



Kit available on ledperf.com

Modification of a W1.2W bulb meter (with blue leds)

Step 1: Lower the steering wheel as low as possible. Then pull on the cap by unclipping it from the bottom (1), then by removing the two clips under the counter (2) :



Step 2: Using the torx screwdriver, unscrew the screw at the top of the meter and pull it towards you. The meter then comes easily:



Step n°3 : Disconnect the plug at the back of the meter bottom using the small black lever :



Step 4: Place the meter on a large workspace



Step n°5 : Using the torx screwdriver, unscrew the few screws on the back of the meter :



Remove the black plastic element :



Step 6: Carefully remove the needles. To do this, place a paper on the bottom of the meter to protect it and lever it with two knives at the base of the needle. Force it real slow. Each needle is nested on a vertical axis. Care must therefore be taken not to twist this vertical axis when removing the needles :



Once all the needles have been removed, remove the bottom of the meter to see which bulbs need to be changed.

They are circled in green here:



Step 7: Look at the back of the meter bottom in the light, to check if the meter bottom has a light layer of color or not. If the graduations are perfectly transparent, go directly to step 8. Otherwise, follow the instructions below.

It is possible to see on the picture below that the background of the meter has an orange layer on the back of it :



It is therefore necessary to remove this layer of color by sanding the back of the meter bottom with very fine sandpaper :



Result after sanding :





Step n°8 : The W1.2W bulbs in the black holders must now be replaced by T5 leds (blue, white or any other color). The leds are plugged directly into the original holders. There is therefore no welding to be done and the changeover is very quick.

These leds are each composed of 2 cms leds similar to the leds that make up the counters of today's modern vehicles. They have the perfect lighting power and beam angle to illuminate a meter. These T5 Efficacy LEDs are available on [www. Ledperf.com](http://www.Ledperf.com) at this address :

http://www.ledperf.com/index.php?cPath=30_147

At the back of the meter, remove the bulbs from the holder by rotating them a quarter turn.

The bulb on holder when removed:



Then separate the bulb from the holder by pulling on it:



Then you just have to put the T5 Efficacy led in the original holder instead of the bulb and put the holder back on the meter. Do this for all the bulbs of your choice.



www.ledperf.com