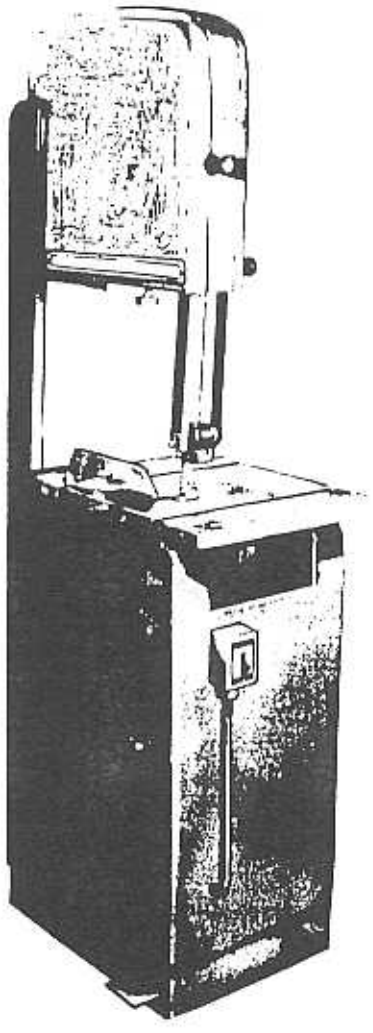


PARKS

18-INCH WOOD- AND METAL-CUTTING BAND SAW

assembly • operating • repair parts

safety instructions for operator

WARNING: DO NOT ATTEMPT TO USE YOUR BAND SAW UNTIL YOU ARE THOROUGHLY FAMILIAR WITH ALL OPERATING CONTROLS AND THE FOLLOWING SAFETY RULES.

1. Locate your tool where you will have ample room in which to handle largest workpiece you will use, and where you can stand on a level, uncluttered floor while operating tool. Keep area clean and dry.
2. Provide adequate overhead, non-glare light and good ventilation so that sawdust will not "hang in the air."
3. Dress properly: *no* gloves, *no* rings or dangling jewelry, *no* loose, long sleeves or loose flowing garment, *no* long, unbound hair.
4. Any power tool can throw dust, etc. into your eyes. *Always* put on safety glasses or an eye shield *before* starting your tool. **Foresight is better than no sight!**
5. *Never* alter a set-up while blade is running. Be completely ready for each cut *before* turning power on.
6. *Never* operate saw with cabinet doors open or with blade guard off.
7. After changing blades, check to make certain blade is correctly installed with teeth pointing downward at front of blade.
8. *Always* reposition upper blade-guide assembly for each new workpiece so that bottom of guide clears workpiece top by no more than 1/4-in. This provides needed support behind blade to prevent its bending and possible breakage. Check after each readjustment to be certain blade is tracking correctly in the two (upper and lower) blade guide assemblies so that it runs freely but without excess play backward or to either side.
9. *Never* force work into blade – this makes a bad cut and can quickly dull, bend and/or break the blade. Feed work only as fast as the blade can freely cut it.
10. Make certain workpiece can*not* wobble during a cut. It must lie flat on table or be firmly guided against a rip fence – or be firmly held by the miter gauge.
11. Make certain workpiece does *not* twist the blade while cutting. If making a straight cut, either guide it straight with *both* hands or use a fence or miter gauge. If making a curved cut, advance the work sufficiently as you turn it so that radius of curve will always be as much or more than the minimum cutting radius of the width blade you are using.
12. *Never* position your hands dangerously. Keep them to each side of the cut line (*never in line with the blade*). Avoid awkward positions of hands or feet which could cause hands to strike blade if you should slip.
13. If a workpiece overhangs table top enough to sag or spring, support its overhang with a table-height sawhorse or roller stand.
14. Do *not* permit visitors to distract you or get in the way while you are working. *Never* leave saw running while unattended; and lock children and unauthorized persons out of your shop when you are not there. *Don't* let anyone climb up or stand on your tool.

The operation of any power tool can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields before commencing power tool operation. We recommend **Wide Vision Safety Mask** for use over spectacles, or standard safety glasses .

THE PARKS WOODWORKING MACHINE CO.
1501 KNOWLTON ST.
CINCINNATI, OHIO 45223

Phone 513 681-1931

assembly

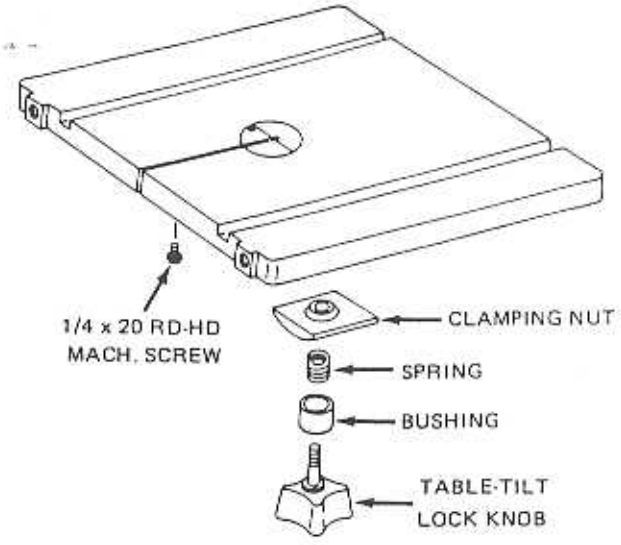
INSTALLING TABLE

1. Remove the 1/4-20 machine screw from underside of table slot at front of table.

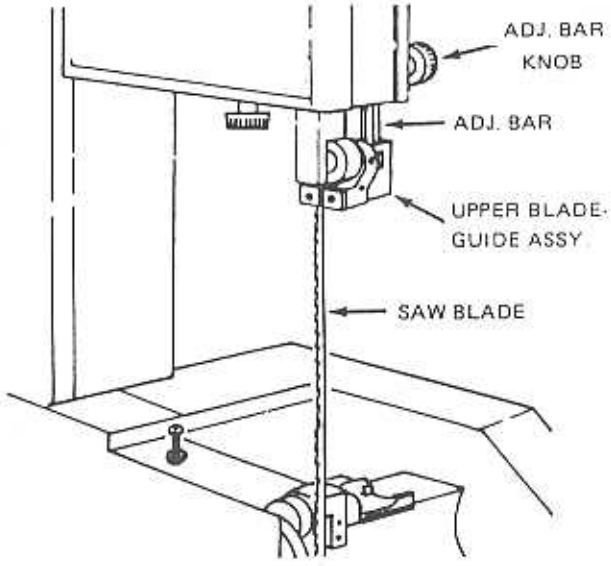
2. Unscrew the table-tilt lock knob from the clamping nut and remove the nut, spring, bushing and knob.

   NOTE: These were assembled to the table in proper sequence; they will be reassembled in the same sequence when table is installed.

3. **Remove the factory-applied protective coating from the table. We suggest using kerosene. Apply a coat of paste wax to the table top. This will help prevent rusting and make it easier to feed work while sawing.**

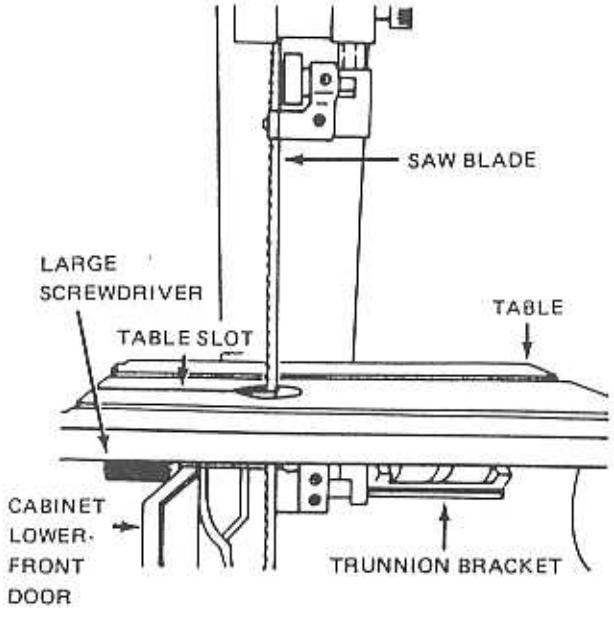


4. Loosen the adjusting-bar knob (turn counterclockwise), raise the adjusting bar as high as possible, then tighten the knob. This will elevate the upper blade-guide assembly out of your way.

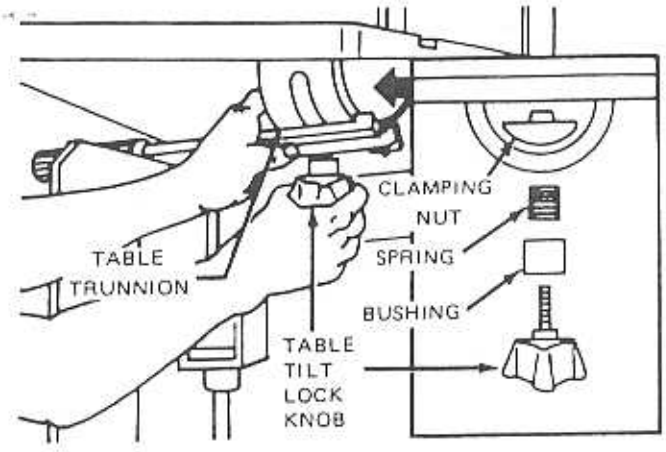


5. Stand at right side of tool (saw-blade teeth at your left). Hold table with table slot at your left and slide table into position from right to left so that the saw blade will enter all the way into the table slot. Lower the table so that the table trunnion rests squarely in the table-trunnion bracket, and the table is level.

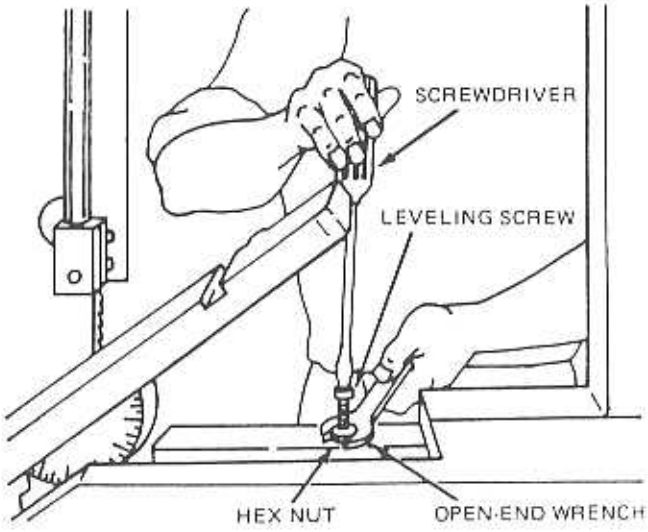
   NOTE: To support the table level, open the lower front cabinet door sufficiently to position its top edge under the left end of table, then use a wedge (a large screwdriver blade will do) between door top and table to elevate this side of table as necessary.



6. Slide the clamping nut (from left to right) into position between the table top and table trunnion. Place the bushing and spring over the threaded part of the lock knob with the spring inside of the bushing. While holding the nut to position it, thread the knob into the nut and tighten it (clockwise) enough to hold parts in position but *not* enough to prevent table from being tilted.

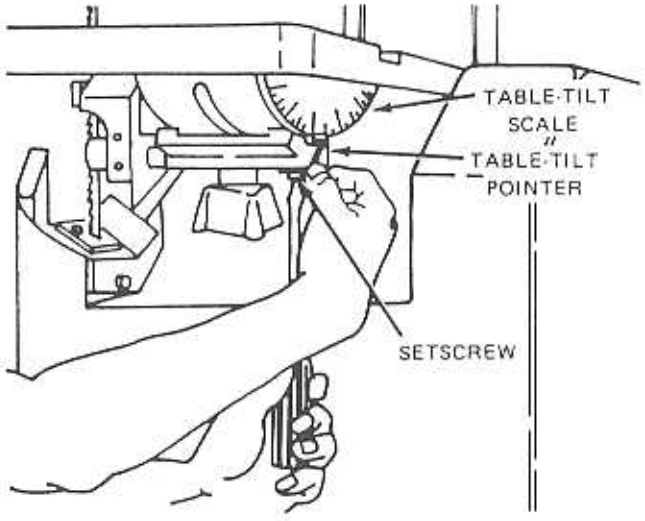


7. By tilting the table you can reach the table leveling screw. With a 5/16-in. open-end wrench, loosen (counterclockwise) the hex nut and adjust the leveling screw up or down as necessary so that when table is returned to its horizontal position it will be exactly level. Table must be perpendicular to the band saw blade (use a 12-in. machinists square to check). Several readjustments may be required. When table is level, tighten the hex nut without turning the leveling screw.



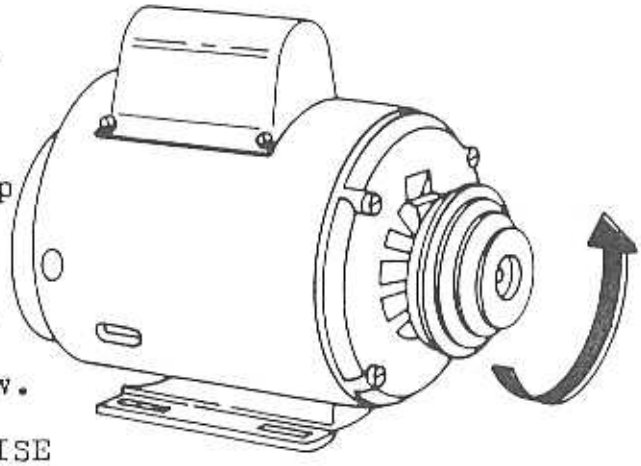
8. Position the table horizontal (level) and tighten the table-tilt lock knob. If necessary, loosen the rd-hd setscrew, set the table-tilt pointer at "0" on the scale, then retighten the setscrew.

9. Reinstall the 1/4-20 machine screw (removed in step 1) at front underside of table slot, and securely tighten the screw.



INSTALLING MOTOR AND SWITCH

This Band Saw requires a 1725 rpm motor at least 1 hp. We recommend a motor with 143T or 182 frame. An OFF-ON Toggle Switch should be mounted in a convenient location, with rating of 15 amps for 115 volts or 7.5 amps for 220 volts. A 4-step motor pulley and V-belt are furnished as standard equipment with the machine.

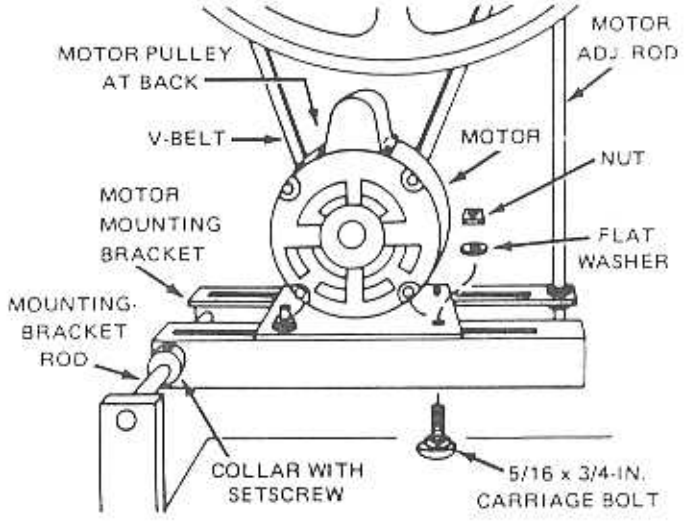


To install the 4-step motor pulley, place it on the motor shaft with smallest step outermost. Securely tighten the set screw.

CAUTION: MOTOR MUST ROTATE COUNTER-CLOCKWISE WHEN VIEWED FROM PULLEY END. CHECK ROTATION BEFORE INSTALLATION.

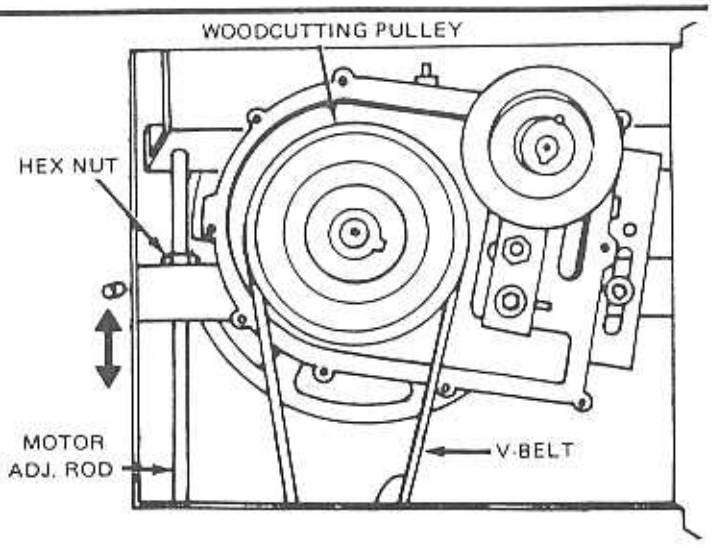
Position the motor on the motor mounting bracket with the motor pulley approximately beneath the large wood-cutting pulley. Loosely secure the motor to the bracket using four carriage bolts with flat washers and nuts. Place the V-belt around the woodcutting pulley and the *largest* step of the motor pulley. Move the motor until the V-belt is exactly vertical and a centerline through the two pulley hubs is also vertical.

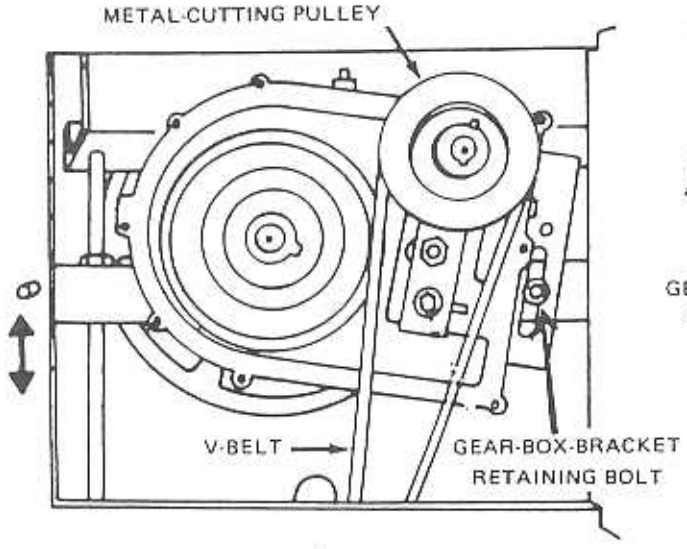
NOTE: The motor-mounting bracket can be moved forward or backward when the two collars on the mounting-bracket rod (one in front; other in back) are loosened by loosening their setscrews. If necessary, loosen the collars' setscrews and slide the mounting bracket to position the motor-pulley largest step directly beneath the woodcutting pulley – then position both collars against the bracket and securely retighten the setscrews.



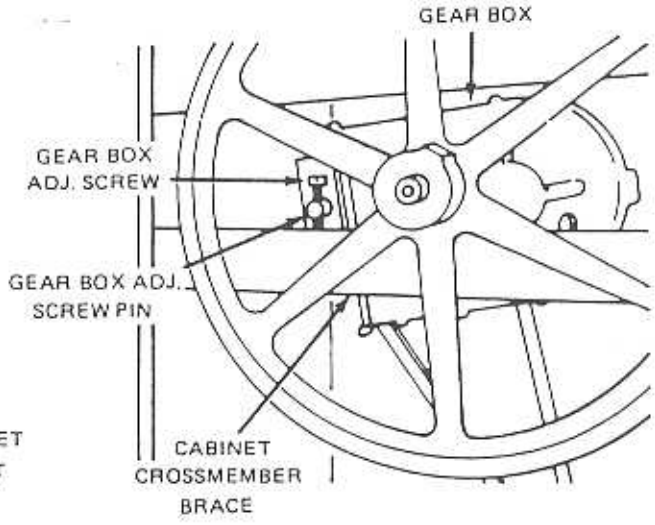
Adjust the belt tension by turning the hex nut at the top of the motor adjusting rod. Turn nut clockwise to elevate motor (and slacken belt), or counterclockwise to tighten belt. Tension is correct when light finger pressure applied to one side halfway between the pulleys will flex the belt about 1/2 inch.

CAUTION: TOO TIGHT A BELT WILL WEAR OUT THE MOTOR AND PULLEY BEARINGS; TOO LOOSE A BELT WILL SLIP, LOSE POWER, AND WEAR OUT THE BELT.





Reposition the belt to fit on the smallest motor-pulley step and the largest step of the three-step metal-cutting pulley. If necessary, readjust the belt tension to be the same as above. To do this, loosen the gear-box-bracket retaining bolt, then turn the gear box adjusting screw.



Be certain that screw remains vertical with its end against cabinet crossmember brace. Turn screw clockwise to slacken belt. After making adjustment securely, retighten the gear-box-bracket retaining bolt.

. Install a switch (preferably, an OFF-ON toggle type) in the hot line(s) to the motor, following directions furnished with motor and switch.

NOTE: Best location for switch is on right side of cabinet near the front and just below the table (refer to "Operating Controls" for illustration showing switch.

CONNECTION TO YOUR POWER SOURCE

Be sure that you know the type and voltage of your power source and that these agree with the specifications on your motor nameplate before connecting your tool to the power supply. If you do not know how to make electrical connections, have a qualified electrician do the work. WARNING: BE CERTAIN THAT YOUR TOOL IS PROPERLY GROUNDED BY THE ELECTRICAL INSTALLATION.

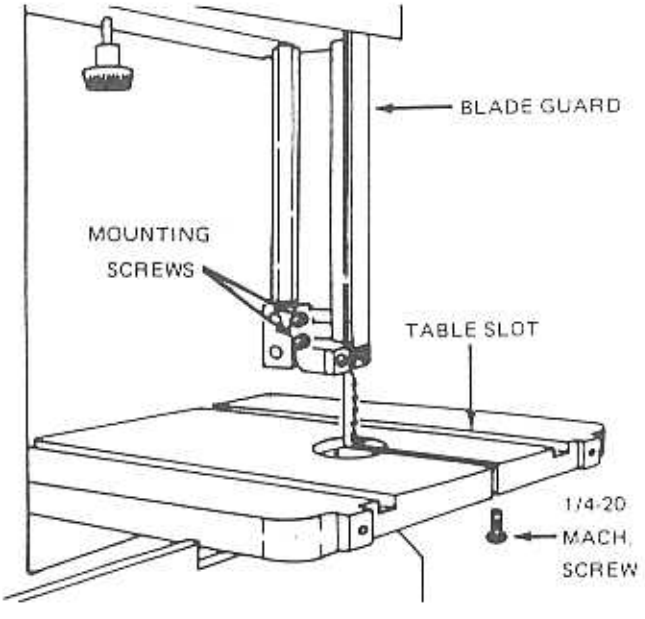
CHANGING SAW BLADES

Your saw is shipped with a metal-cutting blade and metal blade guides installed. You also receive a wood-cutting blade and fibre blade guides (refer to "Table of Loose Parts").

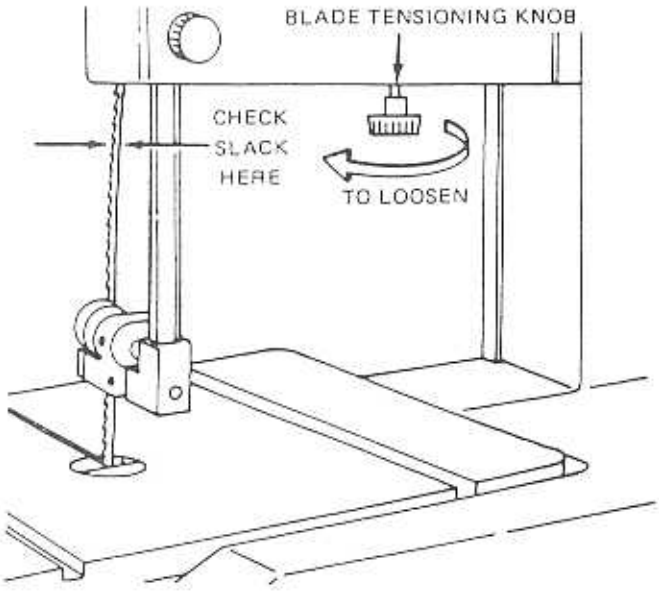
CAUTION: WHEN CHANGING FROM A METAL- TO A WOOD-CUTTING BLADE OR VICE-VERSA ALWAYS CHANGE ALSO TO THE PROPER BLADE GUIDES: METAL GUIDES FOR METAL CUTTING; FIBRE GUIDES FOR WOOD CUTTING. USE OF THE WRONG GUIDES CAN DAMAGE THE BLADE AND GUIDES.

TO REMOVE A SAW BLADE

1. Remove the 1/4-20 machine screw from underside of table slot at front of table. Loosen the two mounting screws and remove the blade guard.

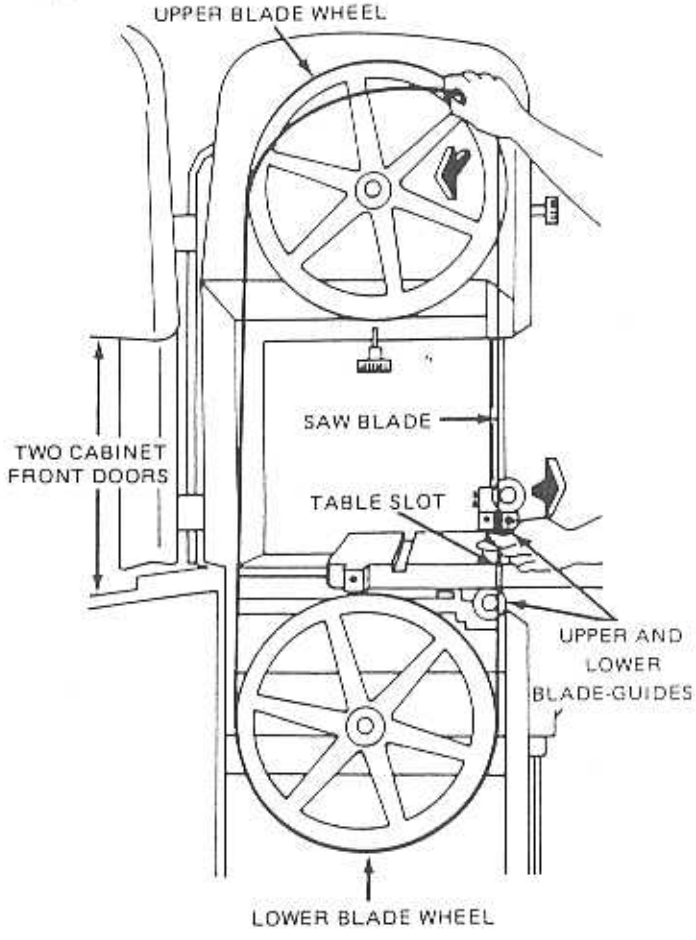


assembly



2. Loosen the blade tension until exposed portion of blade is sufficiently slack to be moved an inch or more side-to-side with your fingers. To loosen, rotate the blade tensioning knob counterclockwise.

3. Open wide both cabinet front doors. Slide the blade off of the upper blade wheel and hold it straight while then sliding it out of the two blade guides and the table slot until it also becomes disengaged from the lower blade wheel. Store the blade in a manner to prevent kinking or dulling of the teeth.

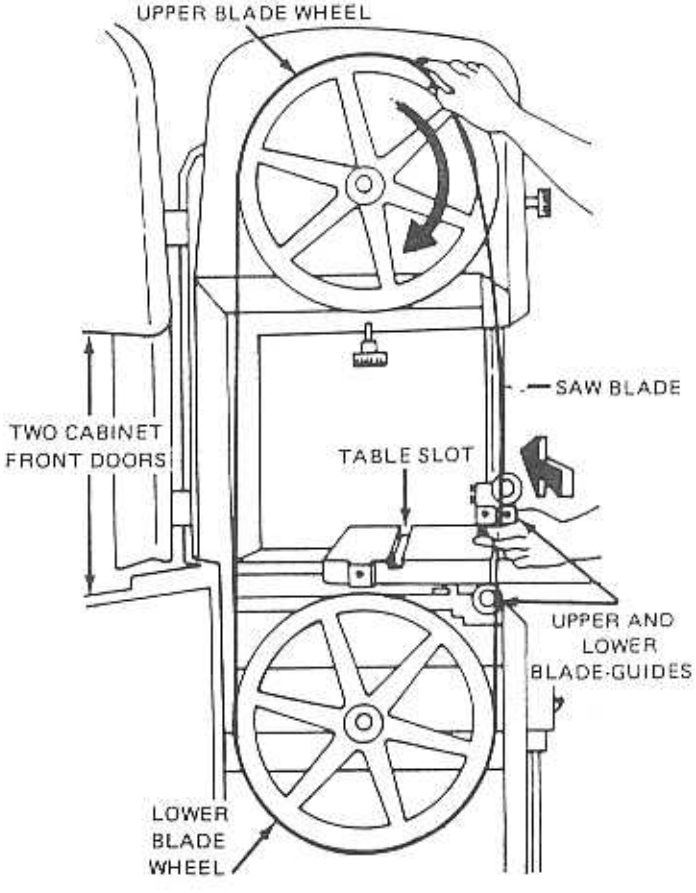


TO INSTALL A SAW BLADE

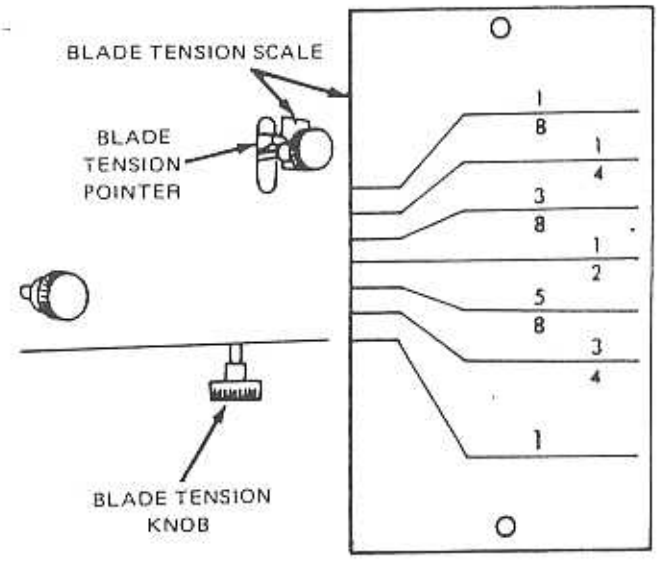
1. After removing a blade, leave the two cabinet front doors open, the blade tensioning knob positioned to provide blade slack, and the blade guard together with the 1/4-20 machine screw at under-front end of table slot both removed.

2. Carefully install the blade by first feeding its right-hand side into the table slot and back into the two blade guides, then onto the lower blade wheel and, finally, onto the upper blade wheel. To position blade on the upper wheel start it on wheel at top-left side and rotate wheel and blade clockwise by hand while pushing top of blade onto the balance of the wheel. Install blade so that it is approximately centered on both wheels and is properly fitted between the blade guides of both blade-guide assemblies.

CAUTION: BLADE TEETH MUST BE AT FRONT OF SAW AND MUST POINT DOWNWARD.

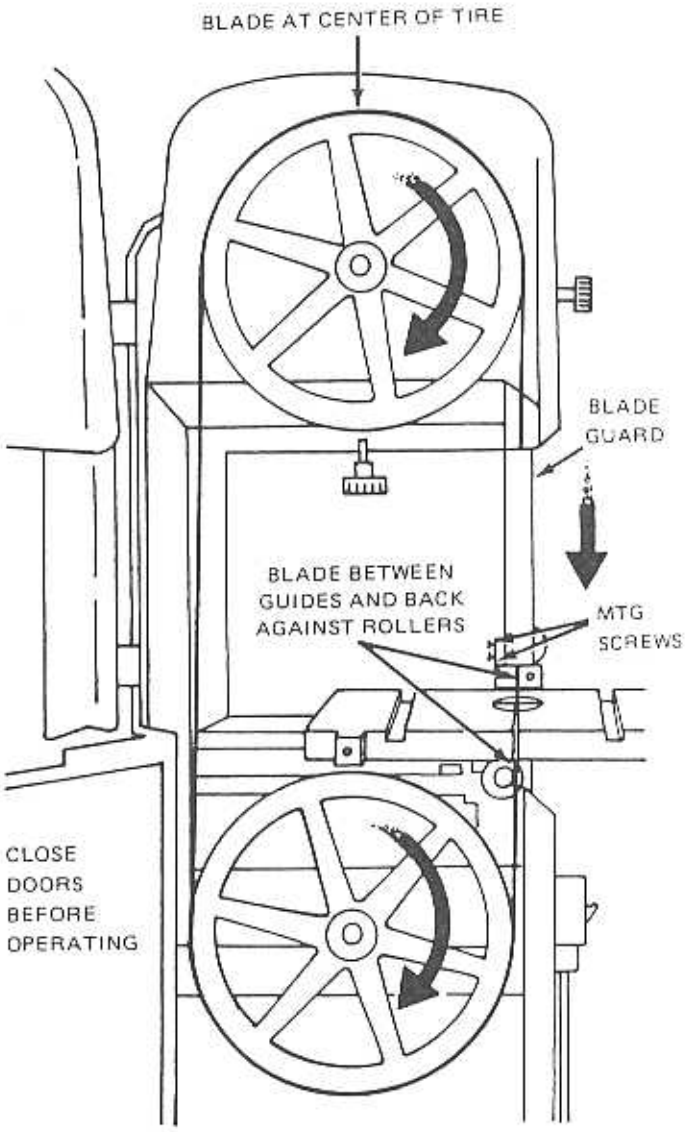


3. Adjust the blade tension. Do this by rotating the blade tension knob clockwise until the blade-tension pointer is at the proper setting on the blade-tension scale for the width of the blade (e.g.: at 3/8 for a 3/8-in. wide blade, etc.).



4. Check blade tracking – first, by rotating upper blade wheel by hand, then by turning motor on for a brief interval. Blade should run at the approximate centers of the tires on both (upper and lower) wheels and should pass smoothly and quietly, without play, between the two guides of each of the two blade-guide assemblies while also bearing back against the guide rollers of these two assemblies. If blade tracks correctly and if the blade guides are correct for the type (metal- or wood-cutting) of blade, reinstall the blade guard and the 1/4-20 machine screw at bottom-front of table slot – then close the two cabinet front doors. Blade installation is now complete.

CAUTION: IF YOU HAVE CHANGED FROM A METAL- TO A WOOD-CUTTING BLADE OR VICE-VERSA, THE BLADE GUIDES MUST BE CHANGED. ALSO, THE V-BELT MUST BE SHIFTED TO PROPER PULLEY AND, IN CASE OF A METAL-CUTTING SET-UP, THE GEAR BOX MUST BE SHIFTED TO PROPER POSITION (REFER TO "OPERATING CONTROLS," FOLLOWING). MOREOVER, IF BLADE DOES NOT TRACK PROPERLY, YOU MUST MAKE THE FOLLOWING ADJUSTMENTS (REFER TO "TO ADJUST BLADE TRACKING ON WHEELS" AND "TO ADJUST A BLADE GUIDE ASSEMBLY").



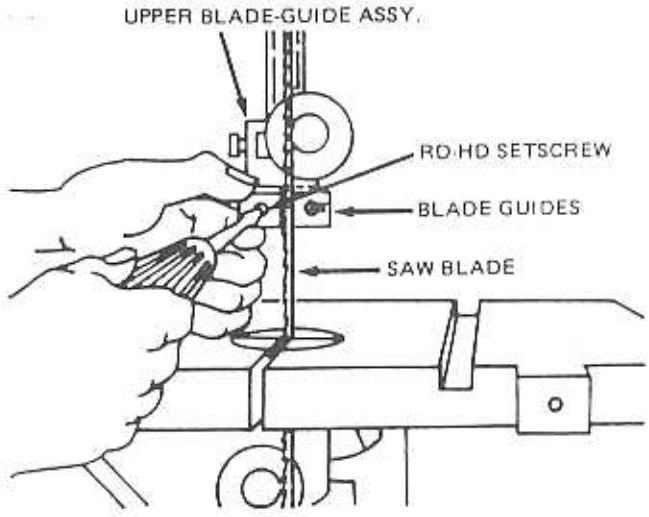
assembly

TO CHANGE BLADE GUIDES

There are four blade guides – two on the upper blade-guide assembly and two on the lower blade-guide assembly. The guides are identical (interchangeable) and are positioned the same on both blade-guide assemblies.

1. To remove a guide, remove the rd-hd setscrew that holds it in place.

2. To install a guide, hold it in position against the blade-guide assembly and install the rd-hd setscrew that secures it. However, do *not* tighten the setscrews until guides have been properly adjusted (refer to "To Adjust a Blade-Guide Assembly", following).



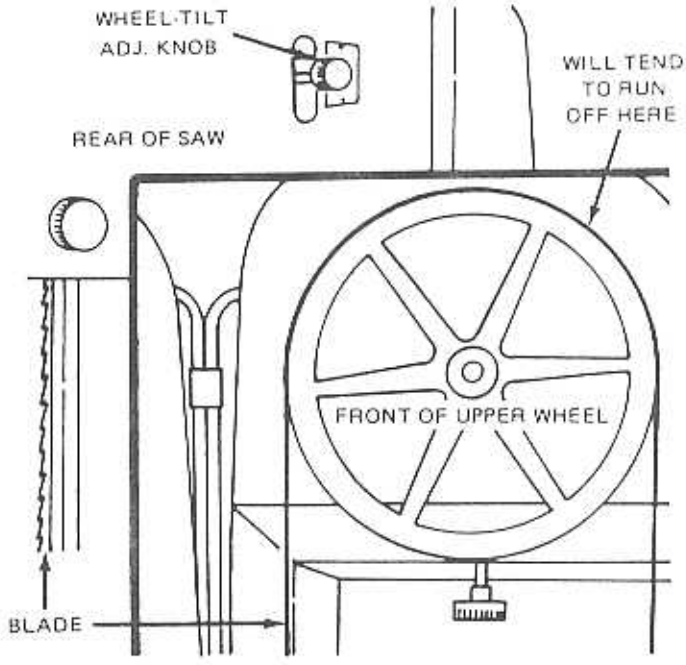
TO ADJUST BLADE TRACKING ON WHEELS

If blade does not track (run at centers of tires) on both wheels it will tend to run off the upper wheel, either toward the front or toward the back. Check – by rotating upper wheel by hand – every time you change blades.

1. If blade runs off wheel *front*, rotate the wheel-tilt adjusting knob *clockwise* until corrected.

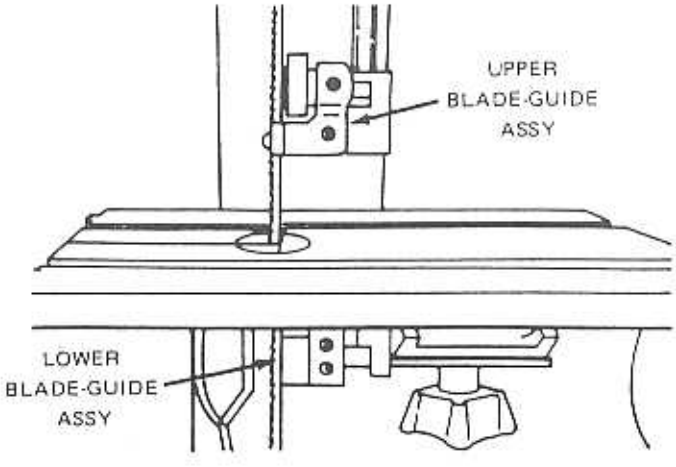
2. If blade runs off wheel *back*, rotate the knob *counter-clockwise* until corrected.

3. If blade does not run at center of tire on lower wheel, loosen the setscrew in wheel hub and shift wheel on its shaft as required – then retighten setscrew.



TO ADJUST A BLADE-GUIDE ASSEMBLY

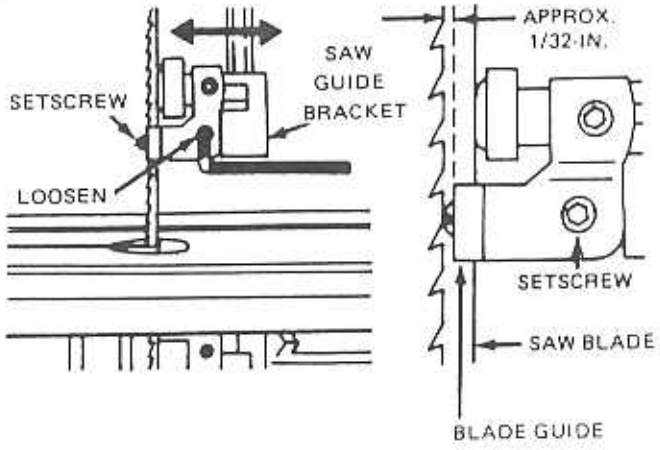
The two blade guide assemblies (upper and lower) are identical and require identical adjustments. Be *sure* to adjust both whenever you change saw blades.



1. Loosen the two rd-hd setscrews that respectively hold the two blade guides.

2. Loosen the allen-hd setscrew that holds the saw-guide bracket on its shaft.

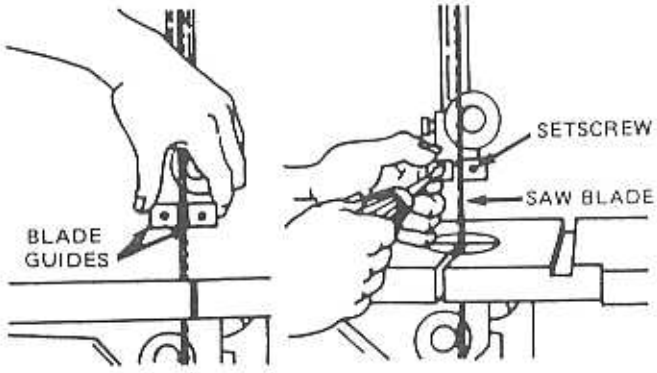
3. Adjust the bracket on its shaft so that the front edges of the two blade guides are approximately 1/32-in. behind the saw blade teeth – then securely retighten the setscrew.



4. *Lightly* press the two guides against the blade sides.

5. Retighten the two setscrews, holding each guide in position as you tighten its setscrew.

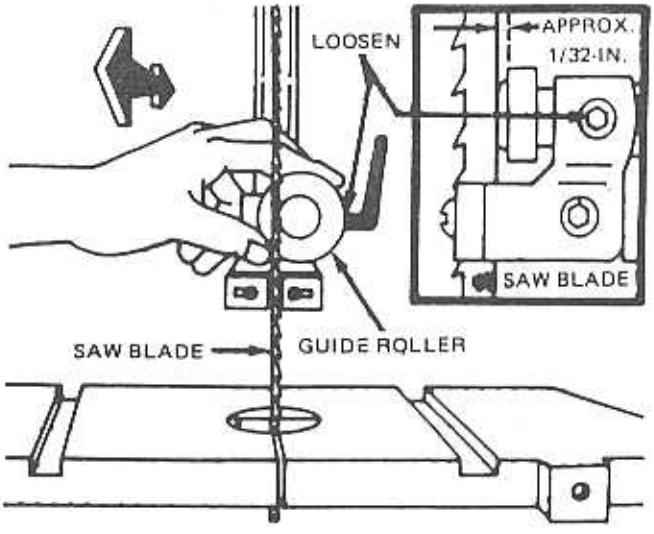
6. Rotate upper wheel clockwise by hand to check guide settings. Blade must neither bind nor wobble from side-to-side as it passes between the two guides. Re-adjust, if necessary.



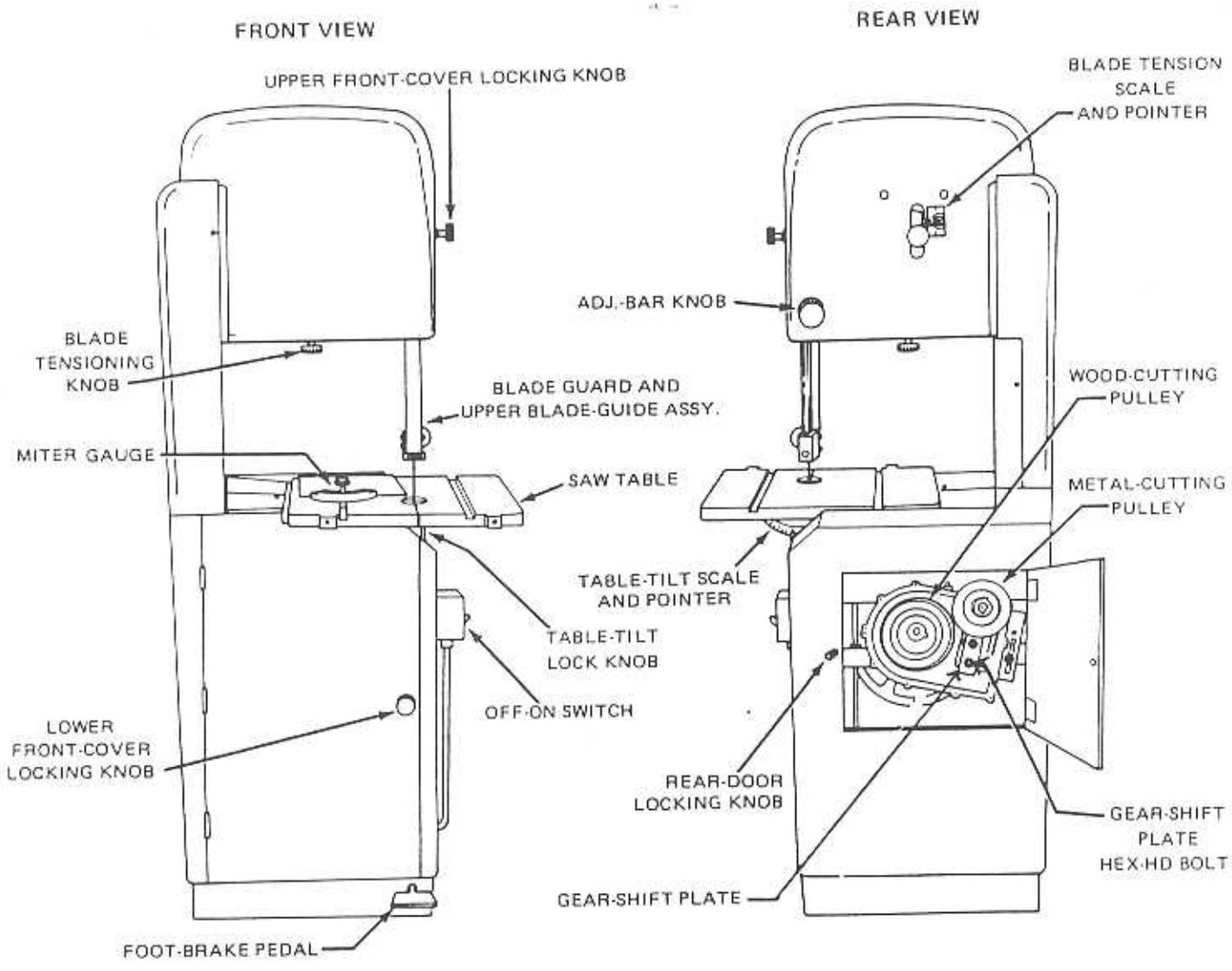
7. Loosen the allen-hd setscrew that holds the guide-roller stud in the saw-guide bracket.

8. Adjust the stud forward or backward until the back (smooth) edge of the saw blade just touches the roller, then move the stud backward (away from blade) approximately 1/32-in. and securely retighten the set-screw.

CAUTION: ROLLER MUST NOT DISTORT BLADE BY THRUSTING IT FORWARD, BUT MUST NOT BE SO FAR BACK THAT BLADE WILL BE DISTORTED BACK-WARD BEFORE BLADE CAN CONTACT THE ROLLER.



operating controls



Two front doors are opened by loosening the door knobs; rear door is opened by removing the door knob. All three doors *must* be closed when saw is in operation.

Blade is properly tensioned for sawing by rotating the *blade tensioning knob* — clockwise to increase tension, and vice-versa. Pointer should be at setting on *blade tension scale* corresponding to blade width. Check setting frequently and whenever blade is changed.

Saw table can be tilted up to 45°. The *table tilt scale and pointer* show table angle. Table is level when pointer is at "0" on scale. To reposition table, loosen the *table-tilt locking knob*. Knob must be securely tightened after repositioning the table.

Blade guard and upper blade-guide assembly can be moved up or down when the *adjusting-bar knob* is loosened (counterclockwise). Adjust prior to beginning a cut, then securely retighten the knob.

V-belt must be shifted from *woodcutting to metal-cutting pulley*, or vice-versa, whenever changing from one to the other type of workpiece — and after also changing to correct type of blade.

Gear-shift plate must be shifted when changing from metal- to woodcutting or vice-versa. Loosen the gear-shift-plate hex-hd bolt and shift bottom end of plate to THE LEFT to engage gears for metalcutting, or to the RIGHT to disengage gears for woodcutting. *Never* operate saw with the V-belt set-up one way and the gears set-up the opposite way. Securely retighten bolt after making the shift.

Foot-brake pedal stops blade when pedal is pushed down *after* power is turned off. Do *not* use with power on.

basic band saw operations

BASIC BAND-SAW OPERATIONS

1. Your saw can be used for making straight or curved cuts in wood or metal. Always use the woodcutting set-up for sawing wood, plywood, hardboard and softer materials. Use the largest metalcutting-pulley cone (118 ft/min blade speed) for sawing heavy sections of steel; use the other two cones (167- and 221 ft/min speeds, respectively) for progressively easier-cutting metals. Better too slow than too fast, when metal cutting. *Never* use a woodcutting blade and/or speed set-up for sawing metal.

2. Be certain you have installed the right blade (wood- or metalcutting) and the right blade guards (fibre or metal) — and that both the V-belt and the gear-shift plate are correctly positioned for each job.

3. Adjust the upper blade guide assembly to clear the top of your workpiece by *no more than* 1/4-in. to obtain proper blade support.

4. Use both hands to feed work. Do *not* force a cut; use gentle pressure so that blade runs freely. For quick stopping after a cut, *turn power off* then apply the foot brake.

5. Do *not* try to cut too tight a curve. Minimum curves are:

Blade Width	Curve
1/8-in.	1/2-in.
1/4-in.	1-1/2-in.
3/8-in.	2-in.
1/2-in.	2-1/2-in.
5/8-in.	3-in.
3/4-in.	3-1/2-in.

RECOMMENDED ACCESSORY

For straight-line sawing obtain a *Rip Fence* no. BS-189.

maintenance and lubrication

WHEEL TIRES

Pitch and sawdust should be removed from tires with a stiff brush or scraper — *never* use a solvent. If a tire must be replaced, clean wheel rim thoroughly with benzine or coal oil. Carefully stretch new tire around rim and center it. Use a 1/2-in. diameter dowel; insert between tire and rim, then roll it completely around rim while applying cement generously to rim and underside of tire. Let dry at least 38 hours, then clean off excess cement before using.

FOOT-BRAKE SHOE

The shoe that contacts the lower wheel to effect braking is an adjustable/replaceable nylon cylinder. To adjust or replace loosen the 1/4-20 setscrew in the metal shoe holder.

MAINTENANCE

Keep your tool clean. Frequently remove sawdust from inside and blow sawdust out from motor. Clean table, guides, guide roller and blade with Craftsman Gum and Pitch Remover. Keep table top coated with thin layer of furniture wax so that workpieces slide easily.

LUBRICATION
(See Repair Parts Illustration, Fig. 1)

1. Check metal-cutting gear box (fig. 2) approximately each 3000 hours of operation. Remove the cover. If grease is gritty, flush with kerosene until clean, then refill with 1 lb. of good grade S.A.E. 140 bearing grease — and replace cover.

2. Approximately every 1000 hours of operation, lubricate the upper wheel (at Alemite fitting (key 6) with axle grease; lubricate lower wheel (at oil cup, key 63) with S.A.E. 30 oil; and use same oil to lubricate bearings (key 32) of the two (upper and lower) guide rollers.

repair parts

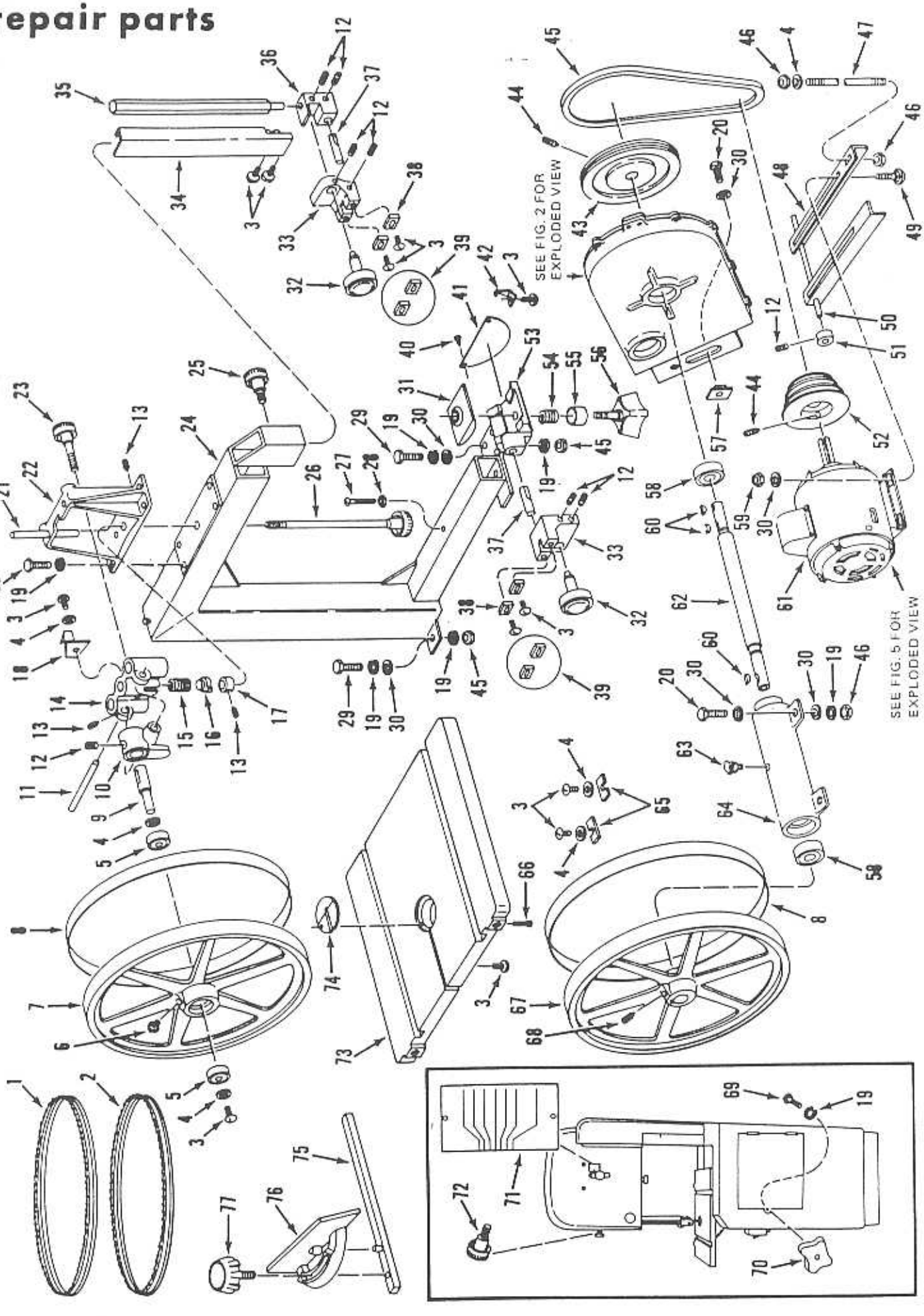


FIGURE 1

FIGURE 1

Key No.	Part No.	Description
1	B-38	Saw Blade, 3/8" x 11' (for wood)
2	M-108	Saw Blade, 1/4" x 11' (for metal)
3	B-51	*Screw, Set, 1/4-20 x 1/2 Rd. Hd.
4	B-61	*Washer, 1/2
5	B-32	Bearing, Ball
6	B-40	Fitting, 1/8 Alemite
7	B-1	Wheel, Upper
8	B-39	Band, Rubber Wheel
9	B-18	Shaft, Upper Wheel
10	B-8	Support, Wheel Pivot
11	B-19	Pin, Hinge
12	B-49	*Screw, Set, 3/8-16 x 3/8 Soc. Hd.
13	B-50	*Screw, Set, 1/4-20 x 1/4 Soc. Hd.
14	B-7	Casting, Wheel Slide
15	B-36	Spring
16	B-9	Nut, Tension
17	B-47	*Collar, 1/2"
18	B-208	Pointer
19	B-66	*Lockwasher, 3/8"
20	B-54	*Bolt, 3/8-16 x 1-1/4 Hex. Hd.
21	M-28	Bar, Slide
22	B-74	Frame, Wheel Slide
23	B-15	Knob, Wheel Tilt Adjusting
24	M-3	Frame
25	B-14	Knob, Adjusting Bar
26	B-12	Knob, Blade Tensioning (w/Stud)
27	B-58	*Screw, 1/4-20 x 1-3/4 Rd. Hd.
28	B-69	*Nut, 1/4-20
29	B-56	*Bolt, 3/8-16 x 1-3/4 Hex. Hd.
30	B-68	†*Washer, 3/8"
31	B-5	Nut, Clamping
32	BS-187	Saw Guide Assy.
33	B-10	Bracket, Saw Guide
34	B-33	Guard, Blade
35	B-20	Bar, Adjusting
36	B-11	Block, Adjusting Bar
37	B-27	Shaft, Guide Bracket
38	B-34	Guide, Blade – Wood-Cutting
39	M-107	Guide, Blade – Metal-Cutting

Key No.	Part No.	Description
40	B-70	*Screw, No. 8 Drive
41	B-43	Scale, Table Tilt
42	B-52	Pointer, Table Tilt
43	B-16	Pulley, Wood Cutting
44	B-114	Screw, Set, 5/16-18 x 1/2 Soc. Hd.
45	9-1646	*Belt, V – 1/2" x 46"
46	B-120	Nut, Jam, 1/2-13 Heavy Hex.
47	B-22	Rod, Motor Adjusting
48	B-29	Bracket, Motor Mounting
49	B-115	†*Bolt, Carriage 5/16-18 x 3/4
50	B-116	Rod, Mounting Bracket
51	B-30	*Collar, 3/8"
52	M-111	Pulley, 4 Step
53	B-75	Casting, Table Tilt
54	B-37	Spring
55	B-48	Bushing
56	B-13	Knob, Table Tilt Locking
57	M-99	Nut, Special Lock
58	B-31	Bearing, Ball
59	B-121	†Nut, Jam, 5/16-18 Heavy Hex.
60	B-72	*Key, No. 9 Woodruff
61	B-117	†Motor,
62	M-21	Shaft, Jack
63	B-53	Oiler
64	M-23	Housing, Jack Shaft
65	B-42	Cleaner, Blade
66	B-122	Screw, 10-32 x 5/8 Rd. Hd. Mach.
67	B-2	Wheel, Lower
68	B-71	*Screw, Set, 3/8-16 x 3/4 Soc. Hd.
69	B-119	Screw, Hex. Hd.
70	B-67	Knob, Bottom Rear Door
71	B-118	Scale
72	B-46	Knob, Upper Door
73	M-4	Table
74	M-35	Insert, Table
75	M-17	Bar, Miter Gauge
76	B-6	Head, Miter Gauge
77	B-41	Knob, Miter Gauge

*Standard Hardware Item – May be Purchased Locally.

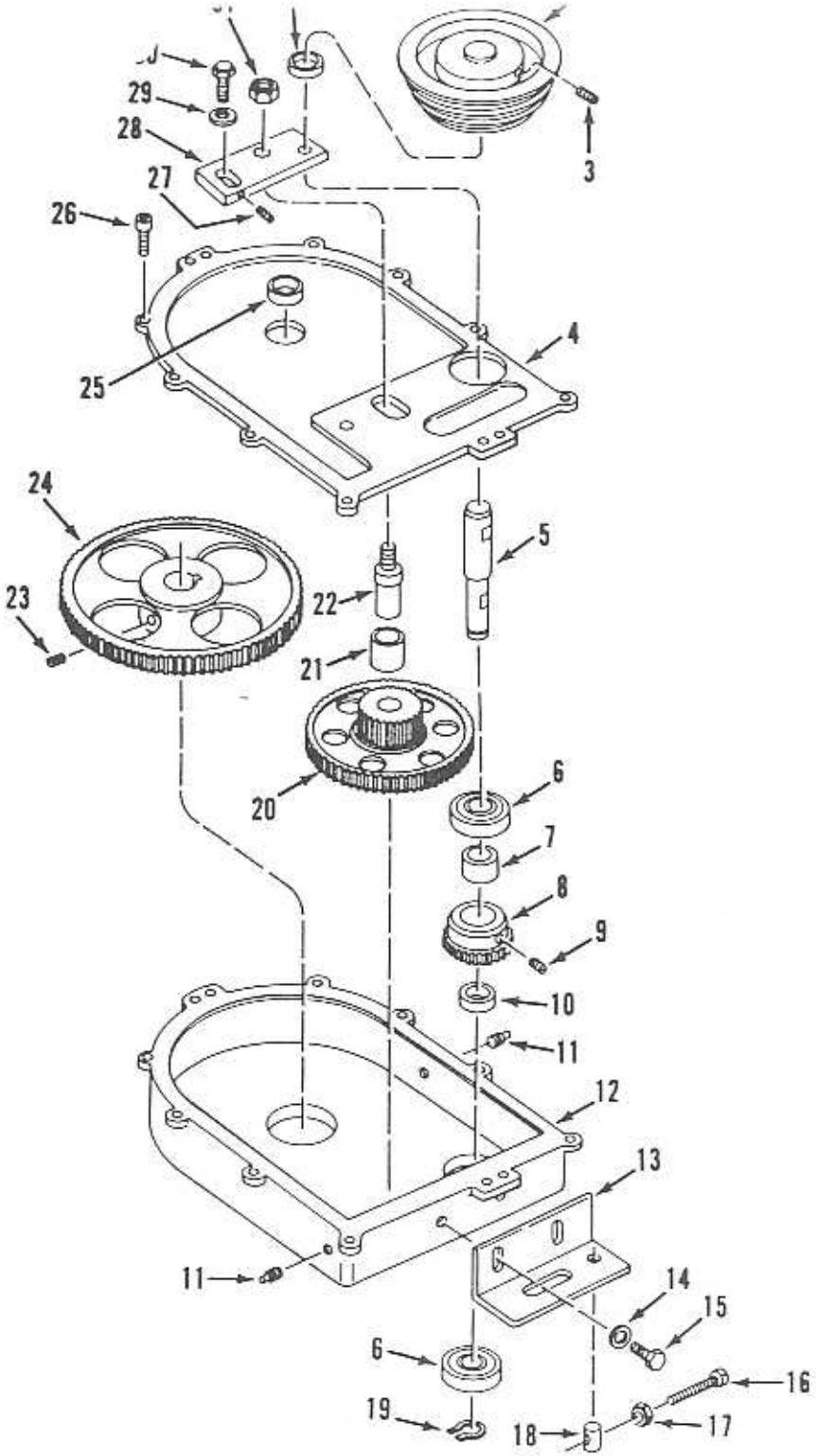


FIGURE 2 GEAR BOX ASSEMBLY

Key No.	Part No.	Description
1	M-83	Bushing, Bronze
2	M-82	Pulley, 3-Step Metal-Cutting
3	M-90	*Screw, Set, 5/16-18 x 1/2 Soc. Hd.
4	M-79	Cover, Gear Box
5	M-91	Shaft, Driven Pulley
6	M-94	Bearing, Roller
7	M-95	*Sleeve, Long, 1" O.D. x 7/16"
8	M-96	Gear, Drive
9	M-97	*Screw, Set, 3/8-16 x 1/4 Soc. Hd.
10	M-98	*Sleeve, Long, 1" O.D. x 3/16"
11	M-100	*Plug, Pipe 1/4"
12	M-106	Box, Gear
13	M-101	Bracket, Gear Box
14	M-102	*Washer, 5/16"
15	M-103	*Bolt, 5/16-18 x 5/8 Hex. Hd.
16	M-104	Pin, Gear Box Adj. Screw
17	B-69	Nut, Jam Heavy Hex. 1/4-20
18	M-85	Plug, Adjusting Pin
19	M-112	Ring, 3100-59
20	M-93	Gear, Planetary
21	M-110	Bushing, Bronze
22	M-92	Shaft, Drive Gear
23	B-71	*Screw, Set, 3/8-16 x 3/4 Soc. Hd.
24	M-86	Gear, Driven
25	M-78	Seal
26	M-113	Screw, 1/4-20 x 1/2 Soc. Hd. Cap
27	M-88	*Screw, Set, 1/4-20 x 1/2 Soc. Hd.
28	M-87	Plate, Gear Shift
29	B-68	Washer, 3/8"
30	M-85	*Bolt, 3/8-16 x 1 Hex. Hd.
31	M-84	*Nut, Jam 1/2-13

*Standard Hardware Item – May be Purchased Locally.

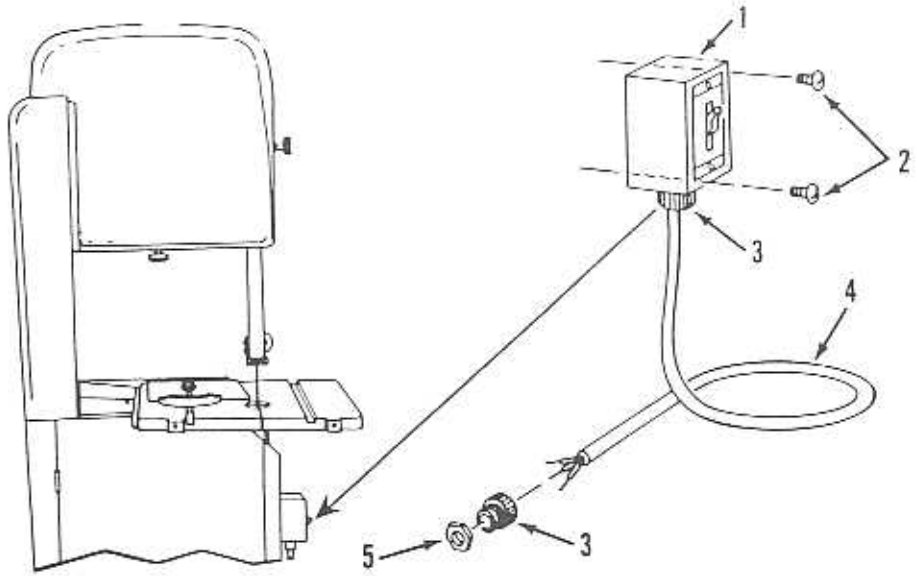


FIGURE 3 SWITCH ASSEMBLY

Key No.	Part No.	Description
1	B-123	Switch 220V
2	B-124	*Screw, 1/4-20 x 1/2 Rd. Hd. Mach.
3	B-125	Grip, Cord
4	B-126	Cable, 3 Wire
5	B-127	Nut, Lock

*Standard Hardware Item – May be Purchased Locally.

PARTS LIST FOR WOOD- AND METALCUTTING BAND SAW

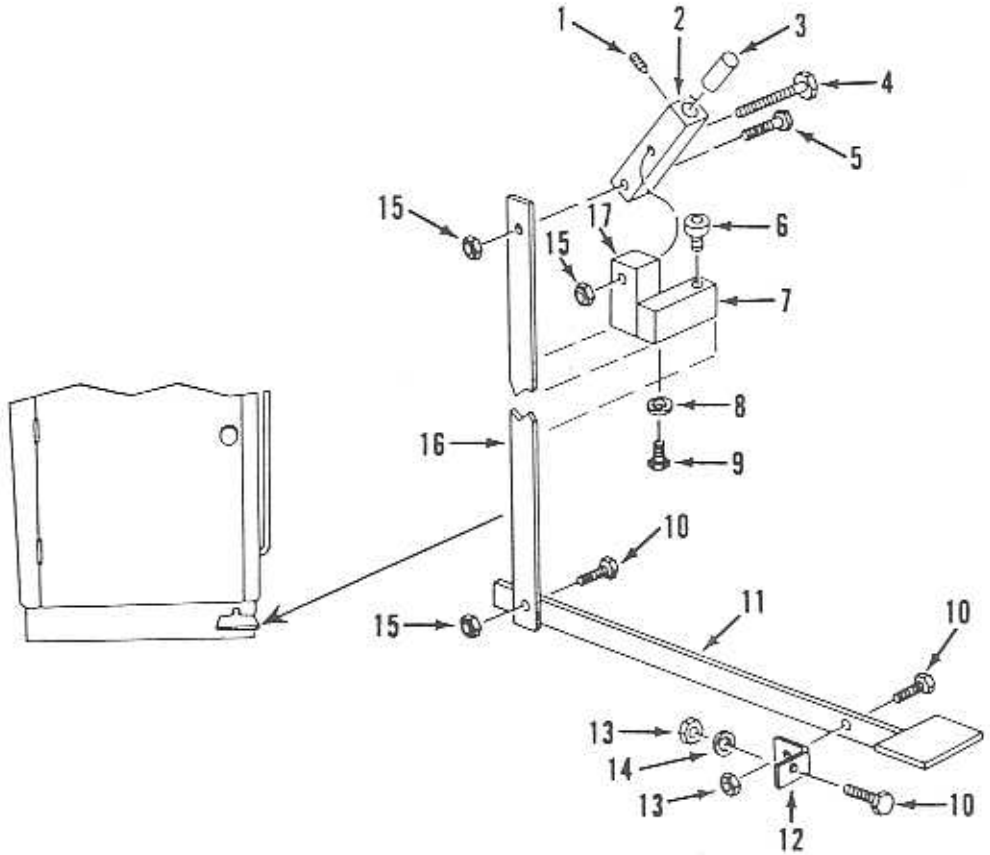


FIGURE 4 FOOT PEDAL BRAKE ASSEMBLY

Key No.	Part No.	Description
1	B-128	*Screw, Set, 1/4-20 x 1/4 Soc. Hd.
2	B-129	Arm, Brace
3	B-130	Contact, Brake Adj. Nylon
4	B-131	*Screw, Cap, 5/16-18 x 2-1/4 Hex. Hd.
5	B-132	*Screw, Cap, 5/16-18 x 1 Hex. Hd.
6	B-133	*Screw, Cap, 1/4-20 x 3/4 Soc. Hd.
7	B-134	Block, Stop
8	B-135	*Washer, 5/16" Flat
9	B-136	*Screw, Cap, 5/16-18 x 5/8 Hex. Hd.
10	B-137	*Screw, Cap, 3/8-16 x 1 Hex. Hd.
11	B-138	Assy. Unit, Welded
12	B-139	Angle, 2 x 2 x 1/4 Foot Pedal
13	B-142	Nut, Jam, 3/8-16 Heavy Hex.
14	B-141	*Washer, 3/8" Flat
15	B-140	Nut, Stp, 5/16-18 Elastic
16	B 143	Shaft, 3/4 x 1/2 Vertical Control
17	B-144	Bracket, Pivot

*Standard Hardware Item – May be Purchased Locally.