

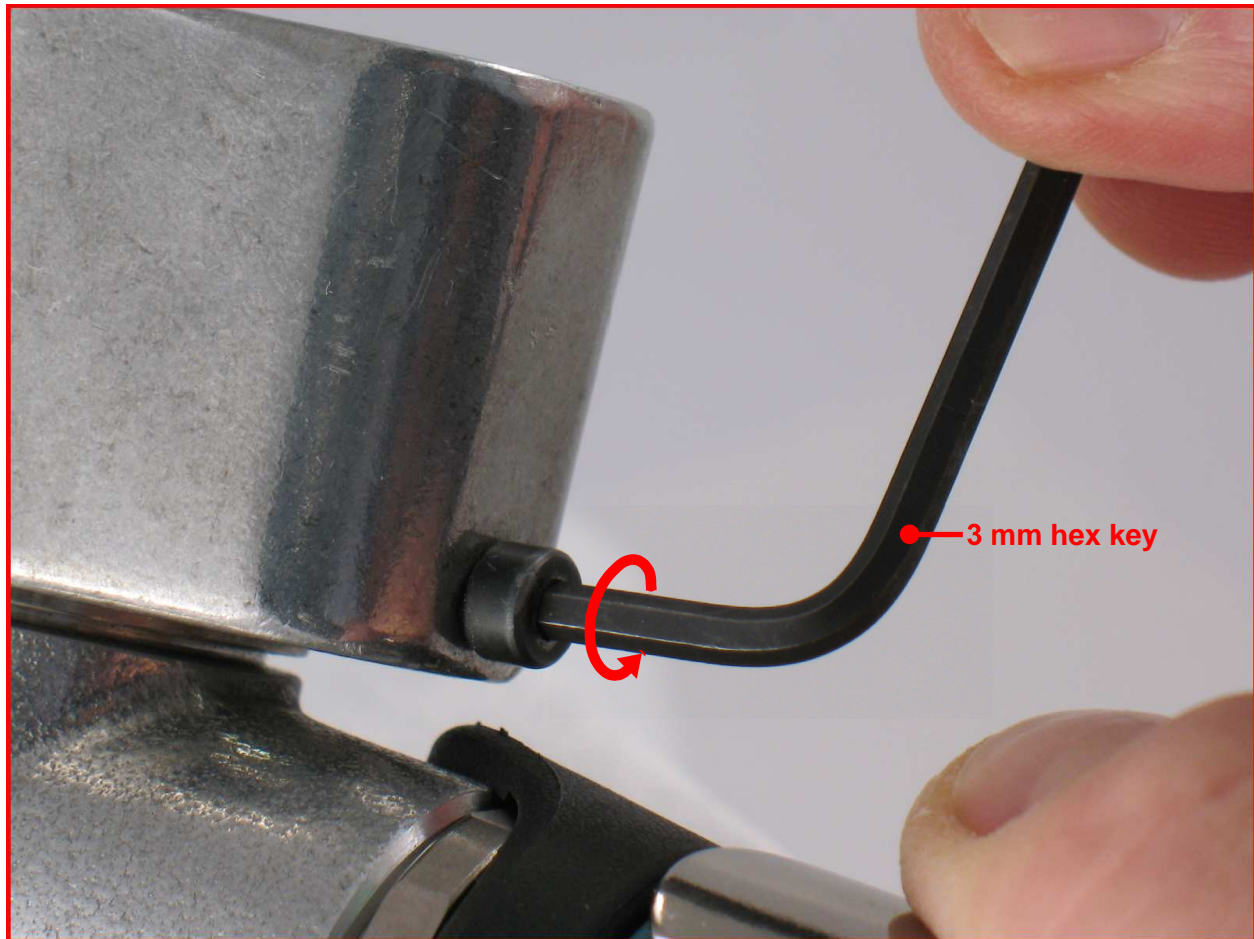
### **Disassembly Instructions - 0.4 hp. Mini-Dynaflex II**

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

**Notice:** Shut off the air supply and depress throttle lever to deplete the remaining air.

• Carefully disconnect the tool from the air supply hose. • Remove the abrasive belt and contact arm assembly. • Use the Special Repair Tools designed for the disassembly and assembly of this motor.

#### **Motor Disassembly:**



1. Use a 3 mm hex key to loosen the **01788** Motor Lock Screw. Remove the **15060** Housing Assembly from the air motor.

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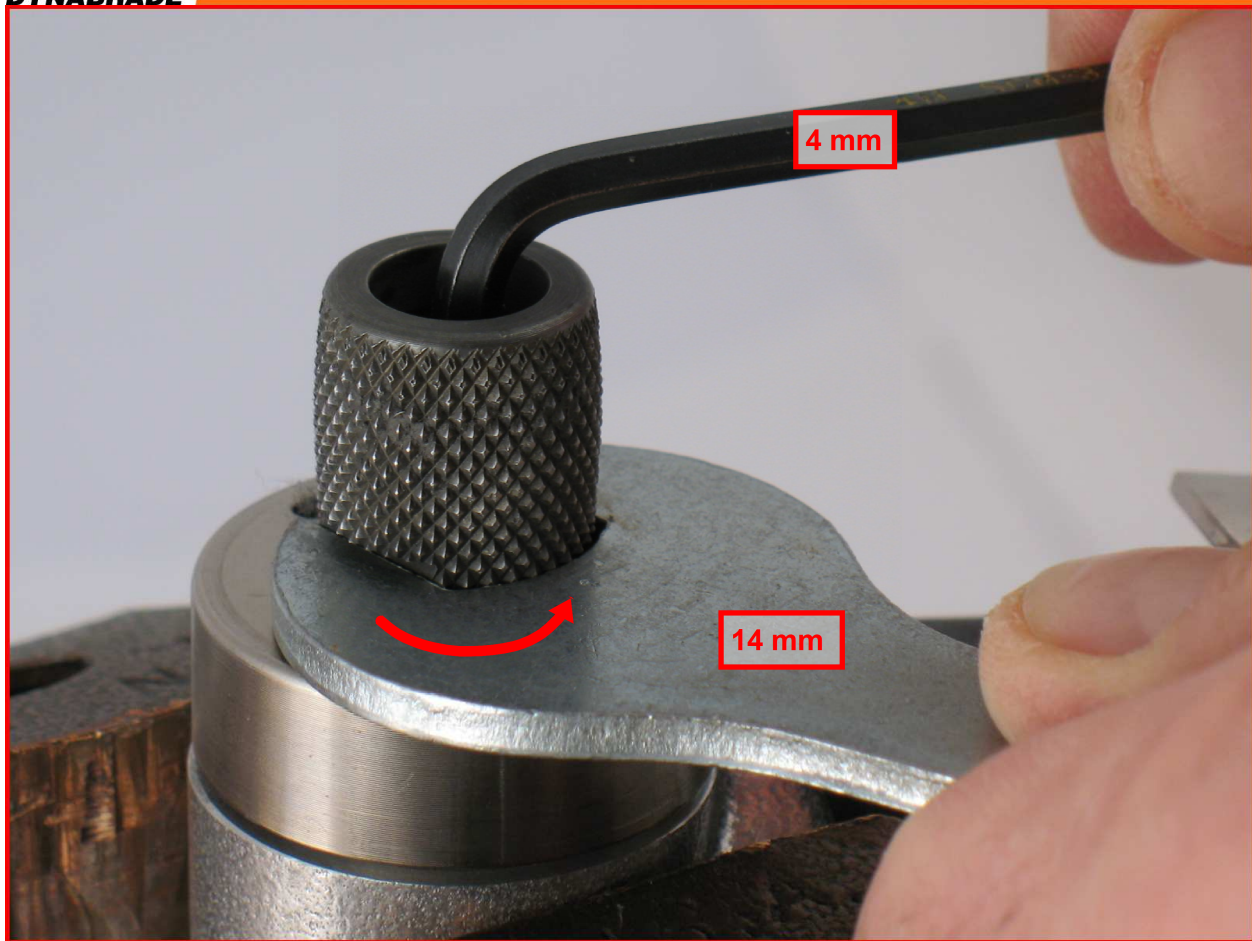
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2. Carefully fasten the **01546** Housing in a vise with aluminum or bronze jaws so that the drive wheel is pointing up. **Notice: Over tightening vise will damage housing.** Repair Collar **96461** (designed to protect the **01546** Housing) is available upon order.
  - Use the **95262**, 14 mm Wrench and a 4 mm hex key to remove the **15118** Drive Wheel. **Notice: If the drive wheel cannot be removed, or the optional rubber drive wheel, 40378 has been installed, refer to Step #3.**



3. Use the **50971** Lock Ring Tool or an adjustable 3 mm pin spanner wrench to remove the **15106** Exhaust Cover. Turn counterclockwise.

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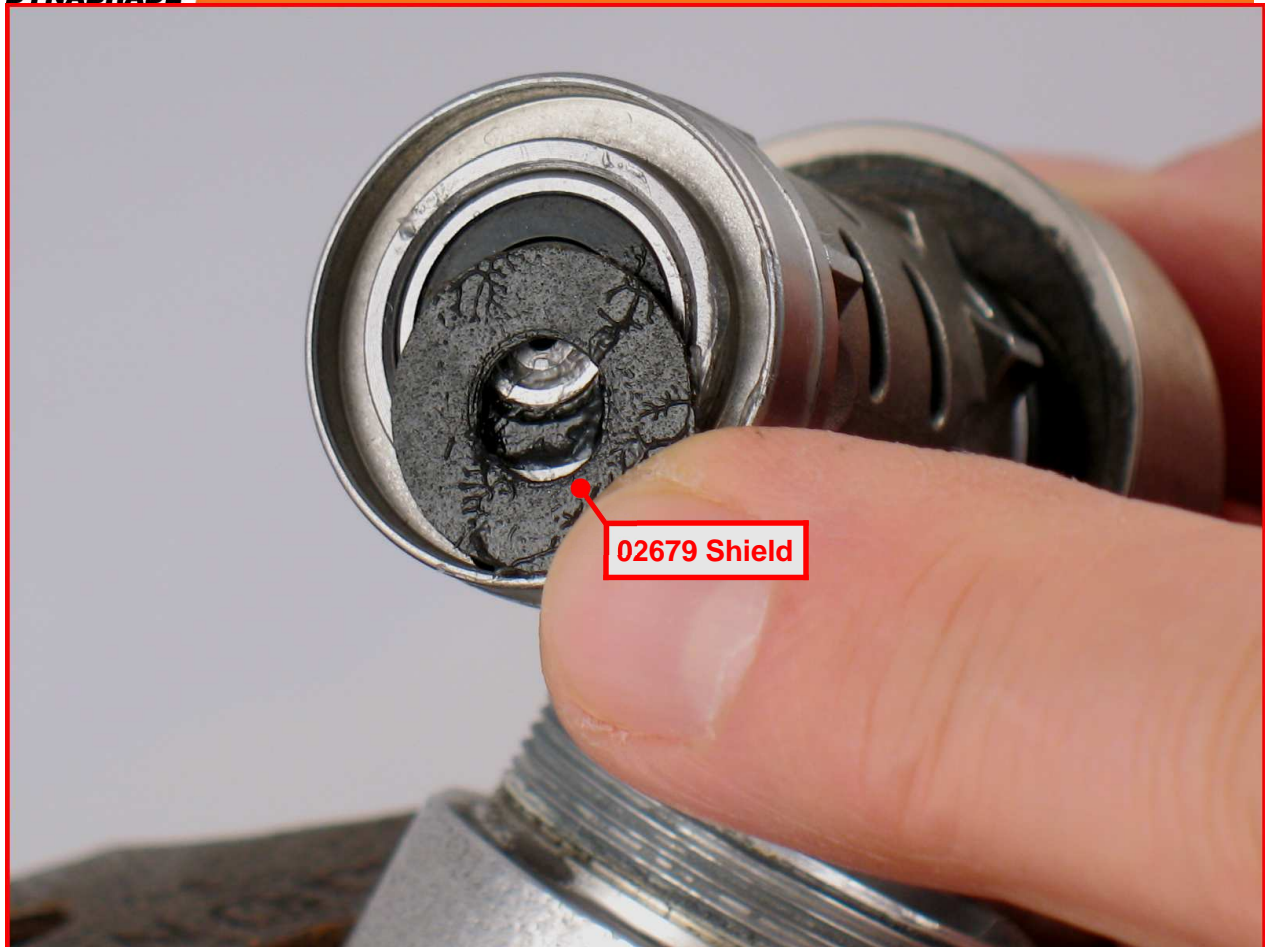
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4. Loosen the vise and carefully pull the motor out of the **01546** Housing.
  - Remove the **02679** Shield.

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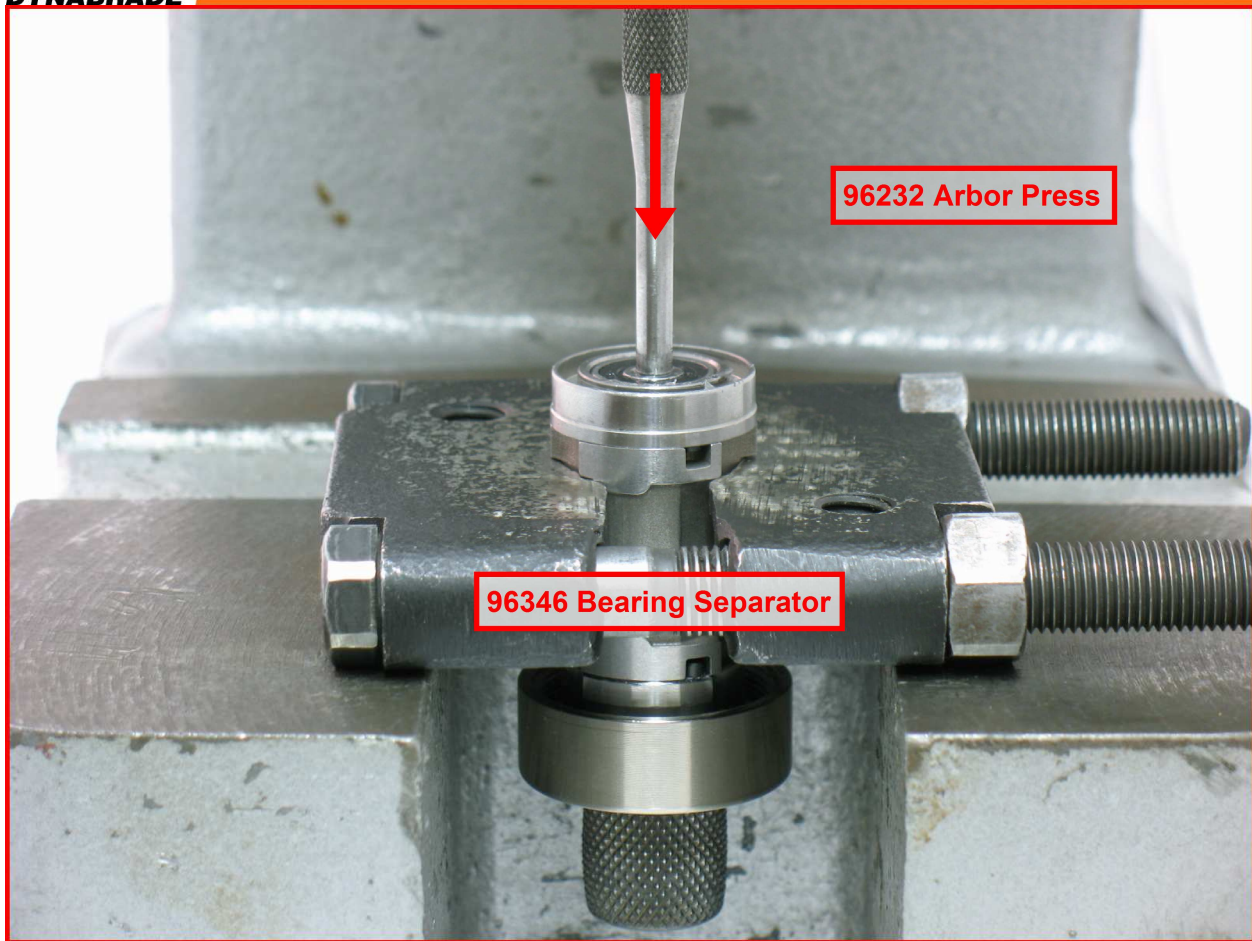
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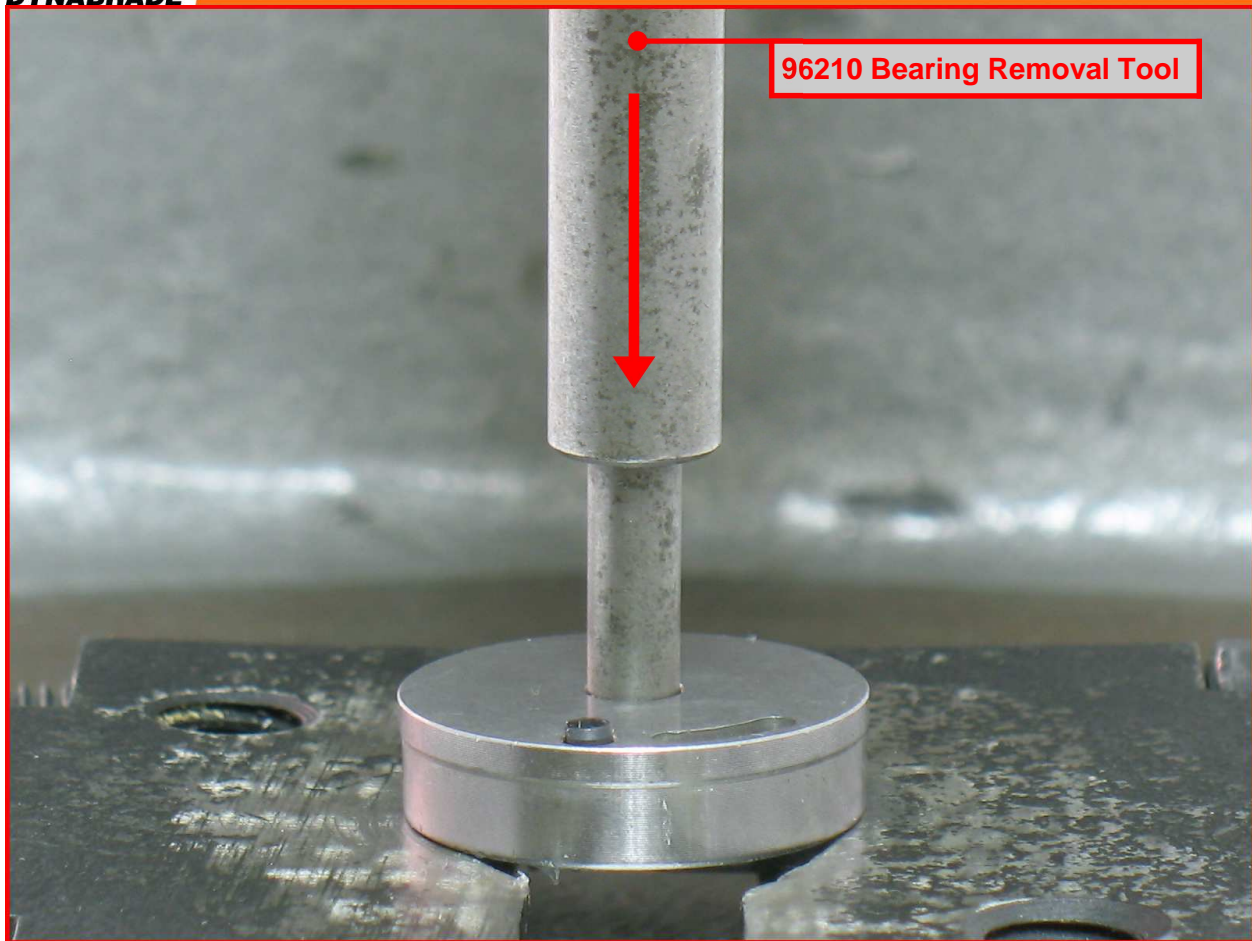
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5. Fasten the **96346** Bearing Separator (2") around the **01476** Cylinder.
- Place the bearing separator in the **96232** Arbor Press (#2) so that the drive wheel is pointing down.
  - Use a 3/16" or 5 mm diameter flat end drive punch as a press tool and push the rotor out of the **02696** Bearing.



## Disassembly/Assembly Instructions



6. Use the **96210** Bearing Removal Tool and the arbor press to remove the **02696** Bearing from the rear bearing plate.

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7. Fasten the rotor in the vise with aluminum or bronze jaws so that the drive wheel is pointing up.
  - Use the **95262**, 14 mm Wrench, or groove pliers to remove the drive wheel. Turn counterclockwise.
  - Remove the exhaust cover, felt silencers, bearing, plate, shims and the **01479** Spacer.

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## ***Disassembly/Assembly Instructions***



**Motor Disassembly Complete.**

**Clean and inspect parts before assembling.**

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