



# Plantronics Voyager Legend Microphone Replacement

The microphone assembly is easily distinguished...

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# INTRODUCTION

The microphone assembly is easily distinguished by its "boom-like" shape. The actual assembly is comprised of a voice-tube, and a circuit board system. The microphone replacement guide will detail how to carefully disassemble the microphone unit, and remove and replace the different components that comprise it.

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## TOOLS:

Spudger (1)

Metal Spudger Set (1)

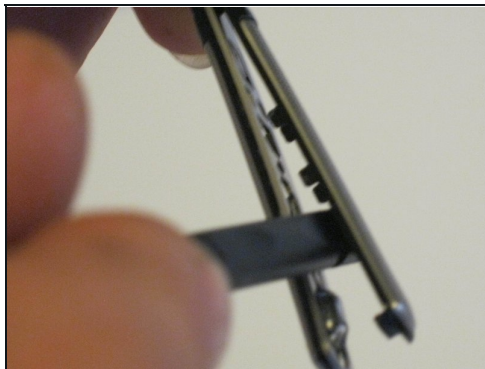
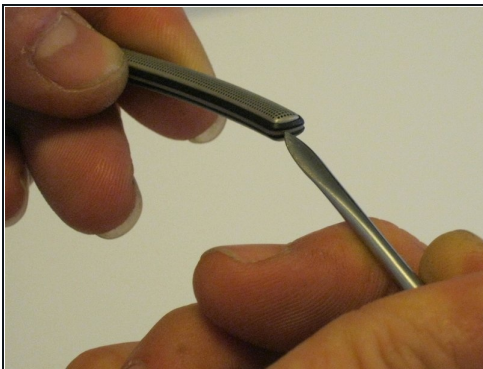
Precision Tweezers Set (1)

Flush Cutter (1)

Soldering Iron (1)

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## Step 1 — Microphone



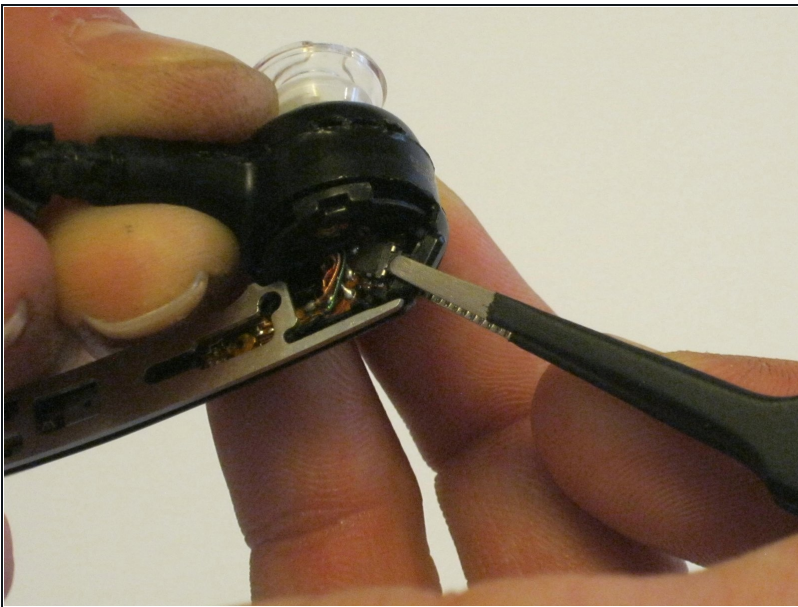
- **Loosen snaps that hold the assembly together.**
- Use the pointed end of a small, metal spudger to begin separation of the snaps, at the end of the unit.
- After initial separation, use the flat end of a plastic spudger to continue loosening the snaps, by following along the circumference of the microphone unit.

## Step 2



- Reveal the metal, protective plate by completely removing the top piece of the plastic housing.
- Use precision [tweezers](#) to remove the metal protective plate. This is done by lifting the plate out of place.

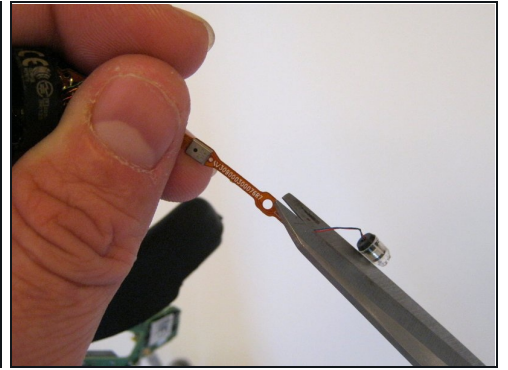
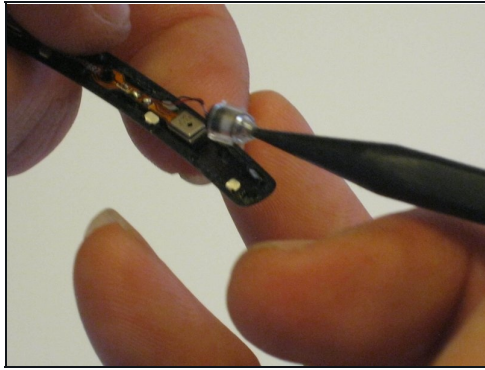
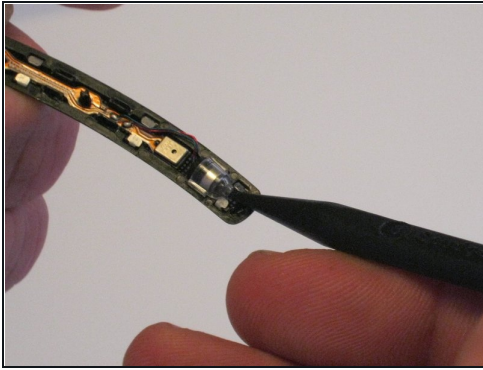
## Step 3



- Locate the volume button at the rear of the microphone assembly, near the earpiece assembly.
- Use precision tweezers to lift the volume button out of place and remove it.
- ① Pay attention to the orientation of the volume button, taking notice of the hooks that hold it in place.

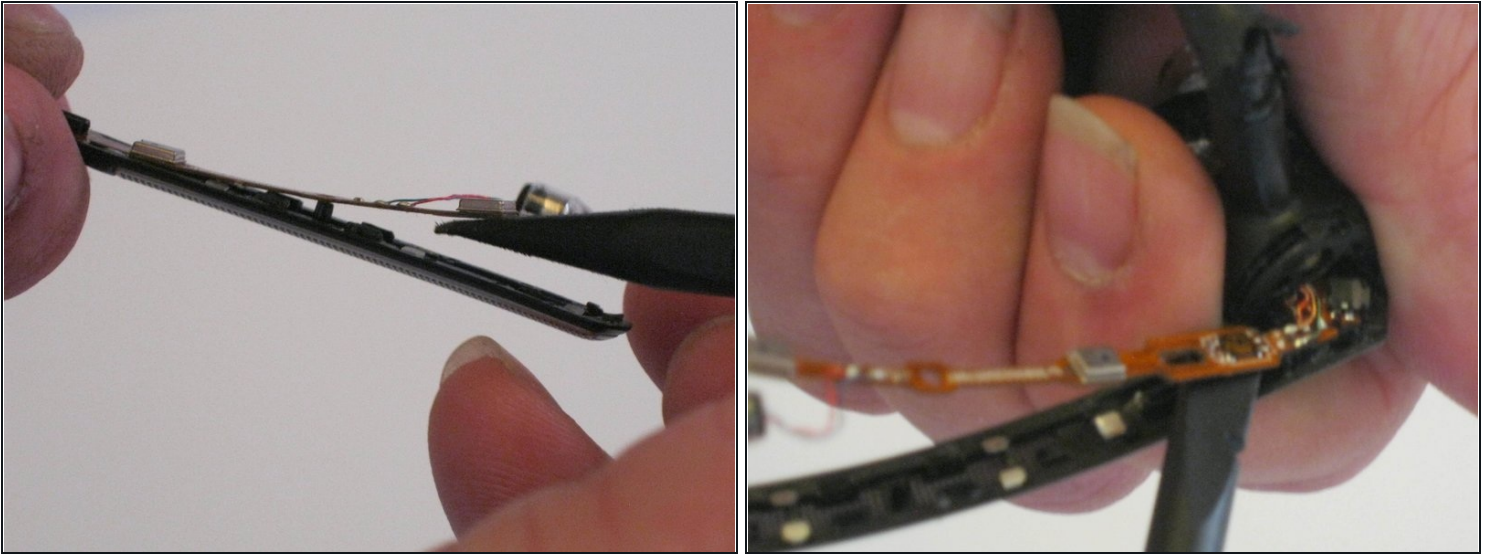


## Step 4



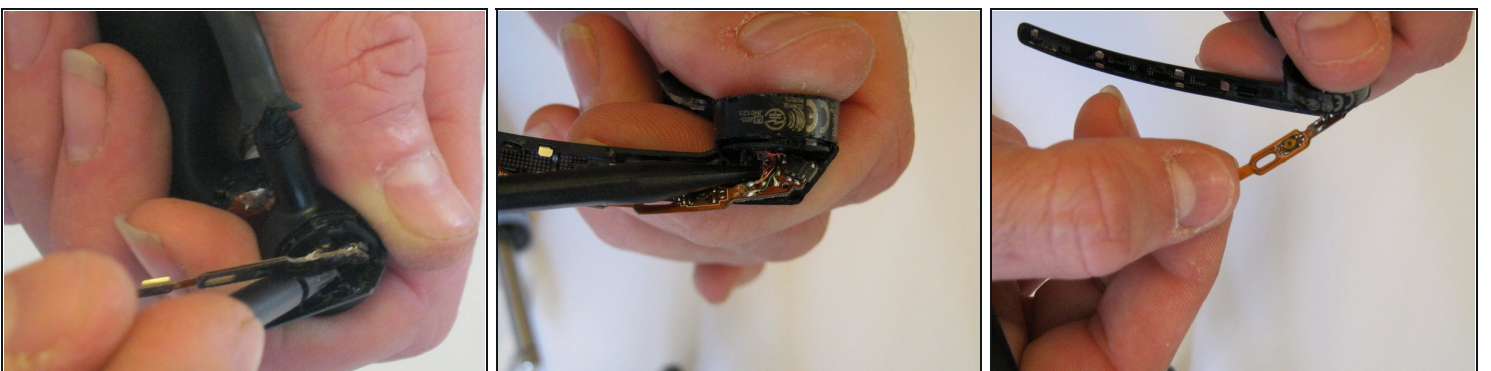
- **Remove the voice-tube.**
  - Insert the pointed end of a plastic ppudger to lift the voice-tube out of position.
  - Disconnect the leads that attach to the voice-tube.
- ① If the voice-tube is the only component that needs replacement, stop here and follow the steps in reverse order for reassembly.

## Step 5



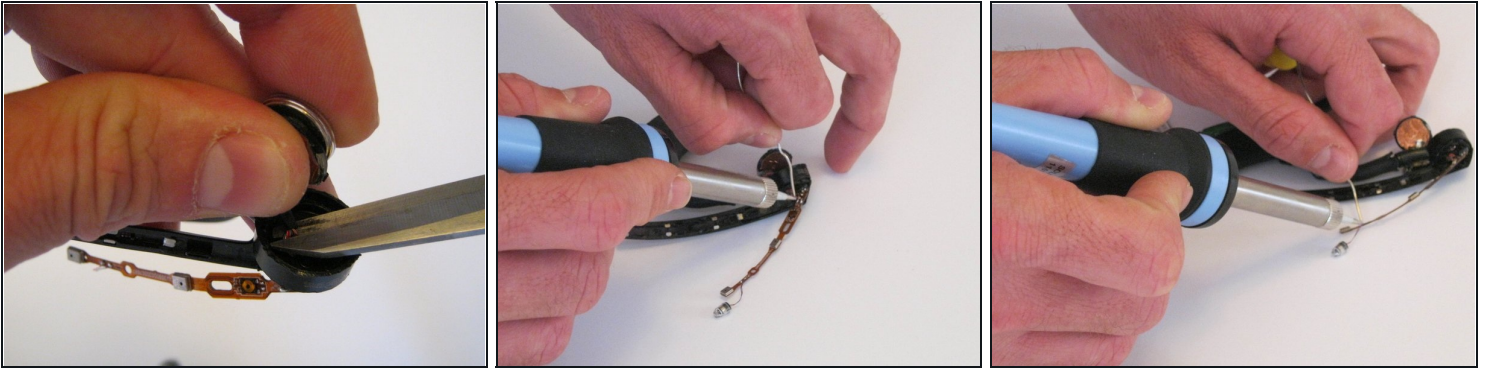
- **Remove the circuit board.**
- Use the pointed-end of a plastic spudger to begin lifting the circuit board out of place. Begin at the end nearest the voice-tube location.
- Use the flat-end of a plastic spudger to continue lifting the circuit board out of position.
- ① Notice the guiding pegs that hold the circuit board in place.

## Step 6



- **Access the leads that connect the circuitry.**
- Use the spudger to make sure the circuit board is completely free.
- Expose the leads so they can be disconnected.

## Step 7



- **Install a new circuit board.**
  - Disconnect the leads using a pair of wire cutters. Scissors will work if no wire cutters are available.
  - Solder the leads into the correct location on the new circuit board.
- ⓘ Refer to the iFixit [soldering guide](#) for assistance with soldering.
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To reassemble your device, follow these instructions in reverse order.