

INSTRUCTION MANUAL

L-80 Belt Sander (240V) 150mm Belt Width



L112

HARE & FORBES

MACHINERYHOUSE

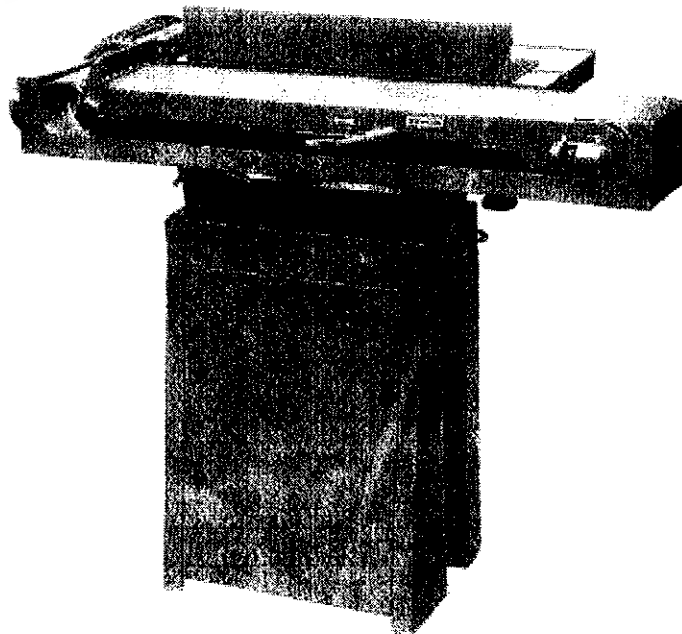
Established 1930

Distributors of new & used workshop Equipment

L112 L-80 BELT SANDER BIG BOY-80
MARCH 2002

BIG BOY 80

Horizontal/Vertical Sanding Machine



WARNING

For Your Own Safety Read instruction Manual Before Operating Sander.

1. Wear eye protection.
2. Support workpiece with backstop or worktable.
1. KEEP GUARDS IN PLACE and in working order.
2. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
3. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
4. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
5. KEEP CHILDREN AWAY. All visitors should be kept safe distance from work area.
6. MAKE WORKSHOP KID PROOF with padlocks, master switches, or by removing starter keys.
7. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
8. USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.
9. WEAR PROPER APPAREL. Wear no loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair. Exception: The reference to gloves may be omitted from the instructions for a grinder.
10. ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
11. SECURE WORK. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.
12. DON'T OVERREACH. Keep proper footing and balance at all times.
13. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
14. DISCONNECT TOOLS before servicing; when changing accessories, such as blades, bits, cutters, and the like.
15. REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in off position before plugging in.
16. USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.
17. NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
18. CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
19. DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
20. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.

A. GROUNDING INSTRUCTIONS

1. All grounded, cord-connected tools: in the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having 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 qualified electrician. Improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green 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 qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug. Repair or replace damage or worn cord immediately.
2. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating less than 150 volts.
This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Sketch A in Figure. The tool has a grounding plug that looks like the plug illustrated in Sketch A in Figure.
A temporary adapter, which looks like the adapter illustrated in Sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in Sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, plug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.
3. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating between 150-250 volts, inclusive:
This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Sketch D in Figure. The tool has a grounding plug that looks like the plug illustrated in Sketch D in Figure.
Make sure the tool is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this tool. If the tool must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the tool should comply with all local code and ordinances.

GROUNDING METHODS

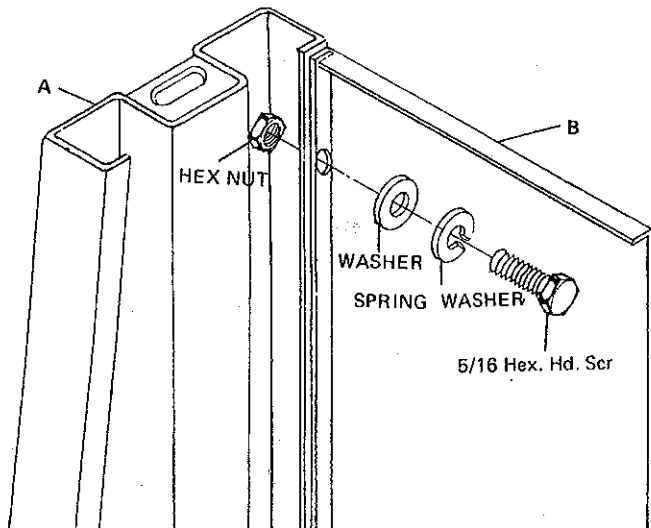
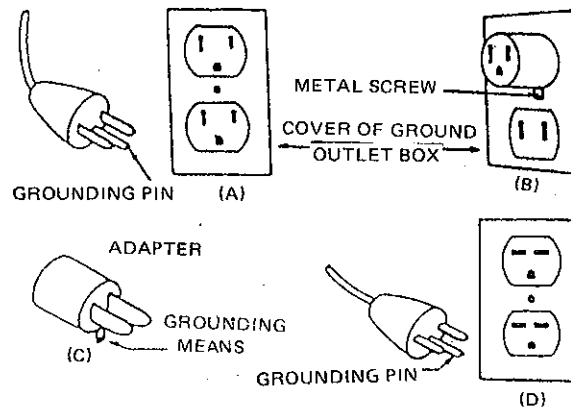


Fig: 1

The way to change sand band.



Fig: 3

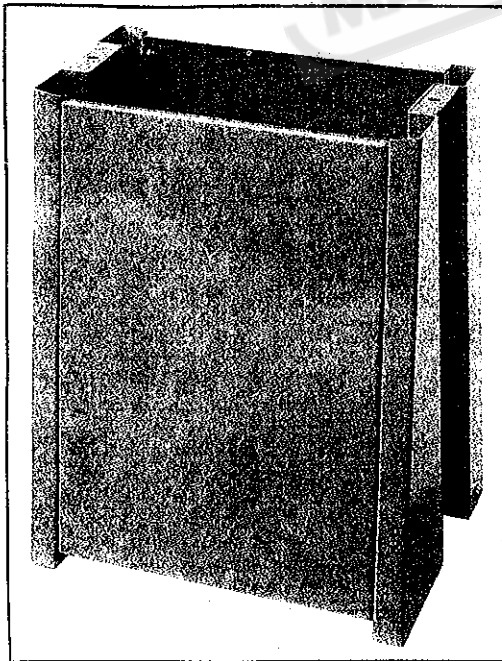


Fig: 2

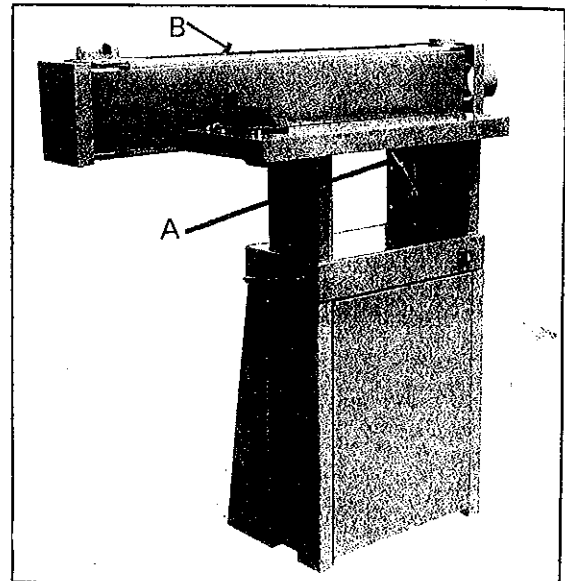


Fig: 4

1. SANDING TABLE CAN BE ADJUSTED 90° - 180°, SEE FIG. 4
 2. ADJUST CLAMP HANDLE (B) AT DESIRED TO CHANGE NEW BELT. SEE FIG. 4
 3. LOOSEN ANGLE LOCK KNOB (A) TO SET AND TIGHTEN THE ANGLE
1. STAND ASSEMBLY : CLAMP PART(A) AND PART(B) BY HEX NUT, WASHER, SPRING WASHER AND SCREW. SEE. FIG. 1
 2. STAND ASSEMBLY, SEE FIG. 2

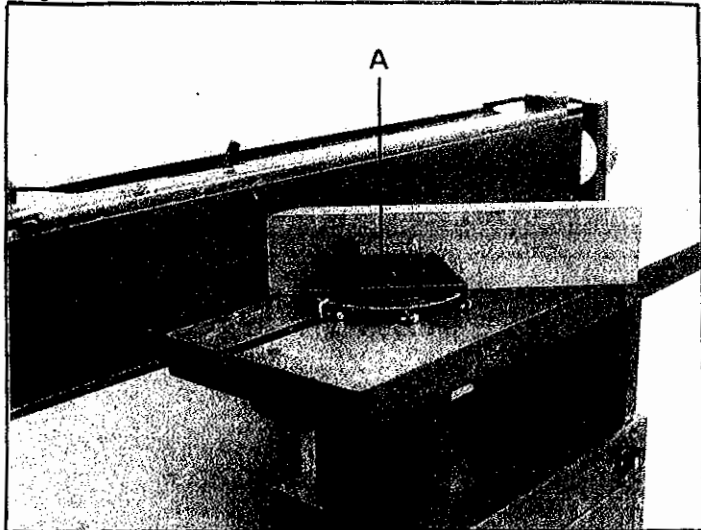


Fig: 5

1. MITER GAUGE (A) CAN BE ADJUSTED $45^{\circ} - 90^{\circ}$ AND CLAMPED BY HEX. HANDLE (B), SEE FIG. 5
2. ADJUST MITER GAUGE (A) TO GET REQUIRED ANGLE GAUGE.

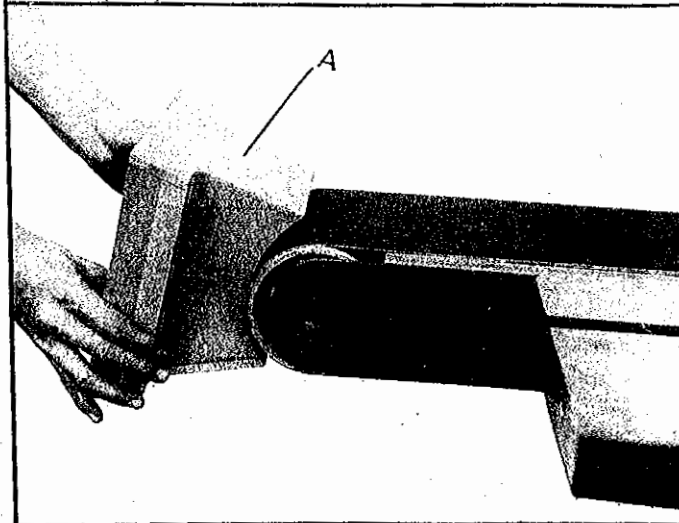


Fig: 7

FOR CONTOUR SANDING
SEE FIG. 7

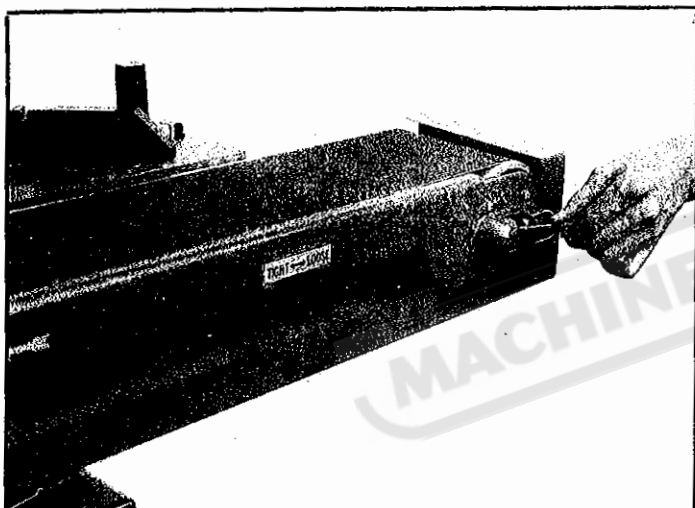


Fig: 6

ADJUST ROLLER TO TRACK BELT
SEE FIG. 6

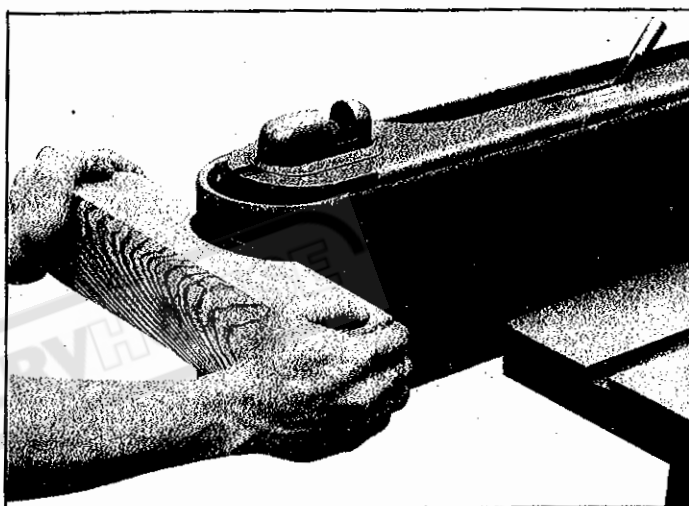


Fig: 7A

FOR CONTOUR SANDING
SEE FIG. 7

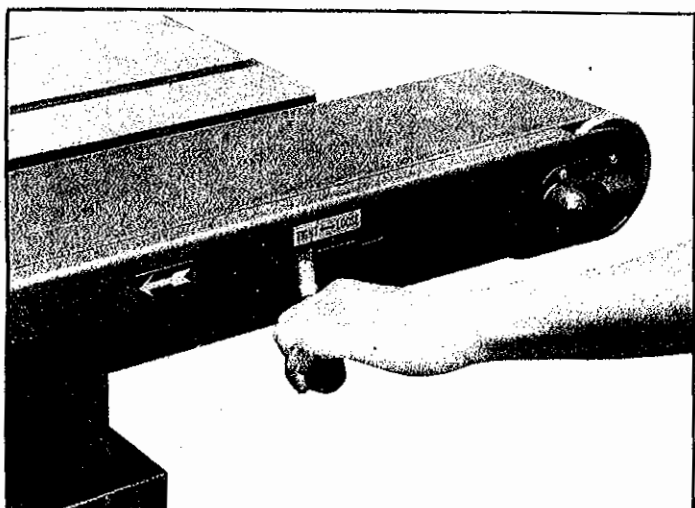


Fig: 6A

ADJUST ROLLER TO TRACK BELT
SEE FIG. 6

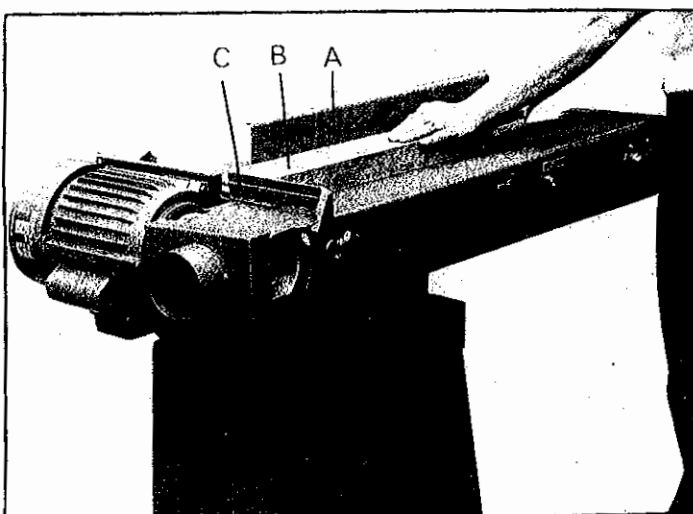
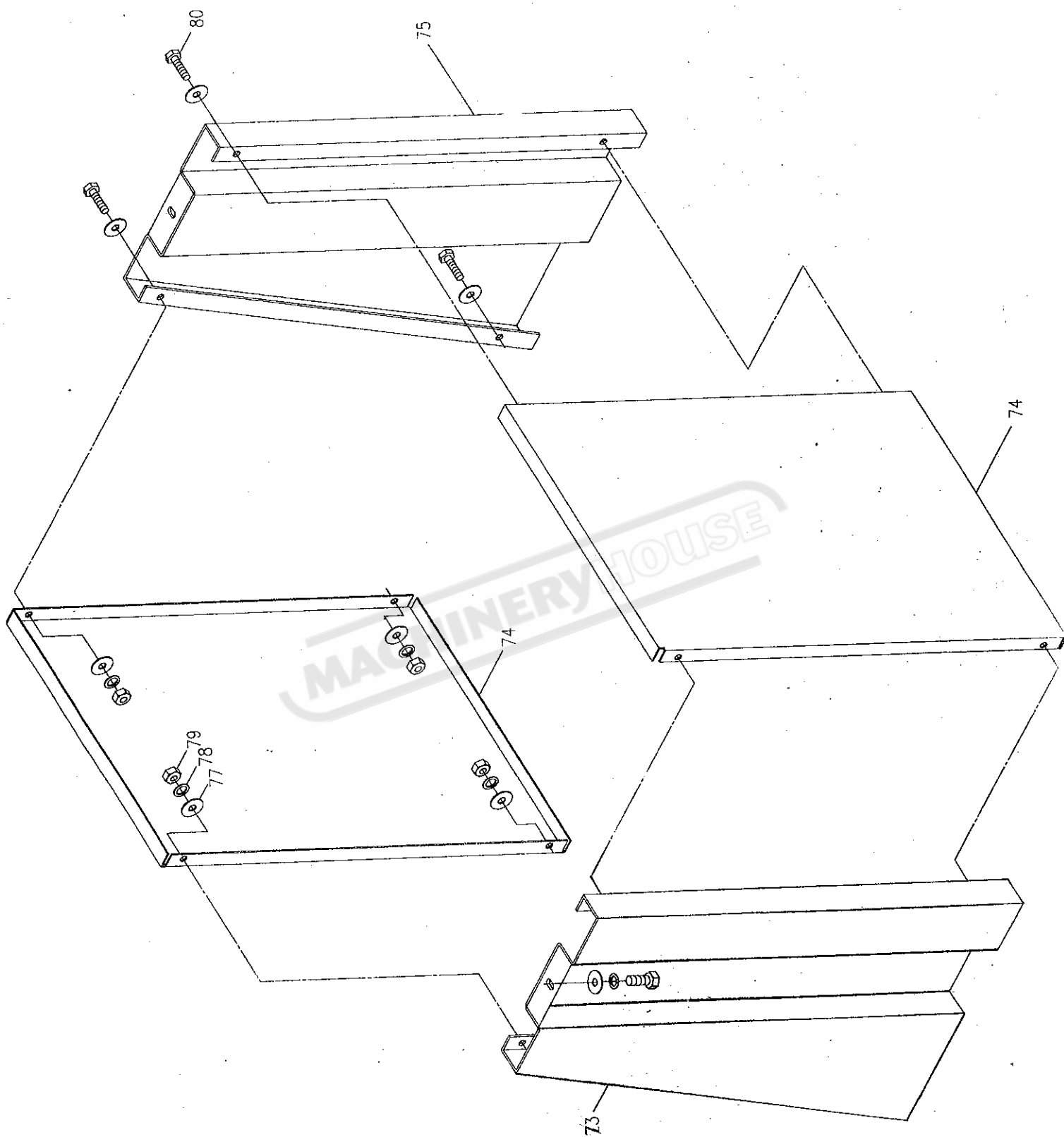


Fig: 8

1. MOUNT LOCATING PLATE (A) FOR FLAT SANDING.
2. ADJUST KNOB TO CLAMP BRACKET (C) FOR SECURING JOB. SEE FIG. 8
3. ANGLE LOCK KNOB (A) TO SET ANGLE AT CERTAIN POSITION.





BIG BOY 80

Ref No.	Description	Part No.	Q'ty
BOY80-1	Base	20101001	1
BOY80-2	Switch	20101002	1
BOY80-3	Switch Panel	20101003	1
BOY80-3A	Switch Protection Box	20101004	1
BOY80-4	3/16"-24X1 1/2" Phillips Pan Hd. Scr.	S0030324	3
BOY80-5	3/16" Gear Washer	S0220300	2
BOY80-6	3/16"-24UNC Nut	S0110300	5
BOY80-7	Nylon Clamper	S1017W-2	2
BOY80-8	Work Table Bracket	20101005	1
BOY80-9	Regulating Collar	20101006	1
BOY80-10	Cam Eccentric	20101007	1
BOY80-10 A	3/8"-16 Nut	S0110600	1
BOY80-11	Pin	20101008	1
BOY80-12	Handknob	20101009	1
BOY80-13	Hand Knob	20101010	1
BOY80-14	Key	S0400525	1
BOY80-15	1/4"-20Hex. Hd Scr.	S0020401	1
BOY80-16	Washer	S0210400	1
BOY80-17	Table	20101011	1
BOY80-17A	5/16"-18 Hex. Hd. Scr.	S0020500	4
BOY80-17a	Extension Platform	201010111	1
BOY80-17b	Extension Platform Suppot	201010112	1
BOY80-18	3/8"-16 Screw	20101012	2
BOY80-19	M10 X1.5 Her. Nut	S0111000M	2
BOY80-19 A	Spring Washer	S0210600	2
BOY80-20	Guide Block	20101013	1
BOY80-21	Fence	20101014	1
BOY80-22	M8-1.5X12m/m Knob	20101015	2
BOY80-23	Motor Roller	20101016	1
BOY80-24	Guide Bar	20102017	1
BOY80-25	Roll Pin	S0310306	1
BOY80-26	1/4"-20 x 1/4" Soc. Set Scr.	S0050404	1
BOY80-27	Locating Plate	20101028	1
BOY80-28	Pointer	20101019	1
BOY80-28A	Locating Block	20101020	1
BOY80-29	Sanding Belt	20101021	1
BOY80-30	Miter gage body	10104046	1
BOY80-31	5/32"-32 Rd. Hd. Scr.	S0030108	3
BOY80-32	5/32"-32 Her. Nut	S0110100	3
BOY80-33	Hand Knob	10104045	1
BOY80-34	Table	20101022	1
BOY80-34A	Sanding Cloth Platform	20101045	1
BOY80-35	Tension bar	20103023	1
BOY80-36	Knob	20101024	1
BOY80-36 A	1/4"x5/8"x20 UNC Knob	60105011	1
BOY80-37A	Pin	S0310640	1
BOY80-38	Spring	20103025	1
BOY80-39	Partition Ring	20101055	1
BOY80-40	5/16-18 X5/16" Hex. Hd. Scr.	S0020510	1
BOY80-40A	Lifting Guide Pipe	20101050	1

[illegible]

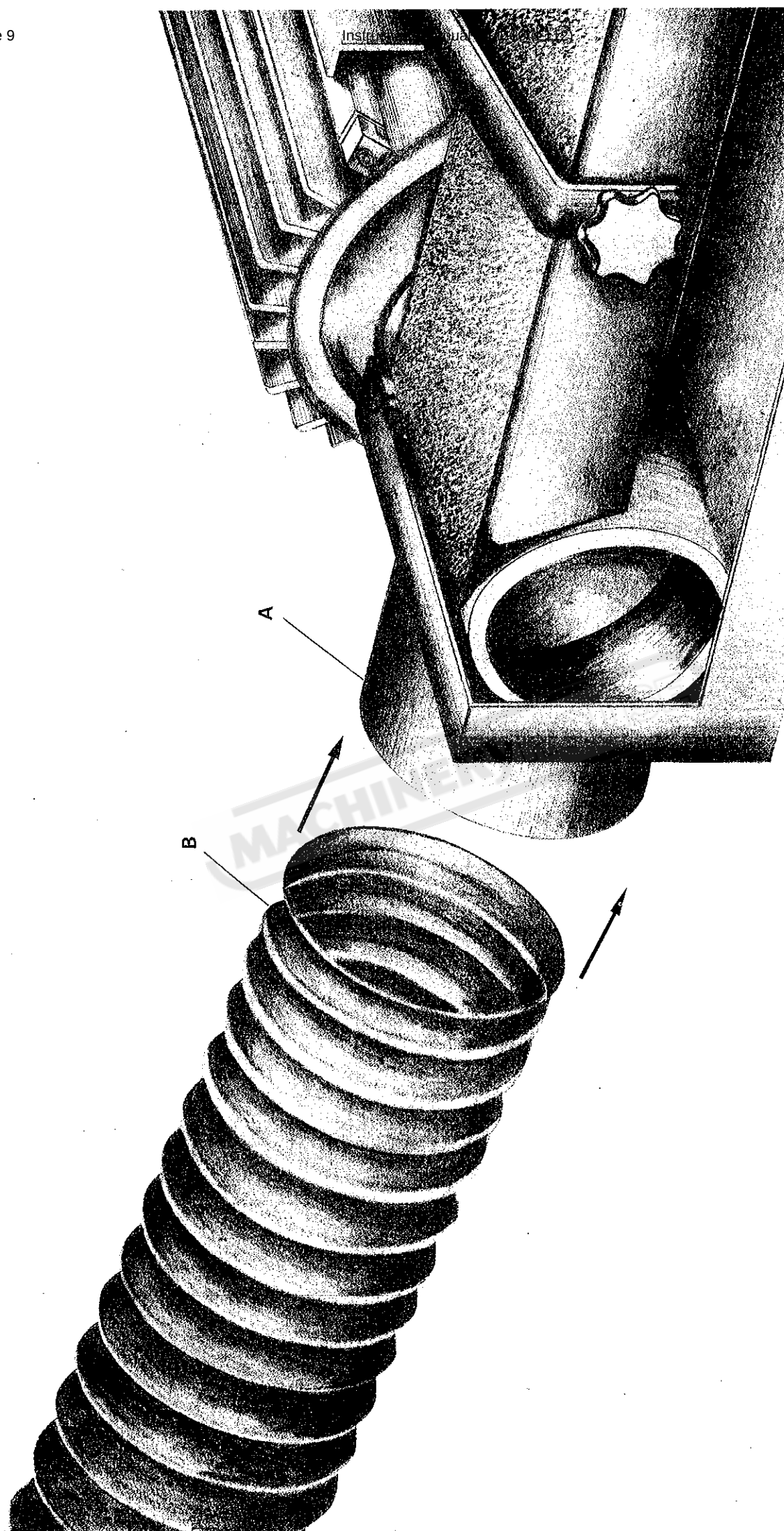


Fig: 9

MAKE SURE DUST HOOD (A) AND HOSE (B)
ARE CLAMPED.

PLANT SAFETY PROGRAMME

NEW MACHINERY HAZARD IDENTIFICATION, ASSESSMENT & CONTROL

Stock Code: L112Description: Belt Sander Model: L-80 Brand: HAFCO

Developed in Co-operation Between A.W.I.S.A and Australia Chamber of Manufactures
This program is based upon the Australian Worksafe Standard for Plant(NOHSC:1010-1994)

Item No.	Hazard Identification	Hazard Assessment	Risk Control Strategies (Recommended for Purchase / Buyer / User)
A	ENTANGLEMENT	HIGH	Eliminate, avoid loose clothing / Long hair etc.
C	CUTTING, STABBING, PUNCTURING	MEDIUM	Isolate power to machine prior to any checks or maintenance being carried out. Do not adjust or clean machine until the machine has fully stopped.
D	SHEARING	MEDIUM	Make sure all guards are secured shut when machine is on.
E	FRICTION	MEDIUM	Keep hands and body clear from sanding belt.
F	STRIKING	MEDIUM	Ensure belts are in good condition and at correct tension. Wear safety glasses. Stand clear of moving parts on machine. Remove all loose objects around moving parts.
H	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the machine.
O	OTHER HAZARDS, NOISE, DUST.	LOW	Wear hearing protection as required. Must be connected to a dust extraction.
Plant Safety Program to be read in conjunction with manufactures instructions			

HARE & FORBES
MACHINERYHOUSE

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Authorised and signed by: 
Safety officer:

Manager: 

Date: Mar-02