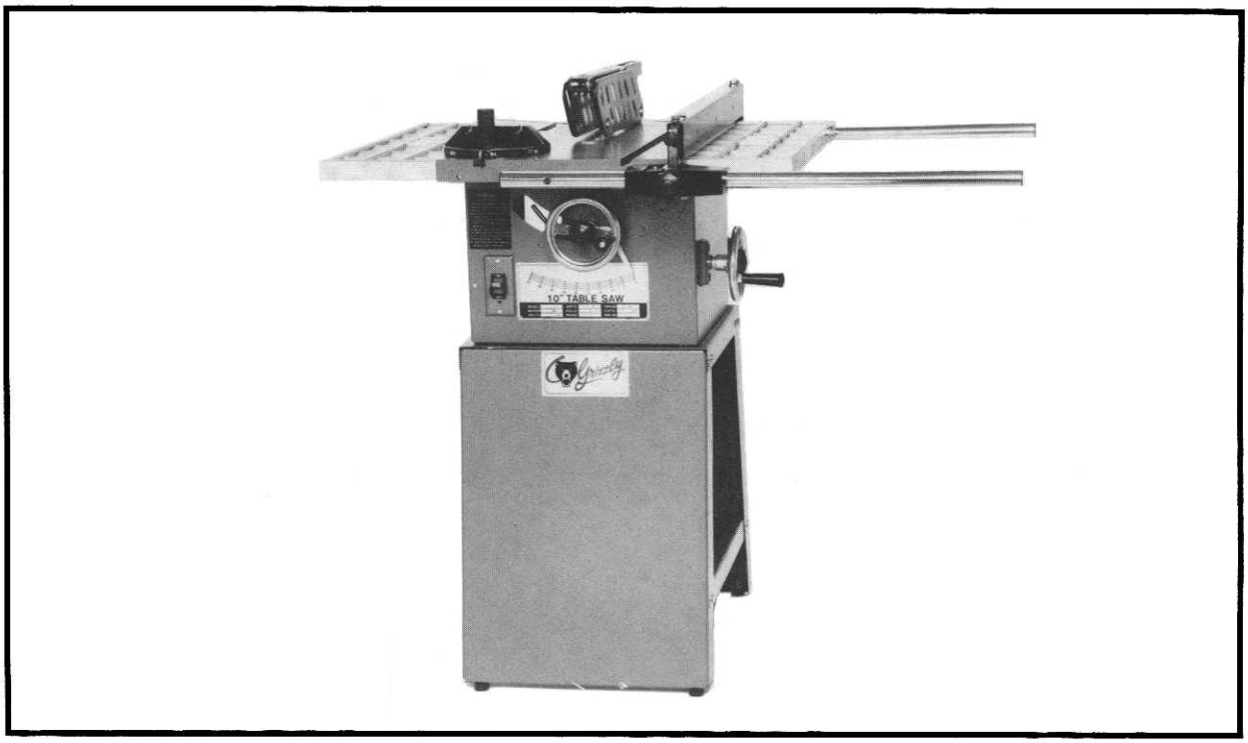
IMPORTS, INC.

10" TABLE SAW
MODEL G1059
INSTRUCTION MANUAL



GRIZZLY IMPORTS, INC.

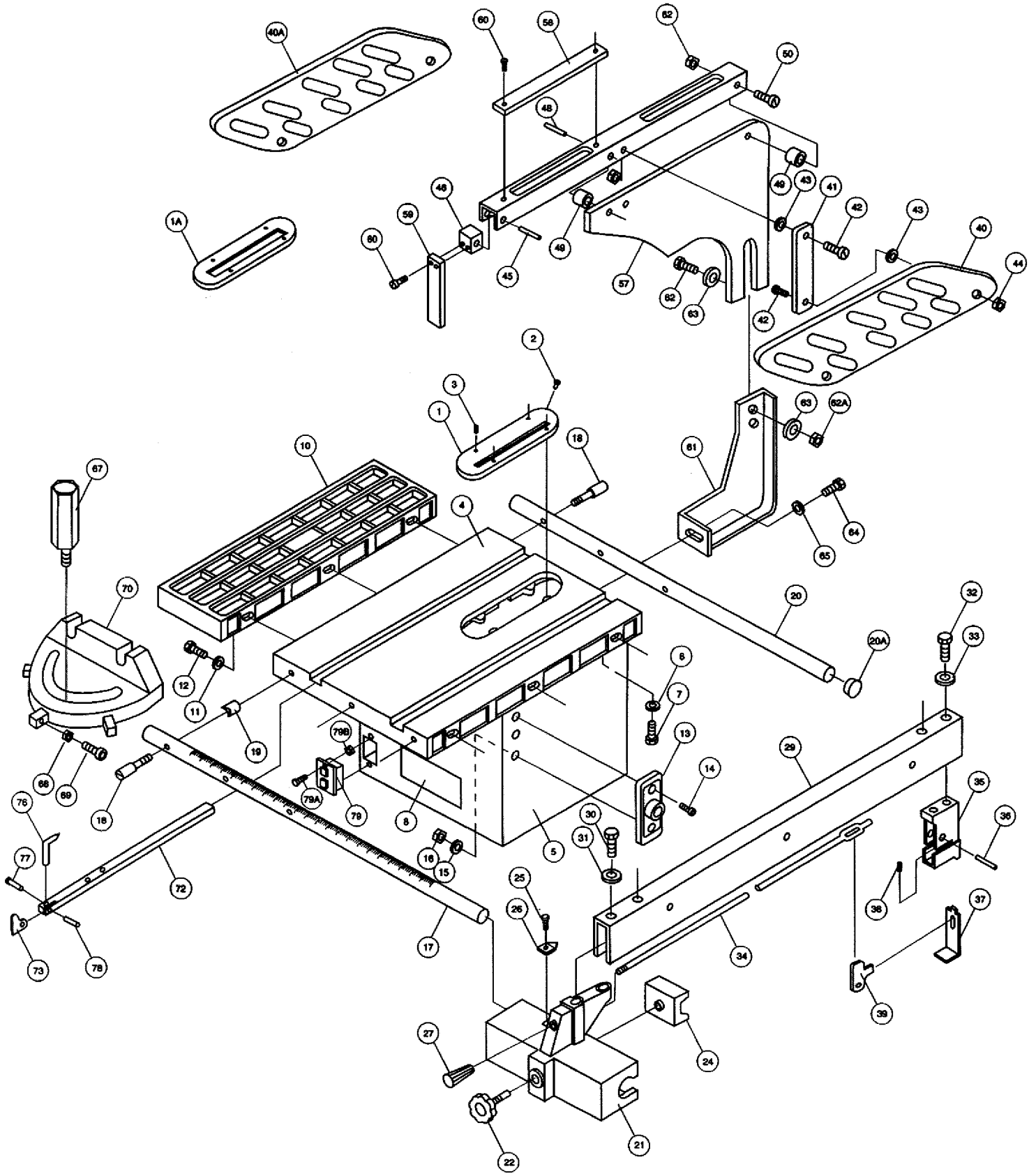
PRINTED IN USA FEBRUARY, 1994

XV. PARTS LIST—BODY, TABLE & FENCE

Ref. No.	Part No.	Description
1	P1059001	Table Insert
1A	P1059001A	Dado Insert
2	P1059002	Bumper
3	PSS11	Setscrew ¼" - 20 x ¼"
4	P1059004	Table
5	P1059005	Cabinet
6	PW07	Flat Washer 5/16"
7	PB32	Hex Bolt 5/16" - 18 x 5/8"
8	P1059008	Tilt Scale
10	P1059010	Extension Wing
11	PLW04	Lock Washer 3/8"
12	PB21	Hex Bolt 3/8" - 16 x 3/4"
13	P1022014	Gear Bracket
14	P1059014	S.H. Screw 5/16" - 18
15	PW07	Flat Washer 5/16"
16	PN02	Hex Nut 5/16" - 18
17	P1059017	Front Guide Rail
18	P1059018	Special Bolt
19	P1059019	Fence Rail Spacer
20	P1059020	Rear Guide Rail
20A	P1059020A	Fence Rail Plug
21	P1059021	Width Regulator
22	P1059022	Hand Knob
24	P1059024	Clamp Block
25	PS06	P.H. Screw #10-24x3/8"
26	P1022037	Width Pointer
27	P1059027	Handle Knob
29	P1059029	Fence
30	PB09	Hex Bolt 5/16" - 18 x ½"
31	PW07	Flat Washer 5/16"
32	PB09	Hex Bolt 5/16" - 18 x ½"
33	PW07	Flat Washer 5/16"
34	P1059034	Clamp Rod
35	P1059035	Rear Clamp Block
36	P1059036	Roll Pin

Ref. No.	Part No.	Description
37	P1022060	Clamp Hook
38	P1022059	Spring
39	P1022061	Lever
40	P1059040	Left Guard
40A	P1059040A	Right Guard
41	P1059041	Raising Arm
42	PFH03	F.H. Screw ¼"-20x½"
43	PW06	Flat Washer ¼"
44	PLN02	Lock Nut ¼" - 20
45	PRP26M	Roll Pin 5 x 26mm
47	P1059047	Supporting Arm
48	PRP10M	Roll Pin 5 x 36mm
49	P1059049	Spacer
50	PFH05	F.H. Screw ¼"-20x¾"
52	PLN02	Lock Nut ¼" - 20
57	P1059057	Splitter
58	P1059058	See-Through Plate
60	PS18	P.H. Screw #10-24x¼"
61	P1059061	Bracket
62	PB32	Hex Bolt 5/16" - 18 x 5/8"
62A	PN02	Hex Nut 5/16" - 18
63	PW07	Flat Washer 5/16"
64	PB53	Hex Bolt ½" - 12 x 1"
65	PLW07	Lock Washer
67	P1059067	Hand Knob
68	PN14	Hex Nut #8 - 32
69	PS25	P.H. Screw #8-32x¼"
70	P1059070	Miter Gauge Body
72	P1059072	Miter Gauge Bar
73	P1059073	Locating Plate
76	P1059076	Pointer
77	PSS11	Setscrew ¼" - 20 x ¼"
78	PRP14M	Roll Pin 3 x 6mm
79	P1059079	Switch
79A	PS10	P.H. Screw #10-24x1½"
79B	PN07	Hex Nut #10 - 24

XVI. PARTS DIAGRAM—BODY, TABLE & FENCE

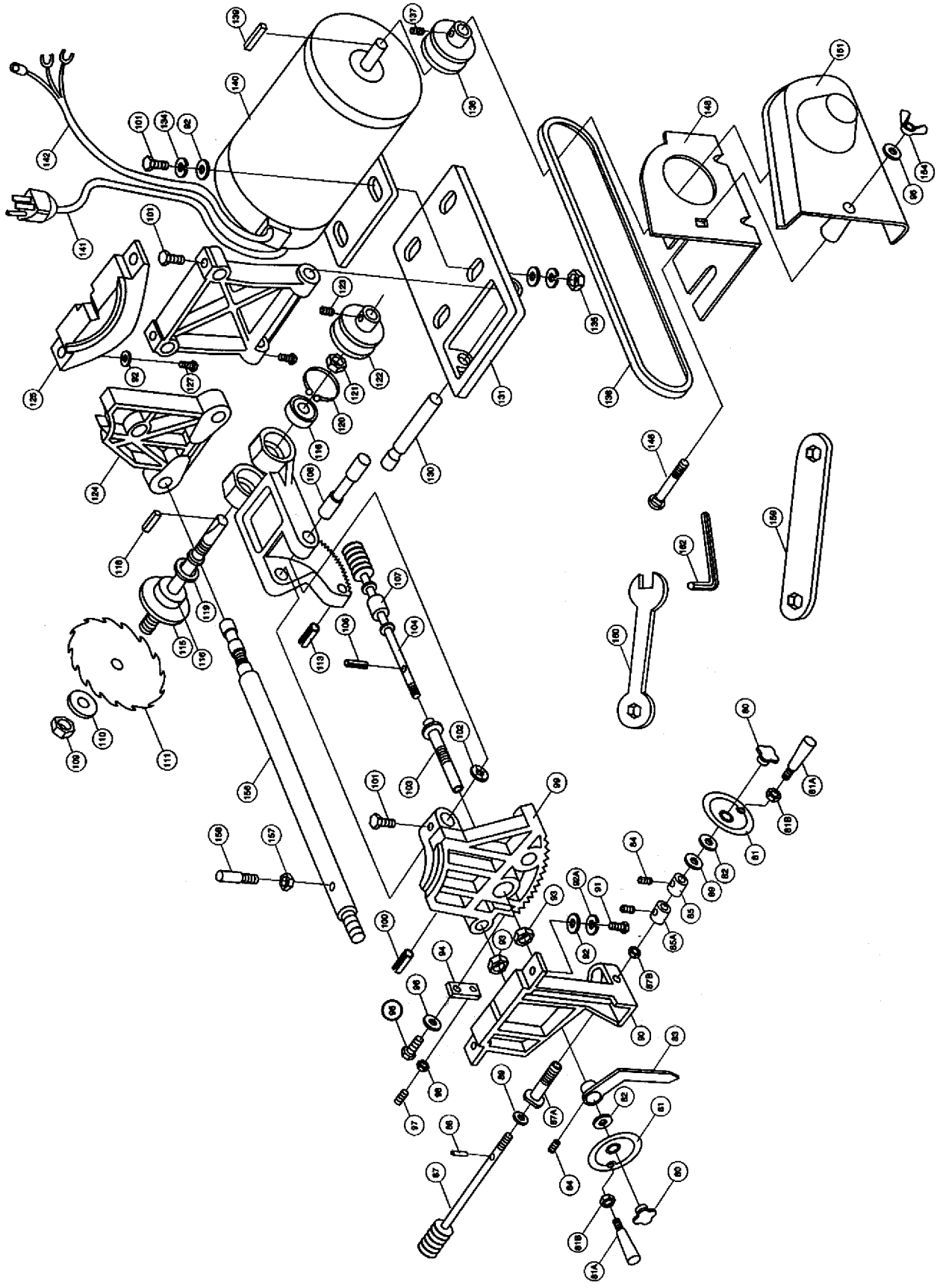


XVII. PARTS LIST—INTERNAL

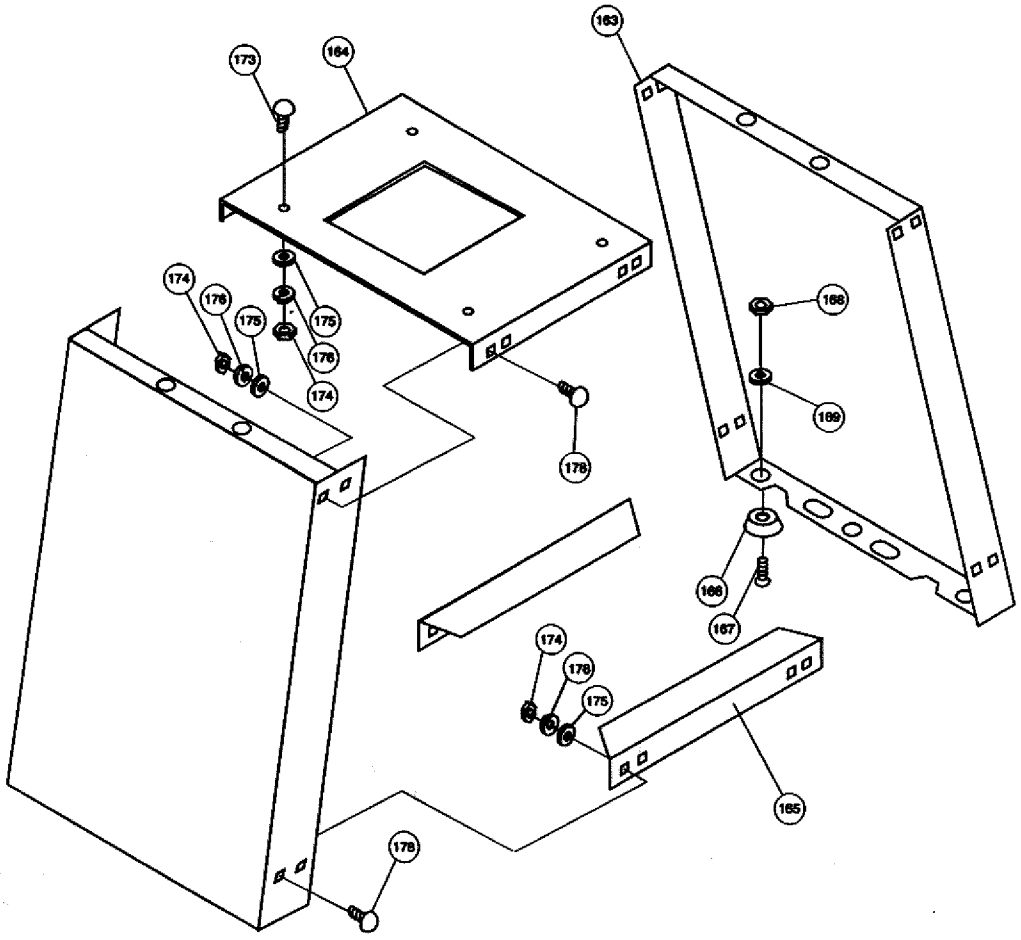
Ref. No.	Part No.	Description
80	P1059080	Knob
81	P1059081	Hand Wheel
81A	P1026101	Handle
81B	PN08	Hex Nut 3/8" - 16
82	PW02	Flat Washer 3/8"
83	P1059083	Pointer
84	PSS11	Setscrew 1/4"-20x1/4"
85	P1059085	Set Collar 3/8"
87	P1059087	Tilt Shaft
87A	P1059087A	Eccentric Shaft
87B	PN16	Hex Nut 9/16" - 18
88	PRP17M	Roll Pin 3.5 x 24mm
89	PW02	Flat Washer 3/8"
90	P1059090	Rear Bracket
91	PB12	Hex Bolt 5/16" - 18 x 1 1/4"
92	PW07	Flat Washer 5/16"
92A	PLW01	Lock Washer 5/16"
93	P1023040	Jam Nut
94	P1059094	Stop Block
95	PB31	Hex Bolt 1/4" - 20 x 1"
96	PW06	Flat Washer 1/4"
97	PSS12	Setscrew 1/4" - 20 x 1"
98	PN05	Hex Nut 1/4" - 20
99	P1059099	Front Trunnion
100	PRP26M	Roll Pin 5 x 26mm
101	PB32	Hex Bolt 5/16" - 18 x 5/8"
102	P1022102	Wavy Washer
103	P1059103	Eccentric Bushing
104	P1059104	Elevating Rod
105	PPR17M	Roll Pin 3.5 x 24mm
106	P1059106	Fiber Washer
107	P1059107	Spacer
108	P1059108	Arbor Bracket Shaft
109	P1022115	Arbor Nut
110	P1022116	Clamp Hook

Ref. No.	Part No.	Description
111	———	Blade (See Catalog)
112	P1059112	Arbor Bracket
113	PRP06M	Roll Pin 5 x 24mm
114	P1059114	Blade Arbor
116	P6203	Ball Bearing
118	PK23M	Key 5 x 5 x 25mm
119	P1059119	Wavy Washer
120	PR24M	Int. Retaining Ring 24mm
121	P1059121	Special Nut
122	P1059122	Arbor Pulley
123	PSS17M	Setscrew M8-1.25x6mm
124	P1059124	Rear Trunnion
125	P1059125	Rear Trunnion Bracket
127	PB12	Hex Bolt 5/16" - 18 x 1 1/4"
128	P1059128	Motor Bracket
130	P1022131	Motor Plate Rod
131	P1059131	Motor Plate
134	PLW01	Lock Washer 5/16"
135	PN02	Hex Nut 5/16" - 18
136	P1022125-1	Motor Pulley
137	PSS01M	Setscrew M6-1x10mm
138	PVA40	V-Belt
139	PK22M	Key 5 x 5 x 24mm
140	G2535	Motor 1 1/2 HP
141	P1059041	Power Cord
142	P1059142	Switch Cord
146	PCB04	Cge. Bolt 1/4" - 20 x 1 3/4"
148	P1059148	Guard Plate
151	P1059151	Guard Cover
154	PWN02	Wing Nut 1/4" - 20
156	P1059156	Tie Rod
157	PN08	Hex Nut 3/8" - 16
158	P1059158	Special Bolt
159	P1022148	Hex Spanner Wrench
162	PAW03M	Allen Wrench 3mm

XVIII. PARTS DIAGRAM—INTERNAL



XIX. STAND PARTS LIST & DIAGRAM



Ref. No.	Part No.	Description
163	P1059163	Stand Panel
164	P1059164	Top Panel
165	P1059165	Lower Brace
166	P1059166	Rubber Foot
167	PB02	Hex Bolt ¼" - 20x ⅝"
168	PN05	Hex Nut ¼" - 20
169	PW06	Flat Washer ¼"

Ref. No.	Part No.	Description
173	PB32	Hex Bolt 5/16" - 18 x ⅝"
174	PN02	Hex Nut 5/16" - 18
175	PW07	Flat Washer 5/16"
176	PLW01	Lock Washer 5/16"
178	PCB02	Cge. Bolt 5/16" - 18 x ½"

XX. TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	REMEDY
Motor will not start.	1. Low voltage. 2. Open circuit in motor or loose connections. 3. Tool un-plugged.	1. Check power line for proper voltage. 2. Inspect all lead connections on motor for loose or open connections. 3. Check connection at outlet.
Motor will not start; fuses or circuit breakers blow.	1. Short circuit in line cord or plug. 2. Short circuit in motor or loose connections. 3. Incorrect fusing or circuit breakers in power line.	1. Inspect cord or plug for damaged insulation and shorted wires. 2. Inspect all connections on motor for loose or shorted terminals or worn insulation. 3. Install correct fuses or circuit breaker.
Motor fails to develop full power (power output of motor decreases rapidly with decrease in voltage at motor terminals).	1. Power line overloaded with lights, appliances and other motors. 2. Undersize wires or circuits too long. 3. General overloading of power company facilities.	1. Reduce the load on the power line. 2. Increase wire size or reduce circuit length. Check extension cord (if applicable) for proper amperage. 3. Call power company for power check.
Motor overheats.	1. Motor overloaded. 2. Air circulation through motor restricted.	1. Reduce load on motor. 2. Clean out motor to provide normal air circulation.
Motor stalls (resulting in blown fuses or tripped circuit).	1. Short circuit in motor or loose connections. 2. Low voltage. 3. Motor overload. 4. Incorrect fuses or circuit breaker in power line.	1. Inspect connections on motor for loose or shorted terminals or worn insulation. 2. Correct the low voltage conditions. 3. Install correct fuses or circuit breakers. 4. Reduce load on motor.
Machine slows down when operating.	1. Low voltage to motor. 2. Applying too much pressure to workpiece.	1. Correct the low voltage conditions. 2. Feed workpiece slower. Check blade sharpness.
Saw vibrates excessively while running.	1. Drive pulleys out of alignment. 2. Saw on un-even surface. 3. Saw blade bent or mis-aligned. 4. Loose fastener in drive or trunnion assembly.	1. Check belt and pulleys for alignment. 2. Check footing of table saw legs. 3. Check for mis-alignment or damaged saw blade. 4. Inspect saw for loose or missing fasteners.
Workpiece unreasonably slow to cut. Wood smokes and finished cut is burnt.	1. Saw blade dull, damaged, or incorrect for cutting task. 2. Fence not parallel to saw blade.	1. Sharpen or replace saw blade. Verify blade requirements for cutting task. 2. Check fence for alignment, using method described on pages 17-18.
Workpiece binds while rip-cutting.	1. Fence not parallel to sawblade. 2. Workpiece bowed or twisted. 3. Saw blade dull or damaged. 4. Saw guard bracket poorly aligned.	1. Check fence for alignment, using method described on pages 17-18. 2. Check wood for imperfections and correct. 3. Inspect sawblade. Repair or replace, if necessary. 4. Check saw guard for alignment – parallel to saw blade.
Workpiece binds or kicks while cross-cutting.	1. Workpiece touching fence. 2. Improper grip at miter gauge.	1. Remove fence from cutting area. 2. Improve grip on workpiece. Use clamp.
Saw removes excessive stock.	1. Damaged saw blade. 2. Improper blade for task.	1. Inspect sawblade. Repair or replace, if necessary. 2. Verify blade requirements for cutting task.
Arbor height and tilt controls stiff – difficult to set.	1. Adjustment shafts gummed up with sawdust and grime. 2. Worm gear needs adjustment.	1. Clear worm gear of foreign substances, lubricate. 2. Adjust worm gear. See page 21.