

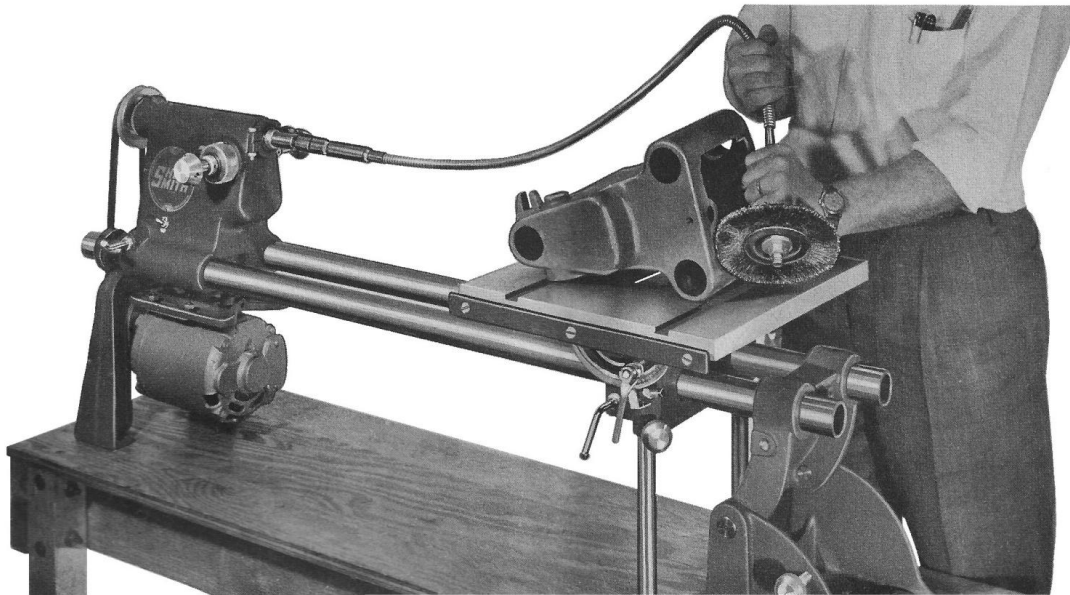


FIG. 23

ROUTER - The large work table makes an excellent surface for routing and veining operations. Both the miter gauge and rip fence can be used as guides.

SHAPER - Shopsmith can be used in either of two positions for shaping and molding: horizontal or vertical.

FLEXIBLE SHAFT - Shopsmith makes a good source of power for a flexible shaft ([Fig. 23](#)). The table makes an excellent base for resting or clamping work when grinding, routing, and buffing, etc.

SAFETY PRECAUTIONS

Most accidents, whether they occur in industry, on the farm, at home, or on the highway, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason most accidents can be prevented, by recognizing the real cause and doing something about it before the accident occurs. Regardless of the care used in the design and construction of any kind of equipment, there are many conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

A CAREFUL OPERATOR is the best insurance against an accident. The complete observance of one simple rule would prevent many thousand serious injuries each year. The rule is Never attempt to clean, oil or adjust a machine of any kind while it is under power or in motion. In addition to the recommendations for safe operating practices in the preceding text:

1. Never make any adjustment while the motor is running.
2. Keep belt guard on - extremely important in the vertical position to keep operator's hair out of the pulley.
3. Do not wear loose clothing - ties, loose sleeves, etc. - when operating power machinery of any kind.
4. Do not allow small children close to the unit when motor is running. Better still; do not allow children in room while operating under power. Always pull out electric plug when the machine is left unattended as children might turn on power.

HOW TO ORDER REPAIR PARTS ([This information was true in 1947 see Appendices for where to find parts in today's marketplace](#))

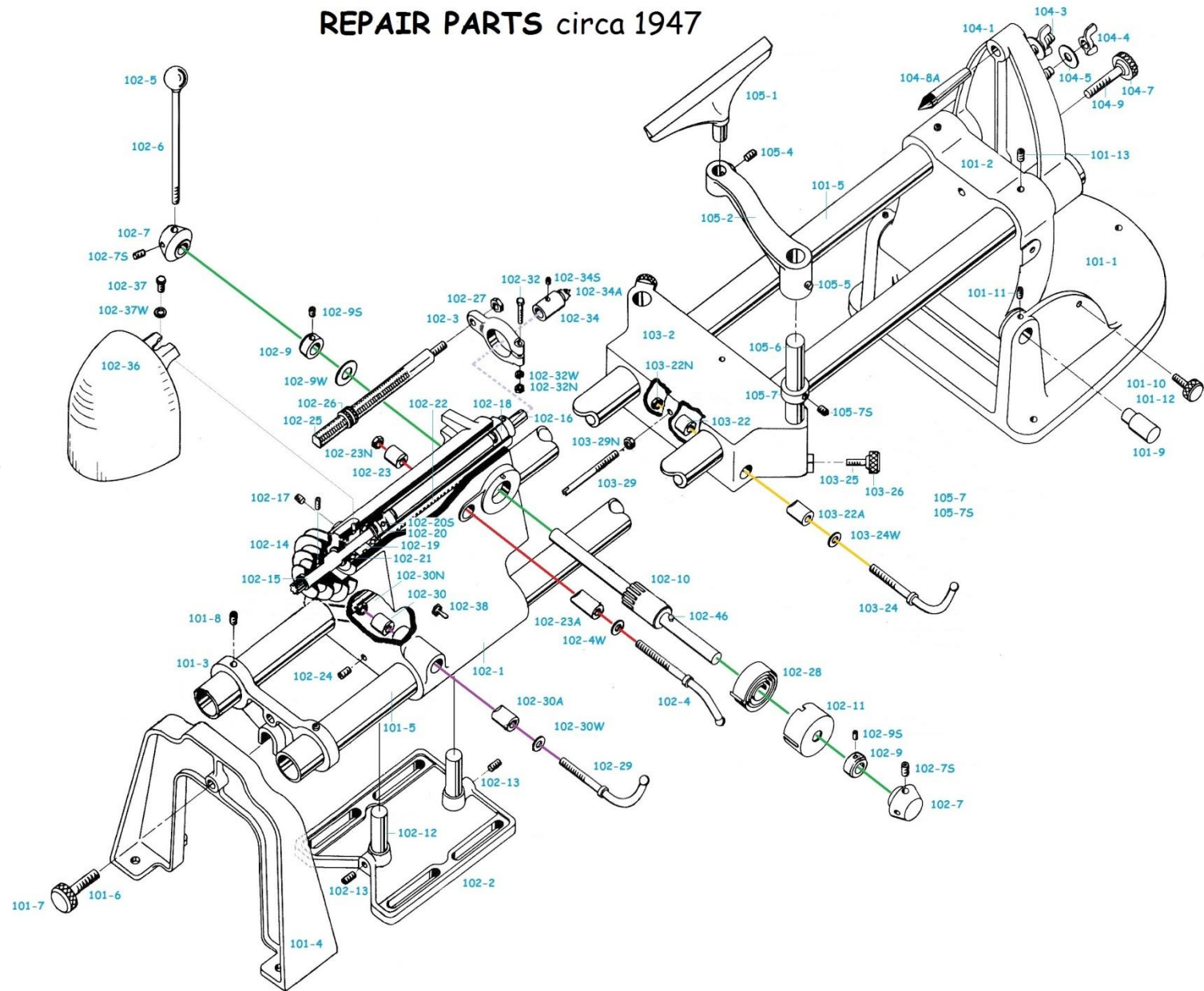
To have your order filled promptly and correctly, please furnish all the following information:

1. Model Number appears on nameplate.
2. Part Number, Name and Description of part (see list).
3. Complete Serial Number as stamped on name plate. You pay charges from shipping point (San Francisco, Calif.). Charges based on size and total weight of order, use any one of the following shipping methods.
 - PARCEL POST ... limit 70 lbs. Add postage to remittance.
 - EXPRESS ... fastest for un-mailable or bulky items.
 - FREIGHT ... cheapest for un-mailable or bulky items.

When goods arrive by express or freight, pay station agent; if no agent, add estimated shipping charges to remittance. In all cases, any excess will be refunded.

REPAIR PARTS

REPAIR PARTS circa 1947



MAIN ASSEMBLIES Exploded view

REPAIR PARTS - circa 1947

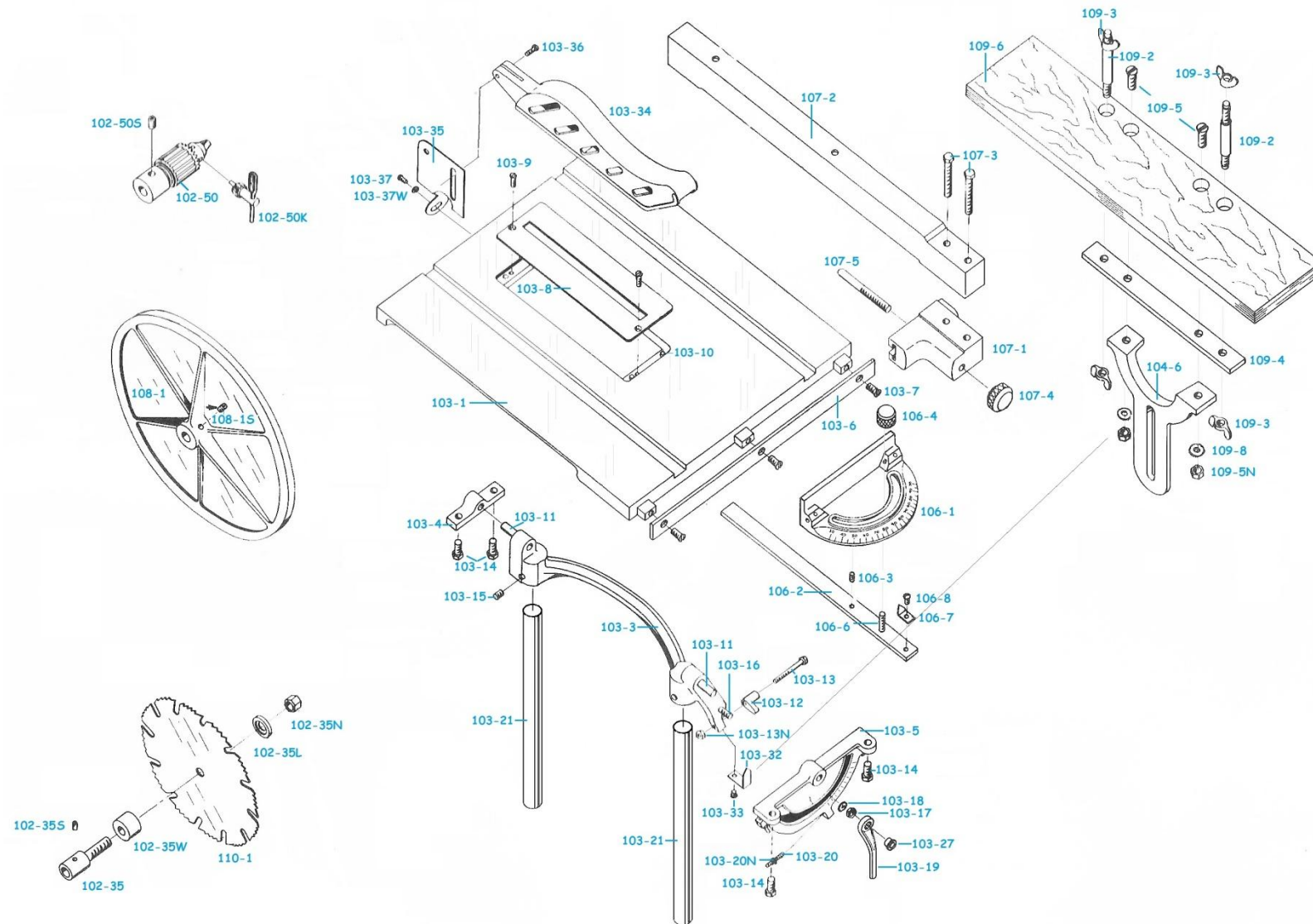


TABLE Exploded view

REPAIR PARTS

PART NO.	NAME AND DESCRIPTION	NO. REQ'D	PRICE (EACH)	SHIP. WT.	
				LBS.	OZ.
101-1	Baseplate	1	\$11.25	30	—
101-2	Baseplate Arm	1	7.50	15	—
101-3	Tie Bar	1	2.40	3	—
101-4	Headrest	1	4.85	14	—
101-5	Tubular Way	2	7.80	19	—
101-6	Headrest Knob stud screw	1	.20	—	5
101-7	Headrest Knob	1	.30	—	5
101-8	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
101-9	Base Hinge Pin	2	.70	—	9
101-10	Base Plate Knob Studscrew	1	.20	—	4
101-11	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
101-12	Base Plate Knob	1	.30	—	5
101-13	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
102-1	Headstock	1	17.90	35	—
102-2	Motor Bracket	1	2.75	5	—
102-3	Gauge Collar	1	.95	—	12
102-4	Quill Lock Lever	1	.45	—	7
102-4W	Washer 5/16"	1	.05	—	3
102-5	Plastic Knob	1	.25	—	4
102-6	Feed Lever	1	.25	—	6
102-7	Feed Lever Knob	2	1.50	—	6
102-7S	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
102-9	Collar, 3/4"	2	.50	—	5
102-9S	Allen Setscrew, 1/4"-20 x 1/4"	2	.10	—	3
102-9W	S.A.E. Washer, 3/4"	2	.05	—	3
102-10	Pinion Shaft	1	5.60	3	—
102-11	Spring Housing	1	.35	—	6
102-12	Motor Bracket Rod	2	.40	—	11
102-13	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
102-14	Headstock Pulley	1	1.10	2	—
102-14A	Motor Pulley 1/2", 3/8"-3/4"	1	1.10	2	—
102-15	Drive Shaft	1	5.45	1	8
102-16	Spindle	1	3.00	2	—
102-17	Allen Setscrew, 3/8"-16 x 1/2"	1	.10	—	3
102-18	Bearing — Fafnir No. 202KLL3	2	1.60	—	5
102-19	Spacer Ring	1	.30	—	8
102-20	Collar, 3/8"	2	.45	—	5
102-20S	Allen Setscrew, 1/4"-20 x 1/4"	2	.10	—	3
102-21	Bearing — Fafnir No. 205KLL2	2	2.15	—	9
102-22	Quill	1	4.55	3	4
102-23	Wedge	1	.30	—	6
102-23N	Wedge Nut	1	.05	—	3
102-23A	Wedge	1	.20	—	7
102-24	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
102-25	Gauge Rod	1	.75	—	12
102-26	Gauge Rod Nut	2	.15	—	3
102-27	Hex. Nut, 3/8"-16	1	.05	—	3
102-28	Spring	1	.95	—	9
102-29	Headstock Lever	1	.45	—	7
102-30	Wedge	1	.30	—	6
102-30N	Wedge Nut	1	.05	—	3
102-30A	Wedge	1	.20	—	7
102-30W	Washer, 5/16"	1	.05	—	3
102-31	"V" Belt (38" outside dia.)	1	.95	—	8
102-32	Hex. screw, 1/4"-20 x 1 3/4"	1	.05	—	3
102-32N	Hex. Nut, 1/4"-20	1	.05	—	3
102-32W	Lock Washer, 1/4"	1	.05	—	2
102-34	Drive Center	1	1.15	—	7
102-34A	Drive Center Pin	1	.15	—	3
102-34S	Allen Setscrew, 1/4"-28 x 1/4"	1	.10	—	3
102-35	Saw Arbor	1	.90	—	8

PART NO.	NAME AND DESCRIPTION	NO. REQ'D	PRICE (EACH)	SHIP. WT.	
				LBS.	OZ.
102-35N	Hex. Nut, 1/2"-24	1	\$.05	—	3
102-35W	Arbor Washer (wide)	1	.20	—	9
102-35L	Arbor Washer (narrow)	1	.15	—	5
102-35S	Allen Setscrew, 1/4"-28 x 1/4"	1	.10	—	3
102-36	Belt Guard	1	2.25	2	—
102-37	Hex. Head Cap Screw, 3/8" x 1/2"	1	.05	—	3
102-37W	Washer, 3/8"	1	.05	—	3
102-38	Switch Assembly	1	1.00	—	4
102-42	Parker Kalon Fastener, No. 4	2	.05	—	3
102-46	Parker Kalon Pin, No. 6 x 5/16"	1	.05	—	3
102-50	Jacobs Key Chuck, No. 3326, with Integral Adaptor	1	7.50	1	12
102-50S	Allen Setscrew, 3/8"-16 x 3/8"	1	.10	—	3
102-50K	Chuck Key	1	.10	—	6
103-1	Table	1	14.80	15	—
103-2	Carriage	1	7.90	15	—
103-3	Table Tie Bar	1	5.10	6	—
103-4	Table Bearing	1	1.50	—	6
103-5	Trunnion	1	2.30	1	—
103-6	Fence Bar	1	.50	1	8
103-7	Flat Hd. Mach. Screw, 1/4"-20 x 3/4"	3	.10	—	3
103-8	Table Insert (saw blade)	1	.70	—	8
103-9	Flat Hd. Mach. Screw, 10-24 x 3/8"	2	.05	—	3
103-10	Allen Setscrew, 1/4"-20 x 1/4"	4	.10	—	3
103-11	Table Hinge Pin	2	.30	—	5
103-12	Stop Flange	1	.30	—	4
103-13	Fillister Hd. Screw, 1/4"-20 x 1 1/4"	1	.20	—	3
103-14	Cap Screw, 3/8"-16 x 1"	4	.05	—	3
103-15	Allen Setscrew, 3/8"-16 x 1/2"	2	.10	—	3
103-16	Trunnion Studscrew	1	.15	—	3
103-17	S.A.E. Hex Nut, 3/8"-24	1	.05	—	3
103-18	Washer, 5/16"	2	.05	—	3
103-19	Trunnion Wrench	1	.75	—	5
103-20	Headless Setscrew, 10-24 x 1"	3	.10	—	3
103-20N	Hex. Nut, 10-24	3	.05	—	3
103-21	Table Rod	2	1.75	4	8
103-22	Wedge	1	.30	—	6
103-22N	Wedge Nut	1	.05	—	3
103-22A	Wedge	1	.20	—	7
103-24	Carriage Lever	1	.45	—	8
103-24W	Washer, 5/16"	1	.05	—	3
103-25	Carriage Knob Studscrew	2	.20	—	3
103-26	Carriage Knob	2	.30	—	5
103-27	Trunnion Stud Cap	1	.30	—	3
103-29	Carriage Positioning Stud	1	.15	—	6
103-29N	Hex. Nut, 3/8"-16	1	.05	—	3
103-32	Trunnion Indicator	1	.15	—	3
103-33	Rd. Hd. Mach. Screw, 10-24 x 1/4"	1	.05	—	3
103-34	Saw Guard	1	2.25	1	10
103-35	Splitter	1	.80	—	8
103-36	Round Head Screw, 1/4"-20 x 1"	1	.05	—	3
103-37	Round Head Screw, 1/4"-20 x 1 1/2"	1	.05	—	3
103-37W	Lock Washer, 1/4"	1	.05	—	3
104-1	Tailstock	1	4.85	11	—
104-3	Tailstock Stud	2	.20	—	5
104-4	Wing Nut, 1/2"-13	2	.15	—	5
104-5	Washer 1/2"	2	.05	—	5
104-6	Extension Bracket	1	1.40	1	—
104-7	Tailstock Knob	1	.30	—	5
104-8A	Dead Center (60°)	1	.95	—	8

PARTS LIST with 1947 Pricing

REPAIR PARTS (Cont.)

PART NO.	NAME AND DESCRIPTION	NO. REQ'D	PRICE (EACH)	SHIP. WT.	
				LBS.	OZ.
104-9	Tailstock Knob Studscrew.....	1	\$.20	—	6
105-1	Tool Rest.....	1	1.25	1	8
105-2	Tool Rest Arm.....	1	1.65	3	—
105-4	Allen Setscrew, 3/8"-16 x 1/2".....	1	.10	—	3
105-5	Allen Setscrew, 3/8"-16 x 1/2".....	1	.10	—	3
105-6	Tool Rest Post.....	1	.65	1	14
105-7	Collar 1.....	1	.65	—	6
105-7S	Allen Setscrew, 3/8"-16 x 3/8".....	1	.10	—	3
106-1	Miter Gauge.....	1	2.00	1	—
106-2	Miter Gauge Bar.....	1	.90	1	—
106-3	Miter Gauge Pin.....	1	.10	—	3
106-4	Miter Gauge Knob.....	1	.30	—	5
106-6	Miter Gauge Studscrew.....	1	.15	—	3
106-7	Miter Gauge Indicator.....	1	.15	—	3
106-8	Rd. Hd. Mach. Screw, 10-24 x 1/4".....	1	.05	—	3
107-1	Fence Base.....	1	1.45	1	—
107-2	Fence.....	1	5.10	3	—
107-3	Cap Screw, 3/8"-16 x 2 1/2".....	2	.10	—	4
107-4	Fence Knob.....	1	.30	—	5
107-5	Fence Tightening Screw.....	1	.20	—	5
108-1	Sanding Disc.....	1	4.50	4	14
108-1S	Allen Screw, 3/8"-16 x 1/2".....	1	.10	—	3

PART NO.	NAME AND DESCRIPTION	NO. REQ'D	PRICE (EACH)	SHIP. WT.	
				LBS.	OZ.
108-3C	12" Garnet Paper Disc (coarse).....	1	\$.25	—	6
108-3M	12" Garnet Paper Disc (medium).....	1	.25	—	6
108-3F	12" Garnet Paper Disc (fine).....	1	.25	—	6
109-2	Extension Pin.....	2	.30	—	6
109-3	Wing Nut.....	4	.10	—	3
109-4	Base Top Bar.....	1	.35	1	—
109-5	Fl. Hd. Mach. Screw, 1/4"-20 x 1 3/8".....	2	.10	—	3
109-5N	Hex. Nut, 1/4"-20.....	2	.05	—	3
109-6	Extension Table.....	1	1.30	1	—
109-8	Washer, 1/4"-20.....	2	.05	—	3
110-1	8" Combination Tooth Saw Blade.....	1	4.10	1	—
110-2	Allen wrench, 3/16".....	1	.10	—	3
110-3	Allen Wrench, 1/8".....	1	.10	—	3
150-1	Shopsmith Motor 1/2 H.P. Ball Bearing, Capacitor, 1725 R.P.M.....		35.95	35	—
160-1	Owner's Guide and Instruction Book.....		.25	—	6

ACCESSORIES AND ASSEMBLIES

PART NO.	NAME AND DESCRIPTION	PRICE (EACH)	SHIP. WT.	
			LBS.	OZ.
GENERAL				
102-16X	Spindle, Quill and Bearing Assembly	\$11.75	6	—
102-15X	Drive Shaft and Bearing Assembly ...	9.75	2	4
102-28X	Spring and Spring Housing Assembly	1.25	—	13
104-1X	Tailstock Assembly.....	5.75	11	6
103-24X	Carriage Lever Assembly (incl. wedges)	.90	1	—
102-29X	Headstock Lever Assembly (incl. wedges)	.90	1	—
102-4X	Quill Lever Assembly (incl. wedges) ..	.90	1	—
102-31	"V" Belt (38" outside diameter)	.95	—	8
122-1X	Shopsmith Bench..... (Steel legs, angle supports, all bolts and screws, excluding wood top.)	9.95	20	—
123-1X	Table Raising Assembly.....	3.95	4	—
135-1X	Mitre Gauge Stop Rod.....	1.25	—	8
136-1X	5/8 to 1/2" Spindle Adapter for Flexible Shaft	.90	—	14
139-1X	Front Table Extension.....	2.75	1	—
DRILL PRESS				
102-50	Jacobs Key Chuck No. 3326 with Integral Adaptor	7.50	1	12
125-1	Table Insert — No Slot.....	.70	—	8

PART NO.	NAME AND DESCRIPTION	PRICE (EACH)	SHIP. WT.	
			LBS.	OZ.
SAW				
102-35X	½" Saw Arbor Assembly.....	\$ 1.25	—	14
110-1	8" Combination Circular Saw.....	4.10	1	—
106-1X	Miter Gauge Assembly.....	3.25	3	—
107-1X	Fence Assembly.....	6.50	4	—
126-1X	¾" Arbor Assembly.....	1.25	—	14
124-1	Table Insert — 1" Dado.....	.70	—	8
LATHE				
102-34X	Drive Center Assembly.....	1.25	—	8
104-8A	60° Center.....	.95	—	8
105-1X	Tool Rest Assembly.....	3.50	5	8
120-1X	3½" Face Plate.....	1.50	2	—
121-1X	6" Face Plate.....	2.50	3	—
104-8B	Cup Center.....	1.00	—	8
127-1	Screw Center.....	1.40	—	8
DISC SANDER				
108-1X	Sanding Disc Assembly (incl. one coarse garnet disc).....	4.50	5	—
108-3X	12" Garnet Paper Discs—Package of six (State grit desired).....	1.40	1	4
108-4	Disc Adhesive (Small Tube).....	.25	—	6
128-1	Disc Adhesive (Large Tube).....	.50	—	12

NOTICE TO CUSTOMERS: We reserve the right at any time to increase any price, if merchandising costs make an increase expedient. Prices are subject to an additional charge to cover any applicable sales tax, occupation tax or other tax affecting our purchase or sale of merchandise.

PARTS LIST Continued - with 1947 Pricing