

SPEEDOHEALER v4



Install Guide for **SH-HY1** Harness Kit

For use with the following HYOSUNG motorcycles:

ALL models with electronic dash (digital trip/odo)

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. Locate the **Speed Sensor coupler**. It is behind the instrument cluster: 3-pole connector with Black/White, Green and Orange wires.
If in doubt, trace the cable from the front wheel sensor until you find the coupler.

Confirmation:

Separate the Speed Sensor coupler (you might need to use a small flathead screwdriver to get the coupler apart). Rotate the front wheel while the ignition is on. Does the speedometer show 0, turn the ignition off and proceed to the next step. Otherwise, try again since you have disconnected something else.

2. After separating the Speed Sensor coupler, **plug in** both the male and female 3-pole SH harness connectors. Make sure the connectors are fully seated.
3. Connect the 4-pole SH harness connector to the SH box.
4. 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 frontwheel.
[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.

5. Mount the SH box behind the instrument cluster.
Secure the unit with the supplied cable ties and Velcro strips.
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 accidentally.
6. If you wish to use the Top Speed Recall feature, connect the 2-pole plug of the remote button. Secure the remote button at the dashboard with the supplied cable ties.
If you wish, you can easily change the harness length or replace the remote button per your liking (any SPST momentary "push-to-make" switch can be used).
7. Please visit **www.speedohealer.com** and use our on-line calculator to generate set-up instructions for your SH. Alternatively, refer to the *User's Guide* for instructions.