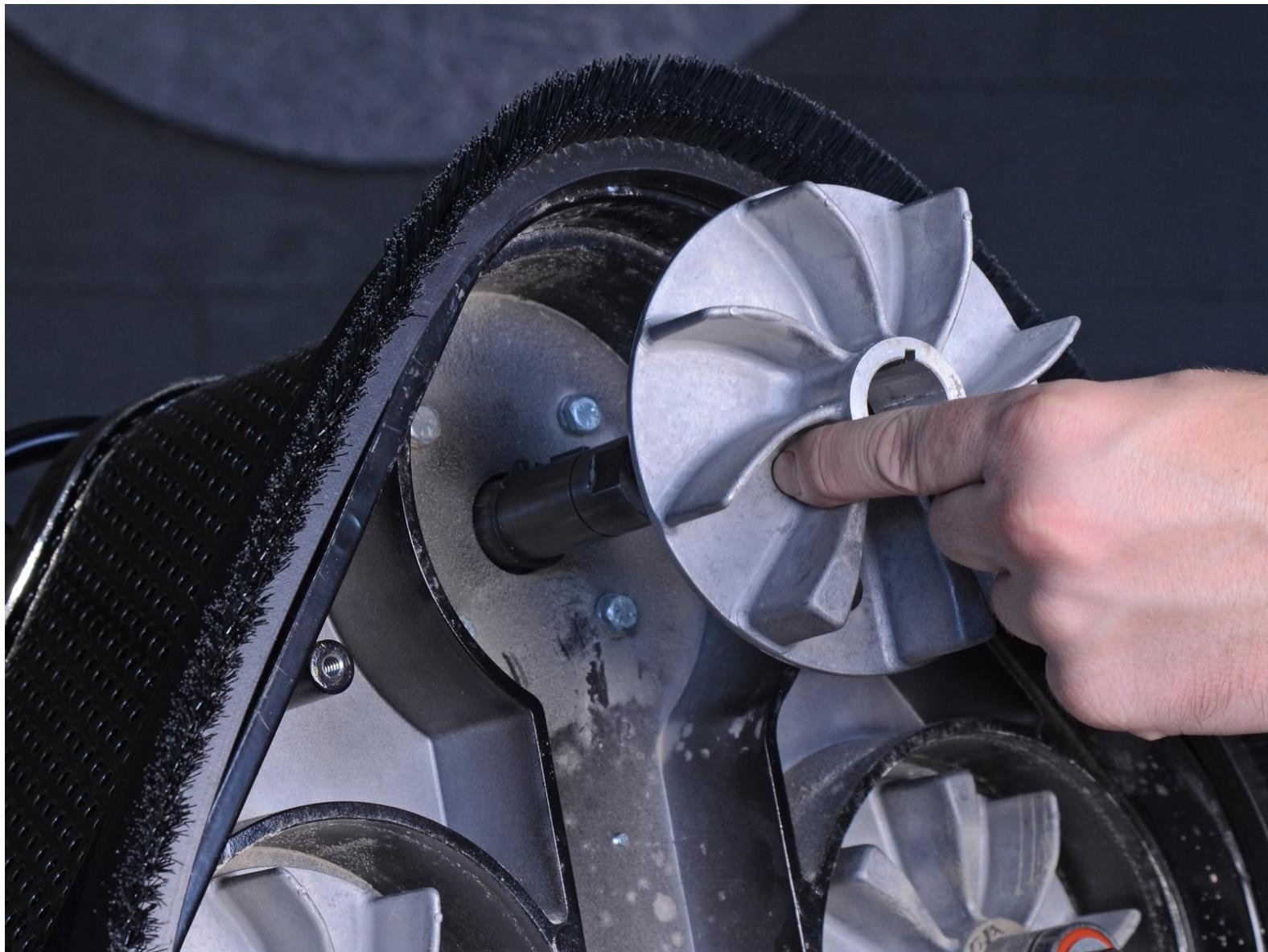




# Clarke Floor Sander 07163A 2012 Dust Fan Replacement

Remove or replace the dust fan in a Clarke Floor Sander 07163A 2012.

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## INTRODUCTION

Use this guide to remove or replace the dust fan in a Clarke Floor Sander 07163A 2012.

### TOOLS:

- Flathead Screwdriver (1)
- 11 mm Socket (1)
- Socket Wrench (1)
- 22 mm Thin Wrench (1)
- Pry Bar (1)
- 3mm Hex Key (1)
- 4 mm Hex Key (1)
- Snap Ring Pliers (1)

### PARTS:

- Clarke DUST FAN 29893A (1)

## Step 1 — Remove the sandpaper disc



**⚠** Before you begin, be sure that the sander is unplugged and powered off.

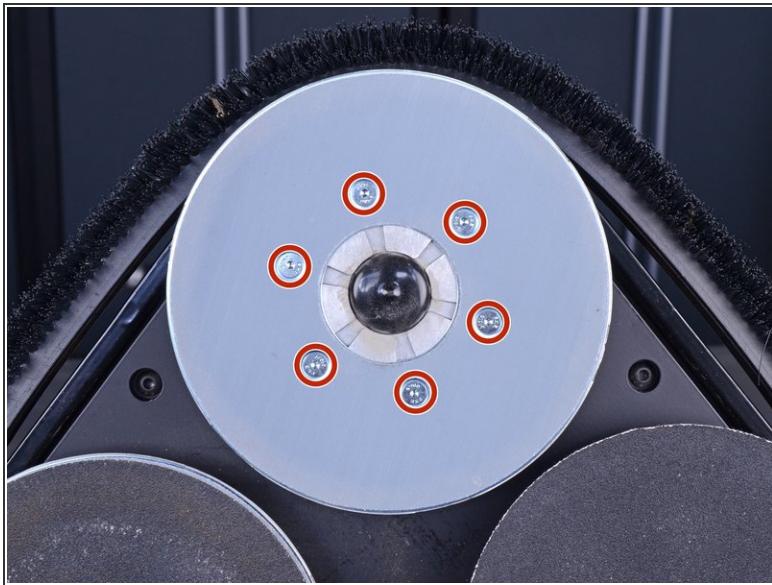
- Carefully tilt the sander back and lay it down on its side, exposing the three sanding pads on the bottom.

## Step 2



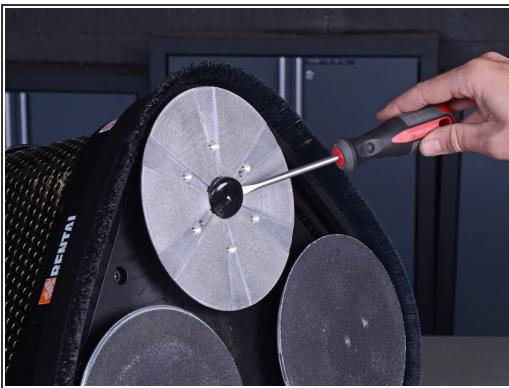
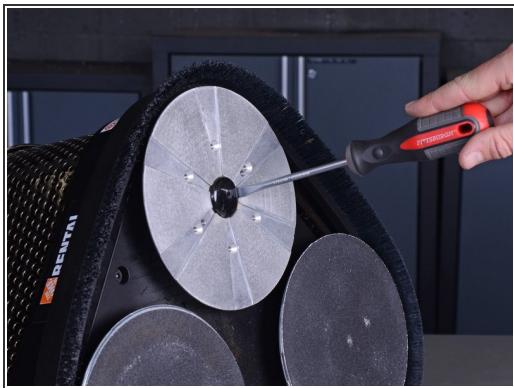
- Peel the hook-and-loop sandpaper disc off of the driver assembly.

## Step 3 — Remove the driver pad



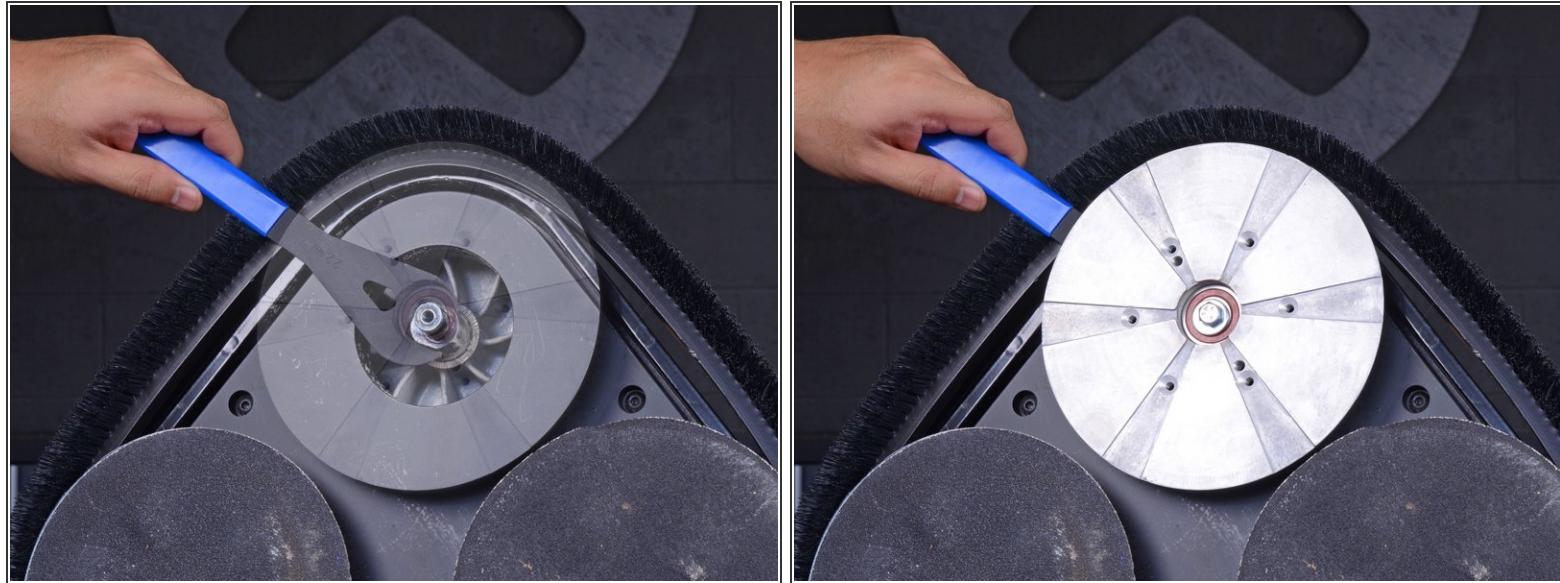
- Use a 3 mm hex key or driver bit to remove the six 11.9 mm-long screws securing the driver pad.
- Remove the driver pad from the sanding disc.

## Step 4 — Remove the sanding disc



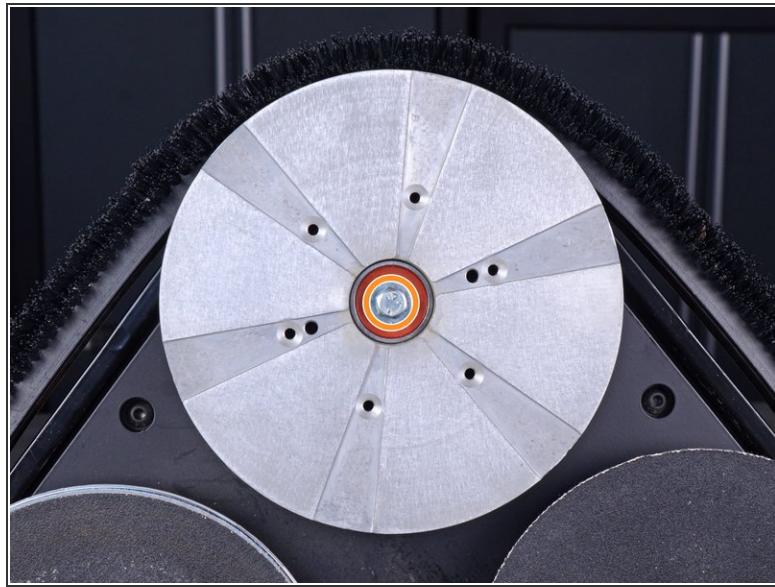
- Use a flathead screwdriver to pry off and remove the rubber plug in the center of the sanding disc.

## Step 5



- Slide a thin 22 mm wrench underneath the sanding disc and clasp it onto the flat part of the motor driveshaft to keep the driveshaft from turning.

## Step 6



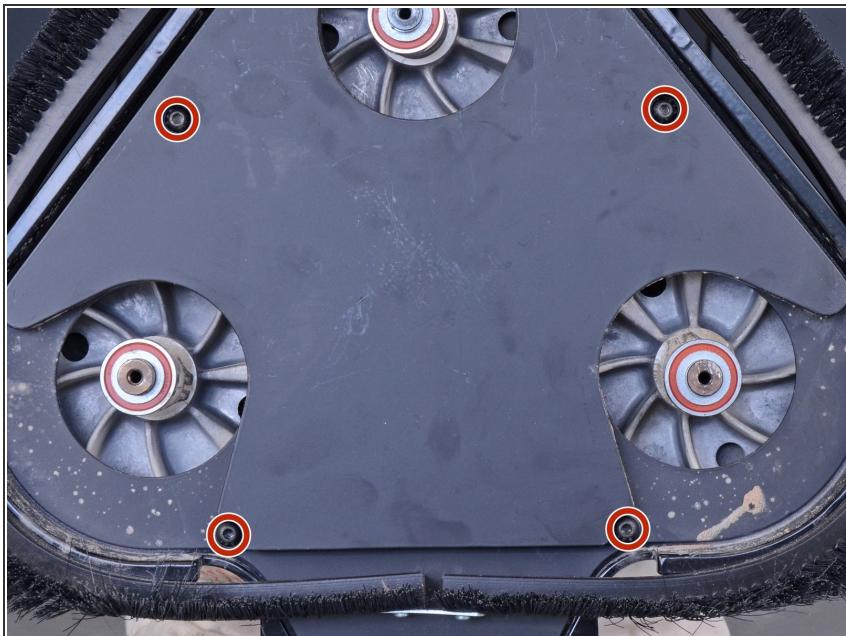
- Use an 11 mm socket and socket wrench to remove the 16.5 mm-long bolt securing the sanding disc to the motor driveshaft.
- Apply counter torque to the driveshaft wrench as you loosen the bolt to keep the sanding disc from spinning.

## Step 7



- Take two pry bars and insert them underneath the sanding disc as close to the driveshaft as possible.
- Apply pressure to the pry bars in opposite directions to carefully pry the sanding disc off of the driveshaft.
- Remove the sanding disc from the floor sander.

## Step 8 — Remove the bottom weight and cover



- Repeat the previous seven steps to remove the other two sanding discs before continuing.
- With all three sanding discs removed, use a 4 mm hex key to remove four 25.4 mm-long screws securing the bottom cover and bottom weight.

## Step 9



- Lift the bottom weight away from the sander.

## Step 10



- Pull the top edge of the bottom cover away from the sander until you have enough space to slide the cover out.
- Slide the cover across the bottom of the sander, away from the wheels, and remove it.

## Step 11 — Remove the dust fan



- Remove the washer from the motor shaft.

## Step 12



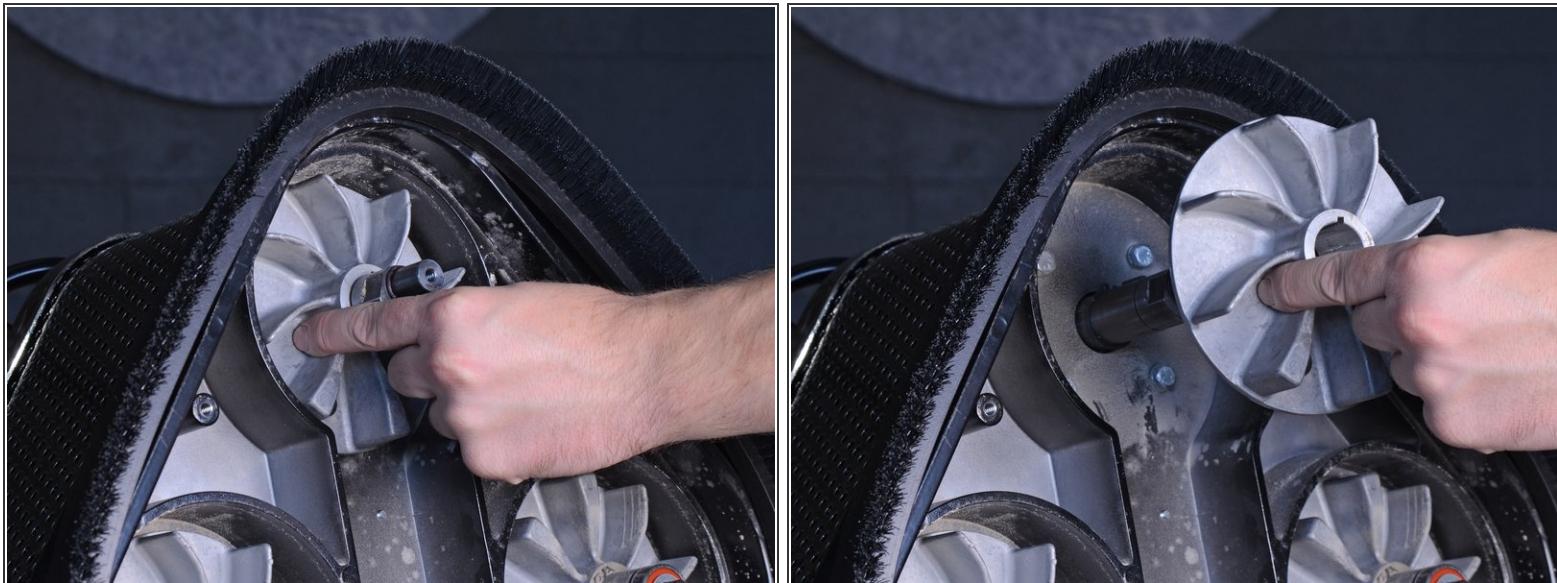
- Pull the drive pad bearing straight off of the motor shaft.
- You may not be able to remove the bearing with your hands. If this is the case, use a bearing puller to remove the bearing.

## Step 13



- Using snap ring pliers, pry the snap ring open and slide it off of the motor shaft.
- Remove the snap ring.

## Step 14



- Slide the dust fan straight off of the motor shaft.

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