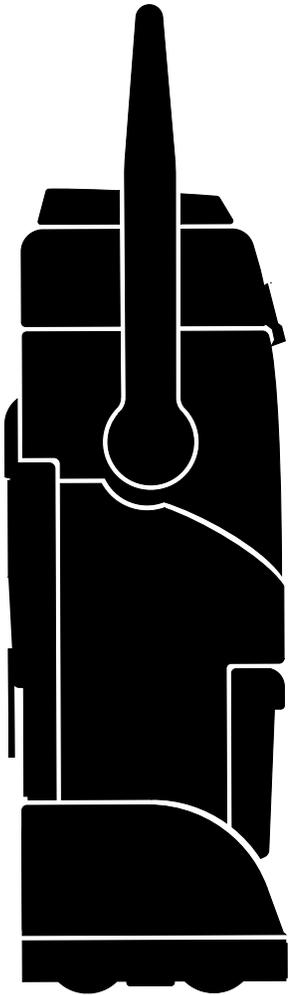


host[®]

The Dry Extraction
Carpet Cleaning System



EVM - Liberator™

REPAIR PARTS CATALOG NO. M50206(K)

FOR MACHINES STARTING WITH
SERIAL NO. 5100

ISSUED AUGUST 2003

ORDERS

Please use part numbers when ordering
and include the serial number of the machine
(stamped on the electrical data plate) to insure
that you will receive the correct parts.

Order from your HOST Distributor.

***SAVE THESE INSTRUCTIONS
READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE***

WHEN USING AN ELECTRICAL APPLIANCE, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Inspect cord for damage before each use. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Turn off all controls before unplugging.
12. Do not use Liberator™ to clean stairs.
13. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
14. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
15. Do not use without filters in place.
16. Connect to a properly grounded outlet only. See Grounding Instructions.
17. This appliance is to be used with HOST® carpet cleaning products only. Use of other cleaning products may damage this appliance.
18. Do not use for picking up health endangering dust such as asbestos.
19. This is a commercial appliance, not intended for household use.

GROUNDING INSTRUCTIONS

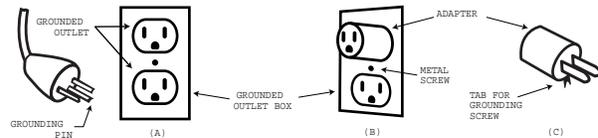
This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment-grounding conductor can result in the risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

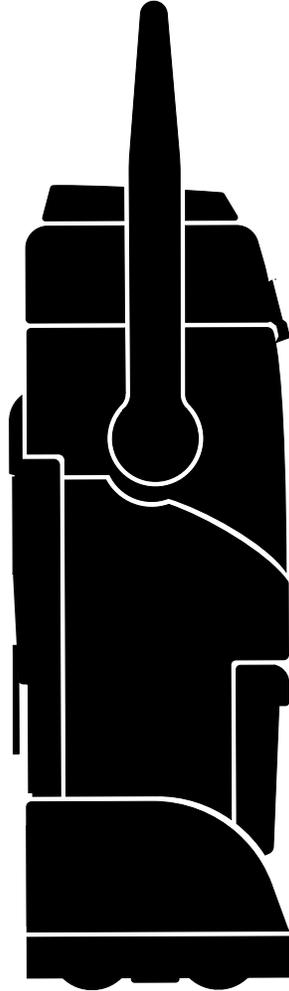
This appliance is for use on a nominal 120 volt circuit, and has a grounded plug that looks like the plug illustrated in sketch A. A temporary adapter that looks like the adapter illustrated in sketches B and C may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.

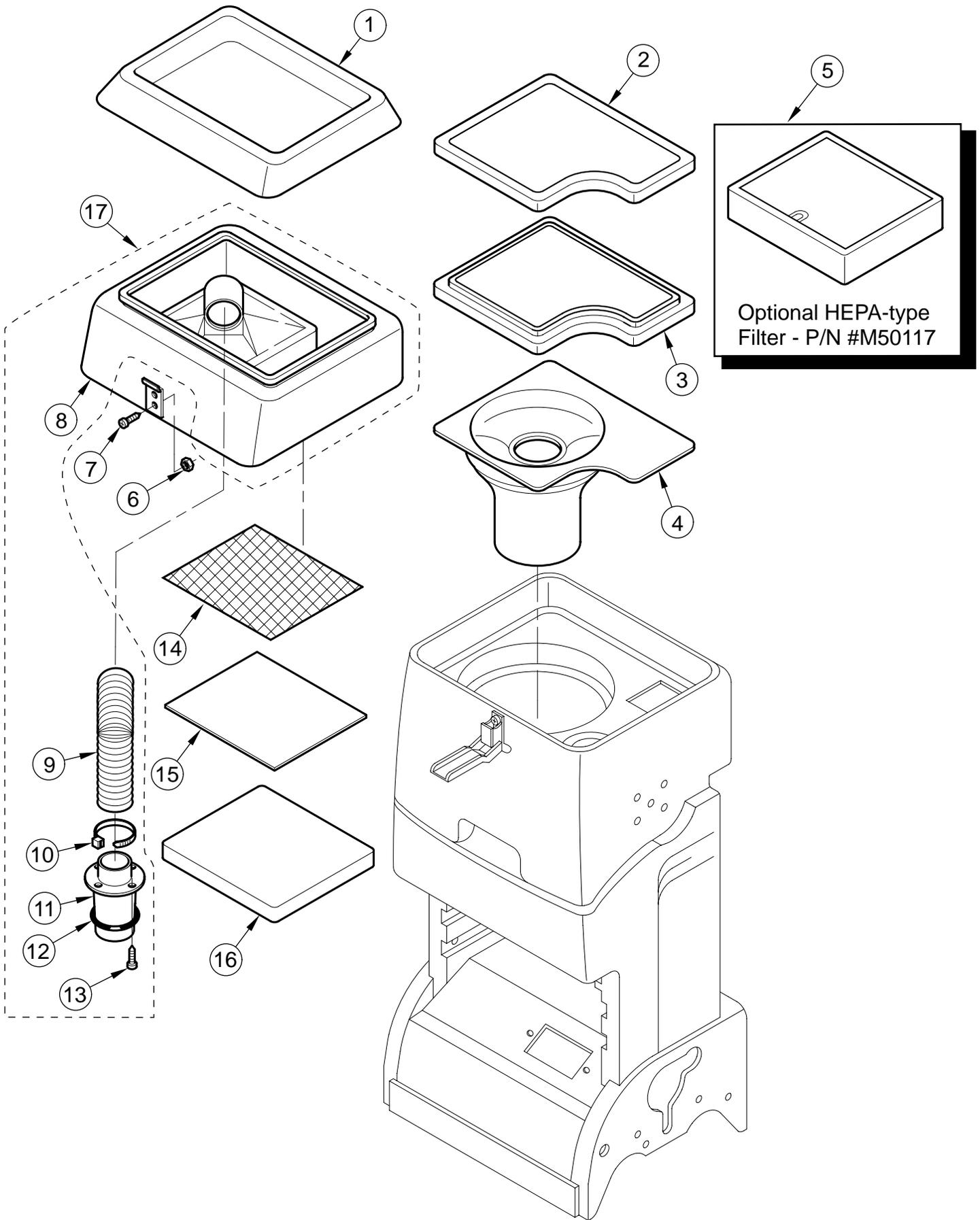
Note: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.

Grounding Methods

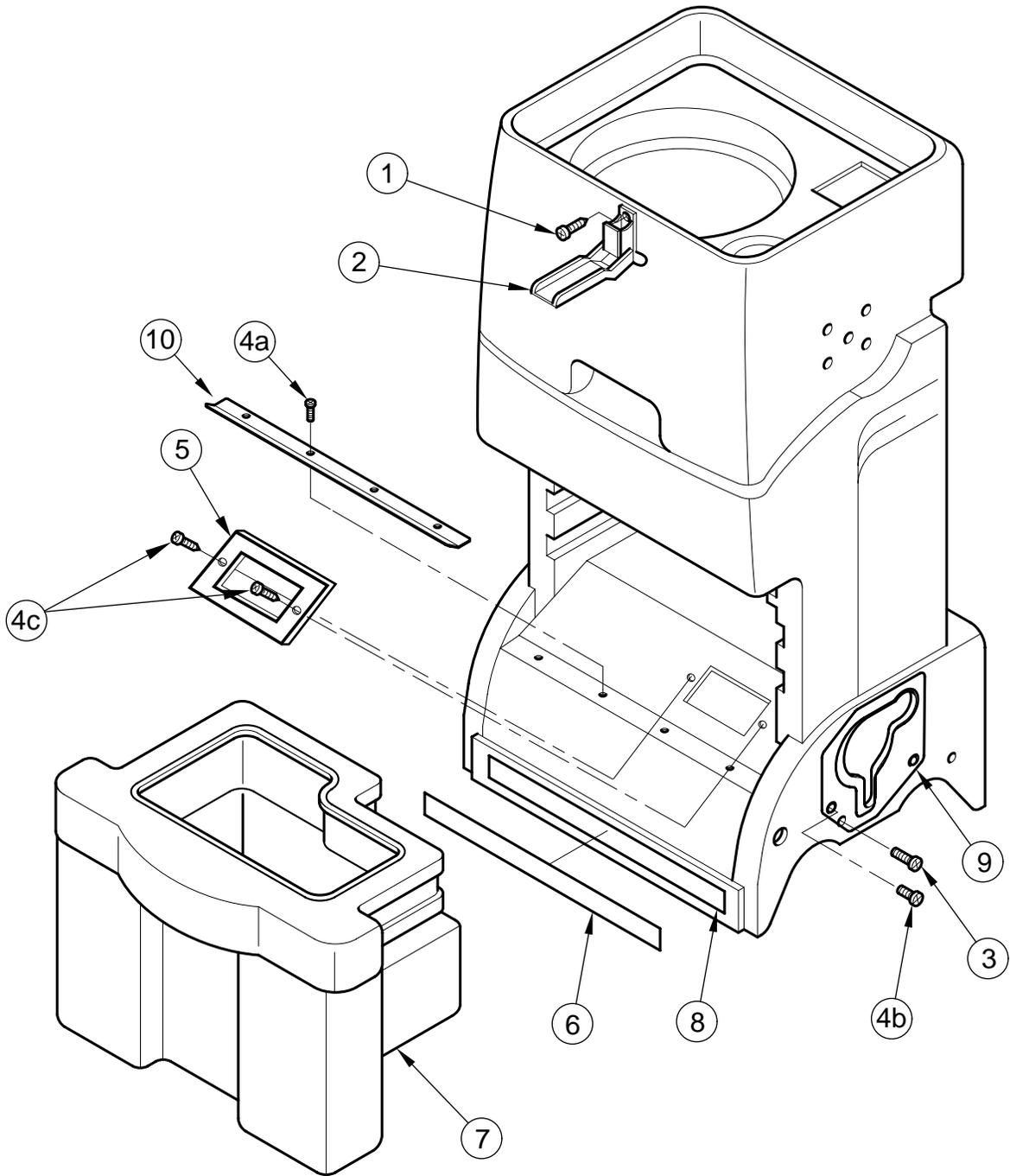


Safety Instructions _____	2
Grounding Instructions _____	3
Filter Assembly _____	6/7
Vac Pod Front _____	8/9
Vac Pod Rear _____	10/11
Brush End Cover _____	12/13
Back Panel Assembly _____	14/15
Handle Assembly _____	16/17
Motor Case Assembly _____	18/19
Gear Case Assembly _____	20/21
Inner Gear Case Assembly _____	22/23
Vac Motor Assembly _____	24/25
Hood and Nozzle Assembly _____	26/27
Caddy _____	28/29
Caddy with Mounting Bar _____	30/31
Wiring Diagram 100/120V _____	32
Wiring Diagram 220/240V _____	33
Notes _____	34/35



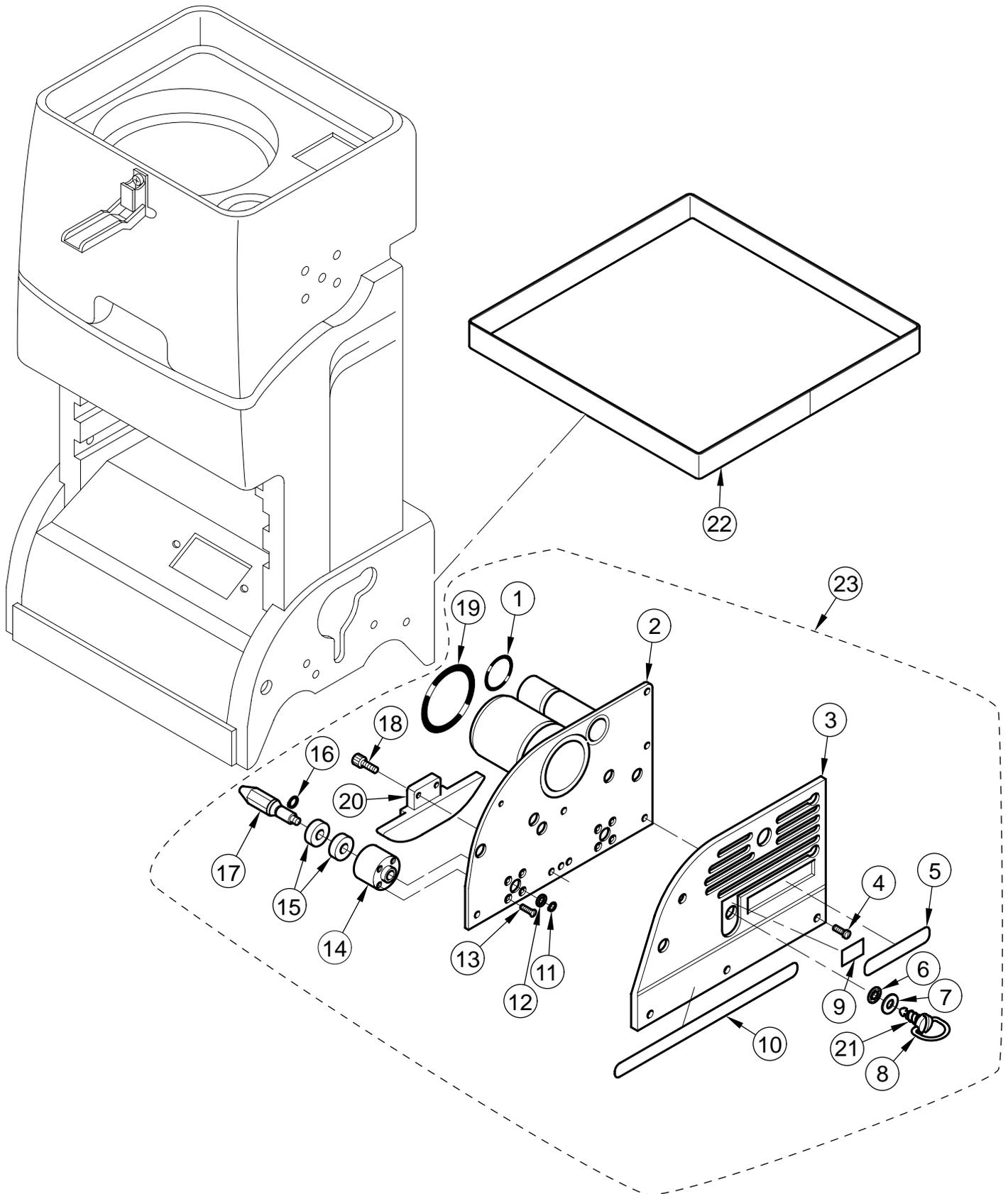


Code Number	Part Number	Description
1	M50001	Cover - Filter Housing
2	M50040	Filter - Black Rim
3	M50039	Filter - Orange Rim
4	M50116	Separator Assembly
5	M50117	HEPA-type Filter - Optional
6	466A	Nut 8-32 – (4) Req'd
7	H1072	Screw 8-32 x ½" – (4) Req'd
8	M50002	Filter Housing
9	M30048	Vacuum Hose
10	X206	Cable Tie
11	M30021	Plug-Filter Housing
12	M30022	O-Ring, 2" OD
13	M30145	Screw 8-32 x ½" Thread Forming – (4) Req'd
14	M50332	Backing Screen
15	M50333	Felt Filter
16	M50334	Foam Filter
17	M50115	Filter Housing Asm (Includes Code Nos 8-13)

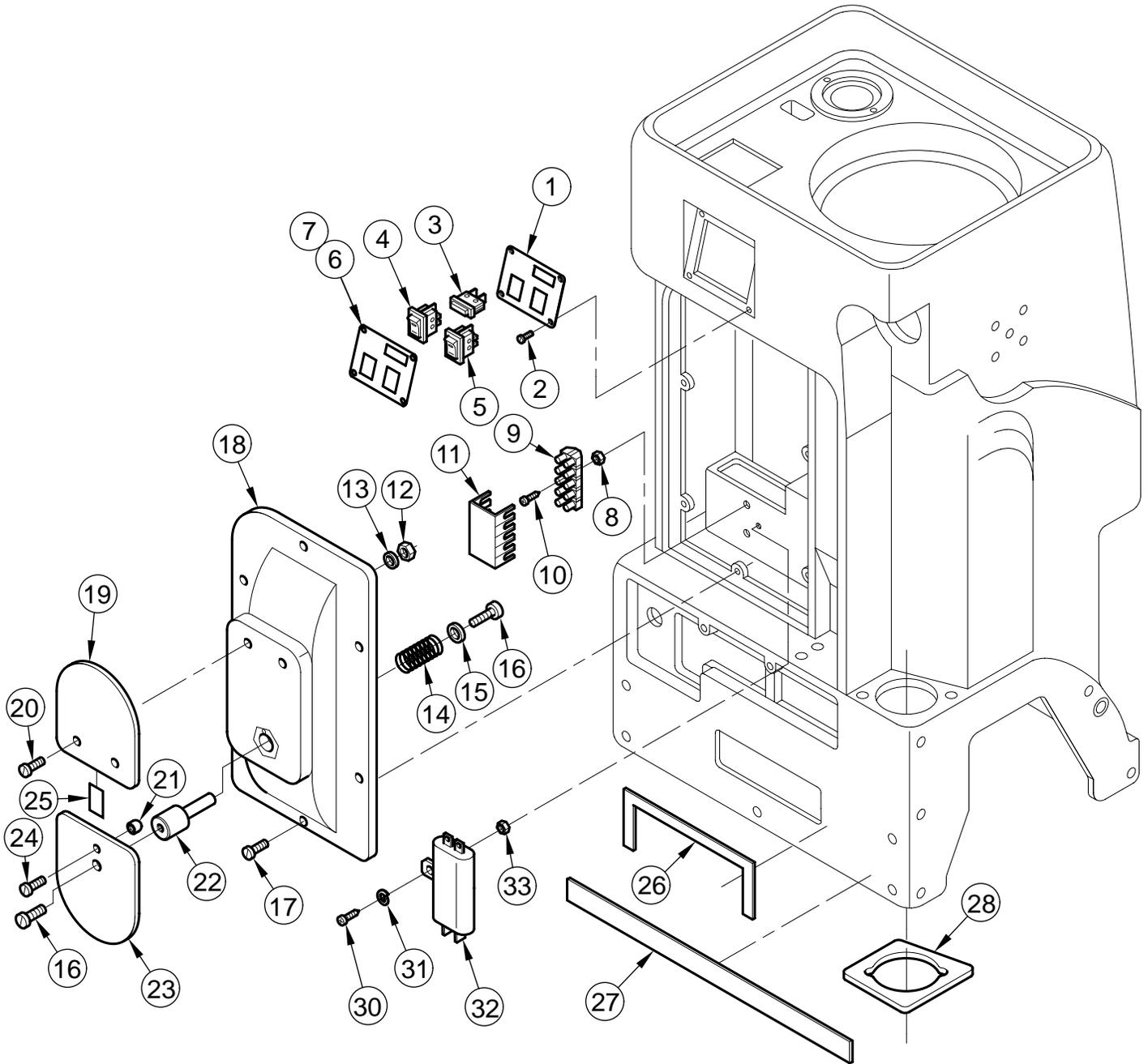


Code Number	Part Number	Description
1	D31A	Screw 8-32 x $\frac{3}{8}$ " – (4) Req'd
2	M30028	Latch Assembly – (2) Req'd
3	H1072	Screw 8-32 x $\frac{1}{2}$ " – (2) Req'd
4	M30145	Screw 8-32 x $\frac{1}{2}$ " Thread Forming a.) (4) Req'd – Air Deflector to Pod b.) (2) Req'd – Inner Hood to Pod c.) (2) Req'd – Access Plate Asm to Pod
5	M50377	Access Plate Assembly
6	M30135	Velcro Strip (Hook Style)
7	M50120	Bagless Hopper Assembly
8	M50093	Filler Gasket - Front
9	M50198	Gasket - End Plate to Pod
10	M50200	Air Deflector

Code Number	Part Number	Description
1	M30145	Screw 8-32 x 1/2" Thread Forming – 16 Req'd a.) (2) Req'd – Flange to Pod b.) (6) Req'd – End Plate/Retainer ASM to Pod c.) (6) Req'd – Back Cover Plate to Pod d.) (2) Req'd – Nozzle to Pod
2	M30020	Flange
3	M30058	Brush - Filter Cleaning
4	M50068	Decal - Filter Instruction
5	M30057	Strain Relief
6	M50042	Power Cord
7	M50210	Power Cord - Export, 230V
8	M50010	Pod
9	M50092	Gasket
10	M50329	End Plate/Retainer Asm (Includes Code No. 33)
11	M50087	Velcro Strip (Hook Style)
12	M30215	Screw 1/4"-20 x 1/2" – (2) Req'd
13	M50102	Post - Mounting Crevice Tool
14	M50086	Foam Filter
15	M50014	Back Cover Plate
16	M30135	Velcro Strip (Hook Style)
17	M50066	Decal (Back Panel Removal)
18	M30027	Hose Cuff
19	M50098	Hose - Vac (2" Diameter Black)
20	M30156	Vac Elbow Assembly
21	M50195	Gasket - Vacuum Motor to Pod
22	M50094	Gasket - Back Panel to Pod – (2) Req'd
23	M30030	Crevice Tool
24	M4163	Plug - European
25	M4206	Plug - UK
26	M4181	Plug - Swiss
27	M4343	Plug - Italy
28	M4241	Plug - Australia
29	M4338	Plug - Israel
30	M4344	Plug - Denmark
31	D31A	Screw 8-32 x 3/8" – (2) Req'd (Lower LH Corner)
32	F210	Washer - Flat – (2) Req'd
33	M50328	Foam Filter

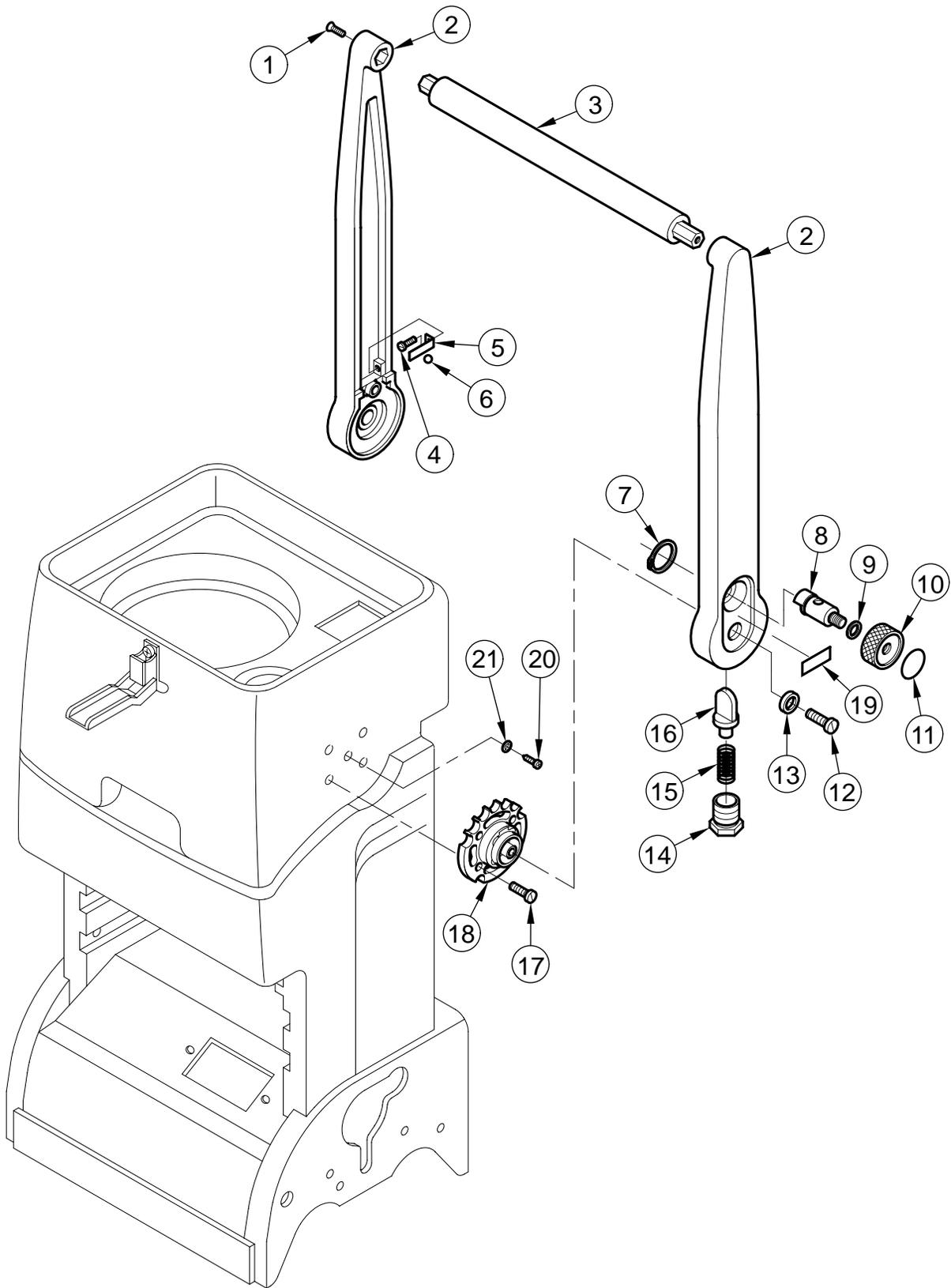


Code Number	Part Number	Description
1	M50052	O-Ring, 1½" OD
2	M50109	Backing Plate and Tube Assembly
3	M50012	Plastic End Cover
4	M50156	Screw 8-32 x ¼" – (6) Req'd
5	M30417	Decal - Power Disconnect
6	M50132	Retainer
7	M50130	Wear Washer
8	M50128	¼ Turn Stud
9	M50065	Decal Brush Plate Removal
10	M50087	Velcro Strip (Hook Style)
11	M30104	Retaining Ring - ¼" Shaft – (2) Req'd
12	W529	Washer ½" OD x ¼" ID Nylon – (2) Req'd
13	M50153	Screw 8-32 x ⅜" – (8) Req'd
14	M50031	Housing - Bearing – (2) Req'd
15	M50037	Bearing – (4) Req'd
16	M50157	Retaining Ring – (2) Req'd
17	M50028	Hex Shaft, Short – (2) Req'd
18	D31A	Screw 8-32 x ⅜" – (2) Req'd
19	M50053	O-Ring, 3" OD
20	M50190	Ski - Brush Guard Support
21	M50131	Spring
22	M50081	Skirt
23	M50404	End Plate, Hex Idler Asm (Includes Code Nos 1-21)



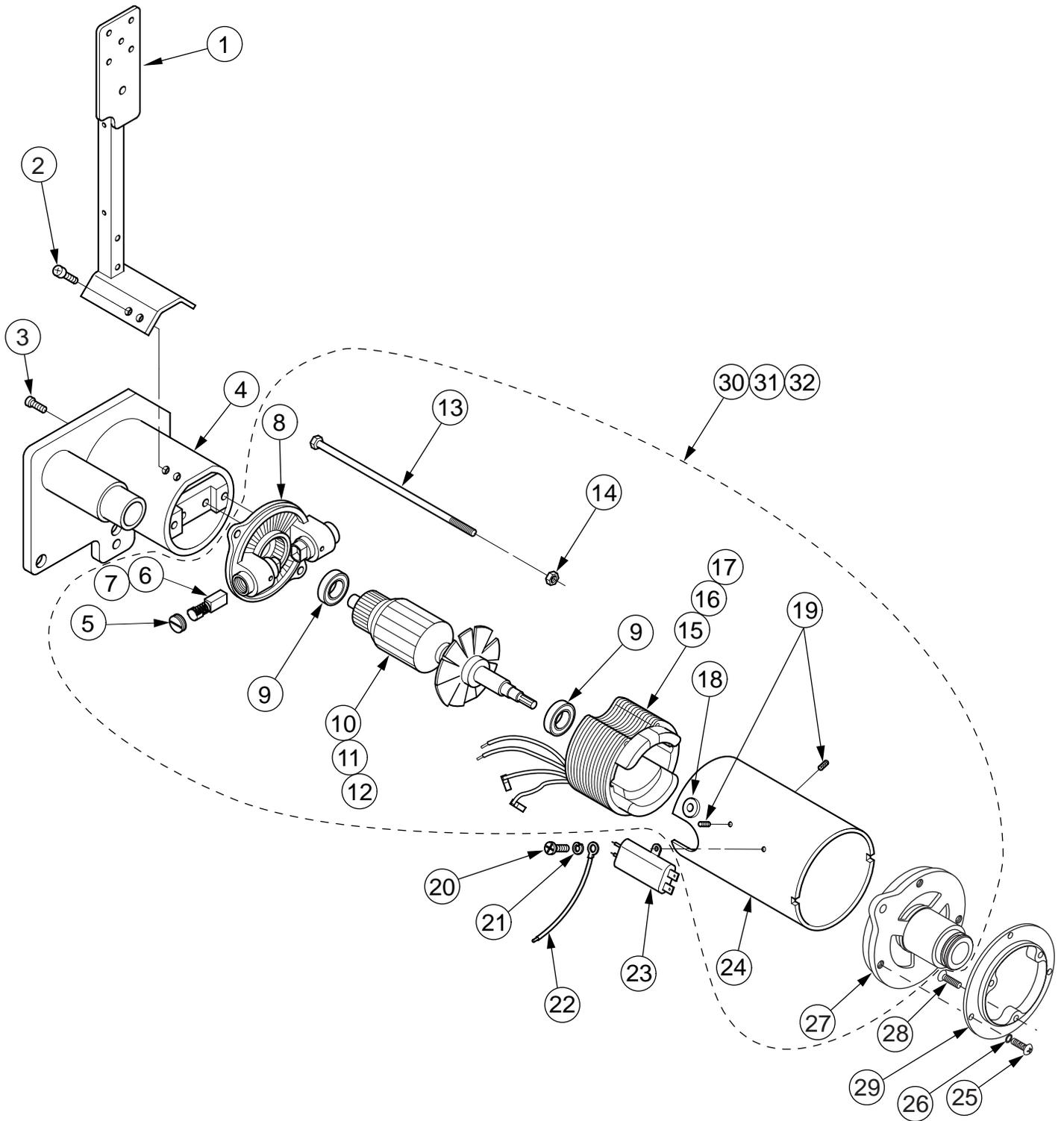
Code Number	Part Number	Description
1	M50060	Switch Plate
2	V703A	Screw #4 x $\frac{3}{8}$ " - (4) Req'd
3	M30051	Indicator Lamp
4	M50085	Rocker Switch (Grey)
5	M30050	Rocker Switch (Blue)
6	M50071	Decal - 120V
7	M50231	Decal - 220/240V
8	466A	Nut 8-32 - (2) Req'd
9	M30053	Terminal Block
10	M30147	Screw 8-32 x $\frac{7}{8}$ " - (2) Req'd
11	M30054	Terminal Block Cover
12	X415	Nut $\frac{1}{4}$ "-20 - (2) Req'd
13	F210	Washer $\frac{7}{8}$ " OD - (2) Req'd
14	M50193	Spring
15	U1018A	Washer
16	H1072	Screw 8-32 x $\frac{1}{2}$ " - (2) Req'd
17	D31A	Screw 8-32 x $\frac{3}{8}$ " - (6) Req'd
18	M50008	Back Panel
19	M50032	Cord Hook, Top
20	M50152	Screw $\frac{1}{4}$ "-20 x $\frac{5}{8}$ " - (2) Req'd
21	M50018	Button
22	M50019	Stud - Cord Hook, Brass
23	M50033	Cord Hook, Bottom
24	M50154	Screw 8-32 x $\frac{3}{16}$ "
25	M50069	Decal
26	M50197	Gasket - "U" Shape
27	M50196	Gasket - Back
28	M50194	Gasket - Nozzle to Pod
29	M30382*	Circuit Breaker (220/240V only)
30	M50154	Screw 8-32 x $\frac{3}{16}$ "
31	M5005	Lockwasher
32	M4222	RFI Filter - Vacuum Motor (230V only)
33	466A	Nut 8-32

* Not Illustrated

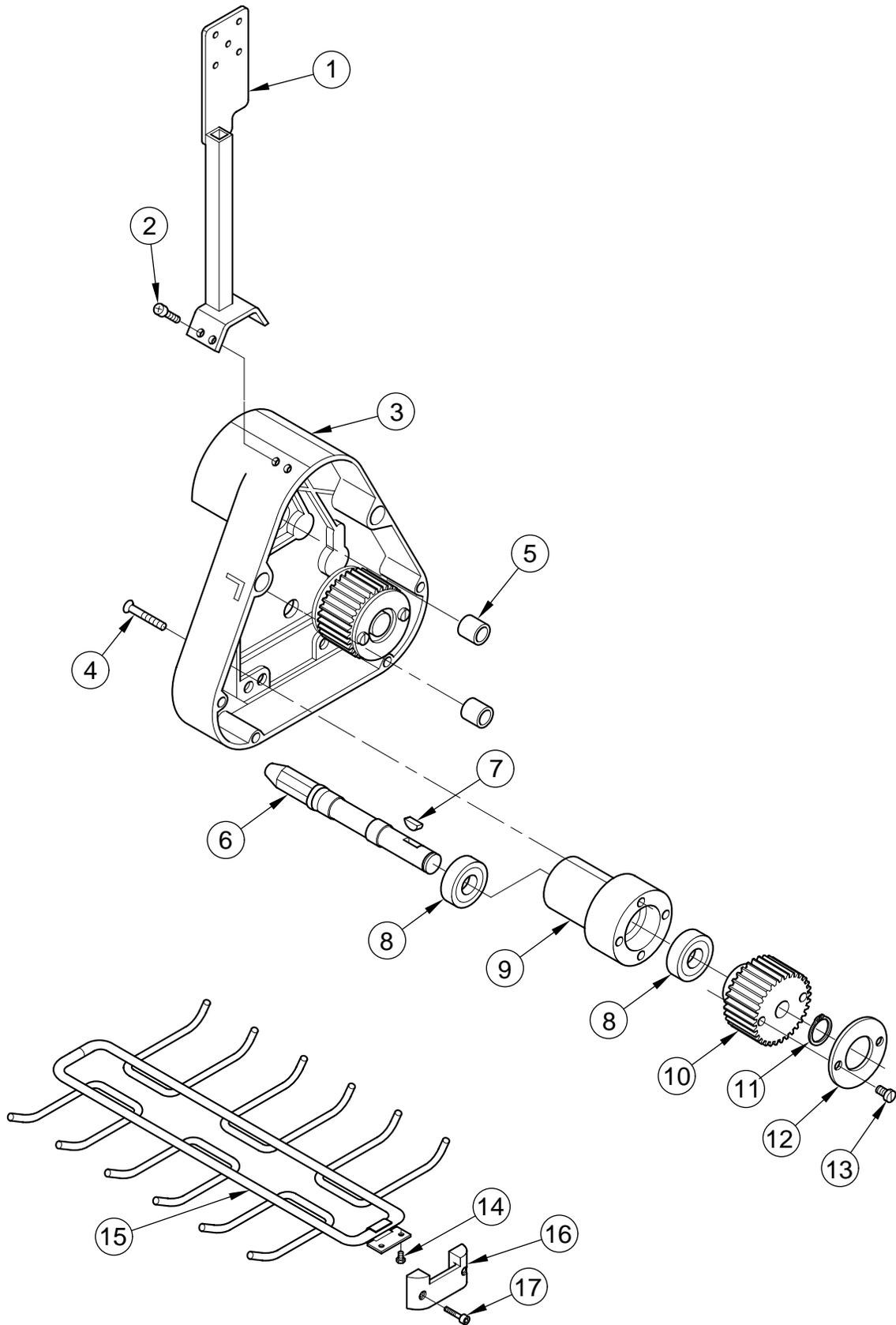


Code Number	Part Number	Description
1	M50399	Screw 10-32 x 1¼"
2	M50056	Handle Upright
3	M50057	Handgrip – (1) Req'd
4	M50346	Screw 6-32 x ⅛"
5	M50158	"L" Spring - Ball Retainer
6	W242	¼" Diameter Ball
7	M2008	Snap Ring
8	M50047	Shaft - Handle Lock
9	M50233	Washer, Black Nylon
10	M50049	Knob, Knurled
11	M50070	Decal, Round
12	M50152	Screw ¼"-20 x ⅝"
13	H1154	Washer, Black Nylon
14	M50054	Nut, Brass
15	M50159	Spring
16	M50046	Temporary Detent Assembly
17	M50151	Screw 10-32 x ¾" – (8) Req'd
18	M50045	Handle Pivot Sprocket
19	M50201	Decal Strip
20	M30215	Screw ¼"-20 x ½"
21	F210	Washer

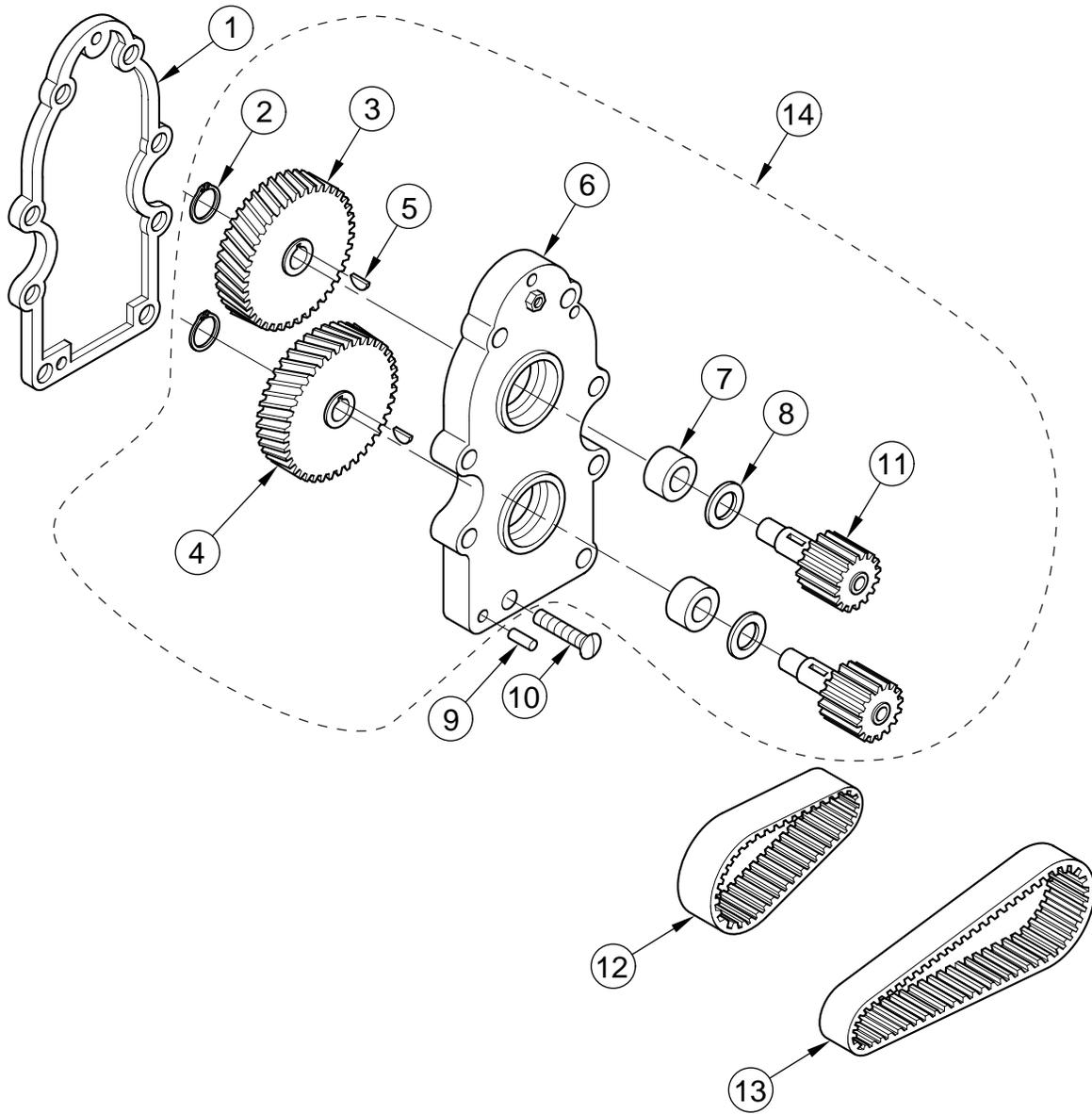
Note: (2) of each above required unless otherwise noted.



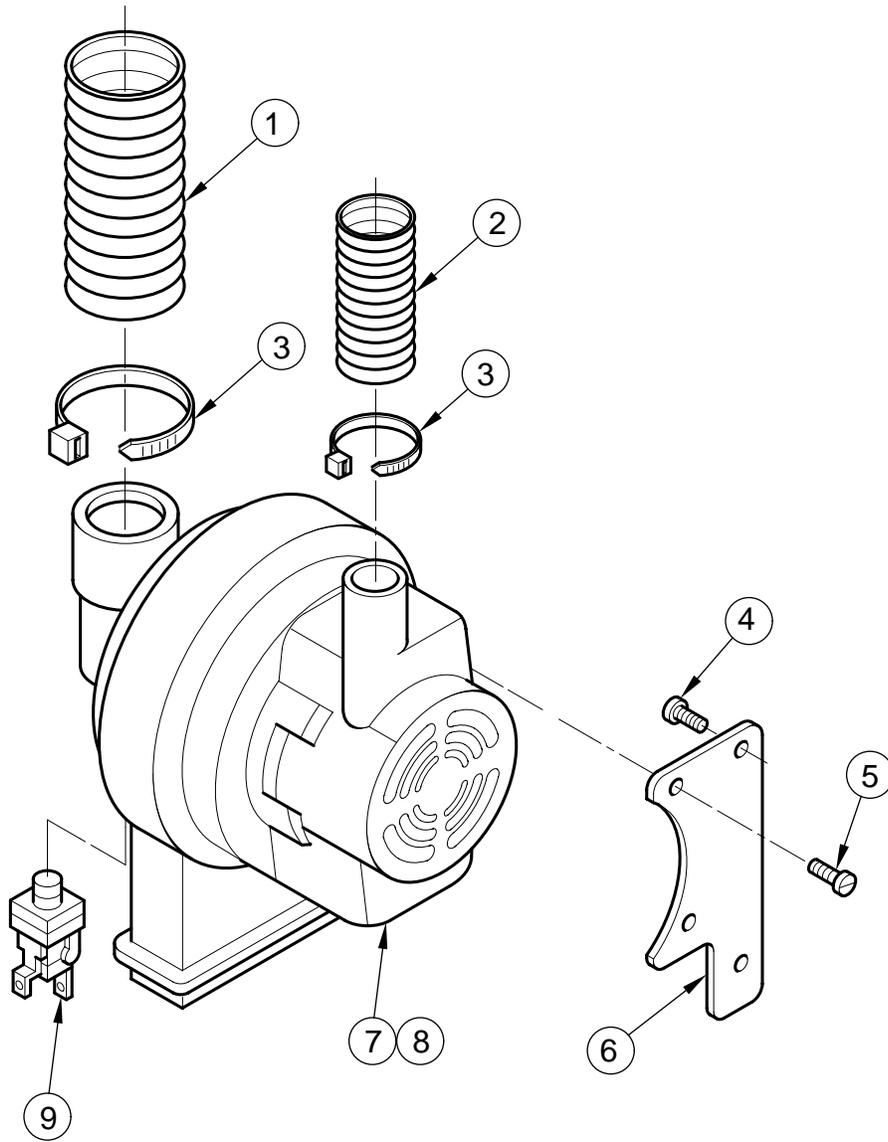
Code Number	Part Number	Description
1	M50076	Support Plate Assembly, Long
2	M30215	Screw ¼"-20 x ½" – (4) Req'd
3	H1070	Screw ¼"-20 x 1¼" – (2) Req'd
4	M50022	Exhaust Tube Assembly
5	1213	Cap-Carbon Brush Holder – (2) Req'd
6	M50367	Carbon Brush-120V – (2) Req'd
7	M50385	Carbon Brush-220V – (2) Req'd
8	M50379	Commutator End Bell Assembly
9	D443	Bearing – (2) Req'd
10	M50363	Armature-120V
11	M50383	Armature-220V
12	M50387	Armature-100V
13	M50373	Screw ¼"-20 x 7¼" – (2) Req'd
14	X415	Nut – (2) Req'd
15	M50365	Field Assembly-120V
16	M50384	Field Assembly-220V
17	M50388	Field Assembly-100V
18	M9008	Grommet
19	F1721	Set Screw – (2) Req'd
20	M50154	Screw 8-32 x ¾"
21	M5005	Lockwasher
22	M50166	Groundwire Assembly
23	U1193	RFI Filter-Brush Motor (230V only)
24	M50362	Motor Housing
25	F2771	Screw 10-32 x ½" – (3) Req'd
26	D277	Lockwasher – (3) Req'd
27	M50253	Fan End Bell Assembly
28	M50251	Screw 10-24 x ¾" – (3) Req'd
29	M50250	Adaptor Ring
30	M50409	Motor Asm - 120V
31	M50386	Motor Asm - 230V
32	M50390	Motor Asm - 100V



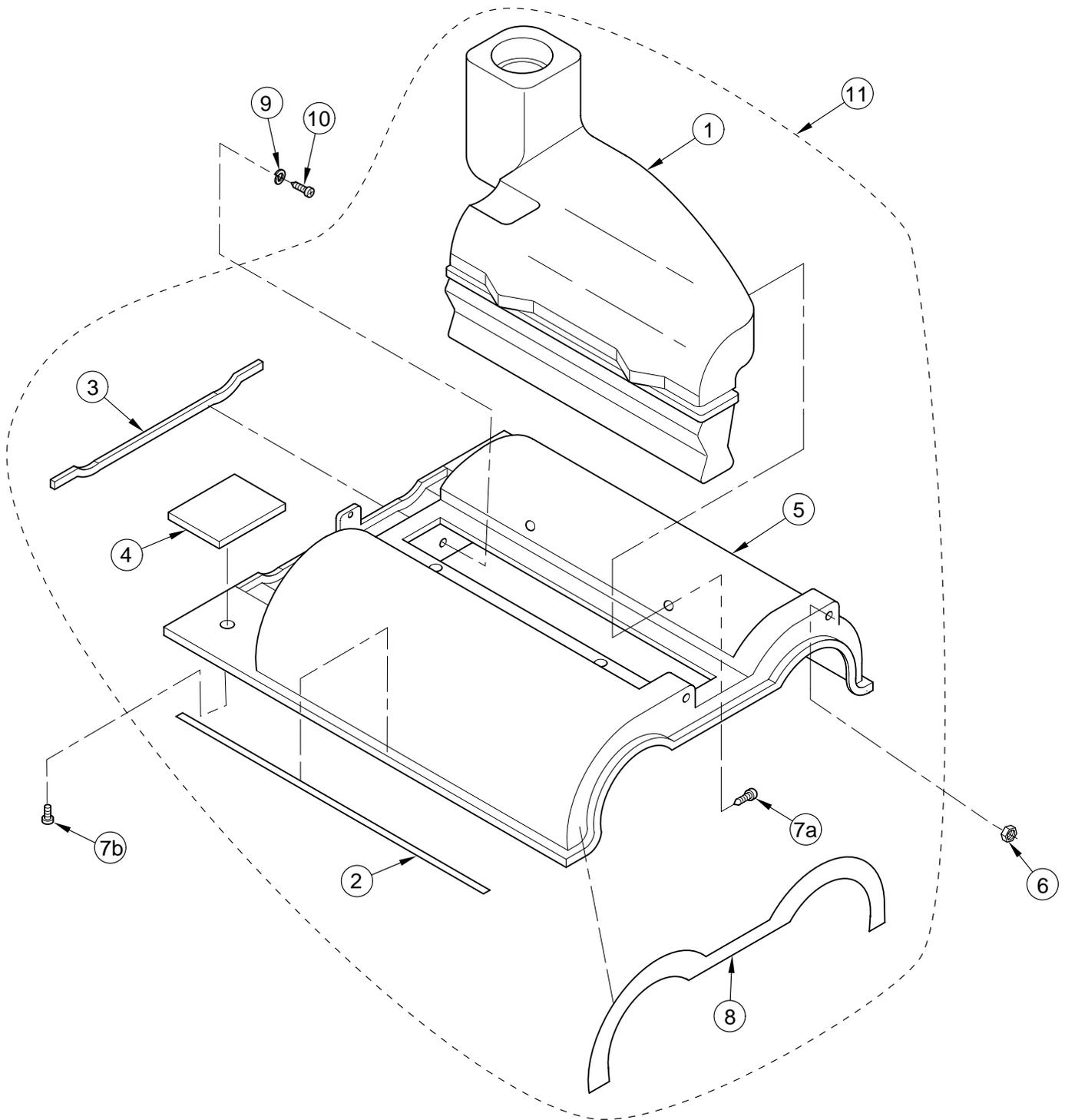
Code Number	Part Number	Description
1	M50077	Support Plate Assembly, Short
2	M30215	Screw ¼"-20 x ½" – (4) Req'd
3	M50017	Outer Gearcase
4	M50155	Screw 8-32 x ⅝" – (8) Req'd
5	M6003A	Bearing, ½" OD – (2) Req'd
6	M50029	Hex Shaft, Long – (2) Req'd
7	34A	Woodruff Key – (2) Req'd
8	U1602A	Bearing – (4) Req'd
9	M50030	Bearing Housing – (2) Req'd
10	M50358	Pulley – (2) Req'd
11	M2008	Retaining Ring – (2) Req'd
12	M2009A	Flange, Pulley – (2) Req'd
13	VM56A	Screw 6-32 x ⅝" – (4) Req'd
14	F2771	Screw 10-32 x ½" – (2) Req'd
15	M50107	Brushguard Assembly
16	M50191	Ski - Brushguard Cover
17	M50199	Screw 8-32 x ⅝" – (2) Req'd



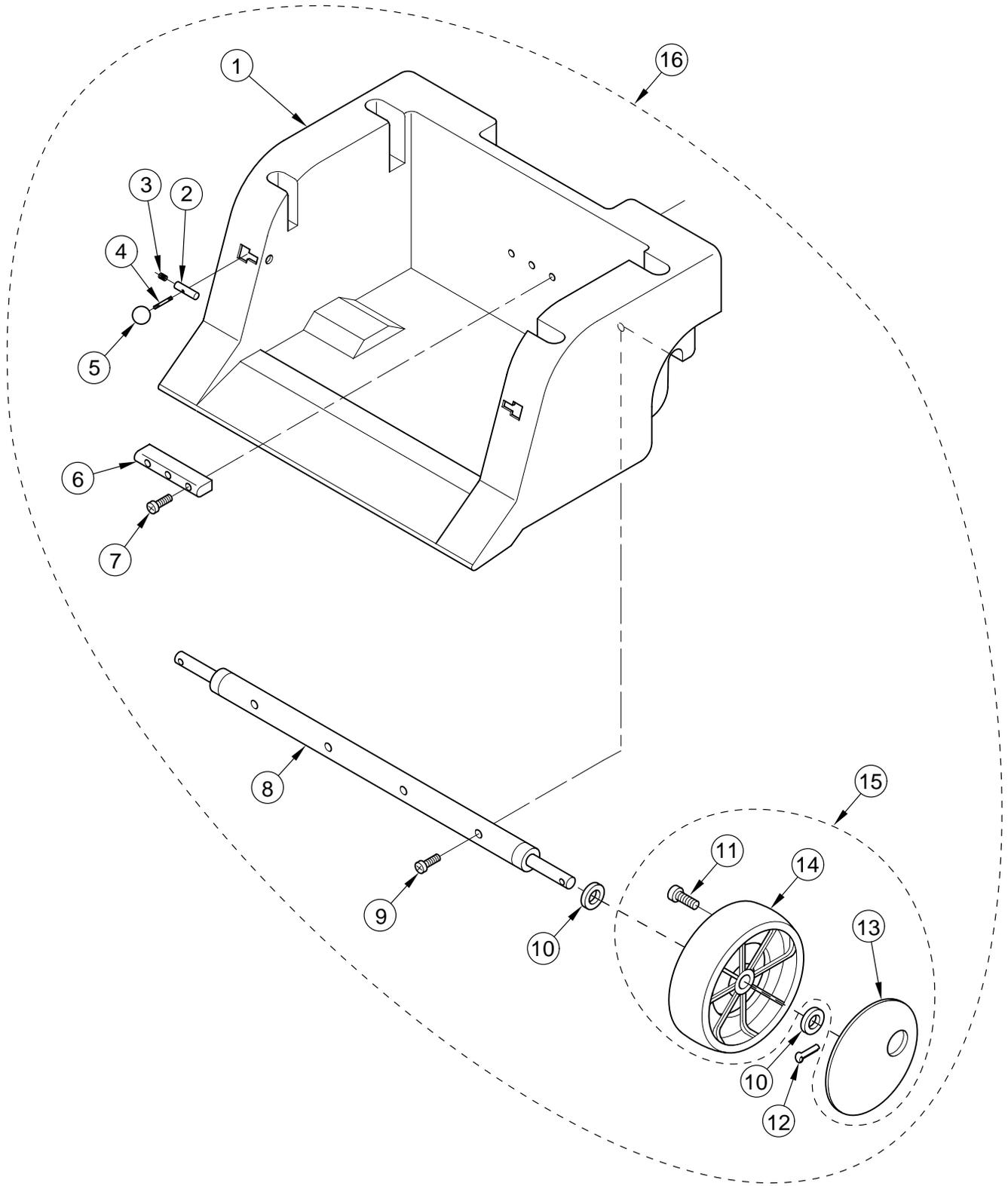
Code Number	Part Number	Description
1	M12010	Gasket, Inner Gearcase
2	M50351	Snap Ring – (2) Req'd
3	M50357	Gear Left Hand
4	M50356	Gear Right Hand
5	U1605A	Key – (2) Req'd
6	M50353	Inner Gearcase
7	M50352	Bearing – (2) Req'd
8	M50354	Flange - Pulley Spacer – (2) Req'd
9	M12013	Pin, 1/8" Diameter x 3/4" Long – (2) Req'd
10	M12011A	Screw 10-32 x 13/16" – (9) Req'd
11	M50355	Pulley Shaft – (2) Req'd
12	M50038	Timing Belt, Short
13	M50041	Timing Belt, Long
14	M50378	Inner Gearcase Asm (Includes Code Nos 2-8 and 11)



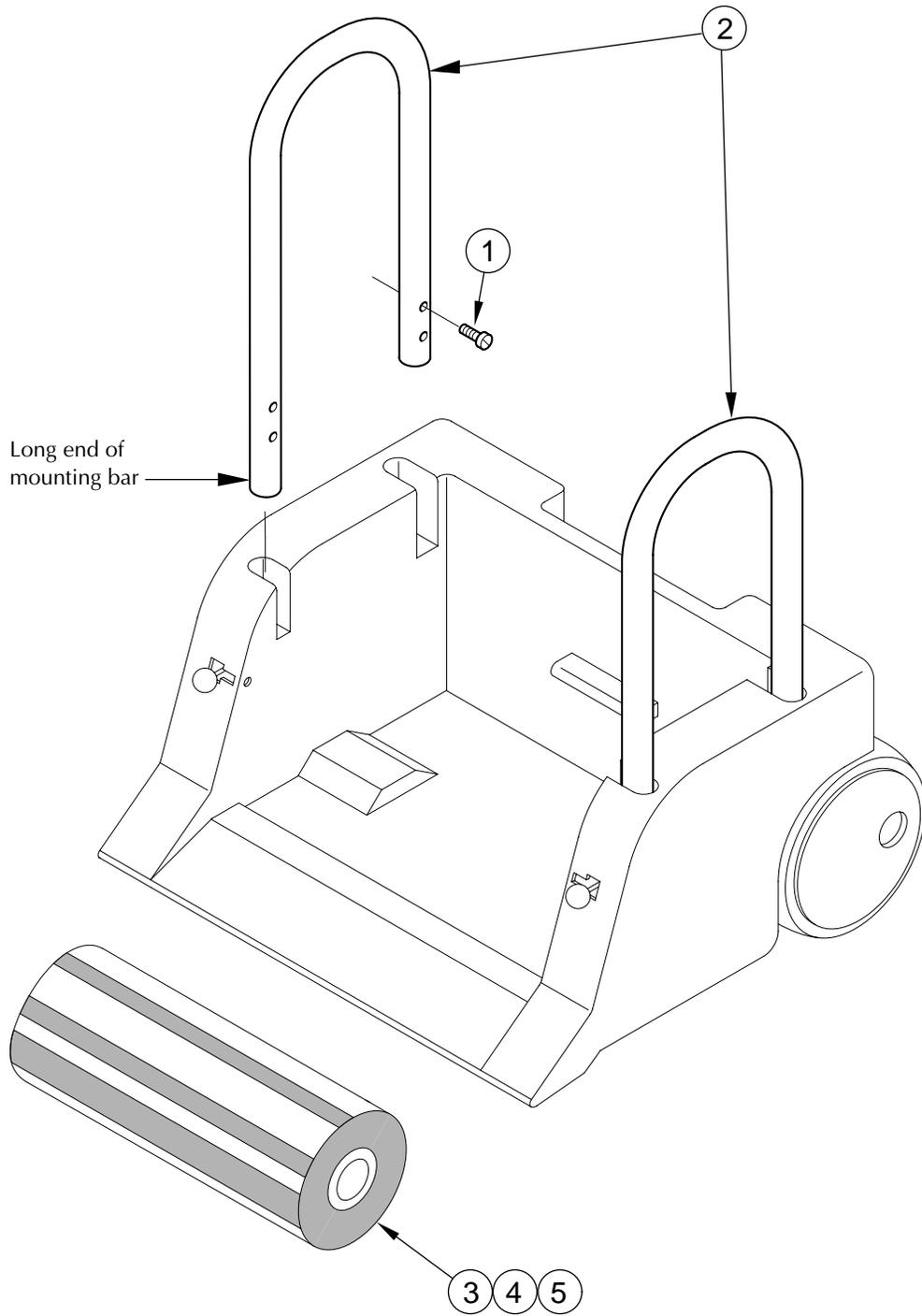
Code Number	Part Number	Description
1	M50097	Hose, 2" Dia Clear 14.75" Long
2	M50100	Hose, 1" Dia Clear 30" Long
3	X206	Cable Tie – (2) Req'd
4	M30145	Screw 8-32 x 1/2" Thread Forming – (2) Req'd
5	M30216	Screw 10-16 x 5/8" Self Tapping – (2) Req'd
6	M50055	Plate - Motor Mounting
7	M50113	Vac Motor Assembly - 120V
8	M50209	Vac Motor Assembly - 230V
9	M30052	Switch - Clean Filters



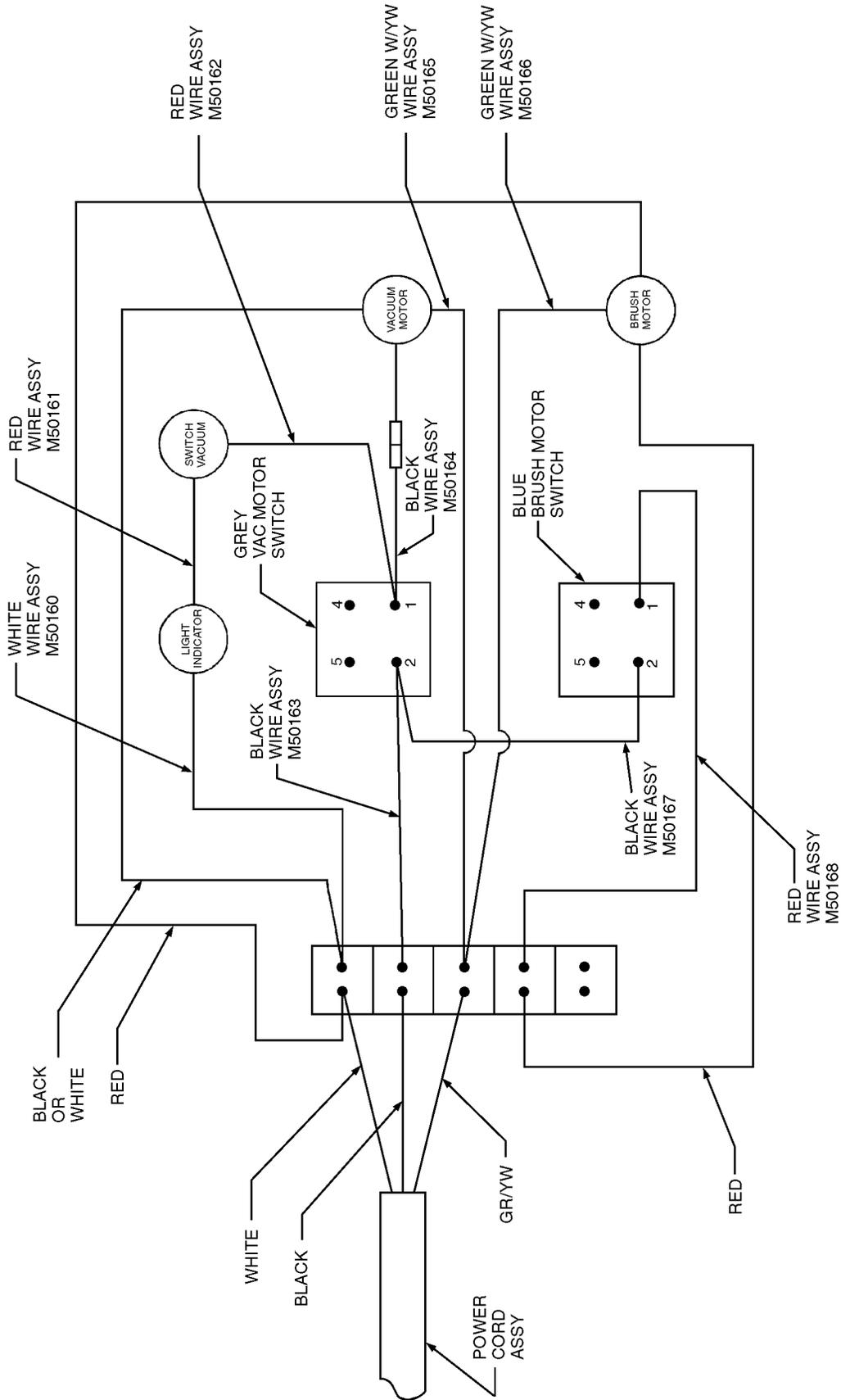
Code Number	Part Number	Description
1	M50009	Pickup Nozzle
2	M50095	Gasket – (2) Req'd
3	M50091	Gasket - Gear Case Bottom
4	M50096	Gasket – (2) Req'd
5	M50020	Hood, Inner
6	466A	Nut, 8-32 – (2) Req'd
7	M30145	Screw 8-32 x 1/2" Thread Forming – (6) Req'd a.) (4) Req'd - Pickup Nozzle to Inner Hood b.) (2) Req'd - Hood to Pod
8	M30283	Gasket, "Double Arch"
9	U1018A	Washer, 1/2" OD – (2) Req'd
10	V115	Screw 10-24 x 7/16" – (2) Req'd
11	M50347	Inner Hood/Nozzle Asm (Includes Code Nos 1-5, 7A, 8)



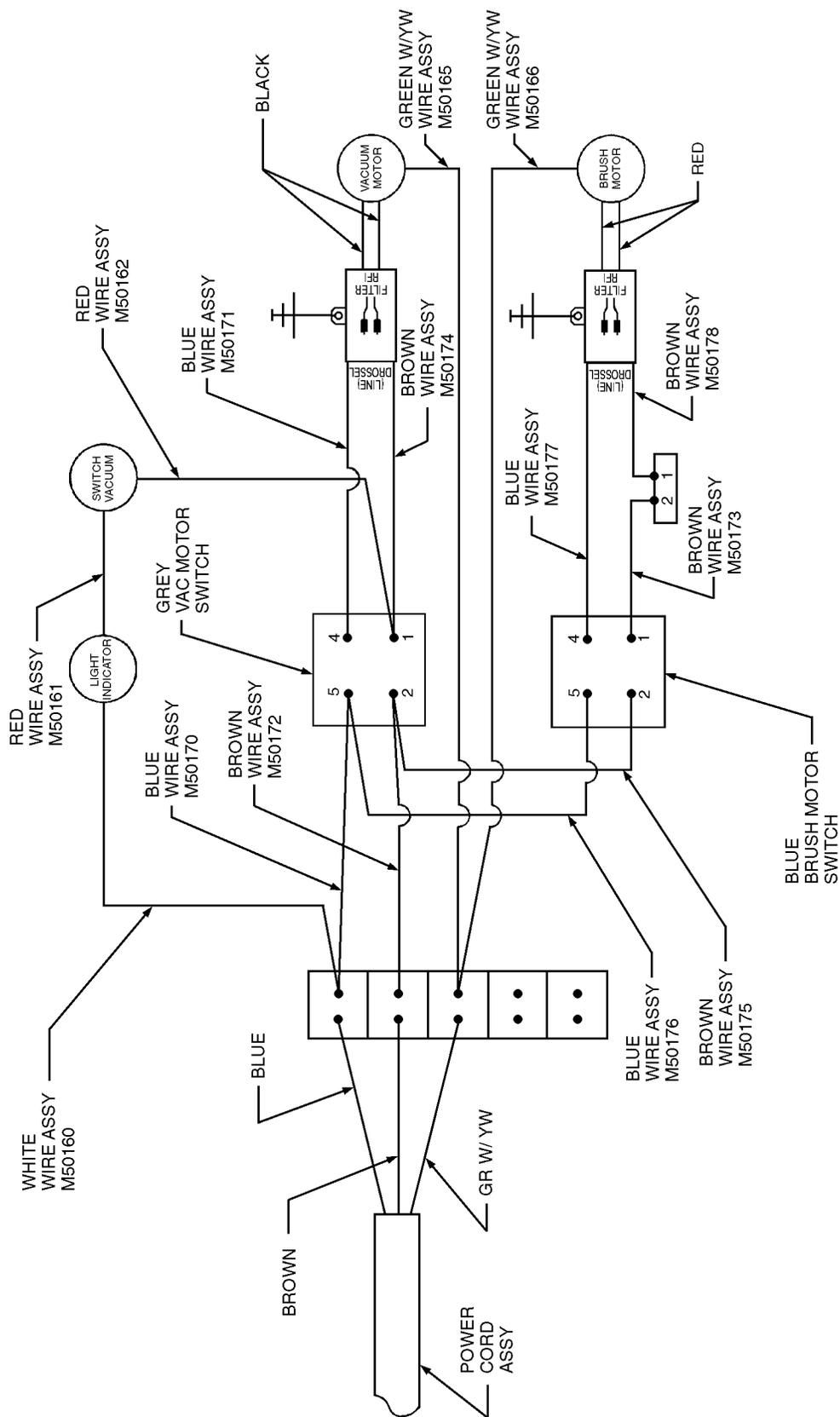
Code Number	Part Number	Description
1	M50011	Caddy
2	M50124	Lock Bolt – (2) Req'd
3	M50140	Spring – (2) Req'd
4	M50125	Lock Lever – (2) Req'd
5	M50139	Knob – (2) Req'd
6	M50145	Locating Strip
7	M50146	Screw 10-32 x 1" – (3) Req'd
8	M50136	Axle Assembly
9	H1070	Screw ¼"-20 x 1¼" – (4) Req'd
10	F817	Washer, Nylon – (4) Req'd
11	M30215	Screw ¼"-20 x ½" – (4) Req'd
12	F507	Cotter Pin – (2) Req'd
13	M50142	Hub Cap Assembly – (2) Req'd
14	F824	Wheel – (2) Req'd
15	M50337	Wheel & Hub Cap Asm (Includes Code Nos 11, 13 and 14)
16	M50403	Caddy Asm (Includes Code Nos 1-15)



Code Number	Part Number	Description
1	H1070	Screw ¼-20 X 1¼" – (8) Req'd
2	M50133	Caddy Accessory Pack Mounting Bar – (2) Req'd
3	M50221	Brush Set - Standard (WHT)
4	M50222	Brush Set - Soft (BEIGE)
5	M50223	Brush Set - Med Stiff (BLK/WHT)



Wiring Diagram 100/120V



Wiring Diagram 220/240V

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