

Installation Instructions for Kawasaki ZX-14 / ZZR1400 (2006+) Concours 14 / 1400GTR (2008+)

Disclaimer: Do not attempt to install the parts if you don't have basic mechanical skills. HealTech Electronics Ltd. and its distributors shall not be liable for any loss or damage caused by improper installation.

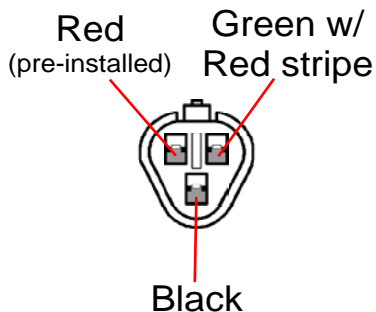
1. Turn ignition key OFF and remove three body panels around fuel tank: left & right grills, left inside fairing cover.
2. Locate the GPS (Gear Position Sensor) coupler. This 4-pole, green connector is located on the left side, above the front sprocket cover. Disconnect it.
3. Put the bike in Neutral and turn the ignition ON. Wait a few seconds. The Neutral indicator should NOT be lit with disconnected GPS coupler. After confirming this, turn the ignition OFF and proceed to the next step.
4. Hold the **Smaller 4p** plug facing you, with the lock pin on top. Release two female terminals out of the four:
 - *Green with Red 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.

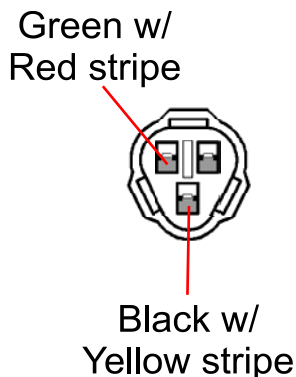
5. Hold the **Larger 4p** plug facing you, with the lock pin on top. Release two male terminals out of the four:
 - *Green with Red stripe*
 - *Black with Yellow stripe*

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.

6. Insert the two female terminals (which you released in step 4) into the **Smaller 3p** 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:



7. Insert the two male terminals (which you released in step 5) into the **Larger 3p** plug through the back until they click into place. The diagram below shows the lead orders with the front of the plug facing you:



8. Reconnect the 4p green connector.

9. Connect the Gipro **Red** wire to a switched +12V wire, e.g. at the fuse box. Use the **Red wire tap connector** supplied (*do not strip the wires when using this connector*).

If you can't find a switched power, connect the Red wire directly to the battery positive terminal (*however, in this case, disconnect the wire if you don't intend to ride the bike for over 3 weeks, otherwise the battery may lose charge*).

10. Spend some time to determine the best mounting location (ZX14: e.g. below the two push buttons). Move the handle bars lock-to-lock to make sure steering won't be restricted by the unit or its harness.
11. Clean the mounting surface with a soft cloth then mount the unit with the supplied 2-sided Velcro strips.
12. Route the harness neatly to the location of the white 3p plug adapters making sure the harness does not interfere with steering and there is no excessive bending of the harness in any steering position.
13. Connect the 3p harness connectors. Make sure that none of the metal pins have been pushed out of position.
14. To minimize cable stress due to vibrations, use the supplied cable ties to fasten the connectors and harness to the bike's wiring harness. Do not allow direct contact between the engine (cylinder block) and the harness.
15. Turn the ignition ON, have the engine stop switch in RUN position. The display should indicate the gear selected. If the display does not come on, check the connections.
16. Take a test ride. If the indicated gears are always correct, you are done.
Otherwise, proceed to section 5.3 of the *User's Guide*, "*Starting the Auto-Learning procedure*".