



# Cooler Master Laptop Fan Replacement

In this guide you will see how to replace the fan in the Cooler Master Laptop Fan cooling pad.

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## INTRODUCTION

Overheating laptops can be a serious problem. Luckily devices like the Cooler Master Laptop Fan can help keep your laptop cooler than the fans in your laptop can. This helps extend the life of your laptop and allows better performance for your laptop as well. However even laptop fans can fail and need to be replaced.



### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Large Needle Nose Pliers](#) (1)
- [thermal compound](#) (1)



### PARTS:

- [CoolerMaster A16015-14CA-2IN-F1 5V 0.45A notebook cooling pad cooling fan](#) (1)



## Step 1 — Fan



- Set your laptop cooler on the table and make sure it is not plugged into a laptop or powered on.

⚠ Never try to open the cooler while plugged in.

## Step 2



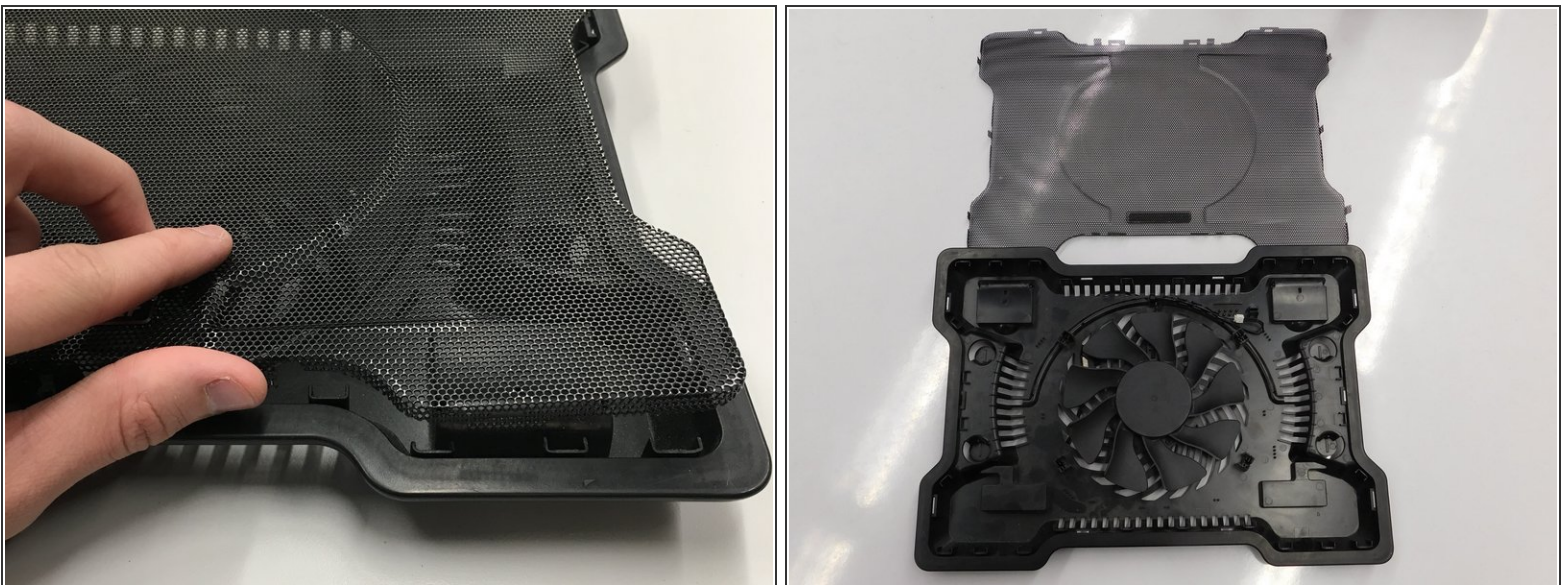
- Flip the Device over and find ten folded metal slots holding the metal cover onto the base.

### Step 3



- Bend each metal flap straight up with the pliers to allow the metal cover to slide off.

### Step 4



- Remove the cover and expose the inside of the Cooler.



## Step 5



- Unplug the power cable to the fan.

⚠ Make sure not to apply too much force and disconnect the wires to the device.

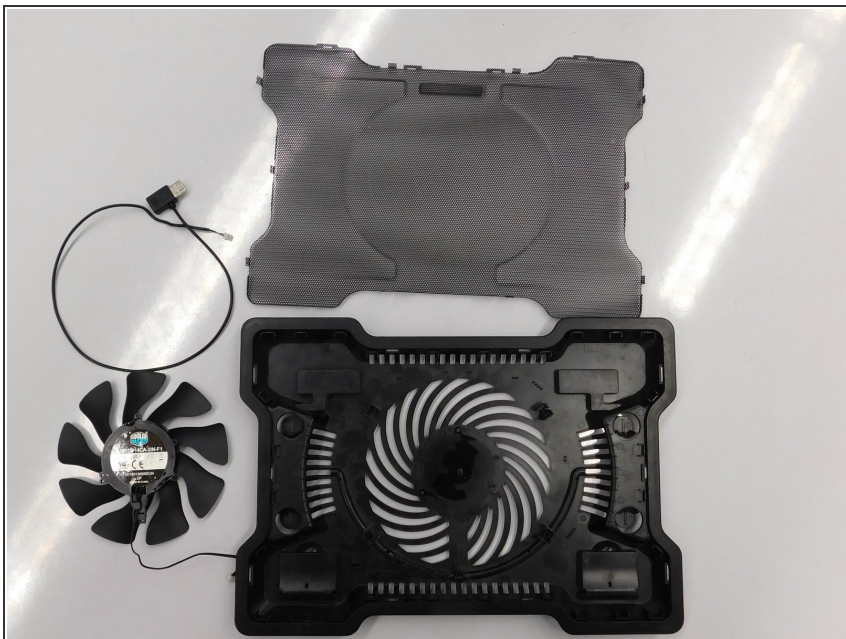
## Step 6



- On the bottom of the base locate the screw holes under the sticker on the base.
- Unscrew the three fan screws.



## Step 7



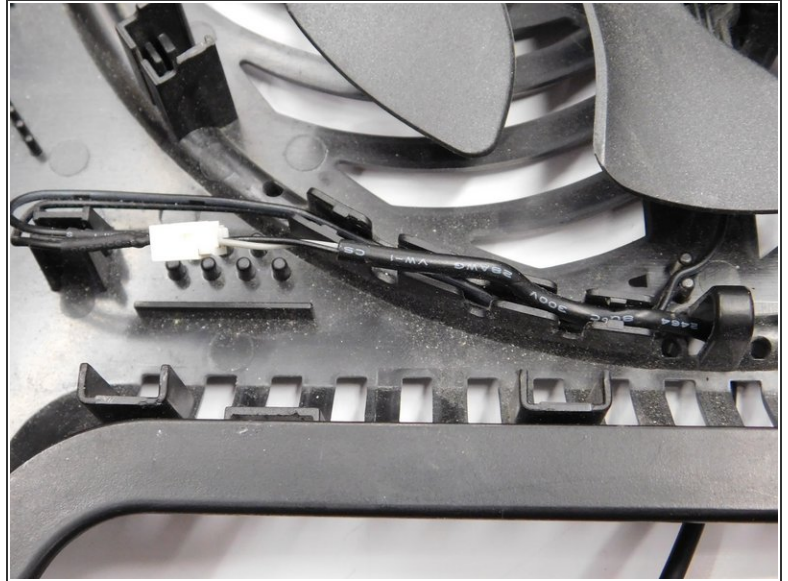
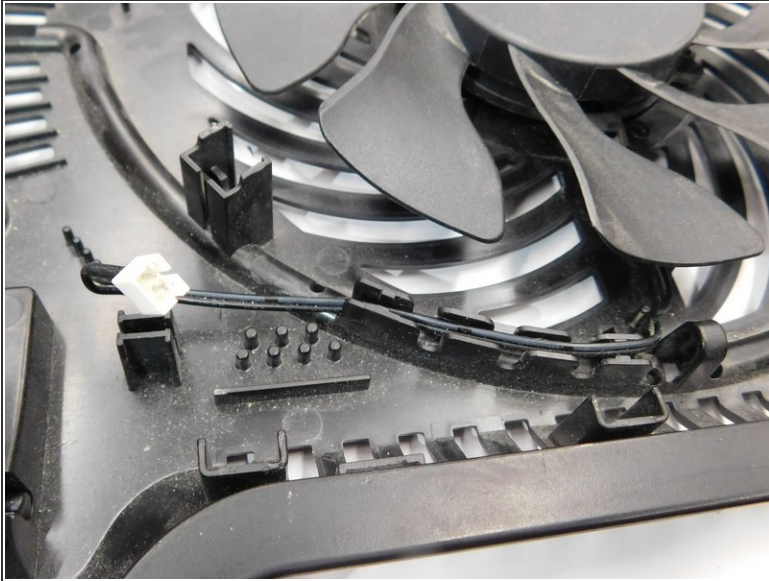
- Once all the pieces are taken apart, set aside the old fan and prep the new one for installation.

## Step 8



- Apply a small amount of thermal compound to the base where the fan sets.
- ⚠ Make sure to apply thermal compound to keep the fan from overheating and damaging the base.

## Step 9



- Connect power cable for the fan and place the cables back in their slots.

## Step 10



- Screw fan back onto base.



## Step 11



- Place cover back on base.

## Step 12



- Fold all metal flaps back to hold cover on base.



## Step 13



- Flip it over and it's finished.

Plug in the USB to insure proper working condition. And the cooling pad fan replacement is done.