

# COMMON ERRORS

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- Can't connect to printer
  - Check if you're missing the driver
    - Mac: System Preferences > Printers & Scanners >
    - Windows: Control Panel > Hardware and Sound > Devices and printers > [the printer] > Properties (right click)
  - Check if the printer is set to the right port
    - Machine > Machine settings > Serial Port > AUTO
      - If AUTO doesn't work, try clicking the dropdown and select one of the other open ports. If the port doesn't work, go back to AUTO.
- Model looks wrong
  - Parts of the model are missing
    - Too thin: the parts may be impossibly thin for printing. Thicken them with 3D modeling software like Fusion 360 or Blender
    - Non-manifold edges: the edges of the model may not all be connected (there are holes in your geometry), or may intersect each other. Examine them with Fusion 360 or Blender, or try opening the model in Simplify3D and clicking Repair > Identify Non-Manifold Edges
- Switching out filaments
  - "Cold extrusion prevented"
    - Filament can't be moved if it's solid and stuck in the gear. Heat up the printer first.
  - Filament not coming out or moving
    - Remove the filament and check for gouging by the gear. When the filament isn't hot enough to melt and the printer tries to extrude, the gears inside can grind the filament down. If the gear marks are deep enough, cut the mangled area on the filament and try over again.
- [NOZZLE CLOGGED](#)
  - You need to re-level the bed. Get a mentor or someone familiar with the printers to assist with that.