

Operating Instructions and Parts List for

Jig Saw
15 Inch

Model 103.0402

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Emerson Tool Company
8100 West Florissant, Bldg, T
PO Box 36902
St. Louis, MO 63136

info@ridgidwoodworking.com

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OPERATING INSTRUCTIONS AND PARTS LIST FOR

SPD

JIG SAW 15 INCH

MODEL NUMBER 103.0402

This is the model number of your jig saw. It will be found on a plate on the top of the base. Always mention this model number when communicating with us regarding your jig saw or when ordering parts.

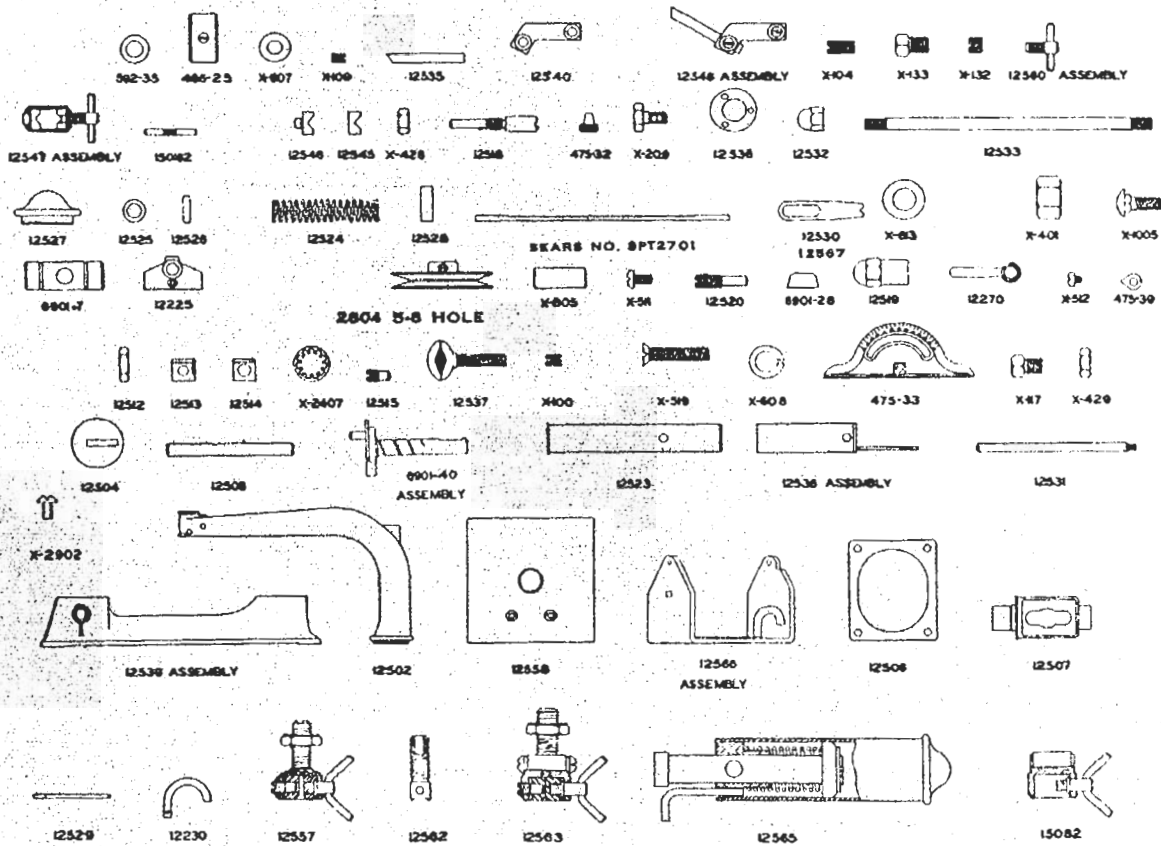
This list is valuable. It will assure your being able to obtain proper parts service at all times. We suggest you keep it with other valuable papers.

SEARS, ROEBUCK and CO.

HOW TO ORDER PARTS FOR SEARS 15 INCH JIG SAW MODEL NUMBER 103.0402

All parts listed here may be ordered through any Sears Retail store or the mail order store which serves the territory in which you live. Parts are shipped prepaid. When ordering repair parts, always be sure and give

1. The Part Number
2. The Part Name
3. The Model Number, which is Number 103.0402 and which will be found on a plate on the top of the base.



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PARTS LIST

This Sheet is Intended for Instruction and Repair Parts only and is not a Packing Slip.
The Parts Shown and Listed may include Accessories Not Necessarily Part of This Tool.

All Parts Are Shipped Prepaid
All prices are subject to change without notice.

Part Number	Name of Part	Selling Price (each)	Part Number	Name of Part	Selling Price (each)
475-32	Oil Plug .....	.15	12557	Chuck Jaw Assembly-Lower .....	.50
475-33	Protractor .....	.40	12558	Table	2.70
475-39	Protractor Pointer .....	.15	12562	Chuck Stem-Upper .....	.25
486-25	Spindle Set Collar—Assembly .....	.15	12563	Chuck Jaw Assembly—Upper Complete .....	.65
592-35	Drive Pulley Washer .....	.25	12565	Pump Tube Complete—Includes 12523 (1) 12524 (1) 12525 (1) 12528 (1) 12527 (1) 12528 (1) 12533 (1)	1.25
6901-7	Saw Blade—See Sears Catalog 9P.T. 2701	.15	15062	Chuck Jaw Clamp Screw Pin .....	.15
6901-28	Yoke Pin .....	.15	15082	Upper Chuck Jaw Assembly .....	.35
6901-40	Saw Dust Reflector .....	.15	X-805	Pulley Shaft Bearing .....	.25
12225	Shaft and Drive Disc Assembly .....	.75	X-2902	Chuck Jaw Housing Screw .....	.10
12230	Yoke .....	.30		Pulley Sears No. 2804 7/8" Hole See Catalog	
12270	Breather Tube .....	.20		THE FOLLOWING PARTS ARE STANDARD AND CAN BE PURCHASED LOCALLY.	
12502	Rip Fence Clamp Lever .....	.20	X-100	Spindle Set Collar Screw 1/4-20x1/4 ..	.10
12504	Arm	3.25	X-104	Pump Tube Lock Screw 1/4-20-1/2 ..	.10
12504	Table Insert .....	.25	X-109	Sabre Saw Guide Support Screw 3/16 24-1/4 .....	.10
12566	Table Support Assembly .....	.75	X-117	Yoke Set Screw 5/16-24-1/4 .....	.10
12506	Table Support Gasket .....	.15	X-132	Pulley Set Screw 5/16-18-1/4 .....	.10
12507	Lower Guide Rod Support .....	.45	X-133	Pulley Set Screw 5/16-18-3/4 .....	.10
12508	Lower Guide Rod .....	.40	X-209	Table Support Screw 1/4-20-1/2 .....	.10
12512	Chuck Jaw Housing Lock Nut .....	.15	X-401	Arm Stud Nut 1/2-20-5/16 .....	.10
12513	Chuck Jaw Stationary .....	.15	X-428	Table Pivot Pin Nut 1/4-28-3/16 .....	.10
12514	Chuck Jaw—Movable .....	.15	X-429	Table to Protractor, Saw Guide Rod 10-32-3/16 .....	.10
12515	Chuck Jaw—Pilot .....	.15	X-511	Lower Guide Rod Support Screw 10-24-1/4 .....	.10
12518	Table Pivot Pin .....	.15	X-512	Protractor Pointer Screw 8-32-1/4 .....	.10
12519	Protractor Lock Nut .....	.15	X-519	Table to Protractor Screw 10-32-1/4 ..	.10
12520	Table Pivot Pin—Front .....	.15	X-607	Protractor Lock Nut Washer 1/4-Std. ..	.10
12523	Upper Guide Rod .....	.35	X-608	Table to Protractor, Saw Guide Rod, Lower Guide Rod Support Washer 11/64-Std. .....	.10
12524	Pump Spring .....	.15	X-613	Saw Guide Rod Washer 3/16-Std. .....	.10
12525	Pump Spring Washer .....	.15	X-1005	Protractor Clamping Bolt 1/4-20-1/4 Carriage Bolt .....	.10
12526	Pump Cup Leather .....	.15	X-2407	Shakeproof Lock Washer .....	.10
12527	Pump Tube Cap .....	.25			
12528	Bumper .....	.15			
12529	Air Tube .....	.15			
12530	Saw Guide Upper .....	.15			
12567	Saw Guide Lower .....	.15			
12531	Saw Guide Rod .....	.15			
12532	Arm Stud Nut .....	.15			
12533	Arm Stud .....	.30			
12536	Lower Guide Rod Support Gasket .....	.15			
12537	Saw Guide Rod Lock Screw .....	.15			
12538	Pump Tube Assembly .....	.60			
12539	Base Assembly	5.50			

THE FOLLOWING PARTS ARE SOLD SEPARATELY AS ACCESSORIES

MACHINE FILE ATTACHMENT ASSEMBLY

12547	Complete Assembly—Includes 15080 (1) 12545 (1) 12546 (1) 12560 (1) .....	.50	12545	Machine File Jaw-Movable .....	.25
15080	Chuck, Not Illustrated .....	.25	12546	Machine File Jaw—Stationary .....	.25
			12560	Machine File Jaw Clamp Screw Assembly .....	.25

SABRE SAW ATTACHMENT ASSEMBLY

12548	Complete Assembly—Includes 12535 (1) 12540 (1) .....	.50	12535	Sabre Saw Guide .....	.15
X-109	Set Screw .....	.10	12540	Sabre Saw Guide Support Assembly Includes 12534(1) x-109 (2) .....	.35

We suggest you write your orders for repair parts like this sample.

Sears, Roebuck and Co.

Enclosed find my check for \$3.55 for which please send me by parcel post the following parts for my Jig Saw, Model Number 103.0402:

1 ea. No. 12502 Arm	\$3.25
1 ea. No. 12533 Arm Stud	.30
	\$3.55

Yours truly, John Martin, Box 128, Richmond, Ind.

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OPERATING INSTRUCTIONS

LUBRICATION

Do not run this tool until crank case is filled with oil. The crank case filler plug is in the depression at the rear of crank case housing. Remove plug and fill until oil comes out of plug hole. (It will require $\frac{1}{2}$ pint). Crank case must always be filled to insure proper lubrication of the close fitting moving parts. (Use a good grade of oil similar to S.A.E. #30.)

Also fill reservoir on main bearing on pulley shaft. To fill easily and completely, use an oil can with a small spout or a pressure oil can in order to displace air in reservoir. Always keep this reservoir filled with oil.

This tool is equipped with the new type bronze bearings having invisible pores through which the oil flows to the revolving shaft. NOTE: Do not drill hole through the bronze bearing to feed oil to shaft, it is not necessary.

CAUTION: Jig saw drive pulley must rotate in the direction indicated by arrow on bearing housing on right side of crank case.

Operating speed 600 to 800 R.P.M.

The air pump piston and upper guide rod can occasionally be lubricated through hole in cap.

The upper chuck jaw housing has a hole clear through. This permits the use of longer blades such as broken band saw blades.

TO INSERT BLADE

(First). With saw teeth pointing down toward the table fasten end of blade in lower chuck. Rotate the pulley by hand until blade is at top of stroke.

(Second). Pull upper chuck down $\frac{5}{8}$ to $\frac{3}{4}$ inch and fasten top end of blade in the upper chuck.

For best results, be sure that blade is square with top surface of table for vertical alignment.

The saw blade chucks can be turned 90 degrees to permit rip sawing.

For sabre sawing and filing the saw arm can be swung to the right or left or removed entirely by loosening the acorn nut at top of arm.

At the arm pivot joint at the rear end of base a mark determines the normal sawing alignment of the arm.

ACCESSORIES

A sabre saw guide attachment and adjustable holder are available.

A machine file chuck and jaws are available for $\frac{1}{4}$ and $\frac{5}{16}$ shank files.