Midiman Oxygen 8 Backplate Disassembly

This guide will go over disassembly of the back panel of a Midiman Oxygen 8 Keyboard.

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INTRODUCTION

This guide will go over disassembling the back panel of the Midiman Oxygen 8 Keyboard, allowing you to access the rest of the internal components. This is a Prerequisite guide.

🔧 TOOLS:
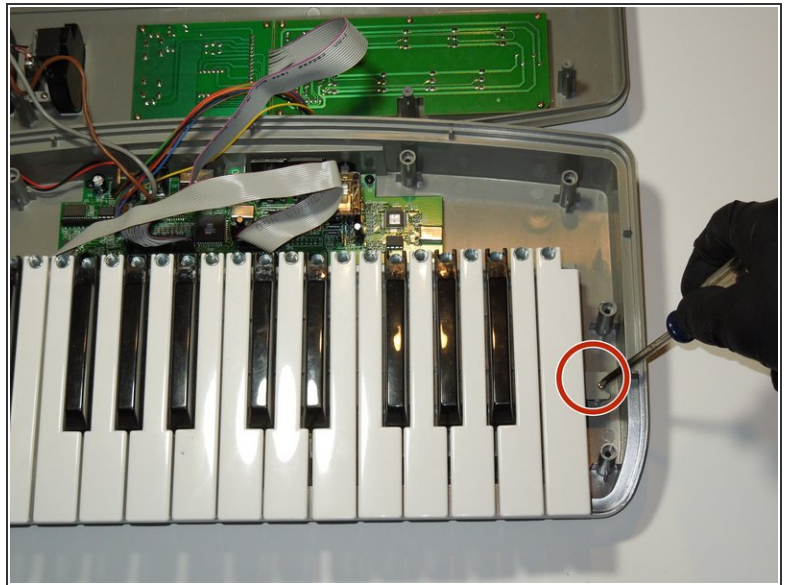
- JIS Driver Set (1)

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Step 1 — Midiman Oxygen 8 Backplate Disassembly
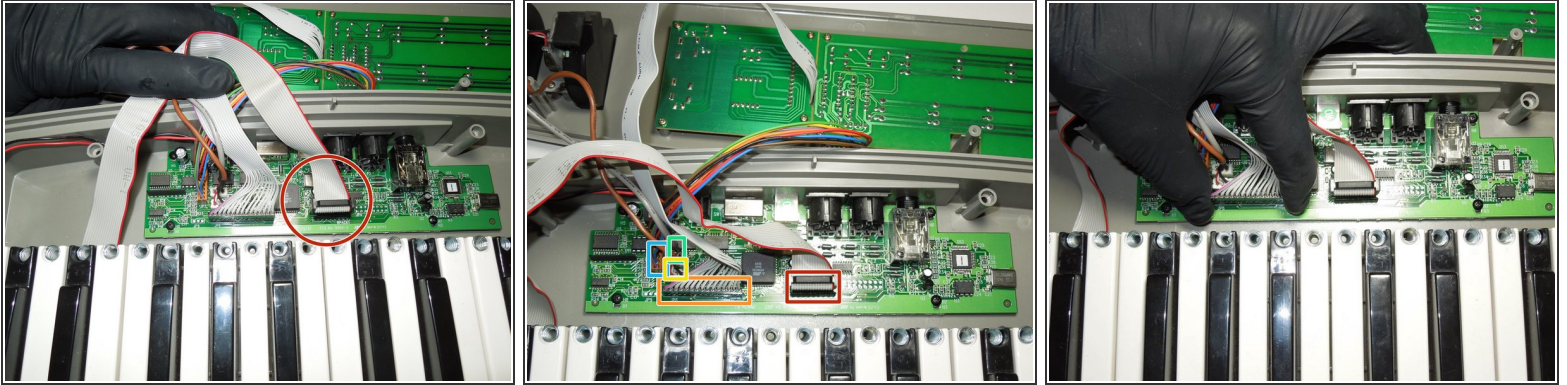

- Remove the 8 mm M3 Phillips head self tapping machine screws.

  ⚠ Several of the screws are in narrow, deep sockets; make sure to use an appropriate screw driver to remove them so as not to damage the cover during removal.

- Remove all 13 of the back plate screws.

Step 2

- Remove the two highlighted 10 mm M3 galvanized machine screws using the J1 head fro the iFixit Tool Kit or a comparable tool.
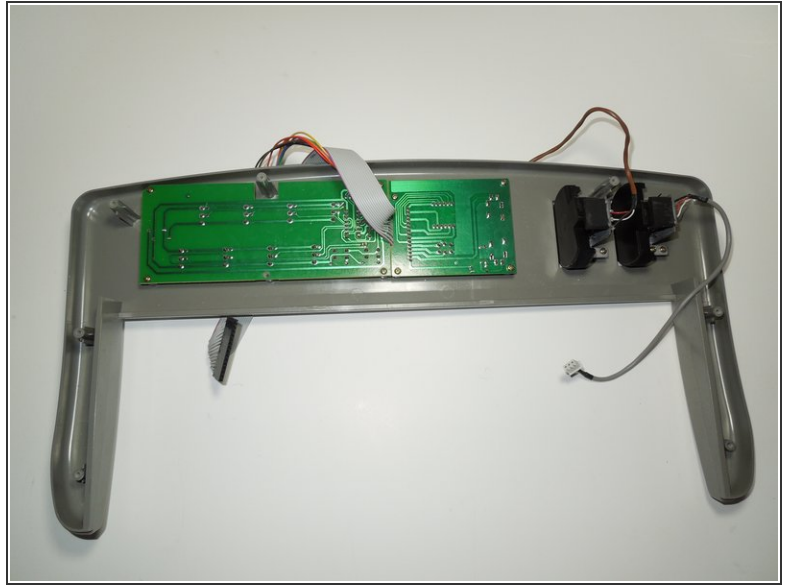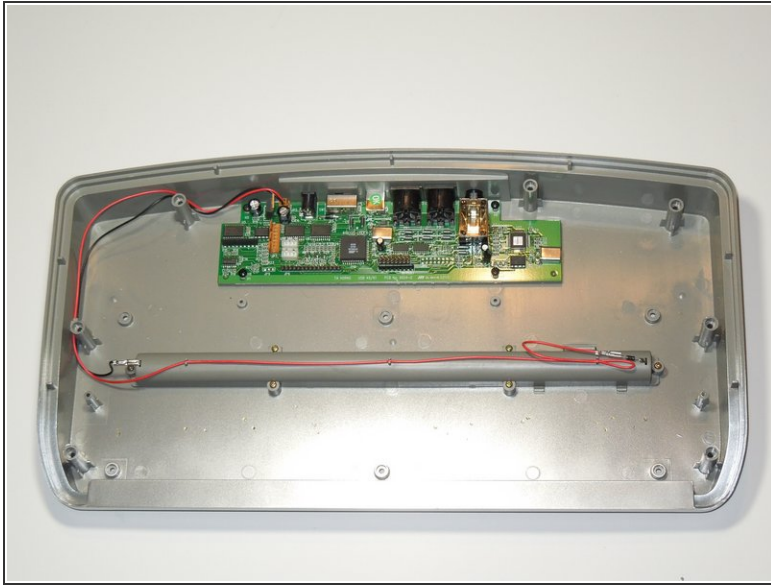
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Step 3

- **Removal of Ribbon Cables**

  ⓘ Prior to removal, note, mark, or take photo's of the position of all connectors. Specifically note the side that the red wire is on, as ribbon cables are polarized cables that must be re-installed correctly. Installing the cables backwards may cause damage to the device or significantly hinder the troubleshooting process.

- To separate the back plate, remove all five cables that connect to the motherboard but do not originate from the back plate; the key assembly, LCD circuit, rotor tuning circuit, and the pitch and modulator circuits. None of these cables require tools to remove, simply apply firm upward pressure to remove them.

Step 4

- Remove the key assembly from the key board.

- What remains is the back plate and the top plate assemblies.

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

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