

GIpro DS-SERIES

Installation and Operation Manual

Model GPDS-T01

For use with the following TRIUMPH motorcycles:

Daytona 650 (2005), **Rocket III** (2004-2010), **Speed Triple 1050** (2005-2010), **Sprint ST 1050** (2005-2010), **Tiger 1050** (2007-2010), **Thunderbird** (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.

This product will fit all Triumph fuel injected (FI) motorcycles with Keihin ECU.

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

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

Known limitation: Triumph 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 **16-pole** diagnostic connector. It is in a black dust boot, usually near the ECU box. It is an "open" connector, there are no other plugs attached to it.

Daytona 650 (2005): *under seat near battery*

Rocket III (2004-2009): *under seat*

Speed Triple 1050 (2005-2009): *under seat near battery*

Sprint ST 1050 (2005-2009): *front right of the fairing, in the locker, next to the fuse box and toolset*

Tiger 1050 (2007-2009): *under seat*

Connect the Glpro plug, and use the long cable tie supplied to secure the plugs together.

Splice the Glpro red wire to a +12V power lead, which is switched on only when the engine stop switch is in RUN position (*you will find such wire in the extension plug for the optional alarm, hot wire of the license plate light, or at the fusebox*). Use the Red quick connector supplied.

Route the cable to the mounting location.

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. When ignition is turned on, the display counts backwards (6 to 1) indicating that the memory is clear.

- Raise the rear wheel off the ground by using a stand, and start the engine in Neutral. (*If you do not have a stand, you may setup the unit while riding. Find a long, straight road with light traffic.*)
- The display will blink "1".
Select first gear, release the clutch, and keep the RPM above idle speed. The display is blinking faster while the unit is learning the gear.
- When the display shows "2", select second gear.
Repeat this process until all gears are thought (5 or 6).

In top gear, wait until "o" (over) is indicated and the display stops blinking.

The unit is programmed and should indicate the gears correctly.

Now, when ignition is turned on, the display counts forward (1 to 6) indicating that it is fully functional.

Reset

If some gears are not indicated correctly, reset the unit and setup it up again.
If you have a SpeedoHealer (or other speedometer calibrator) and you change the calibration factor, probably you 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 flipping the engine RUN switch 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.

Make sure the GIpro plug is not loose in the diagnostic connector. Use the long cable tie supplied to secure the plugs together.

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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