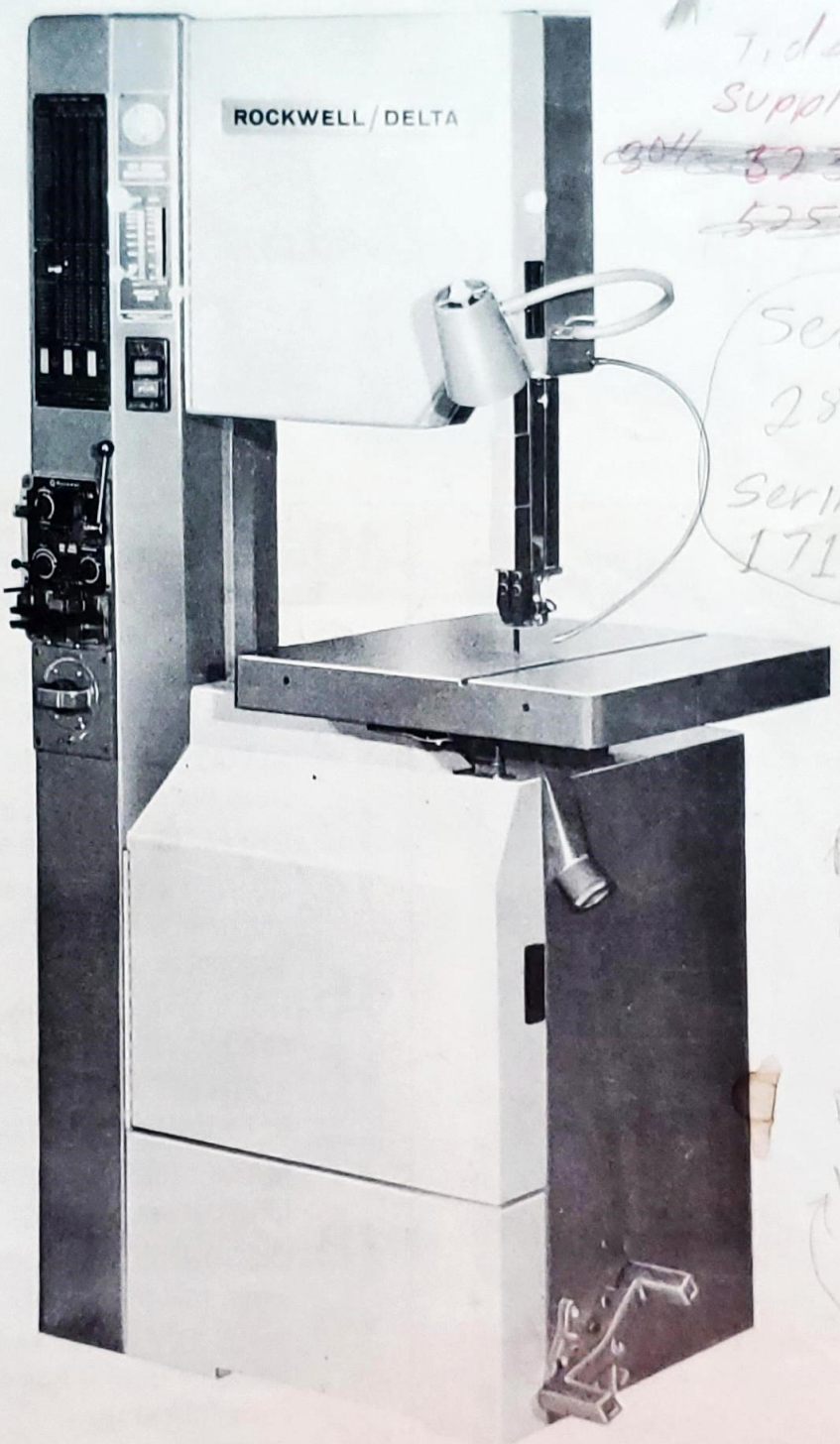
Rockwell
MANUFACTURING COMPANY
The Rockwell Building · Pittsburgh, Pa.

PM 426-05-651-5002

DATED IM-2-15-71

ROCKWELL–DELTA
20" METAL–WOOD VARIABLE SPEED BAND SAW



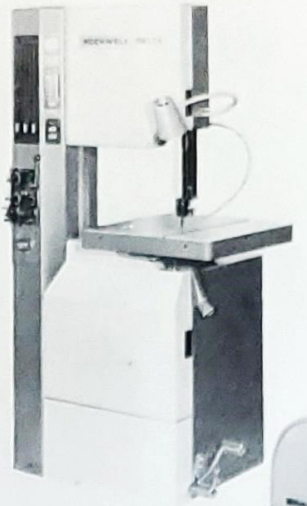
No. 28-345 Band Saw
Shown with Accessory 25-857 Lamp Attachment, 28-701 Blade Welder and Flash Grinder, 28-005 Blade Shear, and Electricals.

SAFETY SUGGESTIONS FOR ROCKWELL DELTA BAND SAWS AND SCROLL SAWS

24" VARIABLE SPEED SCROLL SAW

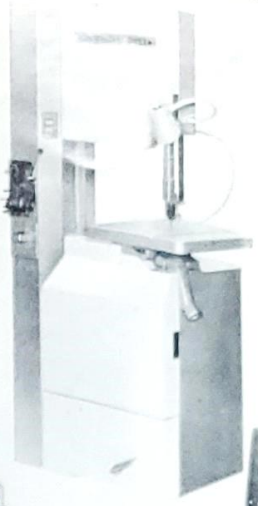
16" SCROLL SAW

14" METAL CUTTING BAND SAW



20" METAL CUTTING BAND SAW

14" WOOD CUTTING BAND SAW



20" WOOD/ NON-FERROUS CUTTING BAND SAW

10" BAND SAW

1. READ the instruction manual before operating your machine.
2. IF YOU ARE NOT thoroughly familiar with the operation of Band Saws and Scroll Saws, obtain advice from your supervisor, instructor or other qualified person.
3. REMOVE tie, rings, watch and other jewelry, and roll up sleeves.
4. ALWAYS wear safety glasses or a face shield.
5. MAKE SURE wiring codes and recommended electrical connection instructions are followed and that machine is properly grounded.
6. MAKE all adjustments with the power off.
7. CHECK all adjustments on the scroll saw by rotating the motor by hand before turning power on.
8. LOWER the hold down on the scroll saw so that it presses lightly on the material being cut.
9. ADJUST the upper guide on the band saw about ⅛" above the material being cut.
10. MAKE SURE that blade tension and blade tracking are properly adjusted on the band saw.
11. STOP the machine before removing scrap pieces from the table.
12. ALWAYS keep hands and fingers away from blade.
13. CHECK for proper blade size and type.
14. DO NOT attempt to saw stock that does not have a flat surface, unless a suitable support is used.
15. HOLD material firmly and feed into blade at a moderate speed.
16. TURN OFF the machine if the material is to be backed out of an uncompleted cut.
17. MAKE "release" cuts before cutting long curves.
18. DISCONNECT machine from power source when making repairs.
19. SHUT OFF power and do not leave machine until it has come to a complete stop.
20. BEFORE LEAVING the machine, make sure the work area is clean.

INTRODUCTION

All Rockwell Band Saws are carefully inspected and tested before shipment. While in transit, however, it is possible that the machine may get out of alignment. Therefore before putting the machine into operation give it a careful check and make adjustments where necessary. A carefully set up machine will save you time, trouble and money.

SELECTING FLOOR SPACE

It is important that the Band Saw be set on a solid, level foundation. If rocking occurs, place metal shims at the corners between the cabinet and floor. Lag screws or bolts should be used to secure the machine to the floor.

CLEANING THE BAND SAW

The machined and unpainted surfaces have been protected with a coating of rust preventive. This coating should be removed with a soft cloth moistened with kerosene or mineral spirits. (Do not use acetone, gasoline or lacquer thinner for this purpose.) After cleaning, cover all unpainted surfaces with a light film of good machine oil.

BLADE AND SPEED CHART

The blade and speed chart (A) Fig. 2, aids the operator in selecting the correct blade and speed for cutting many ferrous and non-ferrous metals, also non-metallic materials such as Formica and wood. The chart also gives the minimum cutting radius for different blade widths.

BLADE SPEED INDICATOR

The blade speed indicator (B) Fig. 2, is located at eye level for easy reading. The right-hand column indicates low, back gear blade speeds, 50 to 530 FPM, and the left-hand column indicates high, direct drive speeds, 450 to 4500 FPM.

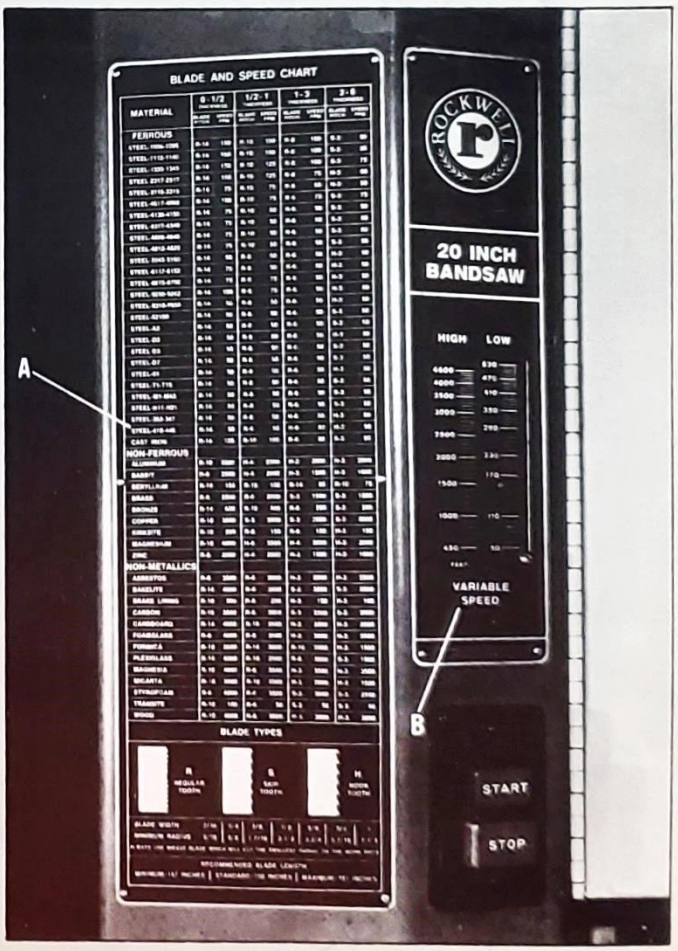


Fig. 2

ADJUSTING BLADE TENSION

The blade is only under slight tension when the band saw is shipped from the factory. This is done to prevent weakening of the blade prior to its use. It is good practice to relax tension on the blade when the machine is not in use. To adjust blade tension, proceed as follows:

1. Turn the blade tension knob (A) Fig. 3, clockwise until the pointer (A) Fig. 4, is on the mark on the tension scale (B), which is equal to the blade width.

2. The tension scale (B) Fig. 4, is correct for standard blades used on average work. It is not affected by variations in blade length and is equally accurate when the blade has been shortened by welding or brazing. Experienced operators may rely upon the feel or tone of the blade for adjusting tension. We recommend the use of the scale to avoid blade breakage, by too much or too little tension. For a blade which is thicker than standard, run the tension pointer slightly higher than the mark on the scale.

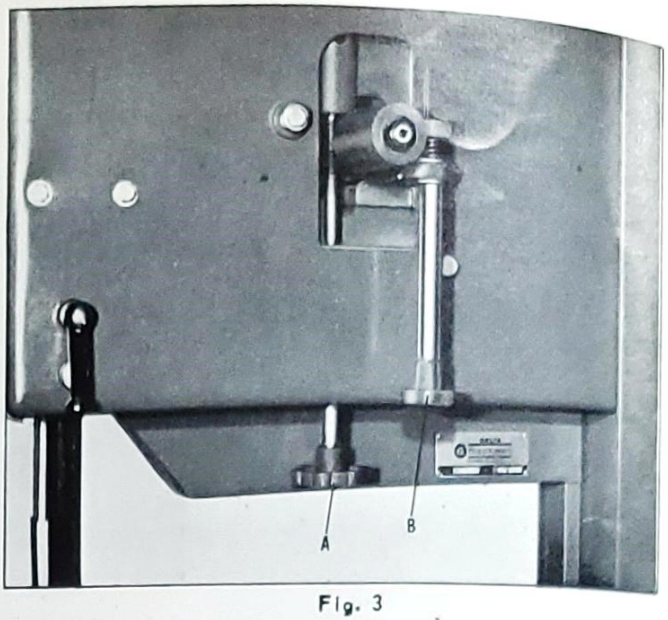


Fig. 3

TRACKING THE BLADE

For accurate work and maximum blade life, it is important that the blade be centered on the upper wheel. When this adjustment has been properly made, the blade will "track". That is, it will run steadily in the same line. Before the tracking adjustment is made, both the upper and lower blade guides must be moved away from the blade. To "track" the blade, proceed as follows:

1. Disconnect the machine from the power source and make sure that correct blade tension is applied to the blade.

2. Revolve the upper wheel forward slowly by hand and turn the tracking adjustment hand knob (B) Fig. 3, until the blade travels in the center of the upper tire.

3. Connect the machine to the power source and jog the motor switch on and off to be certain that proper tracking is being maintained.

4. Then make any minor final adjustments that may be necessary at operating speed.

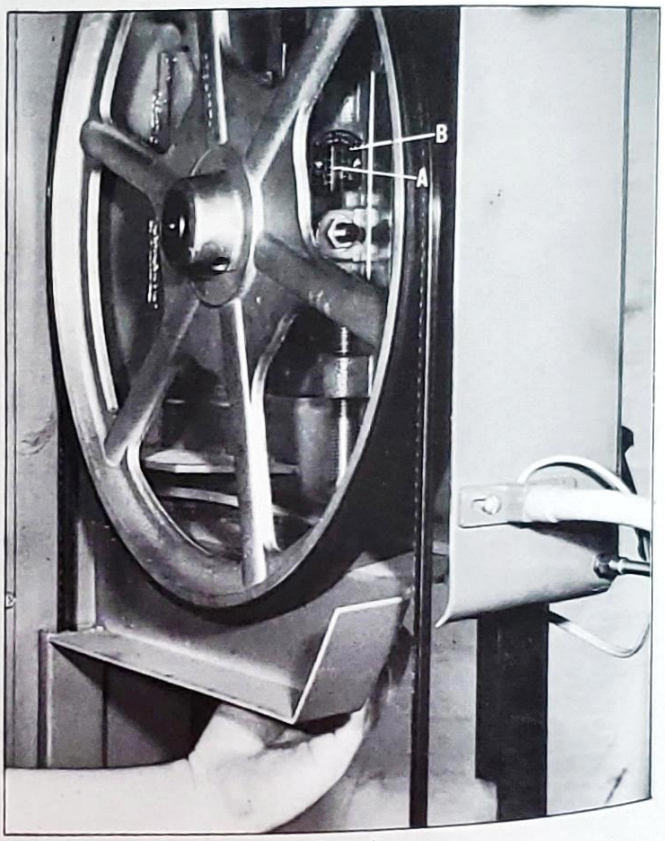


Fig. 4

NOTE: To avoid the possibility of injury to the blade or operator, the initial tracking adjustment should not be made while the machine is under power, since at high speed the blade may run off the wheel almost instantly. THE TRACKING KNOB SHOULD BE ADJUSTED ONLY A FRACTION OF A TURN AT A TIME AS VERY LITTLE TILT OF THE UPPER WHEEL IS REQUIRED TO DRAW THE BLADE ACROSS THE WHEEL. Each blade has its own tendencies, especially after welding or brazing. The blade tracking adjustment must, therefore, be repeated whenever a new or repaired blade is installed, regardless of previous adjustments.

ADJUSTING BLADE GUIDES

The upper and lower blade guides are adjusted only after the blade is tensioned and is tracking properly. The upper and lower blade guide plates (A) Figs. 5 and 6, are permanently assembled to the blade guide bracket and are individually adjusted to the blade depending on the blade width as follows:

1. Loosen the eight socket cap screws (B) Figs. 5 and 6, and adjust the necessary number of guide plates (A) until the front edge of the guide plates are just behind the bottom of the saw blade tooth gullets, leaving all of the set portion of the blade free of the guide. Then tighten the socket cap screws (B). NOTE: This adjustment is critical since the teeth of the blade will be damaged if the guide plates are too far forward. If the guide plates are too far back the blade will not be adequately supported.

2. The upper and lower blade guide plates (A) Figs. 5 and 6, should be parallel to each other and as close as possible to the blade without binding it. Rotate the upper wheel by hand, causing the entire length of the blade to pass through the guide plates. This is done to be sure the weld or braze (where extra thickness may be found) will not bind. If necessary, separate the guide plates to accommodate the extra thickness.

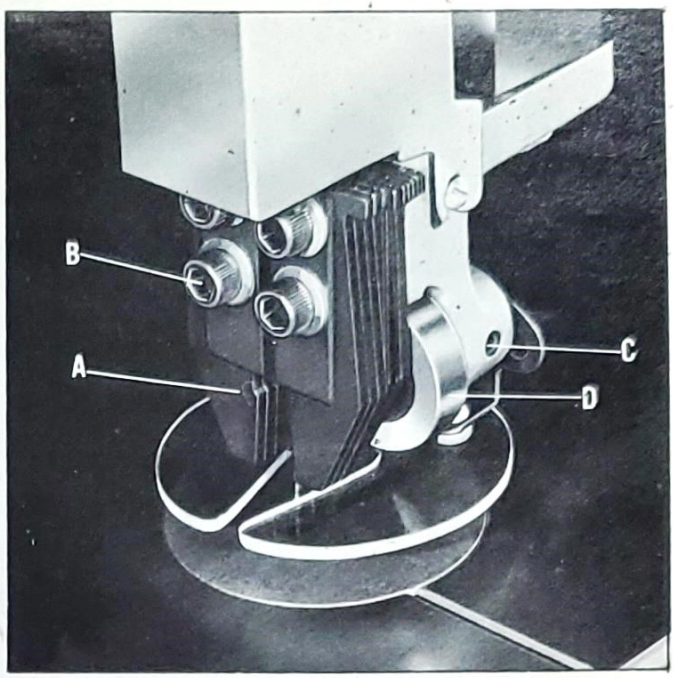


Fig. 5

ADJUSTING BLADE SUPPORT BEARINGS

1. Loosen the bearing support screw (C) Fig. 5, and adjust the support bearing (D) to within 1/64" of the blades rear edge. In essence, the blade support bearing (D) Fig. 5, should be adjusted as closely as possible to the rear edge of the blade so as not to rotate whenever the blade is running free without cutting. When the blade is cutting it will be pushed back to the rear and the support bearing will then rotate.

2. The lower blade support bearing is adjusted in the same manner.

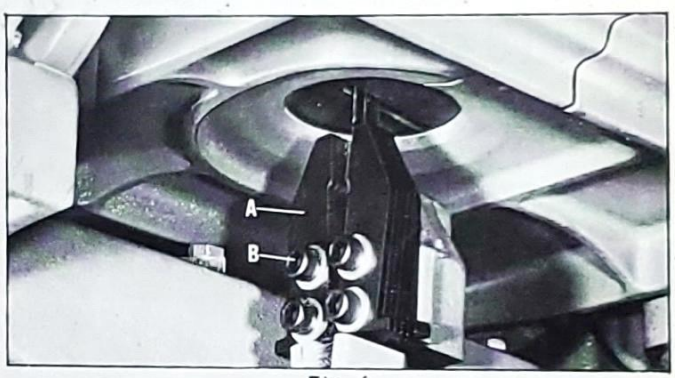


Fig. 6

ADJUSTING BELT TENSION

The correct belt tension is obtained when the distance between the center point of the motor pulley (A) Fig. 7, and the center point of the driven pulley (B) is 18 1/4".

To adjust belt tension:

1. DISCONNECT BAND SAW FROM POWER SOURCE.

2. Loosen four screws (C) Fig. 7, loosen the nuts that hold motor to motor plate and move motor up or down until the distance between the center points of the pulleys in 18 1/4".

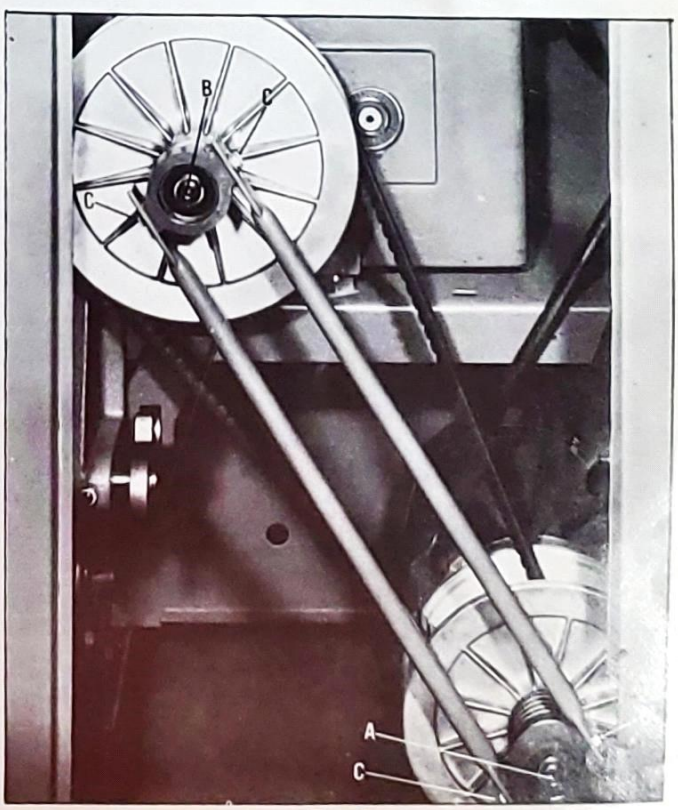


Fig. 7

TABLE ADJUSTMENTS

The table may be tilted 45 degrees to the right and 12 degrees to the left. To tilt the table to the left, first tilt it to the right, swing the stop bar (A) Fig. 8, to the rear for clearance, and tilt the table to the left to the desired angle.

Although the table is adjusted at the factory to be at right angle with the blade, this adjustment should be checked out as follows:

1. With the blade under tension, place an accurate square on the table with one end of the square against the flat side of the blade to the rear of the tooth gullets.

2. If the table is not square, left to right, loosen nut (B) Fig. 8, and adjust the set screw (C) up or down as the case may be until the table is square and tighten nut (B).

3. When the table has been set at right angle to the blade, set the pointer on the tilt angle scale to read zero.

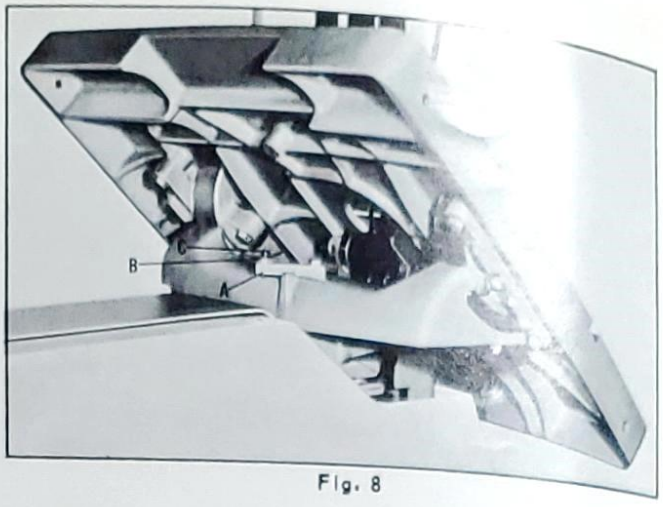


Fig. 8

CHANGING SPEEDS

To increase speed, simply push forward with the toe on the foot-operated speed changer (A) Fig. 9, and to decrease speed, push down with the heel.

This easy to use control frees operator's hands for positioning work and also saves valuable production time.

Speeds available are 50 to 530 FPM in back gear, and 450 to 4500 FPM in direct drive.

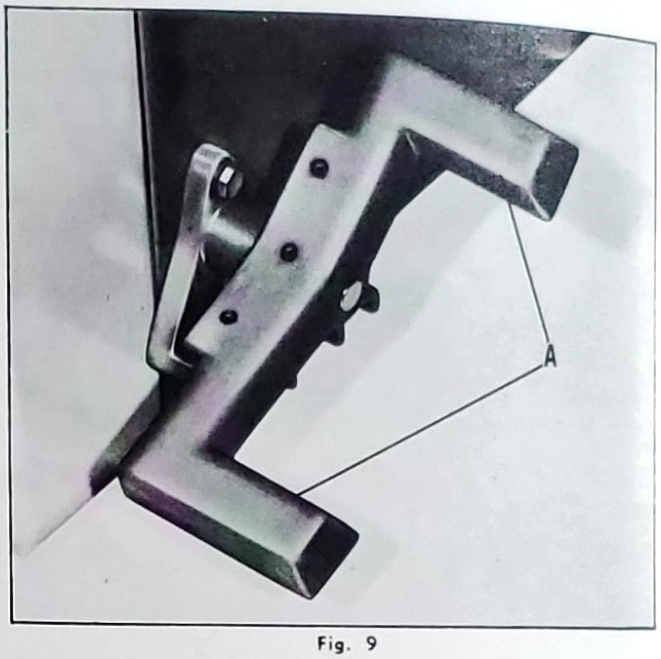


Fig. 9

DRIVE SELECTOR

The "Hi-Lo" drive selector (A) Fig. 10, for shifting transmission from direct drive to back gear, is located out of the way, inside lower cabinet. This prevents accidental shifting while blade is running.

WHEN SHIFTING GEARS, STOP THE MACHINE AND TURN THE LOWER WHEEL BY HAND. THEN MOVE LEVEL UNTIL GEARS ENGAGE OR DISENGAGE.

Fig. 10

TABLE INSERT

The table insert is furnished with a little lug or protrusion that fits into the blade removal slot of the table and prevents the insert from vibrating loose and turning.

BLADE REMOVAL SLOT

The blade removal slot of the table is furnished with a threaded plug. This plug is used for aligning the front and rear halves of the groove in the table of your band saw. CAUTION: CARE SHOULD BE TAKEN AGAINST EXCESSIVE TIGHTENING OF THIS PLUG SINCE THIS CAN CREATE STRESSES WHICH COULD RESULT IN THE TABLE BECOMING CRACKED.

Whenever the miter gage is used, the plug should be turned just far enough to allow the miter gage bar to slide freely in the table groove.

WHEEL ALIGNMENT

Wheels are adjusted at the factory so that they are both in alignment. The upper wheel slide plate is fastened to the frame with three cap screws and one threaded bushing. This forms a three point mounting feature. If the two wheels are not parallel and in alignment when viewed from above, proceed as follows:

1. Loosen screw (103) page 10, and turn threaded bushing (104) in and out until the upper wheel is parallel to the lower wheel, then tighten cap screw.

2. The blade must ride in the center of the wheel (on the crown). The upper wheel as explained previously can be tilted for this reason. If the blade is not riding in the center of the lower wheel, the wheel can be tilted. The lower wheel mounting plate also contains the three point mounting features. To adjust, loosen Cap Screw (215) page 12, and turn threaded bushing (216) in or out the required amount, then tighten cap screw.

REPLACING TIRES

When a tire needs replacing, first remove the old tire from the wheel. After removing, clean the surface of the wheel, and apply the new tire as follows:

1. Place one portion of the tire completely on the wheel and fasten using a clamp, as shown in Fig. 11.

2. Work the tire onto the wheel by hand as far as possible.

3. Pry the remainder of the tire onto the wheel using two screwdrivers or other suitable instruments, as shown in Fig. 12.

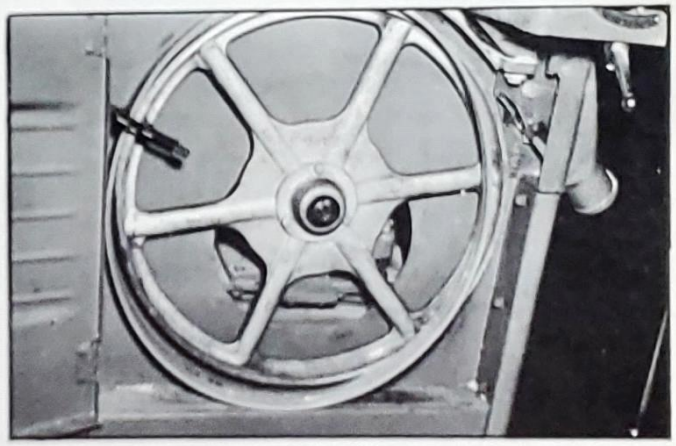


Fig. 11

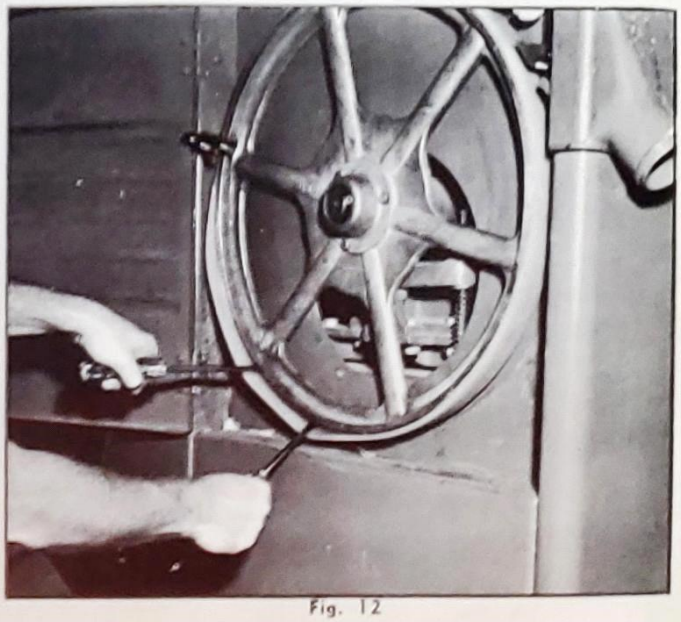


Fig. 12

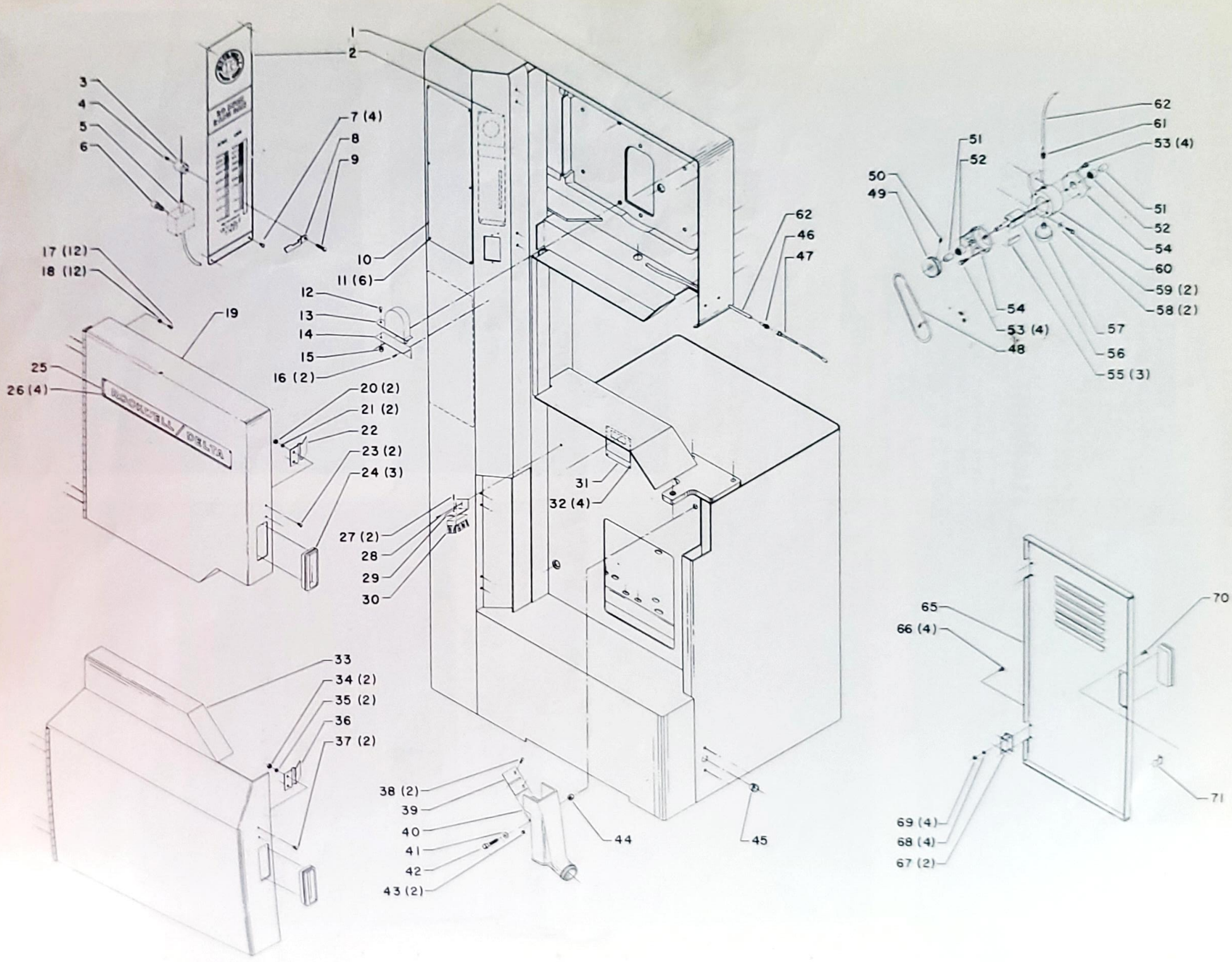
MAINTENANCE AND LUBRICATION

Clean tires frequently by scraping off accumulations of chips, gum and pitch.

Lubricate sliding parts with a few drops of light oil.

The gear case has been packed with 1 3/4 pounds of E.P. No. 0 Grease.

All bearings and motors are lubricated and sealed for their life and require no further lubrication.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Replacement Parts

Ref. No.	Part No.	Description
1	426-05-349-5005	Frame Assembly
2	426-05-072-5029	Speed Control Plate
3	426-05-055-5002	Guide
4	SP-286	#8-32 x 1/4" Soc. Set Scr.
5	426-05-328-5001	Clutch Assembly
6	SP-763	1/4-20 x 3/8" Soc. Hd. Scr.
7	SP-2250	#4 x 3/16" Drive Screw
8	426-05-075-5001	Pointer
9	SP-554	#8-32 x 1/2" Rd. Hd. Scr.
10	426-05-072-5030	Blade Chart Plate
11	SP-2250	#4 x 3/16" Drive Screw
12	SP-514	1/4-20 x 3/8" Rd. Hd. Scr.
13	426-05-032-5001	Counterbalance
14	426-05-014-5005	Bracket
15	SP-1034	1/4"-20 Hex. Nut
16	SP-3002	#8-32 x 3/8" Rd. Hd. Self-Tapping Scr.
17	SP-584	#10-32 x 3/8" Binding Hd. Scr.
18	SP-1775	#10 Internal Tooth Lockwasher
19	426-05-331-5003	Upper Door, including:
20	SP-1203	#10-32 Hex. Nut
21	SP-1775	#10 Internal Tooth Lockwasher
22	426-05-068-5001	Latch
23	SP-561	#10-32 x 3/8" Rd. Hd. Scr.
24	426-05-063-5006	Insert Handle
25	960-02-012-1472	Nameplate
26	SP-2250	#4 x 3/16" Drive Scr.
27	901-25-030-7545	#7 x 1/2" Rd. Hd. Wood Scr.
28	SP-3002	#8-32 x 3/8" Rd. Hd. Self-Tapping Scr.
29	426-05-014-5006	Bracket
30	426-05-113-5001	Wiper for Lower Wheel
31	426-05-072-5031	Shift & Lubrication Plate
32	SP-2250	#4 x 3/16" Drive Scr.
33	426-05-331-5005	Lower Door, including:
34	SP-1203	#10-32 Hex. Nut
35	SP-1775	#10 Internal Tooth Lockwasher
36	426-05-068-5001	Latch
37	SP-561	#10-32 x 3/8" Rd. Hd. Scr.
38	SP-559	#10-32 x 1/2" Rd. Hd. Scr.
39	CBS-112	Deflector
40	CBS-67	Chute
41	SP-1615	13/32 x 13/16 x 1/16" Washer
42	SP-648	3/8-16 x 1 1/4" Hex. Hd. Scr.
43	SP-1203	#10-32 Hex. Nut
44	SP-1026	3/8"-16 Hex. Nut
45	438-01-011-0021	Insulator
46	906-00-000-8720	Hose Fitting
	Cat. No. 28-709	Chip Blower, consisting of:
47	426-05-361-5001	Hose Assembly (Spout w/Nozzle)
48	908-13-061-7669	"O" Ring Belt ✓
49	Cat. #41-022	Pulley, including:
50	SP-206	5/16-18 x 5/16" Soc. Set Scr.
51	0906506	Roller Bearing Inner Race
52	0906505	Roller Bearing
53	SP-606	5/16-18 x 5/8" Hex. Hd. Scr.
54	426-05-079-5004	Retainer
55	426-05-072-5022	Plate
56	426-05-106-5014	Shaft
57	426-05-346-5002	Filter Assembly
58	SP-1604	5/16 x 3/4 x 1/16" Washer
59	SP-626	1/4-20 x 3/4" Hex. Hd. Scr.
60	426-05-012-5004	Body
61	906-00-000-8720	Hose Fitting
62	426-05-061-5001	Hose
65	426-05-331-5006	Rear Door, including:
66	SP-584	#10-32 x 3/8" Binding Hd. Scr.
67	CBS-57	Hinge
68	SP-1775	#10 Internal Tooth Lockwasher
69	SP-1203	#10-32 Hex. Nut
70	901-05-131-7351	#12 x 1/2" Rd. Hd. Self-Tapping Scr.
71	961-04-042-3110	Spring Catch

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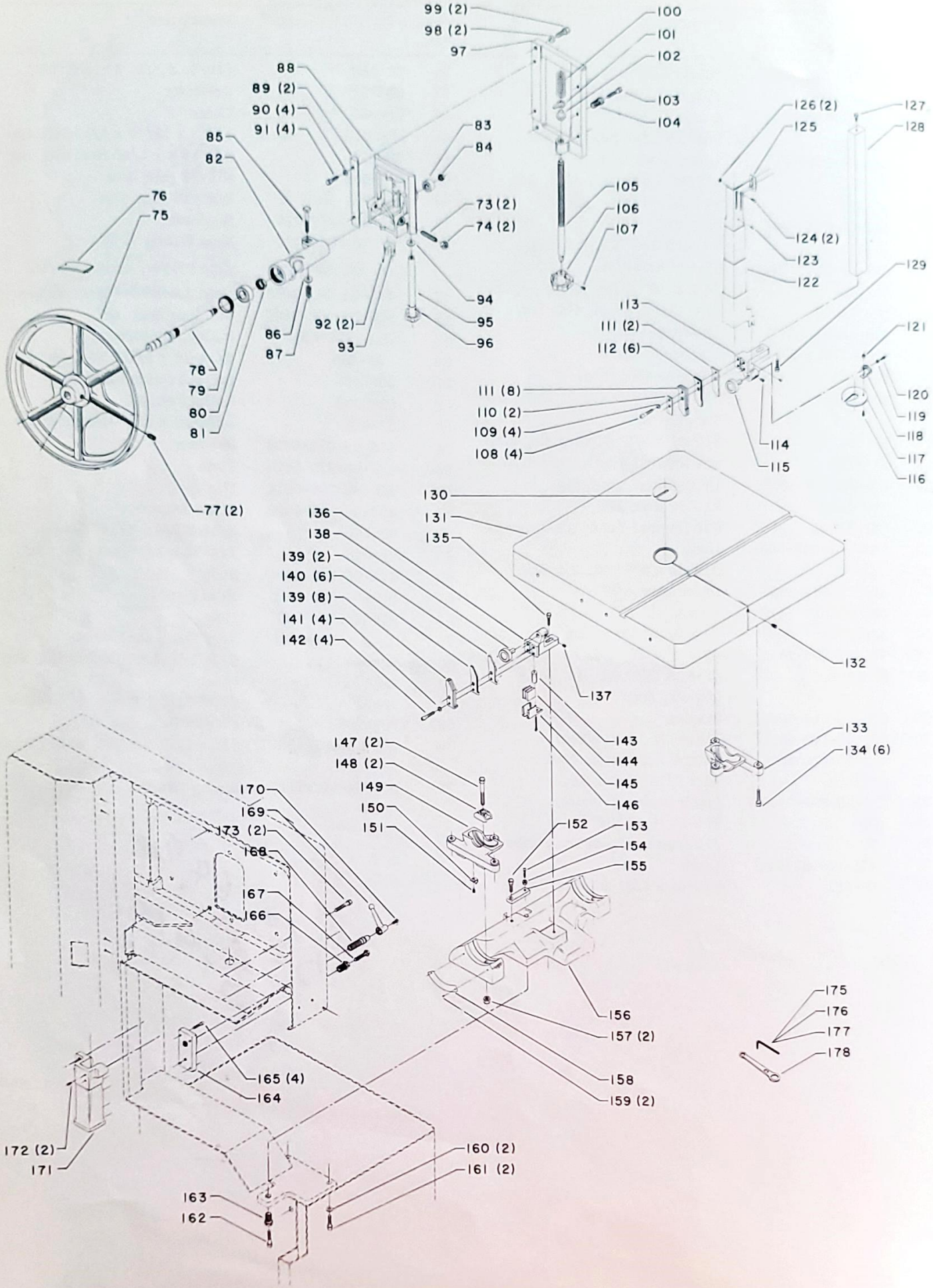
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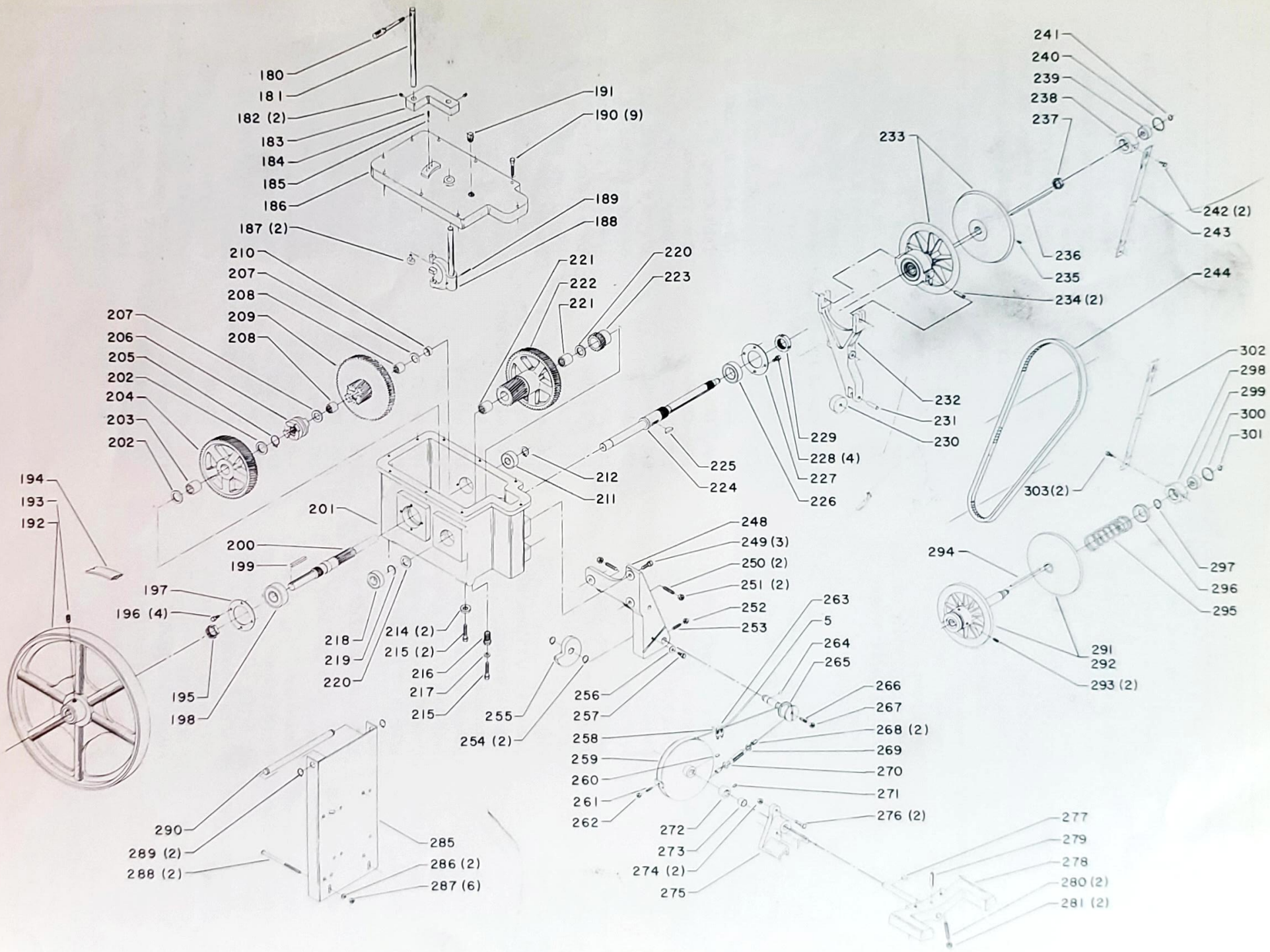
Replacement Parts

Ref. No.	Part No.	Description
73	SCG-34	1/2-13 x 1 15/16" Soc. Set Scr.
74	SP-1266	1/2"-13 Hex. Jam Nut
75	CBS-158-S	Upper Wheel, including:
76	Cat. #28-355	Tire
77	SP-1133	1/2-20 x 3/4" Soc. Set Scr.
	426-05-358-5002	Upper Wheel Headstock, consisting of:
78	426-05-106-5005	Shaft
79	BS-223	Bearing Nut
80	SP-5338	Bearing
81	CBS-116	Special Jam Nut
82	426-05-058-5002	Headstock
83	SP-5336	Bearing
84	BS-261	Bearing Nut
85	SP-2371	3/8-16 x 2 1/2" Sq. Hd. Bolt
86	SP-1606	7/16 x 1 x 5/64" Washer
87	CBS-90	Spring
88	426-05-084-5002	Slide
89	CBS-69	Gib
90	SP-1704	3/8" Split Lockwasher
91	SP-642	3/8-16 x 1" Hex. Hd. Scr.
92	SP-567	#6-32 x 1/4" Rd. Hd. Scr.
93	CBS-87	Tension Scale
94	SP-1606	7/16 x 1 x 5/64" Washer
95	426-05-409-5001	Extension, including:
96	SP-2704	1/8 x 3/4" Roll Pin
97	CBS-68	Plate
98	SP-1705	1/2" Split Lockwasher
99	SP-628	1/2-13 x 1" Hex. Hd. Scr.
100	CBS-85	Spring
101	CBS-86	Pointer
102	CBS-88	Plug
103	SP-617	3/8-16 x 1 1/2" Hex. Hd. Scr.
104	CBS-84	Threaded Bushing
105	CBS-89	Tension Screw
106	CBS-135-S	Handwheel, including:
107	SP-206	5/16-18 x 5/16" Soc. Set Scr.
	426-05-355-5004	Upper Blade Guide consisting of:
108	901-03-012-2146	5/16-18 x 1 1/4" Hex. Soc Long Lok Scr.
109	DDL-150	21/64 x 21/32 x 1/16" Washer
110	426-05-072-5026	Plate
111	426-05-072-5020	Plate
112	426-05-072-5021	Plate
113	426-05-014-5021	Support Bracket
114	SP-206	5/16-18 x 5/16" Soc. Set Scr.
115	920-13-001-3939	Bearing Assembly
116	SP-584	#10-32 x 3/8" Binding Hd. Scr.
117	1200464	Finger Guard
118	1200465	Finger Guard Bracket
119	SP-1609	13/64 x 7/16 x 1/16" Washer
120	SP-584	#10-32 x 3/8" Binding Hd. Scr.
121	SP-1203	#10-32 Hex Nut
122	426-05-354-5002	Blade Guard, including:
123	SP-569	#8-32 x 3/16" Rd. Hd. Scr.
124	SP-7562	#10-32 x 1/2" Rd. Hd. Scr.
125	426-05-014-5020	Guard Bracket
126	SP-1203	#10-32 Hex. Nut
127	SP-611	1/4-20 x 1/2" Hex. Hd. Scr.
128	426-05-110-5002	Post
129	SP-649	5/16-18 x 1" Hex. Hd. Scr.
130	CBS-123	Table Insert
131	426-05-091-5002	Table
132	SP-2438	1/8" Hex. Soc. Pipe Plug
133	CBS-65	Rear Trunnion
134	SP-617	3/8"-16 x 1 1/2" Hex. Hd. Scr.
135	SP-649	5/16-18 x 1" Hex. Hd. Scr.
	426-05-355-5003	Lower Blade Guide, consisting of:
136	426-05-014-5018	Bracket
137	SP-206	5/16-18 x 5/16" Soc. Set Scr.
138	920-13-001-3939	Bearing Assembly
139	426-05-072-5020	Plate
140	426-05-072-5021	Plate
141	DDL-150	21/64 x 21/32 x 1/16" Washer
142	901-03-012-2146	5/16-18 x 1 1/4" Hex. Soc. Long-Lok Scr.
143	426-05-104-5002	Spacer
144	426-05-113-5002	Wiper
145	426-05-079-5001	Retainer
146	SP-571	#8-32 x 1 1/2" Rd. Hd. Scr.
147	SP-632	7/16-14 x 2 3/4" Hex. Hd. Scr.
148	LBS-61	Table Clamp
149	CBS-64	Front Trunnion
150	DP-626	Pointer
151	SP-502	1/4-20 x 1/4" Rd. Hd. Scr.
152	SP-642	3/8-16 x 1" Hex. Hd. Scr.
153	SP-306	1/4-20 x 3/4" Sq. Hd. Set Scr.
154	SP-1034	1/4"-20 Hex. Nut
155	CBS-101	Bar
156	426-05-014-5019	Bracket
157	SP-1004	7/16"-14 Hex. Nut
158	426-05-072-5032	Scale
159	SP-2252	#2 x 3/16" Drive Scr.
160	SP-1615	13/32 x 13/16 x 1/16" Washer
161	SP-648	3/8-16 x 1 1/4" Hex. Hd. Scr.
162	SP-617	3/8-16 x 1 1/2" Hex. Hd. Scr.
163	CBS-84	Threaded Bushing
164	426-05-031-5001	Cover
165	901-03-010-3345	1/4-20 x 1" Soc. Hd. Scr.
166	CBS-84	Threaded Bushing
167	SP-617	3/8-16 x 1 1/2" Hex. Hd. Scr.
168	CBS-93	Clamp Screw
169	SR-217	Clamp Handle
170	SP-7528	1/4-20 x 1/2" Truss Hd. Scr.
171	426-05-014-5017	Bracket
172	SP-593	#10-24 x 3/8" Rd. Hd. Scr.
173	SP-3102	3/8-16 x 1 3/4" Hex. Hd. Scr.
175	Cat. #194	5/32" Hex. Soc. Wrench
176	Cat. #1535	3/16" Hex. Soc. Wrench
177	Cat. #1532	1/4" Hex. Soc. Wrench
178	Cat. #1538	5/8"-3/4" Box Wrench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Replacement Parts

Ref. No.	Part.	Description
180	426-05-067-5004	Lever
181	426-05-108-5001	Rod
182	901-04-150-0231	5/16-18 x 5/16" Soc. Set Scr.
183	426-05-014-5016	Bracket
184	310-34	Spring
185	SP-28	1/4" Steel Ball
186	426-05-031-5012	Gear Box Cover
187	33-64	Yoke Finger
188	426-05-402-5003	Yoke Assembly, including:
189	SP-2735	1/8 x 1 1/4" Roll Pin
190	SP-609	5/16-18 x 1 1/2" Hex. Hd. Scr.
191	414-03-346-5001	Plug
192	426-05-400-5006	Lower Wheel, including:
193	SP-1133	1/2-20 x 3/4" Soc. Set Scr.
194	Cat. #28-355	Tire
195	CBS-115	Retainer
196	SP-605	5/16-18 x 1/2" Hex. Hd. Scr.
197	426-05-072-5019	Retaining Plate
198	920-04-022-4022	Bearing
199	SP-2653	1/4 x 1/4 x 1 15/16" Key
200	426-05-106-5010	Shaft
201	426-05-013-5001	Gear Box
202	426-05-104-5008	Spacer
203	920-24-061-5141	Needle Bearing
204	426-05-051-5011	Gear
205	SP-7017	Retaining Ring
206	426-05-028-5004	Clutch
207	426-05-104-5009	Spacer
208	920-24-062-4024	Needle Bearing
209	426-05-351-5008	Gear Assembly
210	426-05-104-5010	Spacer
211	920-04-022-4021	Bearing
212	904-15-192-1593	Retaining Ring
214	BS-257	Special Washer
215	SP-617	3/8-16 x 1 1/2" Hex. Hd. Scr.
216	CBS-84	Threaded Bushings
217	SP-1704	3/8" Split Lockwasher
218	920-04-022-4020	Bearing
219	0905981	Retaining Ring
220	426-05-104-5007	Spacer
221	920-24-062-4025	Needle Bearing
222	426-05-051-5008	Gear
223	426-05-051-5007	Gear
224	426-05-085-5002	Spindle
225	927-01-010-2614	#13 Woodruff Key
226	920-04-022-4023	Bearing
227	426-05-072-5018	Retaining Plate
228	SP-605	5/16-18 x 1/2" Hex. Hd. Scr.
229	902-07-010-7157	Bearing Nut
230	426-05-080-5002	Roller
231	426-05-106-5020	Shaft
232	426-05-067-5012	Lever
233	1200506	Spindle Pulley Assembly, including:
234	SP-2728	3/8 x 1 1/4" Roll Pin
235	901-04-150-0215	1/4-20 x 3/8" Soc. Set Scr.
236	402-04-108-5012	Rod
237	CBS-116	Special Jam Nut
238	426-05-079-5011	Bearing Retainer
239	920-04-012-4029	Bearing
240	904-15-102-0180	Retaining Ring
241	SP-7042	Retaining Ring
242	SP-611	1/4-20 x 1/2" Hex. Hd. Scr.
243	426-05-108-5006	Connecting Rod
244	Cat. #49-159	Variable Speed Belt - 55 1/4" O. C.
248	426-05-014-5033	Cam & Shaft Retaining Bracket
249	SP-650	3/8-16 x 7/8" Hex. Hd. Scr.
250	SP-139	3/8-16 x 1 1/4" Headless Set Scr.
251	SP-5433	3/8"-16 Hex. Jam Nut
252	SP-5435	5/16-18 Hex. Jam Nut
253	SP-1102	5/16-18 Soc. Set Scr.
254	SP-7008	Retaining Ring
255	402-07-019-5001	Cam
256	240-99	Special Washer
257	SP-688	5/16-18 x 1/2" Hex. Hd. Scr.
258	426-05-081-5004	Rope
259	926-01-992-5532	Speed Control Pulley, including:
260	SP-206	5/16-18 x 5/16" Soc. Set Scr.
261	SP-623	1/4-20 x 3/4" Soc. Set Scr.
262	SP-9152	1/4-20 Hex. Jam Nut
263	961-05-021-5005	Rope Clamp
264	927-01-010-2633	#213 Woodruff Key
265	426-05-106-5021	Shaft
266	SP-230	3/8-16 x 3/4" Soc. Set. Scr.
267	SP-5433	3/8"-16 Hex. Jam Nut
268	426-05-027-5004	Clamp
269	426-05-079-5012	Turnbuckle
270	SP-1216	#10-24 Hex. Nut
271	SP-206	5/16-18 x 5/16" Soc. Set Scr.
272	H-5	Set Collar
273	920-75-101-7195	Flanged Bushing
274	SP-5435	5/16"-18 Hex. Jam Nut
275	426-05-014-5022	Foot Lever Bracket
276	SP-649	5/16-18 x 1" Hex. Hd. Scr.
277	927-01-010-2634	#61 Woodruff Key
278	426-05-367-5002	Speed Control Lever, including:
279	SP-6716	3/8 x 1 1/2" Roll Pin
280	901-04-191-9277	3/8-16 x 2" Soc. Set Scr.
281	SP-5433	3/8-16 Hex. Jam Nut
285	426-05-072-5028	Motor Plate
286	SP-1703	5/16" Split Lockwasher
287	SP-5435	5/16"-18 Hex. Jam Nut
288	901-02-011-8956	5/16-18 x 5" Rd. Hd. Scr.
289	SP-7008	Retaining Ring
290	426-05-106-5012	Motor Plate Shaft
291	926-05-992-5504	Motor Pulley Assembly (7/8" Bore), including:
293	SP-217	5/16-18 x 1/2" Soc. Set Scr.
294	402-04-108-5010	Rod
295	928-01-601-8891	Spring
296	402-07-079-5009	Retainer
297	SP-7025	Retaining Ring
	426-05-379-5002	Retainer Assembly, consisting of:
298	426-05-079-5011	Retainer
299	920-04-012-4029	Bearing
300	904-15-102-0180	Retaining Ring
301	SP-7042	Retaining Ring
292	926-05-992-5513	Motor Pulley Assembly (1 1/8" Bore), including:
293	SP-217	5/16-18 x 1/2" Soc. Set Scr.
294	402-04-108-5010	Rod
295	928-01-601-8891	Spring
296	402-07-079-5009	Retainer
297	SP-7025	Retaining Ring
	426-05-379-5002	Retainer Assembly, consisting of:
298	426-05-079-5011	Retainer
299	920-04-012-4029	Bearing
300	904-15-102-0180	Retaining Ring
301	SP-7042	Retaining Ring
302	426-05-108-5006	Connecting Rod
302	SP-611	1/4-20 x 1/2" Hex. Hd. Scr.

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Rockwell Delta Accessories for Increased Job Performance!

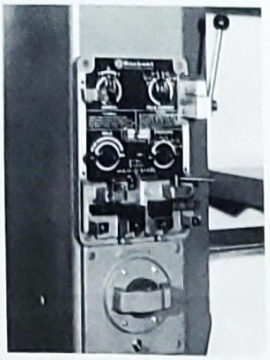
No. 25-857 Lamp Attachment, for 115 V. Includes 18" flexible gooseneck, reflector and 8-foot cord with 2-prong plug. Uses standard bulb (not included) up to 75 watts.

No. 28-005 Blade Shear for mounting on welder face. Capacity to 1".

No. 28-700 File Band Guide Attachment. Easily bolts to guide block. Includes mounting hardware.

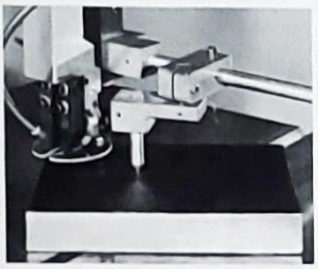
No. 28-701 Blade Welder and Flash Grinder, 115 V, 50/60 cycles, single phase, 3 KVA. Mounts flush into band saw column. Capacity, ⅛" to 1".

No. 28-702 Blade Welder and Flash Grinder. Same as 28-701 but for 230 V, single phase.



No. 28-703 30° Angle Blade Guides. Consist of blade fingers, back-up bearing and guide block.

No. 28-704 Circle Cutting Attachment. Attaches quickly to guide arm, permitting radius cuts from 1½" to 15" in diameter.

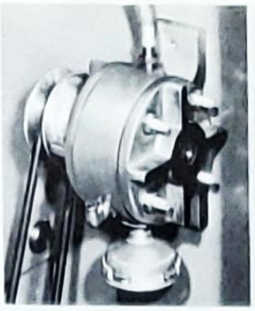


No. 28-705 Screw Feed Attachment. Consists of table mounting bracket, screw with handle, and angle feed block.

No. 28-862 Fence Attachment for ripping and re-sawing lumber. Includes 2½" x 27" Micro-Set fence with front and rear locks, two 44" tubular guide rails, mounting screws. Fence may be set anywhere from 15½" to left of blade to 25" to right with pointer and calibrations reading from zero to 25" to right.

No. 28-825 Gravity Feed Attachment. Used primarily to avoid operator fatigue. Provides a variable feed pressure of approximately 5 to 29 pounds with standard 30-pound weight provided. Enables operator to devote his entire attention to guiding the work, assuring more accurate cutting. (For additional feed pressure, order extra weights.) Fits all past or present Delta 20" Metal Cutting Band Saws.

No. 28-826 Extra Weight. For 28-825 Gravity Feed Attachment. With one extra weight, attachment provides approximately 10 to 41 pounds feed pressure, or with two extra weights, 15 to 50 pounds.



No. 28-709 Chip Blower, factory mounted. Consists of pump with pulley and "O" belt.

No. 28-710 Chip Blower. Same as 28-709 except field mounted.

No. 28-711 Safety Lock-Out Switch, factory mounted. For machines with magnetic controls only. Automatically shuts off power when lower wheel door is opened.

No. 28-712 Safety Lock-Out Switch. Same as 28-711, except field mounted.

No. 34-884 Sliding Jig. For straight and angle operations. Has ⅜ x ¾ x 18" guide bar and pivoting work support body with pointer and calibrations reading through 120° swing. Adjustable, positive stops at 90° and 45° positions are quickly selected by means of a new, fast operating stop block. Body slotted for quick mounting of auxiliary face plate. Accommodates No. 34-568 (Old 865) Clamp Attachment.

No. 34-568 (Old 865) Clamp Attachment for Sliding Jig—With clamp bar, two sliding clamp screws, and front and rear posts.

No. 34-873 (Old 873) Extra Clamp Screw and Block. For 34-568 Clamp Attachment.

MOTOR PULLEYS AND V-BELTS FOR WOOD/NON-FERROUS CUTTING BAND SAW

No. 41-707 Motor Pulley, ⅞" bore, for 143T and 145T frame motors.

No. 41-708 Motor Pulley, 1⅛" bore, for 182T and 184T frame motors.

No. 49-131 V-Belt, 43" O.C., 11M section.
No. 49-132 V-Belt, 53½" O.C., 11M section.

BELT FOR METAL CUTTING BAND SAW

No. 49-159 Variable Speed Belt, 55" O.C.

Metal Cutting Band Saw Blades—These are regular set, hard-edge, flexible-back standard blades for cutting all metals. All blades are 150" long.

Number	Width	Minimum Cut. Rad.	Teeth Per In.
28-742	½"	2½"	10
28-743	½"	2½"	14
28-744	½"	2½"	18
28-745	½"	2½"	24
28-740	¾"	5 7/16"	6
28-741	¾"	5 7/16"	8

Wood Cutting Band Saw Blades—All blades are 150" long.

Number	Width	Minimum Cut. Rad.	Teeth Per In.
28-725	3/16"	5/16"	5
28-726	¼"	⅜"	5
28-727	⅜"	1 7/16"	5
28-728	½"	2½"	4
28-729	¾"	5 7/16"	4
28-731	1"	7¼"	4
28-730	¾"	For resawing	3
28-732	1"	For resawing	2

The above blades can be file sharpened.

Skip Tooth Band Saw Blades—For cutting aluminum, magnesium, plastics and all kinds of wood. All blades are 150" long.

Number	Width	Minimum Cut. Rad.	Teeth Per In.
28-750	¼"	⅜"	4
28-751	⅜"	1 7/16"	4
28-752	½"	2½"	4
28-753	¾"	5 7/16"	3
28-754	1"	7¼"	2

1/4"

7/8"

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