



iPod 1st Generation Logic Board Replacement

Use this guide to replace the logic board in your 1st Generation iPod.

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INTRODUCTION

Your iPod's motherboard controls just about everything on the iPod.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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Step 1 — Rear Panel



- ❗ Before opening your iPod, ensure that the hold switch is in the locked position.

Step 2



- ❗ Opening the iPod can be challenging; don't get discouraged if it takes you a few tries to get the iPod to open.
- Insert a plastic iPod opening tool in the seam between the white plastic front and metal back of the iPod. It helps to hold the iPod at top and bottom as shown and squeeze to help pop out the edge. Once you've inserted the tool, run it along the seam to free the five tabs holding the iPod together.

Step 3



- Continue to run the opening tool along the side of the case until all five tabs have been released.

Step 4



- Work around the corner of the iPod and release the two tabs holding the iPod together near the dock connector.

Step 5



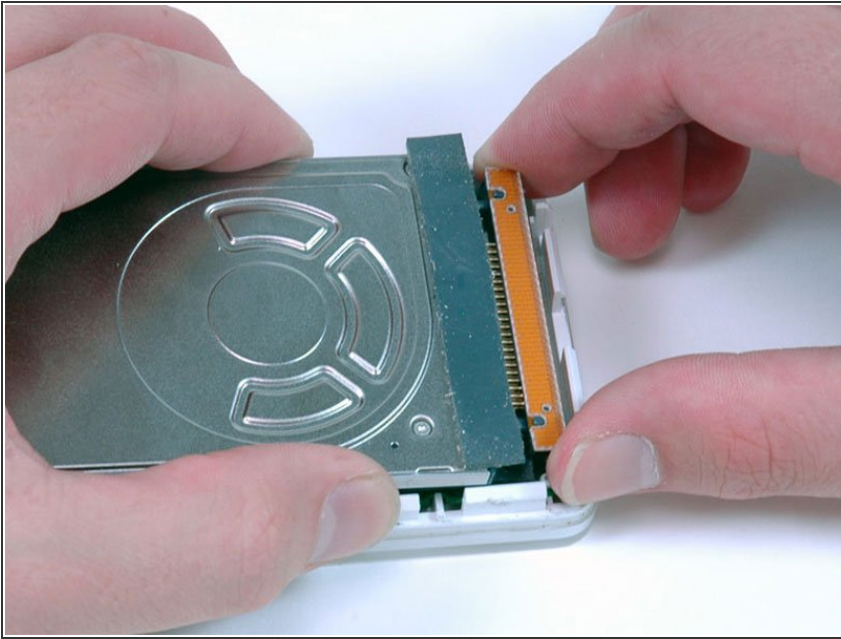
- Free the five tabs holding the iPod together on the other side. You may be able to free the tabs by gently wiggling the front panel of the iPod.
- Lift the rear panel away from the iPod.

Step 6 — Hard Drive



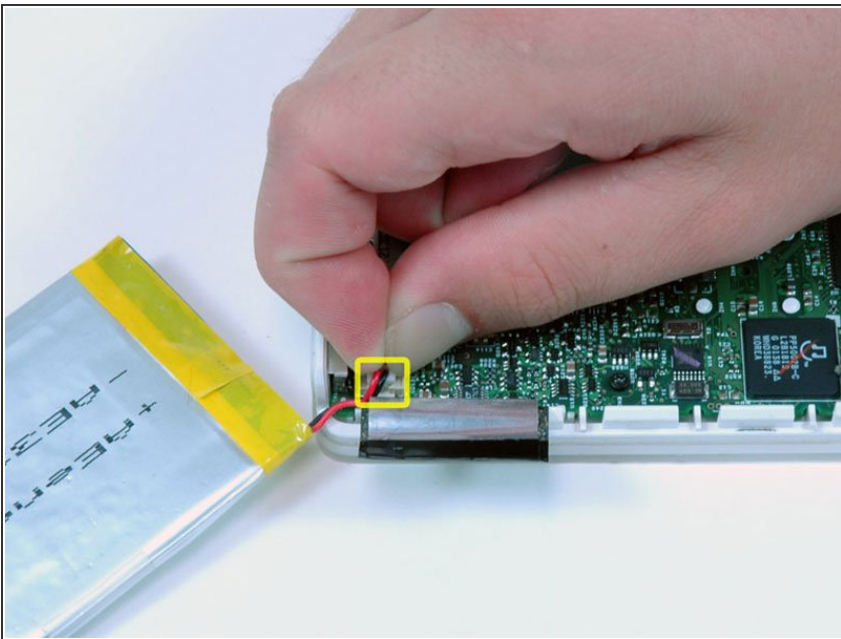
- Lift the battery up from the adhesive holding it to the iPod.
- Lay the battery next to the iPod (it is still connected to the logic board).

Step 7



- Carefully disconnect the orange ribbon cable from the hard drive.
- If the cable doesn't come free easily, it may be helpful to gently wiggle the cable from side to side.
- Lift the hard drive out of the iPod.

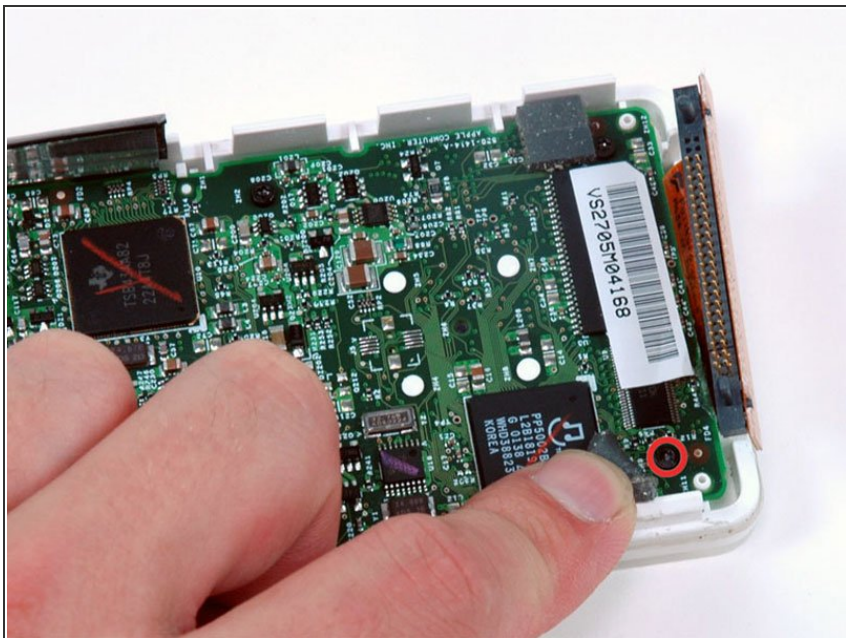
Step 8 — Display



- Carefully disconnect the white battery connector from the logic board. Be sure to pull only on the

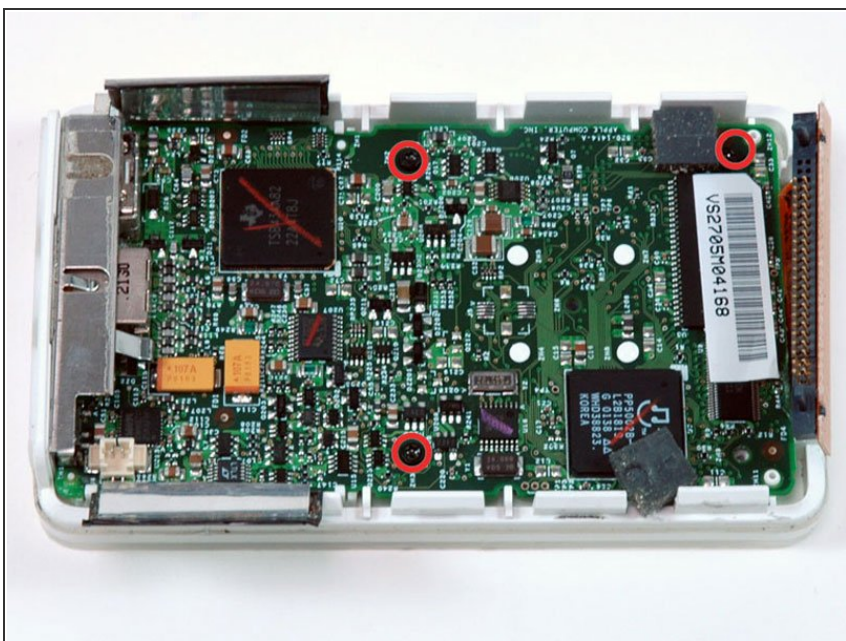
connector itself and not on the cables.

Step 9



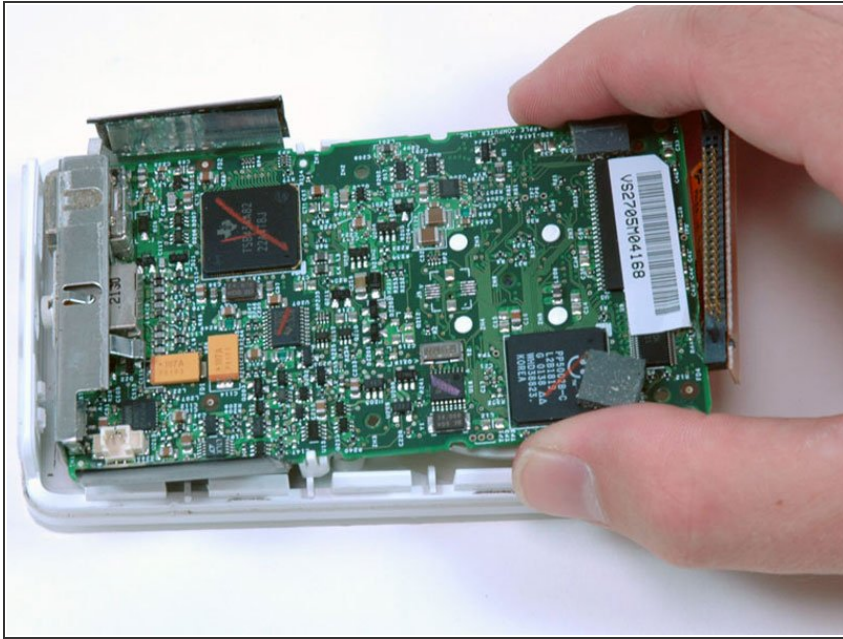
- Peel up the gray rubber bumper near the hard drive ribbon to reveal the T6 Torx screw beneath.
- Remove the newly revealed T6 Torx screw.

Step 10



- Remove the 3 remaining T6 Torx screws from the logic board.

Step 11



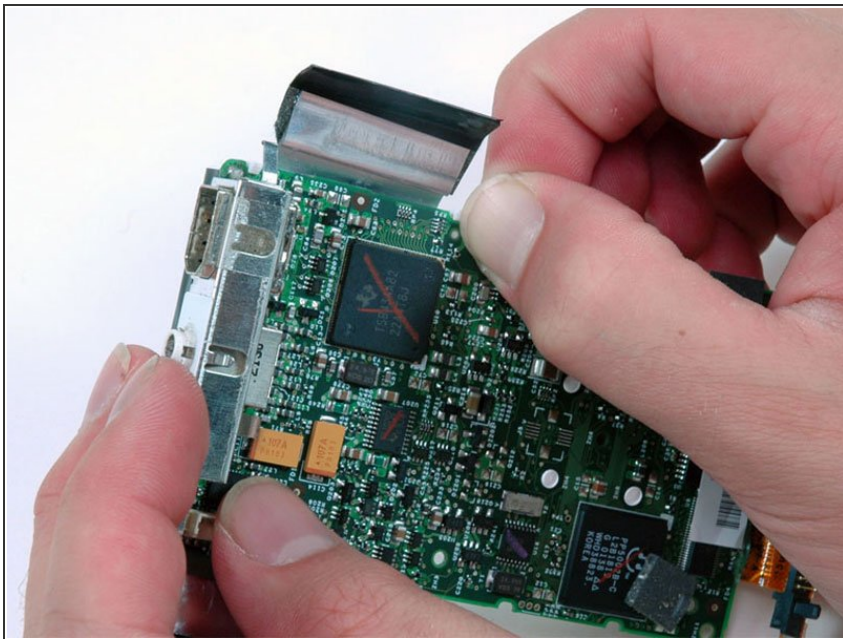
- Slide the logic board away from the port end of the casing and lift it out of the iPod.

Step 12



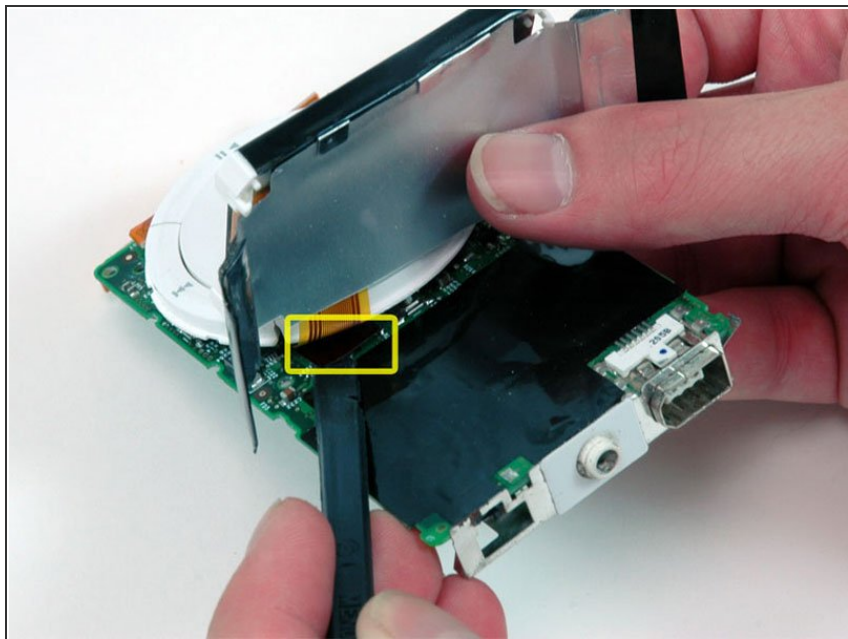
- Note the location of the four white plastic tabs securing the display to the logic board. These tabs must be released before the display can be removed.

Step 13



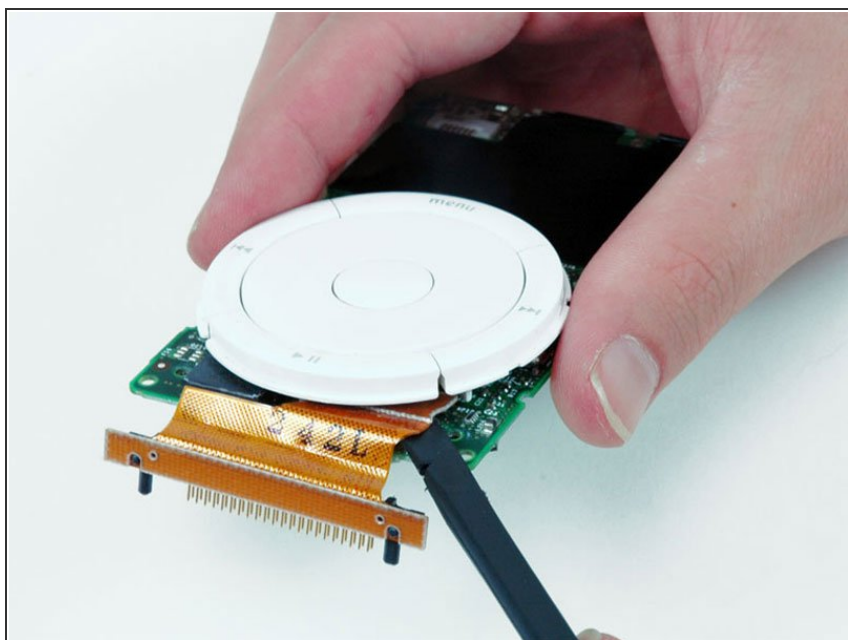
- Use a spudger or your finger to free the four white plastic tabs indicated in the previous picture.

Step 14



- Use a spudger to carefully disconnect the display ribbon cable from beneath the scroll wheel.

Step 15 — Logic Board



- Use a spudger to carefully disconnect the orange hard drive cable from beneath the scroll wheel.

Step 16



- Logic board & attached scroll wheel remain.

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