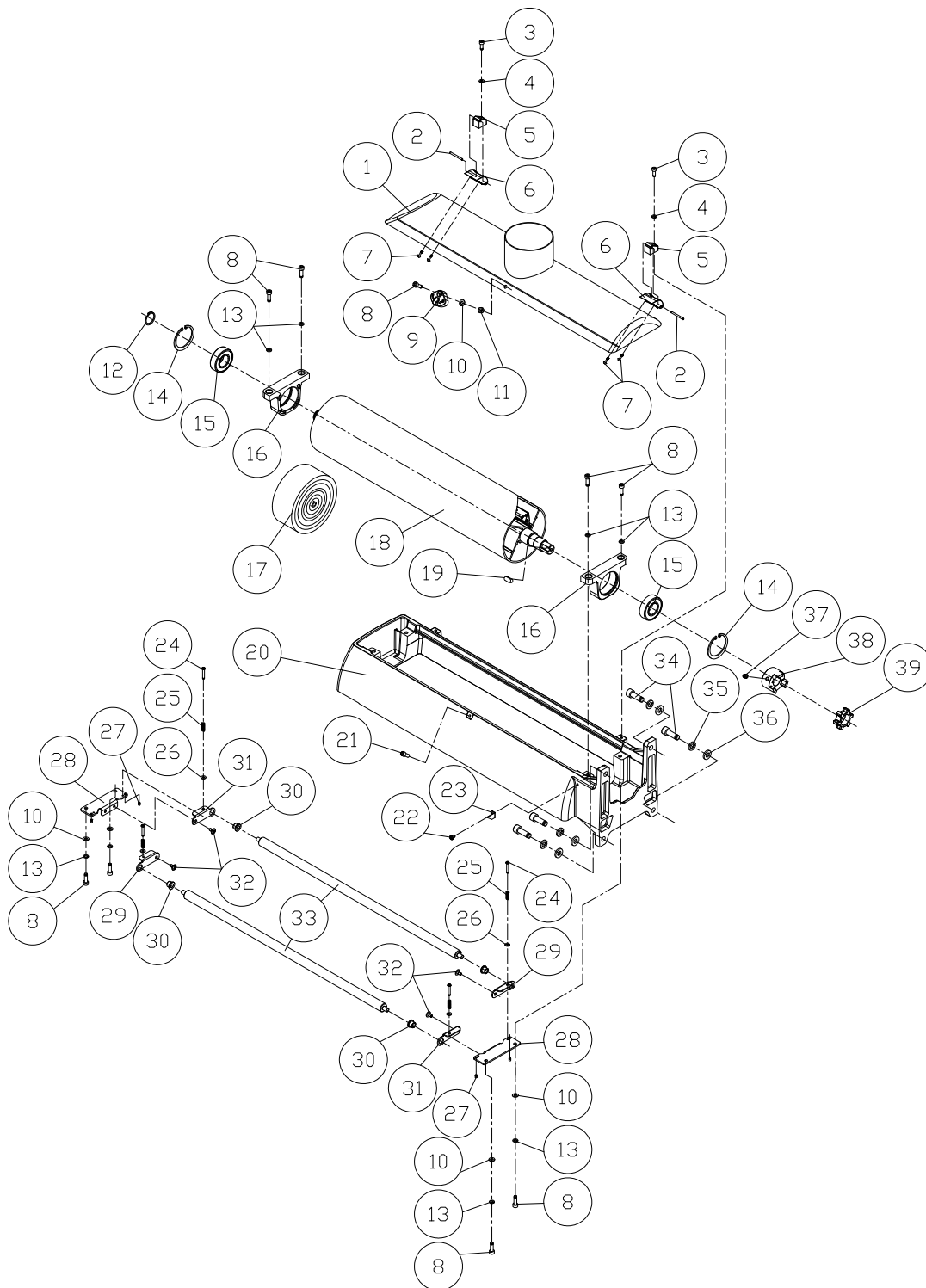
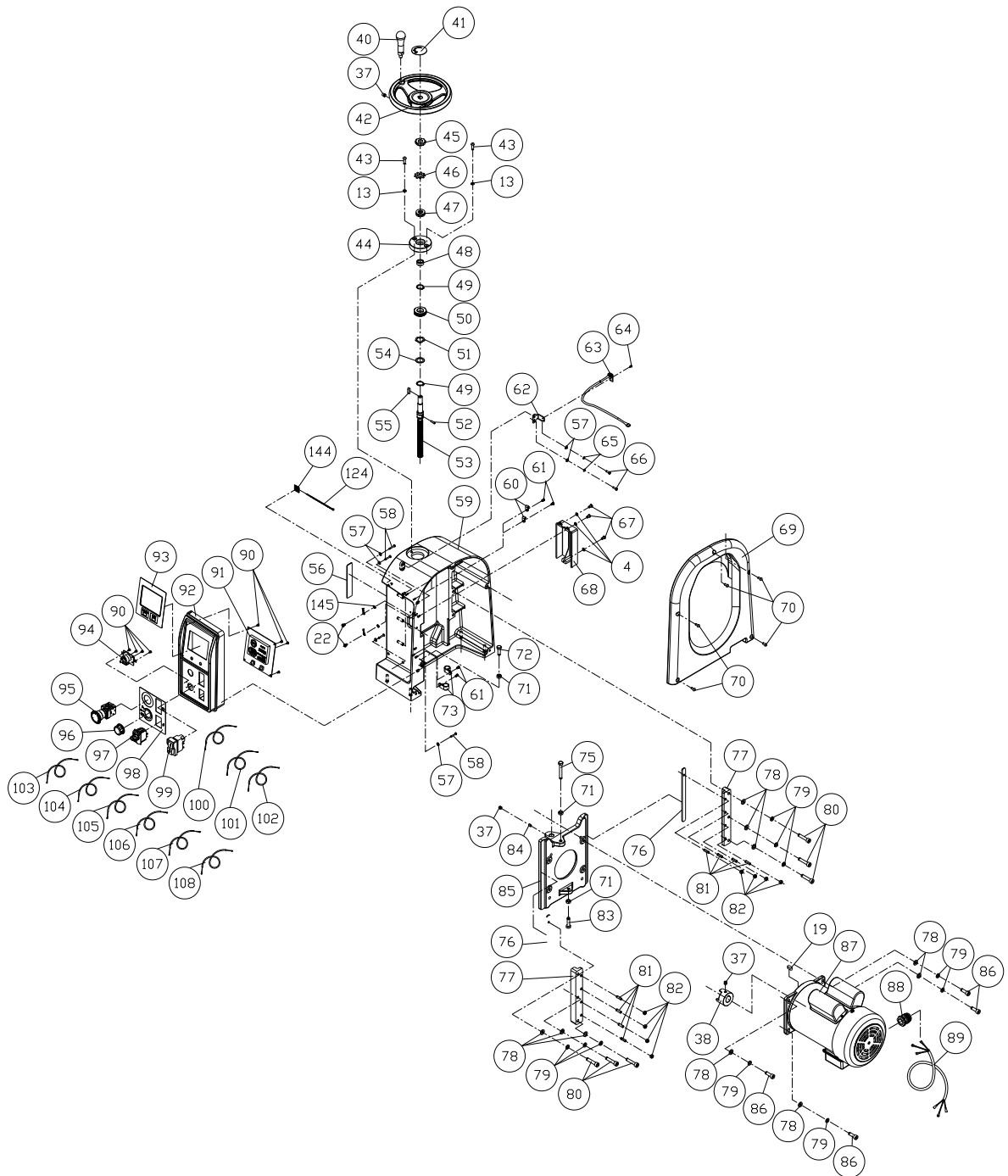


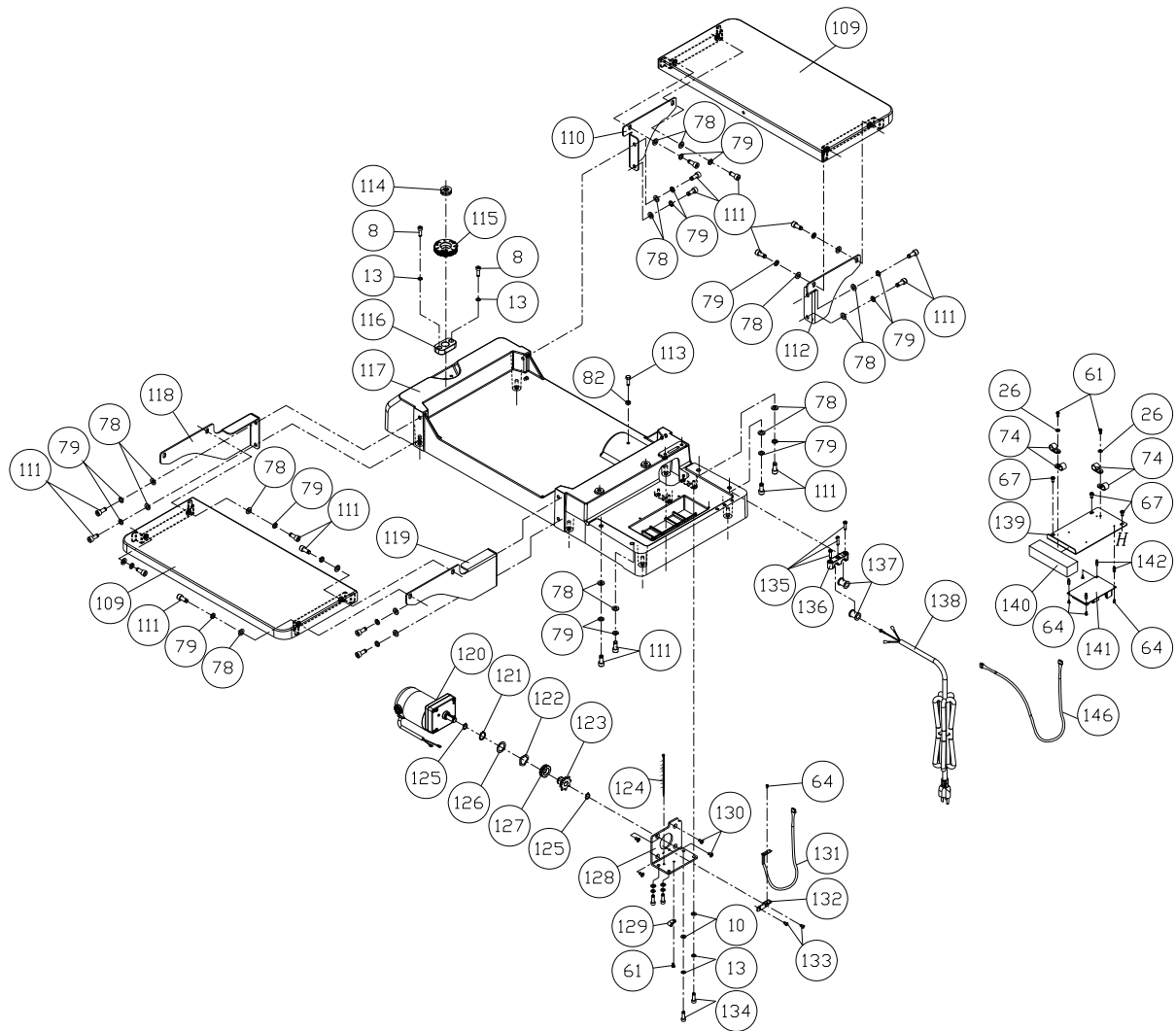
14.1.1 PM2244 Head Assembly I – Exploded View



14.1.2 PM2244 Head Assembly II – Exploded View



14.1.3 PM2244 Head Assembly III – Exploded View



14.1.4 PM2244 Head Assembly – Parts List

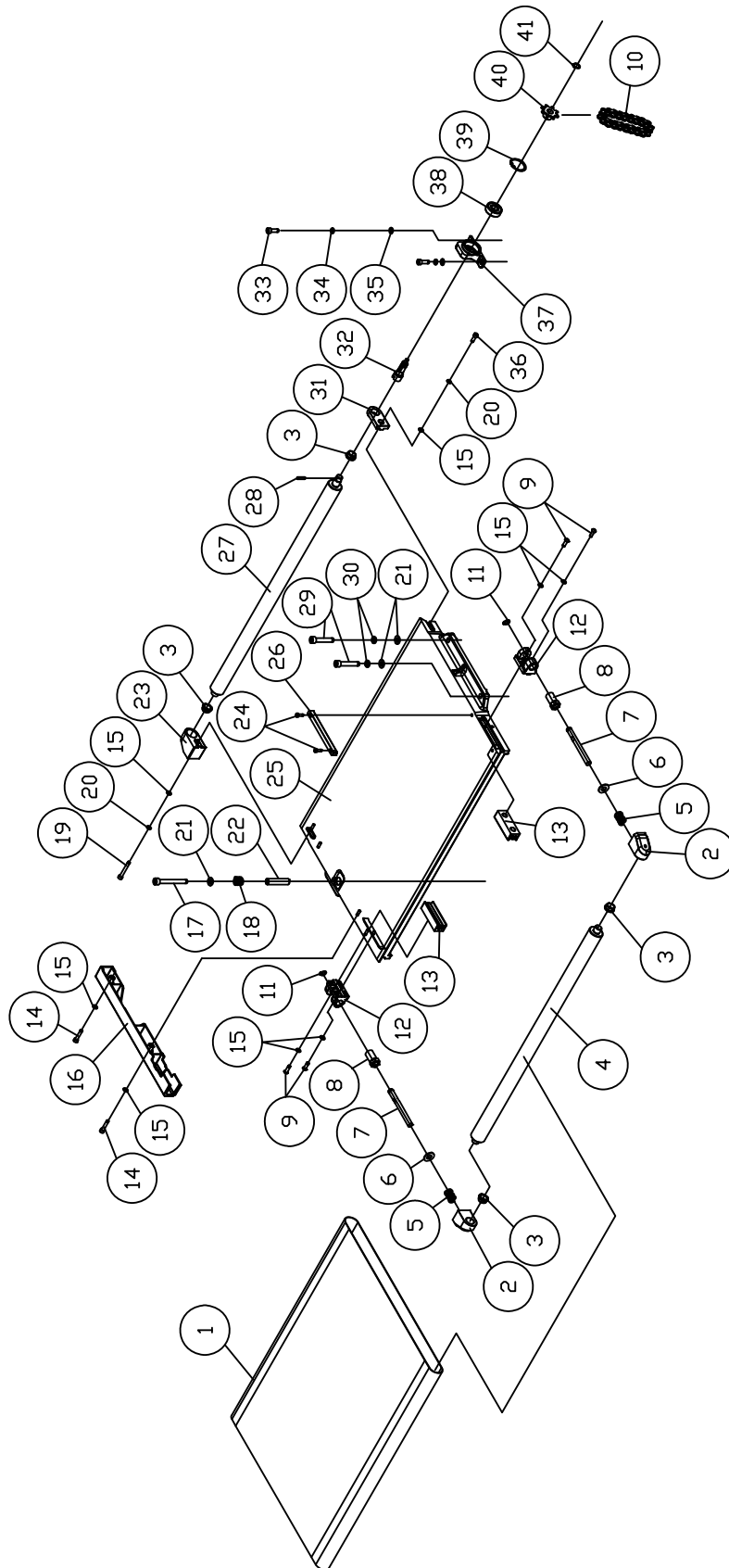
Note: Some parts may be listed for reference only and not available individually.

Index No	Part No	Description	Size	Qty
1	PM2244-101	Dust Hood		1
2	JCH4-16	Spring Pin	3*35	2
3	F005365	Socket Head Cap Screw	M5*0.8P*16L	2
4	F002633	Flat Washer	5.2*10*1.0T	5
5	PM2244-105	Drum Carriage Hinge		2
6	PM2244-106	Dust Hood Hinge		2
7	F011287	Self Tapping Screw	M4*1.41P*12L	4
8	F005383	Socket Head Cap Screw	M6*1.0P*20L	11
9	PM2244-109	Knob		1
10	F002636	Flat Washer	6.3*13*1.0T	9
11	F001694	Nylon Insert Lock Nut	M6*1.0P	1
12	PM2244-112	Retaining Ring (Re:18A)	STW-25	1
13	F002111	Lock Washer	M6	16
14	PM2244-114	Retaining Ring (Re:18A)	RTW-52	2
15	PM2244-115	Ball Bearing (Re:18A)	6205VV	2
16	PM2244-116	Bearing Housing (Re:18A)		2
17	PM2244-117	Abrasive	80 grit, 3" width	1
18	PM2244-118	Drum (Re:18A)		1
18A	PM2244-118A	Drum Assembly (includes #12,14-16,18,19,37-39)		1
19	PM2244-119	Key (Re:18A)	8*7*18	2
20	PM2244-120	Drum Carriage		1
21	F005665	Socket Head Cap Screw	M6*1.0P*15L	1
22	F001208	Phillips Pan Head Screw	M5*0.8P*8L	3
23	PM2244-123	Pointer		1
24	PM2244-124	Phillips Round Head Screw	M4*0.7P*25L	4
25	PM2244-125	Compression Spring		4
26	F002631	Flat Washer	4*10*1.0T	6
27	F010384	Socket Set Screw	M4*0.7P*4L	4
28	PM2244-128	Tension Roller Bracket		2
29	PM2244-129	Left Tension Roller Suspension Bracket		2
30	PM2244-130	Oilite Bushing		4
31	PM2244-131	Right Tension Roller Suspension Bracket		2
32	PM2244-132	Shoulder Screw		4
33	PM2244-133	Tension Roller		2
34	F005429	Socket Head Cap Screw	M10*1.5P*30L	4
35	F002115	Lock Washer	M10	4
36	F002643	Flat Washer	10*20*3.0T	4
37	F010407	Socket Set Screw	M8*1.25P*8L	4
38	PM2244-138	Coupling (Re:18A)		2
39	PM2244-139	Rubber Cushion (Re:18A)		1
40	PM2244-140	Handle		1
41	PM2244-141	Direction indication Label		1
42	PM2244-142	Handwheel		1
43	F009897	Socket Head Button Screw	M6*1.0P*20L	2
44	PM2244-144	Bearing Housing		1
45	PM2244-145	Locking Nut		1
46	PM2244-146	External Tooth Lock Washer		1
47	BB-51102	Thrust Bearing	51102	1
48	PM2244-148	Oilite Bushing		1
49	F006047	Retaining Ring	STW-20	2
50	PM2244-150	Ring Magnet		1
51	PM2244-151	Wave Washer	WW-20	1
52	PM2244-152	Spring Pin	4*16	1
53	PM2244-153	Height Adjusting Screw		1
54	PM2244-154	Special Flat Washer	21*37*1T	1
55	PM2244-155	Key	6*6*20	1

Index No	Part No	Description	Size	Qty
56	PM2244-156	Scale		1
57	F002631	Flat Washer	4.3*10*1.0T	6
58	PM2244-158	Self Tapping Screw	M4*1.59P*25L	4
59	PM2244-159	Motor Shield		1
60	PM2244-160	Cable Clamp	ACC-1.5-B	2
61	F001177	Phillips Pan Head Screw	M4*0.7P*10L	7
62	PM2244-162	Elevation Hall Sensor Bracket		1
63	PM2244-163	Elevation Hall Sensor Assembly		1
64	F001148	Phillips Pan Head Screw	M3*0.5P*6L	6
65	F002107	Lock Washer	M4	2
66	F005352	Socket Head Cap Screw	M4*0.7P*12L	2
67	F001088	Phillips Pan Head Screw	M5*0.8P*10L	6
68	PM2244-168	Cable Cover		1
69	PM2244-169	Motor Shield Cover		1
70	F009886	Socket Head Button Screw	M5*0.8P*12L	5
71	F003074	Hex Nut	M8*1.25P	3
72	F008789	Hex Cap Screw	M8*1.25P*25L	1
73	PM2244-173	Cable Clamp	ACC-6-B	2
74	PM2244-174	Cable Clamp	ACC-4-B	4
75	F008805	Hex Cap Screw	M8*1.25P*55L	1
76	PM2244-176	Gib		2
77	PM2244-177	Clamping Block		2
78	F002640	Flat Washer	8.5*16*2.0T	30
79	F002114	Lock Washer	M8	30
80	F005407	Socket Head Cap Screw	M8*1.25P*40L	6
81	PM2244-181	Special Socket Set Screw	M6*1.0P*20L	8
82	F003071	Hex Nut	M6*1.0P	9
83	F008794	Hex Cap Screw	M8*1.25P*30L	1
84	PM2244-184	PU Block		1
85	PM2244-185	Motor Plate		1
86	F005404	Socket Head Cap Screw	M8*1.25P*25L	4
87	PM2244-187E	Sanding Motor	1.75HP, 115V, 60Hz	1
	PM2244-187SCE	Start Capacitor (not shown)	200MFD 250VAC	1
	PM2244-187RCE	Running Capacitor (not shown)	50µF 350VAC	1
	PM2244-187FC	Fan Cover (not shown)		1
	PM2244-187CF	Cooling Fan (not shown)		1
88	PM2244-188	Strain Relief	PGA16-14B	1
89	PM2244-189	Motor Cable	12AWG*3C	1
90	JSG96-262	Self Tapping Screw	M3*1.06P*10	8
91	PM2244-191E	Display Assembly		1
92	PM2244-192	Control & Display Panel		1
93	LM000075	Display Panel Label		1
94	PM2244-194	Variable Resistor Set		1
95	PM2244-195	Emergency Stop		1
96	PM2244-196	Knob		1
97	PM2244-197	Power Switch		1
98	LM000076	Control Panel Label		1
99	PM2244-199E	Magnetic Switch		1
100	PM2244-1100	Connection Cable (No.L2, Black)	12AWG*1C*150mm	1
101	PM2244-1101	Connection Cable (No.L1, Black)	12AWG*1C*600mm	1
102	PM2244-1102	Connection Cable (No.N1, White)	12AWG*1C*600mm	1
103	PM2244-1103	Connection Cable (No.L2, Black)	12AWG*1C*600mm	1
104	PM2244-1104	Connection Cable (No.N2, White)	12AWG*1C*600mm	1
105	PM2244-1105	Connection Cable (No.0)	24AWG*3C*650mm	1
106	PM2244-1106	Connection Cable (No.1)	24AWG*3C*650mm	1
107	PM2244-1107	Connection Cable (No.2)	24AWG*3C*200mm	1
108	PM2244-1108	Connection Cable (No.8)	18AWG*3C*200mm	1
109	PM2244-1109	Extension Table		2
110	PM2244-1110	Rear-Left Table Bracket		1
111	F005403	Socket Head Cap Screw	M8*1.25P*20L	20
112	PM2244-1112	Rear-Right Table Bracket		1

Index No	Part No	Description	Size	Qty
113	F008750	Hex Cap Screw	M6*1.0P*25L	1
114	BB-51101	Thrust Bearing	51101	1
115	PM2244-1115	Table Micro-Adjusting Knob		1
116	PM2244-1116	Bracket		1
117	PM2244-1117	Base		1
118	PM2244-1118	Front-Left Table Bracket		1
119	PM2244-1119	Front-Right Table Bracket		1
120	PM2244-1120E	Gear Motor	100Volt	1
121	F006046	Retaining Ring	STW-18	1
122	F011908	Wave Washer	WW-18	1
123	PM2244-1123	Sprocket	8T	1
124	PM2244-1124	Cable Tie	ALT-085S-B	2
125	F006041	Retaining Ring	STW-12	2
126	PM2244-1126	Special Flat Washer	18*32*1.0T	1
127	PM2244-1127	Ring Magnet		1
128	PM2244-1128	Gear Motor Plate		1
129	PM2244-1129	Cable Clamp	ACC-2-B	1
130	F010955	Flat Head Socket Screw	M5*0.8P*10L	4
131	PM2244-1131	Speed Hall Sensor		1
132	PM2244-1132	Speed Hall Sensor Bracket		1
133	F005349	Socket Head Cap Screw	M4*0.7P*6L	2
134	F005382	Socket Head Cap Screw	M6*1.0P*16L	6
135	F001207	Phillips Pan Head Screw	M5*0.8P*20L	3
136	PM2244-1136	Cable Clamp		1
137	PM2244-1137	Cable Protection Bushing		2
138	PM2244-1138E	Power Cable	SJT12AWG*3C	1
139	PM2244-1139	Circuit Board Holder		1
140	PM2244-1140	Foam Pad	95*30*22T	1
141	PM2244-1141E	Circuit Board		1
142	PM2244-1142	Standoff		4
144	PM2244-1144	Cable Tie Mount		1
145	PM2244-1145	External Tooth Lock Washer		2
146	PM2244-1146	Connection Cable (No.8)		1
147	LM000073	Sanding Motor Label (not shown)		1
148	LM000074	Conveyor Motor Label (not shown)		1
149	PM2244-1149	Leveling Feet (not shown, only for Benchtop)		4

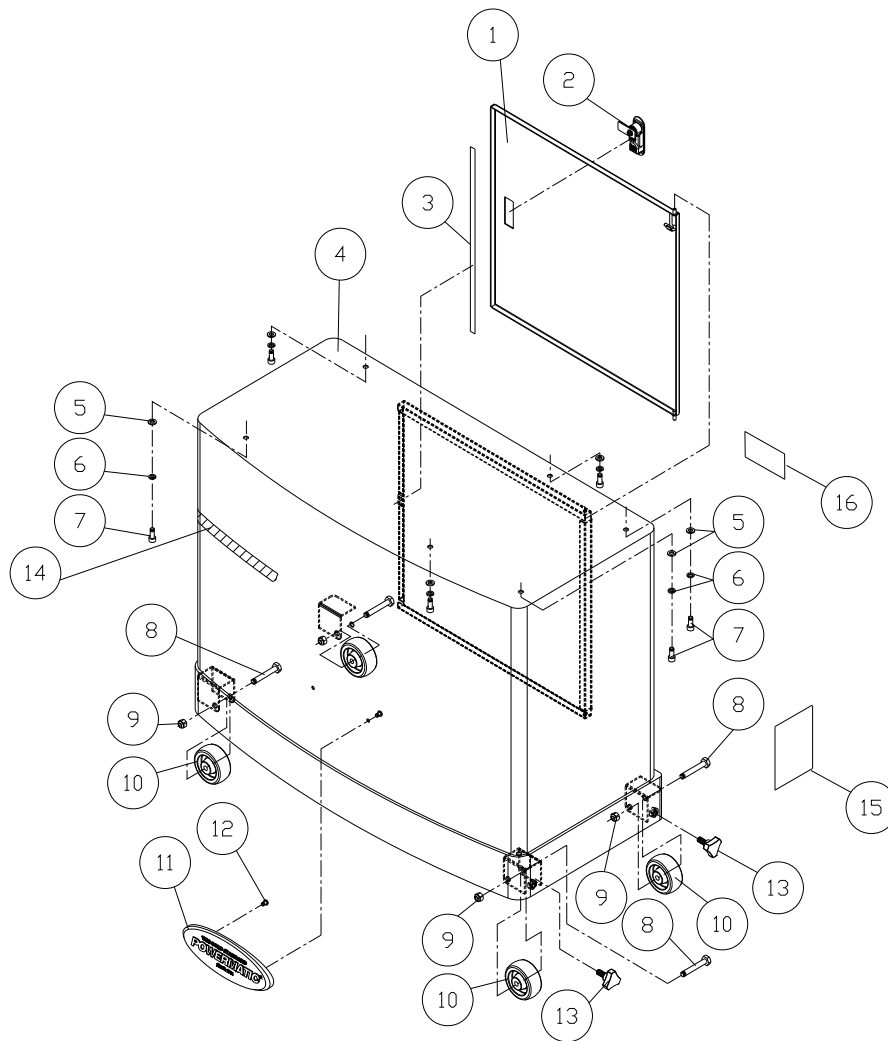
14.2.1 PM2244 Conveyor Bed Assembly – Exploded View



14.2.2 PM2244 Conveyor Bed Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	PM2244-201	Conveyor Belt		1
2	PM2244-202	Driven Roller Holder		2
3	PM2244-203	Oilite Bushing		4
4	PM2244-204	Driven Roller		1
5	PM2244-205	Compression Spring		2
6	F002643	Flat Washer	10.3*22*2.0T	2
7	PM2244-207	Rod		2
8	PM2244-208	Adjusting Shaft		2
9	F009887	Socket Head Button Screw	M5*0.8P*16L	4
10	PM2244-210	Chain	#410*21P	1
11	F006040	Retaining Ring	STW-10	2
12	PM2244-212	Bracket		2
13	PM2244-213	Tracker Kit (set of 2)		1
14	F005367	Socket Head Cap Screw	M5*0.8P*25L	2
15	F002633	Flat Washer	5.2*10*1.0T	8
16	PM2244-216	Side Cover		1
17	F005413	Socket Head Cap Screw	M8*1.25P*70L	1
18	PM2244-218	Compression Spring		1
19	F005370	Socket Head Cap Screw	M5*0.8P*40L	1
20	F002108	Lock Washer	M5	3
21	F002640	Flat Washer	8.5*16*2.0T	3
22	PM2244-222	Sleeve		1
23	PM2244-223	Left Driving Roller Holder		1
24	F005352	Socket Head Cap Screw	M4*0.7P*12L	2
25	PM2244-225	Conveyor Bed		1
26	PM2244-226	Guide Bar		1
27	PM2244-227	Driving Roller		1
28	PM2244-228	Spring Pin	4*18	1
29	F005405	Socket Head Cap Screw	M8*1.25P*30L	2
30	F002114	Lock Washer	M8	2
31	PM2244-231	Right Driving Roller Holder		1
32	PM2244-232	Shaft		1
33	F005383	Socket Head Cap Screw	M6*1.0P*20L	2
34	F002111	Lock Washer	M6	2
35	F002636	Flat Washer	6*13*1T	2
36	F005365	Socket Head Cap Screw	M5*0.8P*16L	1
37	PM2244-237	Sprocket Holder		1
38	BB-6201VV	Ball Bearing	6201VV	1
39	F006031	Retaining Ring	RTW-32	1
40	PM2244-240	Sprocket	10T	1
41	F006041	Retaining Ring	STW-12	1

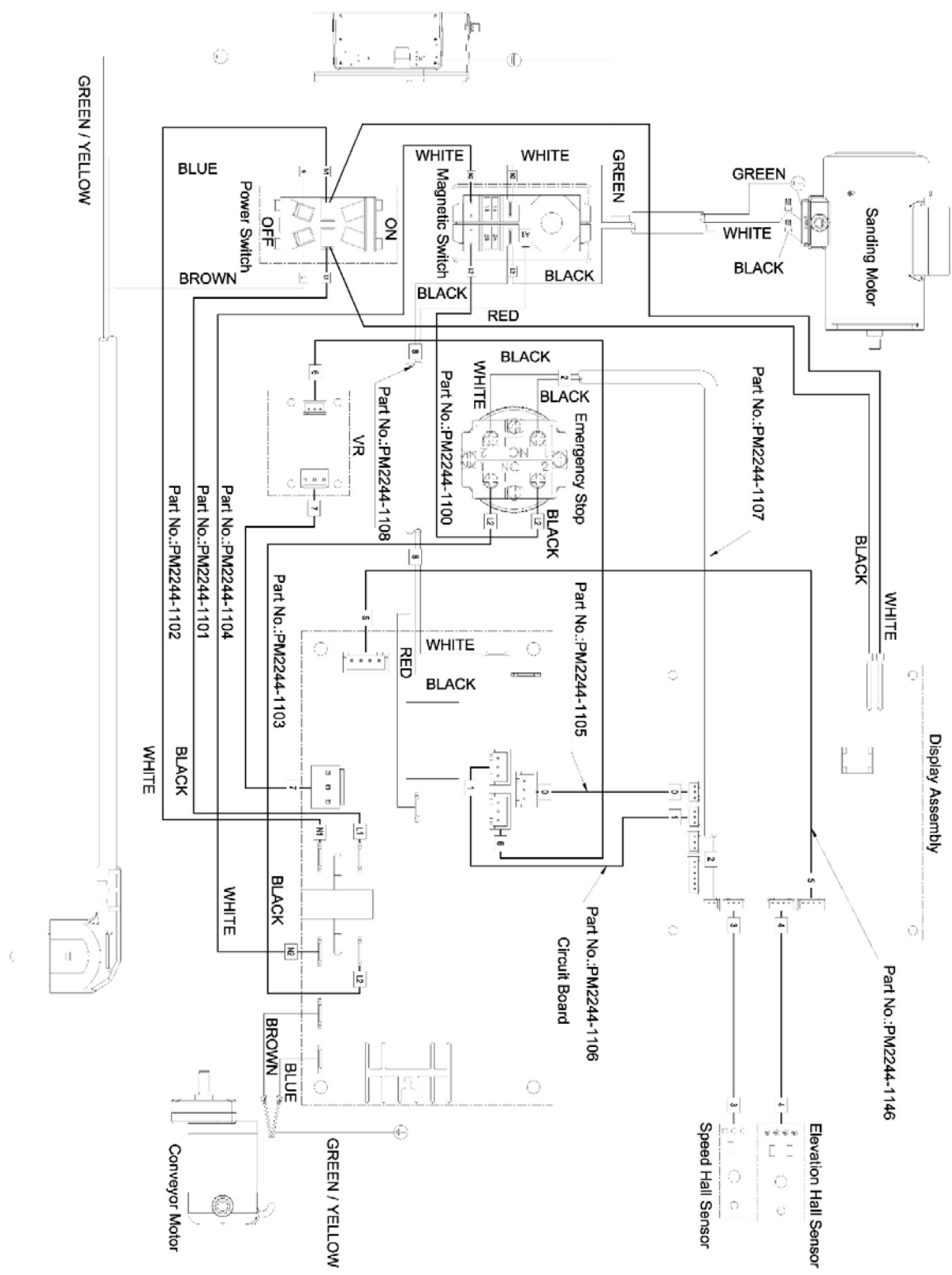
14.3.1 PM2244 Cabinet Assembly – Exploded View



14.3.2 PM2244 Cabinet Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	PM2244-301	Cabinet Door		1
2	PM2244-302	Door Latch		1
3	PM2244-303	Foam Strip		1
4	PM2244-304	Cabinet		1
5	F002640	Flat Washer	8.5*16*2.0T	6
6	F002114	Lock Washer	M8	6
7	F005403	Socket Head Cap Screw	M8*1.25P*20L	6
8	F006242	Hex Cap Bolt	3/8"-16NC*2-1/2"L	4
9	F001511	Nylon Insert Lock Nut	3/8"-16NC	4
10	PM2244-310	Caster		4
11	PM2000-105	Powermatic Name Plate		1
12	F000105	Phillips Round Head Screw	1/4"-20NC*3/8"L	2
13	PM2244-313	Screw Knob		2
14	PM2244-314	Powermatic Stripe Set		1
15	LM000071	Warning Label		1
16	LM000072	ID Label, PM2244		1

15.0 Electrical Connections – PM2244 Drum Sander



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