

SpeedoHealer v4

Install Guide for **ALL Plug n' Play SH harness kits**

Before installing this product, please make sure you got the right part for your bike. See the part number on the packaging and use the **Product Advisor** on our website to check compatibility.

These instructions are applicable to a wide range of motorcycles and describe the main install steps needed for a successful installation. You may find motorcycle specific Supplementary Manuals on our website. Please visit:

www.healtech-electronics.com/SH

***Disclaimer:** Do not attempt to install the product if you don't have basic mechanical skills. The SpeedoHealer is intended to improve speedometer accuracy. However, HealTech Electronics Ltd. and its distributors shall not be liable for any loss, damage or penalties caused by improper installation or inaccurate speed readings.*

1. Remove the seat and locate the Speed Sensor coupler.

On most motorcycles the Speed Sensor is located on the top of the gearbox and reads the revolution of the countershaft.

If in doubt, check the bike's Service Manual or ask your dealer for the location of the Speed Sensor coupler.

2. Disconnect the Speed Sensor coupler. You may need a small flat head screwdriver to get the coupler apart.

Spin the wheel (which drives the speedometer) while the ignition is ON. Should the speedometer indicate zero, turn the ignition OFF and proceed to the next step. Otherwise, you have disconnected the wrong coupler, please take another look.

3. Connect the SH harness plugs to the Speed Sensor coupler. If you feel any resistance, check for loose or bent terminals. Make sure the connectors are fully seated.

4. Connect the 4-pole SH harness connector to the SH box.

5. Check whether the SH is installed and working properly:

- Have the ignition OFF.
- Press **SEL** and keep it depressed while you turn ignition ON.
[t] (test) is now indicated. Release the button.
The speedo should indicate a number other than zero.
- Rotate the wheel.
[t] ***should be blinking as the wheel turns.***
- Press **SEL** to exit from Test mode.
The speedometer should work the same way as with no SH installed.

If the tests fail, disconnect the 3-pole and 4-pole connectors and check whether the connector pins are bent or pushed out of position.

6. Find a place for the SH box according to the followings:

- To be able to change the settings easily, place the unit where it is quickly accessible.
- Do not place the unit very close to hot surfaces like the engine or exhaust pipe.
- Keep at least 2 cm (1") distance from other electronics, such as the bike's ECU or a Power Commander.

In most cases, the under-seat compartment is the best location for the unit. Secure the unit well with the supplied Velcro strips.

7. Neatly route the SH harness from the 3-pole plugs to the mounting location, preferably along the frame. To reduce possible interference, try not to route the SH harness along with other electrical cables.

Do not bend the SH harness near the SH connector. Otherwise the pins may break over time.

To minimize cable stress, use the supplied cable ties to fasten the unit and the harness to a solid part of the bike. Make sure that the SH switches won't be hit by loose objects in the trunk.

8. Optional: connect the 2-pole plug of the remote button. Route the harness towards the front end of the bike and secure the remote button with the supplied cable ties.

If you wish, you may change the harness length or replace the remote button per your liking (any SPST momentary "push-to-make" switch can be used).

9. Use our on-line calculator or download the SpeedoHealer App (available for iOS and Android) to generate set-up instructions for your SH module. Alternatively, refer to the *User's Guide* for instructions.