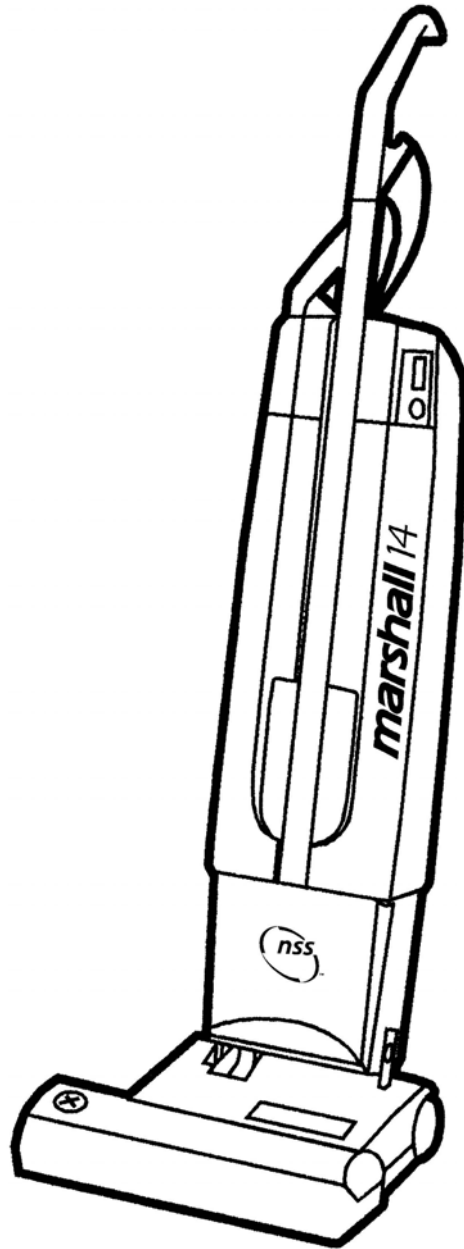
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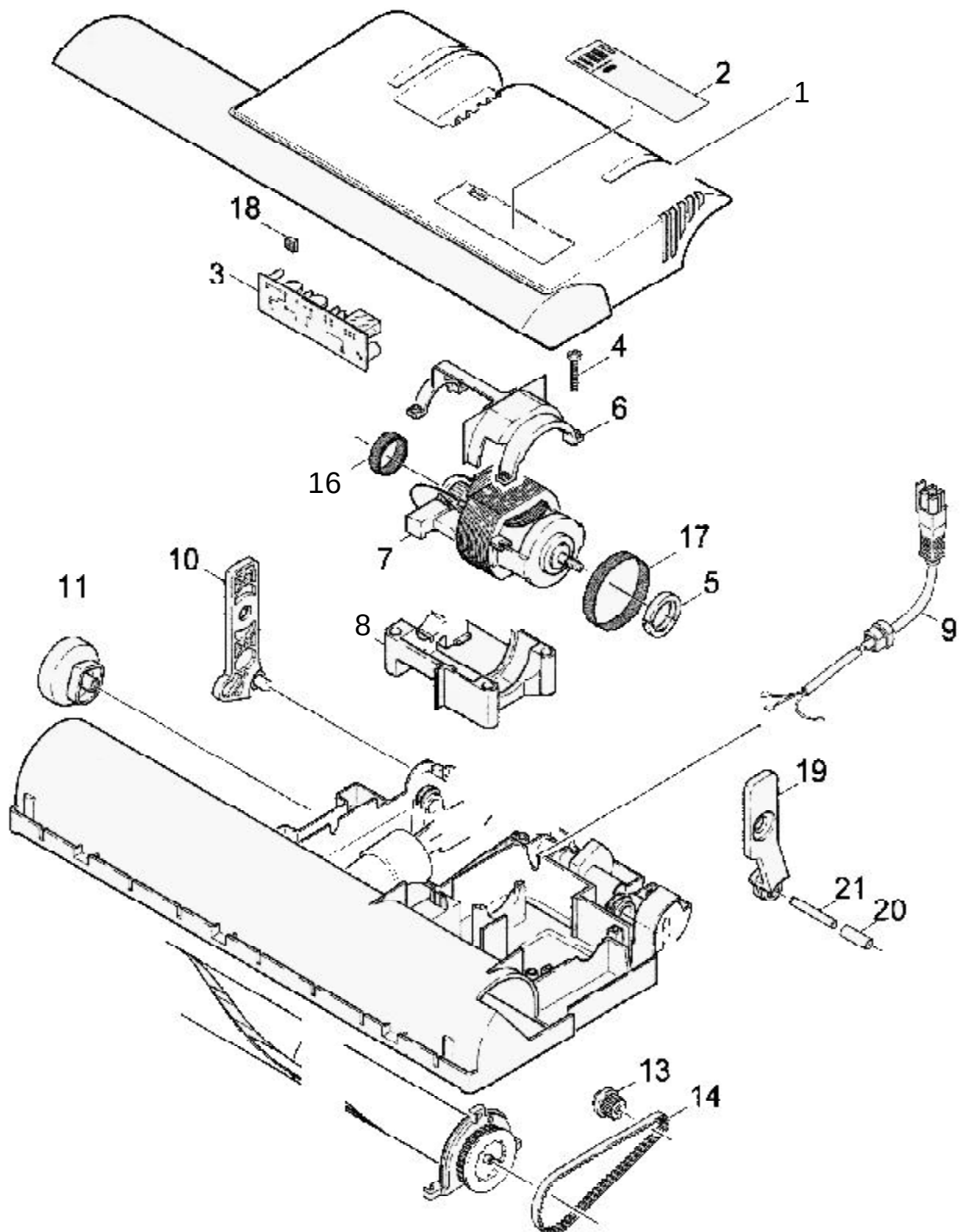
MARSHALL 14 & 18



BRUSH HEAD - TOP PART

ITEM	PART NO.	DESCRIPTION	QTY.
	7292821	BRUSH HEAD ASSEMBLY COMPLETE - 115 VOLT - MARSHALL 14	1
	7293121	BRUSH HEAD ASSEMBLY COMPLETE - 115 VOLT - MARSHALL 18	1
1	7292801	TOP COVER - MARSHALL 14	1
	7293131	TOP COVER - MARSHALL 18	1
2	7292811	DECAL - MARSHALL 14	1
	7293141	DECAL - MARSHALL 18"	1
3	6890611	P.C. BOARD - 115 VOLT - MARSHALL 14	1
	7292151	P.C. BOARD - 115 VOLT - MARSHALL 18	1
	6890601	P.C. BOARD - 100 VOLT	1
4	6891061	M4 X 16 OVAL HEAD SCREW	4
	6891111	M4.3 WASHER - NOT SHOWN - MARSHALL 14	4
5	7293161	RING - MARSHALL 18 ONLY	1
6	6890941	GUARD - BRUSH MOTOR - MARSHALL 14	1
	7293171	GUARD - BRUSH MOTOR - MARSHALL 18	1
7	6890651	BRUSH MOTOR - 115 VOLT - MARSHALL 14	1
	7293181	BRUSH MOTOR - 115 VOLT - MARSHALL 18	1
	6890641	BRUSH MOTOR - 100 VOLT - MARSHALL 14	1
	7292081	CARBON BRUSH 115 VOLT - MARSHALL 14 & 18	1
8	6890631	GUARD - BRUSH MOTOR - MARSHALL 14	1
9	7292841	CORD - BRUSH MOTOR	1
	6891181	PLUG RETAINING FINGER - NOT SHOWN	1
10	6890691	SUPPORT ARM - RIGHT	1
11	6890721	KNOB - HEIGHT ADJUSTMENT	1
13	6890731	PULLEY - BRUSH MOTOR	1
14	6890741	BELT - TIMING - 6mm - MARSHALL 14	1
	7293201	BELT - TIMING - 8mm - MARSHALL 18	1
16	7293211	SMALL JOINT RING - MARSHALL 18 ONLY	1
17	7293221	LARGE JOINT RING - MARSHALL 18 ONLY	1
18	6891141	RUBBER BAND	1
19	7292991	SUPPORT ARM - LEFT	1
20	6892181	BUSHING - ARM	1
21	7292191	PIN - ARM SUPPORT - MARSHALL 14	1
	7293241	PIN - ARM SUPPORT - MARSHALL 18	1
NOT SHOWN			
	7293391	"DO NOT STEP" LABEL	1

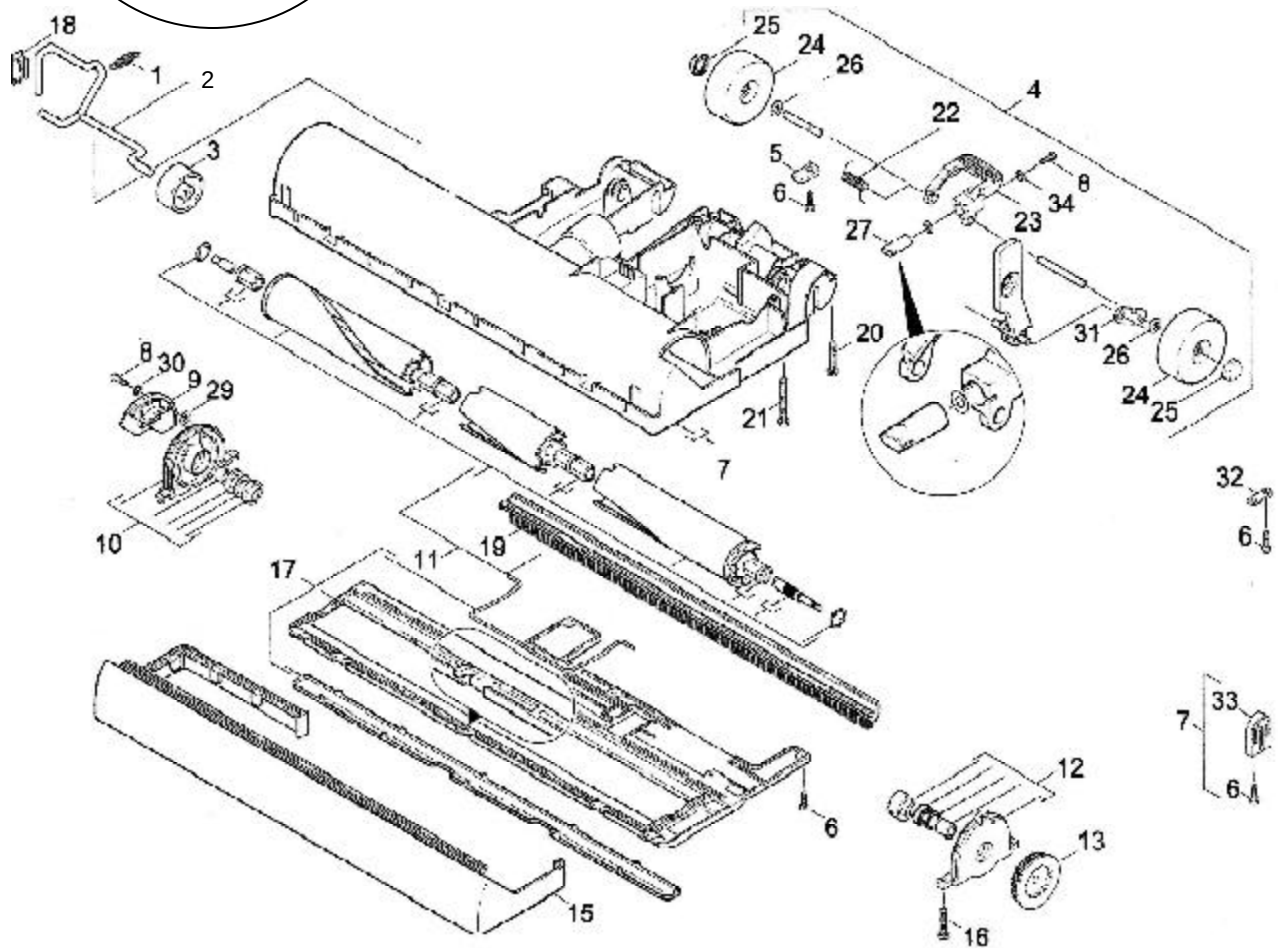
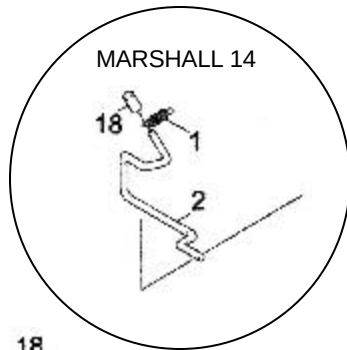
BRUSH HEAD - TOP PART



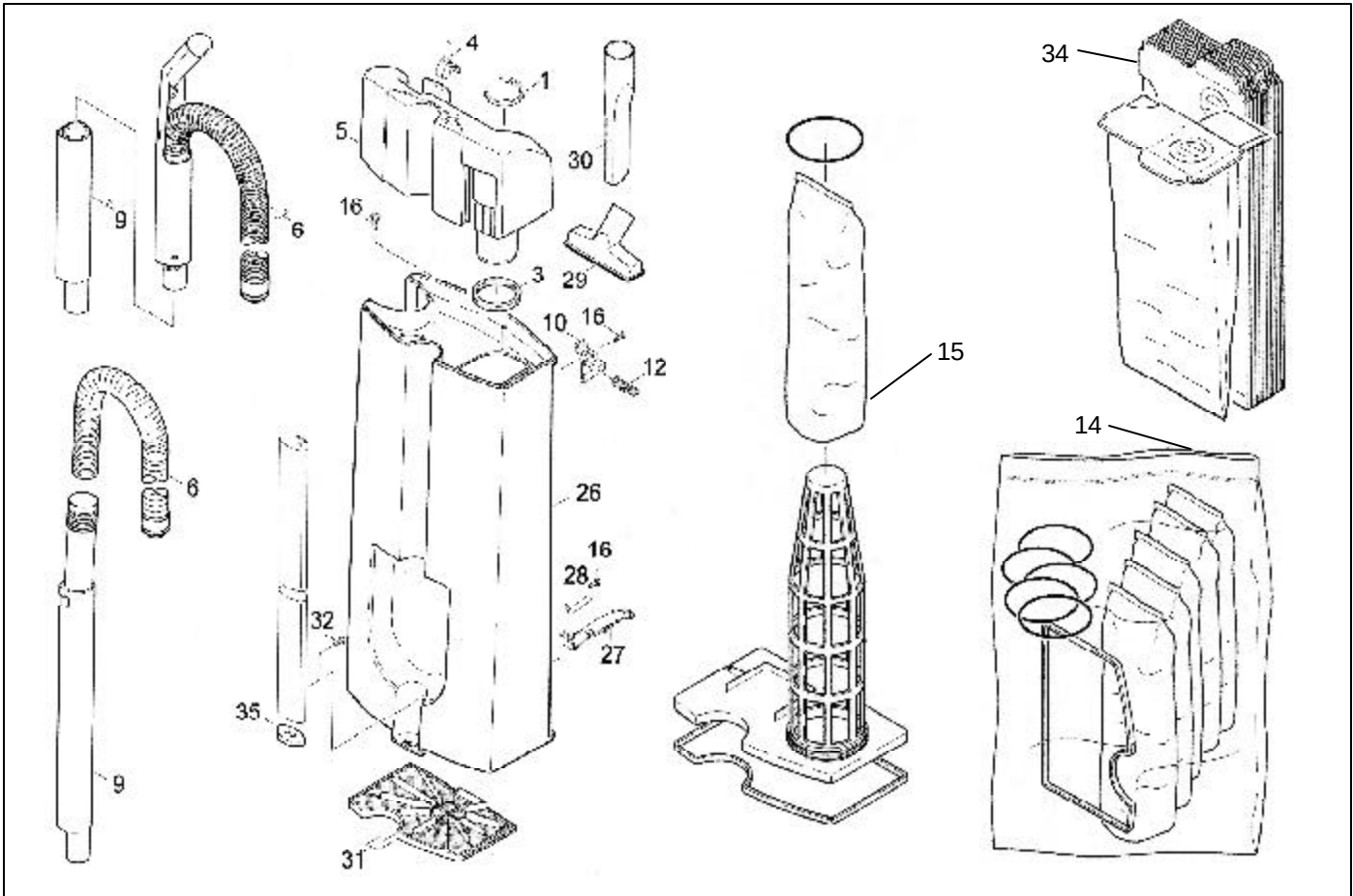
BRUSH HEAD - BOTTOM PART

ITEM	PART NO.	DESCRIPTION	QTY.
	7292821	BRUSH HEAD ASSEMBLY COMPLETE - 115 VOLT - MARSHALL 14	1
	7293121	BRUSH HEAD ASSEMBLY COMPLETE 115 VOLT - MARSHALL 18	1
1	6890871	SPRING - EXTENSION	1
2	6890851	AXLE - HEIGHT ADJUSTMENT - MARSHALL 14	1
	7293261	AXLE - HEIGHT ADJUSTMENT - MARSHALL 18	1
3	6890861	WHEEL - HEIGHT ADJUSTMENT	1
4	7293001	AXLE AND PEDAL ASSEMBLY - MARSHALL 14	1
	7293279	AXLE AND PEDAL ASSEMBLY - MARSHALL 18	1
5	6890901	CLIP - AXLE RETAINER	2
6	7293081	M3.5 X 13 SCREW	12
7	7292831	BOTTOM HOUSING - MARSHALL 14	1
	7293281	BOTTOM HOUSING - MARSHALL 18	1
8	7293091	M4 X 8 SCREW	2
9	6890791	COVER - END PLATE	1
10	6890801	END PLATE ASSEMBLY WITH BEARING	1
11	6890761	ROLLER BRUSH ASSEMBLY - MARSHALL 14	1
	7293291	ROLLER BRUSH ASSEMBLY - MARSHALL 18	1
12	6890811	END PLATE ASSEMBLY - PULLEY END	1
13	6890751	BRUSH PULLEY	1
15	7292861	BUMPER - MARSHALL 14	1
	7293301	BUMPER - MARSHALL 18	1
16	6891061	M4 X 16 OVAL HEAD SCREW	4
17	7292871	BRUSH SHOE - MARSHALL 14	1
	7293311	BRUSH SHOE - MARSHALL 18	1
18	6890881	BUSHING (SLEEVE) - MARSHALL 14	1
	7293321	CLIP - HEIGHT ADJUSTMENT - MARSHALL 18	1
19	6890781	BRUSH STRIP - BLACK - MARSHALL 14	1
	6890771	BRUSH STRIP - RED / HARD - MARSHALL 14	1
	7293331	BRUSH STRIP - BLACK - MARSHALL 18	1
	7293341	BRUSH STRIP - RED / HARD - MARSHALL 18	1
20	6891091	M5 X 16 OVAL HEAD TORX SCREW	1
21	7292211	M5 X 30 PAN HEAD TORX SCREW	3
22	7293031	FOOT PEDAL SPRING	1
23	7293011	FOOT PEDAL	1
24	6890911	WHEEL	2
25	6891131	WHEEL RETAINER	2
26	7292281	6.4 I.D. X 11.7 O.D. X 16 THICK FLAT WASHER - WHEEL AXLE	2
27	7293021	BRASS LOCKING SCREW	1
29	7292261	PLASTIC WASHER	1
30	7292271	M4.4 EXTERNAL STAR LOCK WASHER	1
31	7292971	AXLE SUPPORT LINK	1
32	7292961	AXLE CLIP	1
33	7292981	AXLE SUPPORT BLOCK	1
34	7293111	M4 WASHER	1

BRUSH HEAD - BOTTOM PART

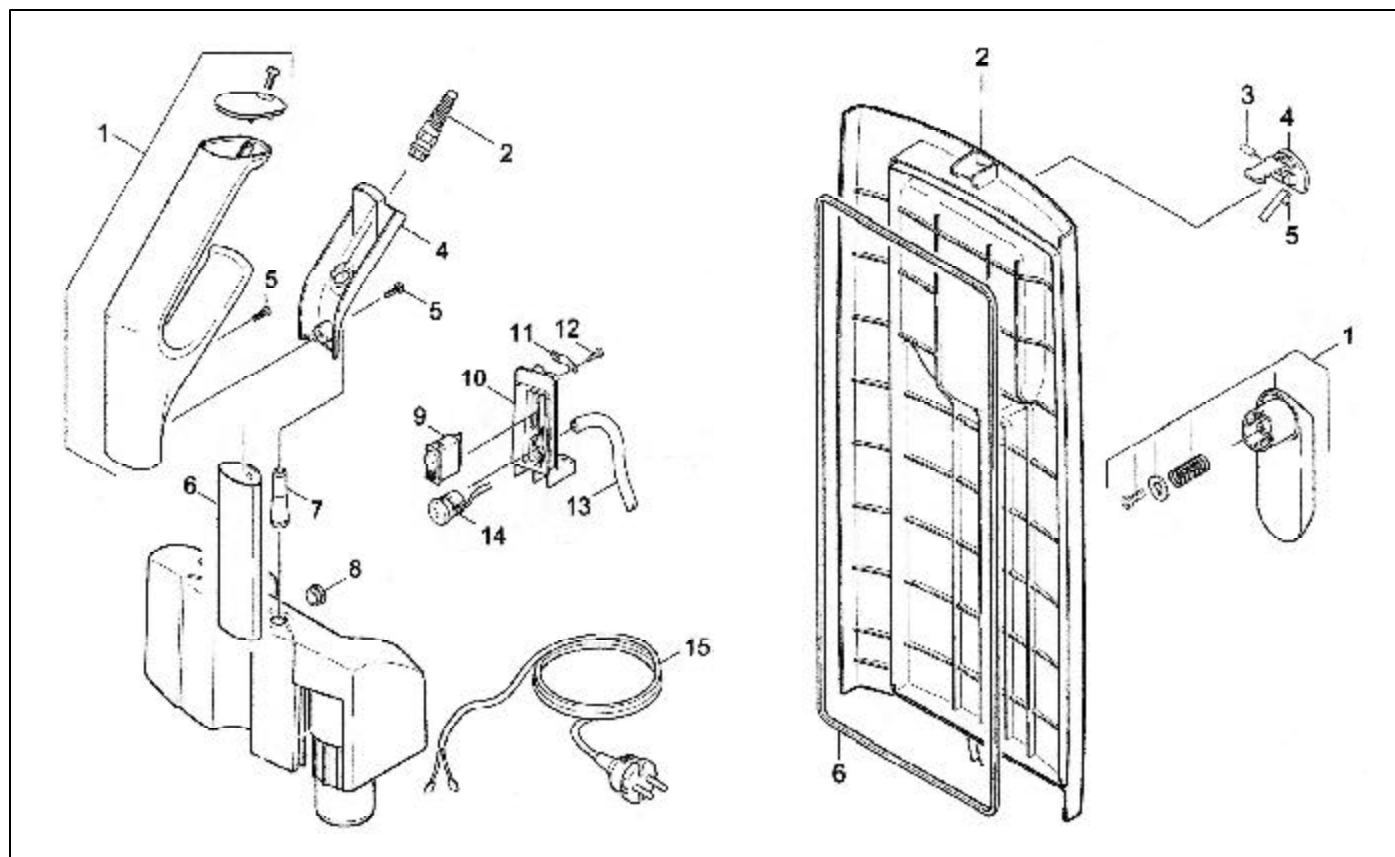


VAC HOUSING



ITEM	PART NO.	DESCRIPTION	QTY.
1	6890011	RETAINING SPRING - HOSE	1
3	6890101	SEAL - TANK	1
4	6890081	CLIP - UPHOLSTERY NOZZLE	1
5	7292751	HOUSING UPPER	1
6	6890051	SUCTION HOSE WITH UPPER TUBE HANDLE	1
	6890021	SUCTION HOSE ONLY	1
9	6890031	LOWER SUCTION TUBE	1
10	6890121	SAFETY STOP	1
12	6890131	SPRING - SAFETY STOP	1
14	6892011	MICRO FILTER BAGS - 5 PACK	1
15	6890171	FILTER - MICRO - ACCESSORY	1
16	6891031	M4 X 12 ROUND WASHER HEAD THREAD CUTTING SCREW	4
26	7292761	HOUSING - BAG	1
27	6890141	GUIDE - FILTER	1
28	6890151	SPRING - COMPRESSION	1
29	6890251	TOOL - UPHOLSTERY	1
30	6890261	TOOL - CREVICE	1
31	6890161	FILTER - SAFETY	1
32	7293071	M4 X 10 SCREW	3
34	6890241	FILTER BAG - 10 PACK	1
	6892001	CLOTH BAG - OPTIONAL ACCESSORY	1
35	6890961	STOP - HANDLE TUBE	1
NOT SHOWN	7293361	DUST BRUSH	1
	7293351	EXTENSION TUBE - OPTIONAL	1

HANDLE AND DOOR



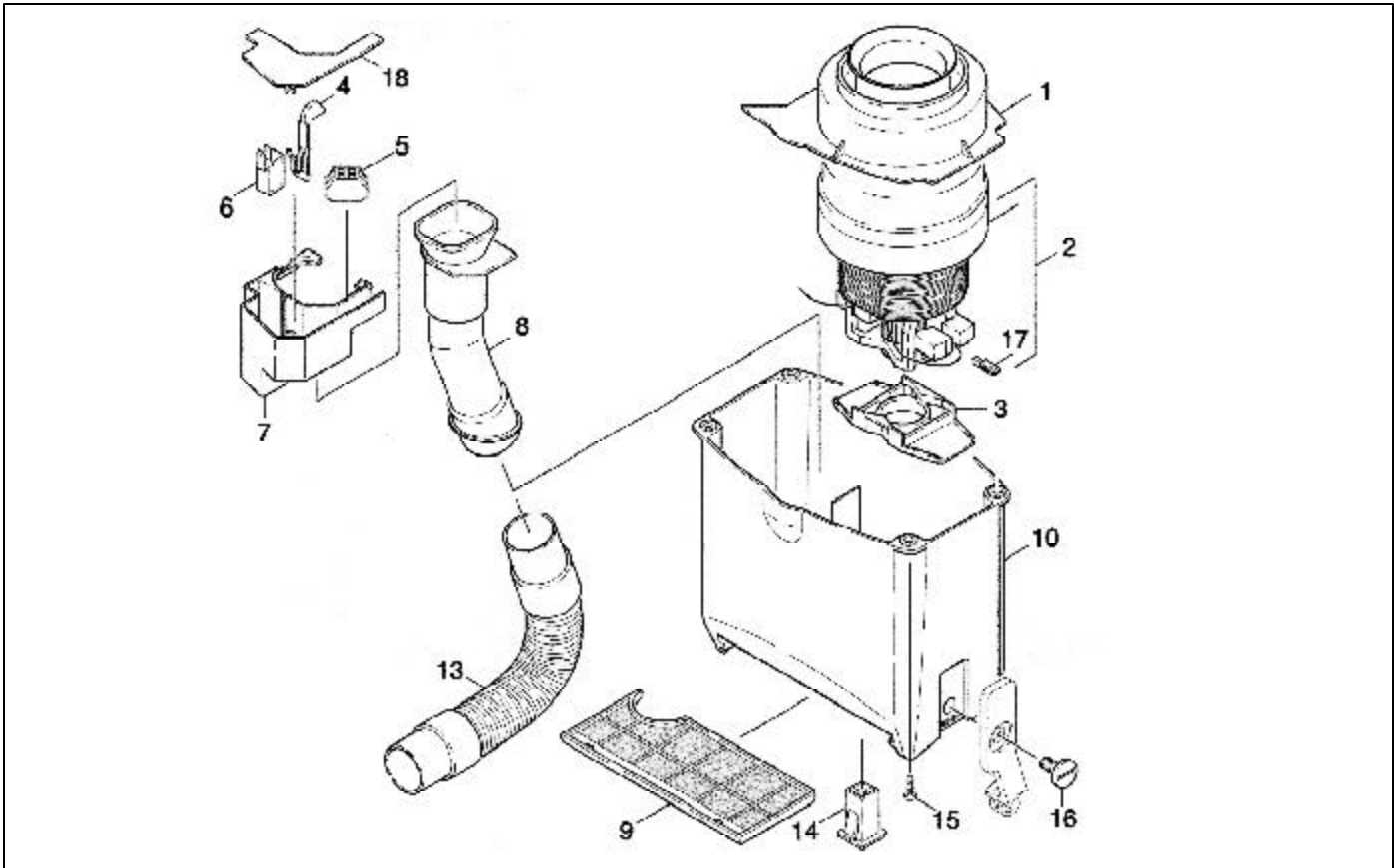
HANDLE

ITEM	PART NO.	DESCRIPTION	QTY.
1	7292781	HANDLE	1
2	7292791	STRAIN RELIEF	1
4	7293041	BACK - FOR ONE PIECE HANDLE	1
5	7293071	M4 X 10 SCREW	2
6	7292901	TUBE - HANDLE	1
7	7292951	BUSHING - CORD PROTECTION	1
8	7292931	CABLE BUSHING	1
9	7292921	SWITCH - ON / OFF	1
10	7292881	HOUSING - SWITCH AND LIGHT	1
11	7293061	WIRE RETAINER	1
12	7293081	M3.5 X 13 SCREW	2
13	7292911	HOSE - TO BAG FULL LIGHT	1
14	6890301	LIGHT - INDICATOR - BAG FULL - 115 VOLT	1
	6892311	LIGHT - INDICATOR - BAG FULL - 100 VOLT	1
15	7292941	WALL CORD - 3 WIRE - 115 VOLT	1
	6892301	WALL CORD - 3 WIRE - 100 VOLT	1
NOT SHOWN	7292891	INTERNAL WIRING	1

DOOR

ITEM	PART NO.	DESCRIPTION	QTY.
1	6890181	DOOR HANDLE ASSEMBLY	1
2	7292771	DOOR - COMPLETE WITH SEAL, LATCH AND HANDLE	1
3	6890201	PIN - GROOVED LATCH	1
4	6890191	LATCH - TANK DOOR	1
5	6890211	SPRING - LATCH	1
6	6890231	SEAL - TANK DOOR	1

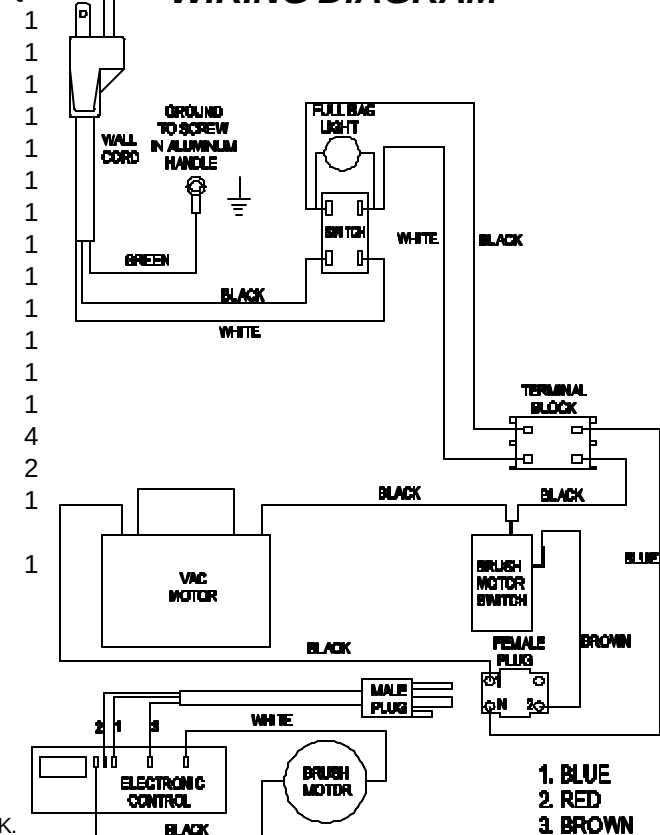
VAC MOTOR



ITEM	PART NO.	DESCRIPTION
1	7292111	SEAL - VAC MOTOR
2	7292131	VACUUM MOTOR 115 VOLT
	6890401	VACUUM MOTOR 100 VOLT
3	7292121	MOTOR SUPPORT
4	6890551	BRACKET - MICRO SWITCH
5	6890561	TERMINAL BLOCK
6	6890541	MICRO SWITCH
7	6890531	COVER - CONNECTING TUBE
8	6890521	TUBE - HOSE CONNECTING
9	6890471	FILTER - EXHAUST
10	6890481	HOUSING - VAC MOTOR
13	6890501	HOSE - BRUSH HEAD - VAC HOUSING
14	6890491	ELECTRIC PLUG - FEMALE
15	6891091	M5 X 16 TORX HEAD SCREW
16	6890711	M8 X 13 SCREW
17	7292091	CARBON BRUSH 115 VOLT
	6890431	CARBON BRUSH 100 VOLT
18	6890571	PLATE - TUBE COVER

QTY.

WIRING DIAGRAM



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