

Disassembly Instructions - 0.4 hp. (Angle Head)

Important: Use these instructions along with the tool, parts page or manual. To repair the air motor and planetary reduction gears, separate the planetary adapter or gear case from the housing core. Also, view and follow the "**Disassembly Instructions - 0.4 hp. Air Motor (Straight)**", and "**Disassembly Instructions - 0.4 hp. Planetary Reduction Gears**".

Disconnect the tool from the air supply. Use the **95987**, 5/16" Wrench to hold the work spindle stationary, and remove the accessory.

Angle Head Disassembly:

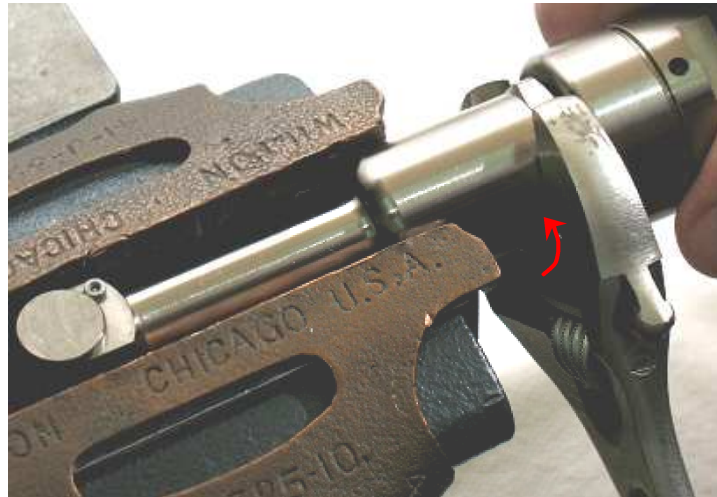
1. Fasten the wrench flats of the **54547** Angle Housing in a vise with aluminum or bronze jaws.

2. Use an adjustable wrench to loosen the **54527** Lock Ring.

LEFT HAND THREAD

Turn clockwise.

Separate the **53451** or **53454** Adapter from the **54547** Angle Housing.



3. Use a 5/8" or 16 mm hex key to remove the **54540** Retaining Nut.

LEFT HAND THREAD

Turn clockwise.



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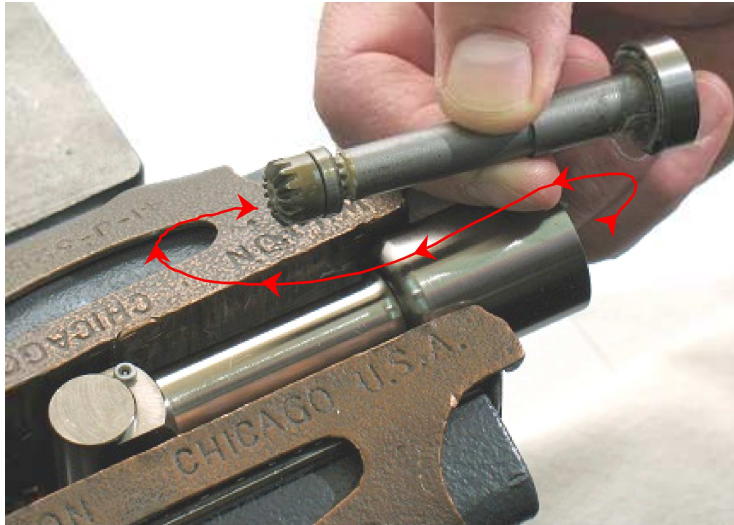
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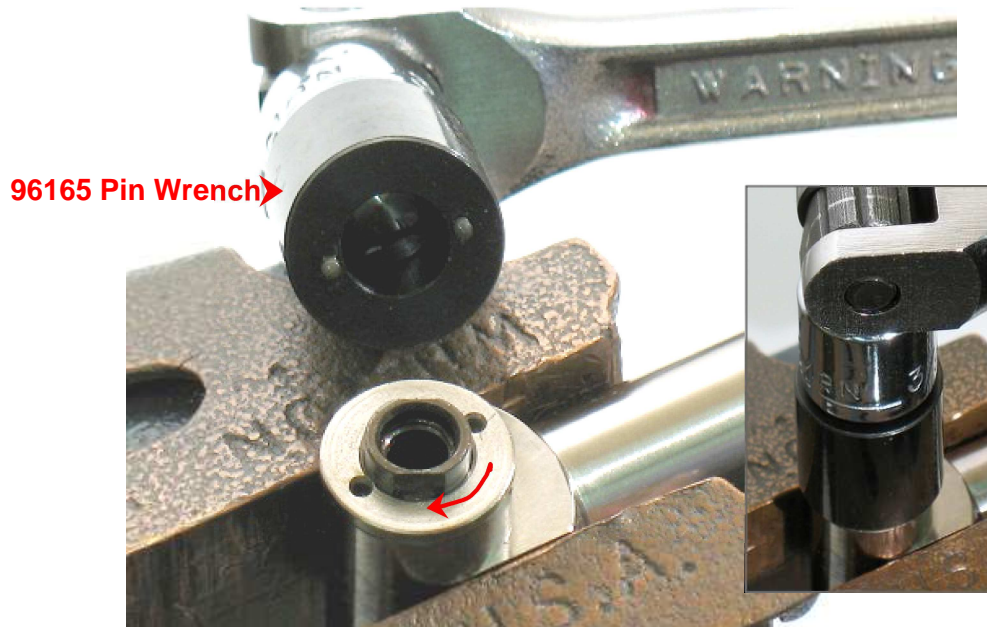
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4. Remove the **54541** Spindle and connected parts, from the **54547** Angle Housing.



5. Reposition the **54547** Angle Housing and fasten the flat sides of the housing in the vise with the **54550** Bearing Cap facing up.



6. Use the **96165** Pin Wrench to remove the bearing cap. **LEFT HAND THREAD**
Turn clockwise.

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Disassembly/Assembly Instructions

7. Remove the **54549** Work Spindle, bearings and shims.
8. Use the **96345** Bearing Separator (15/16"), a 3/16" flat-end drive punch, and the **96232** Arbor Press (#2) to remove the bearings from the **54549** Work Spindle, and the **54541** Spindle.



Angle Head Disassembly Complete.

Clean and inspect parts before assembling.

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