

SPEEDOHEALER v4



Install Guide for **SH-T02** Harness Kit

For use with the following TRIUMPH motorcycles:

Daytona 675 (2006-2010), **Street Triple** (2007-2010)

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

- Before you connect the SpeedoHealer harness connectors to the bike's electrical system, it is necessary to install the supplied 3-pole plug adapters. Installing the plug adapters is a simple and reversible process. No need to cut or splice any wires.

Preparation:

- Find the plug adapters bundled with your Harness Kit (a set of 3-pole white plugs)
- The ignition key should be in OFF position.
- Raise the rear wheel off the ground by using a stand.
Make sure the rear wheel spins freely.
- Remove the seat and raise the fuel tank.

1. Locate the Speed Sensor coupler. It's a **3-pole, black connector**. The larger female plug has Pink, Black/White and Orange/Red leads.
2. Disconnect the Speed Sensor coupler.

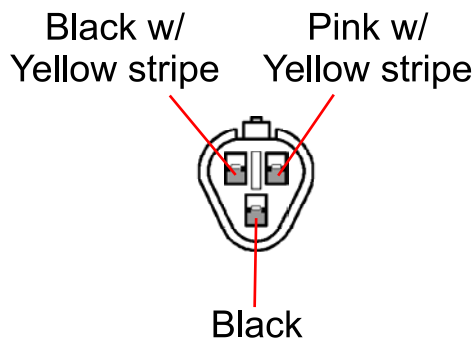
3. Hold the **Smaller 3p** plug facing you, with the lock pin on top. Release the three female terminals:
- *Black with Yellow stripe*
 - *Pink with Yellow stripe*
 - *Black*

To release a terminal, raise the plastic lock pin above the metal contact with a small flat head screwdriver or needle. Pull out the wire GENTLY from the back.

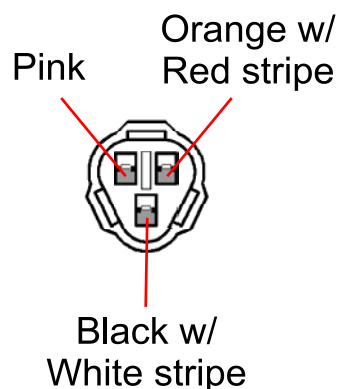
4. Hold the **Larger 3p** plug facing you, with the lock pin on top. Release the three male terminals:
- *Pink*
 - *Orange with Red stripe*
 - *Black with White*

To release a terminal, raise the plastic lock pin above the metal contact with a small flat head screwdriver or needle. Pull out the wire GENTLY from the back.

5. Insert the three female terminals into the **Smaller 3p** white plug supplied through the back until they click into place. The diagram below shows the lead orders with the front of the plug facing you:



6. Insert the three male terminals into the **Larger 3p** white plug through the back until they click into place. The diagram below shows the lead orders with the front of the plug facing you:



7. After installing the plug adapters, plug in both the male and female 3-pole SH harness connectors. Make sure the connectors are fully seated.

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

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. Find a place in your bike for the SH box regarding the followings:

- To be able to change the settings easily, place the unit where it is quickly accessible.
- Frequently wet areas should be avoided.
- Do not place the unit very close to hot places 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 box. Secure the unit with the supplied Velcro strips.

11. 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.

12. 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).

13. 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.