



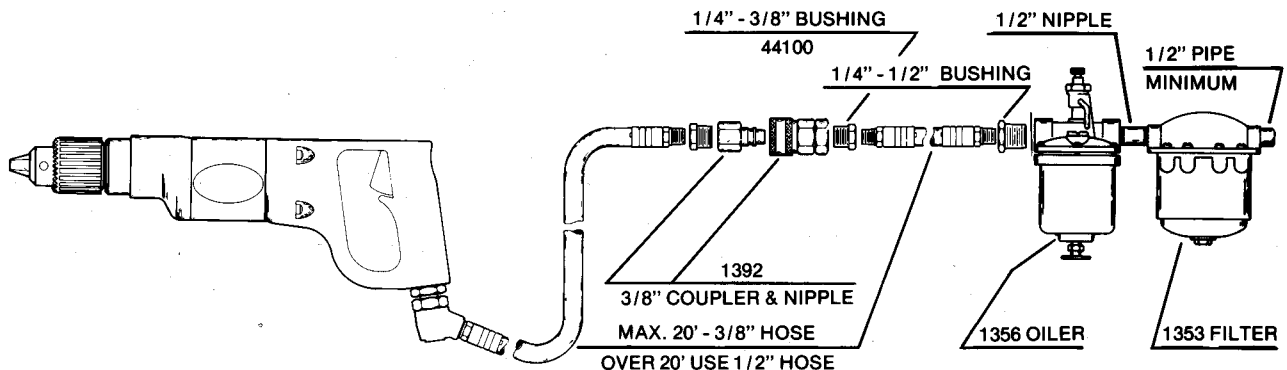
**SIoux  
TOOLS INC.**

2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■

Form A221  
Dated 11/89

## INSTRUCTIONS

**For No's. 1464, 1465, 1466, 1467  
SIoux 3/8" & 1/2" AIR DRILLS**



### AIR SUPPLY

The tool is designed to operate at approximately 90 pounds per square inch air pressure at the inlet. A 7½ h.p. compressor at 100 lbs. per sq. in. with an air tank of 60 gal. or larger is recommended. Pipe and fittings should be a minimum of ½ 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 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 ½ oz. of Sioux No. 1207 Grease. Replace grease if necessary after 100 hrs. of operation.

### 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 ⅜ inch inlet hose before using and twice daily thereafter.

### 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 (vanes, end plates, cylinder) vanes worn to 13/32 inch in depth should be replaced.