

# GIpro S01/S02

## *Installation Instructions for Suzuki EFI motorcycles*

*Disclaimer: Do not attempt to install the product if you don't have basic mechanical skills. HealTech Electronics Ltd. and its distributors shall not be liable for any loss or damage caused by improper installation.*

The following steps are applicable for all Suzuki bikes. If in doubt, please consult with your Suzuki dealer or contact us.

1. Make sure the ignition key is in OFF position. Remove the seat.
2. Prop up the fuel tank with the support rod you find under the passenger's seat.
3. Locate the GPS (Gear Position Sensor) coupler. This 3-pole, white, triangular connector is usually at the back under the fuel tank, on the left side (most bikes).

*Warning:* You may find more than one of this connector under the fuel tank. You need the one that (normally) has **Pink**, **Blue** and **Black/White** leads.

4. Disconnect the GPS coupler. You may need a small flat head screwdriver to get the coupler apart.  
Put the bike in Neutral and turn the ignition ON. Wait a few seconds. The Neutral indicator should NOT be lit with disconnected GPS coupler. After confirming this, turn the ignition OFF and proceed to the next step.
5. Spend some time to determine the best mounting location around the instrument panel. On certain bikes, it fits nicely in the center, or bottom right corner of the tachometer.  
Move the handle bars lock-to-lock to make sure steering won't be restricted by the unit or its harness.

6. Clean the mounting surface with a soft cloth then mount the unit with the supplied 2-sided Velcro strips.
7. Route the harness neatly to the location of the GPS coupler making sure the harness does not interfere with steering and there is no excessive bending of the harness in any steering position. If possible, run the cable inside the frame spars.
8. Connect the 3p harness connectors of the Gipro to the GPS coupler. Make sure that none of the metal pins have been pushed out of position.
9. Connect the Gipro **Red** wire to a switched +12V wire, e.g. at the fuse box. Use the **Red wire tap connector** supplied (*do not strip the wires when using this connector*).

If you can't find a switched power, connect the Red wire directly to the battery positive terminal (*however, in this case, disconnect the wire if you don't intend to ride the bike for over 3 weeks, otherwise the battery may lose charge*).

10. To minimize cable stress due to vibrations, use the supplied cable ties to fasten the connectors and harness to the bike's wiring harness. Do not allow direct contact between the engine (cylinder block) and the harness.
11. Make sure that all hoses are in place under the fuel tank, then lower the tank.
12. Turn the ignition ON, have the engine stop switch in RUN position, and put the side-stand in upright position. The display should indicate the gear selected. If the display does not come on, check the connections.
13. Secure the fuel tank and install the seat.
14. Take a test ride. If the indicated gears are always correct, you are done.  
Otherwise, proceed to section 5.3 of the User's Guide, "Starting the Auto-Learning procedure".