



MacBook Air 13" Mid 2012 I/O Board Cable Replacement

Use this guide to replace the I/O board ribbon...

Written By: Andrew Optimus Goldheart



INTRODUCTION

Use this guide to replace the I/O board ribbon cable.



TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)



PARTS:

- [MacBook Air 13" \(Mid 2012\) I/O Board Cable](#) (1)

Step 1 — Lower Case



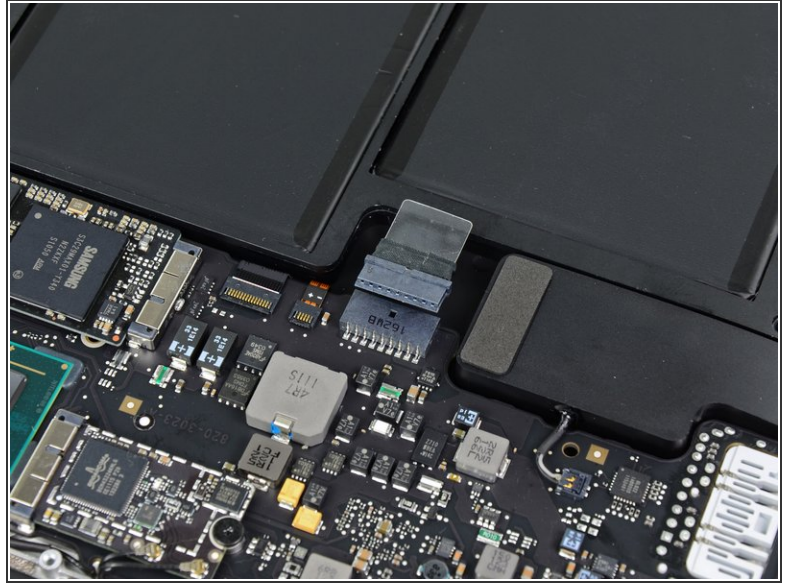
- i Before proceeding, power down your MacBook. Close the display and lay it on a soft surface, top-side down.
- Use a [P5 Pentalobe](#) driver to remove ten screws securing the lower case, of the following lengths:
 - Two 9 mm screws
 - Eight 2.6 mm screws

Step 2



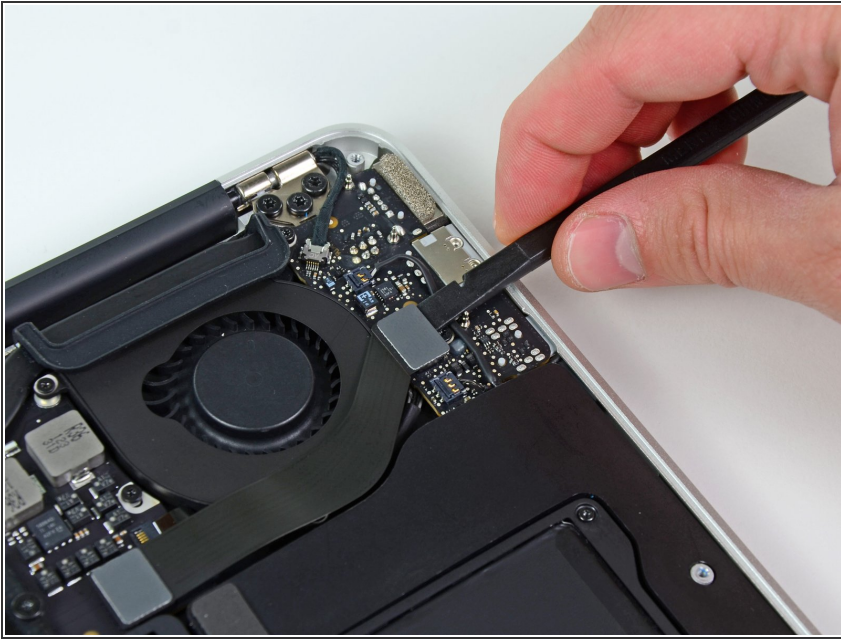
- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.
- Remove the lower case and set it aside.

Step 3 — Battery Connector



- i** As a precaution against accidental discharge or shock, disconnect the battery connector from the logic board.
- Grab the clear plastic pull tab attached to the battery connector and pull it toward the front edge of the Air to disconnect the battery from the logic board.
- !** Be sure to pull the connector horizontally toward the battery, and not straight up from the Air, or you may damage the socket on the logic board.

Step 4 — I/O Board Cable



- Use the flat end of a spudger to pry the I/O board cable connector upward out of its socket on the I/O board.

Step 5



- Carefully peel the I/O board cable from the top of the fan.

Step 6



⚠ The following connector has an especially deep socket. Use care when disconnecting it.

- While gently pulling the I/O board cable upward near its connection to the logic board, use the tip of a spudger to pry upward on alternating sides of the connector to help "walk" it out of its socket.
- Remove the I/O board cable.

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