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# gMax 2 PRO

211025

## Bed Probing failed

 Fails around the 32nd probe point

 **Solution**: Reset EEPROM and skip x twist wizard completely

 (Menu > Settings > Machine > EEPROM > Reset) Wait a couple seconds, turn off the printer,

wait another couple seconds, turn the printer back on. This time just continue to the bed

leveling. When you do the bed level, be sure to save it to all 4 save slots.

## Prints Curling on Build plate

 **Solution**: add corner feet you your model in slicing

 In PrusaSlicer you can add corner feet to areas of the model where there is low surface area. To

add them in PrusaSlicer: if you right click the build plate you can add shapes (I like to use the

box shape) Then you change the height of that box to the height of the first layer. You can copy

 and paste as many as you need, or resize them.

## Y Axis Shifting

 Solution: Increase the current to the Y axis motor.

 (Menu > Settings > Machine > Settings > (Press down twice) > Driver Current (ma) then increase

the Y value to 1100 or 1200

## Screen Not Connecting

 **Solution**: Reinstall firmware or bad LCD wire (Black 4 inch 5 wire jst connector)

## Black Screen

 **Solution**: replace main electronics board

## 2 in 1 Extruder Jammed

 **Solution**: replace plastic hopper inside 2 in 1 heatsink

 **Cause**: extruder set to a high temperature for too long, causing the plastic piece to melt/warp

## Don’t Put the acrylic bed on top of the heated bed

 If you put the acrylic bed over the heated bed, then turn on the bed, it will warp the acrylic,

 Causing permanent damage.

## Upgrading to the SKR3

 Upgrading to the SKR3 might solve many issues with earlier revision SKR2 boards.

## Temperature Reading low or zero on SKR3

 **Solution**: request new board from Biqu

## Not Powering On (12V or USB)

 Check all wires. Check fuses

**Solution:**

Runout sensor wire was incorrect

## Motor movement is jittery

**Solution:**

Replace motor wire or inspect connectors to make sure wires are not loose

Replace stepper driver

# Hardware

## Restart M999

 **Solution**

 -Use m999 on console to clear it, usually BLTouch related

 -with printer off, pull pin down, turn printer back on

 -replace BLTouch or BLTouch wire

 -replace ribbon cable

## BLTouch pin bent/broke on arrival

**Solution**

-Replace BlTouch pin. Take sensor off extruder and unscrew set screw on top of BLTouch

## Bed probe error

 -Firmware fix

 -Check

## Lead screw popped out

**Solution**

Locktite set screws in place

## Lead screw bent

**Solution**

Ensure printer is packaged properly

## Hotend doesn’t stop heating

**Solution**

 Replace SKR (Contact Biqu)

## Bed relay ferrules broken

**Solution**

Increase wire thickness

 Triple crimp ferrules

## Bed power cord burnt (SSR)

**Solution**

Replace with new 3 prong cord

## Clogging 2in1

**Solution**

Slicing settings

Change filament type

## Clogging Chimera

**Solution**

Slicing settings

Change filament type

Use acrylic bed

## Poor quality print (Slicing)

**Solution**

Use our recommended slicing settings

## No printer connected

**Solution**

Replace black 5 pin cable

 Ensure correct baud rate

## PRO runout sensors false triggering

**Solution**

Ensure optical sensor is in correct position

## Wires – Poor crimping mainly JST causing printer not connected

**Solution**

 Verify wire crimping quality

Only use crimping machine

## Bent x-axis arm

**Solution**

 Bend back/replace

## Loose x-axis belt

**Solution**

Ensure all 3 zip ties are tight

## Coupler, didn’t put in set screw correctly

**Solution**

 Read the manual

## Greasing linear rails

**Solution**

Only use corrosion x

## Thermal Runaway (Not getting to temp)

**Solution**

Replace: Heater Cartridge, Thermistor, Power Wire, Ribbon Cables

## Layer Shifting on Y-Axis

 Solution

 Cooling (fan issues) (Internal cooling fan)

 Slicing

## Z Axis Grinding

 Solution

 Level X Axis arm

 Loosen then tighten X Axis arm to lead screws