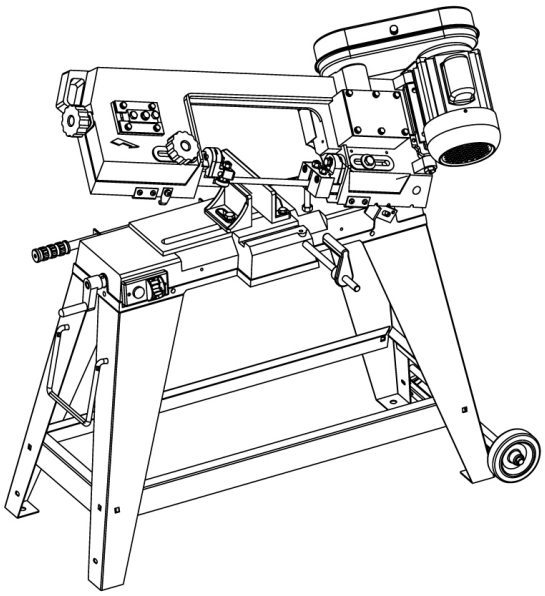
4″ x 6″ METAL BANDSAW WITH STAND



Model # 3970
bit.ly/wenvideo

IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for intended purpose, you will enjoy years of safe, reliable service.

NEED HELP? CONTACT US!

Have product questions? Need technical support?
Please feel free to contact us at:

800-232-1195 (M-F 8AM-5PM CST)

techsupport@wenproducts.com

WENPRODUCTS.COM

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TECHNICAL DATA

Model Number:	3970
Motor:	120 V, 60 Hz, 3/4 HP, 4.6A
Saw Blade:	64-1/2 x 1/2 in.
Cutting Capcity for Square Material:	4 x 6 in. (90°)
	3-1/2 x 3-1/2 (45°)
Cutting Capacity for Circular Material:	4-1/2 in. diameter (90°)
	3-1/2 in. diameter (45°)
Cutting Angle Adjustment:	0 to 60°
Blade Speed:	80, 120, 200 FPM
Weight:	109 pounds

GENERAL SAFETY RULES

Safety is a combination of common sense, staying alert and knowing how your item works. **SAVE THESE SAFETY INSTRUCTIONS.**

WARNING: To avoid mistakes and serious injury, do not plug in your tool until the following steps have been read and understood.

1. READ and become familiar with this entire instruction manual. LEARN the tool's applications, limitations, and possible hazards.

2. AVOID DANGEROUS CONDITIONS. Do not use power tools in wet or damp areas or expose them to rain. Keep work areas well lit.

3. DO NOT use power tools in the presence of flammable liquids or gases.

4. ALWAYS keep your work area clean, uncluttered, and well lit. DO NOT work on floor surfaces that are slippery with sawdust or wax.

5. KEEP BYSTANDERS AT A SAFE DISTANCE from the work area, especially when the tool is operating. NEVER allow children or pets near the tool.

6. DO NOT FORCE THE TOOL to do a job for which it was not designed.

7. DRESS FOR SAFETY. Do not wear loose clothing, gloves, neckties, or jewelry (rings, watches, etc.) when operating the tool. Inappropriate clothing and items can get caught in moving parts and draw you in. ALWAYS wear non-slip footwear and tie back long hair.

8. WEAR A FACE MASK OR DUST MASK to fight the dust produced by sawing operations.

WARNING: Dust generated from certain materials can be hazardous to your health. Always operate the tool in a well-ventilated area and provide for proper dust removal. Use dust collection systems whenever possible.

9. ALWAYS remove the power cord plug from the electrical outlet when making adjustments, changing parts, cleaning, or working on the tool.

10. KEEP GUARDS IN PLACE AND IN WORKING ORDER.

11. AVOID ACCIDENTAL START-UPS. Make sure the power switch is in the OFF position before plugging in the power cord.

12. REMOVE ADJUSTMENT TOOLS. Always make sure all adjustment tools are removed from the saw before turning it on.

13. NEVER LEAVE A RUNNING TOOL UNATTENDED. Turn the power switch to OFF. Do not leave the tool until it has come to a complete stop.

14. NEVER STAND ON A TOOL. Serious injury could result if the tool tips or is accidentally hit. DO NOT store anything above or near the tool.

GENERAL SAFETY RULES

15. DO NOT OVERREACH. Keep proper footing and balance at all times. Wear oil-resistant rubber-soled footwear. Keep the floor clear of oil, scrap, and other debris.

16. MAINTAIN TOOLS PROPERLY. ALWAYS keep tools clean and in good working order. Follow instructions for lubricating and changing accessories.

17. CHECK FOR DAMAGED PARTS. Check for alignment of moving parts, jamming, breakage, improper mounting, or any other conditions that may affect the tool's operation. Any part that is damaged should be properly repaired or replaced before use.

18. MAKE THE WORKSHOP CHILDPROOF. Use padlocks and master switches and ALWAYS remove starter keys.

19. DO NOT operate the tool if you are under the influence of drugs, alcohol, or medication that may affect your ability to properly use the tool.

20. USE SAFETY GOGGLES AT ALL TIMES that comply with ANSI Z87.1. Normal safety glasses only have impact resistant lenses and are not designed for safety. Wear a face or dust mask when working in a dusty environment. Use ear protection such as plugs or muffs during extended periods of operation.

SPECIFIC RULES FOR BAND SAW

1. To avoid injury from unexpected movement, secure the machine to the floor before operating.

2. The machine must be switched off before inserting any material to be cut in the vise or before removing material from the vice after cutting operations have been finished.

3. Keep your hands and fingers a safe distance away from the blade at all times.

4. Never attempt to stop the saw blade by hand.

5. Never remove any cutting chips by hand. Use a brush at all times.

6. Never remove any safety guards or safety equipment from the saw.

7. Never leave the machine during operation.

ELECTRICAL INFORMATION

GROUNDING INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for an electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the outlet, have the proper outlet installed by a licensed electrician.

IMPROPER CONNECTION of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary, DO NOT connect the equipment grounding conductor to a live terminal.

CHECK with a licensed electrician or service personnel if you do not completely understand the grounding instructions or whether the tool is properly grounded.

USE ONLY THREE-WIRE EXTENSION CORDS that have three-pronged plugs and outlets that accept the tool's plug as shown in Fig. A. Repair or replace a damaged or worn cord immediately.

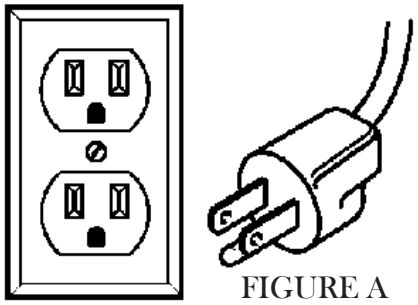


FIGURE A

CAUTION: In all cases, make certain the outlet in question is properly grounded. If you are not sure, have a licensed electrician check the outlet.

WARNING: This tool is for indoor use only. Do not expose to rain or use in damp locations.
Guidelines for using extension cords

Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and nameplate ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

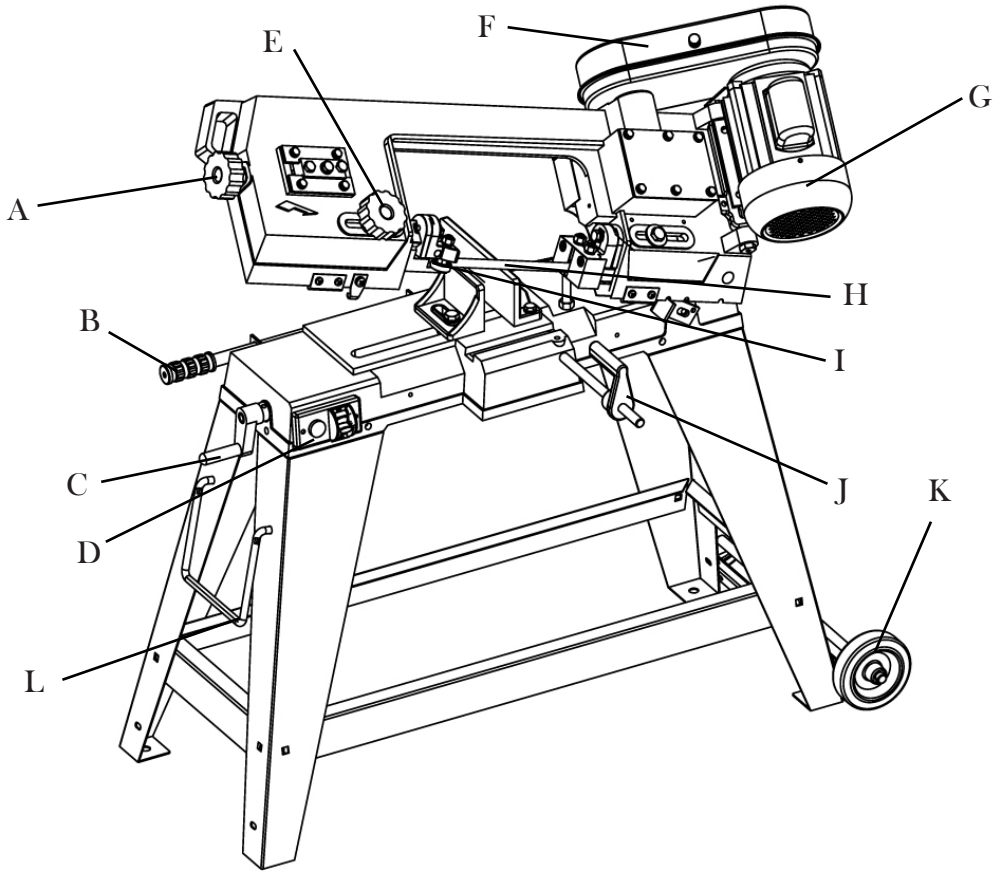
AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
4.6 A	18 gauge	16 gauge	14 gauge	14 gauge

Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

Use a separate electrical circuit for your tools. This circuit must not be less than a #12 wire and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

WARNING: This tool must be grounded while in use to protect the operator from electric shock.

KNOW YOUR BAND SAW



A	Blade Tension Adjustment Knob
B	Feed Rate Adjustment Handle
C	Vise Adjustment Handle
D	Power Switch
E	Blade Guard Adjustment Knob
F	Belt House
G	Motor
H	Blade
I	Blade Guard
J	Uniform Length Stop
K	Wheel
L	Transport Handle

WARNING: For your own safety, read the instruction manual before operating the band saw.

1. Wear eye protection.
2. Do not wear gloves, a necktie, jewelry, or loose clothing.
3. Make sure the saw is on a firm, level surface and properly secured.
4. Use only the recommended accessories.
5. Use extra caution with very large, very small, or awkward workpieces.
6. Keep hands away from blade at all times to prevent accidental injury.

ASSEMBLY

UNPACKING

Carefully unpack the band saw and all its parts, and compare against the list below. Do not discard the carton or any packaging until the band saw is completely assembled.

WARNING: If any part is missing or damaged, do not plug in the band saw until the missing or damaged part is replaced.

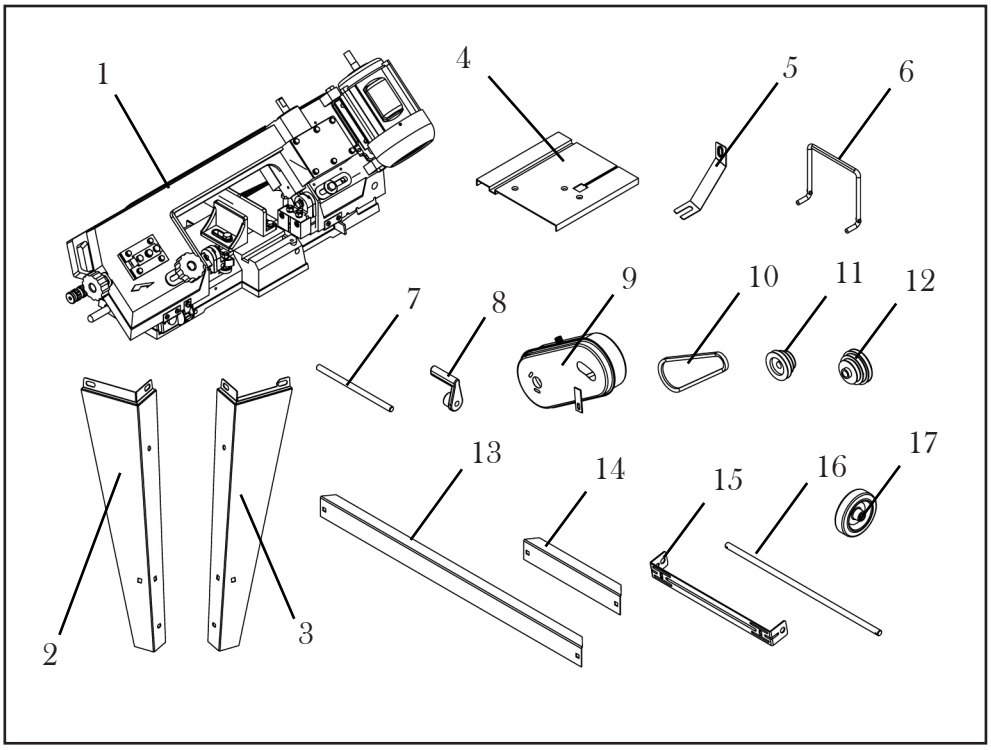


TABLE OF LOOSE PARTS
1. Band Saw (1)
2. Stand Legs A (2)
3. Stand Legs B (2)
4. Table (1)
5. Table Support (1)
6. Transport Handle (1)
7. Work Stop Rod (1)
8. Work Stop (1)
9. Belt House (1)
10. V-Belt (1)
11. Motor Pulley With Key (1)
12. Work Gear Pulley (1)
13. Long Brace (2)
14. Short Brace (2)
15. Wheel Mounting Bracket (1)
16. Shaft (1)
17. Wheels (2)
18. Hardware Bag (not shown)

Tools Required for Assembly & Adjustments

The tools listed below are not included but are required for either assembly or adjustment.

Two 14mm Open End Wrenches
Two 10mm Open End Wrenches

ASSEMBLY

TO ASSEMBLE THE STAND

1. With the help of an assistant, lift the bandsaw onto a suitable support (Fig.A).

2. Attach the legs to the bandsaw with the M8-1.25 x 25 hex bolts, 8mm flat washers, 8mm lock washers and the M8-1.25 hex nuts. Hand tighten.

3. Attach the short brace to the legs with the M6-1.0x16 carriage bolts, 6mm flat washers, 6mm lock washers and M6-1.0 hex nuts. Hand tighten.

4. Lift the bandsaw onto the floor. Attach the long brace to the legs with M6-1.0 x 16 carriage bolts, 6mm flat washers, 6mm lock washers and M6-1.0 hex nuts (Fig. B). Hand tighten.

5. Use the M6-1 x 12 hex bolts, M6-1 hex nuts, 6mm lock washers and the 6mm to install the wheel mounting brackets to the legs (Fig. C). Hand tighten.

6. Slide the shaft through the holes in the wheel mounting bracket. Slide the wheels onto the shaft on the outside of the mounting bracket and secure them with the cotter pins (Fig. D).

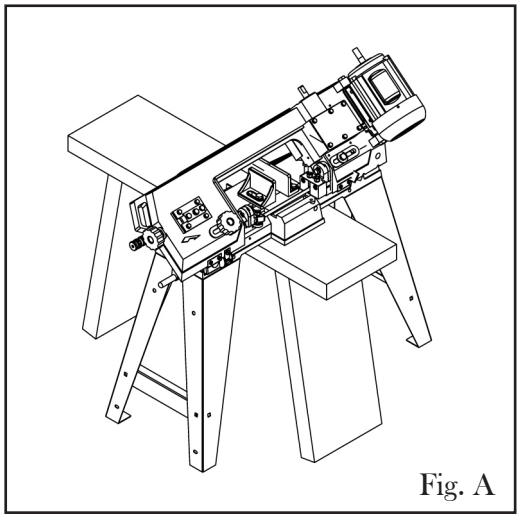


Fig. A

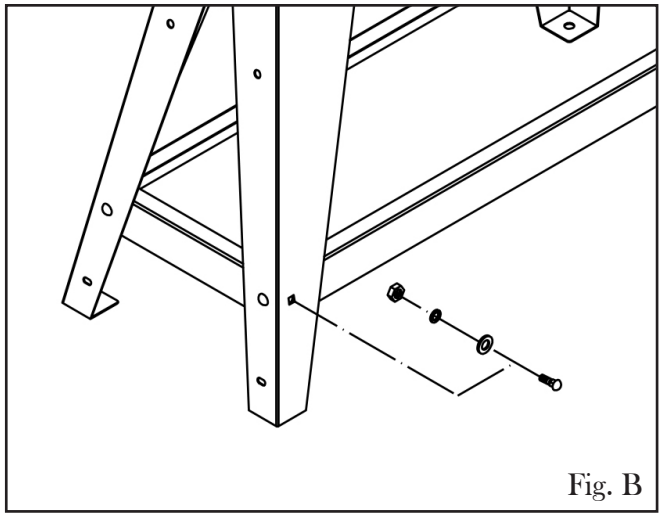


Fig. B

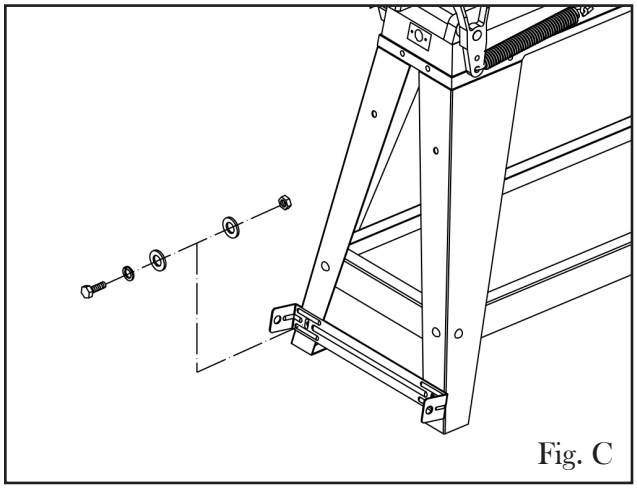


Fig. C

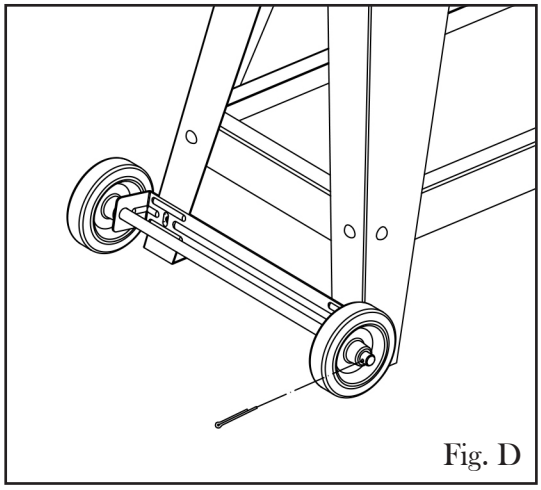


Fig. D

TO ASSEMBLE THE STAND (CONT.)

7. Check to see if the bandsaw is relativly level, then the tighten all of the nuts using the necessary wrenches.

8. Insert the handle into the pre-drilled holes on the legs opposite of the wheels. Secure the handle in place with the cotter pin (Fig. E).

9. Remove the screws and washers from where the belt house needs to be mounted. Place the belt house over the motor and gear shafts. Secure it with the removed screws and washers (Fig. F & Fig. G).

10. Open the pulley cover. Install the key and motor pulley to the motor shaft (Fig. H).

11. Install the worm gear pulley on the shaft closest to the gear box, opposite of the motor (Fig. H).

12. Use a straight edge to check the alignment of the pulley wheels and adjust them as needed (Fig. H).

13. When the pulley wheels are aligned, tighten the set screws on both pulleys and install the V belt. The belt tension can be adjusted by adjusting the motor lock bolt (Fig. I - 1)

14. Install the work stop shaft (Fig. J - 1) into the side of the bandsaw. Lock it into place by tightening the set screw (Fig. J - 2). Slide the work stop onto the end of the shaft and lock it into position with the set screw (Fig. J - 3).

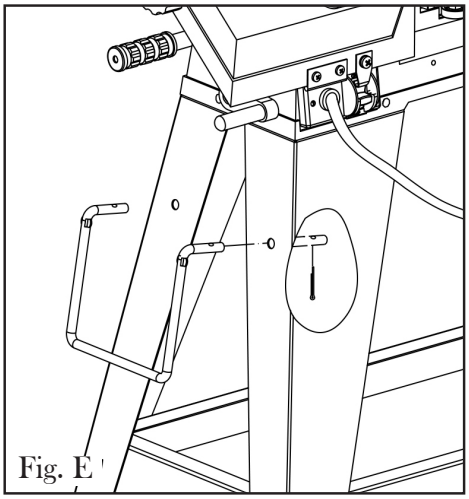


Fig. E

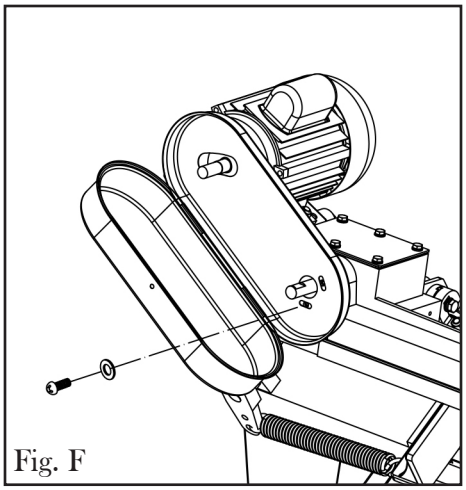


Fig. F

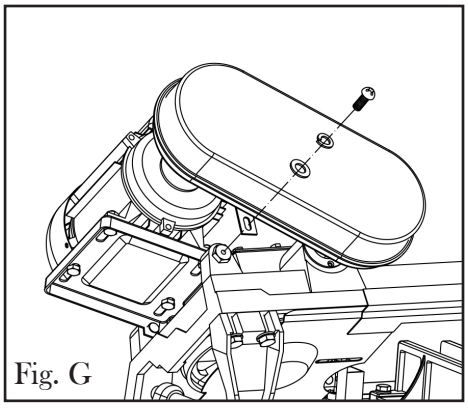


Fig. G

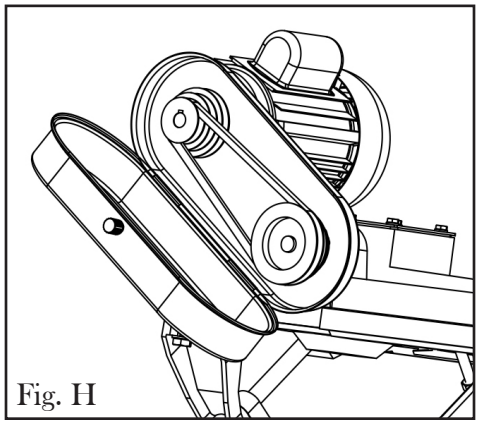


Fig. H

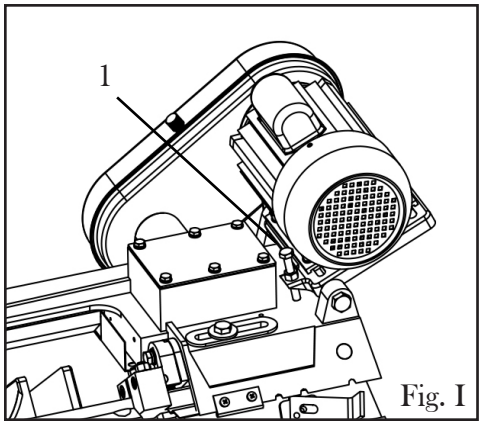


Fig. I

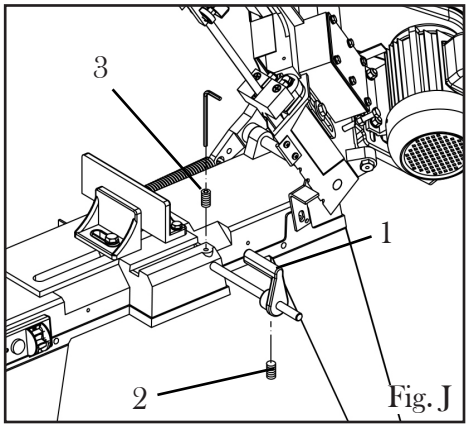


Fig. J

ADJUSTMENTS

VISE ADJUSTMENT

WARNING - Turn off the machine and disconnect from the power supply before doing any adjustments.

To use the vise:

1. Loosen the two hex bolts (Fig. K - 1, L - 1).

2. Use the scale as a guide to set your angle (Fig. K - 2).

3. Tighten the hex bolts (Fig. K - 1, L - 1).

4. Loosen the hex bolt on the opposite jaw so the jaw can float. Match the angle of the workpiece and retighten the hex bolt.

5. Tighten the vise against the workpiece.

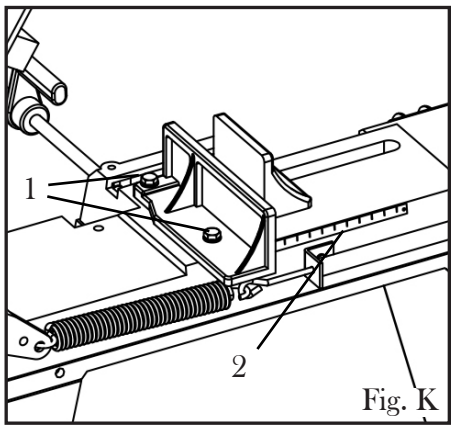


Fig. K

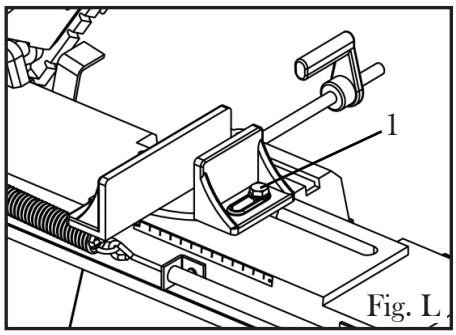


Fig. L

BLADE GUIDE ADJUSTMENT

Loosen the knob (Fig. M - 1) and slide the blade guide (Fig. M - 2) as close to the workpiece as possible, then re-tighten the knob.

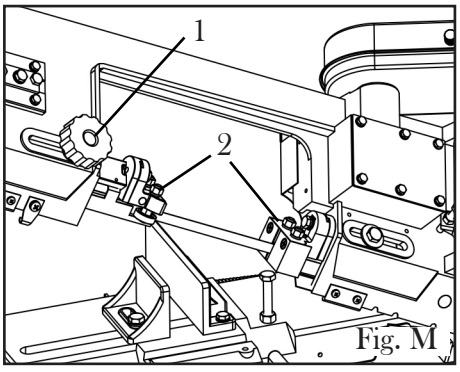


Fig. M

FEED RATE ADJUSTMENT

The feed rate is controlled by the spring (Fig. N - 1) and handle (Fig. N - 2). Twist the handle clockwise to add tension to the spring and slow down the feed rate. Twist the handle counterclockwise to remove the tension from the spring.

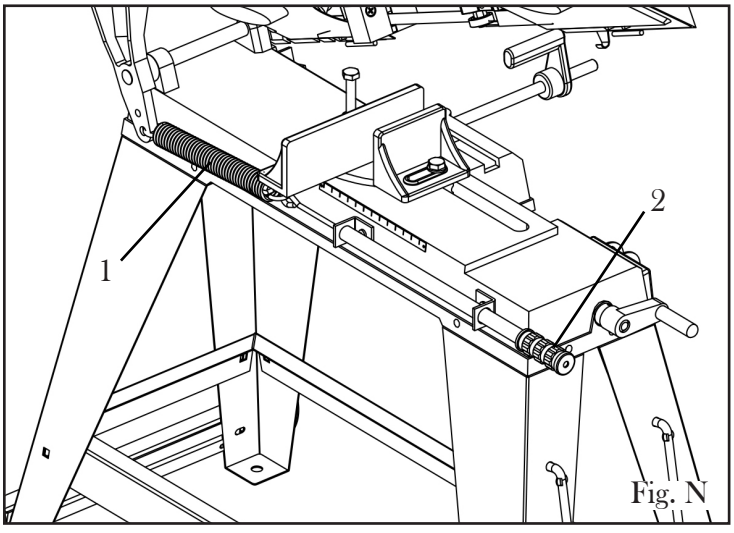
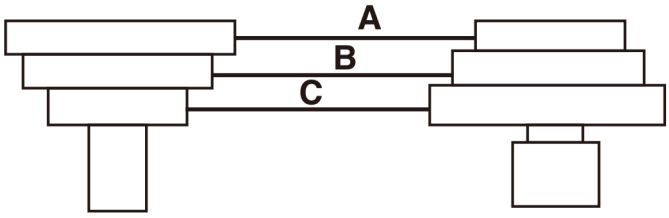


Fig. N



SPEED	F P M
A	80
B	120
C	200

Fig. O

ADJUSTMENTS

BLADE SPEED ADJUSTMENT

The bandsaw is capable of operating at 80, 120 or 200 FPM. The speed can easily be adjusted by changing the v-belt placement (Fig. O).

To change the blade's speed:

1. Loosen the motor lock bolt (Fig. P - 1) to allow the motor to pivot freely.

2. Raise the motor to relieve the belt tension and position the belt into the desired pulley alignment.

3. Release the motor and let ts weight tension the belt.

4. Tighten the motor lock bolt back against the frame of the band saw.

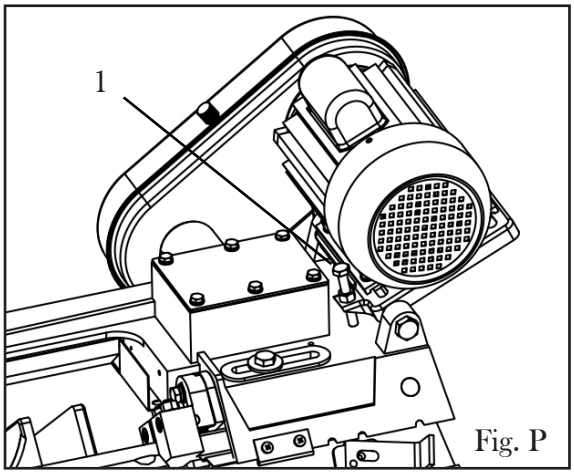


Fig. P

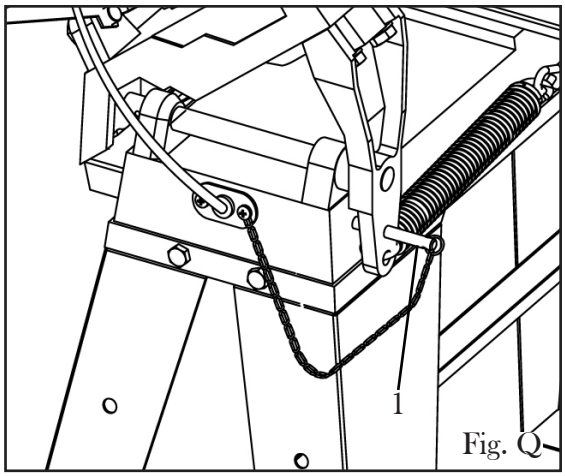


Fig. Q

HEAD LOCK PIN

The head locking pin (Fig. Q - 1) safely secures the head in the down position. To ensure the head does not unexpectedly spring up and tip the bandsaw over, this locking pin must be properly inserted when the band saw is not in use or before moving it.

To use the head locking pin, fully lower the head down. Insert the locking pin through the holes in the head pivot arm and base, locking the head into the down position (Fig. Q).

HORIZONTAL CUTTING (FIG. R)

Use the work stop to quickly and accurately cut multiple pieces of stock to the same length. Clamp the material firmly in the vise jaws to ensure a straight cut through the material.

Let the blade reach full speed before engaging the workpiece. Never start a cut with the blade in contact with the workpiece.

Chips should be curled and silvery. If the chips are thin and powder-like, increase your feed rate. If the chips are burned, reduce the blade speed.

Wait until the blade has completely stopped before removing the workpiece from the vise. Avoid touching the cut ends, as they could be very hot.

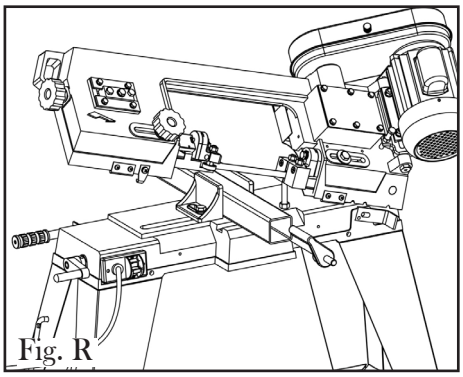


Fig. R

VERTICAL CUTTING

Workpieces that cannot be properly supported or stabalized without a vise should not be cut in the vertical position. Make sure that the vertical table assembly is securely fastened to the band saw frame so it will adequately support the workpiece.

Always keep your fingers away from the blade. Adjust the blade guides as close as possible to the workpiece to minimize side-to-side blade movement.

To assemble the bandsaw for vertical cutting:

1. Disconnect the bandsaw from the power supply.

2. Install the safety bracket (Fig. S - 1) and lock it into place with the pin (Fig. S - 2) to keep the saw from falling. The bracket should catch on the notch (Fig. S - 3).

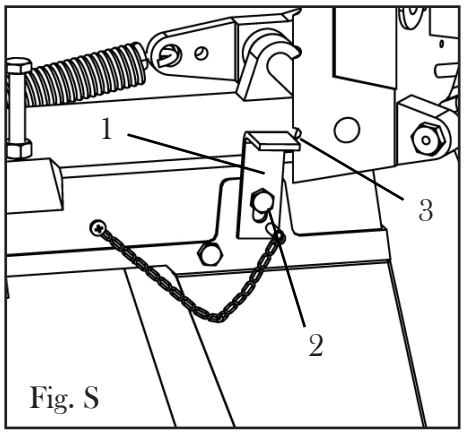


Fig. S

3. Remove the two flathead screws (Fig. T - 1) and the blade guide cover (Fig. T - 2).

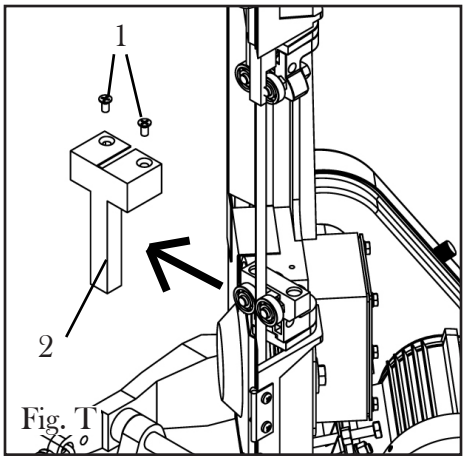


Fig. T

4. Install the table (Fig. U - 1) and replace the two screws removed in Step 3 (Fig. U).

5. Install the table support (Fig. U - 2) with the preinstalled hex bolt, the flat head screw and the hex nut.

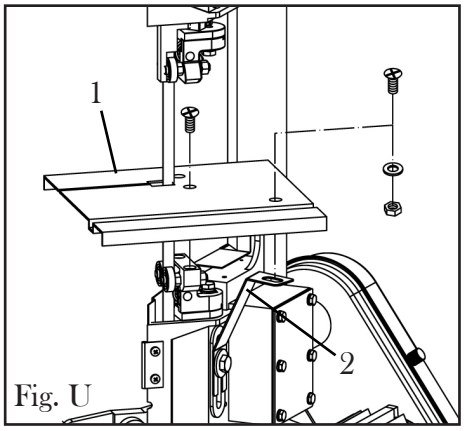


Fig. U

MAINTENANCE

WARNING: Turn off the machine and disconnect the power supply before conducting any maintenance work or adjusting any settings.

CHANGING THE SAW BLADE

1. Raise the head of the bandsaw to a vertical position. Use the head locking pin to hold it in place, then remove the wheel access cover.

2. Loosen the tension knob and slip the blade off of the wheels.

3. Install the new blade through both blade guide bearings and around the bottom wheel.

4. Hold the blade around the bottom wheel with one hand and slip it around the top wheel with the other hand, keeping the blade between the blade guide bearings.

5. Tighten the tension knob so the blade will not slip on the wheels upon startup.

GENERAL MACHINE CARE

• Routinely check the condition of the power supply cords and replace them if they are broken, worn or if internal wires are showing.

• Use a brush and a shop vacuum to remove chips and other debris from the machine.

• Always keep the machine hand grip clean to prevent accidental slipping during use.

• Remove the processing residues from the cutting area and the blade guides whenever necessary.

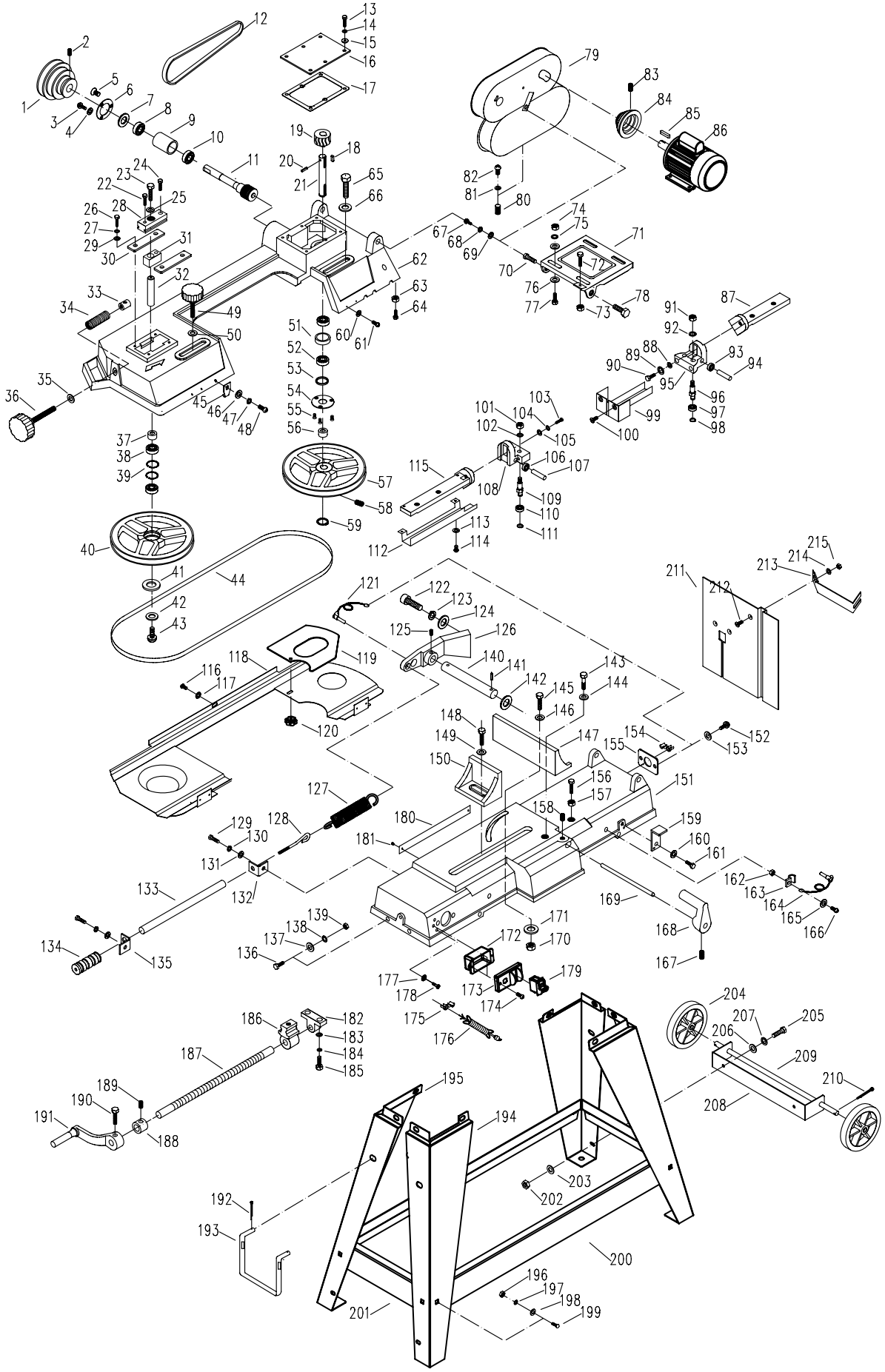
• If you do not intend to use the sawing machine for a long time, clean it and put it in a dry place if possible. In these cases, it is advisable to make sure the blade stays slack so that it is not kept under tension during storage for any reason.

• To ensure effective machine operation, check the condition of the blade daily. Sharpen it as necessary.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The motor does not work.	1. Defective motor, power cable or plug. 2. Safety cover is open; interlock switch does not work.	1. Specialized personnel should check the machine. 2. Close the safety cover.
Machine stalls or is underpowered.	1. Wrong blade for the workpiece material (metal). 2. Feed rate too fast for task. 3. V-belt is slipping.	1. Use a blade with correct properties for your type of cutting. 2. Decrease the feed rate. 3. Replace bad v-belt and retension.
Machine has vibration or noisy operation.	1. V-belt is slapping the belt cover. 2. V-belt is worn or loose. 3. Pulley is loose.	1. Inspect belt cover for proper installation. 2. Inspect/replace belt with a new one. 3. Realign/replace shaft, pulley, setscrew and key as required.
Teeth are ripping from the blade.	1. The feed pressure is too heavy and the blade speed is too slow; or the blade TPI is too coarse for the workpiece. 2. The workpiece is vibrating in the vise. 3. The blade gullets are loading up with chips.	1. Decrease the feed pressure or choose the proper blade. 2. Re-clamp the workpiece in the vise and use a jig if required. 3. Use a coarser-tooth blade.
Inaccurate cut squaring	1. Excessive cutting pressure. 2. Incorrect blade tooth in relation to the workpiece. 3. Incorrect adjustment of the sliding blade guide. 4. Incorrect cutting speed in relation to work piece. 5. The workpiece is wrongly positioned in the vise. 6. Poor blade tension.	1. Decrease the cutting pressure. 2. Choose the proper blade for the given workpiece. 3. Check the blade guide adjustment. 4. Adjust to the correct cutting speed. 5. Check workpiece positioning and clamping in the vise. 6. Check the blade tension.
The blade tends to protrude from the guide.	1. Excessive blade tension. 2. Incorrect eccentric blade guide adjustment. 3. The blade slips on the pulleys, due to the oil or grease required for cutting operations.	1. Check blade tension. 2. Check eccentric blade guide adjustment. 3. Never use any type of lubricant or coolant for the cutting operations; specialized personnel should check and replace the pulleys if necessary.

EXPLODED VIEW AND PARTS LIST



EXPLODED VIEW AND PARTS LIST

No.	Part Number	Description	QTY.
1	3970-001	Worm gear pulley	1
2	3970-002	Set screw	1
3	3970-003	Pan head screw	1
4	3970-004	Flat washer	1
5	3970-005	Flat head screw	2
6	3970-006	Bearing cover	1
7	3970-007	Oil seal	1
8	3970-008	Ball bearing	1
9	3970-009	Bearing bushing	1
10	3970-010	Ball bearing	1
11	3970-011	Worm gear	1
12	3970-012	V belt	1
13	3970-013	Hex head bolt	6
14	3970-014	Lock washer	6
15	3970-015	Flat washer	6
16	3970-016	Gear box cover	1
17	3970-017	Gear box gasket	1
18	3970-018	Key	2
19	3970-019	Worm assembly	1
20	3970-020	Spring pin	1
21	3970-021	Worm gear	1
22	3970-022	Hex head bolt	1
23	3970-023	Hex head bolt	1
24	3970-024	Hex head bolt	1
25	3970-025	Flat washer	1
26	3970-026	Hex head bolt	4
27	3970-027	Lock washer	4
28	3970-028	Sliding block	1
29	3970-029	Flat washer	4
30	3970-030	Guide plate	2
31	3970-031	Shaft block	1
32	3970-032	Shaft	1
33	3970-033	Blade tension nut	1
34	3970-034	Spring	1
35	3970-035	Flat washer	1
36	3970-036	Blade tension knob	1
37	3970-037	Bushing	1
38	3970-038	Ball bearing	2
39	3970-039	Retaining ring	2
40	3970-040	Rear blade wheel	1
41	3970-041	Flat washer	1
42	3970-042	Flat washer	1
43	3970-043	Socket head screw	1
44	3970-044	Blade	1
45	3970-045	Switch cut off finger	1
46	3970-046	Flat washer	1
47	3970-047	Lock washer	1
48	3970-048	Pan head screw	1
49	3970-049	Rear guide tighten knob	1
50	3970-050	Flat washer	1
51	3970-051	Bushing	1
52	3970-052	Ball bearing	2
53	3970-053	Oil seal	1
54	3970-054	Bearing cover	1

No.	Part Number	Description	QTY.
55	3970-055	Flat head screw	3
56	3970-056	Bushing	1
57	3970-057	Front blade wheel	1
58	3970-058	Set screw	1
59	3970-059	Retaining ring	1
60	3970-060	Flat washer	4
61	3970-061	Pan head screw	4
62	3970-062	Frame	1
63	3970-063	Hex head bolt	1
64	3970-064	Hex nut	1
65	3970-065	Hex head bolt	1
66	3970-066	Flat washer	1
67	3970-067	Pan head screw	1
68	3970-068	Lock washer	1
69	3970-069	Flat washer	1
70	3970-070	Hex head bolt	1
71	3970-071	Motor support plate	1
72	3970-072	Hex head bolt	1
73	3970-073	Hex nut	1
74	3970-074	Hex nut	4
75	3970-075	Lock washer	4
76	3970-076	Flat washer	4
77	3970-077	Hex head bolt	4
78	3970-078	Hex head bolt	1
79	3970-079	Belt cover	1
80	3970-080	Knob	1
81	3970-081	Flat washer	1
82	3970-082	Pan head screw	1
83	3970-083	Set screw	1
84	3970-084	Motor pulley	1
85	3970-085	Key	1
86	3970-086	Motor	1
87	3970-087	Front guide base	1
88	3970-088	Flat washer	1
89	3970-089	Lock washer	1
90	3970-090	Hex head bolt	1
91	3970-091	Hex nut	2
92	3970-092	Lock washer	2
93	3970-093	Ball bearing	1
94	3970-094	Shaft	1
95	3970-095	Front blade guide	1
96	3970-096	Shaft	2
97	3970-097	Ball bearing	2
98	3970-098	Retaining ring	2
99	3970-099	Front blade guard	1
100	3970-100	Flat head screw	2
101	3970-101	Hex nut	2
102	3970-102	Lock washer	2
103	3970-103	Hex head bolt	1
104	3970-104	Lock washer	1
105	3970-105	Flat washer	1
106	3970-106	Ball bearing	1
107	3970-107	Shaft	1
108	3970-108	Rear blade guide	1

EXPLODED VIEW AND PARTS LIST

No.	Part Number	Description	QTY.
109	3970-109	Shaft	2
110	3970-110	Ball bearing	2
111	3970-111	Retaining ring	2
112	3970-112	Rear blade guard	1
113	3970-113	Flat washer	2
	3970-114	Pan head screw	2
115	3970-115	Rear guide base	1
116	3970-116	Pan head screw	1
117	3970-117	Flat washer	1
118	3970-118	Frame guard	1
119	3970-119	Extension guard	1
120	3970-120	Knob	1
121	3970-121	Pin with chain	1
122	3970-122	Socket head screw	2
123	3970-123	Lock washer	2
124	3970-124	Flat washer	2
125	3970-125	Set screw	1
126	3970-126	Pivot block	1
127	3970-127	Spring	1
128	3970-128	Spring adjusting screw	1
129	3970-129	Hex head bolt	2
130	3970-130	Lock washer	2
131	3970-131	Flat washer	2
132	3970-132	Screw support plate	1
133	3970-133	Adjusting rod	1
134	3970-134	Knob	1
135	3970-135	Adjusting rod support	1
136	3970-136	Hex head bolt	8
137	3970-137	Flat washer	8
138	3970-138	Lock washer	8
139	3970-139	Hex nut	8
140	3970-140	Pivoting rod	1
141	3970-141	Spring pin	1
142	3970-142	Flat washer	1
143	3970-143	Hex head bolt	1
144	3970-144	Flat washer	1
145	3970-145	Hex head bolt	1
146	3970-146	Flat washer	1
147	3970-147	Vise jaw	1
148	3970-148	Hex head bolt	1
149	3970-149	Flat washer	1
150	3970-150	Sliding vise jaw	1
151	3970-151	Base	1
152	3970-152	Pan head screw	2
153	3970-153	Flat washer	2
154	3970-154	Strain relief	1
155	3970-155	Strain relief mounting plate	1
156	3970-156	Hex head bolt	1
157	3970-157	Hex nut	1
158	3970-158	Set screw	1
159	3970-159	Safety bracket	1
160	3970-160	Flat washer	1
161	3970-161	Hex head bolt	1
162	3970-162	Hex nut	2

No.	Part Number	Description	QTY.
163	3970-163	Cord clamp	2
164	3970-164	Pin with chain	1
165	3970-165	Flat washer	2
166	3970-166	Pan head screw	2
167	3970-167	Set screw	1
168	3970-168	Work stop	1
169	3970-169	Work stop rod	1
170	3970-170	Hex nut	1
171	3970-171	Flat washer	1
172	3970-172	Switch box	1
173	3970-173	Switch mounting plate	1
174	3970-174	Thread forming screw	2
175	3970-175	Strain relief	2
176	3970-176	Power cord	1
177	3970-177	Serrated washer	2
178	3970-178	Pan head screw	2
179	3970-179	Switch	1
180	3970-180	Angle scale	1
181	3970-181	Rivet	2
182	3970-182	Screw support block	1
183	3970-183	Flat washer	2
184	3970-184	Lock washer	2
185	3970-185	Hex head bolt	2
186	3970-186	Vise nut	1
187	3970-187	Lead screw	1
188	3970-188	Bushing	1
189	3970-189	Set screw	1
190	3970-190	Hex head bolt	1
191	3970-191	Crank handle	1
192	3970-192	cotter pin	2
193	3970-193	Transport handle	1
194	3970-194	Leg A	2
195	3970-195	Leg B	2
196	3970-196	Hex nut	8
197	3970-197	Lock washer	8
198	3970-198	Flat washer	8
199	3970-199	Carriage bolt	8
200	3970-200	Long brace	2
201	3970-201	Short brace	2
202	3970-202	Hex nut	2
203	3970-203	Flat washer	2
204	3970-204	Transport wheel	2
205	3970-205	Hex head bolt	2
206	3970-206	Flat washer	2
207	3970-207	Lock washer	2
208	3970-208	Wheel stand	1
209	3970-209	Shaft	1
210	3970-210	cotter pin	2
211	3970-211	Table	1
212	3970-212	Flat head screw	1
213	3970-213	Table support	1
214	3970-214	Flat washer	1
215	3970-215	Hex nut	1

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