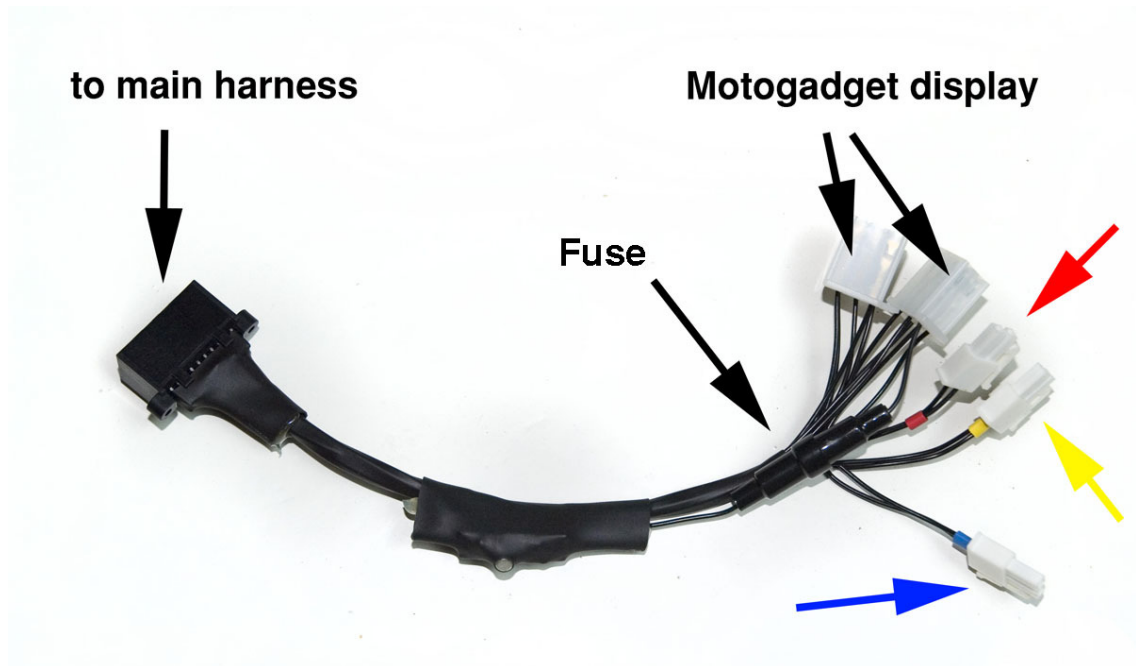


## Display assembly (#A10511-01)

The Motogadget display is mounted on a plate that includes one led used as a low fuel indicator and a button used for the display configuration (check the display manual to configure it properly).

The kit includes an interface cable, which is used to connect the Motogadget display directly to the Buell wiring loom.

This cable has a 20 pins connector that connects directly to the Buell main harness. On the other side there are several connectors. The 9 and 6 pins connectors connect directly with the Motogadget display.



There are 3 connectors more, one red, one yellow and one blue.  
 The red one is for the low fuel led.  
 The yellow one is for the display configuration button.  
 The blue one is for the front wheel speed sensor.

**SPEED SENSOR:**

In order to have information about the speed, it is necessary to install a speed sensor on the front wheel.

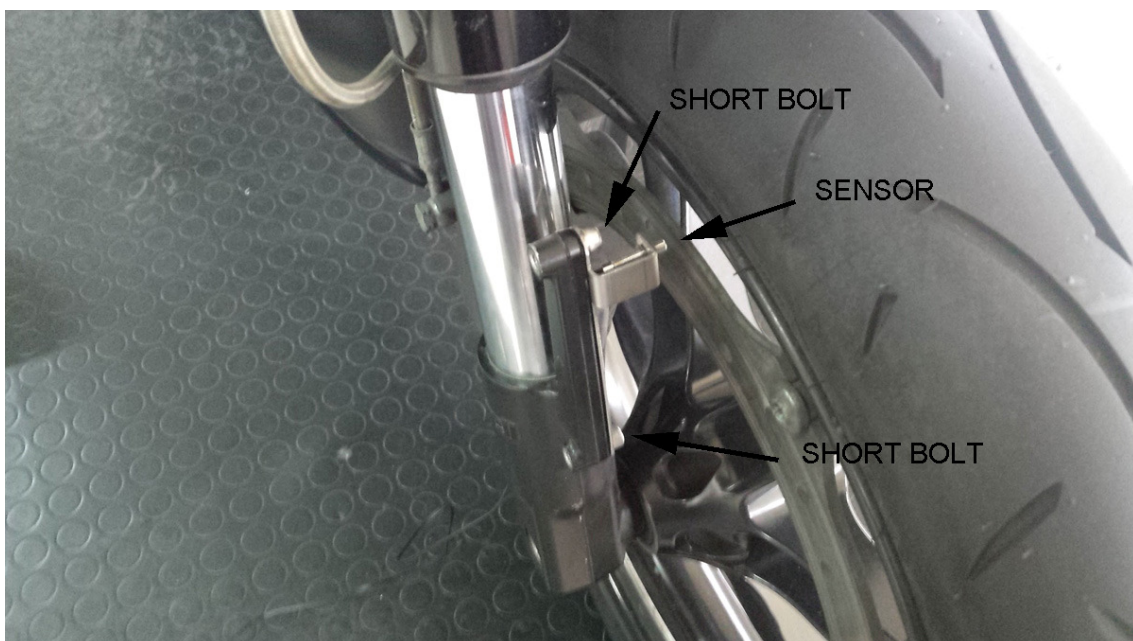
First, it is necessary to put a magnet inside of one of the bolts of the front disc. The magnet fits perfectly (it can be a little bit tricky to put it inside) and it is not necessary to use glue to keep it in place.

We will get more precision if we put a second magnet in another bolt in the opposite side of the wheel. In this case it will be necessary to configurate the display to indicate that we are using 2 magnets (to do it, read the Motogadget manual).



Once we have the magnets in place, we can mount the sensor.

To do it, we must clamp the sensor bracket as next image shows, using the 2 short bolts.



Distance between the sensor and the magnet must not exceed 4 mm.  
Once the sensor is in place at the correct distance, we can mount the front fender with the remaining 2 longer bolts.



Now we must route the sensor cable along the front brake line. We can use a couple of plastic zips to hold the cable to the fork, and then route it along the front brake line using plastic zips or insulating tape.

