

Instructions on how to replace the keyboard mat on Gemini

In analysis with our factory, we concluded that the most likely cause for issues around keys sticking on the Gemini keyboard was the rubber/silicon keyboard mat under the Gemini key caps on the keyboard.

Below is an example image of the keyboard that you will have on your Gemini. Clearly you might have a different keyboard language layout but the general positioning of keys is the same for all Gemini keyboards. Note that for this illustration, these photos show a detached keyboard. Your keyboard will be integrated into your Gemini.

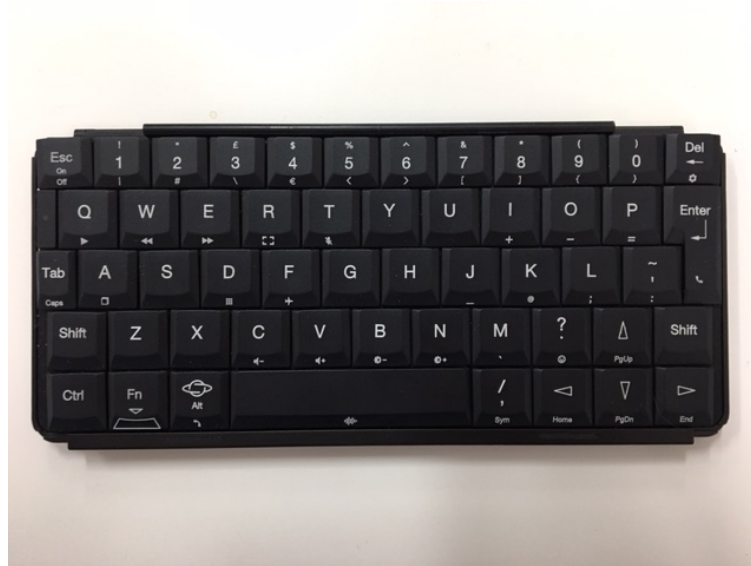


Photo 1: Photo of intact keyboard with all keys in place.

Before removing any keys, take a photo of how all the keys are laid out to help when eventually putting the keys back.

The keycaps on the keyboard all are designed to be removable. This is done by sliding a flat stiff bit of metal or plastic underneath the keycap and lifting up. See the below two images:



Photo 2 & 3: Photo of an example flat tool (eg Cover Removal Tool) under one of the keycaps and then the removal of the S key.



Photo 4 & 5: Photo showing the keyboard following removal of all keys apart from SPACEBAR and ENTER and the difference between the normal keys and SPACEBAR and ENTER keys.



Photo 6: Photo of all removed keycaps laid out as they were on the original keyboard to aid reassembly.

The only two keys that are slightly different are the ENTER and SPACEBAR. This because, whilst the removal mechanism is the same as the other keys, these two keys have secondary clips on the keycap that clip onto a metal wire on the keyboard.

Below are photos of these two keys removed and the metal clip:

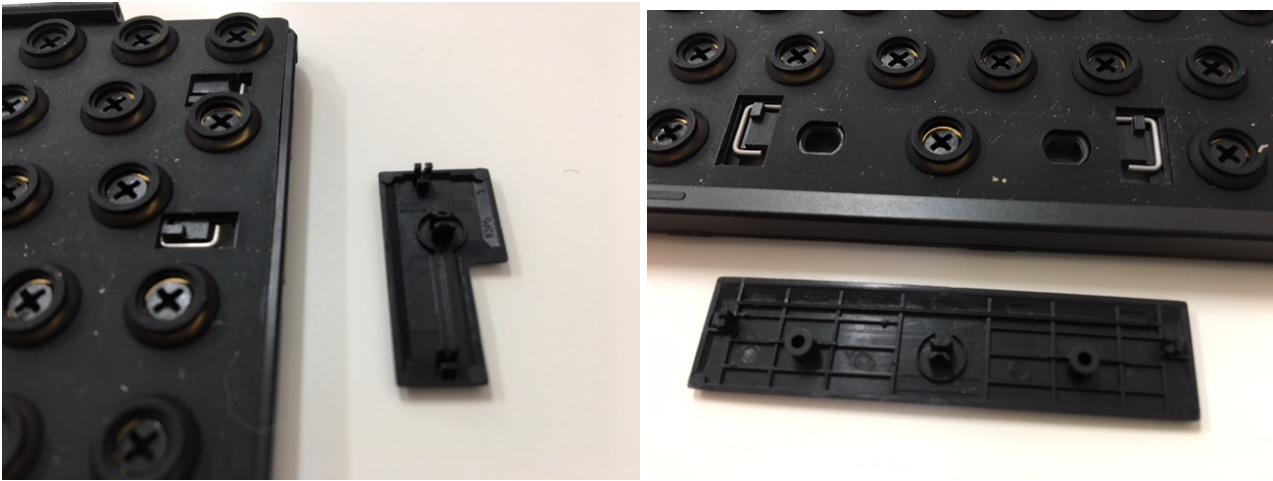


Photo 7 & 8: Photo showing the ENTER & SPACEBAR keys removed but illustrating the two key clips used to clip onto the metal wire.

Specifically, for the ENTER and SPACEBAR keys, please now check the two plastic clips on the underside of the keys to ensure they are still intact and not damaged as we had noticed on occasion that these clips were bent in some production units which could also lead to compromised SPACEBAR and ENTER performance. If you notice any anomalies to the plastic clips on the underside of the SPACEBAR and ENTER keys, please get in contact with Planet Computers again (hello@planetcom.co.uk).

Now all the keys have been removed, the silicon keyboard mat should be easy to lift off. Now replace the keyboard mat with the enclosed mat.

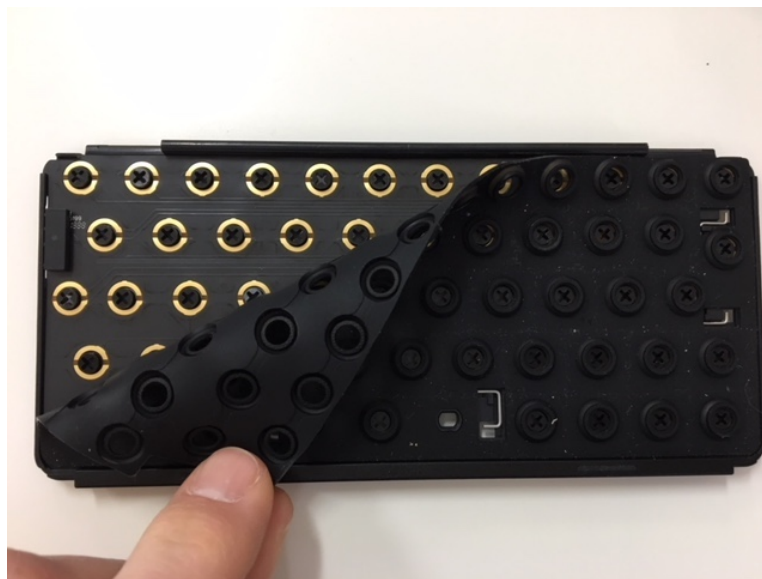


Photo 9: Photo illustrating the removal of the keyboard mat exposing the keyboard flexi.

One by one, put back all the keys in the way they were originally, based on the photo you originally took, leaving the SPACEBAR and ENTER keys until last.



Photo 10: Photo showing the keys all back reassembled onto the keyboard with only the SPACEBAR and ENTER keys left to reapply..

When adding the SPACEBAR and ENTER keys back, ensure that you first clip the keys onto the metal wire and then push the key back into the keyboard. This is a bit fiddly.

Hopefully your keyboard should now look like this again:

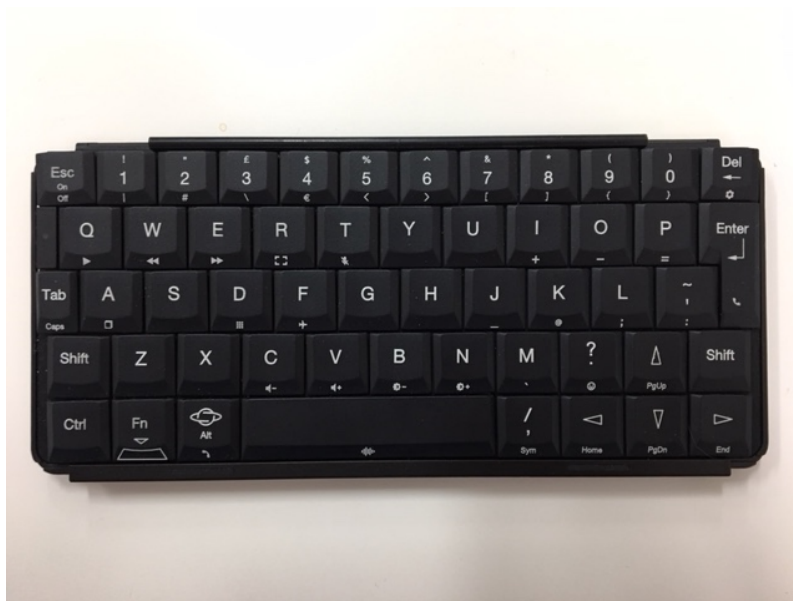


Photo 11: Back to the full keyboard layout.

Now repeatedly press all keys a number of times to check function and run the keys in with the new mat.

Any sticking key issues should now have been resolved.

If not, please again make contact with Planet Computers (hello@planetcom.co.uk).

Regards

Robin