Macintosh PowerBook 165c Modem Card Replacement
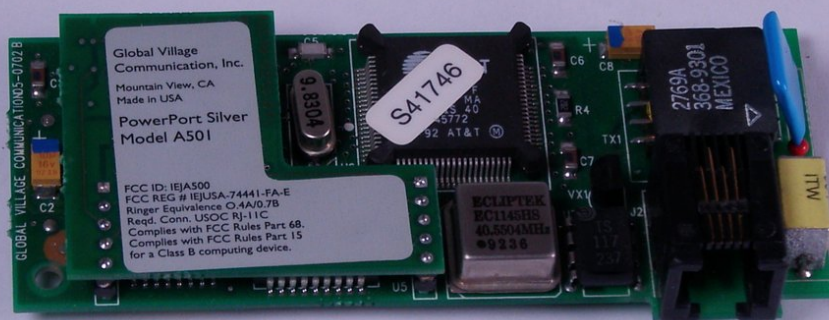
This guide will demonstrate how to replace the Macintosh PowerBook 165c Modem Card.

Written By: John

INTRODUCTION

Use this guide to replace the Modem Card.

🔧 TOOLS:

- T10 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)

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Step 1 — Battery

- Orient the computer so the battery is facing you.

- Slide the gray plastic battery cover to the right.

Step 2

- Pull the battery toward yourself until it is fully detached.

Step 3 — Input/Output Door

- Orient the computer right side up with the rear facing you.

- Open the Input/Output (I/O) door.

Step 4

- Carefully bend the door into an arch until one of the pins releases from its slot.

- Once one of the pins is free, remove the I/O door from the computer.

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Step 5 — Lower Case

- Orient the computer with the bottom facing up and rear facing you. You should be able to read the Macintosh label in this position.
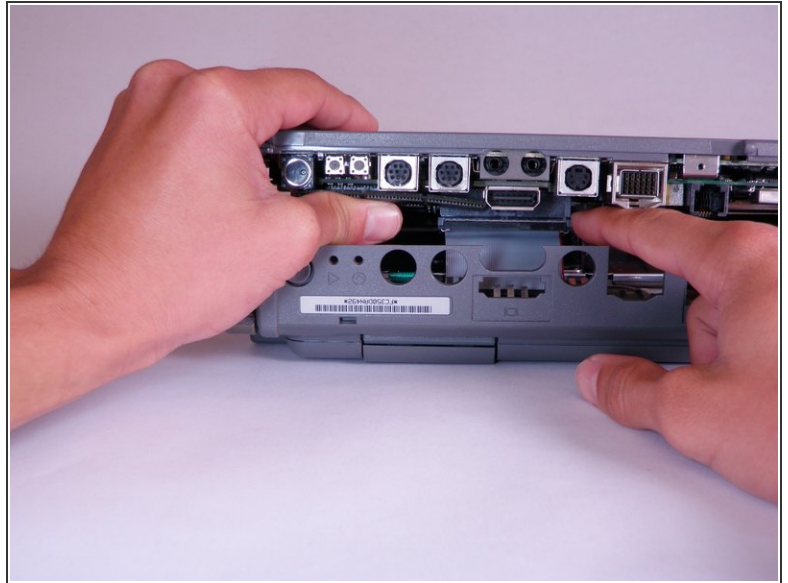
Step 6
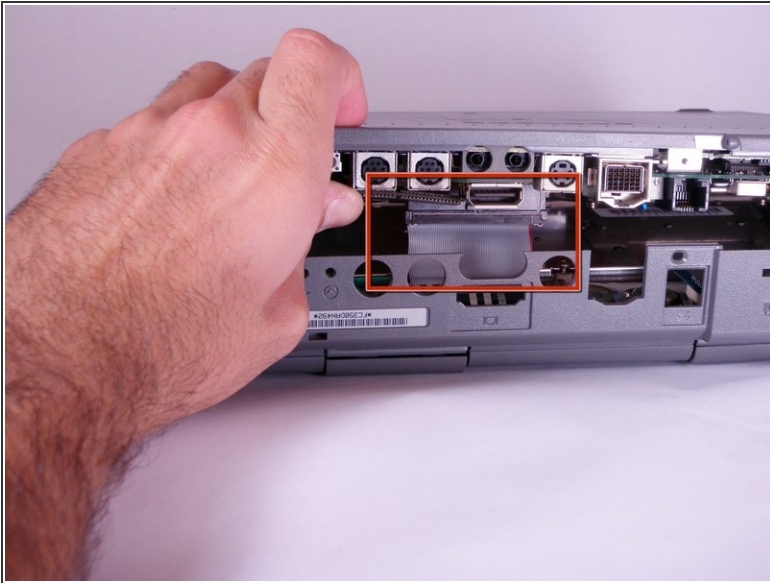

- Use a T8 torx screwdriver to remove the 6.8mm long screw above and to the right of the modem jack.

- Twist counter clockwise to remove the screw.
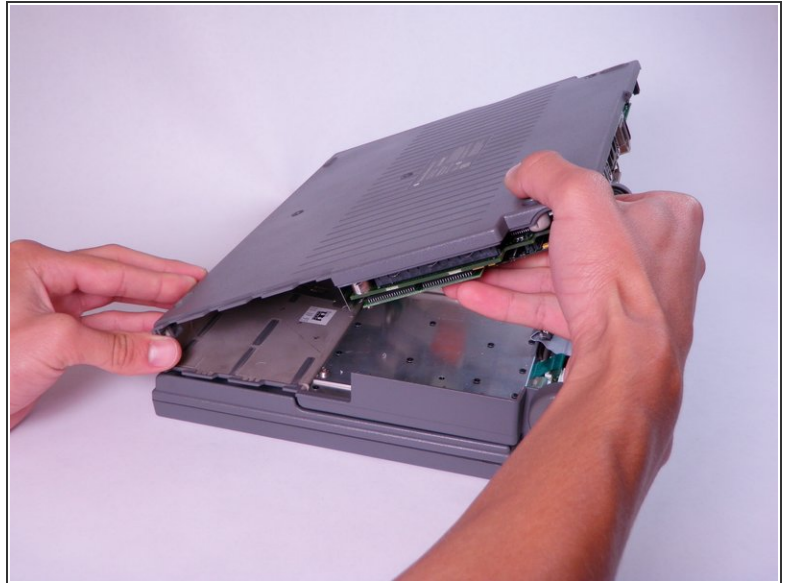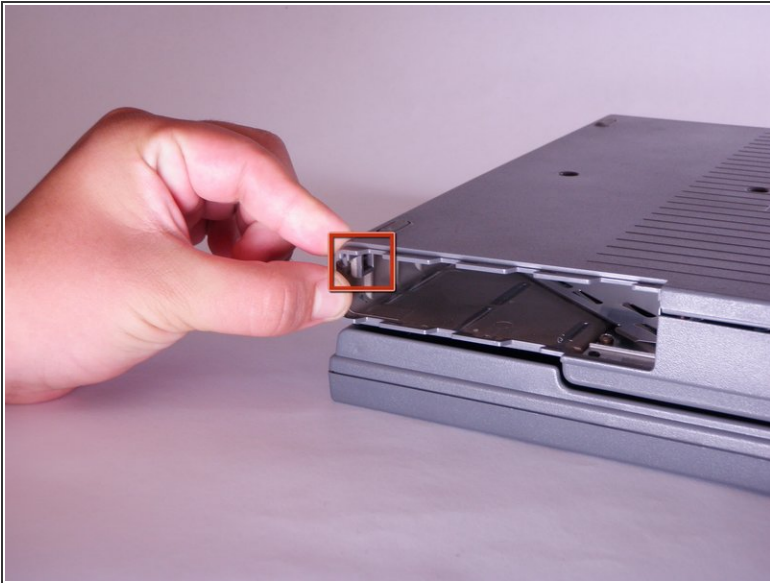
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Step 7

- Use a T10 torx screwdriver to remove the four, 18mm long screws from the lower case.
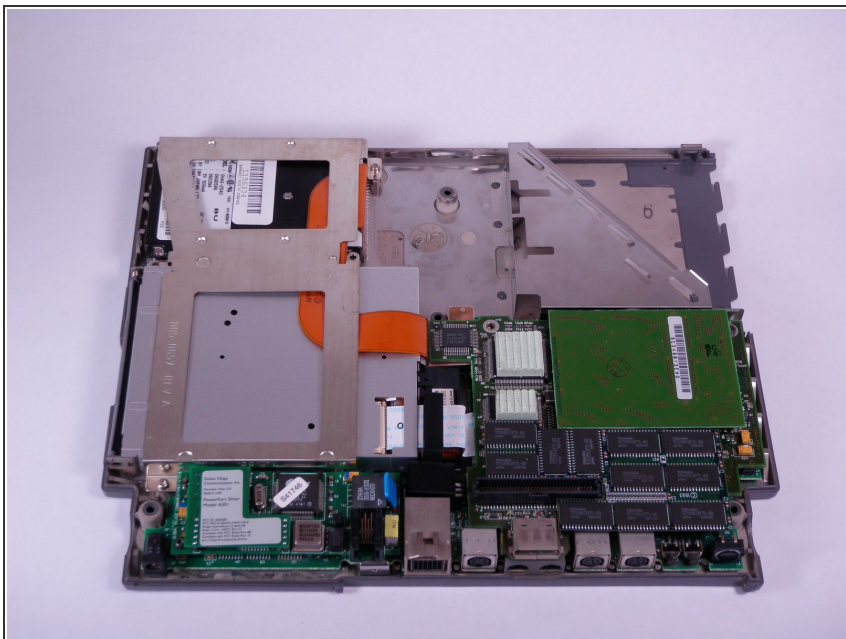
Step 8

- Place your hands on the lower case, just above the I/O panel, and slowly lift the lower case a few inches above the main body of the computer.

- Release the large, gray interconnect ribbon cable just behind the I/O panel.

- ⚠ Caution: Lower case cannot be fully removed until two plastic clips in the front corners are released. See the following step for details.
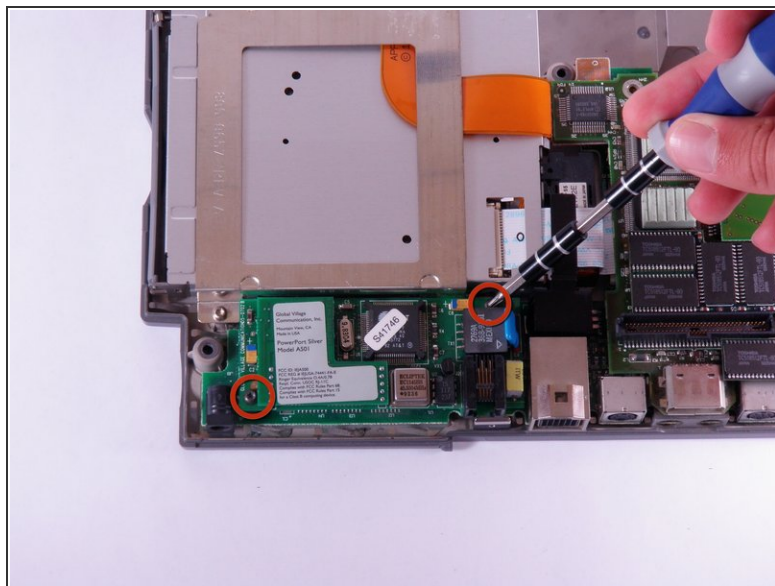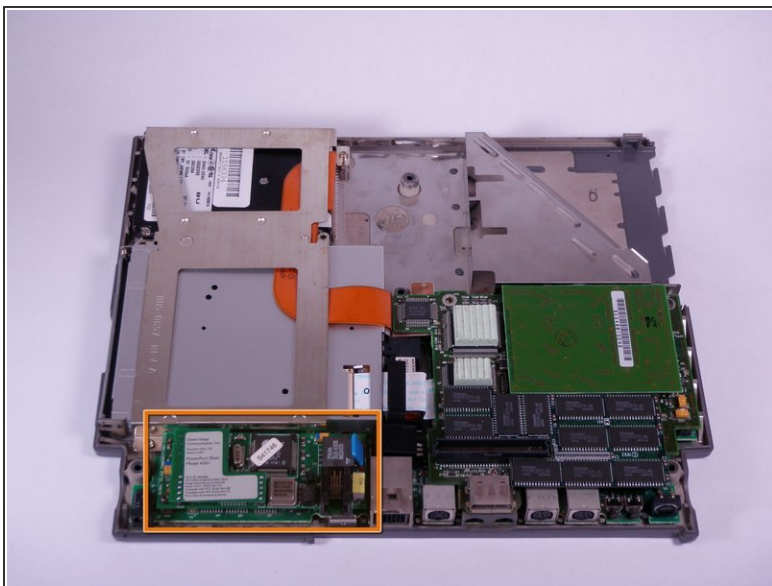
Step 9

- Place your thumb on the upper case, inside the empty battery slot, and your index finger near your thumb on the left side of the lower case.

- Pinch your thumb and index finger towards each other to release the clip. Without releasing pressure on the pinch grip, use your index finger to push the lower case upwards.

- Lift the lower case to remove it.

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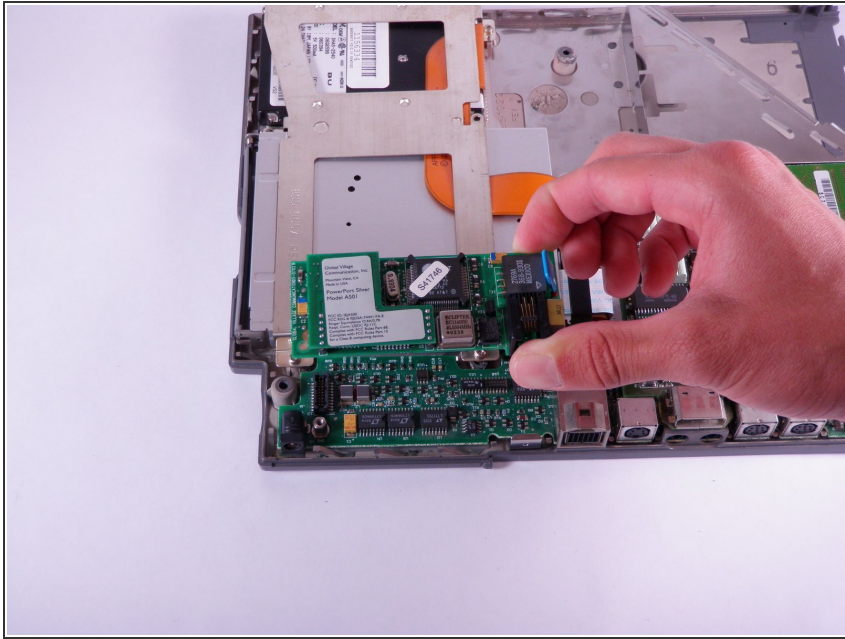
Step 10 — Modem Card

- Orient the computer so the ports are facing you.

Step 11

- Locate the Modem Card on the lower case.

- Use a T8 torx screwdriver to remove the two, 7.7mm long screws from the two corners.

- ⓘ The modem card is an optional component on the Macintosh 165c, and may not be included in all devices.

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Step 12

- Lift the modem card directly upward until it releases from the connector.

- If the modem card is difficult to remove, gently jostle it back and forth as you lift up.

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