



Sony H.ear On 2 Bluetooth Transceiver Replacement

This guide will help you replace the Bluetooth Transceiver on your Sony WH-H900N h.ear on 2 Wireless Noise-Canceling Headphones.

Written By: Peter Van Ness



INTRODUCTION

The Bluetooth Transceiver, also called the NFC chip is a small green chip that manages bluetooth capabilities. It is located in the left ear cup and requires soldering and desoldering to replace.

TOOLS:

- [JIS #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Solder](#) (1)
 - [Soldering Iron](#) (1)
-

Step 1 — Ear Cup



- Start by inserting the iFixit plastic opening tool in the crease between the hard plastic and the ear cup, and then gently apply pressure until it separates. You may need to repeat the process on back until it is completely separate.
- ⓘ This may take a considerable amount of pressure, but do not force it.

Step 2



- Use the JIS #00 Screwdriver to remove the five 6.4 mm screws holding the back plastic cover in place.
- Then, turn the ear cup over and carefully lift the plastic cap off to reveal the internal components of the left ear cup.
- ⓘ This same process can be repeated on the right ear cup as well. Be aware the right cup is connected to the rest of the headphones via ribbon cable.

Step 3 — Bluetooth Transceiver



- Use the JIS #00 Screwdriver to remove the five 6.4 mm screws holding the back plastic cover in place.
 - Then, turn the ear cup over and carefully lift the plastic cover off to reveal the internal components of the right ear cup.
- ⓘ Unlike the right ear cup, there is no ribbon cable directly connecting the rest of the headphones to the outer cup.

Step 4



- Using the JIS #00 screwdriver, remove the two 6.4 mm screws holding the NFC chip in place over the motherboard.
- Once the screws are removed, gently turn over the board to the left to expose the soldered connection points.

Step 5



- Using a soldering iron, carefully de-solder the two connection points on the NFC chip.
 - Once the solder has completely melted, carefully separate the wires and the NFC chip itself.
- i** Please see [How to Solder and Desolder Connections](#) before you attempt to use the soldering iron.

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