INSTALLATION INSTRUCTIONS

BAZZAZ®

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

HONDA CRF250L 2013
F336 FUEL CONTROL

1>READ

WARNINGS > INSTALLING

- We strongly suggest that an experienced technician install this product.
- Read through all instructions before beginning installation.
- This document is intended for use by qualified technicians.
- This is not a replacement for the factory Engine Control Unit (ECU).
- Refer to a factory service manual for more specific stock component identification/location information and removal/assembly procedures.

WARNINGS > USING

- Use only in race or other closed-course applications and never on public roads.
- Z-Fi products are not certified by the California Air Resource Board (CARB) for use on CA highways.
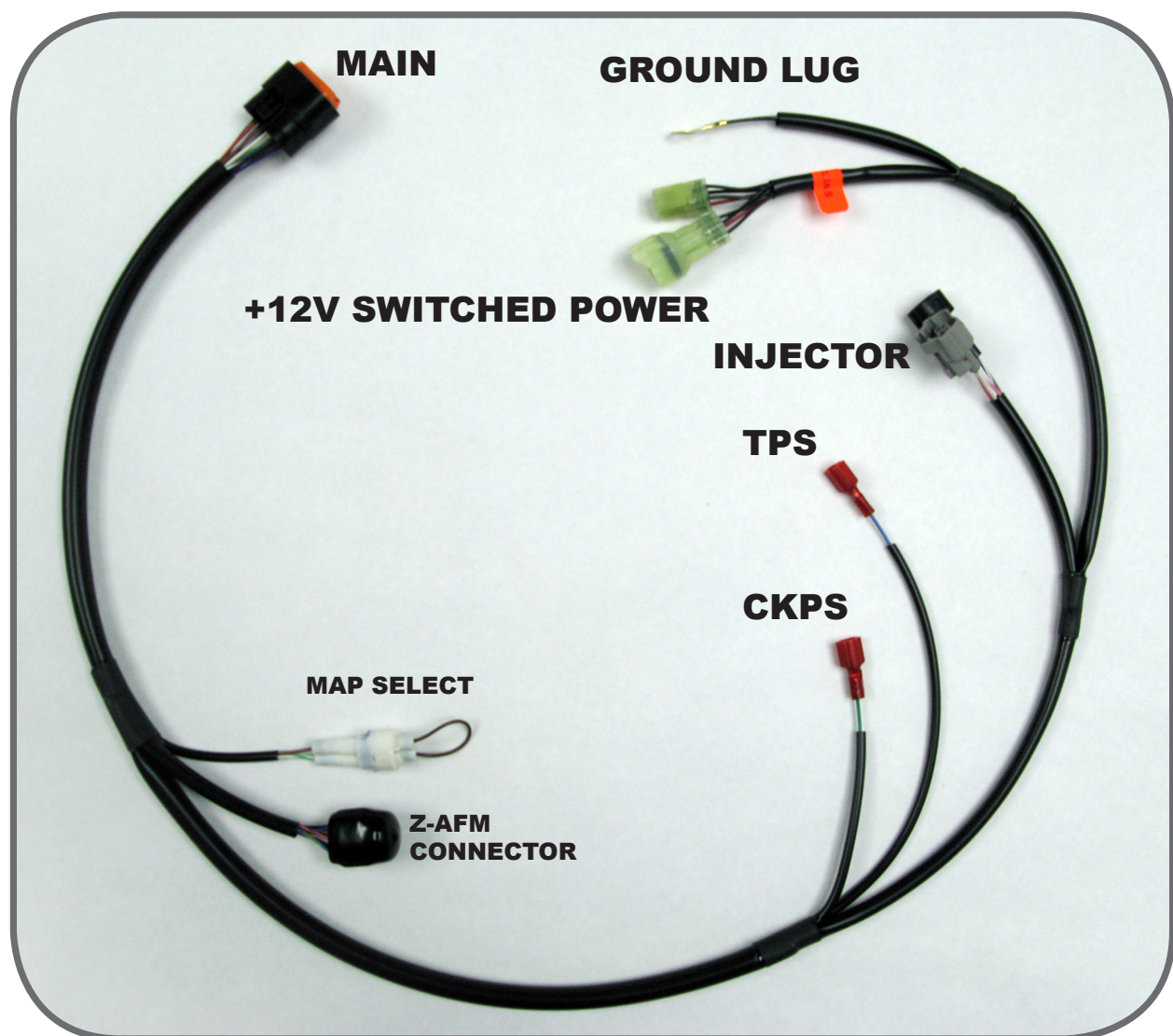
GETTING HELP

- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. USB cable
4. Scotchlok (2)
5. Zip ties
6. Velcro

FUEL HARNESS

MAIN

GROUND LUG

+12V SWITCHED POWER
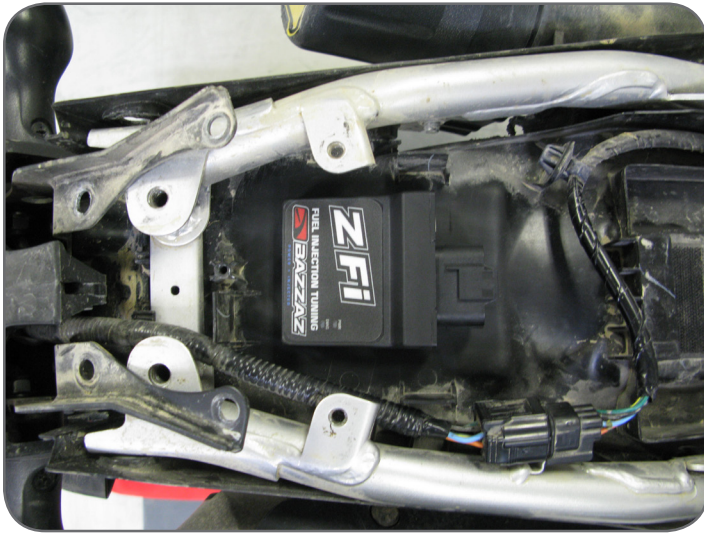
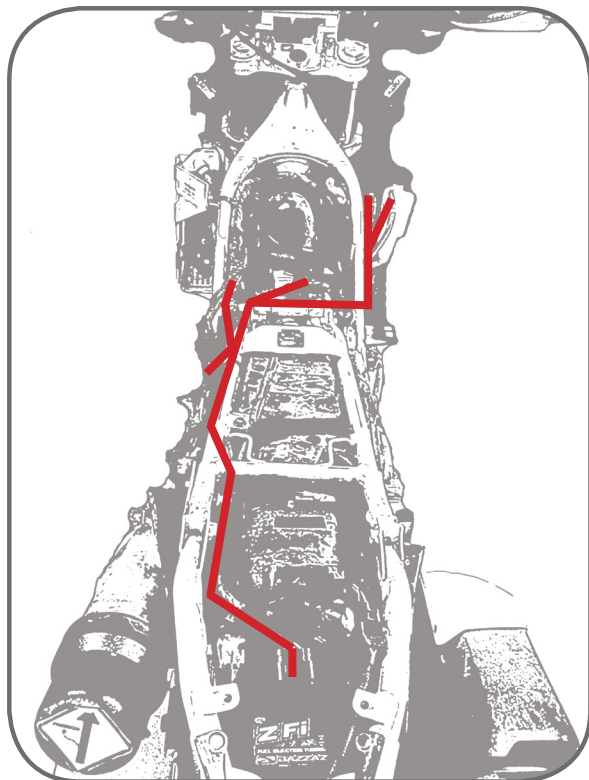INJECTOR

TPS

CKPS

MAP SELECT

Z-AFM CONNECTOR

3>REMOVE

1. Seat
2. Side fairings
3. Tail fairing
4. Fuel tank

4>SECURE

1. Mount the control unit in the tail section of the motorcycle using the provided velcro.
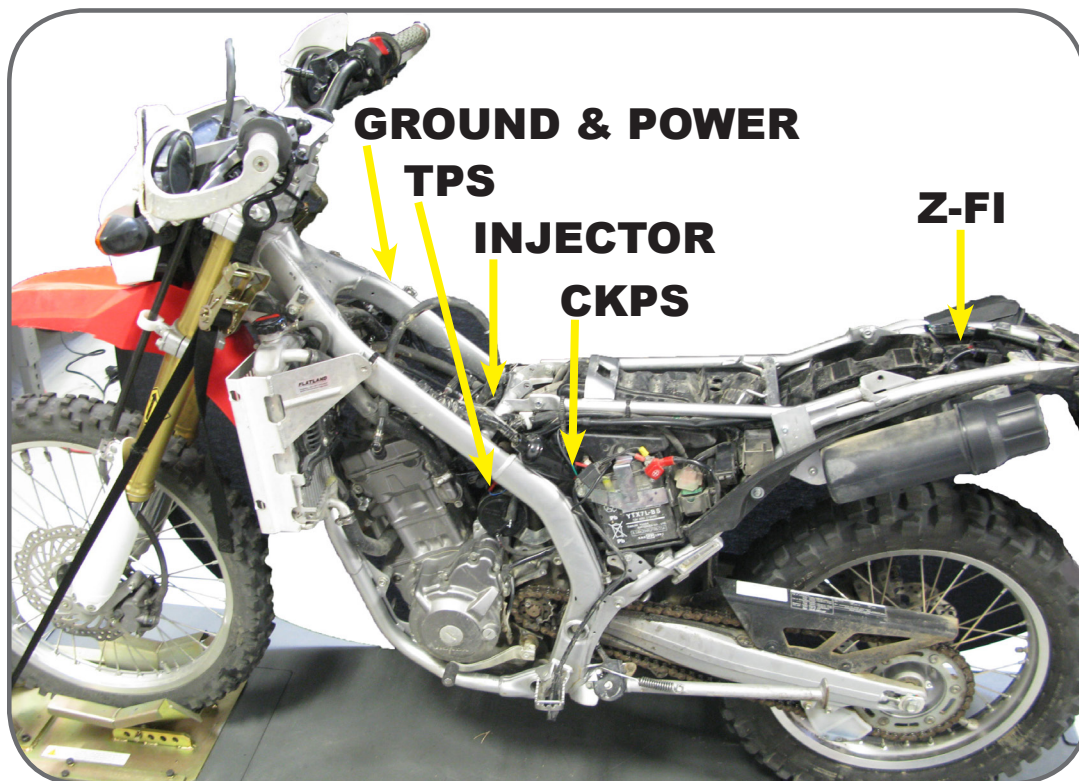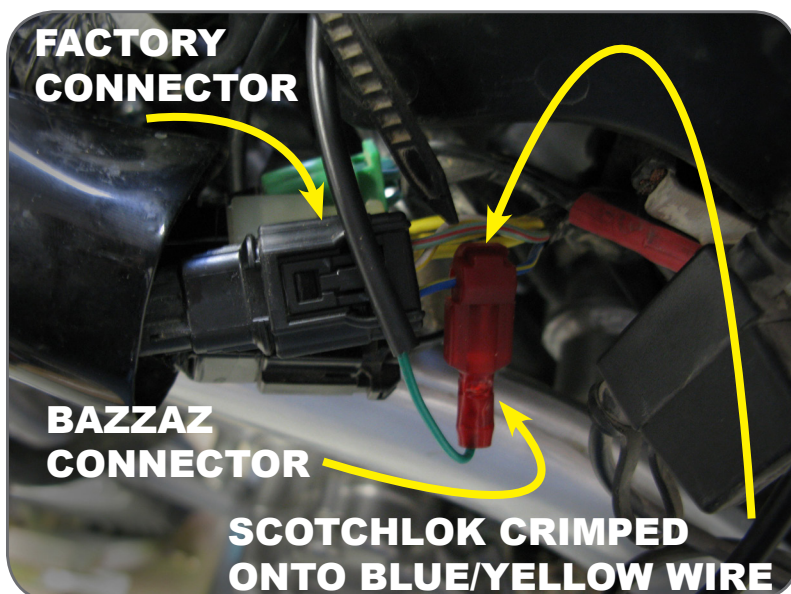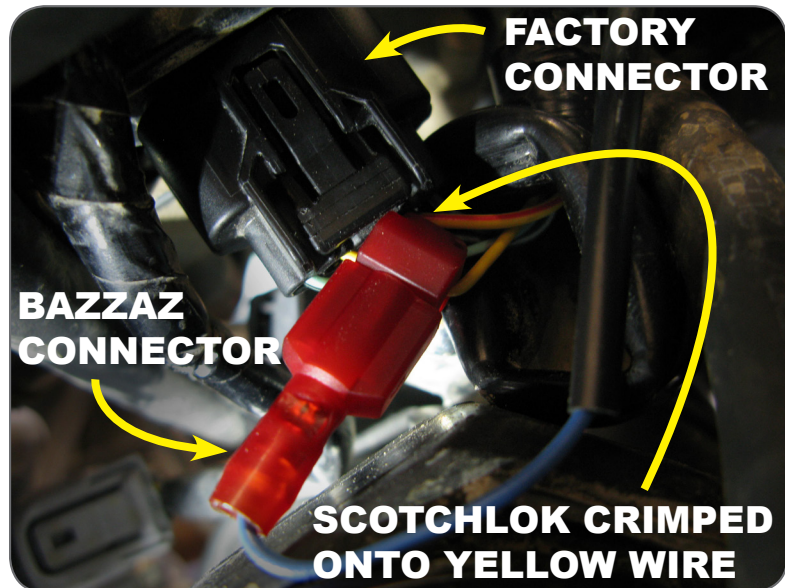
5>CONNECT

5.1

1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the harness forward, along the left side of the sub frame.

GROUND & POWER
TPS
INJECTOR
CKPS
Z-FI

5>CONNECT (CONT.)

5.2

1. Locate the factory Throttle Position Sensor (TPS) connector, found on the left side of the throttle body.
2. Pull back the rubber boot protecting the wires.
3. Crimp a supplied Scotchlok onto the yellow wire of the TPS connector.
4. Insert the Bazzaz TPS connector into the Scotchlok.

FACTORY CONNECTOR

BAZZAZ CONNECTOR

SCOTCHLOK CRIMPED ONTO YELLOW WIRE

FACTORY CONNECTOR

BAZZAZ CONNECTOR

SCOTCHLOK CRIMPED ONTO BLUE/YELLOW WIRE

5.3

1. Locate the Factory Crank Position Sensor (CKPS) connector, found in a rubber boot just in front of the battery.
2. Crimp a supplied Scotchlok onto the blue/yellow wire of the CKPS connector.
3. Insert the Bazzaz CKPS connector into the Scotchlok.

5>CONNECT (CONT.)

5.4

1. Route the harness behind the throttle body, over the intake, and to the right side of the motorcycle.
2. Locate the factory injector.
3. Disconnect the factory connector from the injector.
4. Connect the Bazzaz injector connectors in-line between the factory connector and injector.

BAZZAZ CONNECTORS

INJECTOR

FACTORY CONNECTOR


BAZZAZ CONNECTORS

FACTORY CONNECTORS
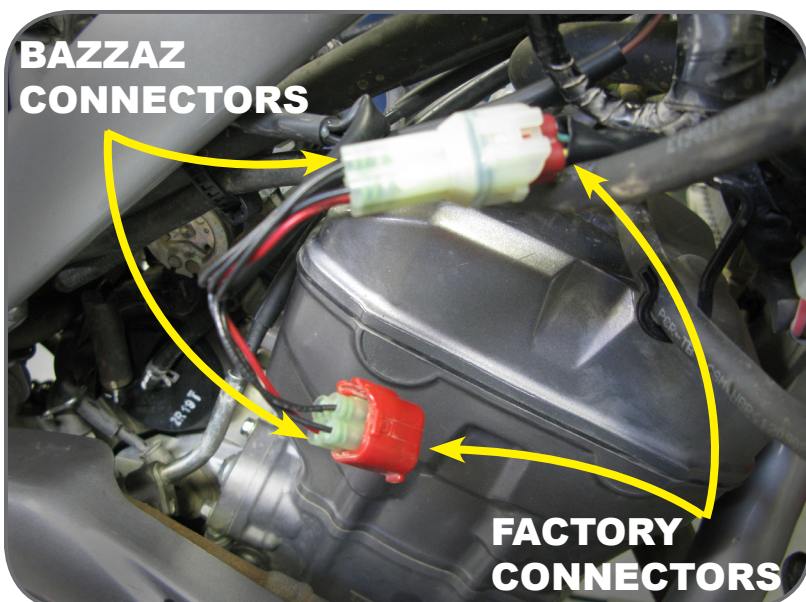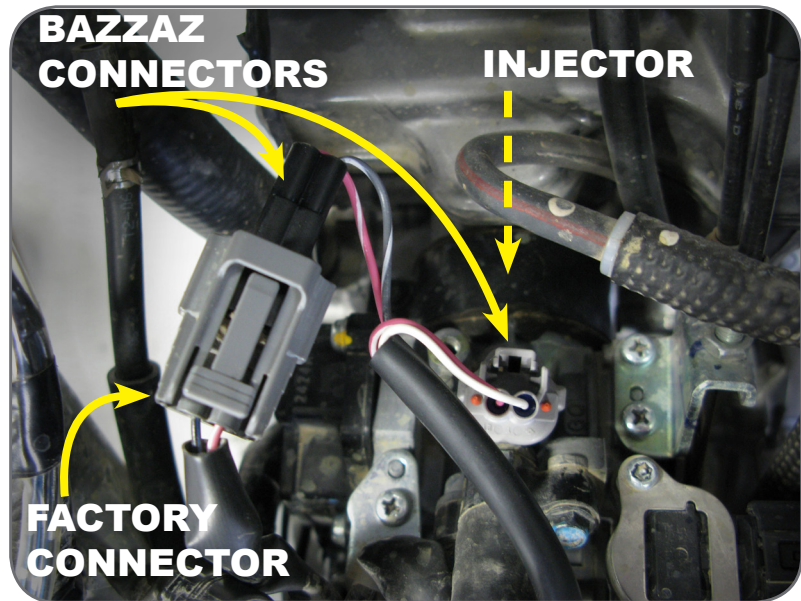
5.5

1. Route the Bazzaz +12V switched power lead up the right side of the motorcycle and to the red factory diagnostic connectors.
2. Disconnect the factory diagnostic connectors.
3. Connect the Bazzaz +12V switched power connectors into the factory connectors.

6>GROUND

1. Locate the factory chassis ground, found near the diagnostic connector used in the previous step.
2. Unbolt the factory 10mm bolt.
3. Secure the Bazzaz ground lug to the chassis ground.
4. Reinstall the factory bolt.

BAZZAZ GROUND
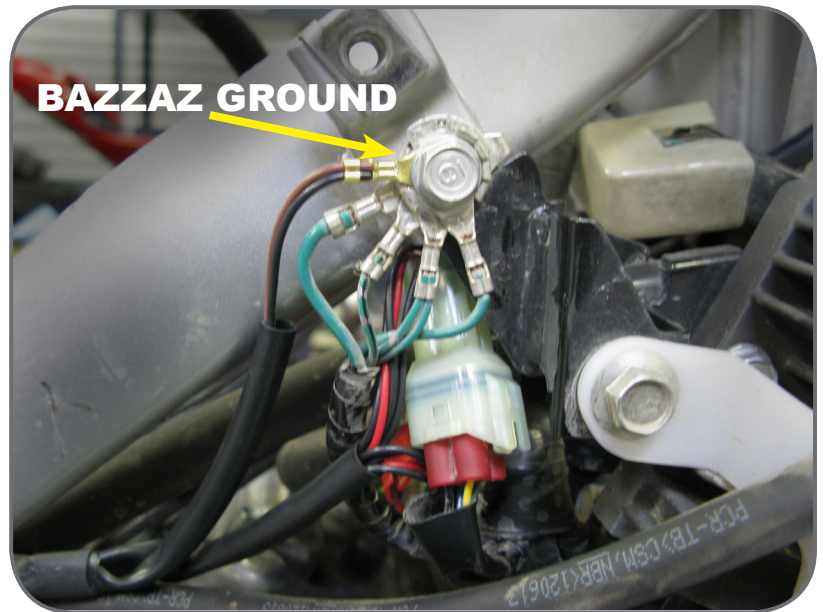
7>SECURE

⚠️ Use the supplied cable ties to secure the harness neatly along the routing path free of any moving or hot components (which could cause damage or failure of the system).

8>CHECK

1. In order to check that the system is installed correctly, download the Bazzaz Z-Fi Mapper software at bazzaz.net.
2. Plug the USB cable into the control unit and computer.
3. Locate and open the Z-Fi Mapper software.
4. Check that the pre-programmed map matches the model of your bike on the fuel map page within the software. This is done by switching from map 1 to map 2 by unplugging the map select jumper on the Bazzaz fuel harness. Map 1 will be pre-programmed and, depending on your model, there may be a pre-programmed map in the map 2 slot. Make sure that the jumper is left plugged in or unplugged, depending on which map you choose. If map 2 is blank, stock ECU settings are used.
5. Start the vehicle and begin to check that the following inputs read correctly on the fuel map page. Use precaution when testing componentry. It's not necessary to put vehicle in gear while under load.

- RPM - Make sure that the RPM is reading near what the vehicle is idling at.
- TPS - When throttle is applied, the TPS should read accordingly.

Use software to also:

- View and/or make adjustments to fuel maps
- Activate Z-AFM self mapper (sold separately)
- Save and load new fuel maps
- Re-calibrate throttle position sensor after throttle modifications
- View diagnostics for troubleshooting

If any problem is found, please carefully follow through the installation steps again.

If problem still persists, please contact Bazzaz tech support

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9>REINSTALL

After it is determined that everything is correct, reinstall the components removed in step 3.

10>USE

MAP 1   **MAP 2**

MAPS

The Bazzaz controller is capable of storing two maps.

Switch maps by connecting or disconnecting the map select jumper supplied with the kit.

Or use the optional handlebar-mounted switch to switch maps on the fly (sold separately).

MAP SELECT SWITCH

Purchased separately. **79.95**

Switch maps on the fly with this handlebar-mounted switch. Weatherproof toggle and easy installation.

Z AFM

SELF MAPPER

Purchased separately.

Build race-level fuel maps for your specific modifications, fuel type, engine, and atmospheric conditions simply while riding.

02 sensor mounts into exhaust and control box easily plugs in to any Bazzaz Z-Fi product.

299.95

NOTES

BAZZAZ
POWER · INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

F336