Woolich Racing

Bike Harness Installation Instructions

Suzuki Harness Type 3

1) Introduction

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

1) Locating the ECU in your bike.
2) Removing one of the ECU Plugs.
3) Installing 1 pin from one end of the 1 wire harness into the ECU Plug
4) Locating the Yosh Plug
5) Installing 1 pin from the other end of the 1 wire harness into the Yosh Plug
6) Installing the Yosh/SDS to Interface 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 wiring harness is required for this install.

2) Hardware

To install the on bike harness you should have the following hardware as supplied with your WoolichRacing.com product:

1) ECU to SDS Plug harness (2 wire harness).
2) ECU to Yosh Plug Harness (1 wire harness).
3) Main Yosh/SDS to Interface harness.

3) Tools

The following tools will be useful when installing the WoolichRacing.com bike harness:

1) Small flat head screwdriver (used for removing and installing plug caps, and installing pins).
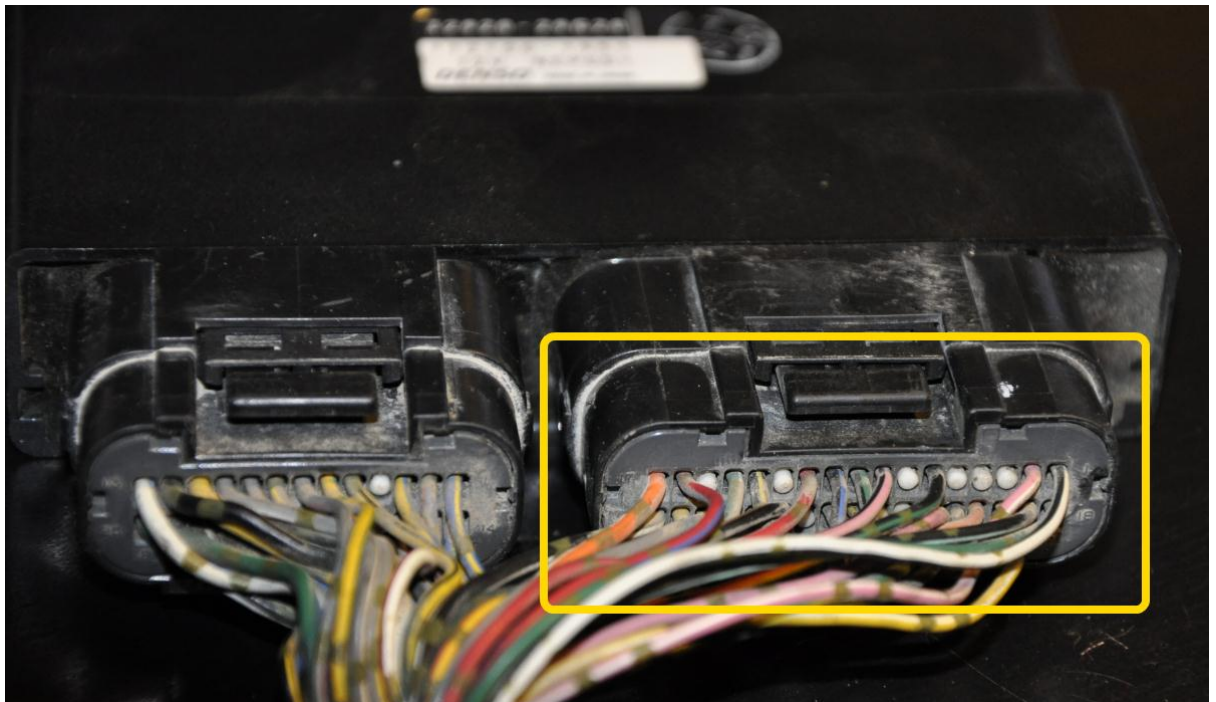2) Paper clip, needle or small jewellers screwdriver (used for removing pin plugs).

4) 2 Wire Harness Installation

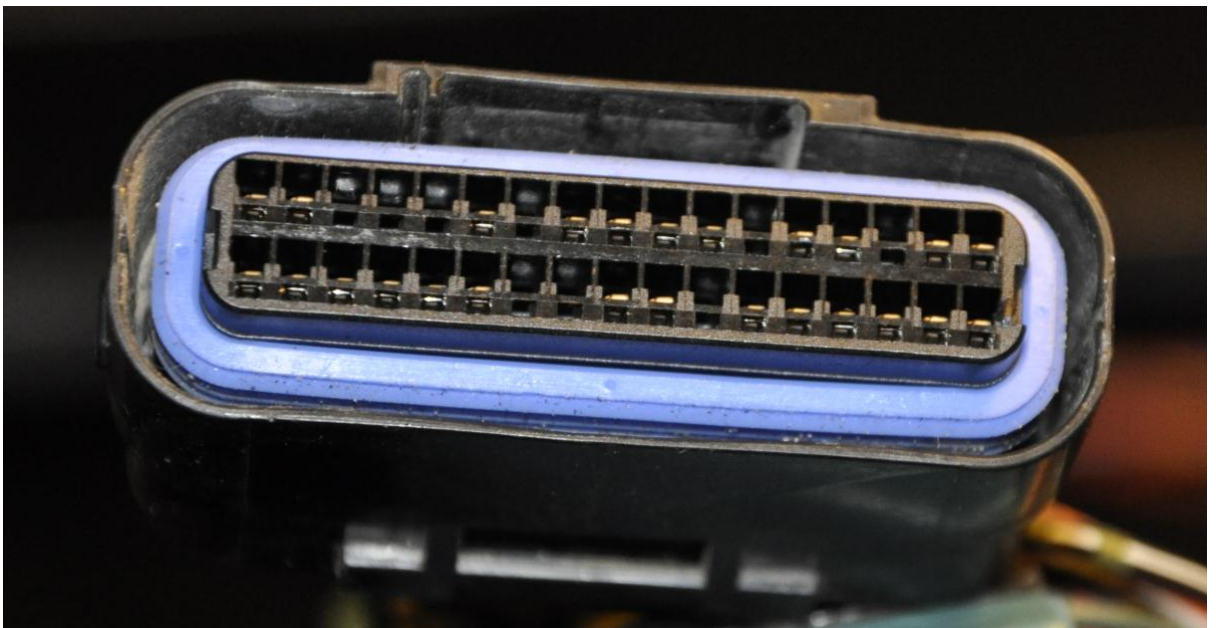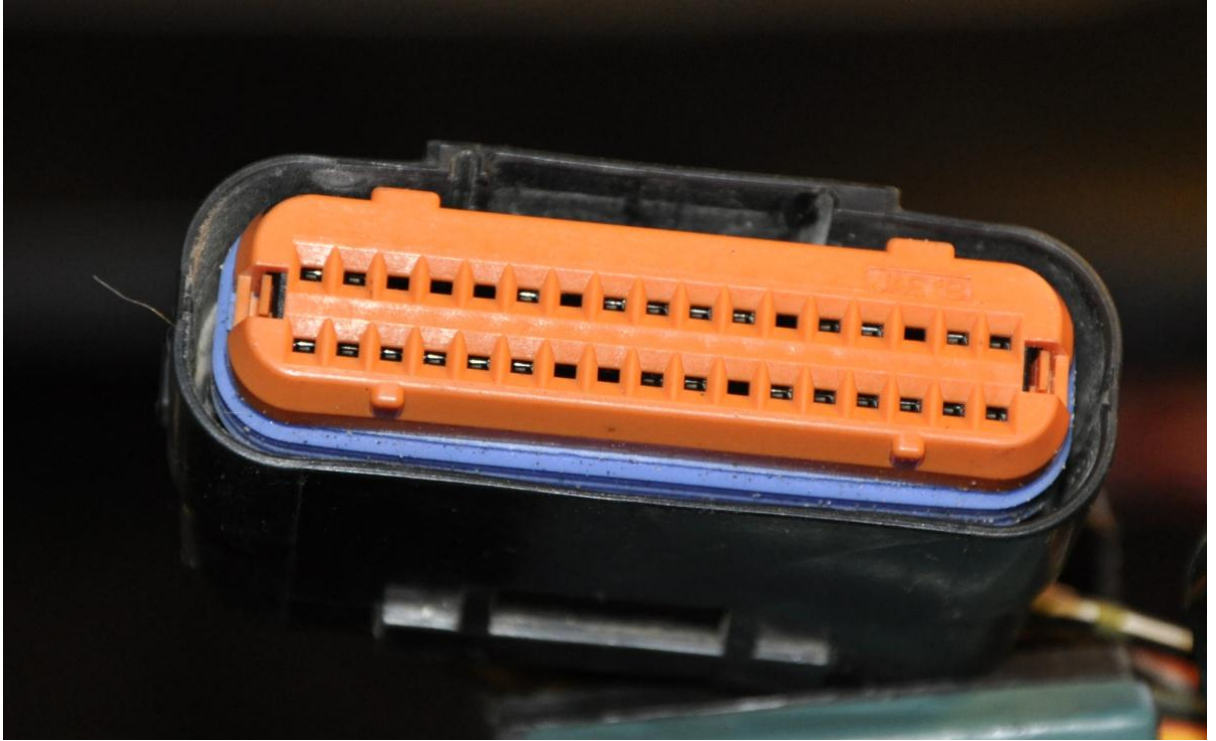The following steps describe the installation of the on bike harness:

1) Remove the seat from the bike.
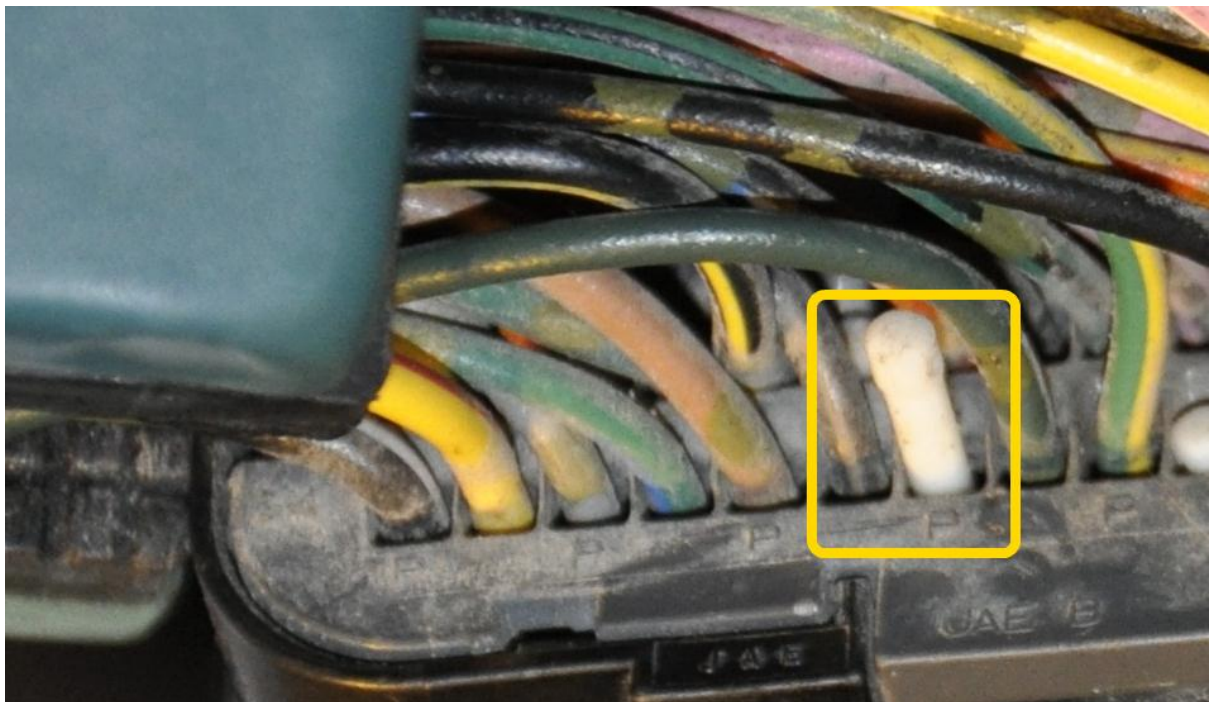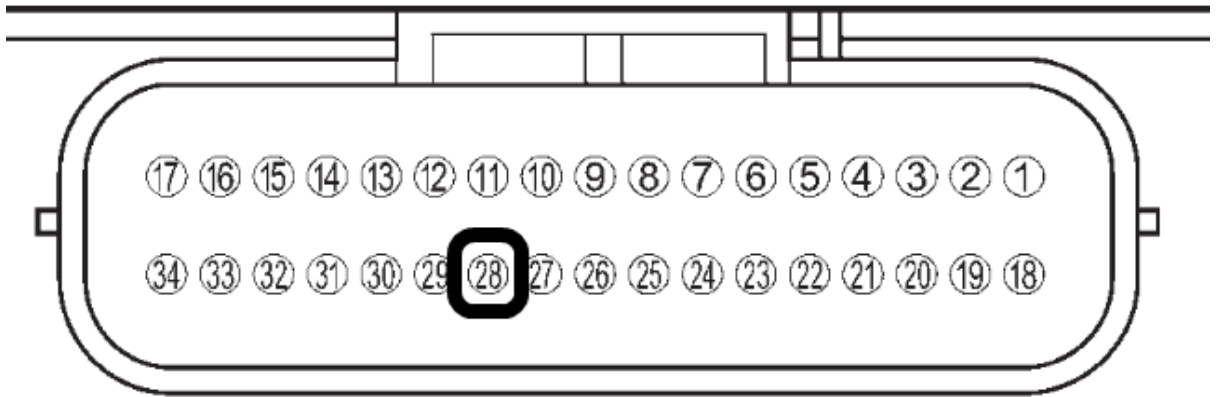2) Locate the ECU under the seat.
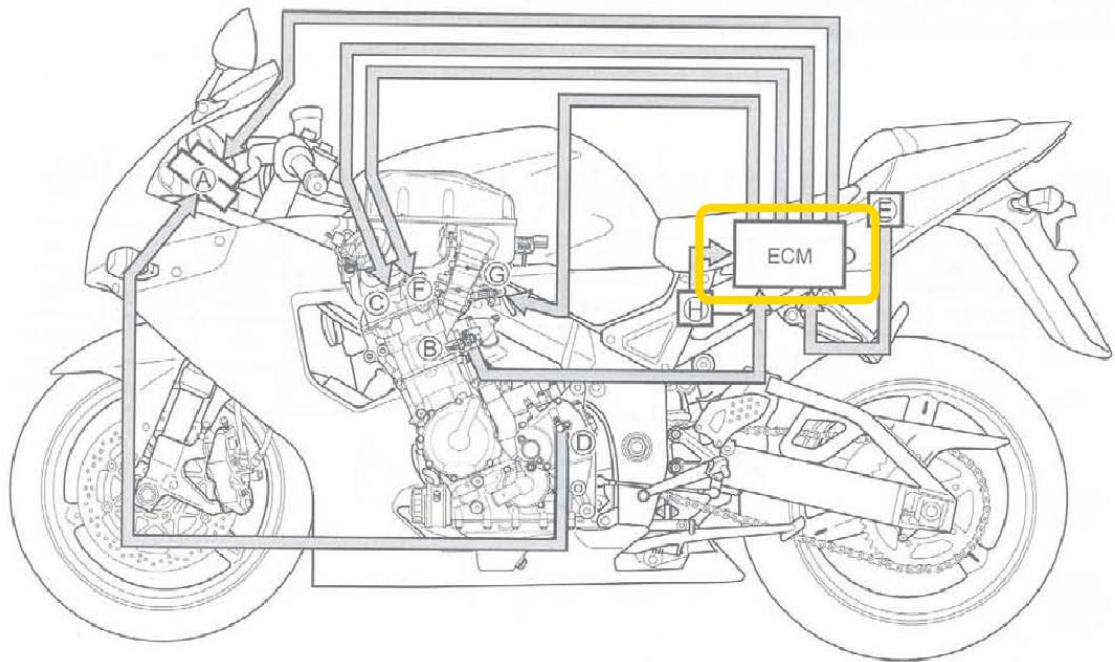
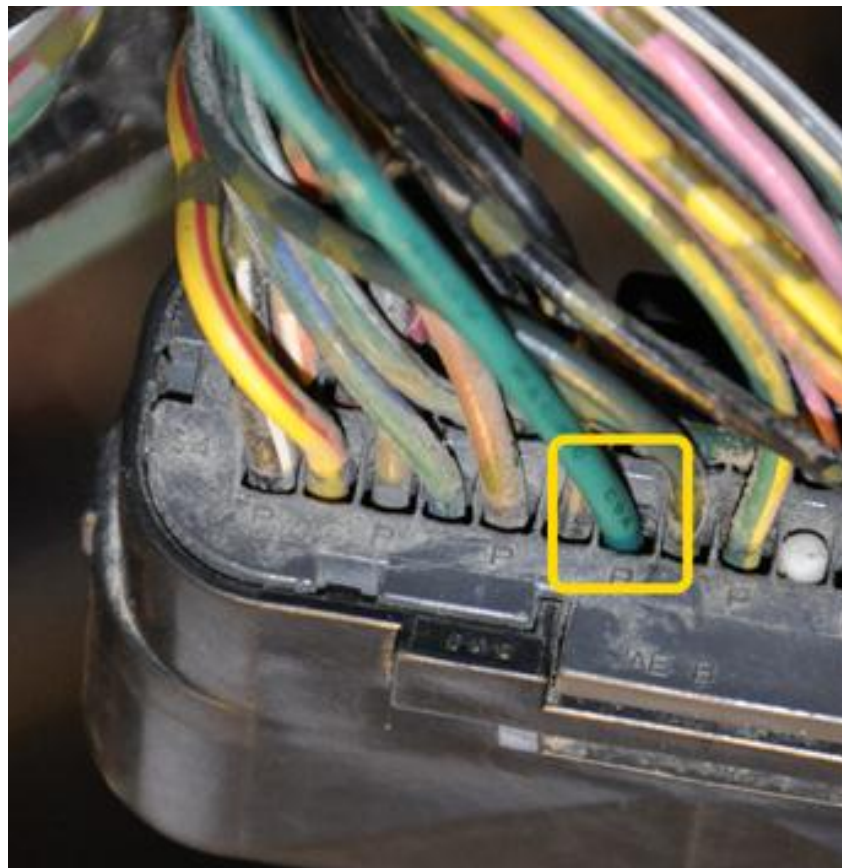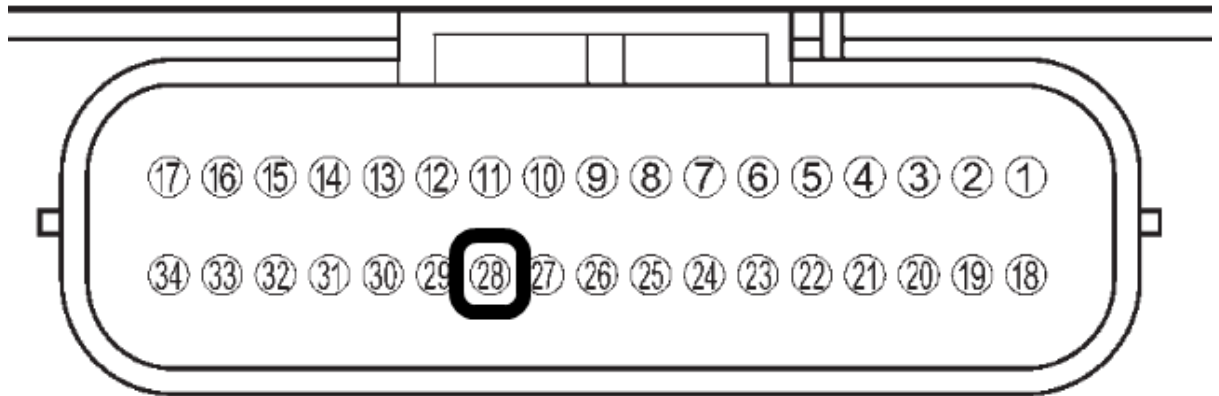3) Unplug the right ECU plug.

4) Remove the orange ECU plug cover.

5) Use paper clip to push the plastic plug out of ECU pin 28. It is easiest to push the plug from the ECU side out towards the back.

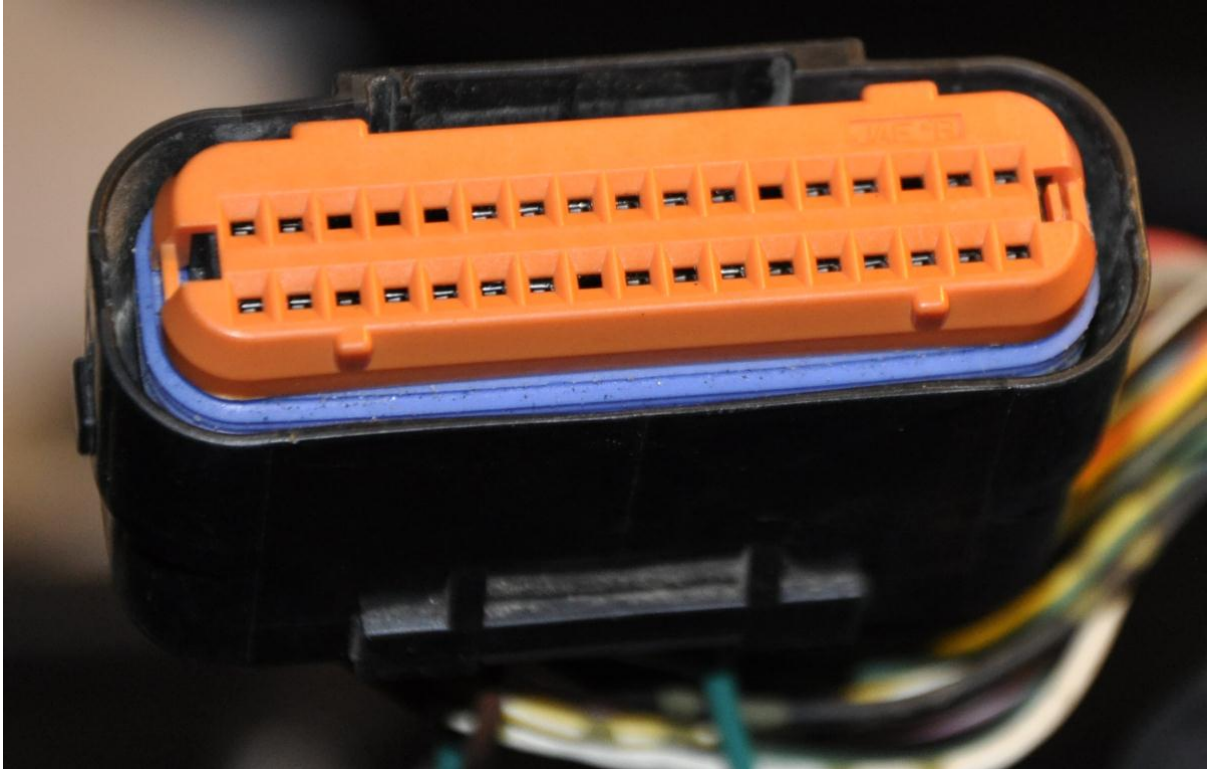6) Using the 1 wire harness (use the end which does not have the plastic plugs surrounding the pin, Install the 1 wire harness into pin 28 on the ECU Plug

7) Re-install the orange plastic cap on front of the ECU plug connector.

8) Plug the ECU plug back into the ECU ensuring the plug seats with a click.
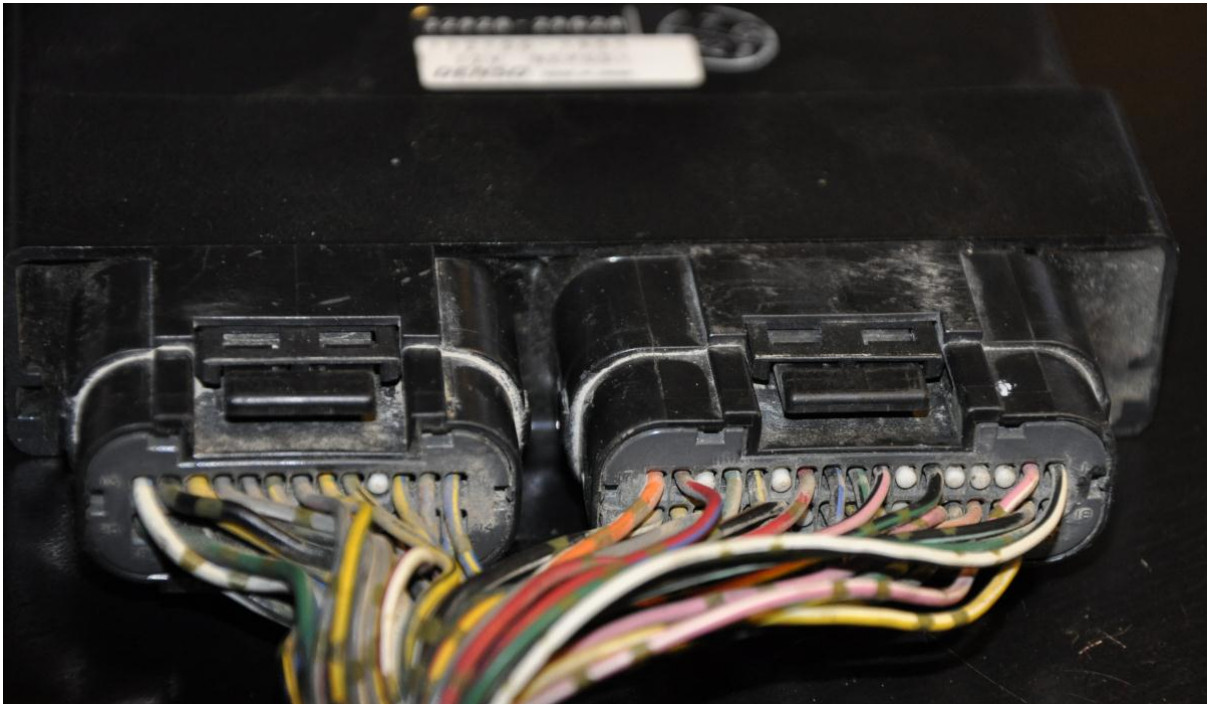
9) Locate the Yosh Plug (black 8 wire plug) under the seat.

10) Remove the yellow plastic cover from the Yosh plug.

11) Using the paper clip, or needle, push out the rubber cap from the empty pin location.

12) Insert the one wire harness into the spare pin position on the Yosh Plug.

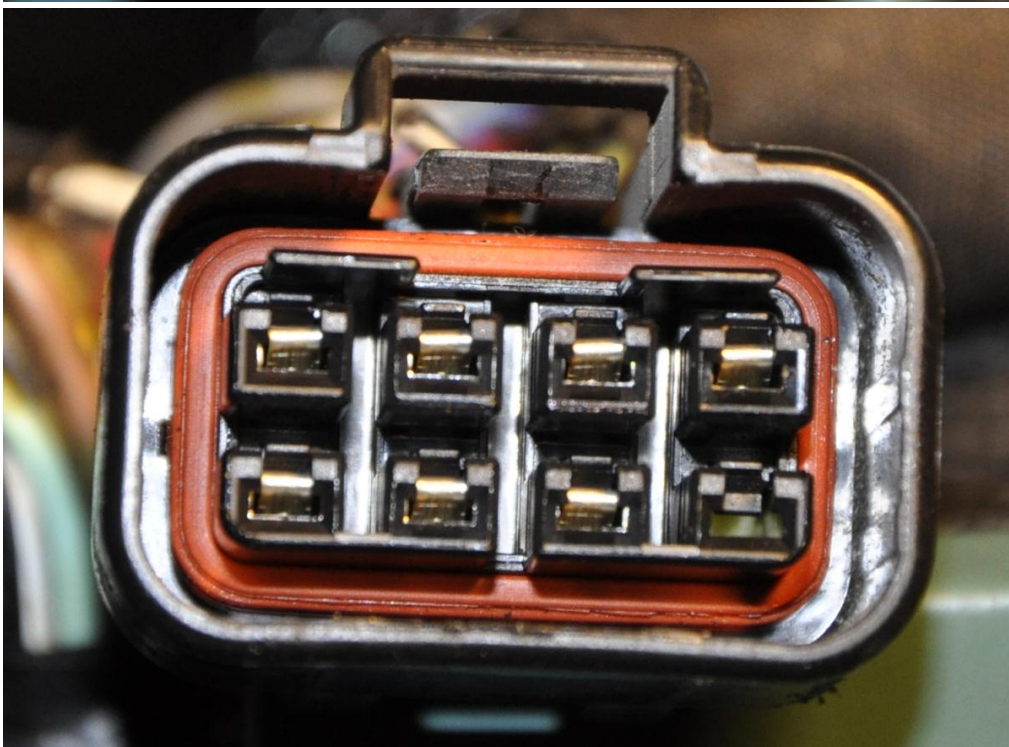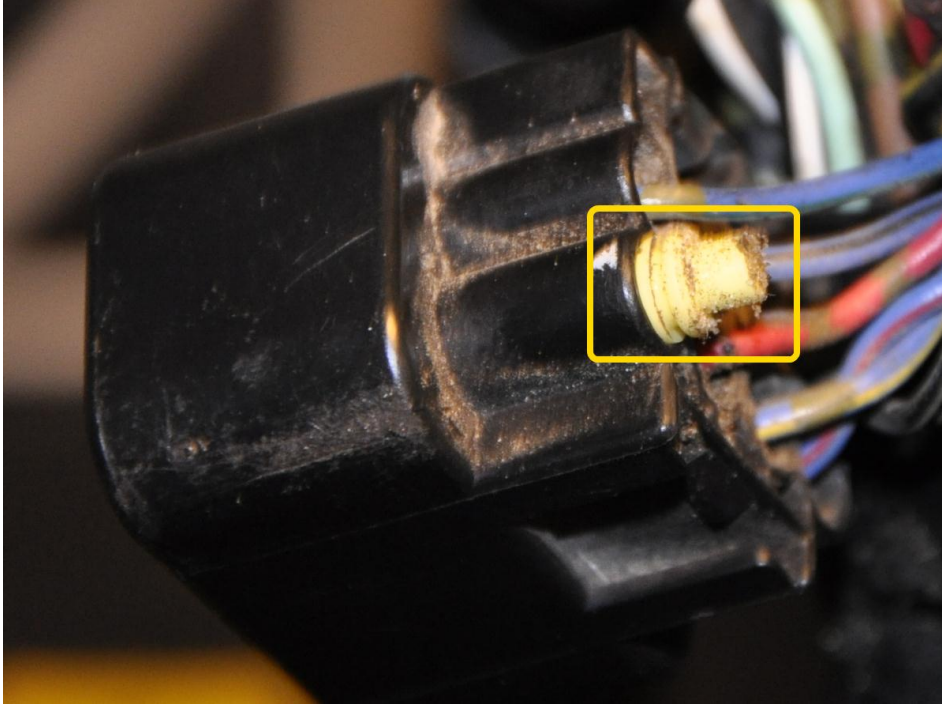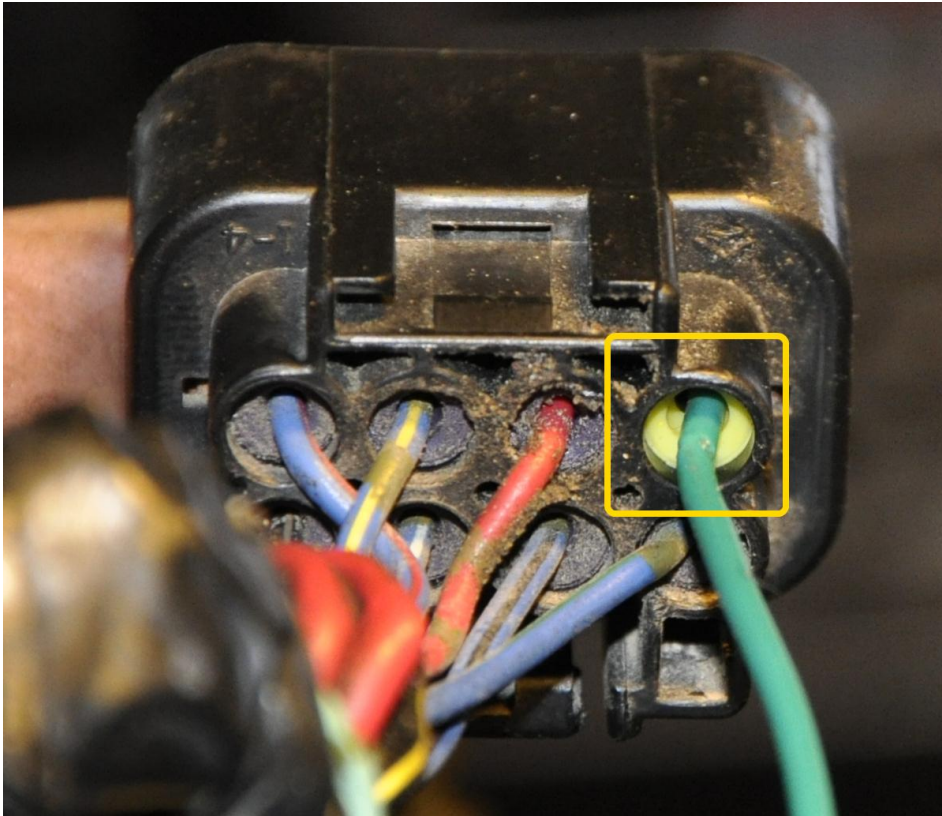13) Place the yellow cap back in the connector, it may be necessary to take a small screw driver and push the locking tab on the pin down in order for the yellow lock to seat fully.
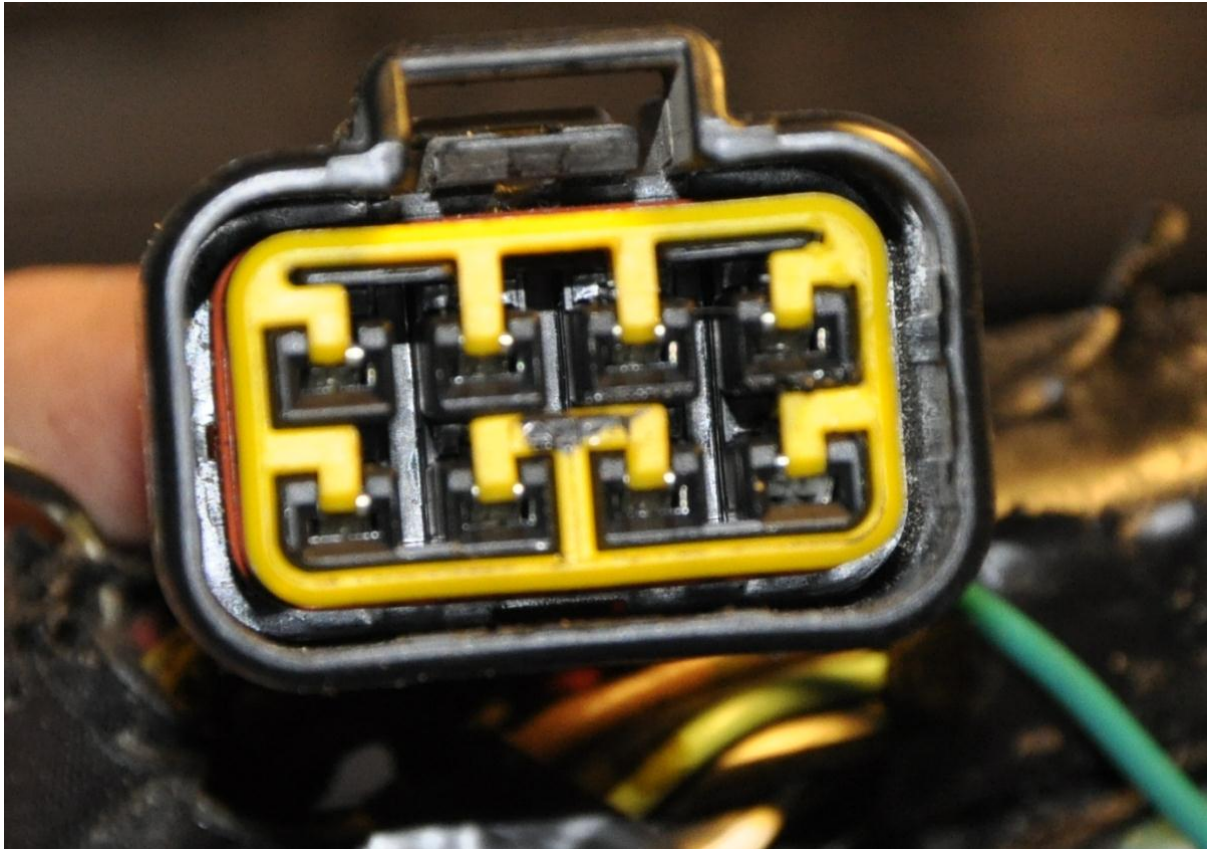
5) Main Yosh/SDS to Interface Harness Installation

The last part of the Harness Installation is to install the Main Yosh/SDS to Interface Harness.

1) Locate the Yosh Plug.
2) Plug the on bike Yosh Plug into the Main Harness Yosh Plug.
3) Locate the SDS plug under the seat
4) Plug the on bike SDS plug into the Main Harness SDS plug.
5) You can now plug your WoolichRacing.com interface into the harness.

6) Final Installation

Reassemble any components you may have taken off your bike during the install, and now your hardware should be ready to start flashing your ECU.

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.

Disclaimer

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