



Apple iPod 3rd Generation Take Apart Repair Manual

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This manual is presented as a guide in order to help you repair problems on your iPod. Working on an iPod can be dangerous if not done properly. We at Powerbookmedic.com take no responsibility for any damage or harm done to yourself or your iPod as a result of reading this guide.

Suggestions for making this manual better? Email: sales@powerbookmedic.com

Tools Needed for Take Apart:

- Torx T6 Screwdriver (available from PowerbookMedic.com)
- Philips head screwdriver (size #00, available from PowerbookMedic.com)
- Flat pry tool (such as a black nylon tool available from our store)

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Top Case Removal

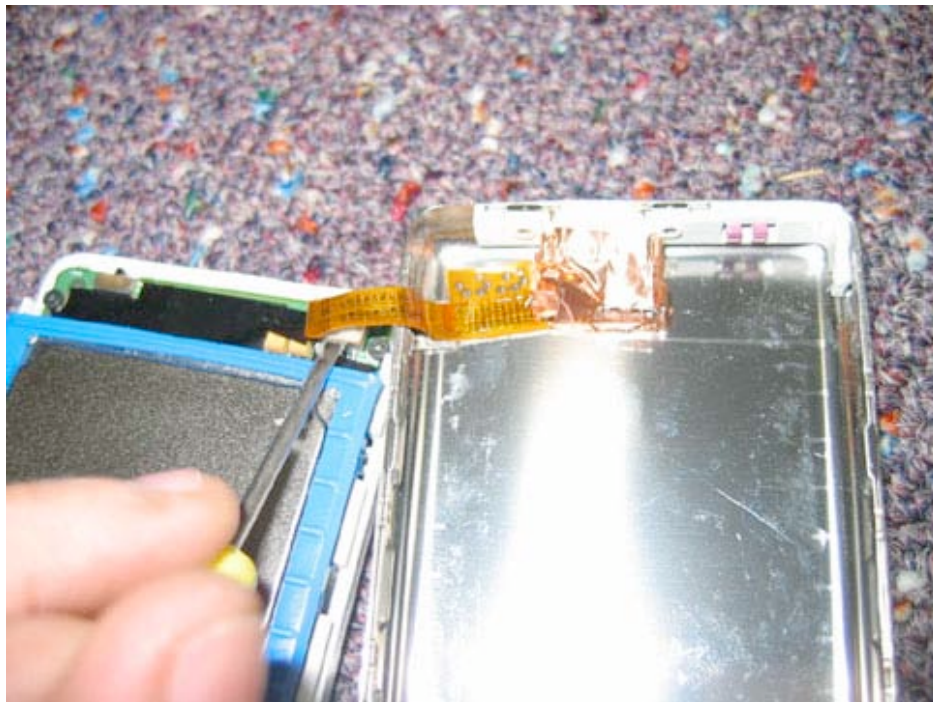
Begin by using a flat tool to separate the white plastic front case from the silver back case. You will need to stick your flat tool into the crevice, work it down into the crevice, and then pry up so that the casing separates. Apply enough pressure so that your flat tool does not slip and scratch your iPod!



Continue separating the casing by gently prying up all the way around the unit. It should be much easier to pry the casing apart after you get the initial corner started.



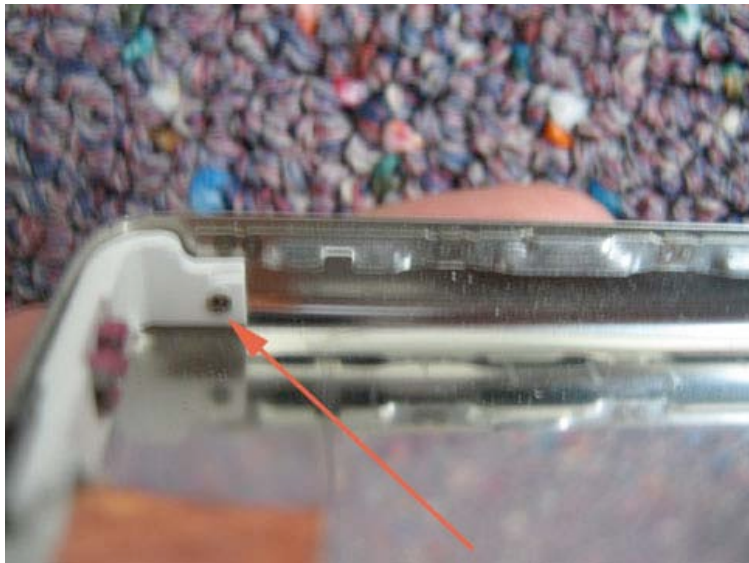
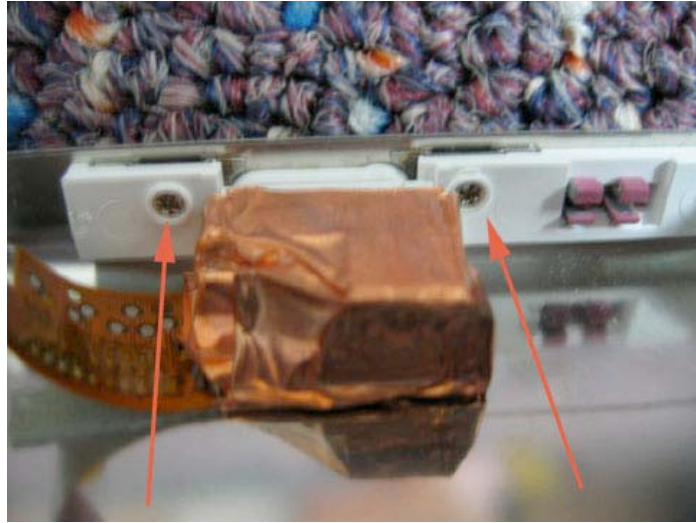
With the casing separated, grasp the top half (the part with the front bezel) and flip it over as shown. Note that there is an orange cable in the top left corner that connects the iPod logic board to the headphone ports. Use your flat tool to gently pry the cable up and out of its connector as shown in the second picture.



Headphone Jack Board Removal

Before proceeding, you must remove the top case.

There are three Philips head size #00 screws holding the headphone port in place at the locations shown in the pictures below. Remove these three screws.



Gently pull the orange cable away from the case as shown in the picture below to free it from the light adhesive holding it in place.



Use your flat tool to pry the headphone port towards you. It should come free easily.



Pull the headphone port out of the iPod. You may have to pull a little around the orange foil shield to release it from its adhesive backing.



Hard Drive Removal

Before proceeding, you must remove the top case.

Hold the hard drive up as shown, and using your finger or flat tool gently pry up the hard drive connector from the main board.

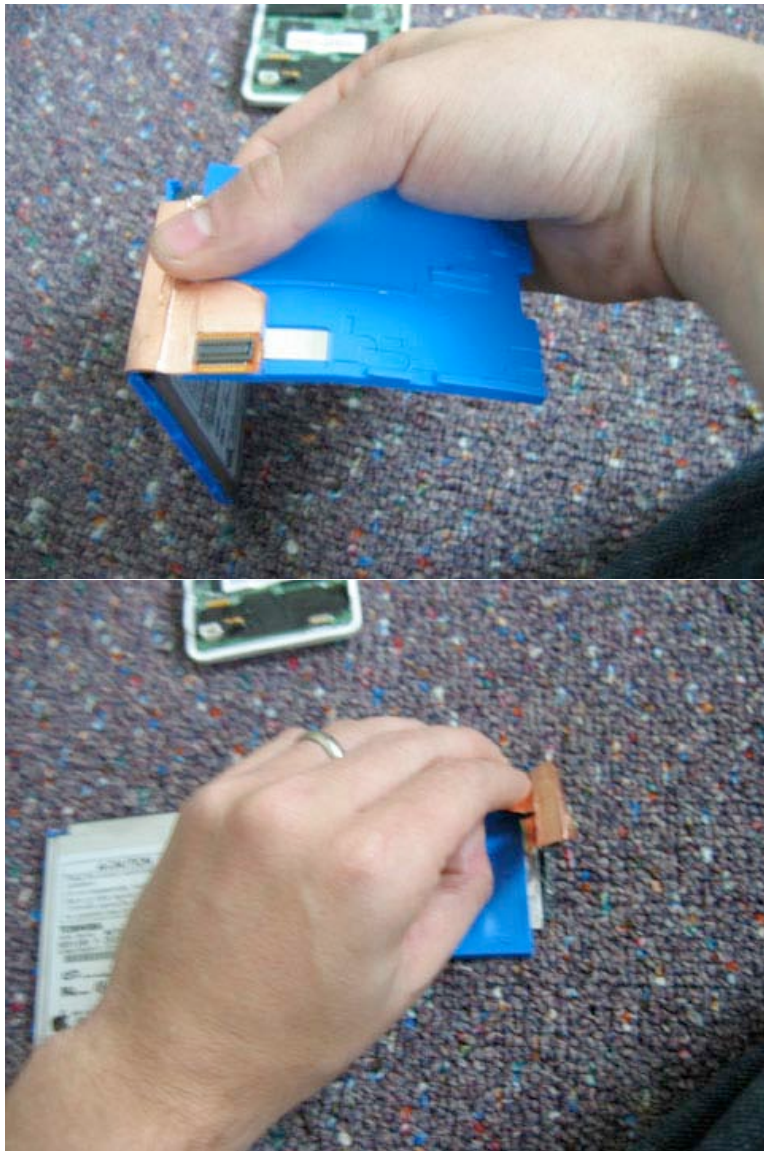


Hard Drive Cable Removal

Before proceeding, remove the hard drive.

To remove the hard drive cable, hold the drive as shown. Flip back the front blue plastic shock protector, and grasping it and the cable, pull up. The cable and shock protector should come out easily.

Next, remove the cable from the shock protector by pulling it off. It is held on with a light adhesive and some black tape.



Logic Board Removal

Before proceeding, remove the hard drive

First, disconnect the battery connector by grasping the cable and gently pulling up as shown to disconnect the cable from the logic board connector.



Remove the 6 black T6 Screws in the locations shown. Note that to reveal the screw in the top right, you may need to pull back the black shield slightly.



Next to the battery, you will notice an orange cable, and some black tape partially covering that cable. Using your flat tool, push the black tape away from the cable.



Use your flat tool to gently pry up on this cable to release it from its logic board connector. With the connector released, you will be able to remove the logic board from the body of the unit by simply lifting it up.



Battery Removal

Before proceeding, first remove:

Hard Drive
Logic Board

With the logic board free, the battery should also be free. It may still be connected at the top by the black strip of adhesive tape. If it is, gently pull on the battery to free it from the tape, and the battery will be easily removed.



LCD Removal

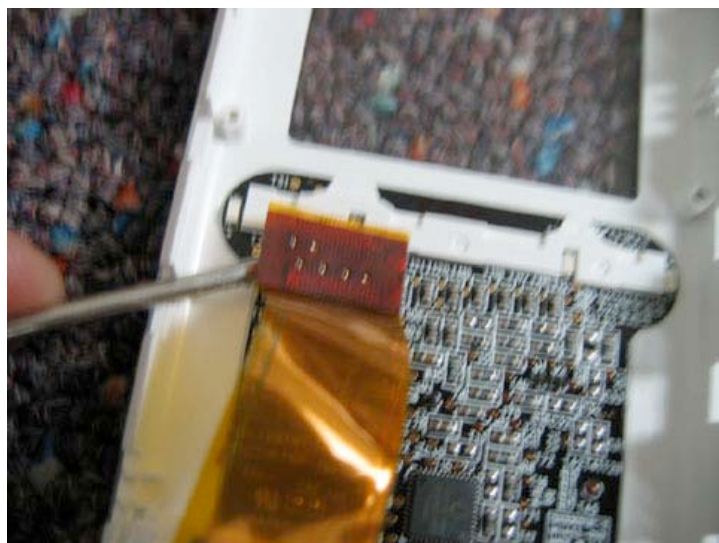
Before proceeding, first remove:

Hard Drive
Battery
Logic Board

To remove the LCD, first reach into the front panel and left the LCD up. Then flip it back towards you.



Use your flat tool to get underneath the cable and gently pull up. The connector should come free easily and the LCD will be free to be replaced. ** Note – Do not use your fingers to pull up on the cable as you may damage the display cable!

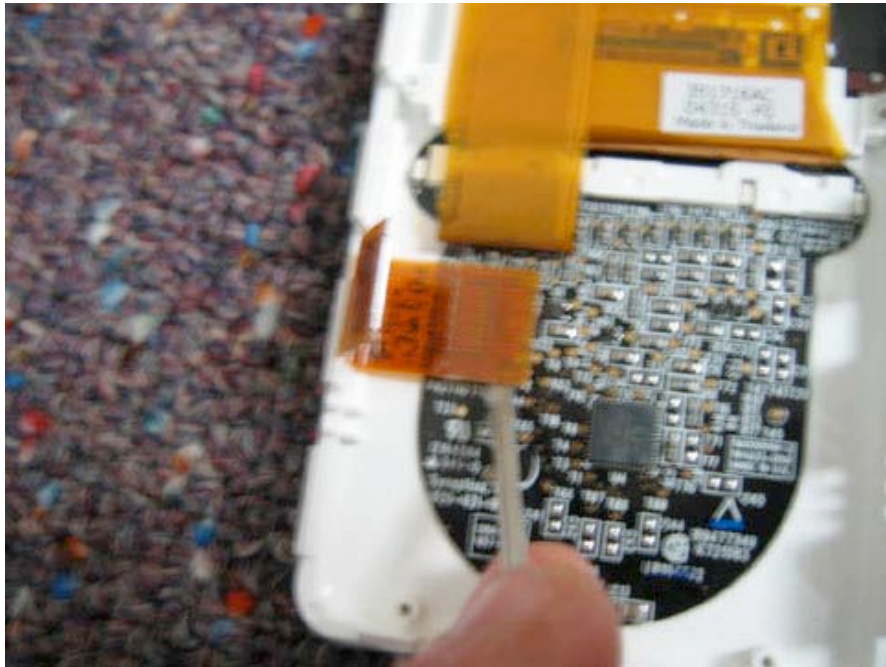


TouchWheel Cable Removal

Before proceeding, first remove:

Hard Drive
Battery
Logic Board

To remove the TouchWheel cable, position your flat tool under the cable as shown in the picture below, and pull up. It should come free easily.



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