

# SPEEDOHEALER v4



## Install Guide for **SH-Y02** Harness Kit

**For use with the following YAMAHA motorcycles:**

**WR250F** (2006-2010), **WR450F** (2006-2010)

*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. Locating the Speed Sensor coupler

### Preparation:

- The ignition key should be in OFF position.
- Remove the headlight and cover below the instrument cluster.

The 3-pole speed sensor coupler (semi-transparent) is below the instrument cluster.

### 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. Installation

1. 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.
2. Connect the 4-pole SH harness connector to the SH box.
3. 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 rear 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 bended or pushed out of position.
4. Secure the unit near the instrument cluster with the supplied Velcro strips.  
Do not bend the SH harness near the SH connector. Otherwise the pins may break over time.
5. Connect the 2-pole plug of the remote button. Route the harness towards the front end of the bike and 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).
6. Please visit **[www.speedohealer.com](http://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.