



## Fan Resoration

by [Jmario20](#) on February 14, 2010

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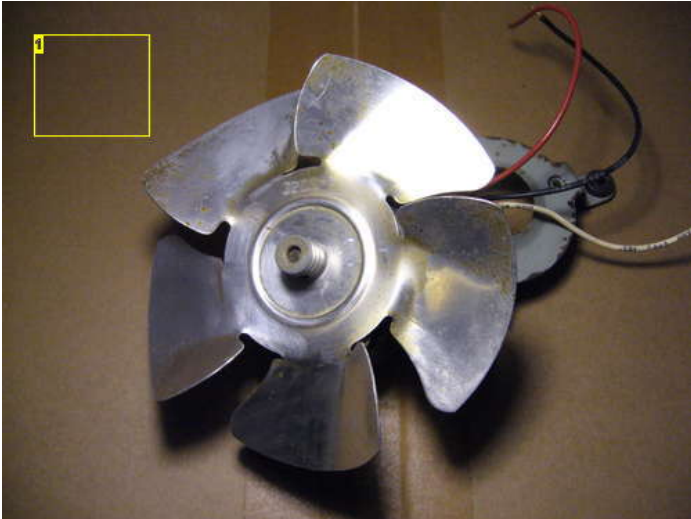


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Drummer/guitarist/swimmer/hurdler/tinkerer. What every teenager is, right?

## Intro: Fan Resoration

This fan still worked when I found it, but it looked really nasty. I didn't need to refurb it, but I thought it would be a nice first instructable.



### Image Notes

1. Not too bad for 40-50 years. I tried to get most of the yellow junk off with goo gone a while ago.

## Step 1: Take it Apart

First, I had to take the base off of it and the blades. The only problem was I couldn't get the blades off. They had rusted onto the shaft of the motor. That meant that I couldn't take out the screws from the motor or clean the blades easily. I wasn't too worried about it because I will be using it as an exhaust fan for another instructable (airbrushing booth).



### Image Notes

1. The yellow nasty stuff. It might have been grease but I don't know what from, it was in an electronics bin.



## Step 2: Polishing and Painting

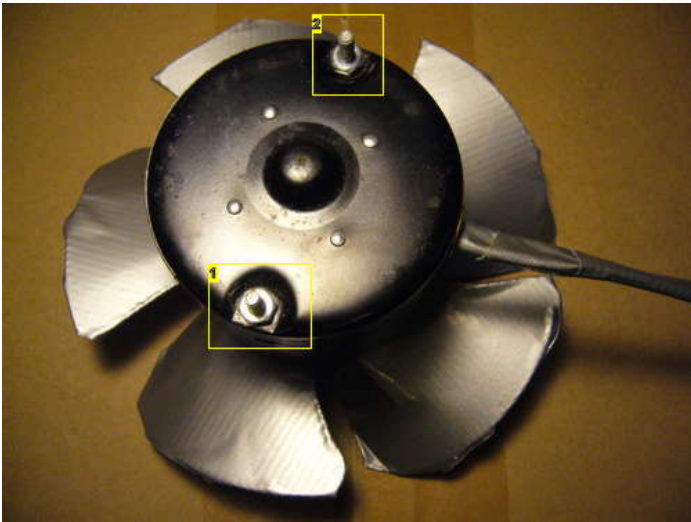
For the actual restoring part you will need:

- Duct Tape(of course)
  - paper towel
  - cotton cloth (old t-shirt)
  - pocket knife
  - small bucket o water
  - brillo pad
  - metal polish(kerosene works)
  - spray paint
- Gloves would be a good idea too.



## Step 3: Paint the Body Prep

You will want to tape off everything that isn't being painted. i.e. the blades, power info, and the cord. The take a dry brillo pad and lightly scuff the entire surface for the paint to grab onto.



**Image Notes**

- 1. I didn't worry about these.
- 2. I didn't worry about these.

**Step 4: Spray Away!**

I only put two medium coats of spray paint on and it looked pretty good.



### Step 5: Paint the Base Prep and Spray

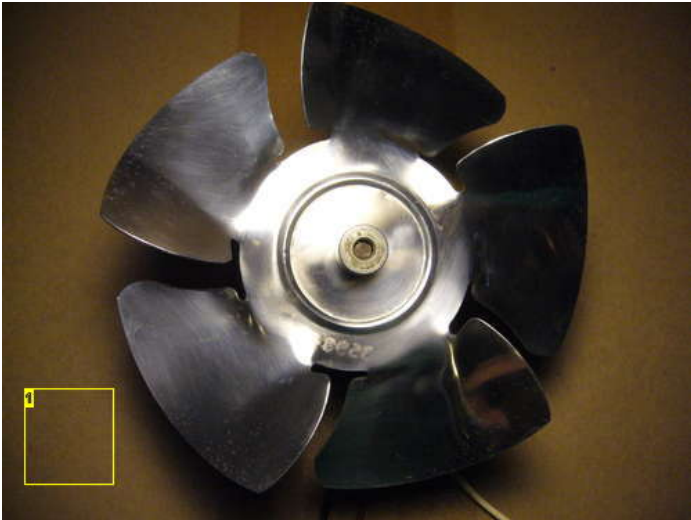
This was a little more involved, because there was rust. I took off the rubber grommets first with the pocketknife. Then, I had to use the wire wheel on my bench grinder to get all the paint off of it. Then, I sprayed two heavy coats of metallic paint to cover up the little pits. It still looked good.





### Step 6: Blade Polishing

For this I brushed the blades with a wet brillo pad, using the built in soap as lubricant to not scratch the surface so bad. Then, I put the cotton wheel on the bench grinder and buffed out the blades. After, I took the metal polish and shined it to a mirror finish. There should be a grey liquidy substance on the metal after applying the metal polish remove that while wet with the cotton cloth.



**Image Notes**  
1. Before wet brillo pad.



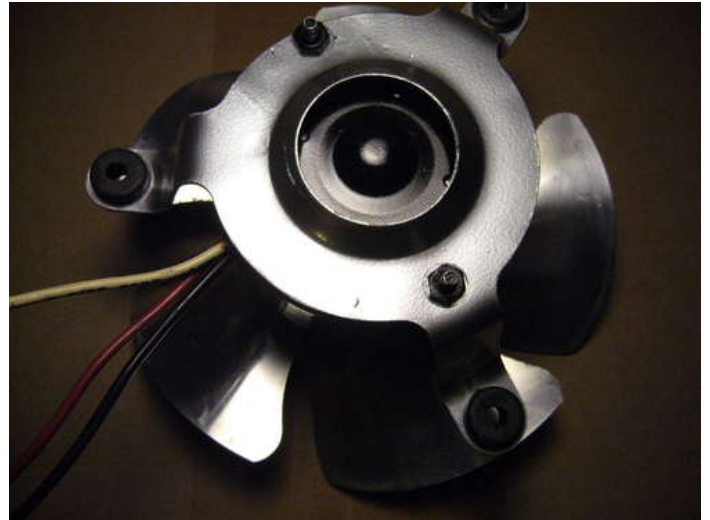
**Image Notes**  
1. After buffing.



**Image Notes**  
1. After metal polish application, before cloth wiping.

## Step 7: Done!

After assembling it all back together and plugging it into a power source, you're done.



## Related Instructables



**Antique Mower Restoration**  
(Photos) by Lucas.Worley



**HOW TO CLEAN YOUR CAR HEADLIGHT LENS** by harmitsingh



**Paint your motorcycle plastic tank and make decals** by mbha



**How to Clean and Polish Dirty Pennies (The Chemical Free Way)** by Shadow\_Force



**Hobby Auto Restoration: Primer and Sanding** by annk



**Rejuvenate your rusty screws!** by curbowman