

MACHINE SET-UP

1. Familiarize yourself with the machine. Read all danger, warning, and caution statements and the Owner's Manual before operating this machine. If you or your operator cannot read English, have this manual explained fully before attempting to operate this machine.
2. Install dust bag support to the exhaust bracket (figure 1). Place opening of dust bag over dust bag support and exhaust bracket; cinch and tie securely to exhaust bracket.
3. Remove screw and abrasive retainer. Center abrasive on pad and secure with abrasive retainer and screw. (Figure 2)
4. Return machine to upright position and tilt machine back on casters until it comes to rest on the exhaust bracket. Machine will be in a reclined position. Do not allow machine to rest on pad especially after use, or compression set may take place within elastomer on pad. This will create a flat spot and bounce during use. (Figure 3)

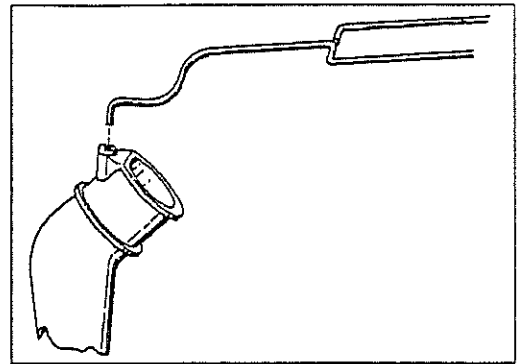


Figure 1

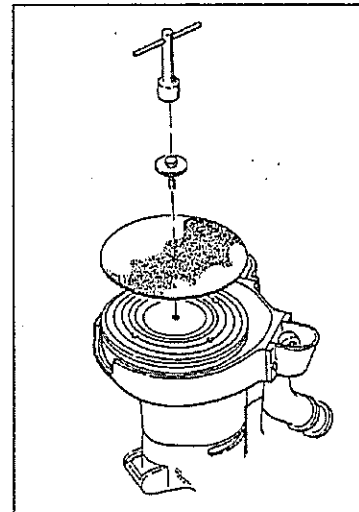


Figure 2



WARNING: Bodily injury could occur if power is applied to the machine with the power switch already in the "ON" position. Always check to assure that the power switch is in the "OFF" position before applying power to the power cable.

2. Make sure the control switch is in the "Off" position then connect the supply cable to an appropriately grounded fused circuit. For machines that are equipped with a motor pigtail, connect the supply cable to the motor pigtail. (Figure 4)
3. With the machine in the reclined position firmly grasp both handles and flip the control switch to the "ON" position. (Figure 3.)
4. Gradually lower pad to surface intended for sanding. Make sure the machine is in motion while the pad is engaged with the surface to be sanded. You may use broad circular motion as you sand along the length of the surface or you may use a combination of forward and sideward motions. In time you will develop your own technique to optimize coverage and dust recovery. It is advisable to not add effort to the pad as this may lead to "nosing in" or "tipping" which produces grooves or lines on the surface.
5. When replacing abrasive, emptying the contents of the dust bag, or sanding operation is completed, return machine to reclined position, flip control switch to "Off" then disconnect the motor pigtail from the supply cable.
6. Empty dust bag whenever it becomes 1/3 full.

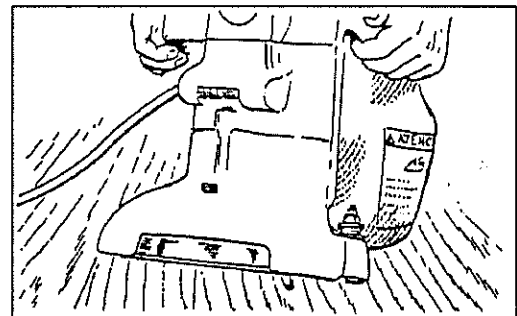


Figure 3

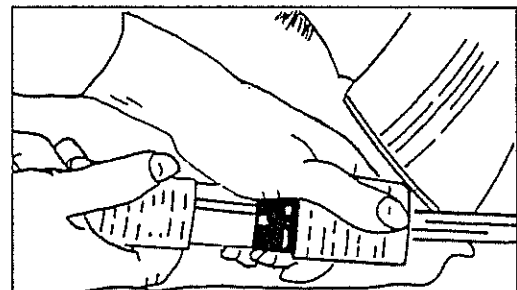


Figure 4

OPERATING INSTRUCTIONS cont.

- ⚠ DANGER:** Failure to disconnect the supply cable from machine whenever servicing, replacing abrasive, or emptying the dust bag could result in electrocution or severe injury. Never leave machine unattended while the supply cable is connected.
- ⚠ DANGER:** Never leave dust bag unattended with sanding dust in it. Sanding dust can spontaneously ignite and cause a fire or explosion. Empty dust bag into a metal container, clear of any combustibles. Do not empty content into a fire. Do not overfill dust bag.

ADJUSTMENT PROCEDURES

Leveling

To level machine: Grasp caster adjusting screw "A" with an appropriate tool (pliers ect.). Using a similar tool, loosen locknut "B" with a counter clockwise motion. (Figure 5).

Condition - Pad creates ridges on both edges or a "hop" is experienced: Rotate both adjusting screws equal amounts clockwise. Tighten locknuts and test on a piece of plywood. Repeat procedure until condition is corrected. We recommend you not exceed 1/8" rotation for each attempt.

Condition - Pad creates a ridge on the tip of the pad: Rotate both adjusting screws counter clockwise, tighten locknuts and test. Repeat procedure until condition is corrected. Use only 1/8 rotation for each attempt.

Condition - Pad creates a ridge on only one side of the pad: Either rotate the adjusting screw of the side effected clockwise or rotate the adjusting screw opposite counter-clockwise, depending on whether the ridge terminates beyond the tip of the pad or prior to it. If it is prior to the tip, adjust the side effected, otherwise adjust the opposite side.

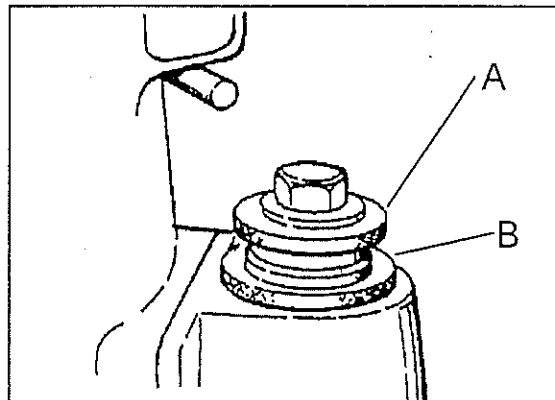


Figure 5

ROUTINE MAINTENANCE

- ⚠ CAUTION:** Failure to perform maintenance at recommended intervals may void warranty.

Carbon Brushes

Have the carbon brushes replaced at least every 500 hours and more frequently under heavy use.

Dust Bag

Periodically the dust bag should be turned inside out, shaken vigorously and machine washed in cold water to prevent pore blockage and loss of dust control.

Bearings

To insure reliable performance, have armature and pad driver bearings inspected for wear or damage after every 1500 hours. If used heavily, have the bearings replaced seasonally.

Lubrication

The machine comes fully lubricated. The gears in the gear box have enough lubrication for approximately six months of normal operation. Have the lubricant changed at least every 6 months or more frequently under heavy use.