



iPod Nano 6th Generation Front Panel Assembly Replacement

Remove the front panel assembly to access most components in your 6th generation iPod Nano.

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INTRODUCTION

Use this guide to replace your Nano's front panel assembly. A new front panel assembly will provide a new front glass panel, digitizer, and LCD. The LCD is non-separable from the digitizer.



TOOLS:

- [Heat Gun](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)




PARTS:

- [iPod nano \(6th Gen\) Display Assembly](#) (1)

Step 1 — Front Panel Assembly



- Use a heat gun or hair dryer to soften the adhesive securing the perimeter of the front panel assembly to the outer case.

 Be careful not to overheat the front panel assembly, as it may result in damage to the LCD.

Step 2




- While the front panel is still warm, use the edge of an iPod opening tool to pry it from the headphone jack side of the front panel assembly out of the Nano.
- ⚠ Do not attempt to pry out the front panel assembly from, or insert the opening tool into the left side of the display, as the display data cable is right underneath and may be damaged in the process.
- Continue prying the perimeter of the front panel assembly out of the outer casing, being careful not to damage the display data cable held under its left edge.
- ⓘ If the front panel is excessively difficult to lift out of the outer case, reheat the area and try again.

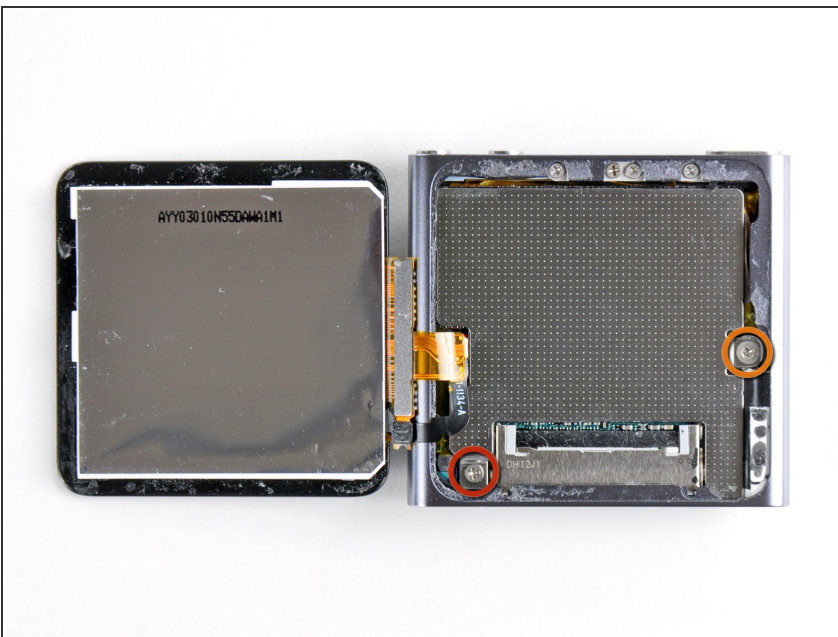
Step 3



- Lift the front panel assembly from the headphone jack side of the Nano.
- Pull the front panel assembly slightly away from the left side of the Nano to clear the display data cable.

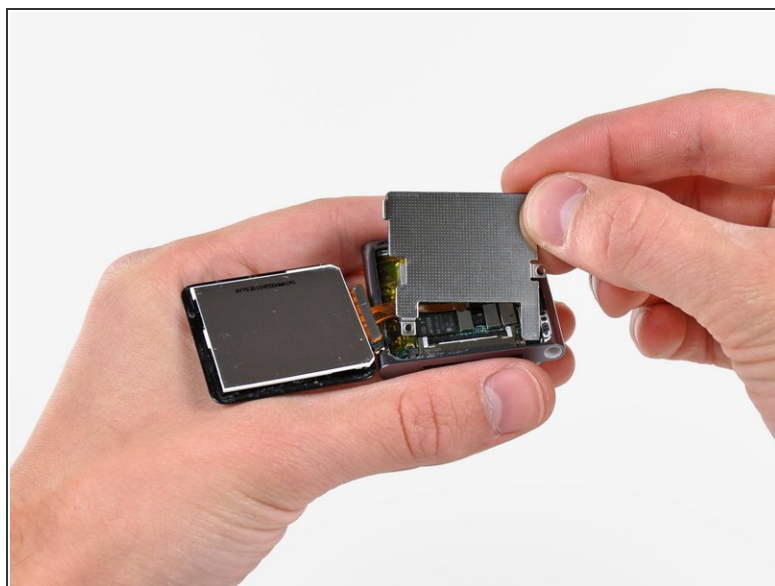
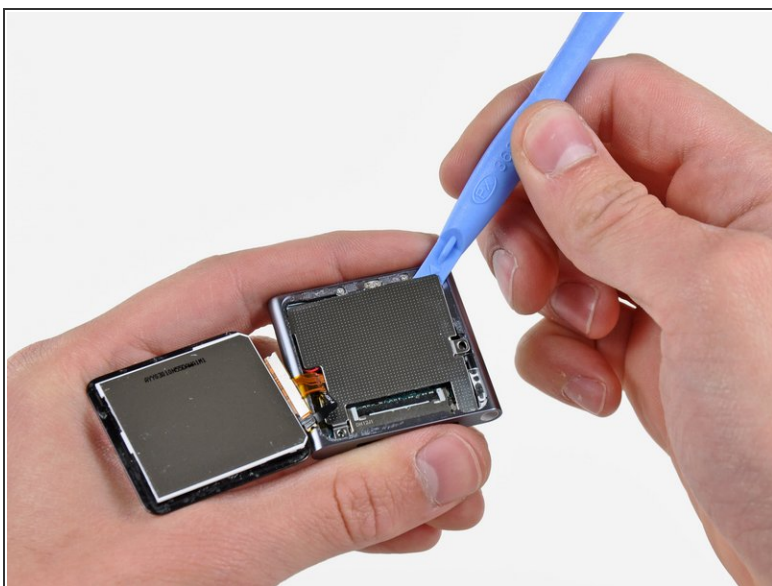
 The front panel assembly is still attached to the Nano by two cables.

Step 4



- Lay the front panel assembly next to the Nano.
- Remove the following two screws:
 - One 2.3 mm Phillips screw
 - One 2.6 mm shouldered Phillips screw

Step 5



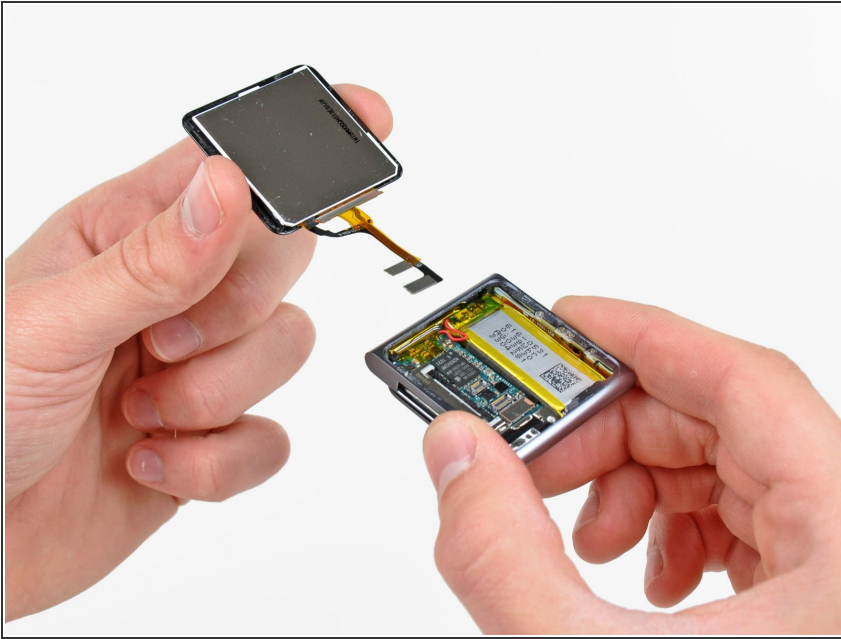
- Use an iPod opening tool to pry the steel shield out of the Nano by its upper right corner.
- Remove the steel shield from the Nano.

Step 6



- Use an iPod opening tool to disconnect the display data and digitizer cable connectors up from their sockets on the logic board.

Step 7



- Remove the front panel assembly, minding its two cables that may get caught. To reassemble, you can use the double-sided tape found [here](#).

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