



NOTE: Parts are no longer available for this tool.

The manual will continue on the next page.

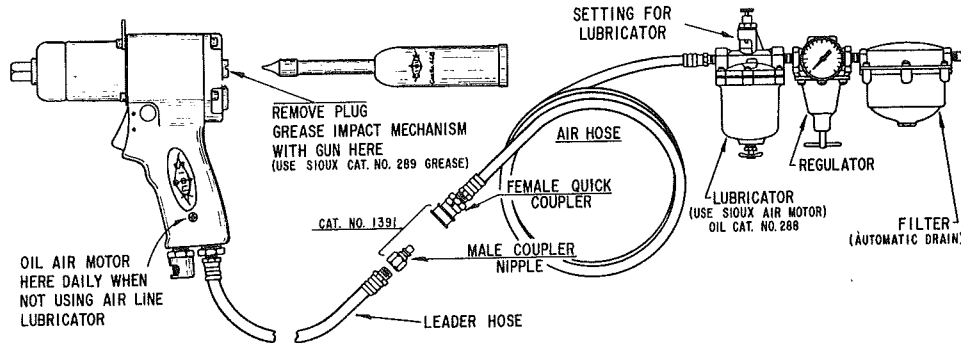


INSTRUCTIONS



Sioux Air Impact Wrench

Nos. 470, 471, 473, 474



OPERATION

Wet and dirty air will seriously affect air tool performance and life. These tools are designed to operate on 90 P.S.I. air pressure, with filters, pressure regulators, and lubricators in the air line.

Before using, and twice daily thereafter, pour a small quantity of air motor oil into the air inlet. When line lubricators are not used, fill built-in oiler twice daily.

The output control is located in the end cap of the tool and regulates the output in the right hand direction only. Each time the output control is returned to maximum the reversing valve must also be moved to its full right hand position in order for the tool to produce full power.

HOSE AND HOSE CONNECTION

Hose and hose couplings should **not** be smaller than 7/32" (5.5 MM) inside diameter, 5/16" (7.94 MM) inside diameter hose is preferable. Smaller hose and hose couplings will restrict the flow of air and reduce the power of impact wrench. If quick couplers are used do not fasten them directly to the tool, use No. 1370 6 ft. leader hose between the tool and quick couplers.

LUBRICATION

- A. The hammer case mechanism is lubricated at the factory with Sioux Special Grease Type A. Every 40 hours of operation add three to four shots of grease using grease gun packed with tool, Using Sioux Special Grease Type A, Cat. No. 289. Add grease through grease fitting at the rear of the air motor. When greasing Impact mechanism after service or when completely regreasing unit, from 1/2 to 3/4 oz. grease should be added.
- B. The Air Motor is lubricated independently from the impact mechanism. Sioux Air Motor oil is recommended for air motors. Sioux air motor oil, Cat. No. 288 is a special oil for air motors. It has the ability to adhere to the motor parts thereby increasing lubrication life and protects parts from rusting. Air line lubricators are recommended and when used set flow to deliver 2 to 3 drops of oil per minute to the Impact Wrench. When air line lubricators are not used remove socket head screw from handle and fill chamber daily.

OUTPUT CONTROL

The Output Control is located at the rear of the air motor. It is graduated from minimum to maximum. The torque is controlled in the right hand direction only. These wrenches are designed to give maximum torque output with greatest air consumption efficiency at 90 Lbs. per Sq. inch of pressure at the Impact Wrench.

LOSS OF POWER

1. Hoses or fittings too small.
2. Excessive amount of moisture in air line.
3. Loose, worn, or cracked sockets. Extension Bars reduce torque output somewhat.
4. Dirt or sludge in wrench.
5. Lack of lubrication.
6. Air compressor not of sufficient size for air tool being used.

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This pdf incorporates the following model numbers:

470, 471, 473, 474