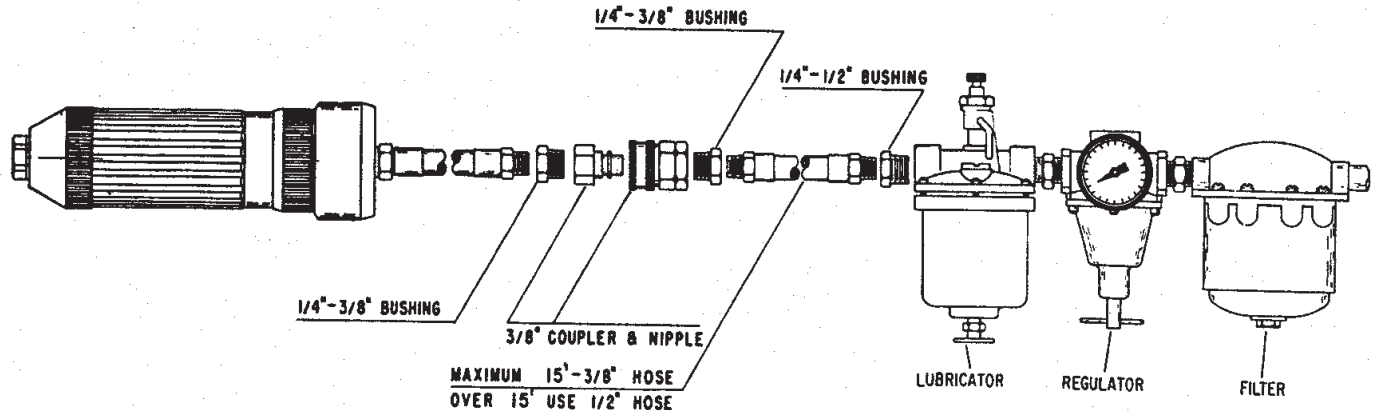




# INSTRUCTIONS FOR SIOUX NO. 1980, 1981, 1982, 1983 AIR ROUTERS, NO. 1985 AIR DIE GRINDER

Form A348B  
Date 2007 January 9/B  
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## AIR SUPPLY

These power units are designed for operation on clean, dry air at a Pressure of 90 p.s.i. Line filters, lubricators and a pressure regulator will insure that the air supply is properly conditioned.

Even the best air systems accumulate dirt and moisture over a period of time. Blowing out hoses and air lines periodically will help prolong motor life.

## HOSE

A special 3/8 I.D. hose is provided. It is more flexible than comparable rubber hoses and has a swivel fitting at the tool end. If an extremely long extension hose is required (over 25 feet), use 1/2 I.D. hose with 3/8 quick couplings.

## MOTOR LUBRICATION

An air line lubricator set to deliver 1-2 drops per minute is recommended.

## SPEED CONTROL

Speed of the tool may be adjusted by turning the slotted speed control which is accessible thru a hole in the valve operator ring.

## MAINTENANCE

To flush motor, disconnect air hose and pour petroleum solvent into the air inlet. Connect to air line and run motor, then lubricate with oil.

# SIOUX TOOLS INC.

250 SNAP-ON DRIVE ■ PO BOX 1596 ■ MURPHY, NC 28906 ■ USA ■ Phone: 800-722-7290 ■ [www.siouxtools.com](http://www.siouxtools.com)

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# INSTRUCTIONS FOR OPERATION OF 1-1/2 H.P. NO. 1980, 1981, 1982, & 1983 SIOUX ROUTERS

## OPERATION 1980,1981,1982 & 1983

Tool is turned on by rotating black knurled ring in a clockwise direction (clockwise when viewing tool from above when tool is resting on flat surface of base).

## OPERATION 1980 & 1980F

Tool is turned on by squeezing valve lever into right ball grip.

Speed of tool may be adjusted by turning slotted speed control which is accessible thru hole in knurled ring when tool is turned on. The directional exhaust may be rotated to direct the exhausted air away from operator or work area.

## DEPTH OF CUT

### 1980 & 1981

Loosen flat plastic thumb screw, turn knurled stop screw until desired length of cutter is exposed beneath base.

### 1982 & 1983

Loosen plastic thumb screw, turn large plastic ring at top of base until desired length of cutter is exposed beneath base.

## CHANGING BITS

Disconnect tool from air line. Hold collet body with one wrench and loosen collet retaining nut with other wrench, replace cutting bit and retighten collet nut. Be sure bit is inserted into collet body before tightening collet nut.

## SAFETY

1. Wear eye protection when using this machine.
2. Disconnect tool from air line when changing bits or making adjustments.
3. Always keep hands away from rotating cutter bits.
4. Always check collet to make sure cutter bits are tight.

### WARNING



Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm.

### ADVERTENCIA



El polvo generado al lijar, aserrar, afilar, taladrar y realizar otras tareas de construcción contiene sustancias químicas que podrían causar cáncer, malformaciones congénitas y otras alteraciones del aparato reproductor.

# SIOUX TOOLS INC.

This pdf incorporates the following model numbers:

1980A

1981F

1985A

RT1981

RT1982

RT1983

RT1985

1287L