



INSTRUCTIONS AND PARTS LIST FOR 1457ES-100 & 1457ES-106 DRILLS (SERIAL "A")

Read and understand "**Safety Instructions For Air Tools**" and these instructions before operating this tool.

AIR SUPPLY

The efficiency of the tool is dependent on the proper supply of clean dry air at 90 psig (6.2 bar). The use of a line filter, pressure regulator, and lubricator will insure maximum output and life of tools. Before connecting tool, blow out the air line to remove water and dirt which may have accumulated.

HOSE AND HOSE CONNECTIONS

Supply hose should be not less than 3/8" (10mm) I.D. Extension hoses should be at least 1/2" (13mm) I.D. Use couplings and fittings with at least 3/8" (10mm) I.D.

LUBRICATION

Use SIOUX No. 288 air motor oil. An airline lubricator, set to deliver 2 to 4 drops per minute, is recommended. If a lubricator is not used, add .04 oz. (1.2cc, 12 to 15 drops) of oil into the air inlet twice daily.

GENERAL OPERATION

This tool is equipped with a teasing throttle. By slightly depressing the trigger the chuck will rotate slowly. This is useful for starting a drill bit without first spotting with a punch. The tool will run at maximum speed when the trigger is fully depressed.

⚠ 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.**

250 SNAP-ON DRIVE ■ PO BOX 1596 ■ MURPHY, NC 28906 ■ USA ■

Printed In U.S.A.



**PARTS LIST FOR 1457ES-100 & 1457ES-106 DRILLS
(SERIAL "A")**

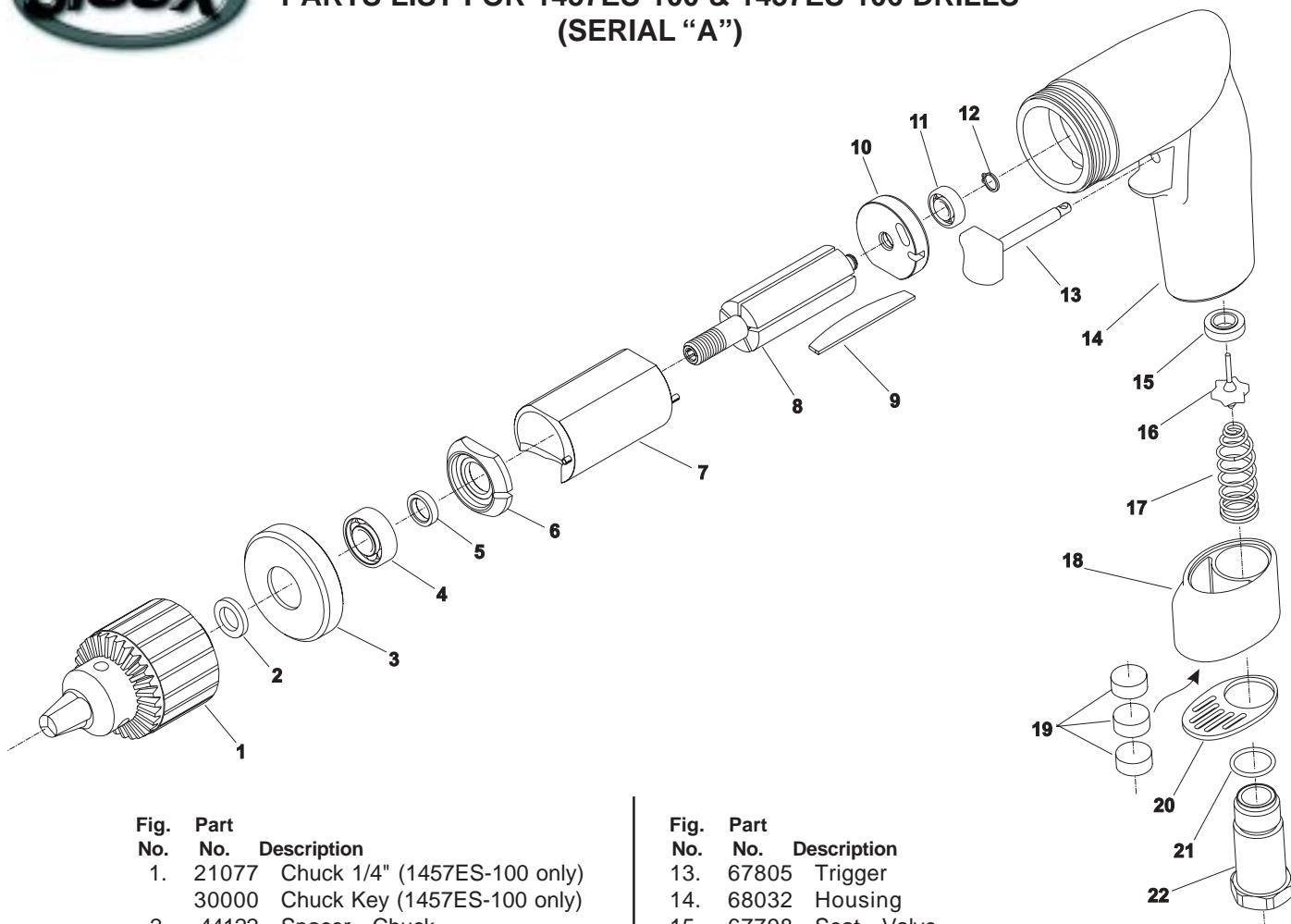


Fig. Part

No. No. Description

1. 21077 Chuck 1/4" (1457ES-100 only)
- 30000 Chuck Key (1457ES-100 only)
2. 44122 Spacer—Chuck
3. 64187 Ring—Lock
4. 10257 Bearing—Ball
5. 44488 Spacer—Rotor
6. 64059 End Plate—Front
7. 64057 Cylinder
8. 64185 Rotor
9. 63192 Ass'y—Rotor Vane (Set of 5)
10. 67803 End Plate—Rear
11. 10253 Bearing—Ball
12. 21491 Ring—Retainer

Fig. Part

No. No. Description

13. 67805 Trigger
14. 68032 Housing
15. 67798 Seat—Valve
16. 67804 Valve
17. 67828 Spring
18. 67800B Muffler
19. 67807 Silencer—Pad (3)*
20. 67801A Cap-Muffler
21. 14378 Ring—“O”
22. 67819 Adapter—Inlet (Includes Fig. 21)

Items Not Shown

30506 Wrench-3/16" hex (1457ES-100 only)

*Order Quantity As Needed

**FURNISH CATALOG, SERIAL, AND MODEL NUMBER
WHEN ORDERING PARTS**

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