

# REPLACEMENT COILED LEAD ASSY (ED 1077-4)

We have re-designed the headset coiled lead recently to improve the long-term reliability of this item.

Please note, the new design lead has two black wires instead of one black wire (one of these wires is actually the drain wire with black heatshrink insulation). The yellow wire has been replaced with an orange wire in the new cable.

When fitting the new lead, simply solder both black wires onto the same pad (0V) on the circuit board.

## **The general procedure to change the coiled lead is as follows:**

1. Remove the ear-seal and lift-out the speaker assembly and acoustic foam from inside the ear-cup.
2. De-solder the old coiled lead wires from the circuit board - removing the red wire first.
3. Remove the old coiled lead and grommet.
4. Pull the new grommet into position from inside the ear-cup.
5. Push the new lead into the grommet so that about half an inch of the lead's black outer sheath is showing inside the headset.
6. Put a small amount of superglue onto the exposed half inch of outer sheath and then pull the cable back through the grommet until the outer sheath is flush with the end of the grommet; this applies glue to the inside of the grommet.
7. Fit the small cable tie to squeeze the grommet around the lead.
8. Solder the new lead wires onto the circuit board - connecting the red wire last.

## **Please be aware of the following:**

A. Do not cut through the old lead before de-soldering it, as this will blow the fuse on the circuit board.

B. When de-soldering the wires from the circuit board, do not to overheat the pads on the board.

The best soldering technique is to apply heat quickly and pull the wire away. When re-soldering the same principle applies; you should put solder onto soldering iron, hold the wire over the pad and apply the solder as quickly as possible.

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