Changing a Z limit switch

Purpose
Correct procedure for changing the Z limit switch

Diagram

Tools
Soldering Iron and solder.
2.5 allen key.
Cutters.
Method

Step 1

Unscrew the holding screw and thread the new Z switch up through the hole in the Z block.

Step 2

Cut the existing wires and Strip the blue insulation to reveal the wire. Twist and apply solder to the ends.

Step 3

Slide onto one of the wires a heat shrink sleeve.

Join the existing wire to the new wire by applying a little solder.
Step 4

Slide the heat shrink sleeve over the join and heat it to seal.

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Step 5

Repeat steps 3-4 for the second wire connection.

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Step 6

Set the position of the reed switch to protrude 10mm.

Note: Over tightening the fixing screw may break the switch.

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**Testing**

To check that the replacement switch works correctly, select the ‘manual move’ function and note the Z limit line should read ‘Test’. If you place a magnet near to the switch it should change to ‘Ok’. Set the z height using the ‘set z height’ function from the ‘settings’ menu.