

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

**GENUINE BUDDY 170i 2011-2013
F2070 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 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



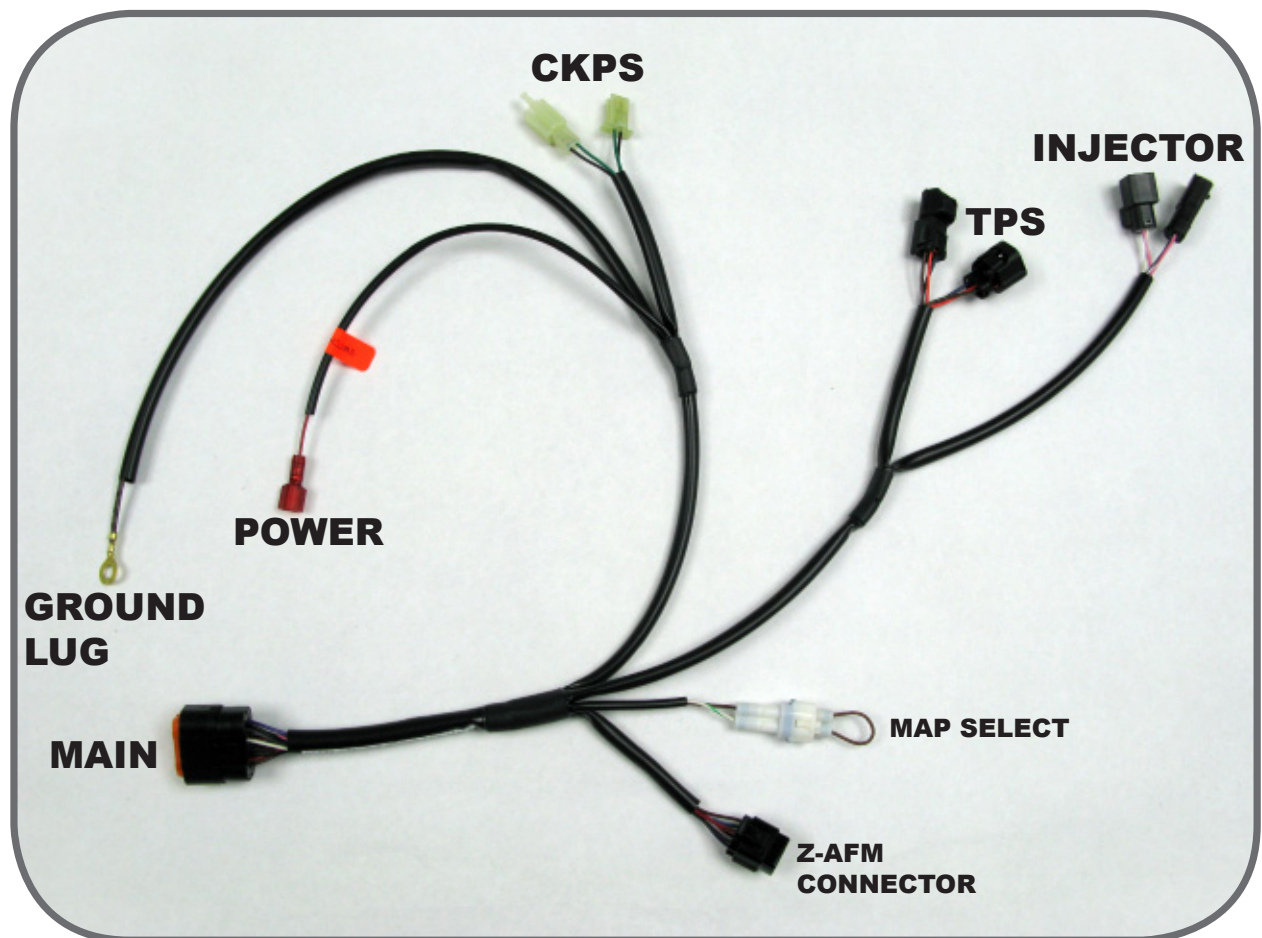
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

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

FUEL HARNESS

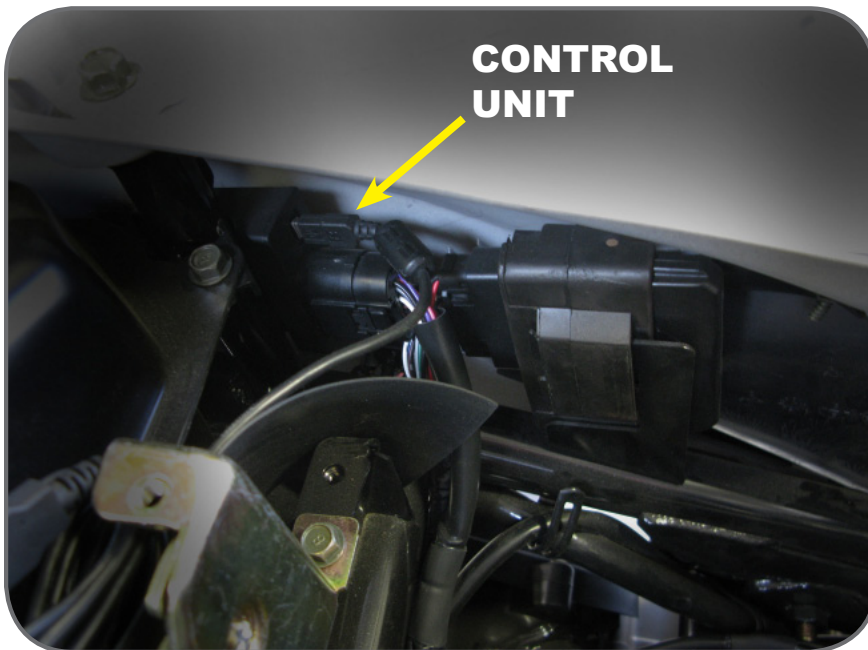


3> REMOVE

1. Rider seat
2. Storage compartment

4> SECURE

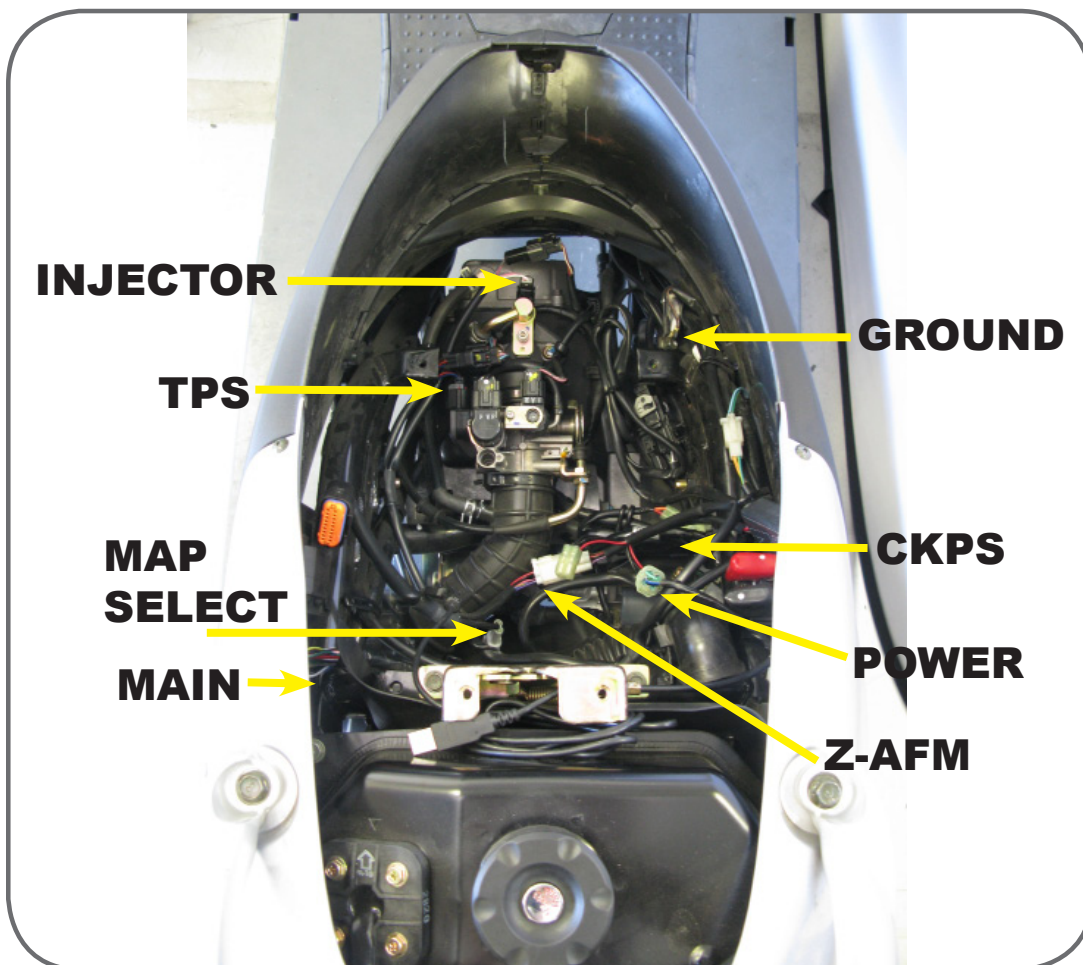
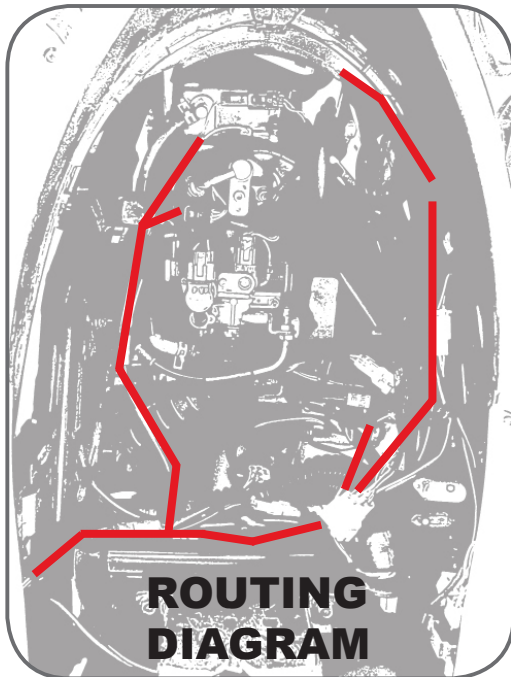
1. Using the supplied Velcro, mount the Bazzaz control unit to the left side fairing, near the gas tank.



5>CONNECT

5.1

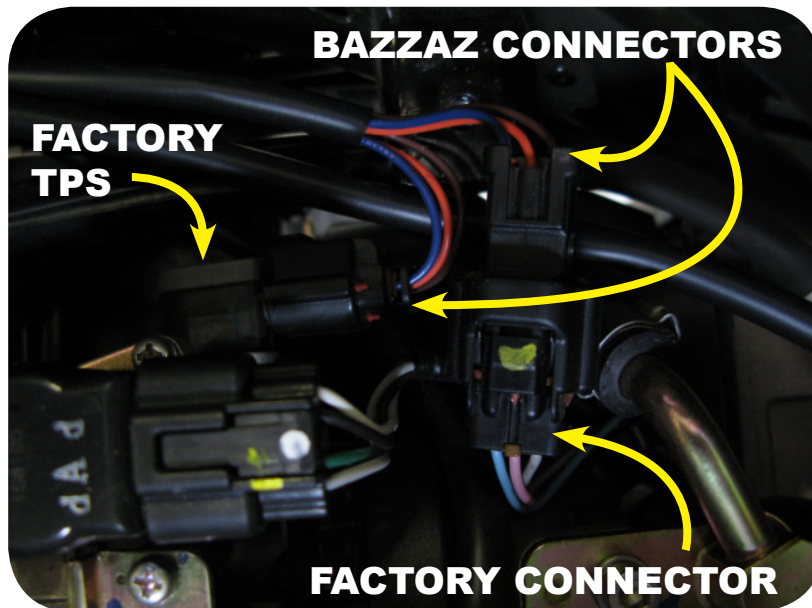
1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Locate the Bazzaz TPS and injector lead on the Bazzaz fuel harness.
3. Begin by routing the lead along the left side of the bike.



5>CONNECT (CONT.)

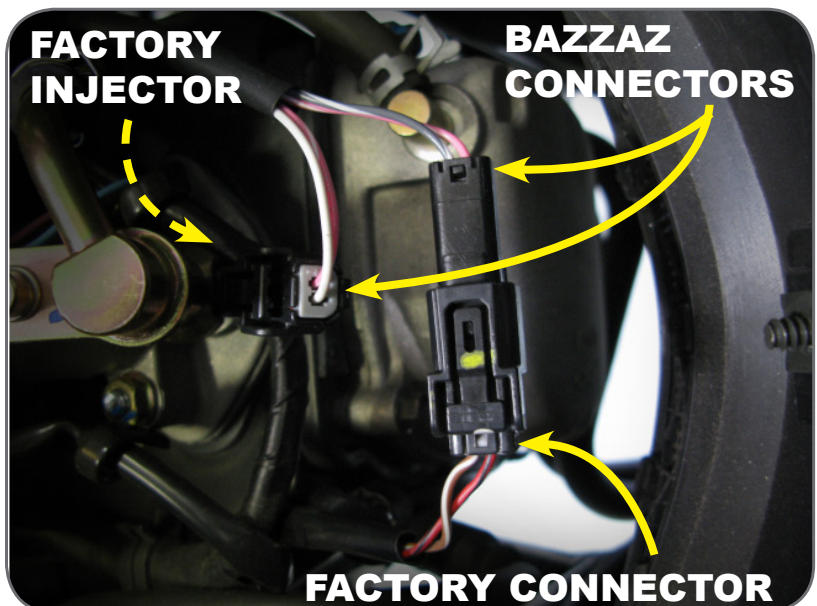
5.2

1. Locate the factory TPS (Throttle Position Sensor) and connector which can be found on the left side of the throttle body.
2. Disconnect the factory TPS connector from the sensor.
3. Connect the Bazzaz TPS connectors in-line, between the factory sensor and connector.



5.3

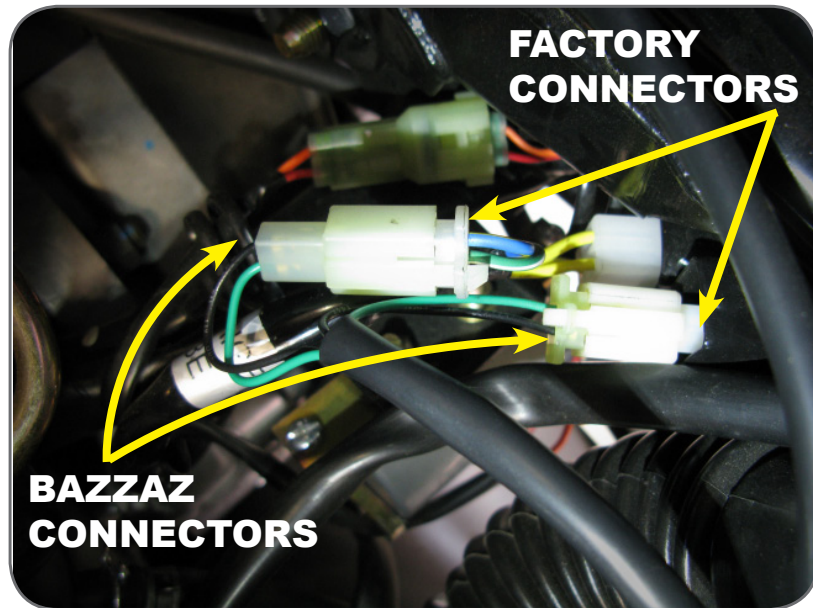
1. Locate the injector found at the front of the throttle body.
2. Disconnect the factory connector from the injector.
3. Connect the Bazzaz injector connectors in-line between the factory connector and injector.



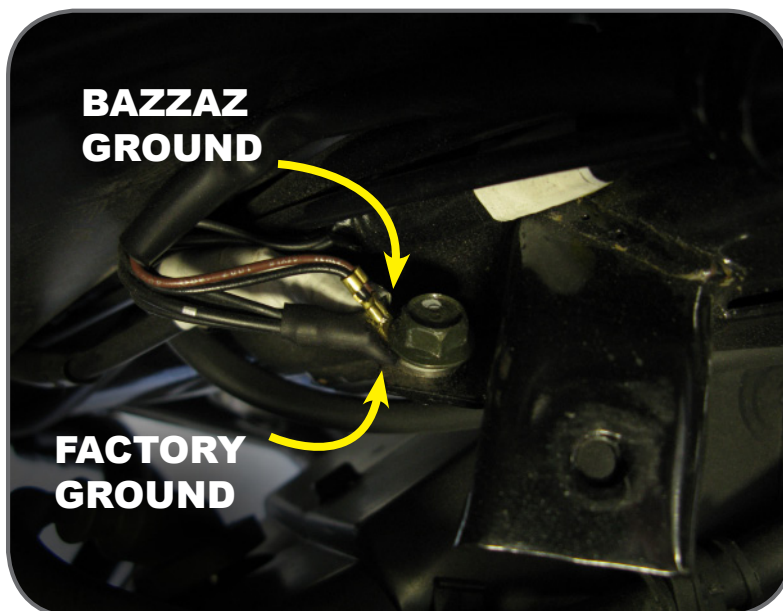
5>CONNECT (CONT.)

5.4

1. Locate the factory CKPS (Crank Position Sensor) connectors which can be found on the right side of the engine compartment and inside a black rubber boot.
2. Disconnect the factory CKPS connectors.
3. Connect the Bazzaz CKPS connectors in-line with the factory connectors.



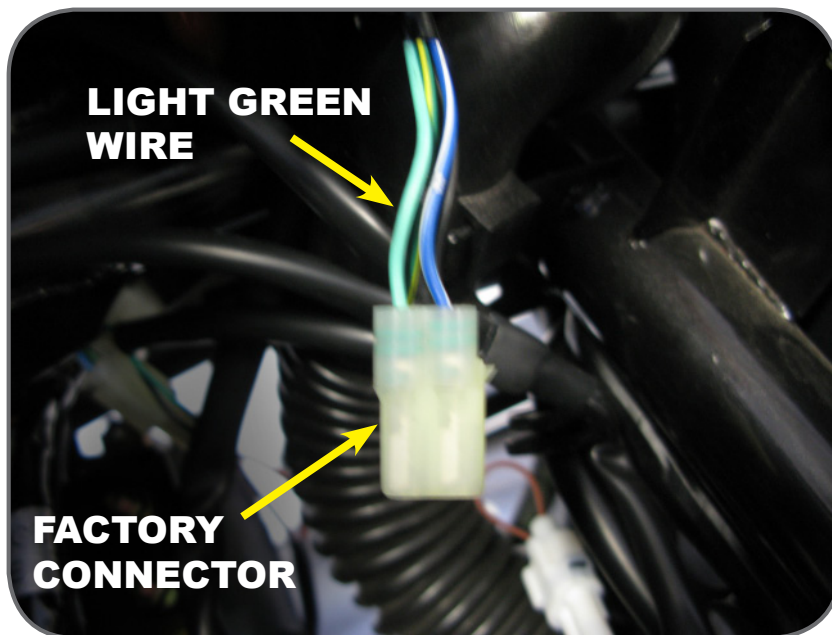
6>GROUND



1. Route the Bazzaz ground lug lead along the right side of the engine compartment, towards the factory ground location.
2. Uninstall the factory ground bolt.
3. Install the Bazzaz ground lug in the same location, along with the factory ground.
4. Reinstall the factory ground bolt.

7>CONNECT

1. Locate the factory diagnostic connector, which was unplugged when removing the storage compartment.
2. Crimp a supplied Scotchlok (not shown) onto the **light green** wire of the factory diagnostic connector.
3. Insert the Bazzaz +12V switched power connector (not shown) into the Scotchlok.



8>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).

9>CHECK



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



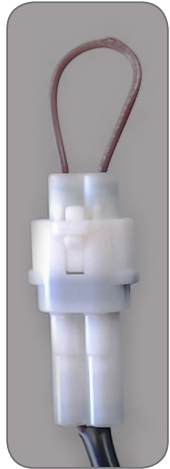
If problem still persists, please contact Bazzaz tech support

- Factory support is available in the US at 909-597-8300.
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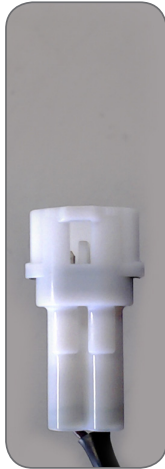
10>REINSTALL

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

11>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).

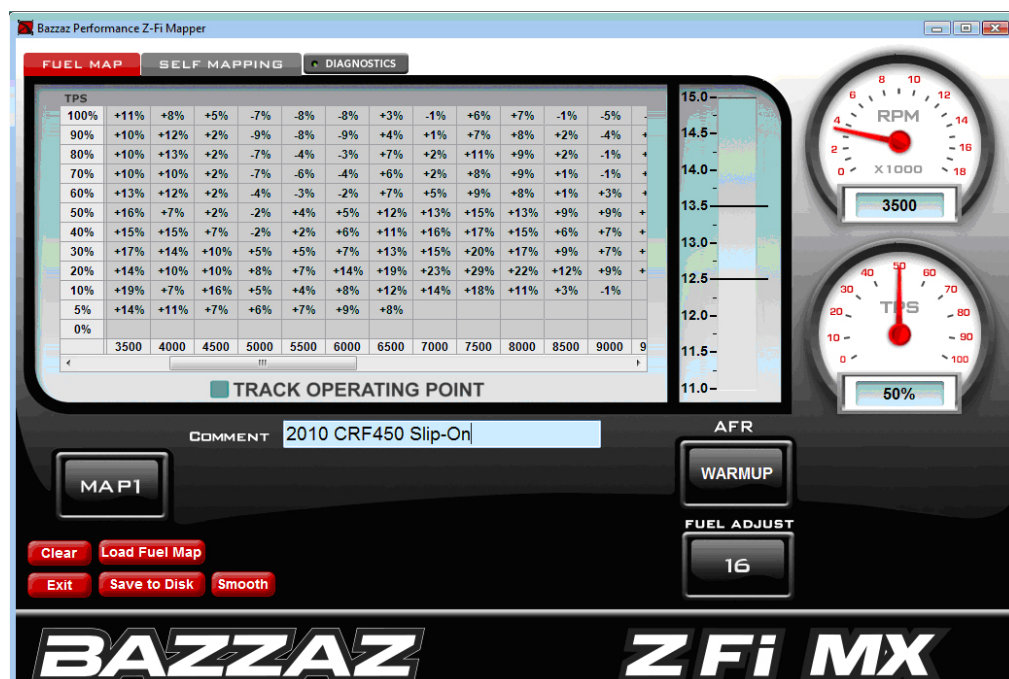
12>SOFTWARE



Download the latest software and instructions at bazzaz.net

Use software to:

- 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



13>NEXT LEVEL

MAP SELECT SWITCH

Purchased separately.

79.95

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



ZAFM SELF MAPPER

Purchased separately.

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

O2 sensor mounts into exhaust and control box easily plugs in to any Bazzaz Z-Fi product.

299.95

NOTES



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

F2070