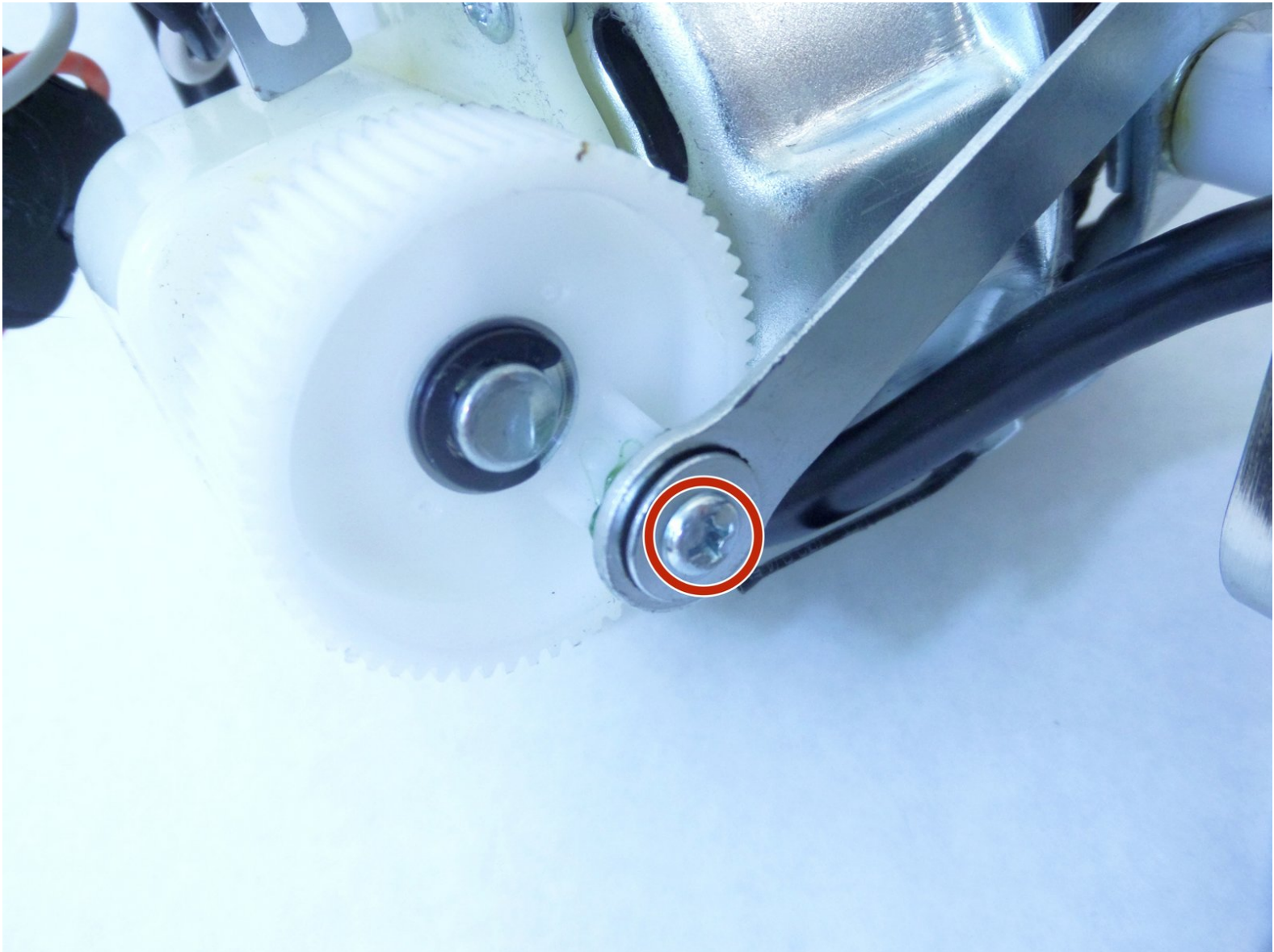




# Insignia NS-F12R6-SS Oscillation Arm Replacement

This guide will show you how to replace the oscillation arm on your Insignia NS-F12R6-SS fan.

Written By: Hank



## INTRODUCTION

The oscillation arm controls the back and forth motion of the fan. A broken or compromised oscillation arm will inhibit the fan oscillation function.

---

### TOOLS:

- [Phillips 3 Screwdriver](#) (1)
  - [7/16 Crescent Wrench](#) (1)
-

## Step 1 — Front Cage



- Unplug your fan.
- Remove the 20 mm bolt that fastens the fan ring located at the bottom of the fan cage with a Phillips #3 screwdriver.

## Step 2



- Remove the ring that runs around the edge of the fan cage.



### Step 3



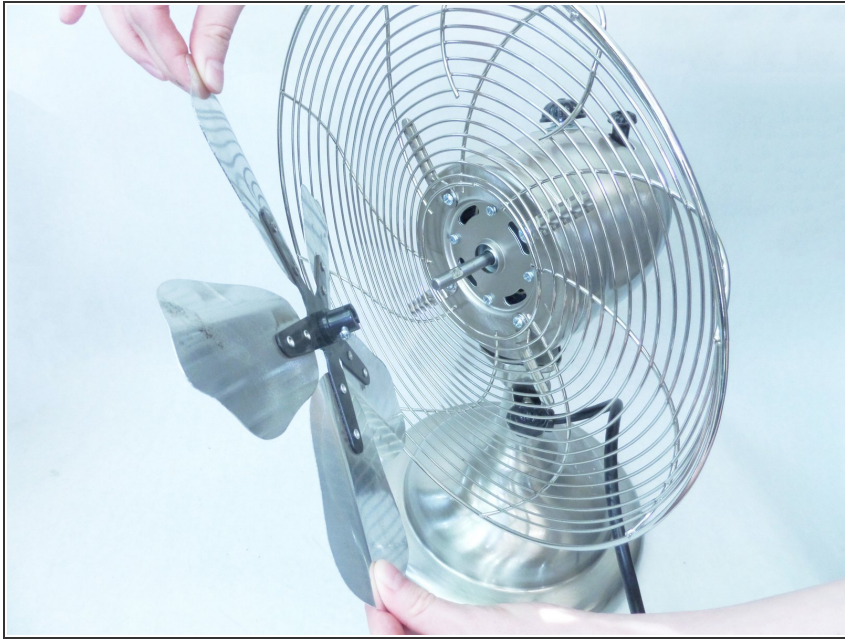
- Remove the front of the fan cage.

### Step 4 — Fan Blade



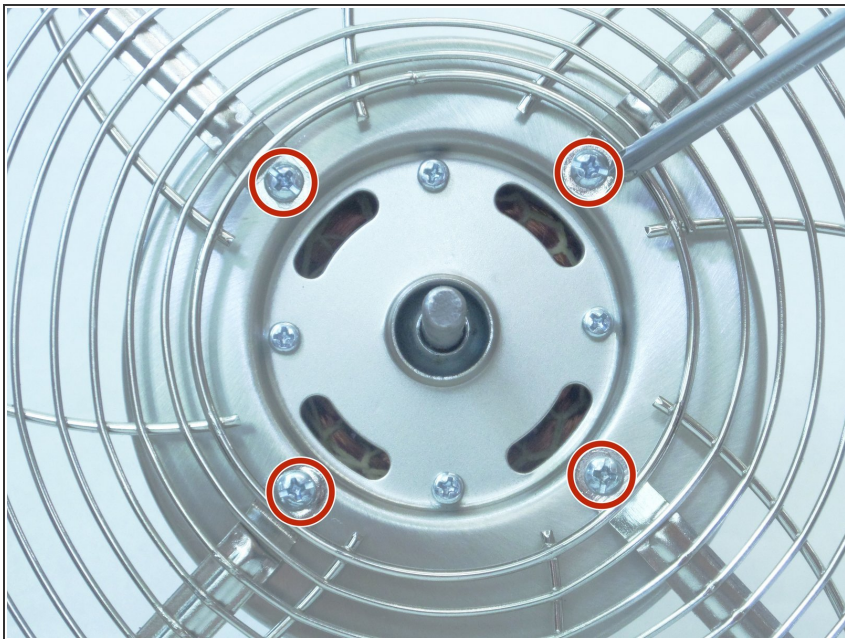
- Remove the 8 mm bolt fastening the fan blades to the rotor with a Phillip #3 screwdriver.

## Step 5



- ⚠ Take caution when removing the fan blades. They can be sharp!
- Slide the fan blade off the end of the rotor.

## Step 6 — Back Cage



- Unscrew the four 8 mm bolts that fasten the back of the fan cage back to the motor housing with a Phillips #3 screwdriver.

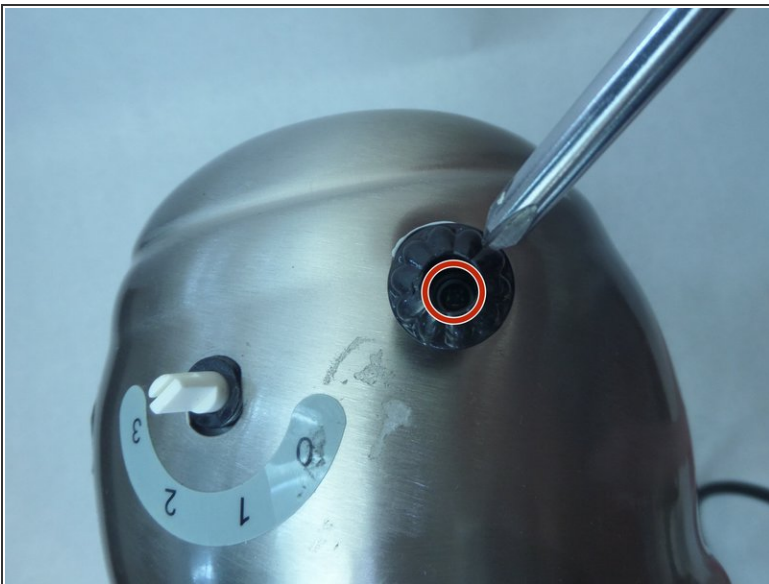


## Step 7



- Pull the back cage off.

## Step 8 — Oscillation Button



- Unscrew the 10 mm screw in the center hole of the oscillation knob with a Phillips #3 screwdriver.

## Step 9



- Remove the oscillation knob.

## Step 10 — Motor Housing



- Use your fingers to gently pull the power knob directly away from the motor housing.

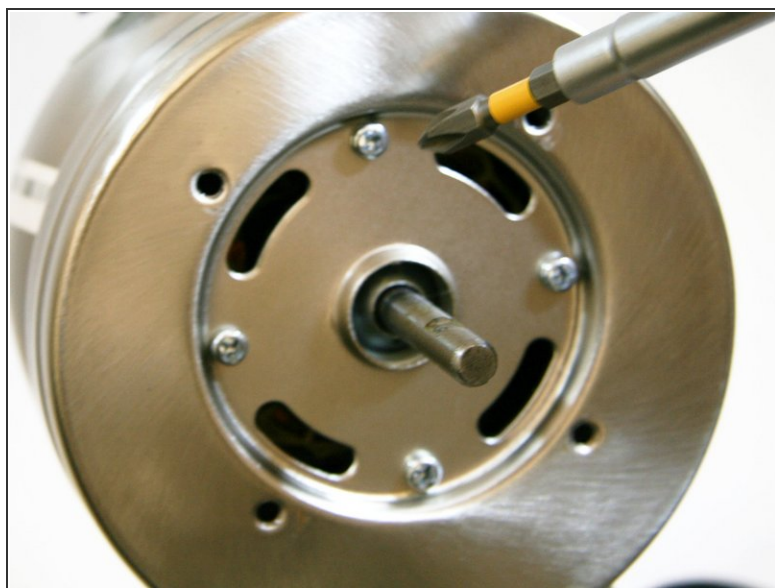


## Step 11



- Unscrew the flat 17 mm nut fastened at the bottom of the power knob with a small crescent wrench.

## Step 12



- Remove the four 6 mm bolts and small washers that secure the front face of the motor housing with a Phillips #3 screwdriver and remove the washers.



## Step 13



- Pull the front face of the motor housing off toward the front of the rotor.

## Step 14



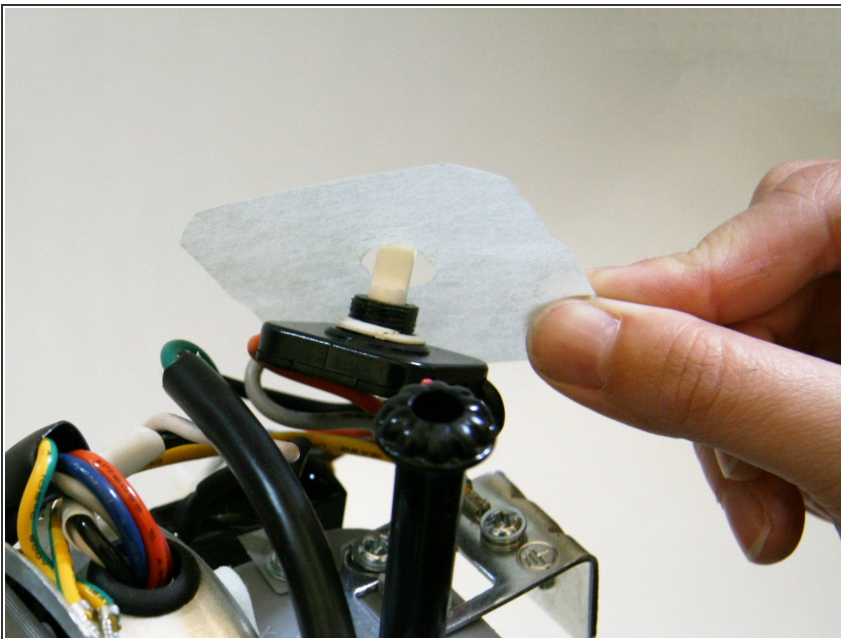
- Remove the 10 mm triangular-headed bolt with a Phillips #3 screwdriver.

## Step 15



- Slide the back end of the motor housing away from the front of the rotor.

## Step 16



- Remove the small piece of paper hanging on the power button.



## Step 17 — Oscillation Arm



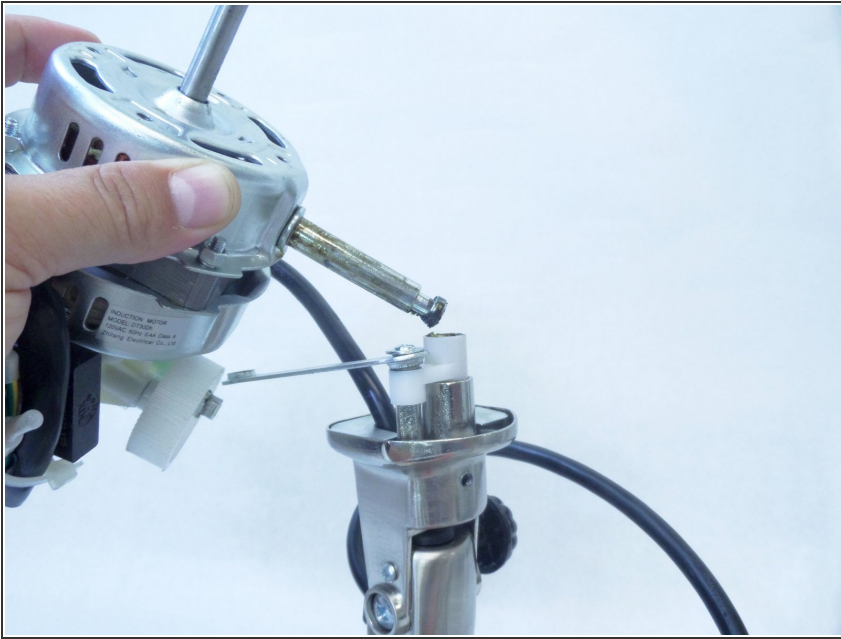
- Using a Phillips #3 screwdriver, unscrew the the 16 mm long screw fastening the oscillation arm to the lower oscillation gear screw.

## Step 18



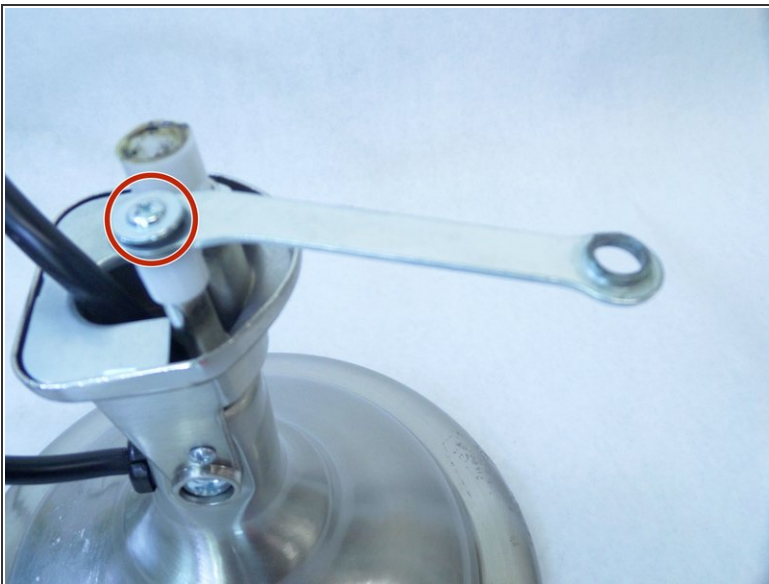
- Using a Phillips #3 screwdriver, unscrew and remove the 4 mm long bolt on the front face of the base that fastens the motor assembly to the base bolt.

## Step 19



- Remove the fan motor assembly from the base.

## Step 20



- Using a Phillips #3 screwdriver, unscrew the 15 mm long bolt fastening the oscillation arm to the fan base bolt.



## Step 21



- Remove the oscillation arm.

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