



Xbox One Wireless Controller 1697 Teardown

A teardown of the Xbox One Wireless Controller 1697 with 3.5mm headphone jack.

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INTRODUCTION

Microsoft has launched a new version of its official Xbox One Wireless Controller. It has a 3.5mm stereo headset jack, which will allow most third-party gaming headsets to directly connect to the controller for the first time.



TOOLS:

- [TR9 Torx Security Screwdriver](#) (1)
 - [T6 Torx Screwdriver](#) (1)
 - [Soldering Workstation](#) (1)
 - [Spudger](#) (1)
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Step 1 — XBOX One Wireless Controller



- Covert Forces model - Bowie 'Changes' look.
- New 3.5mm jack socket next to expansion port.

Step 2 — Remove plastics



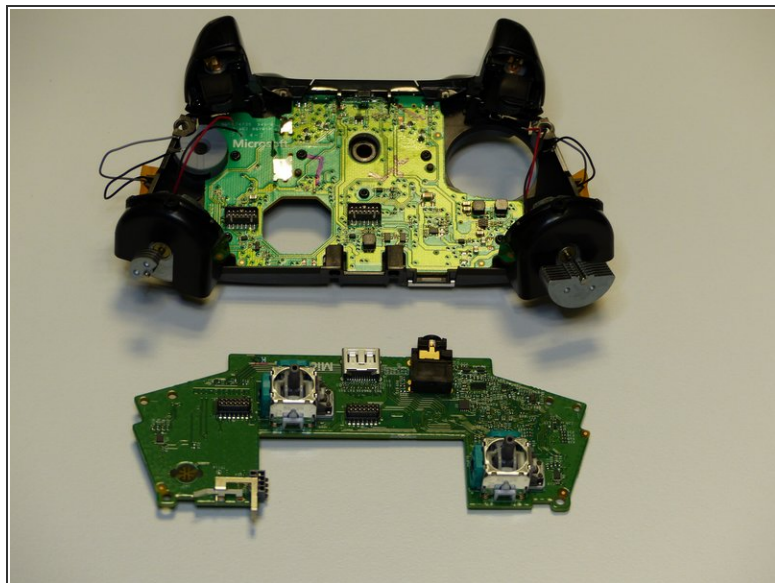
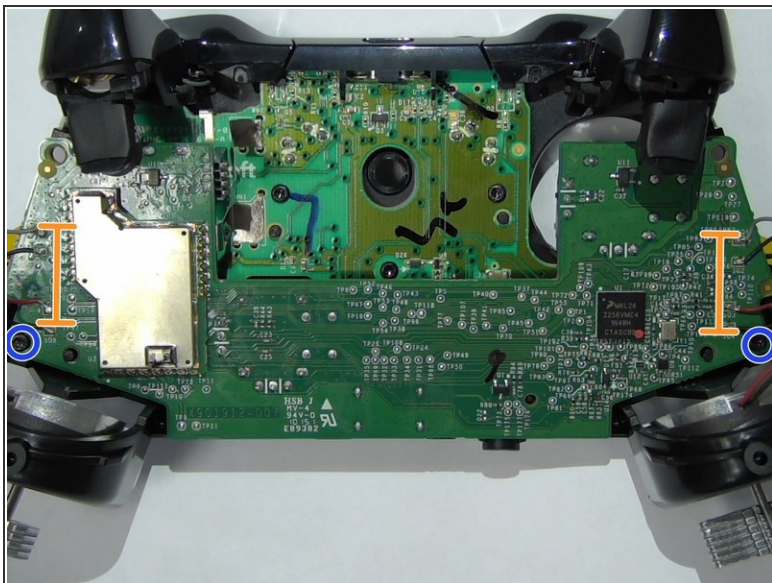
- Remove battery cover and battery
- Remove side panels using spudger
- Expose T9 security screw under label
- Remove 5 x T9 security screws from chassis
- Remove top and bottom covers

Step 3 — Tape down rumble motors



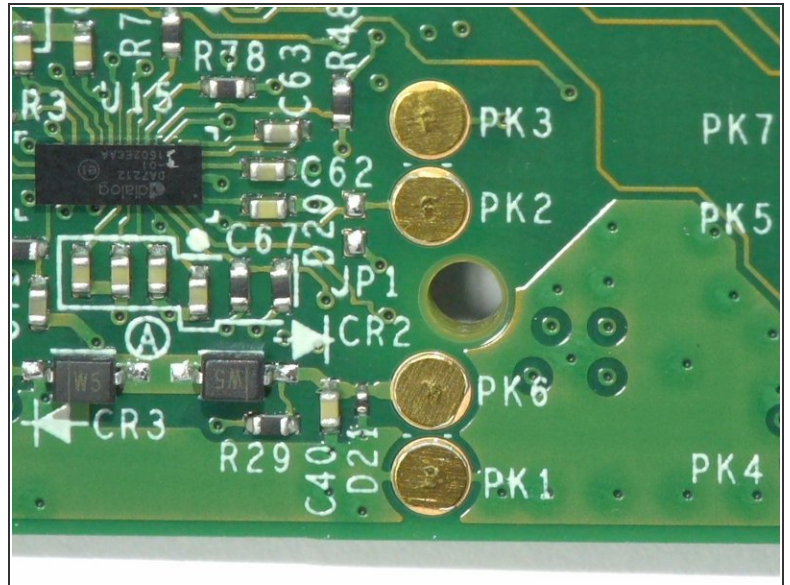
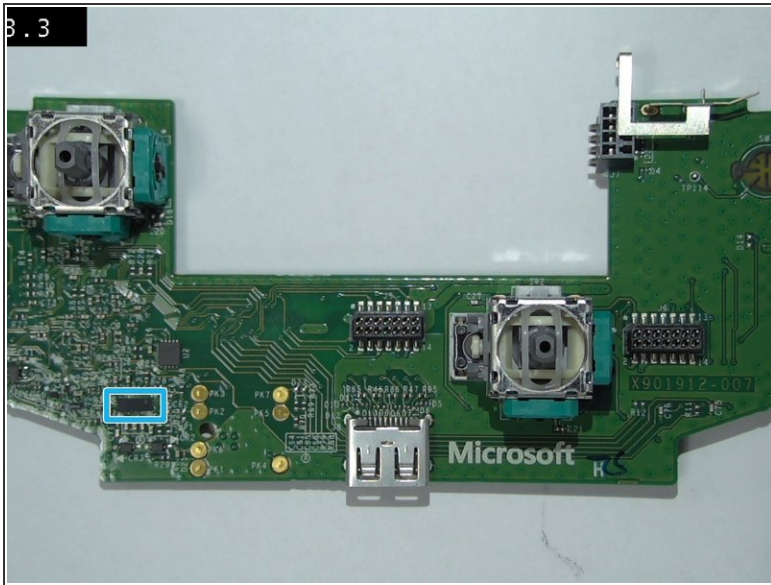
- Tape down the rumbler motors to prevent them from falling out.

Step 4 — Seperate PCB's



- Remove 2 x T6 security screws on bottom PCB
- De-solder rumble pack and trigger wiring

Step 5 — CODEC and Jack Socket



- Thar she blows! [DA7212](#)
- [Dialog Semiconductor](#) CODEC with Class G HP AMP and Class AB speaker driver.
- CODEC sits next to contact pads for 3.5mm jack socket