



Disassembly/Assembly Instructions

Disassembly Instructions - 0.4 hp. Dynaflex II

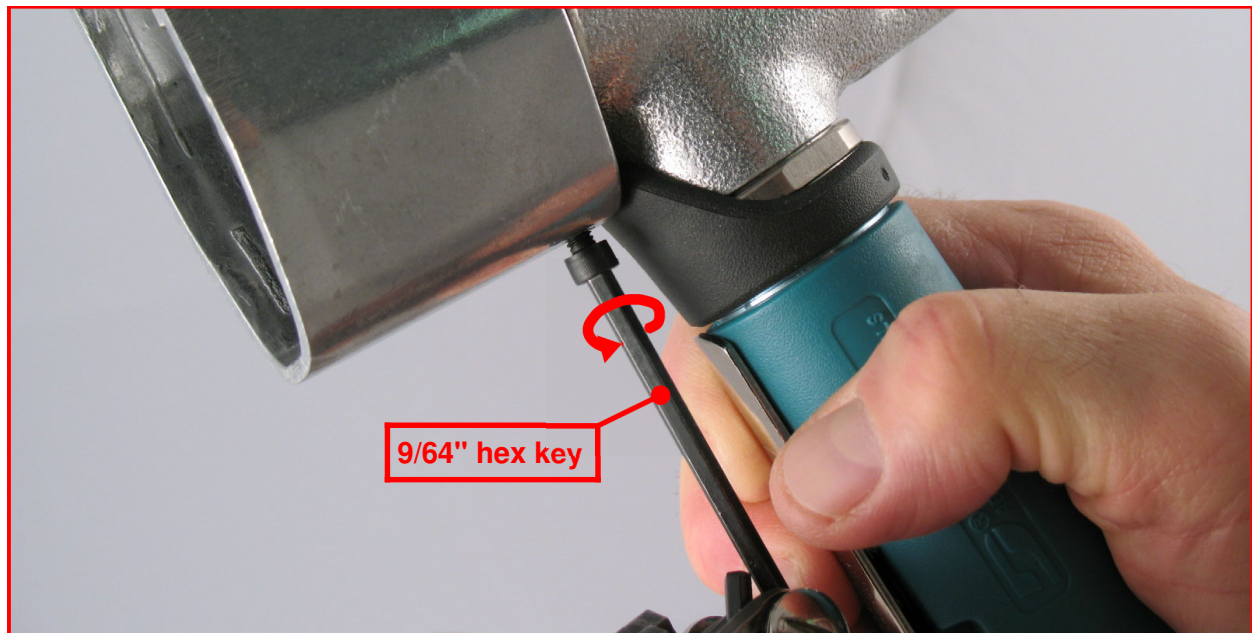
Models: 40352, 40353

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 belt housing cover and abrasive belt. • Use the Special Repair Tools designed for the disassembly and assembly of this motor.

Motor Disassembly:



1. Use a 9/64" hex key to loosen the **95311** Screw.
 - Remove the the air motor from the belt housing assembly.

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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 **96076**, 12 mm Wrench to hold the **04117** Adapter stationary.
 - Remove the drive wheel by hand, or use groove pliers. Turn counterclockwise.



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3. Use the **50971** Lock Ring Tool or an adjustable 3 mm pin spanner wrench to remove the **04116** Exhaust Cover. Turn counterclockwise.

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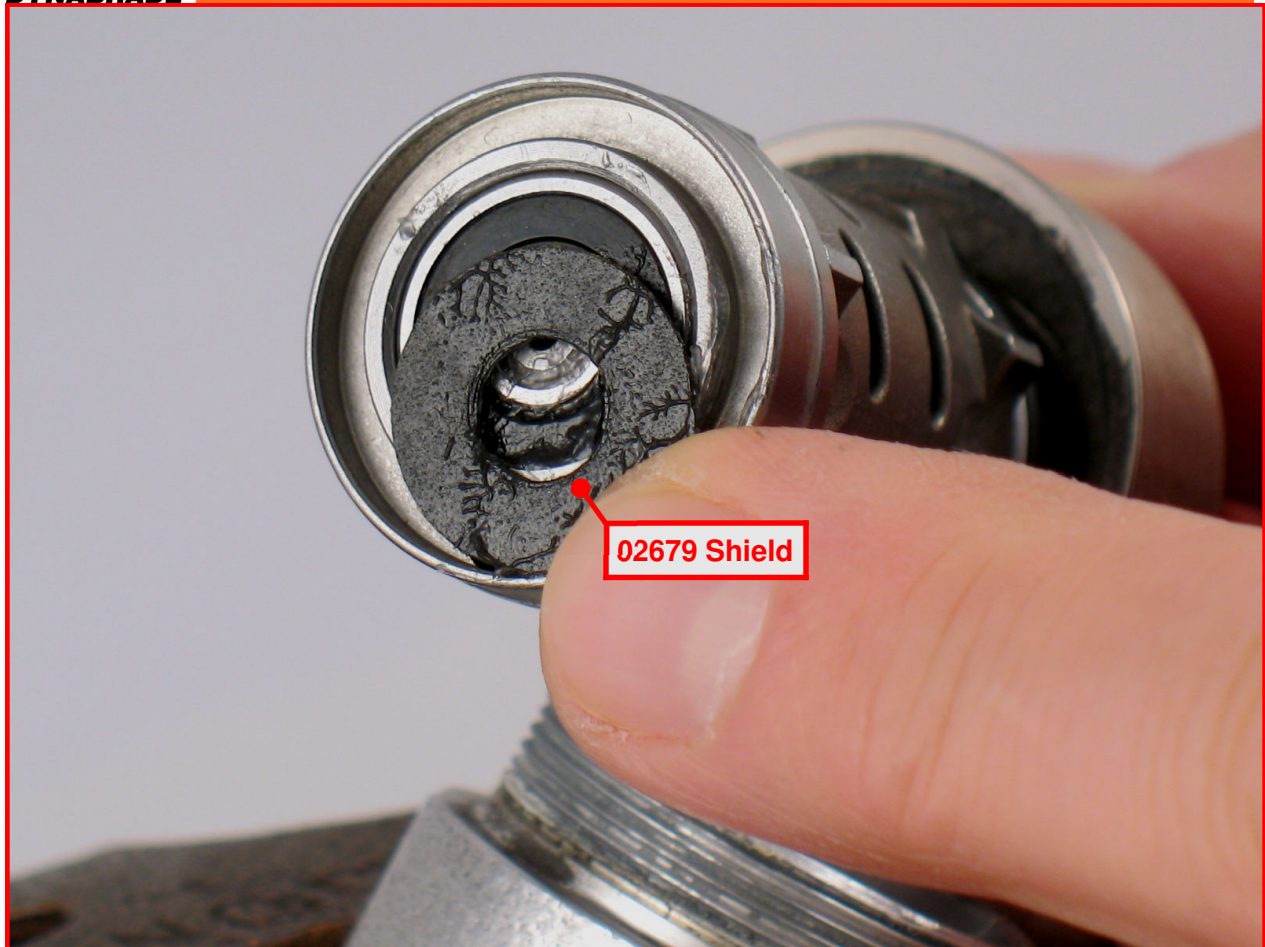
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4. Loosen the vise and carefully pull the motor out of the **01546** Housing.
 - Remove the **02679** Shield.

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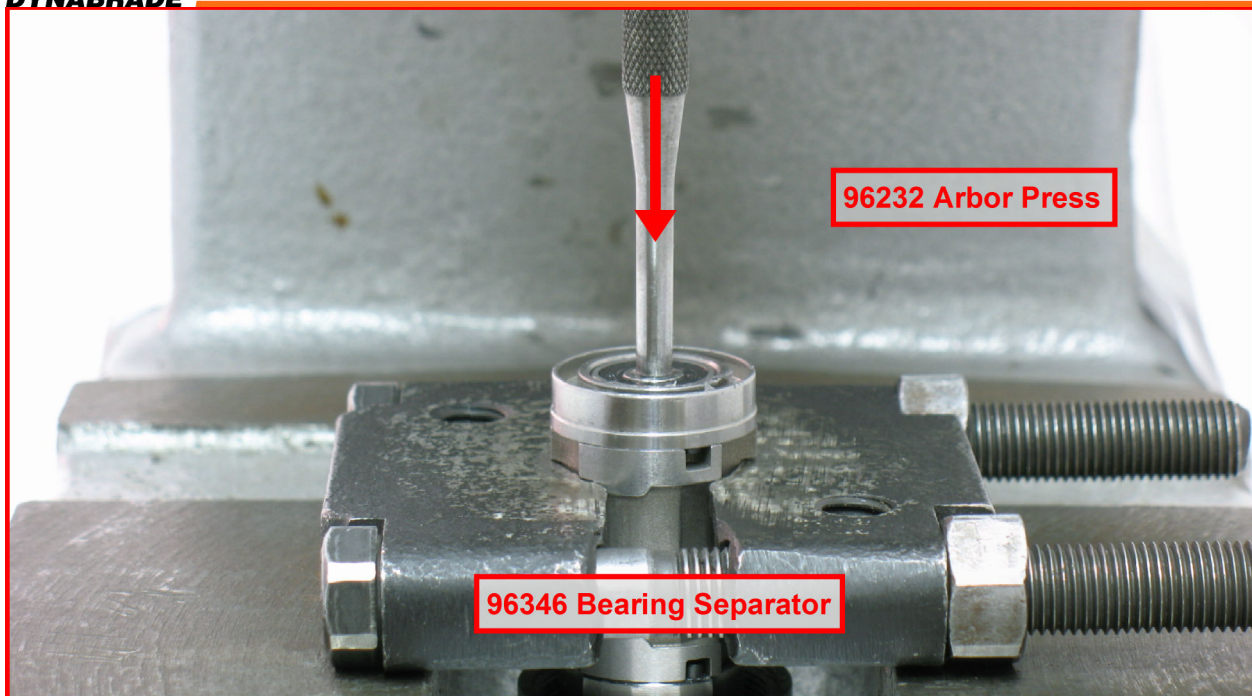
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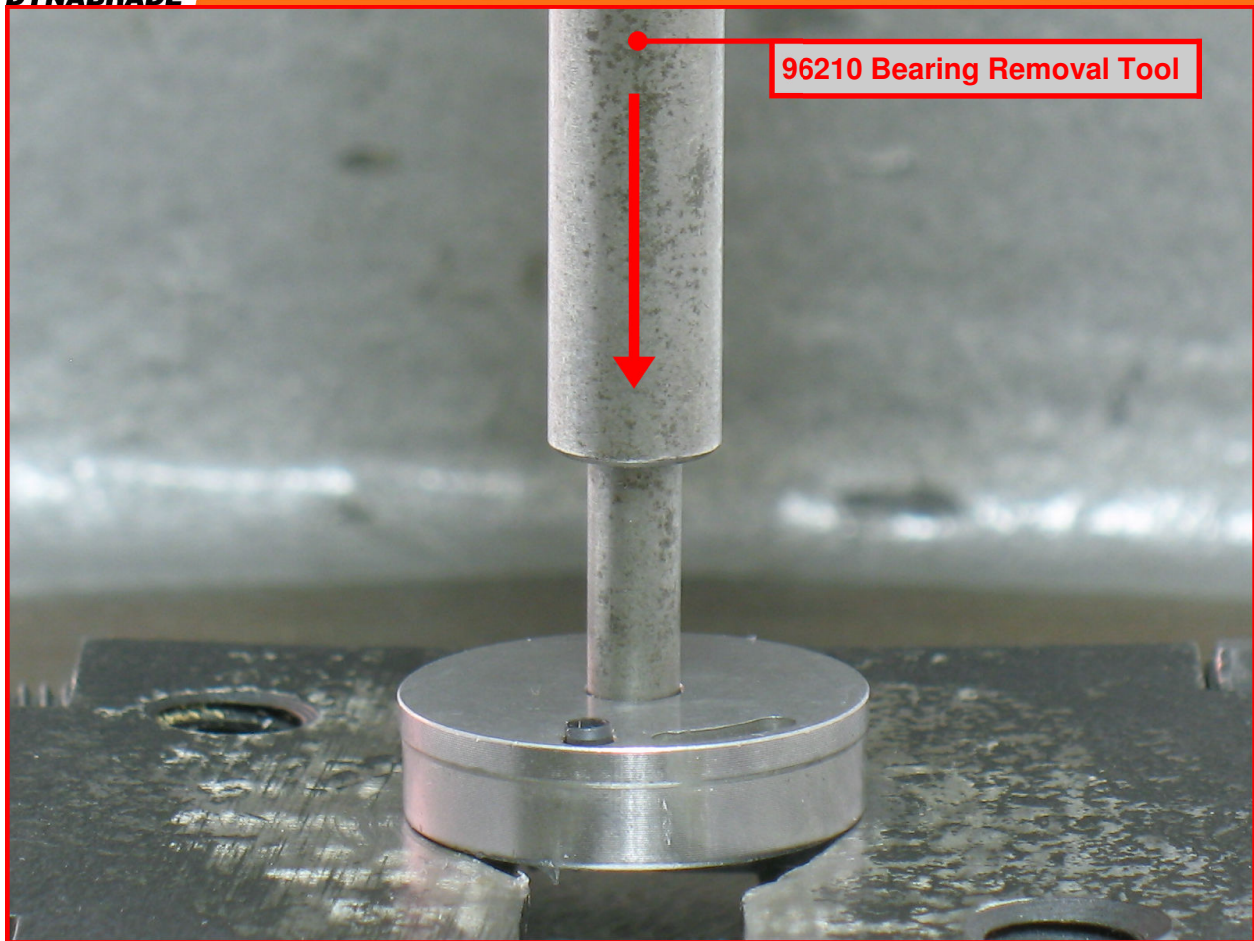
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5. Fasten the **96346** Bearing Separator (2") around the **01476** Cylinder.
 - Place the bearing separator in the **96232** Arbor Press (#2) with the **04117** Adapter pointing down.
 - Use a 3/16" or 5 mm diameter flat end drive punch as a press tool and push the rotor out of the **02696** Bearing.



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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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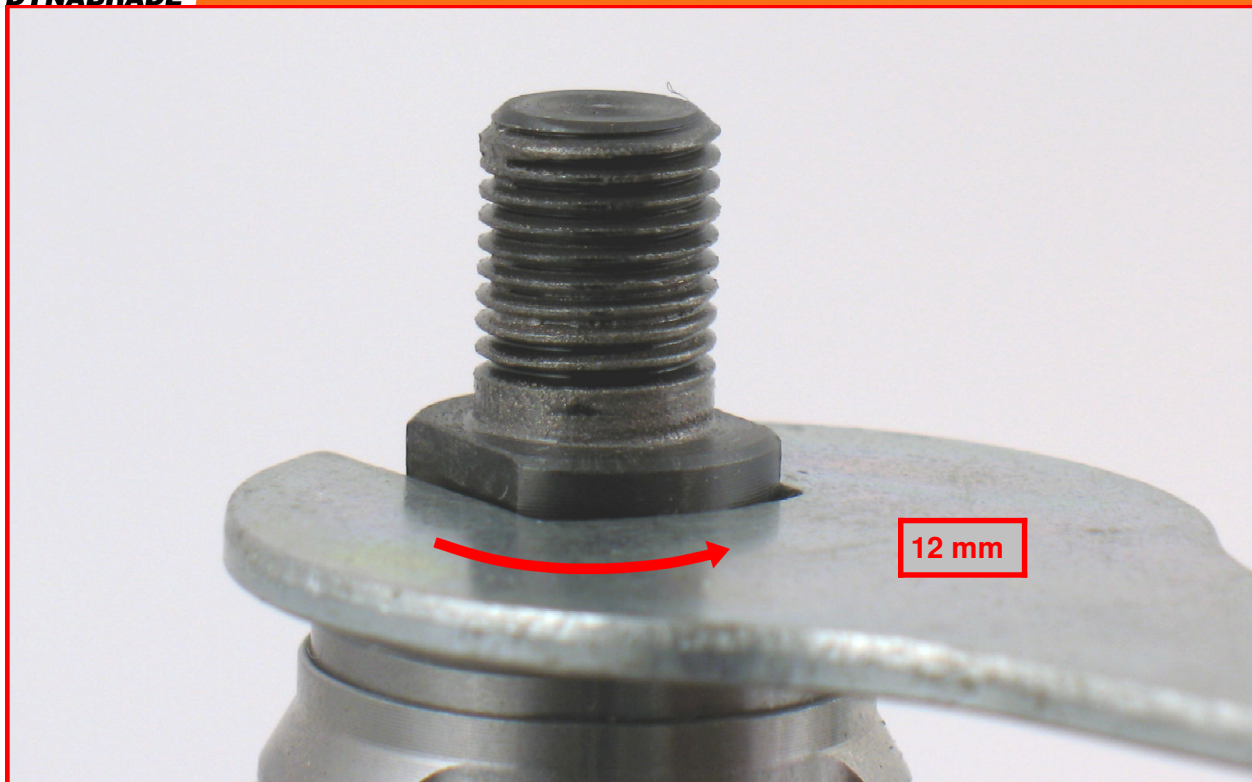
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7. Fasten the rotor in the vise with aluminum or bronze jaws so that the **04117** Adapter is pointing up.
- Use the **96076**, 12 mm, or an adjustable wrench to remove the **04117** Adapter. Turn counterclockwise.
 - Remove the bearing, plate, shims and the **01479** Spacer.

Motor Disassembly Complete.

Clean and inspect parts before assembling.

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