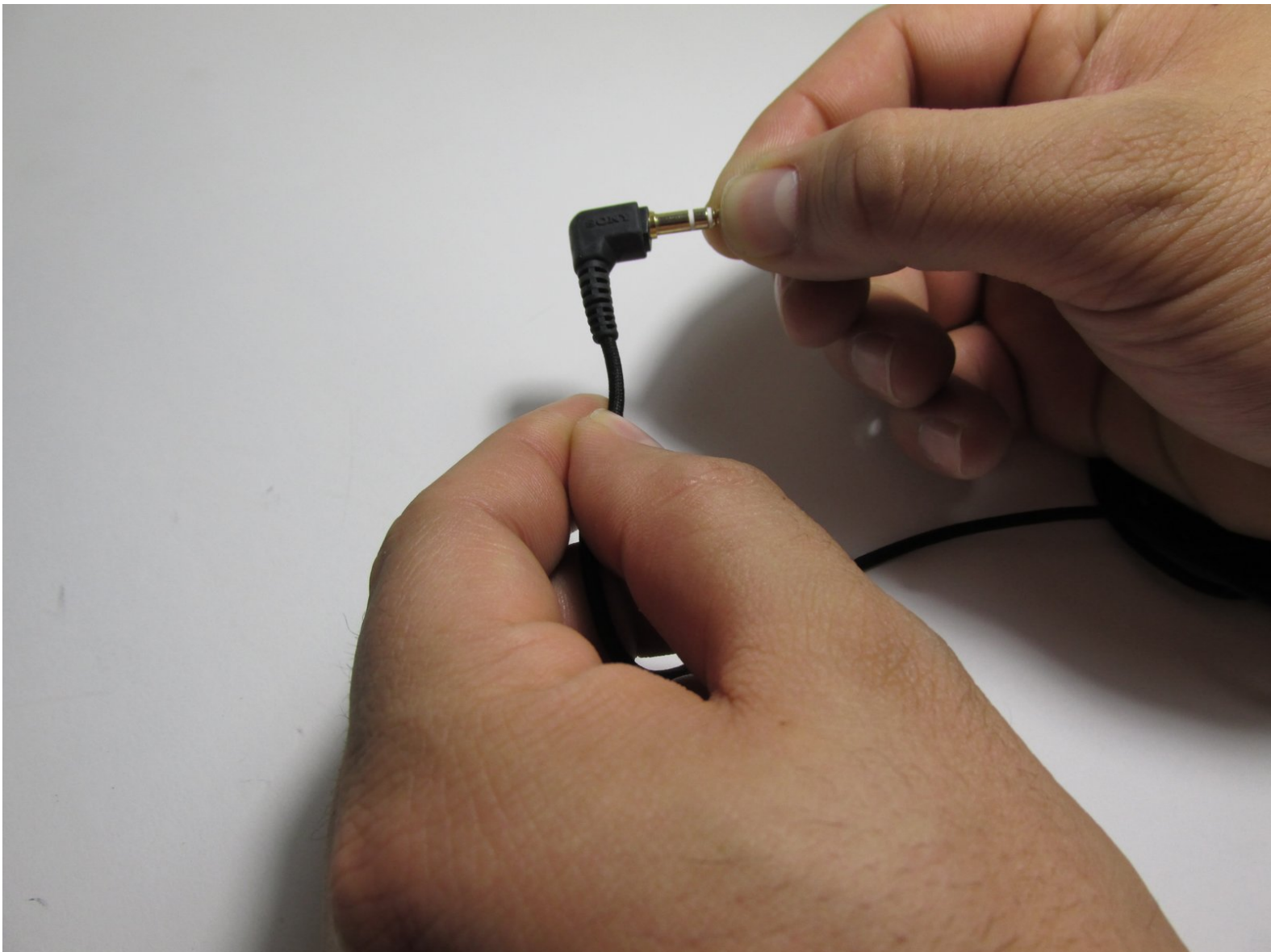




# How to troubleshoot Sony ECM-MS907 sound distortion

Sound distortion may exist due to a number of problems involving the wind screen, power cord, jack, or diaphragm.

Written By: Justin Lewis



---

## INTRODUCTION

The following guide will teach you how to examine the wind screen, power cord, jack, and diaphragm.

---



### TOOLS:

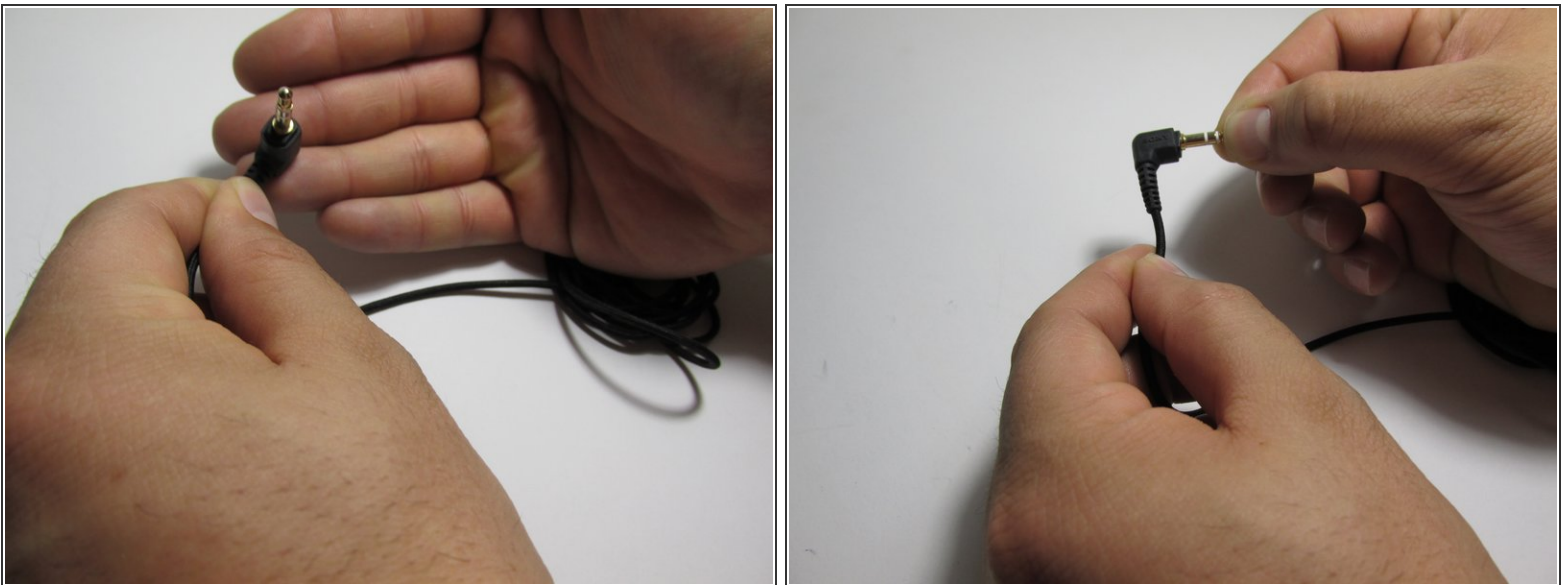
- [Phillips #00 Screwdriver](#) (1)
-

## Step 1 — Windscreen Removal and Inspection



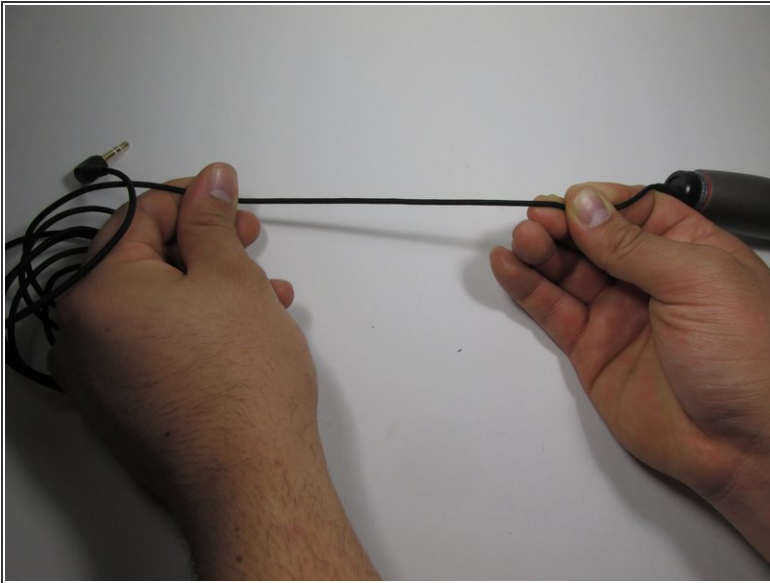
- Remove the windscreen from the top of the microphone.
- Once the foam windscreen is removed, examine the windscreen looking for thinning, holes, tears, or discoloration. Any of these issues may be the cause of the sound distortion.

## Step 2 — Examine the Jack



- Locate the jack of the microphone and look for: discoloration, rust, breaks in the piece, as well as making sure the jack is not bent or torn from the power cord.

### Step 3 — Examining the Cord



- Inspect the cord for splits, breaks, or loose wires. Check the cord from one end to the other, making sure the cord is attached to the microphone.

### Step 4



- To check the cord further by unscrewing the bottom piece of the microphone from the top. Rotate clockwise to unscrew the bottom and examine.

## Step 5



- Another to assessing distortion is to inspect the diaphragm. For further information, see the [Diaphragm Examination Guide](#)
- Use a Phillips head (#00) screwdriver, to remove the diaphragm and separate the diaphragm from the base of the microphone.

## Step 6



- Inspect the diaphragm checking to see if the piece is dirty, bent, or has holes. If it is bent or has holes, it may need to be replaced.
- If the diaphragm is dirty, clean it with a dry towel or cotton swab by gently brushing dirt and/or rust off the piece.

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