

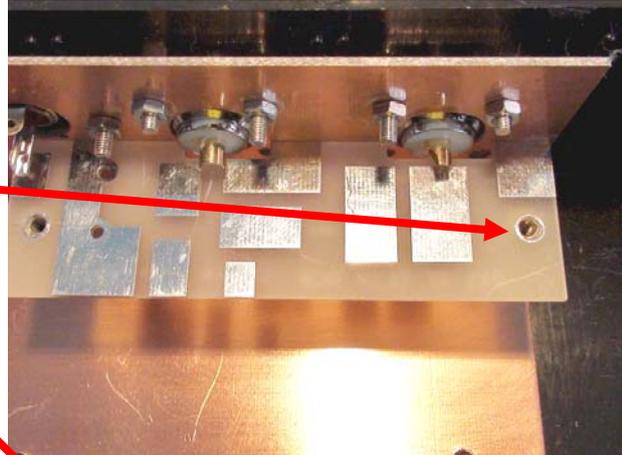
The following note applies to RX bridges in general, and in particular to the 340 S/N series due to small PCB tolerance errors.

21-Nov-2012

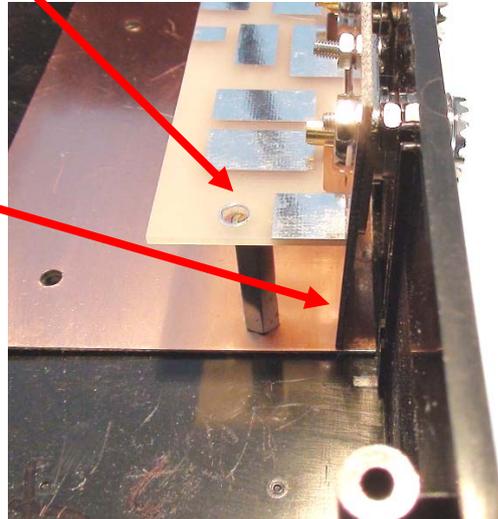
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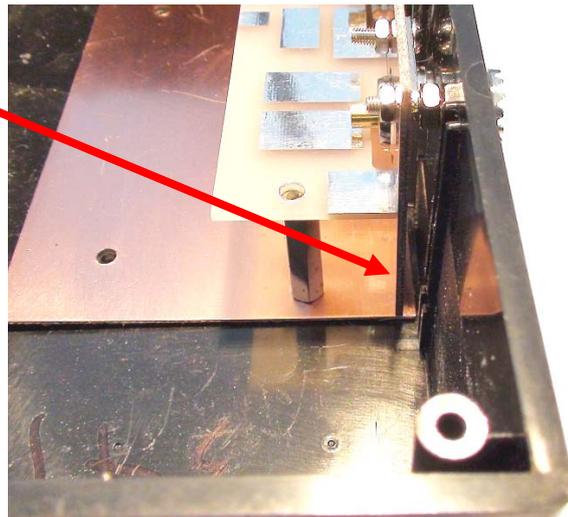
This photo shows that the RF deck holes do not line up with the support pillars.



This photo shows a side view of the rear PCB which is not quite vertical. The mounting nuts were pulled up firmly enough but the bottom of the rear PCB had not been pushed up against the case causing the small deviation from vertical. This results in the RF deck holes appearing to not line up. This possibly been caused by the base PCB not been tightened down fully by the pillar mounting screws and therefore curling up and obstructing the bottom of the rear PCB.



This photo shows the rear PCB pushed at the bottom correctly resulting in a vertical PCB. In this case the holes in the RF deck are better aligned with the pillars. The reason for pointing this out is that during assembly, you may choose to solder the bottom of the rear PCB to the base PCB without realizing the rear PCB is not exactly vertical. Once the 2 PCBs are soldered together, the RF deck holes will not line up. In the event of this happening, loosen the bottom screws in the pillars slightly to allow the top of the pillars to align with the RF deck holes. Then after inserting the RF deck top screws, tighten up the screws in the bottom of the pillar. The pillars may go slightly out of vertical but that will not matter. Small tolerance errors in hole locations can worsen the situation as is the case with some of the RF deck PCBs in the 340 serial number range.



Alternatively, you can try to re-solder the bottom of the rear PCB whilst pushing it back into a vertical position. However that can sometimes be easier said than done without making a bit of a mess.