

TECHNICAL NOTE

→ ACP 100

Adjusting the AccuMic II™ Mute Button

Description

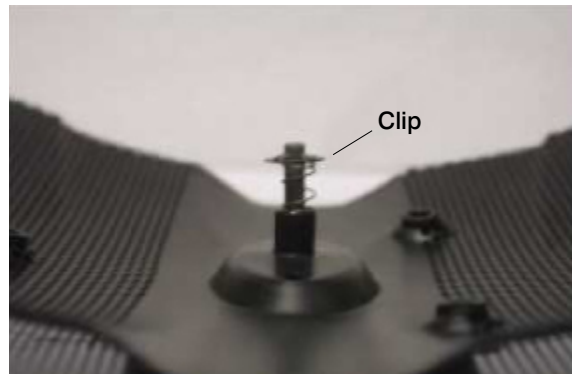
An improperly positioned clip in the AccuMic II™ can cause the mute button to stick so that it does not mute or unmute properly. This document describes how to correct this problem by changing the position of the clip.

How the Mute Button Works

The AccuMic II activates the mute function when the button is pressed and toggles a switch on the PC board. The button comes through the cover as a rod. A spring is placed over this rod and is secured in place by a clip. The position of this clip is critical to the functionality of the mute. When the clip is close to the end of the rod, the button compresses and recoils properly when it is pressed and released (see Figure 1).

→ Figure 1

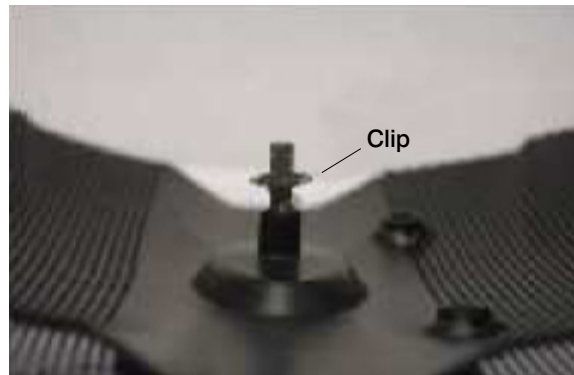
Correct placement of the clip. The mute button will function properly.



If the clip is placed too far away from the end of the rod, the spring will be more compressed which drives the rod into the switch on the PC board and prevents the button from recoiling (see Figure 2). When the button does not release properly, the mute will not turn on or off on the AccuMic II unit.

→ Figure 2

Incorrect clip positioning. Spring is tightly compressed and will cause the mute button to stick.



To Reposition the Clip

1. Remove any power or cables from the AccuMic II unit.
2. Remove the cover of the AccuMic II by lifting up on the button and rotating it 90 degrees. This will expose two screws. Remove these screws to get the cover to pop off.
3. Adjust the clip on the rod to 1/8 inch from the end (see Figure 1). You may need to rotate the button back 90 degrees to loosen the tension on the spring before adjusting the clip.
4. Replace the cover of the AccuMic II. Replace the two screws and then rotate the button back 90 degrees.

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