



## Retrofitting CAN wiring into EZ-TCU™ harness

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### Overview

CAN wiring can be added to an existing EZ-TCU™ harness by using a slightly modified FAST™ XFI™ CAN Retrofit Kit. That kit is a Y-shaped pigtail that gets installed into the EZ-TCU™ main connector.

### Firmware

The EZ-TCU™ must be using firmware version 138 or newer for CAN communication to be enabled. An EZ-TCU™ firmware version is shown on the label on the back of the TCU.

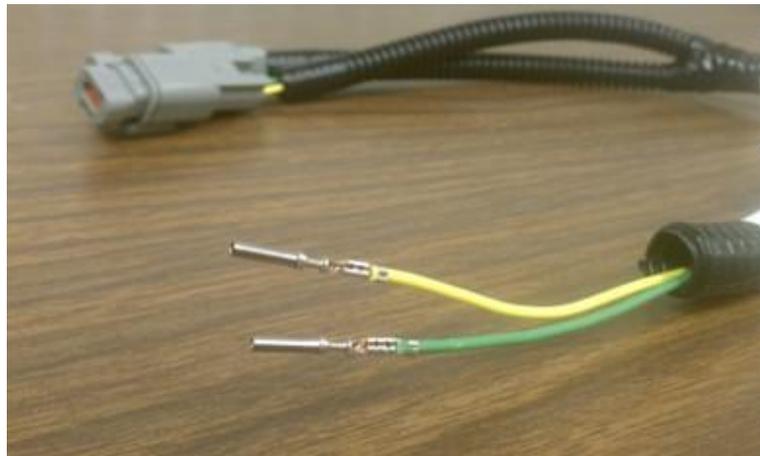
### Parts needed

Quantity	FAST™ Part Number	Description
1	301412	XFI™ CAN Retrofit Kit
2	170096	EZ-TCU™ Terminal

### Modification to XFI™ CAN Retrofit Kit

The XFI™ CAN Retrofit Kit comes with two XFI™ terminals installed. Those need to be replaced by two EZ-TCU™ terminals.

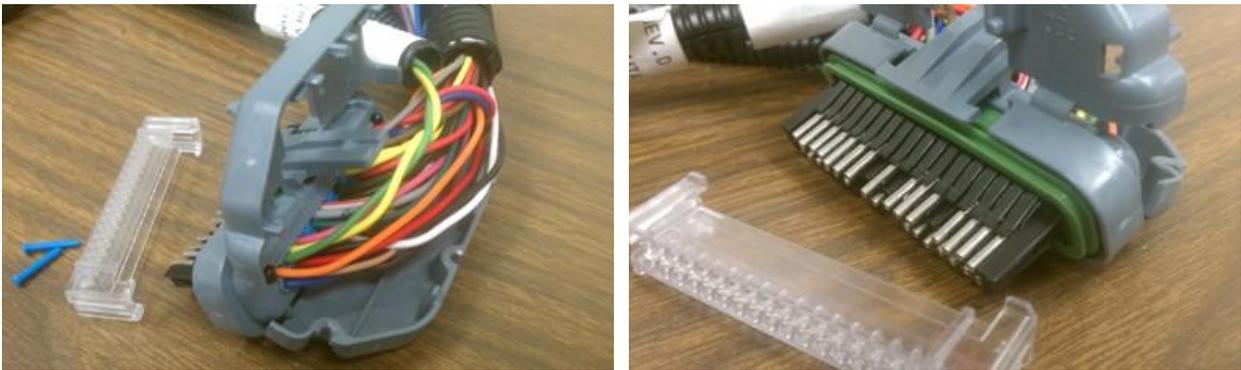
1. Cut off the two XFI™ terminals.
2. Strip approximately ¼" of insulation off of both the yellow and green wires.
3. Crimp the EZ-TCU™ terminals onto the wires. The larger conductor crimp goes on the bare metal wire strands. The smaller insulation crimp wraps around the outside of the wire insulation.



### Installation into EZ-TCU™ harness

4. Disconnect the main connector from the EZ-TCU™.
5. Remove the clear plastic cover to expose the terminals. There is a thin black tab in each end of the clear cover that needs to be pressed in to release it.
6. Gently pry open the three tabs holding the main connector's backshell together and open it up so you have access to the back of the connector.
7. Remove and discard the blue cavity plugs from cavities 2 and 3.
8. Insert the EZ-TCU™ terminals into the main connector. They should click into place and line up with the rest of the existing terminals.

Cavity Number	Wire Color
2	Green
3	Yellow



9. Reinstall the clear cover over the terminals.
10. Close the backshell. A short length of wire loom may need to be trimmed from the CAN pigtail to allow the backshell to close.



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TCI® Automotive's obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within 1 year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect. It is the responsibility of the installer to ensure that all of the components are correct before installation. We assume no liability for any errors made in tolerances, component selection, or installation.

**There is absolutely no warranty on the following:**

- Any parts used in racing applications.
- Any product that has been physically altered, improperly installed or maintained.
- Any product used in improper applications, abused, or not used in conjunction with the proper parts.
- Damage due to excessive manifold pressure, i.e. nitrous backfires, engine misfire, etc.

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