

## Installing fuel ribbon emulator on a BMW motorcycle

NOTE: THIS IS AN AFTERMARKET KIT AND IS NOT ASSOCIATED WITH THE BMW GROUP.

Faulty fuel ribbon: The yellow triangle comes on, all bars in the indication vanish and the message FUEL! flashes annoyingly in your display.



**Step 1:** Remove the fuel pump cover



**Step 2:** Remove the connector



**Step 3:** Place on the disconnected connector in the fuel ribbon emulator.

Note: the fuel ribbon emulator connector only fits the existing 4-pole connector in one way only. Push the connector onto the existing connector so that the red sealing is just not visible.



**Step 4:** Place the fuel pump cover which was removed in step 1



**Step 5:** Turn on the ignition and after 5 seconds the green LED "Data Check" lits up and gets voltage from the board computer.

After 32 seconds the LED turns off and the emulator will send the new data to the bordcomputer. This cicle will repeat every 32 seconds.

After 20 to 90 seconds the orange triangle and the Fuel message will disappear!

Note: The fuel indicator now shows **maximum!**



Once this fuel ribbon emulator has been installed, it is necessary to drive on the trip meter TRIP1 or TRIP2, as the tank indicator **always shows a maximum.**

After each refuelling stop, reset the TRIP1 or 2, do not forget to fill up with fuel 😊

Have fun with it.

**Note:** In exceptional cases, the emulator cannot work, the most common reason being that the operating voltage required by the emulator, which is regulated by the board computer, is missing.

**The green LED on the emulator does not light up!**

Measure the voltage on the 4-pole connector on the 2 outer pins with a multi or voltmeter.



This must be 12 volts immediately after switching on the contact, after 20 sec. the voltage drops out again.

If this voltage is missing, reset the board computer (with a GS911 or equivalent) or leave it to your BMW dealer to reset the board computer.

**WARRENTY:**

The warranty period for this product is 12 months; the warranty applies exclusively to a defective product, i.e. when the product is broken or not functioning as it should. In any other case or unforeseen event or incident the relevant standard disclaimer as being noted to buyer is applicable.

**PRODUCT DISCLAIMER:**

This fuel ribbon emulator is my personal invention and has been tested and found in good working condition on numerous BMW motorcycles.

However it is possible that it might not work on your specific motorcycle. Hence the kit is provided as is without any guarantees or warranty.

In association with the product I make no warranties of any kind, either express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, false installment, misuse, any damages that may occur, of title, or of non-infringement of third party rights. Use of the product by a user is at the user's risk.

No representations or warranties, either express or implied, of merchantability, fitness for a specific purpose, the products to which the information mentions may be used without infringing the intellectual property rights of others, or of any other nature are made with respect to information or the product to which information mentions. in no case shall the information be considered a part of the terms and conditions of sale.