

SPEEDOHEALER v4



Install Guide for **SH-K05** Harness Kit

For use with the following KAWASAKI motorcycles:

Concours 14 (2008-2010), **1400GTR** (2008-2010)

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.

Installation

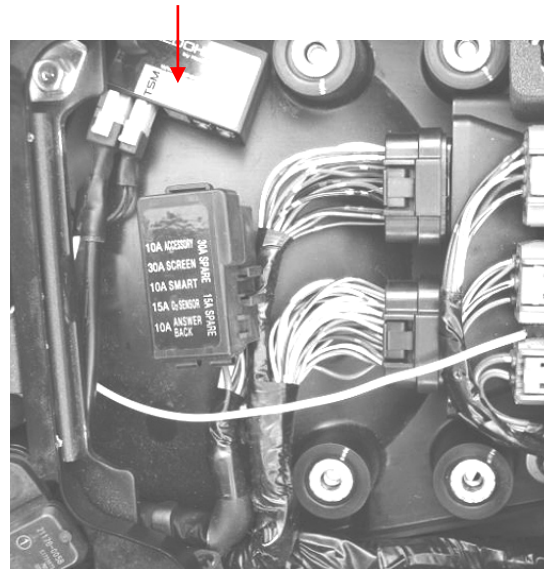
Preparation:

- The ignition key should be in OFF position.
- Remove the seat and toolbox.
- Remove the left side cover of the fuel tank.

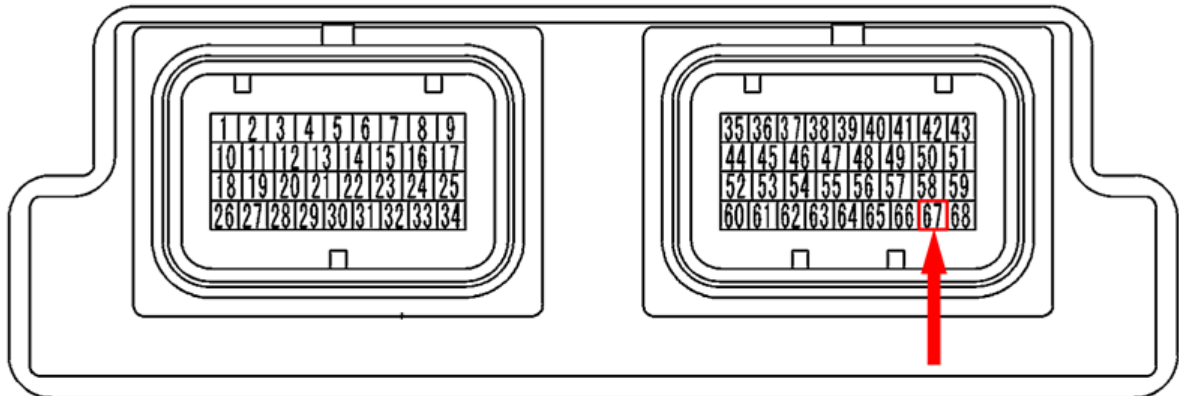
1. Locate the Speed Sensor coupler. It's a 3-pole **black** connector at the left side of the bike, above the front gear of the drive shaft.
2. Disconnect the coupler, and plug-in the 3-pole SH harness connectors. Make sure the connectors are fully seated.



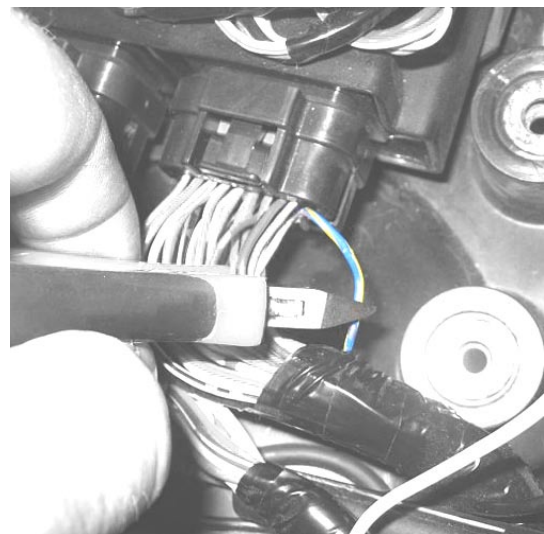
3. Mount the SH box as shown on the right, near the ECU. Use the supplied Velcro strips.
4. Route the 4-pole SH harness connector to the SH box. Plug-in the connector.



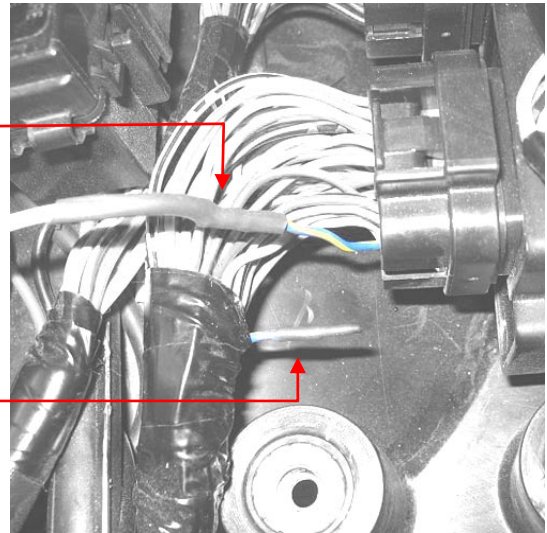
5. Find the **Blue with Yellow stripe** wire in the right ECU connector. The wire position is shown below with red mark.



6. Cut the Blue/Yellow wire, about 1.2 inches (3 cm) away from the ECU connector.



7. Splice the separated White SH wire to the Blue/Yellow wire, which is at the connector side. Soldering is recommended. Isolate with the supplied shrinkable tube, or electrical tape.



8. Isolate the other end of the Blue/Yellow wire with shrinkable tube, or electrical tape.

9. 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.

10. 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.

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

11. 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).

12. 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.