

**OPERATING INSTRUCTIONS  
AND PARTS LIST FOR  
CRAFTSMAN JOINTER**

**MODEL NUMBER 103.0502**

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

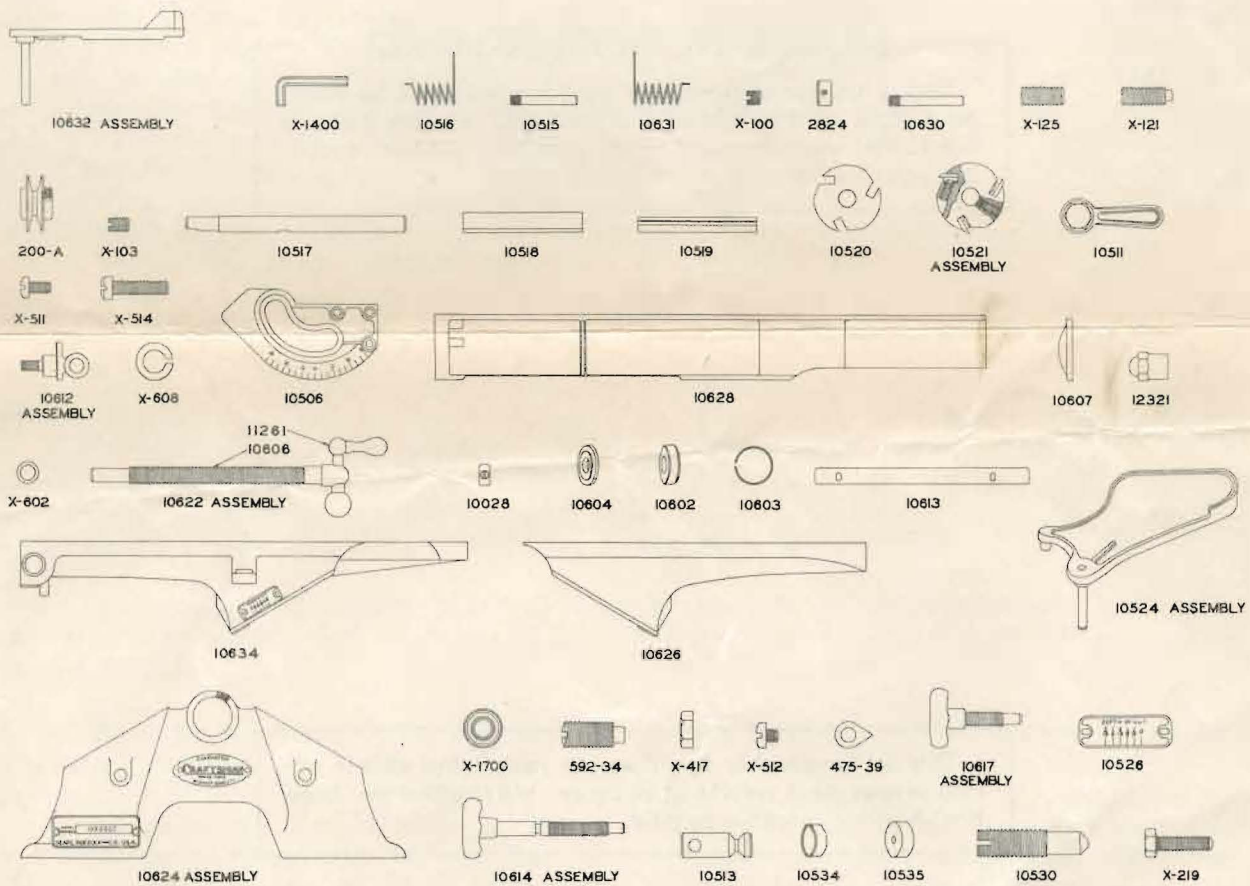
This list is valuable. It will assure your being able to obtain proper parts service at all times. We suggest you keep it with other valuable papers.

**SEARS, ROEBUCK and CO.**

## HOW TO ORDER PARTS FOR SEARS CRAFTSMAN JOINTER MODEL NUMBER 103.0502

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 give the following information:

1. The Part Number
2. The Part Name
3. The Model Number, which is Number 103.0502 and which will be found on the right side of the frame.



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## PARTS LIST

All parts are shipped prepaid.  
All prices are subject to change without notice.

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.

Part Number	Name of Part	Selling Price	Part Number	Name of Part	Selling Price
		(each)			(each)
10602	Bearing Retainer	.25	10520	Cutter Head	3.60
10603	Bearing Preloading Spring	.20	10521	Cutter Head Assembly--includes 10520(1) 10518(3) 10519(3) X-121(9) X-125(1)	8.00
10604	Bearing Spacer	.20	10524	Guard Assembly--includes 10504(1) 10515(1)	.65
10606	Fence Actuating Screw	1.10	10526	Depth of Cut Scale	.15
10607	Fence Assembly Clamp Washer	.15	10530	Table Lock Stud	.20
10612	Protractor Guide Assembly--includes 10610(1) 10611(1)	1.10	10534	Table Tensioner Retainer	.15
10613	Fence Assembly Alignment Plate	.40	10535	Table Tensioner	.15
10614	Table Adjusting Screw Assembly--includes 10512(1) 10612(1)	.40	10028	Guard Pivot Stop Collar	.15
10617	Table Lock Screw Assembly 10616(1) 10522(1)	.45	11261	Table Raising Crank	.45
10622	Fence Actuating Screw Assembly--includes 11261(1) 10601(1)	1.50	12321	Protractor Clamp Nut	.25
10624	Base Assembly--includes 10601(1) 10615(1) X-100(1) X-1303(1)	6.25	475-39	Depth of Cut Pointer	.15
10625	Front Table	5.25	592-34	Table Adjusting Screw	.15
10626	Rear Table	4.25	2824	Fence Actuating Screw Collar	.15
10628	Fence	2.25	200-A	Pulley	.30
10630	Cutter Guard Pivot Pin	.15			
10631	Cutter Guard Pivot Spring Rear	.15		THE FOLLOWING PARTS ARE STANDARD AND CAN BE PURCHASED LOCALLY.	
10632	Cutter Guard Assembly--includes 10629(1) 10630(1)	.65	X-100	Guard Pivot Collar, Fence Screw Collar and Bearing Retainer Screw--1/4 - 20 - 1/4	.10
10634	Front Table Assembly--includes 10625(1) 10526(1)	5.40	X-103	Pulley Set Screw--1/4 - 20 - 3/8	.10
10636	Fence Assembly--includes 10628(1) 10506(1) X-514(3)	2.50	X-121	Cutter Head Screw--5/16 - 24 - 3/4	.15
10506	Fence Protractor	.60	X-125	Cutter Head Lock Screw--5/16 - 24 - 3/4	.15
10511	Fence Assembly Wrench	.45	X-219	Table Tensioner Screw--1/4 - 25 - 1	.10
10513	Table Adjusting Nut	.30	X-417	Table Adjusting Screw Nut Retainer Screw Nut 5/16 - 18 - 1/4	.10
10515	Guard Pivot--Front	.15	X-511	Fence Assembly Alignment Plate Screw	.10
10516	Guard Pivot Spring--Front	.15	X-512	Depth of Cut Pointer Screw--8 - 32 - 1/8	.10
10517	Cutter Head Shaft	.45	X-514	Protractor Screw--1/4 - 20 - 1	.10
10518	Cutter Head Blade	.70	X-602	Table Tensioner Screw Washer	.10
10519	Cutter Head Blade Lock	.25	X-608	Fence Assembly Alignment Washer	.10
			X-1400	Wrench--5/16 Allen Wrench	.15
			X-1700	202 Single Seal Ball Bearing	1.20

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

Sears, Roebuck and Co.

Enclosed find my check for \$3.75 for which please send me by parcel post the following parts for my Craftsman Jointer, Model Number 103.0502:

1 ea. No. 10516 Guard Pivot Spring	\$ .15
1 ea. No. 10520 Cutter Head	<u>3.60</u>
	<u>\$3.75</u>

Yours truly,

John Marten  
Box 128  
Richmond, Ind.

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## INSTRUCTIONS

This tool is equipped with two precision type ball bearings which are fully enclosed in dust-proof housings. These bearings have been packed with grease and will not need any attention for considerable time. Recommended operating speed is approximately 4400 R.P.M.

This machine is fitted with 4 1/4" High Speed Steel Knives which are mounted in an oversize well-balanced 2 3/8" round x 4 1/4" long steel safety cutter head.

**IMPORTANT:** Rear table on this machine has been set and locked in correct relation to knife-edge of blades at factory. Do not disturb this adjustment. When re-sharpening blades, be sure they are adjusted properly. To set blades in head after blades are sharpened, place in slots, leave a little high and tighten screws slightly, just enough to hold in place. With a scale or straightedge held on top face of rear table, put each end of blade in alignment with top face of rear table. A piece of hard wood can be used to tap blades down in position. Rotate cutter head and blade back and forth under straightedge until blades are in position after which tighten screws securely. Front table has been raised for shipping reasons and must be lowered to depth of cut desired.

Both front and rear table are adjustable with hand knobs and equipped with locking device which is operated from side of machine. Be sure and release locking hand knob on right-hand side of base when making adjustment for depth of cut, then re-lock in position.

Rear table has ledge for rabbeting to depth of 5/16". Front table has adjustable depth scale indicating depth of cut. To reset, move pointer to correct any error in depth of cut. Front table is fitted with improved light-weight safety guard which can be placed out of position for rabbeting. To do so, swing clear of machine, push down on pivot end, let edge of guard slip under top edge of side of front table. To put back in position, to guard cutter head, reverse operation.

The two-way 45-degree tilting fence pivots on its knife-edge on front table top. To tilt, loosen nut at front of protractor, then tilt fence to desired angle and relock nut.

To move the fence turn the hand crank until fence assembly moves along screw to desired position.

If necessary at any time to reset fence, square with table, place zero mark on protractor quadrant exactly in line with top edge of table and loosen the three screws in end of fence and shift fence so it is square with table top using an accurate tri-square for the purpose. When in correct position tighten screws securely.

**Caution:** Always keep safety guard over cutter head.