



EDCO Disk Grinder 50200-HD Head Assembly Replacement

How to replace the head assembly on a EDCO Disk Grinder model 50200-HD.

Written By: Sam Omiotek



INTRODUCTION

Follow this guide to replace the head assembly on a EDCO Disk Grinder model 50200-HD.

This repair requires two people.



TOOLS:

- [Leather Work Gloves](#) (1)
- [Flathead Screwdriver](#) (1)
- [9/16" socket](#) (1)
- [5/32" Hex Bit](#) (1)
- [Socket Wrench](#) (1)
- [3/8-Inch Drive Extension Bar](#) (1)
- [Dead Blow Hammer](#) (1)
- [Pin Punch](#) (1)



PARTS:

- [EDCO Head Assembly., Sec-Hd \(See Illus. 4 For Breakdown\)](#) 86907 (1)

Step 1 — Safety precautions



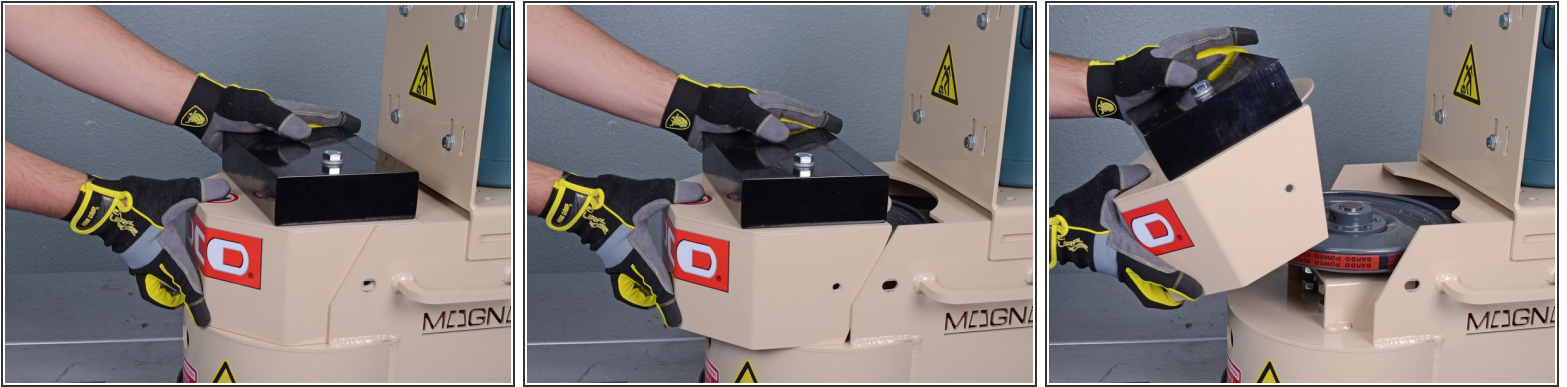
- ⚠ Before you begin, ensure the device is powered down and cool to the touch.
- Ensure the machine is unplugged.
- Turn the power switch counterclockwise into the **OFF** position.

Step 2 — Remove the weighted hood




- Use a 9/16 inch socket to remove the two bolts securing the weighted hood.
- ☑ During reassembly, ensure the bolts are reinstalled with the washers and lock washers in the correct order.

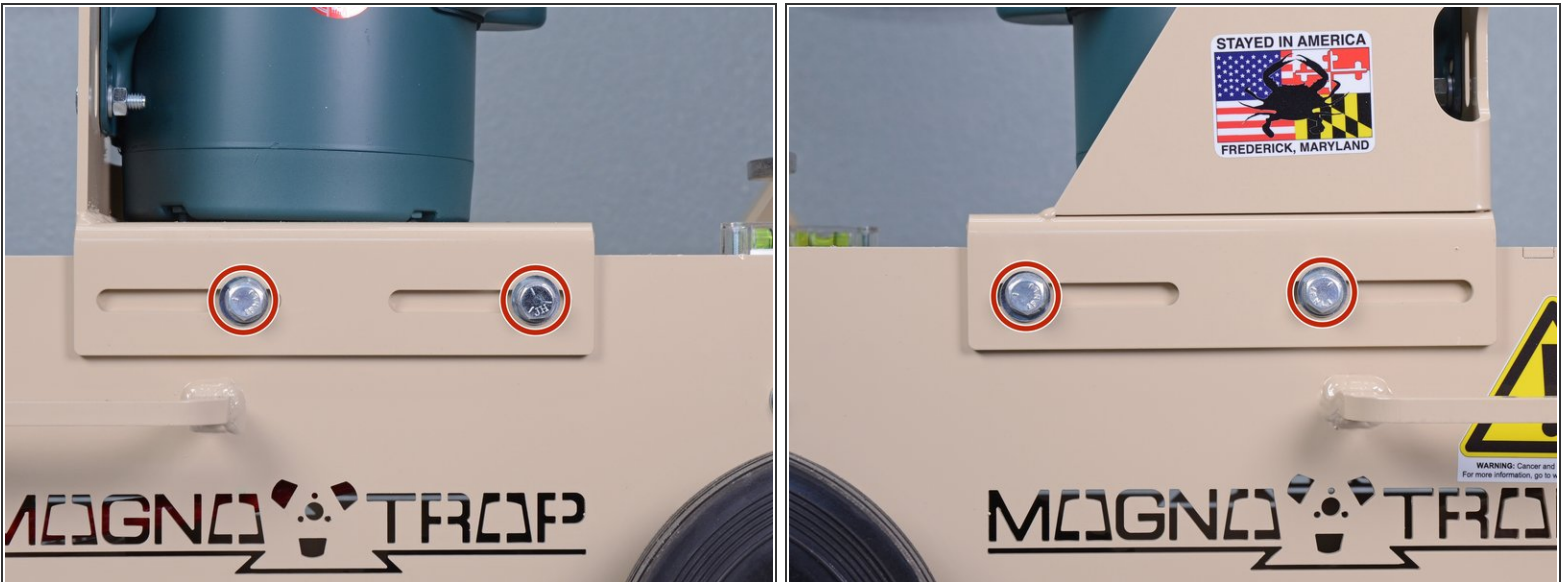
Step 3



- Remove the weighted hood.

 The weighted hood weighs 37 pounds. Wear gloves and handle with caution.

Step 4 — Remove the belt



- Use a 9/16 inch socket to loosen the bolts securing the motor mount.

 Do not completely remove the bolts.

Step 5



- Slide the motor towards the front of the machine as far as it will go to loosen the belt tension.
 - Use a 9/16 inch socket to tighten the four bolts back down to lock the motor in a position where there's the least belt tension.
- ☛ During reassembly, have one person slide the motor mount towards the rear of the machine to tension the belt while the other person tightens the bolts.

Step 6



- Tilt the front of the machine up and rest the handlebars on the ground.
- ⓘ Have someone hold down the handlebars to prevent tipping while working on the belt.

Step 7



- Pinch a flathead screwdriver between the belt and sheave.
- Rotate the sheave and pivot the belt up and away from its groove.

Step 8



- Continue to rotate the sheave with one hand while holding the flathead screwdriver with the other to fully dislodge the belt from the groove.

Step 9



- Remove the belt from the motor pulley, then fully remove it from the machine.
- ☑ Reassembly tip: loop the belt around the motor pulley before placing it on the sheave.

Step 10 — Reassembly tip



- ☑ Reassembly tip: place the belt over the rim and rotate the sheave to guide the belt into the groove.

Step 11 — Rubber Skirt Removal



- Remove the rubber skirt surrounding the disk head.

Step 12 — Tilt the machine



- Tilt the machine back into working position.

Step 13 — Remove the sheave



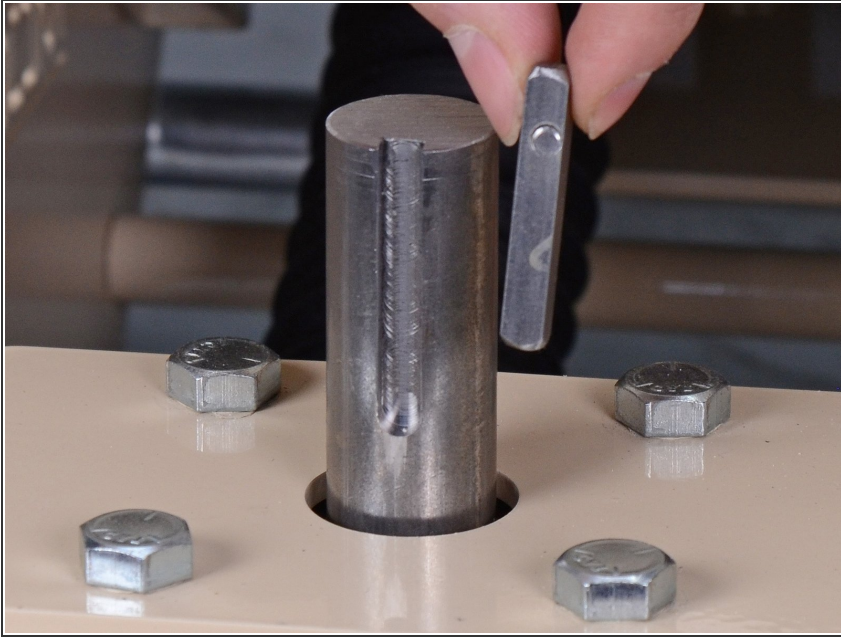
- Use a 5/32 inch hex wrench to loosen the set screw securing the sheave to the head assembly shaft.
- ⓘ If the set screw is seized, use an impact driver with a 5/32 inch hex socket to loosen it.

Step 14



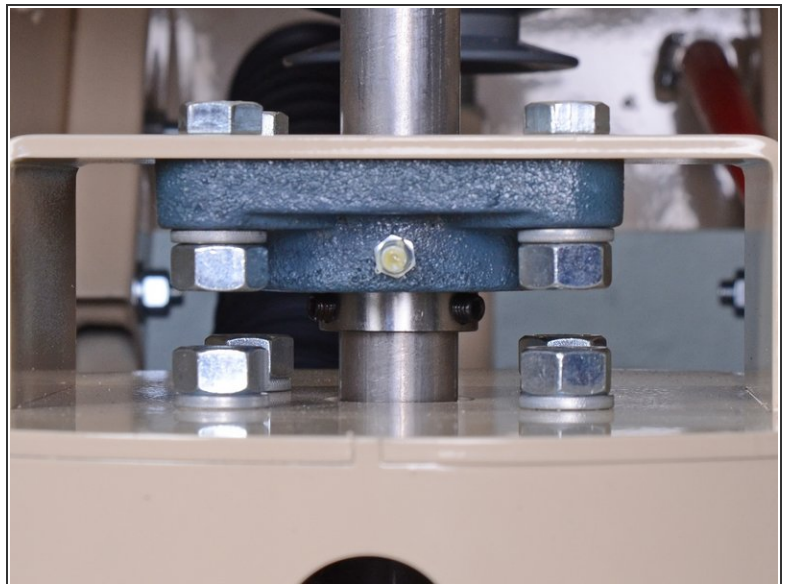
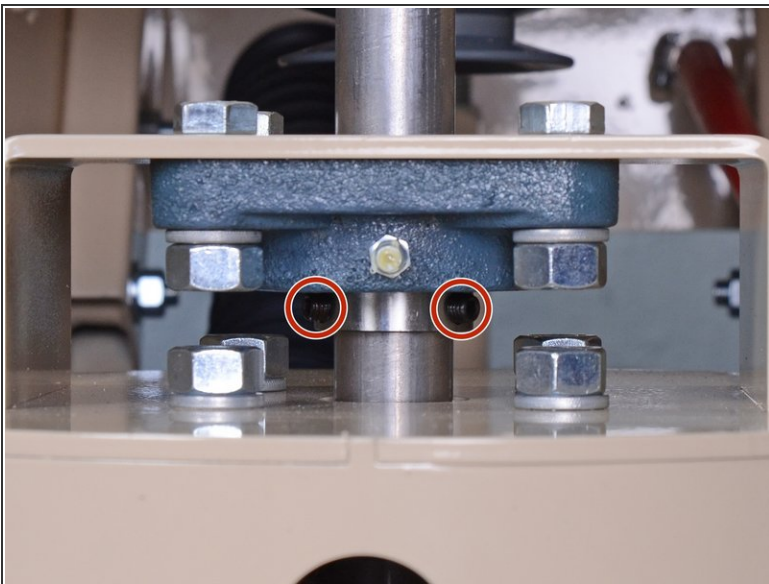
- Lift the sheave straight up off of the head assembly shaft.

Step 15 — Remove the head assembly



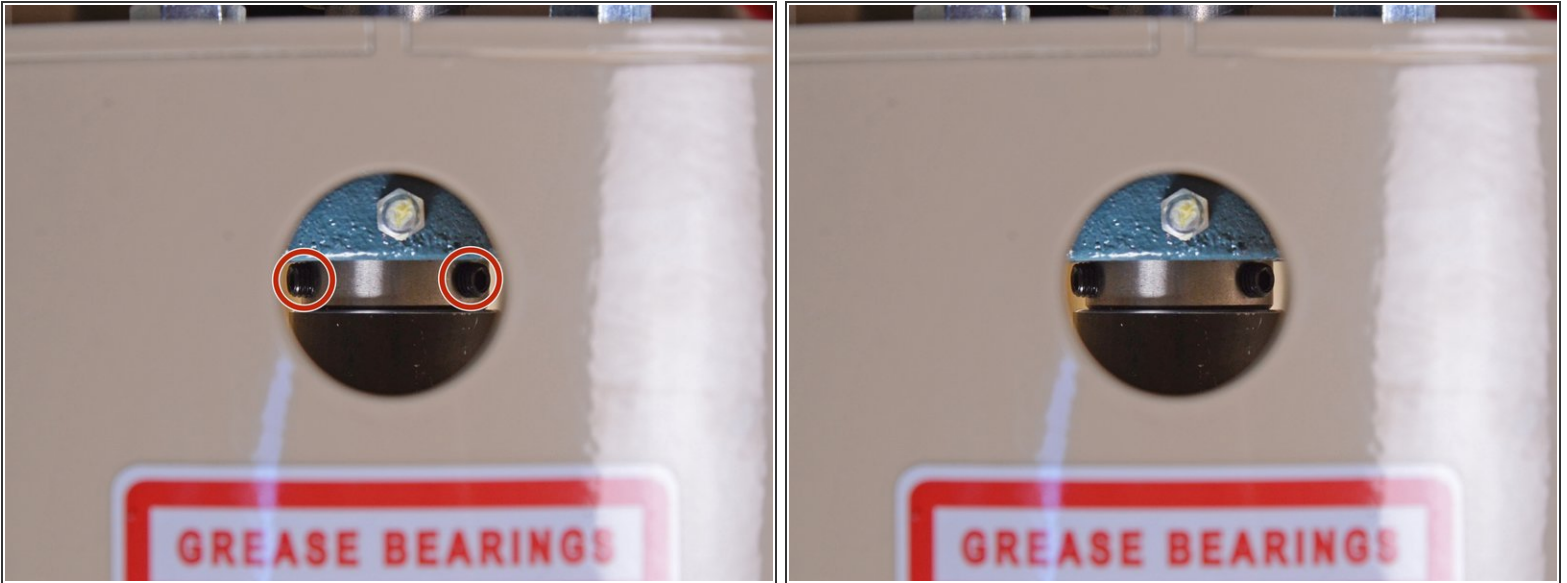
- Remove the key from the head assembly shaft.

Step 16



- Use a 5/32 inch hex bit with an extension to loosen the two set screws securing the head assembly shaft to the upper bearing.

Step 17



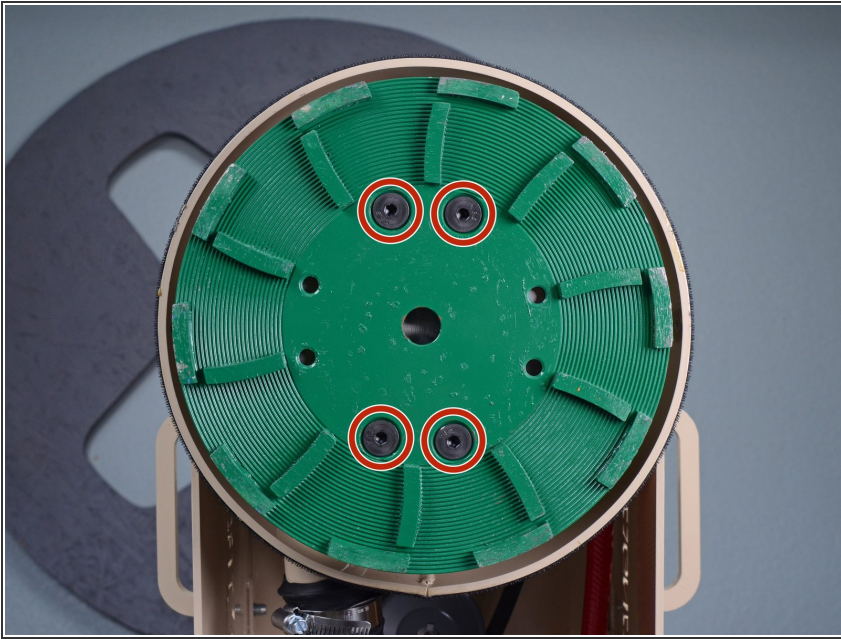
- Use a 5/32 inch hex bit with an extension to loosen the two set screws securing the head assembly shaft to the lower bearing.
- ⓘ The set screws can be accessed through the opening in the shroud on the front of the machine.

Step 18 — Tilt the machine



- Tilt the front of the machine up off the ground.
- ⚠ Have someone hold down the handlebars to prevent tipping while working on the head assembly.

Step 19 — Remove the disk



- Use a 7/32 inch hex key to remove the four flat screws securing the disk to the head assembly.

Step 20



 **Wear gloves.** The edges of the disk can be sharp.

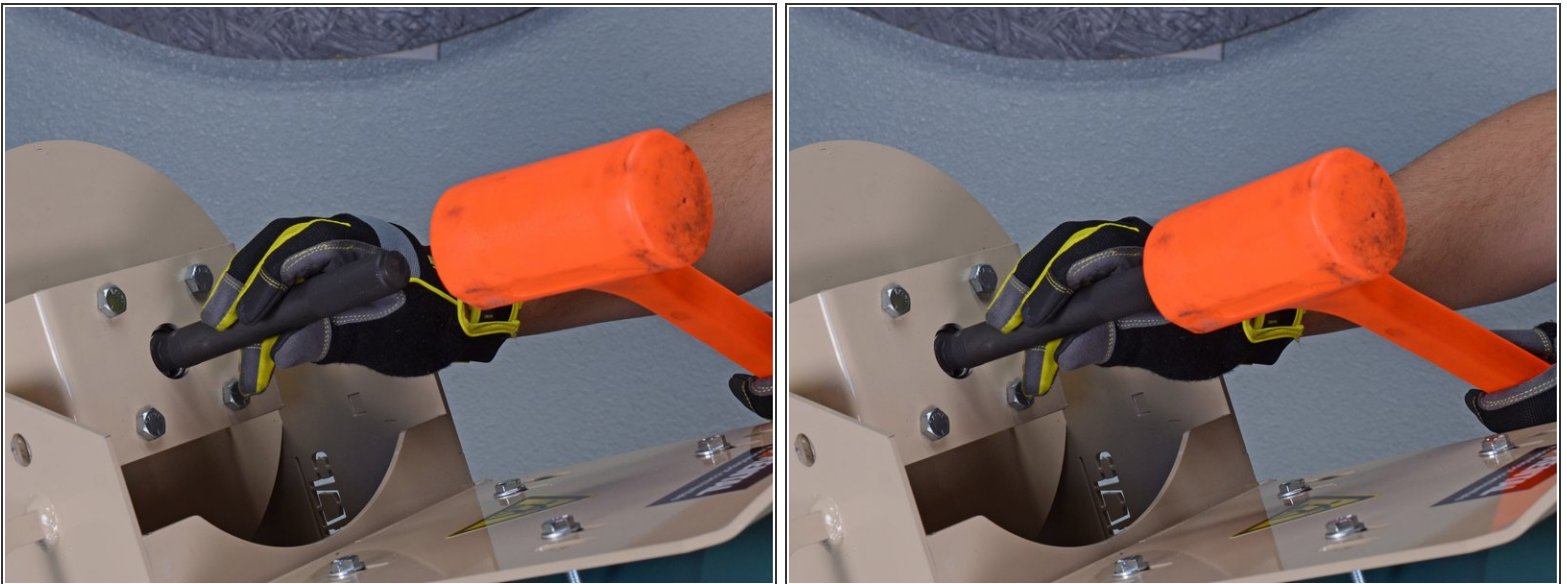
- Remove the disk.

Step 21 — Hammer the head assembly shaft



- Use a dead blow hammer to hit the head assembly shaft straight down until it is flush with the upper bearing bracket, or as far as it will go.

Step 22



- Use an appropriately-sized punch to knock the head assembly the rest of the way out.
- ⓘ Once the head assembly shaft clears the last bearing, it will fall out. If necessary, have someone hold it to prevent it from hitting the ground.

Step 23



- Remove the head assembly.

Step 24 — Reassembly tip



⚠ During reassembly:

- Insert the new head assembly up into the bearing as far as you can by hand.
- Use a dead blow hammer to knock the head assembly up into the machine until there is no play in the shaft spacer.

⚠ Ensure there is no play in the shaft spacer before tightening the set screws onto the new head assembly.

To reassemble your device, follow these instructions in reverse order.