

GIpro DS-SERIES

Installation and Operation Manual

Model GPDS-D02

For use with the following DUCATI motorcycles (with and without ABS):

Hypermotard all variants (2010-2013), **Hyperstrada** (2010-2013),

Monster all variants (2009-2013)

Foreword

Congratulations on your purchase of a GIpro DS gear position indicator. The GIpro from HealTech Electronics Ltd. is the most advanced gear position indicator on the market today.

Unlike other gear indicators available for your bike, this product connects to the self-diagnosis connector. It makes the installation very simple. The unit reads data from the ECU, offering faster and more reliable readings than competing products.

The display is auto learning, there are no buttons and no "programming wire".

Known limitation: Ducati motorcycles are not equipped with Gear Position Sensor, therefore determining the gear in use is only possible when the engine is running and the clutch is released.

Installation

- Find the **4-pole** self-diagnosis connector under the seat.
- Detach the cover (cap) from the plug and connect the GIpro plug.
- Route the cable to the mounting location such a way that the separated GIpro Red wire goes near to the **fusebox** (*located at the ride side of the engine frame*).
- Pull off the fusebox from the metal clip to gain access to the wires at the back side.
- Splice the GIpro Red wire to the **Red/Black** wire at the fusebox. Use the Red quick connector supplied.

Usage: Place the unstripped run wire (Red/Black) inside the run channel. Close the side cover until latched. Cut off the excess length, then insert the unstripped tap wire (GIpro Red) completely and check its position. Insert the blade (u-contact) and press down by finger pressure. Then, fully depress the u-contact with pliers. Close the hinged top cover until latched.

- Route the cable further to the mounting location.
- Peel off the green plastic from the back of the unit, and mount the display.
- Restore the fusebox and secure the cable with the cable ties supplied.

Setup

You need to setup this module after installation. Perform the setup only when the engine is WARM so the idle speed is normal.

- Find a long, straight road with light traffic. The unit does not learn the same gear twice, this makes it easy to set up on the road. You can even shift down and stop during the setup if needed. Do not stare at the display, watch the road and ride with extreme care as always!
- Turn the ignition On. The display counts backwards (**6** to **1**) indicating that the memory is clear.
- When "**L**" is flashing, start the engine in Neutral and let the engine idle.
- When the display is flashing "**1**", select first gear, release the clutch and start riding normally.
The display is blinking faster while the unit is learning the gear.
- When the display shows "**n**" (next), select second gear.
Repeat this process until all gears are thought.
In top gear, wait until "**o**" (over) is indicated and the display stops blinking.

The unit is now programmed and should indicate all gears correctly.

When ignition is turned on, the display counts forward (**1** to **6**) indicating that it is programmed and fully functional.

Reset

If some gears are not indicated correctly, reset the unit and set it up again. If you change your gearing (install new front or rear sprocket), or you install a SpeedoHealer (or other speedometer calibrator), probably you'll have to reset the GIpro and set it up again.

Cut off the power of the unit 6 times in a row, while the GIpro display is counting up and shows 3, 4 or 5.

You can power on/off the display by turning the ignition key on/off.

On the next power up, the display will count backwards (**6 to 1**). The memory is clear now and you can perform the Setup procedure.

Troubleshooting

Disconnect the GIpro connector and check whether the pins are broken, bent or pushed out of position. Reconnect the plug, and make sure that all connections are good and the connector is fully seated.

Check the connection of the GIpro Red wire. The display must power on when the ignition key is turned on.

If you can not execute the Setup procedure, your battery might be old or weak. Charge the battery or connect another battery using a jumper cable.

If some gears are not indicated properly when the engine is running and clutch is released, reset the unit and setup again.

If the problem persists, your clutch might be slipping.

Warranty

The unit is completely sealed and epoxy encapsulated, which gives extreme protection for the internal parts from shocks, vibrations and water.

To ensure trouble-free operation from the start, all units have been extensively tested prior to shipment.

Our dealers are offering a 30-day money-back guarantee on HealTech products, thus you will get your money back if the product does not fulfill your expectations. *(All parts must be returned in original condition for full refund.)*

Furthermore the product is covered by our 2-year replacement warranty from the date of purchase.

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