

Disassembly Instructions - 0.4 hp. Air Motor (7° Of fset)

(Models: 47211, 47212, 48205, 48207, 48335, 48337, 48500, 48503)

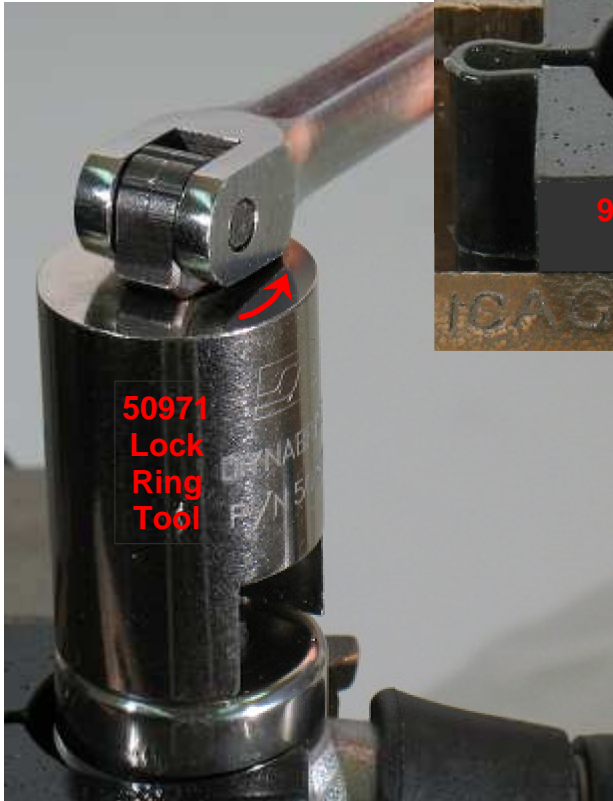
Important: Use these instructions along with the tool, parts page or manual.

Notice: To avoid damage to the motor housing, use the Special Repair Tools designed for the disassembly and assembly of this motor.

Disconnect the tool from the air supply. Use the appropriate wrenches to hold the work spindle stationary and remove the accessory.

Motor Disassembly:

1. Use the **96461** Repair Collar to hold the **01546** or **50776** Housing in a vise, with the tool spindle pointing up.
2. Use the **50971** Lock Ring Tool to remove the cover/lock nut. Turn counterclockwise.



3. **Notice:** Planetary gear models, see: "Disassembly Instructions - 0.4 hp. Planetary Reduction Gears".



4. Remove the motor from the housing.

Notice: Some models may contain a **02679** Shield.
(Remove from housing.)

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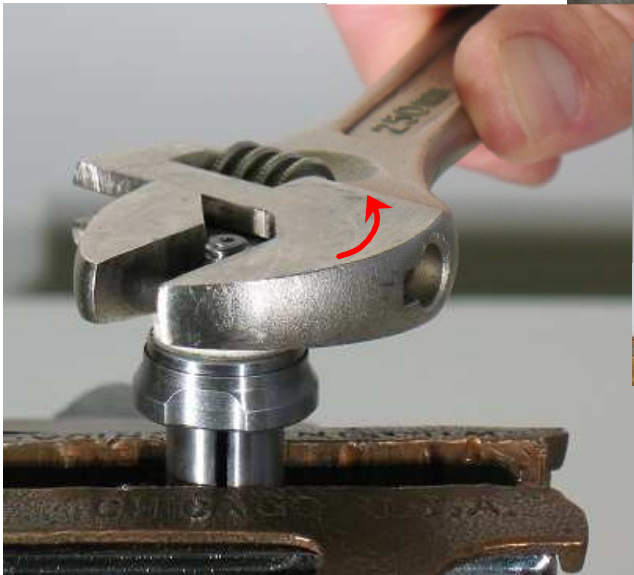
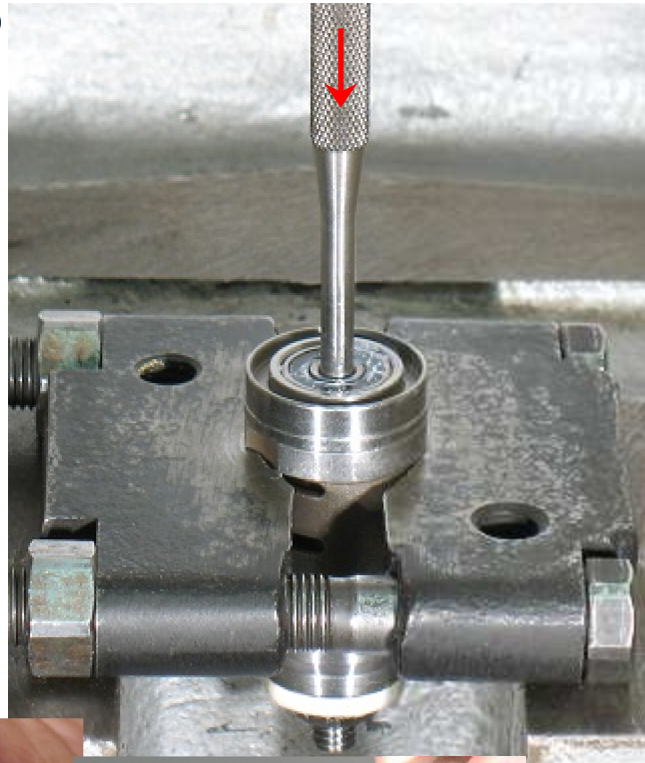
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4. Fasten the **96346** Bearing Separator (2") around the **01476** Cylinder.

Place the bearing separator and the motor in the **96232** Arbor Press (#2) with the tool spindle pointing down.

5. Use a 3/16" (4.76 mm) diameter flat-end drive punch as a press tool to push the rotor out of the **02696** Bearing.
6. Remove the cylinder and vanes.
7. By hand, use the 3/16" (4.76 mm) diameter flat-end drive punch to push the **02696** Bearing (slip-fit) out of the **02673** Rear Bearing Plate.
8. Use a wrench to remove the **50133** Adapter or **01435** Collet Body. Turn counterclockwise.



Remove the **01478** Front Bearing Plate, **02649** Bearing, shims, and **01479** Spacer.



Motor Disassembly Complete.

Important:
Clean and inspect parts before assembling.

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