GIpro DS-series

Installation and Operation Manual

Model GPDS-S01

For use with the following SUZUKI motorcycles:

GSX-R600 (2004-2005), **GSX-R750** (2004-2005), **GSX-R1000** (2003-2004), **GSX1400** (2004-2009), **SV650** (2003-2010), **SV1000** (2003-2009), **DL650** V-Strom (2004-2010), **DL1000** V-Strom (2004-2010), **GSF650** Bandit (2007-2010), **GSF1250** Bandit (2007-2010), **GSX650F** (2008-2010),

Boulevard C109R/T (2008-2010), **M109R** (2006-2010), **M109R2** (2008-2010), **C50** (2005-2010), **C90** (2005-2010), **M50** (2005-2010), **M90** (2009-2010)

Intruder C1800R (2008-2010), **M1800R** (2006-2010), **M1800R2** (2008-2010), **C800** (2005-2010), **M800** (2005-2010), **C1500** (2005-2009), **M1500** (2009-2010) **VL800** Intruder Volusia (2005-2010), **VL1500** Intruder (2005-2009), **VZ800** Marauder (2005-2010), **VZR1800** (2006-2010)

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 Suzuki fuel injected (FI) motorcycles which have on-board Diagnostic System connector. This connector is referred as "Mode select switch coupler" in the Suzuki manuals.

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 directly from the ECM, offering faster and more reliable readings than competitive products.

The unit is fully automatic, there are no buttons and no "programming wire".

The display will indicate all gears correctly when ignition is On, side stand is UP and the engine stop switch is in RUN position.

Known limitation: This product will not work if there is a TRE device installed on the motorcycle, or the Gear Position Switch of the bike is faulty or modified.
We have another product, the GIpro/ATRE for customers who want a gear position indicator with built-in Advanced TRE function to improve performance.

Installation

Find the **WHITE, 6-pole male** diagnostic connector, usually near the ECM box. It may have a black cap, or "dummy" female plug (without wires) attached to it.

GSF650 Bandit / GSF1250: *under right side frame cover*

DL650 ABS model: *behind right side fuel tank cover*

VL1500 / Boulevard C90 / Intruder C1500: *behind left frame head cover*

Other models: *under seat (rider or pillion)*

Remove the black cap or dummy female plug, and connect the GIpro plug.
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.

The unit is fully functional after installation, there's no need to setup.

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 ignition is ON, side stand is UP and engine stop switch is in RUN position when you test the gear position indicator.

If some gears are not indicated properly, most likely the Gear Position switch is defective, modified, or a TRE box is installed.

If the indicated gears are correct except under hard acceleration or braking, there is interference in the bike's wiring and the ECM receives incorrect gear position values from the sensor. This GIpro model indicates the gear position as known by the ECM.

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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