

Equipment

Repairing a Broken Microphone Boom

Throughout the force—from Light Armored Reconnaissance CVC helmets to infantry communications suites—integrated comm systems are becoming more prevalent. Through hard use, the boom microphones frequently break.

Use this method of bolster flimsy microphones or repair broken ones.

Materials

Wire of some kind (safety wire, thin wire coat hangers), electrical tape or heat shrink, wire cutters.

Step One: wrap wire around boom

Cut wire to length desired.

Start at the microphone and tightly twist around the boom microphone, working toward the helmet.

If you are splinting a snapped boom, tape the boom together so that the broken ends are touching prior to wrapping wire.



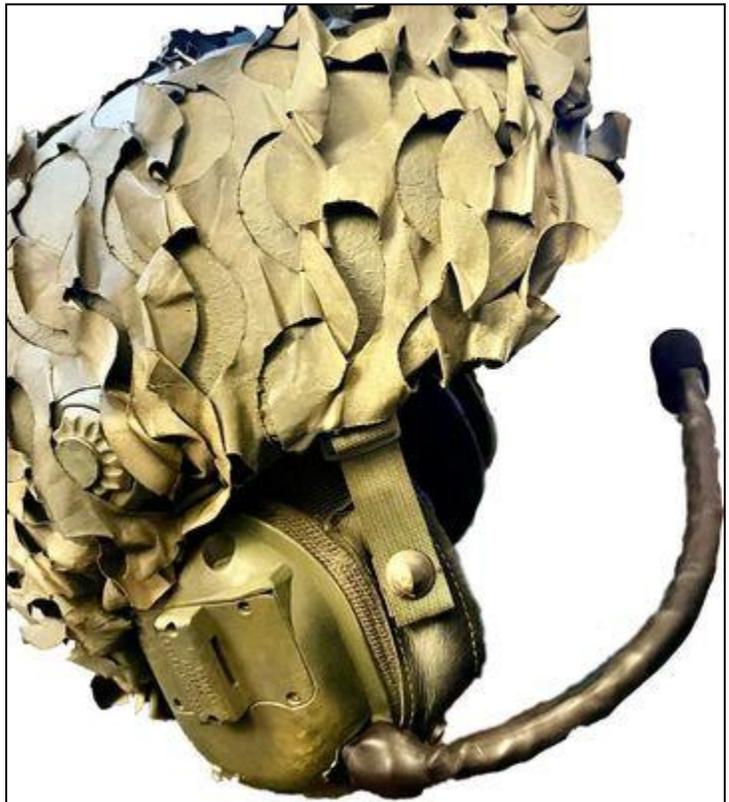
Step Two: Wrap the Boom

Wrap the boom in electrical tape or heat shrink. Start at the helmet and work your way toward the microphone.

$\frac{3}{4}$ " heat shrink works best to clear the boom.



Finished Boom



This method was devised by Gunnery Sergeant Royce Crow of 3d Light Armored Battalion.