Changing a X limit switch

**Purpose**
Correct procedure for changing the x limit switch

**Diagram**

**Tools Required:**
- Soldering Iron and solder
- 2.5 allen key
- Cutters
Method

Step 1
Unscrew the holding screw and pull the old reed switch out.

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 a section of insulation sleeve onto both of the wires.

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

Step 4

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

Step 5

Repeat steps 3 - 4 for the second wire connection.
Step 6

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

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

**Testing**

To check that the replacement switch works correctly, select the ‘manual move’ function and note the X limit line should read ‘Test’. If you place a magnet near to the switch it should change to ‘Ok’.