



Installing Mac mini Model A1347 Cowling

Tools used in this guide

- [T6 Torx Screwdriver](#)



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.



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.