



# **Woolich Racing**

**Bike Harness Installation Instructions**

**Kawasaki Harness Type 13b**

**H2 2015-2016**



## 1. Introduction

To connect your WoolichRacing.com interface to the ECU ('Engine Control Unit' or computer) in your motorcycle you will need to first install the bike harness. This is a relatively simple procedure that involves:

1. Locating the ECU in your motorcycle
2. Removing one of the ECU plugs
3. Installing the one pin from the one wire extension harness into the ECU plug
4. Connecting the plug on the main harness to the extension harness

The above procedure is described in detail in this guide and should only take approximately 15 minutes to complete. No cutting or splicing of the factory wiring harness is required for this particular installation.

## 2. Hardware

To install the on bike harness you should have the following hardware as supplied with your Woolich Racing purchase:

1. One wire extension harness
2. Main extension harness/KDS to interface harness

## 3. Tools

The following tools will be useful when installing the Woolich Racing bike harness:

1. Small flat head screwdriver
2. Small scribe/pick, small jewelers screw driver or paper clip (to push out dust plugs on connector)

## 4. Wire Harness Installation

The following steps describe the installation of the on bike harness:

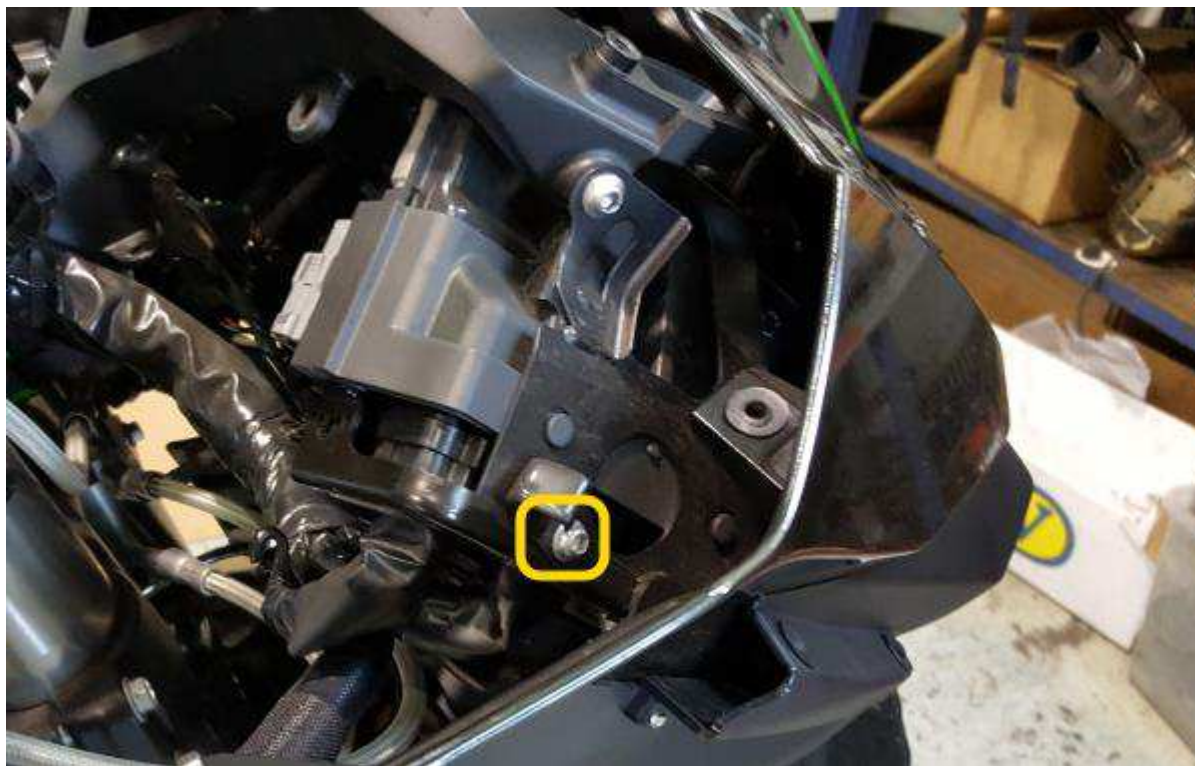
1. Remove the Right side fairings from the bike



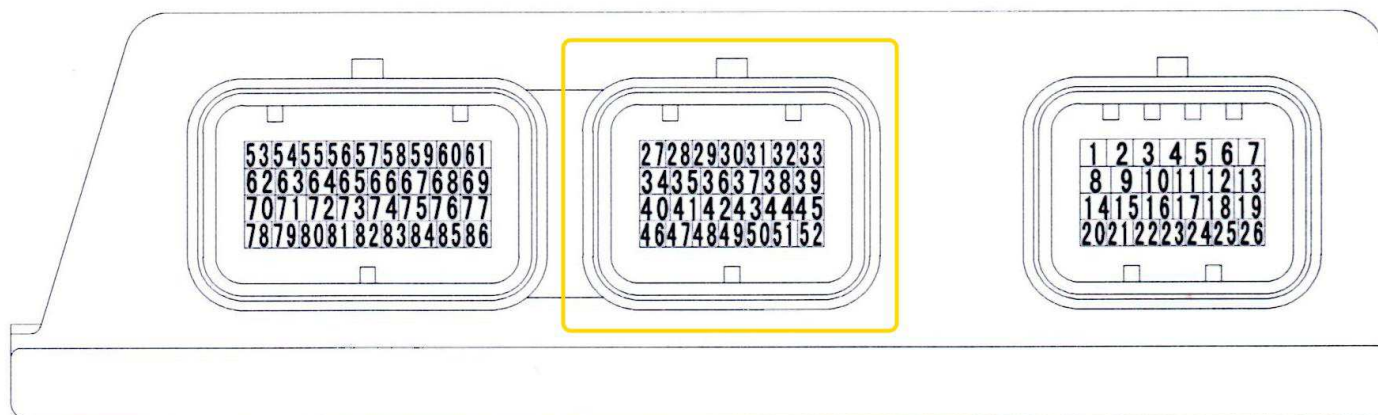
2. Remove the bolts retaining the front fairing and slide forward to expose the ECU.



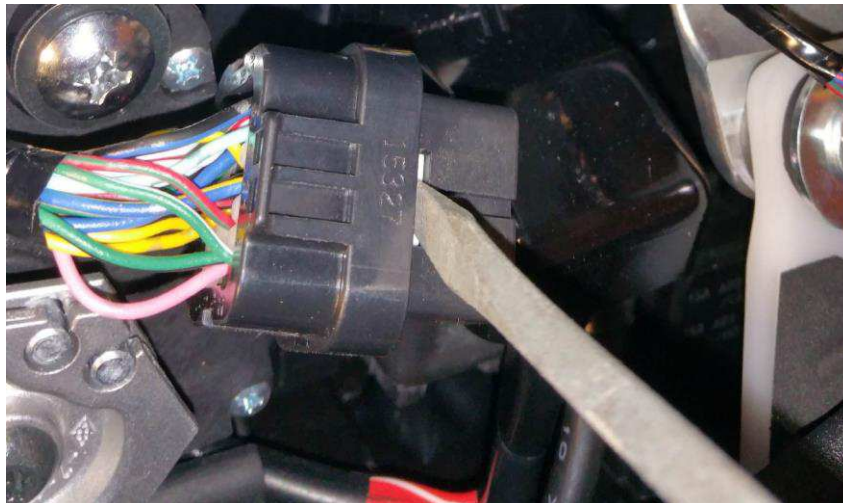
3. Remove the metal “cage” holding the ECU in place.



4. Remove the center ECU Plug

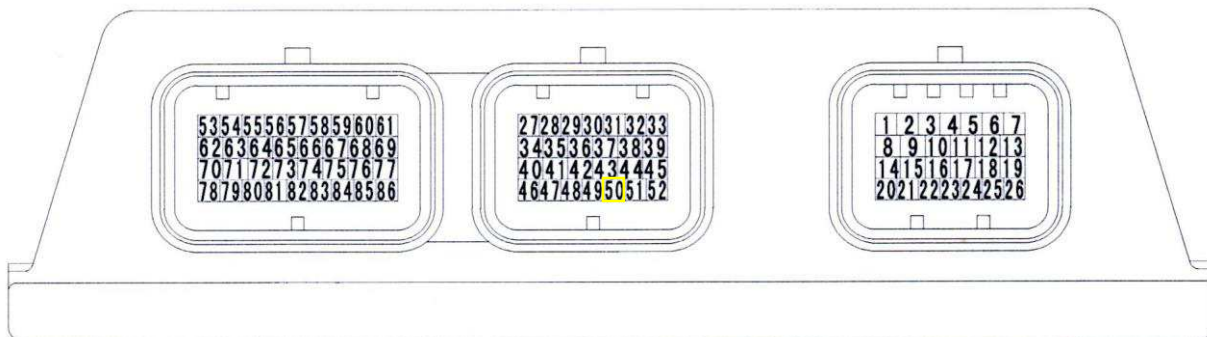


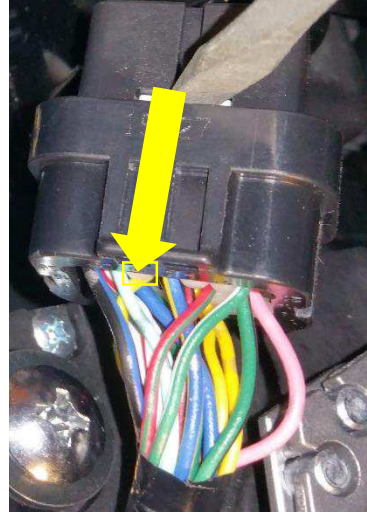
- Turn the middle ECU connector to find the long white plastic locking tab; press down with a flat head screwdriver releasing the pins.



**CAUTION:** Be careful not to pull wires or stretch them after the locking tab has been depressed in order to prevent them from coming loose from the ECU connector.

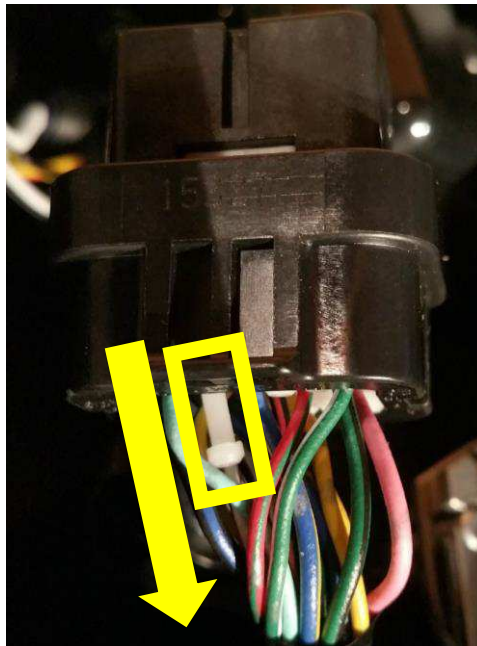
- Find **PIN 50** on the middle ECU connector; it should be occupied by a white plastic dust plug.





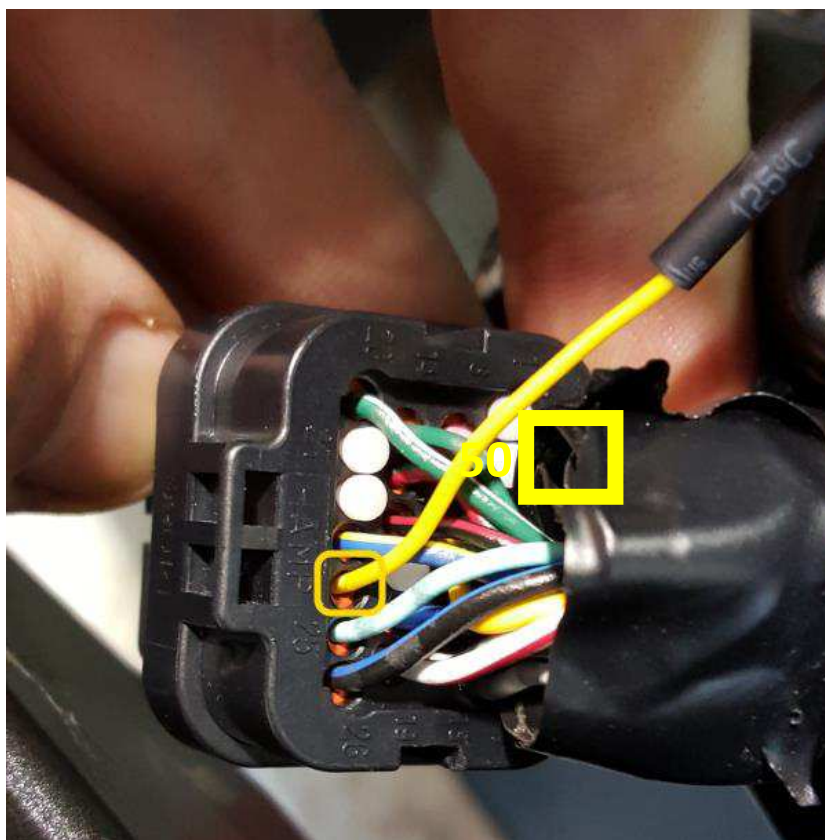
7. Use a pick or scribe to pull the white plastic dust plug out the backside of the connector. Or if preferred, a small paper clip can be unwound and inserted in the connector side of the plug and used to push down and push the plug out the backside of the connector. Remove and discard of plug.

**CAUTION:** If pressing it out, please check twice to ensure you're pressing out the right pin and there are no metal pins in the position you're attempting to push out!





8. Locate the 1 wire extension harness and Insert the female pin receptacle into pin position 50 of the ECU connector. Check several times to ensure it is fully seated.

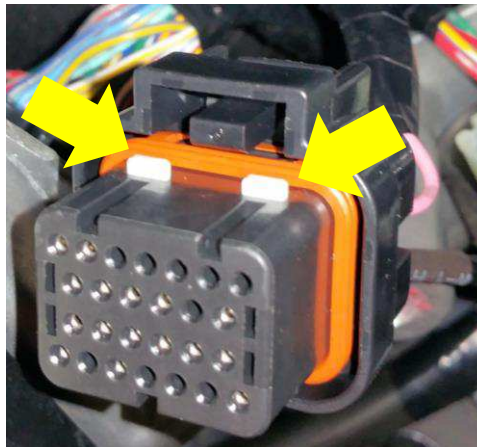


Turn the connector over to show the front and make sure you can see the metal pin receptacle at the top of the ECU connector





9. Find the two white small plastics tabs raised on the outside of the ECU connector



Use the flat head screwdriver to press them down flat; this locks the pins into place in the connector



10. Connect the middle ECU connector back on the ECU making sure it latches and locks into the ECU. You should hear and/or feel a small 'click' when it locks into place. Gently pull on the ECU connector to make sure it is locked into place and correctly orientated.



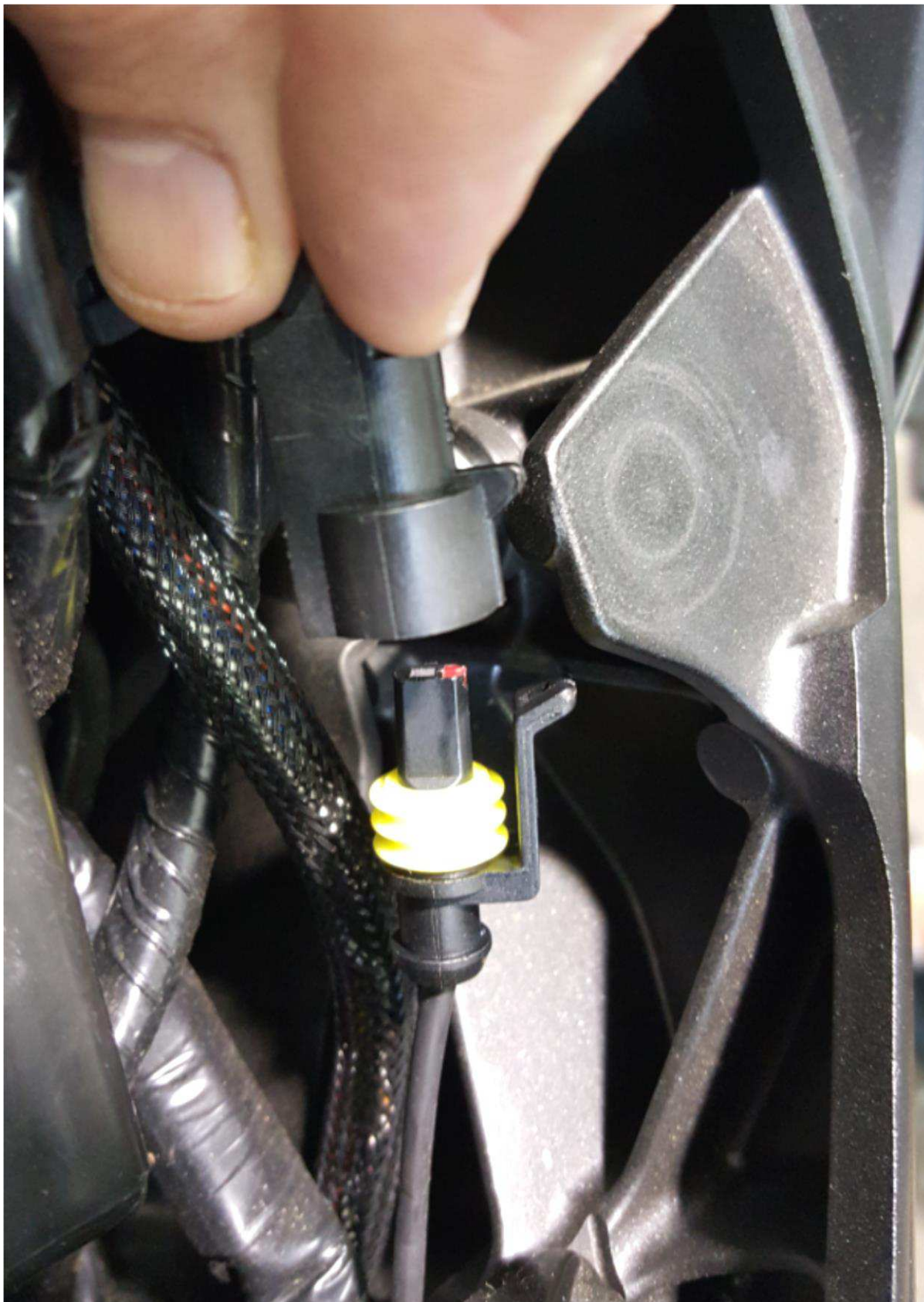
11. Route the single wire extension harness back to the rear of the bike along the frame, to a position under the rider seat. Use zip ties to secure the harness in place.



12. Find the KDS (Kawasaki Diagnostic System) connector under the passenger seat, Plug the Kawasaki Harness Type 13 into the matching KDS plug.



13. Connect the 1 wire harness to the Kawasaki Harness Type 13





14. Reassemble any components you may have taken off your bike during the install, and now your harness should be ready to start flashing your ECU.
15. On bike harness installation is now complete. You can now connect your flashing interface to the on bike harness



## Warranty

Woolich Racing Warranty obligations are limited to the terms set forth below.

Woolich Racing warrants this product against defects in material and workmanship for the period of one (1) year. The warranty period begins with the date of original retail purchase.

This limited warranty is made only to the original end user purchaser ("you") of the product and does not extend to any subsequent purchasers or owners of the product. The "original end user" is the first user to put the product into service in any fashion. It is your responsibility to establish the warranty period by verifying the original purchase date.

If you discover a defect, Woolich Racing will, at its option, repair or replace this product with a new or reconditioned product at no charge to you, provided you return it during the warranty period, with transportation charges prepaid, to Woolich Racing. Please attach your name, address, telephone number, and a copy of the receipt from Paypal as proof of date of original purchase, as well as a detailed description of the problem for which service is requested. You are responsible for packing the product to be returned. If the repairs are covered by the Limited Warranty and if the product was properly shipped to Woolich Racing, Woolich Racing will pay the return shipping charges. This warranty applies only to Woolich Racing products. This warranty does not cover damaged resulting from accident, misuse, abuse, or neglect and/or damage during any type of transportation resulting from improper packaging; damage to any product which has been altered in any fashion, including damage resulting from causes other than product defects, including and not by way of limitation, lack of technical skill, competence, or experience of the user, and/or failure to use the product in accordance with the instructions provided in the User's Manual or Installation Manual; and service performance by an unauthorized person or entity. Any implied warranties including fitness for use and merchantability are limited to the period of the expressed warranty set forth above. The remedies provided under this warranty are exclusive and in lieu of all others.

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