



# Mac Mini Mid 2010 Cowling Replacement

Plastic cowling covering the heat sink.

Written By: Andrew Bookholt



---

## INTRODUCTION

Use this guide to remove the small molded plastic cowl used to direct cool air toward the heat sink.

---

### TOOLS:

- [T6 Torx Screwdriver](#) (1)
-

## Step 1 — Bottom Cover



- Place your thumbs in the depressions cut into the bottom cover.
- Rotate the bottom cover counter-clockwise until the white dot painted on the bottom cover is aligned with the ring inscribed on the outer case.

## Step 2



- Tilt the mini enough to allow the bottom cover to fall away from the outer case.
- Remove the bottom cover and set it aside.

## Step 3 — Fan



- Remove the two 11.3 mm T6 Torx screws securing the fan to the logic board near the antenna plate.

## Step 4



- Lift the ear of the fan nearest the RAM up off the standoff secured to the outer case.
- ⓘ If the fan doesn't separate from the standoff screw with a moderate amount of force, you can use a T6 Torx driver to simply remove this screw.

## Step 5



- Lift the fan out of the mini for enough clearance to access its connector.
- Carefully pull the fan cables upward to lift the fan connector up out of its socket on the logic board.
- Remove the fan.

## Step 6 — Cowling



- Remove the single 3.5 mm T6 Torx screw securing the cowling to the heat sink.

## Step 7



- Lift the cowling from the end nearest the antenna plate.
- Rotate the cowling away from the outer case and remove it from the mini.

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