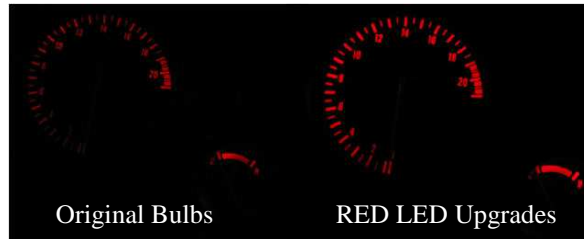


MC22 CBR250RR Red LED Instrument Upgrade

The instrument uses filament bulb for general background illumination, however they are not particularly bright. The instrument dial plate will only pass red light, so a lot of the bulbs white/yellowish light is not seen. Red light from LEDs will however pass straight through.

It's very easy to over expose a picture to make something like LEDs brighter than they appear. The picture below was taken with the same exposure settings so what you see is what you get...

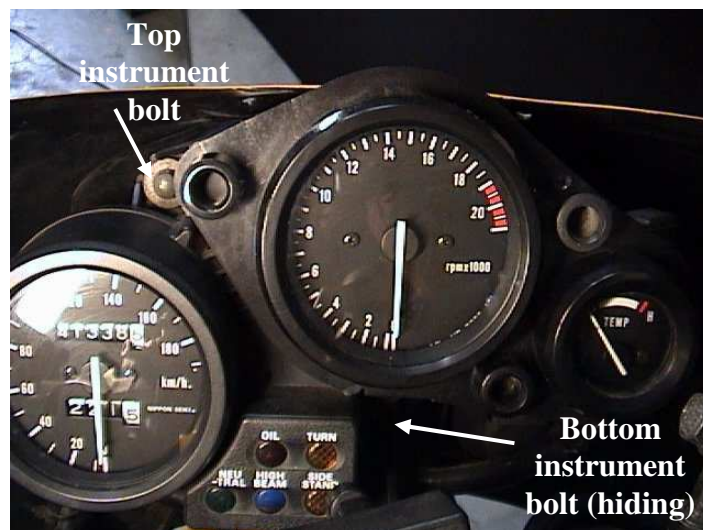


It's not possible to use blue or green LEDs to get a different colour – believe me, I've tried. You would need to replace all the dial plates before that could work. Red light however is the best for night time vision. Crisp, clear and easy to focus on, without ruining the night time vision sensitivity. These won't work for the MC19 / CBR250R... they are exclusive designed for the MC22 / CBR250RR.

These upgrade backlight LED Bulbs were specifically designed to suit the instrument. Their size, shape, height, angle the LEDs face... all specifically set to get the best light spread for the instrument.

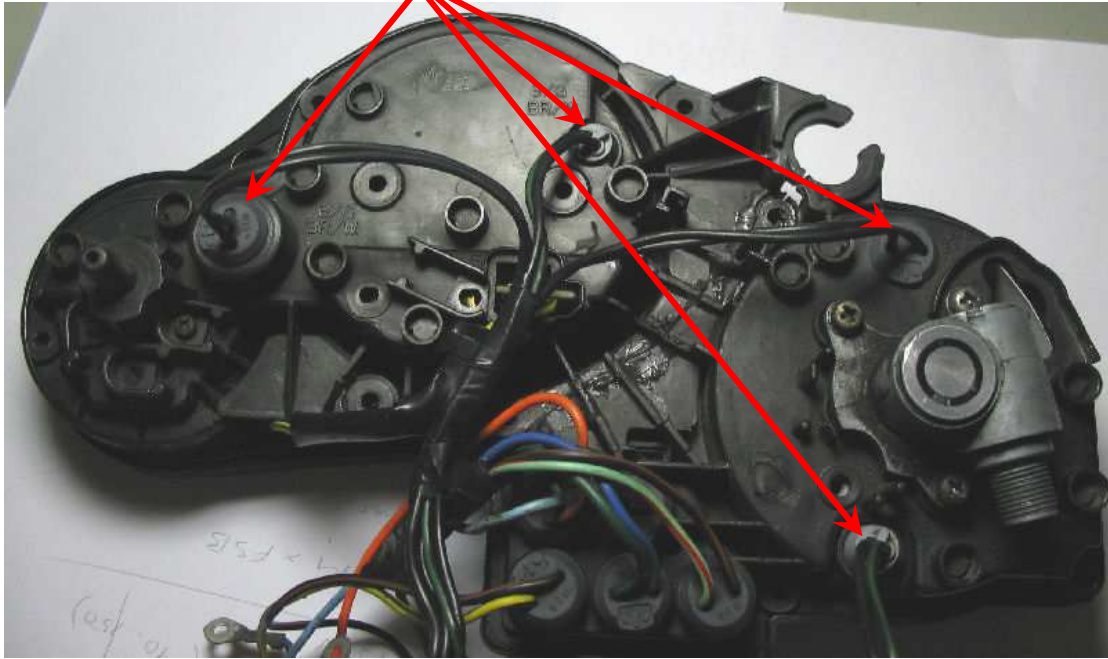
FITTING

You need to unbolt the instrument so you can get to the back and replace the bulbs. There are two 8mm bolts, one on the top, and one located on the bottom. These are threaded into a bracket so there are no nuts associated with the bolts.



The instrument is designed so it's easy to replace these bulbs, so there are no hidden tricks to doing this.

Pull these 4 bulb sockets out....



Pull the original bulbs from the sockets and replace with the new LED units.

The LED units only work in one orientation in the socket. Turn ignition on to check... if they don't light, rotate them 180 degrees. It's advised not to leave ignition on while installing, just in case you manage to skew them and short the socket contacts.



Once the orientation is checked, just push the bulbs sockets back in place and your done!

When fitted the sockets, push them back in, but don't compress/squash them. If you do, you will partially push the LED bulb out of the socket.