

Kiwitechnics Upgrade Installation Problems.

If you have installed a Kiwi upgrade and it is not running here are a list of things you can look at and try.

Check your soldering. This is the most common source of problems.

To do this remove the daughter board from the socket. This needs to be done very carefully so that you do not bend the pins. These will break if bent and will require a replacement board and possibly socket as well if this happens. The way to remove the daughter board is to lift them a tiny amount at a time from one corner at a time and I find using a big flat blade screwdriver works well but any suitable tool will work. Be careful not to damage the circuit board under the socket with the screwdriver. Work around the daughterboard several times lifting a tiny amount each time until it loosens and can be lifted out.

First check using a multimeter that you have no shorts between adjacent pins

Next check that each pin is connected to the IC it is supposed to be. As an example in the Roland Juno-106 Pin 46 of IC29 connects to Pin 11 of IC39. Another example is in the Oberheim M1000 U805 Pin 31 connects to U812 Pin 8. Check every pin.

If you find a track that is broken it will need to be repaired. A good way to do this is to use enamelled wire like is used to wind transformers or chokes.

