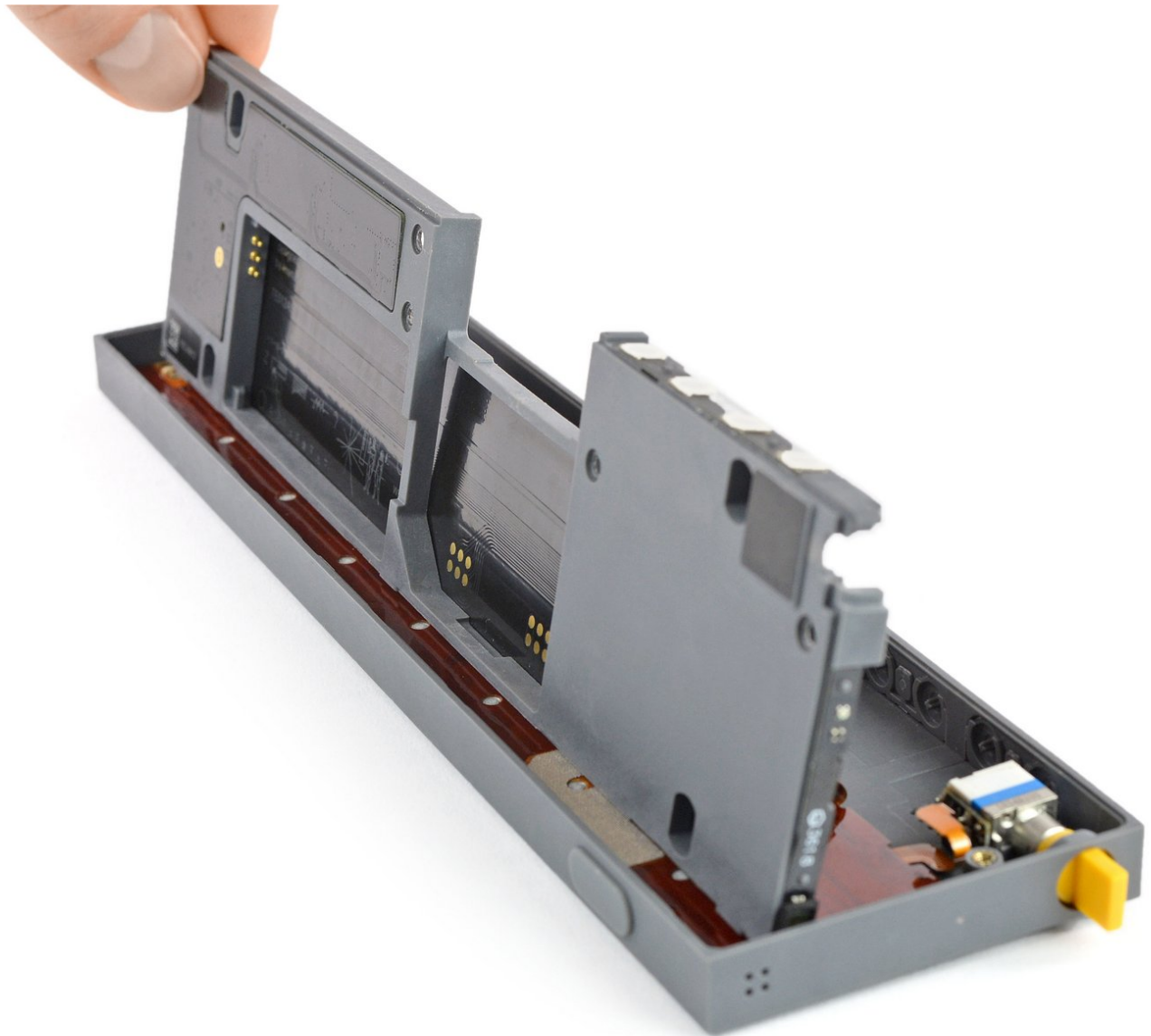# Teenage Engineering OP-Z Midframe Replacement

How to remove the midframe in an OP-Z.

Written By: Tobias Isakeit
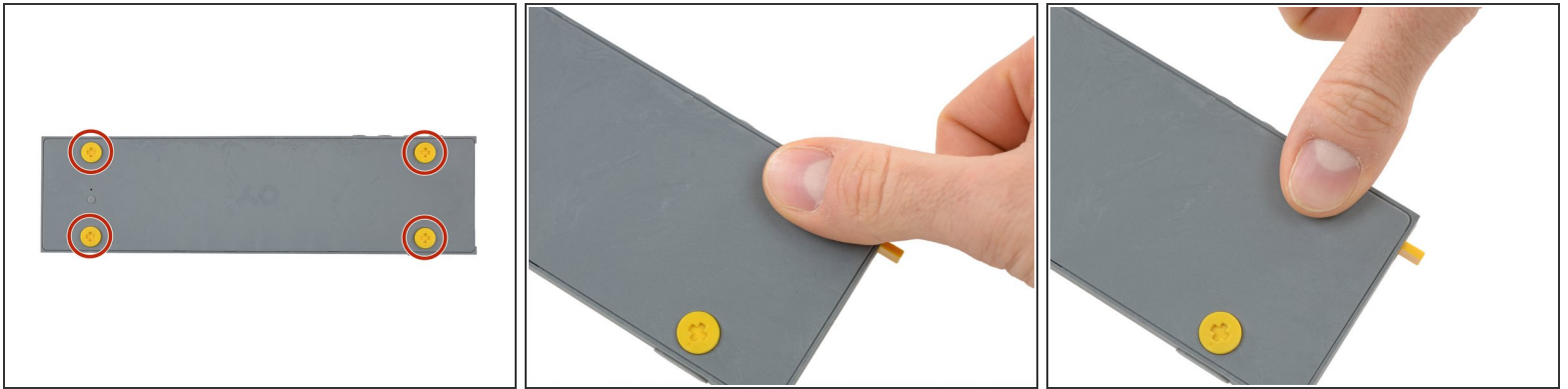
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INTRODUCTION

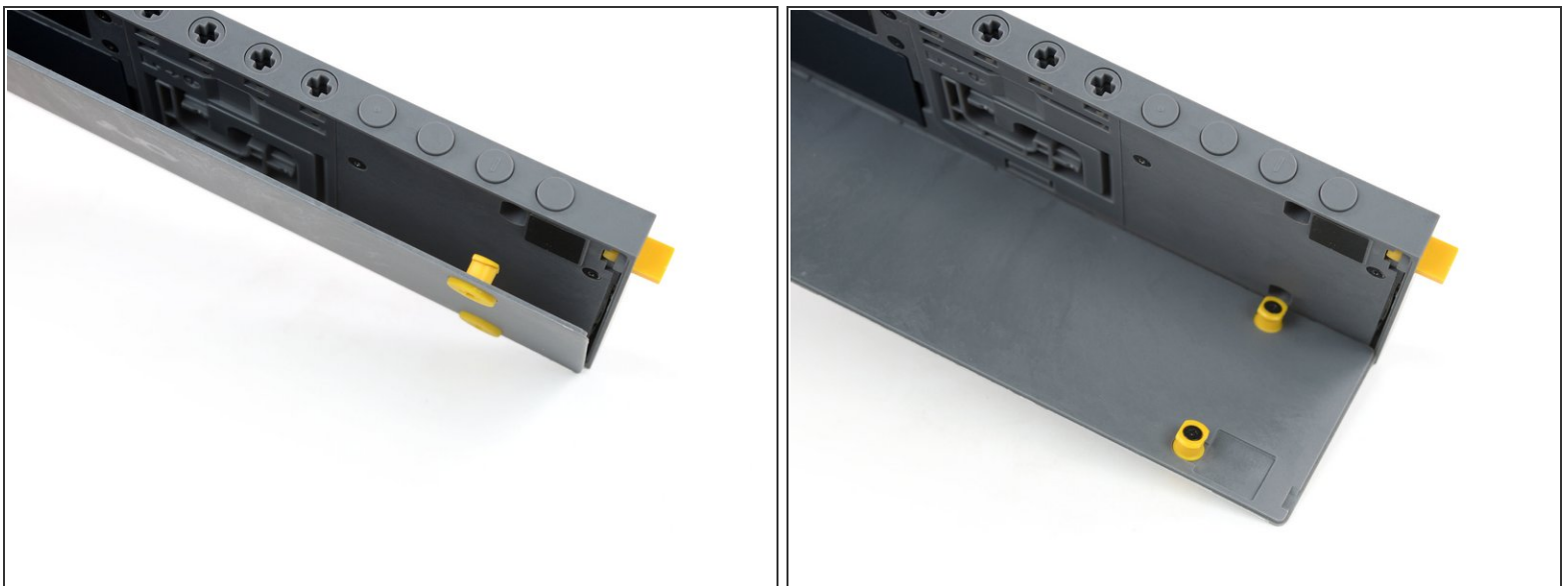Use this guide to remove the midframe in an OP-Z.

🔧 TOOLS:

- Spudger (1)
- T4 Torx Screwdriver (1)

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Step 1 — Back Cover

- Unlock the four rubber feet by turning them 90° counterclockwise using your thumb or finger tip.
  - (i) There is a tiny mark on every foot facing the bottom edge of the OP-Z. After turning them they should face towards the short edge where the on/off switch is.

Step 2

- When turning the OP-Z over again the bottom plate should come off by itself (thanks gravity).
  - (i) If the bottom plate won't come off you might want to make sure every foot is rotated correctly and gently tug on one of them.

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Step 3

- Remove the bottom plate including the rubber feet.

Step 4 — Battery

- Use your fingernail or a spudger to lift the battery on the right side where the notch is.

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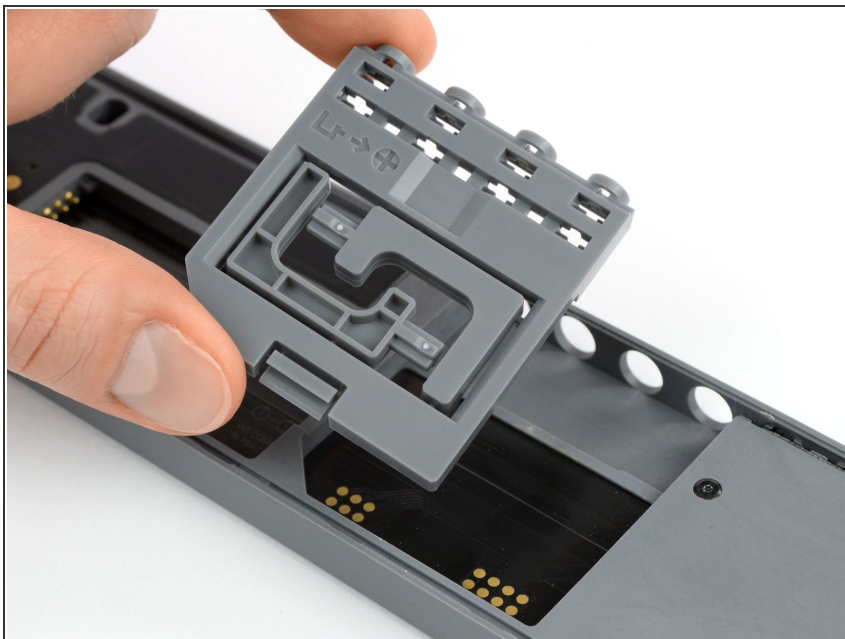

Step 5

- Remove the battery.

  📌 When installing the new battery make sure you put it in contact side first.
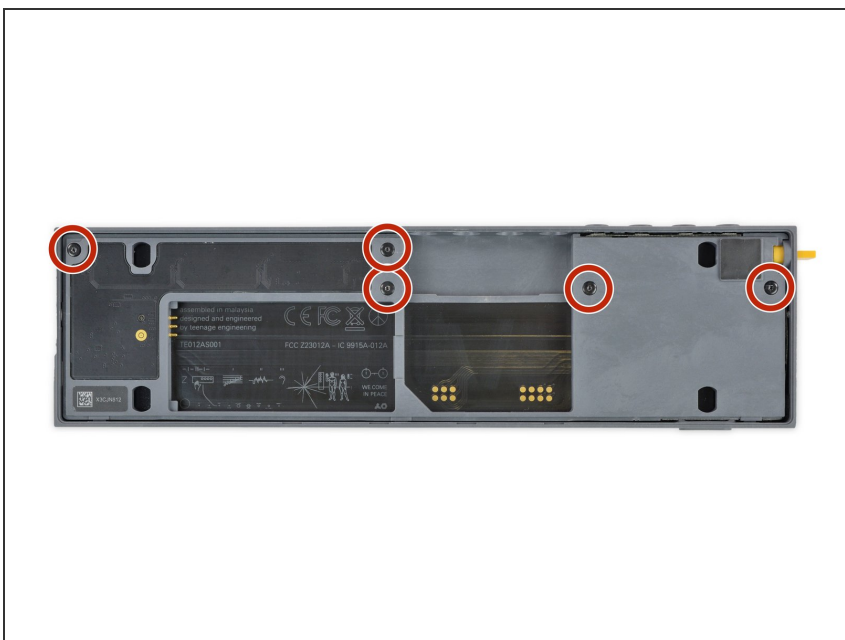
Step 6 — Expansion Module

- Use your finger or a spudger to push up on the small tab on the bottom of the module.

- Lift the module up and out of its recess bottom first.

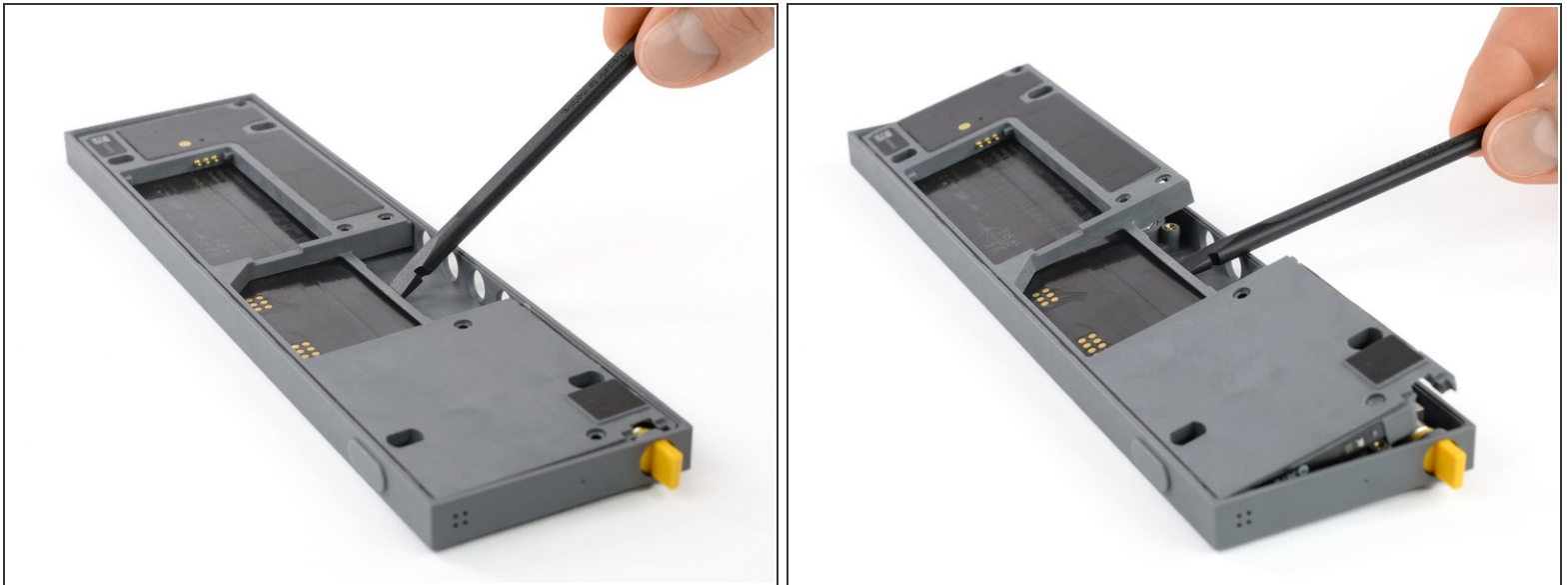This document was generated on 2020-03-14 05:30:17 AM (MST).

Step 7

- Remove the module.

- 📌 When inserting another module make sure you put it in outputs first. Then push down the bottom part for the tab to engage.

Step 8 — Midframe

- Remove the five Torx T4 screws.

Step 9

- Place a spudger in the cutout of the extension module to lift the midframe.

  ⚠ Be careful not to damage the highway flex cable underneath.

⚠ Don't remove the midframe yet. It is still connected to the rest of the OP-Z.

Step 10

- Flip the midframe over to gain access to the flex cable connector underneath.

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Step 11

- Use the flat end of a spudger to disconnect the flex cable from the front panel assembly.

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