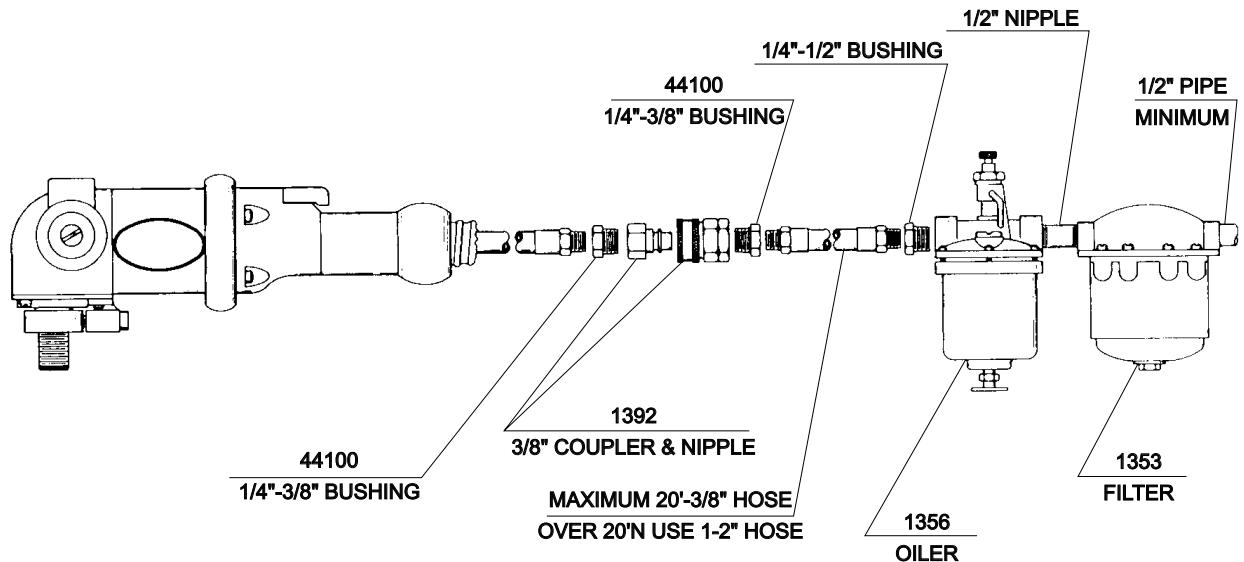




INSTRUCTIONS FOR SIOUX AIR SANDER & POLISHER NO. 1287—NO. 1238

Form No. A203
Date 3-93



AIR SUPPLY

The tool is designed to operate at approximately 90 pounds per square inch air pressure at the inlet to the 3/8 inch hose supplied with the tool. Pipe and fittings should be a minimum of 1/2 inch diameter. The above illustration gives additional information. Note that hose fittings must have inlet holes 9/32 inch or larger. The tool is designed for use with a filter and lubricator.

LUBRICATION

Fill the lubricator with Sioux No. 288 Air Motor Oil and set lubricator to 1-2 drops per minute. The gear case is filled with 1 1/8 oz. of Sioux No. 1198 Grease. After 100 hrs. of operation, pull the gear case cover by removing the 4 screws directly above the spindle and inspect for lubrication. Replace grease if necessary. Turn the spindle with the fingers before tightening the screws to make certain the gears are in mesh. Caution: Disconnect tool from air line before changing discs or pads. After 40 hrs. of use, inject 2 or 3 shots of Cat. 1198 grease through grease fitting.

PLACING TOOL IN OPERATION

Drain water from the air compressor and blow condensation from the air lines before each day's operation.

Place 20 to 30 drops of Sioux No. 288 Air Motor Oil into the 3/8 inch inlet hose before using and twice daily thereafter.

Fasten sanding, grinding, and polishing pads securely.

LOSS OF POWER

- Filter and inlet screen clogged.
- Use of fittings with too small an inlet.
- Use of an undersize hose.
- Loss of air pressure.
- Dirt in the tool.
- Tool not lubricated.
- Stuck governor.
- Worn motor parts (vaness, end plates, cylinder). Vanes worn to 13/32 inch in. depth should be replaced.

SAFETY

1. Use goggles when sanding. Use clothing which will not catch on rotating parts.
2. Be certain that sanding discs, polishing pads, and related equipment are in good shape and are securely fastened. Use proper backing pads for the size of the discs or polishing pads used.
3. Disconnect air before changing pads or discs.

SIOUXTM TOOLS INC.

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