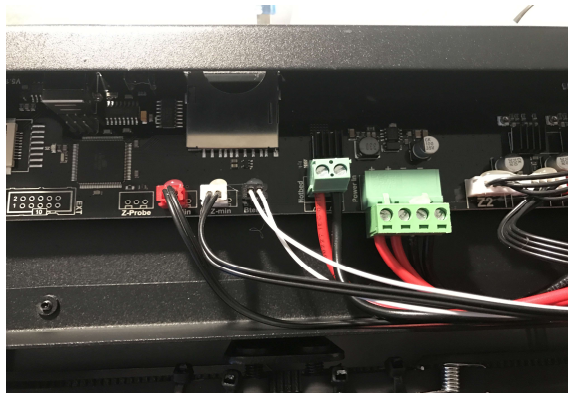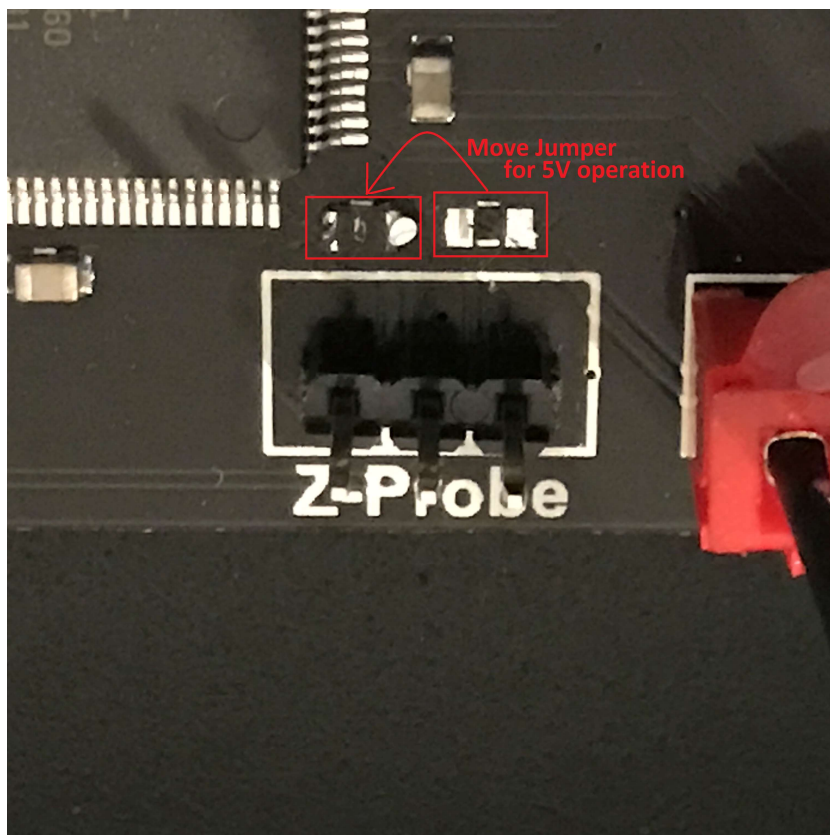Installation of BLTouch bed levelling probe

for

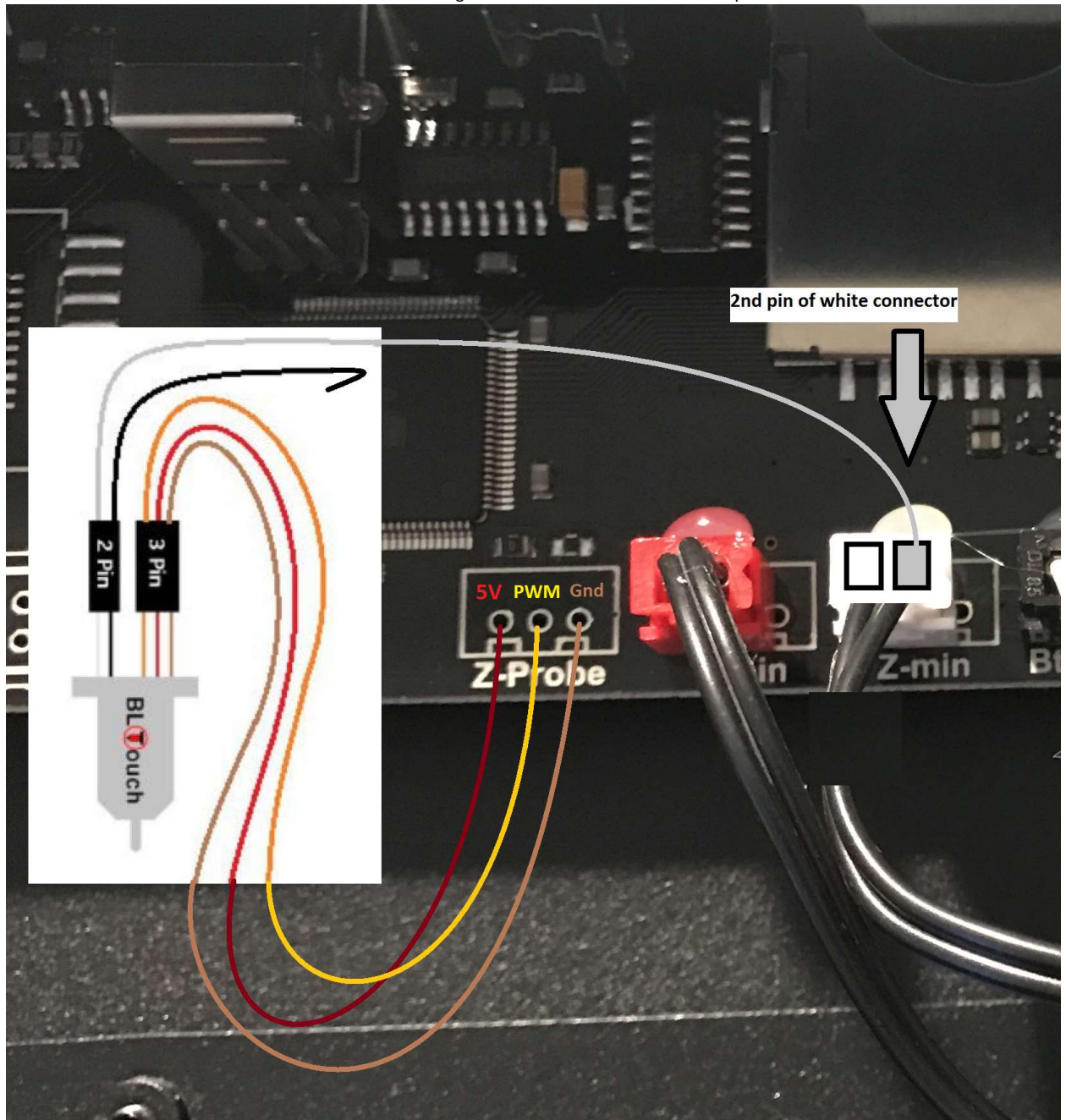Wanhao i3 PLUS / Monoprice Maker Select PLUS

1. Disconnect Z-min connector (white)
   * Z-min switch should also be lowered or removed as it will be completely replaced with the BLTouch.

2. Remove '0' ohm jumper from '**right**' solder pad, then solder jumper onto '**left**' solder pad.
   *This will supply pin 1 of Z-probe connector with 5VDC instead of 24VDC. Picture shown with jumper already moved...
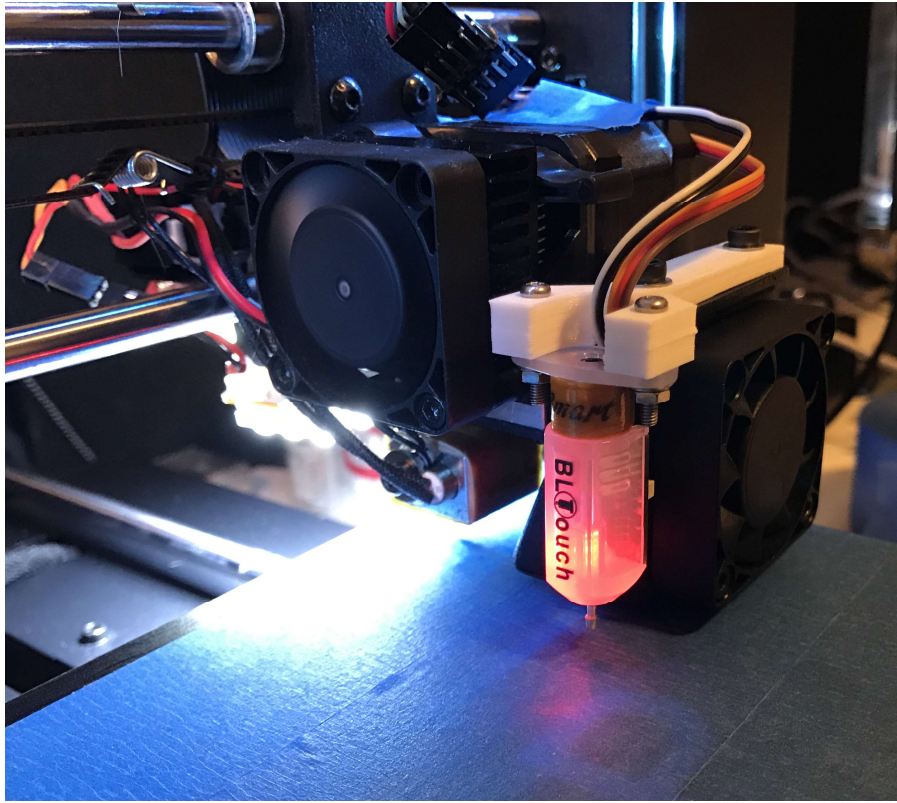
3. Wire BLTouch according to the image below –

> Note the BLTouch wire order is NOT the same as the 3-pin connector on the board, the Red and Orange wires *swap* positions….

> Black wire from BLTouch does not need to be connected as ground is common to the z-min and z-probe connectors...

4. Mount BLTouch with an appropriate bracket…

5. Install and configure firmware
   - PWM Pin is 'Arduino' Pin #25
   - Marlin software 1.1 and up has BLTouch as a bed levelling option under 'configuration.h'