

GIpro DS-SERIES

Installation and Operation Manual

Model GPDS-D01

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

848 (2008-2010), **1098** (2007-2009), **1198** (2009-2010),
Hypermotard 1100 (2008-2009), **Streetfighter** (2009-2010)

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.
- Attach the cover (cap) to the second, unused GIpro plug. Alternatively, if you wish, you can connect other modules, like the optional *Ducati Data Logger* to this connector. It is possible to use the GIpro and another module on the diagnosis connector at the same time.
- Route the cable to the mounting location along the frame.
- Peel off the green plastic from the back of the unit, and mount the display.
- 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 steer 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.

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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