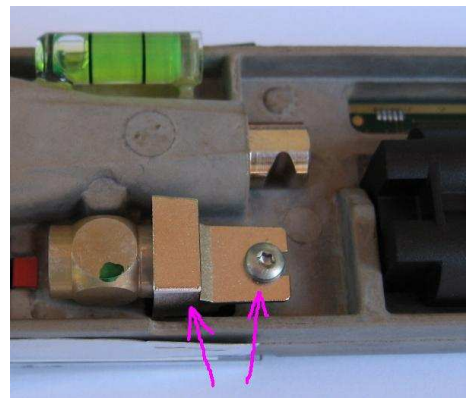
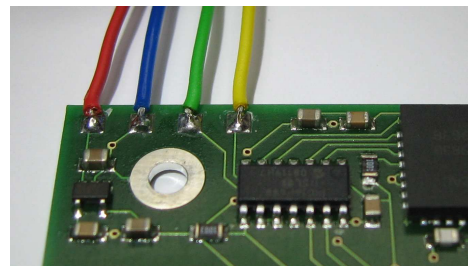
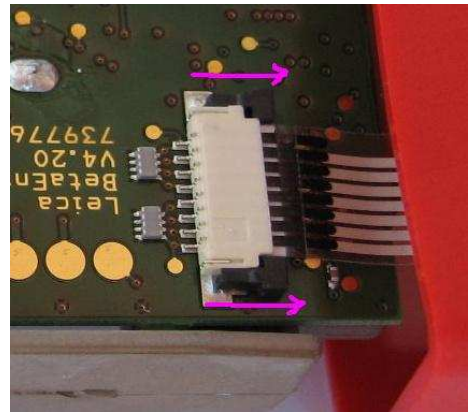


DistoX Assembly Manual

28.09.2008

Warning: Opening and modifying a Leica Disto will void the manufacturer's warranty and is done at your own risk!

- 1) Open the battery cover.
- 2) Remove the batteries.
- 3) Take out the screw near the battery case. A Torx T10 screwdriver is needed here. For some models it has to be one with a hole (TR10)
- 4) Take the rubber-sleeve and slowly pull the device out of the case.
ATTENTION:
 - Do not lose the rubber seal attached to the battery case.
 - Do not stress the keypad cable.
 - Protect the LCD display from scratches.
- 5) Unplug the keypad cable. To free the cable, carefully move the locking slider towards the case at both ends (Fig. 1).
- 6) Replace the screw above the display by a non-magnetic one (M2.5x6). Preserve the washer in place (Fig. 2). A Torx T7 screwdriver is needed for the M2.5 screws.
ATTENTION: Never remove more than one screw of the main board. Otherwise the adjustment of the optics will be lost.
- 7) Solder the four short wires to the board as shown in Fig. 3.
- 8) Remove the screw and the cover of the Laser diode on the backside of the device (Fig. 4).
- 9) A 8mm spacer is mounted in place of them (Fig. 5).
- 10) Remove the cover of the adhesive tape on the upgrade board.
- 11) Position the upgrade board such that the tape is on the battery case and the screw hole is above the



spacer.

12) Bolt the board using a screw with washer (M2.5x14, Fig. 6 & 7).

13) Solder the ends of the four wires to the corresponding test points on the main board (Fig. 8 & 9).

14) Replug the keypad cable and restore the locking slider to its original position.

15) Carefully push the device back into the case. Pay attention not to damage the cables and watch for the correct position of the rubber seal on the battery case.

16) Screw up the case. The non-magnetic M3x10 may be used instead of the original screw.

17) Reinsert the batteries and close battery cover.



The device must be calibrated before the first productive use!

