

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

CAN-AM MAVERICK | 2013 F1230 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 public lands.

GETTING HELP



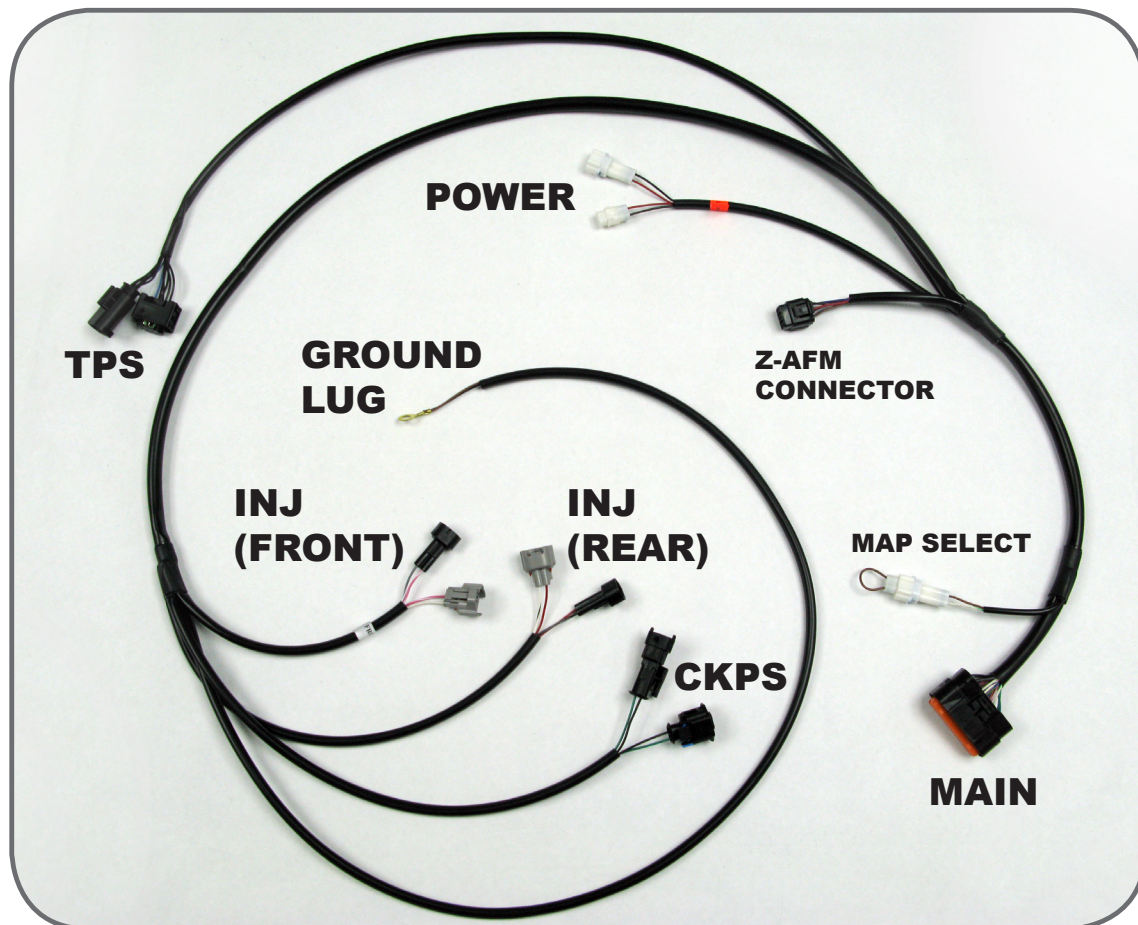
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

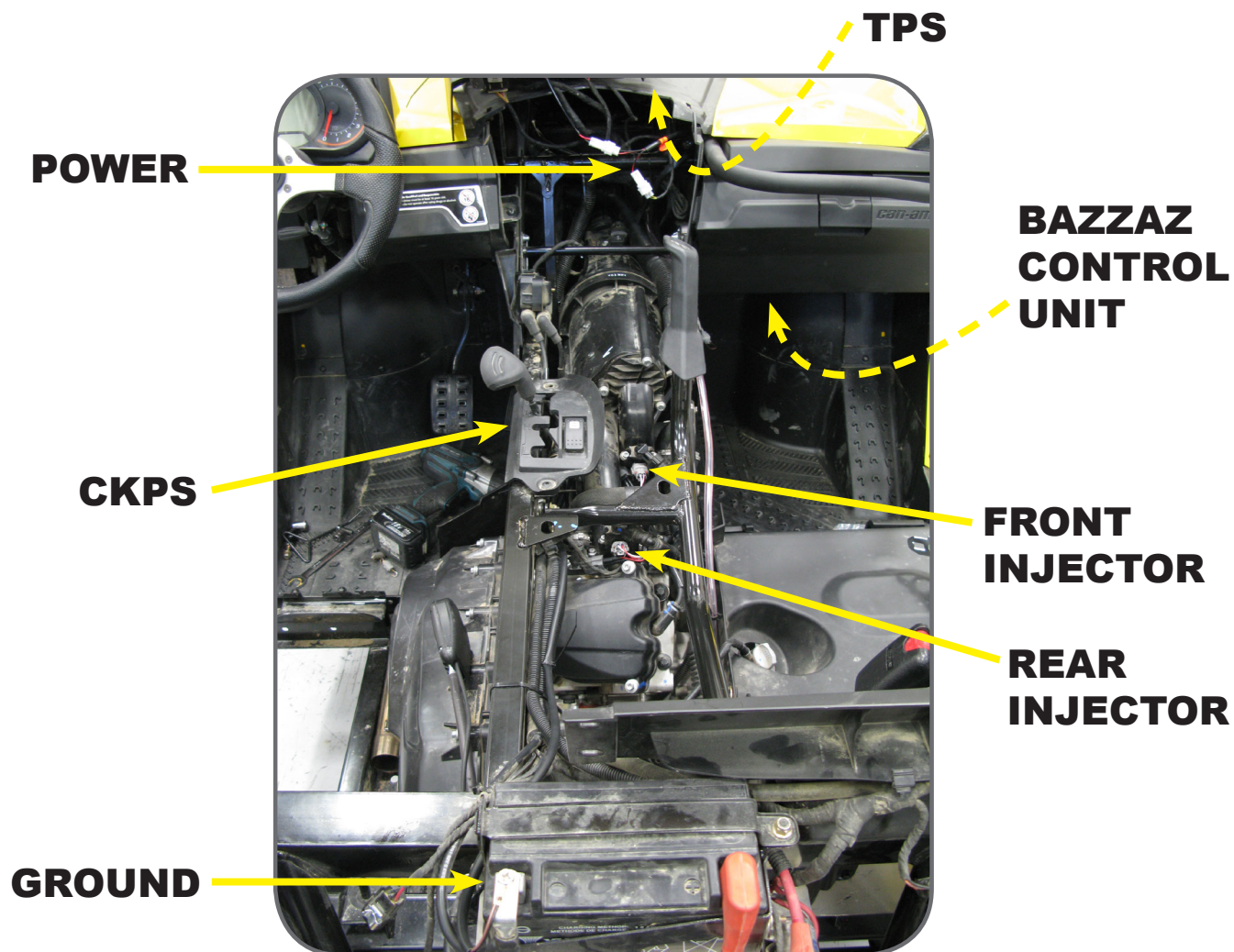
INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. USB cable
4. Mounting bracket
5. Zip ties
6. Velcro

FUEL HARNESS



2>IDENTIFY (CONT.)

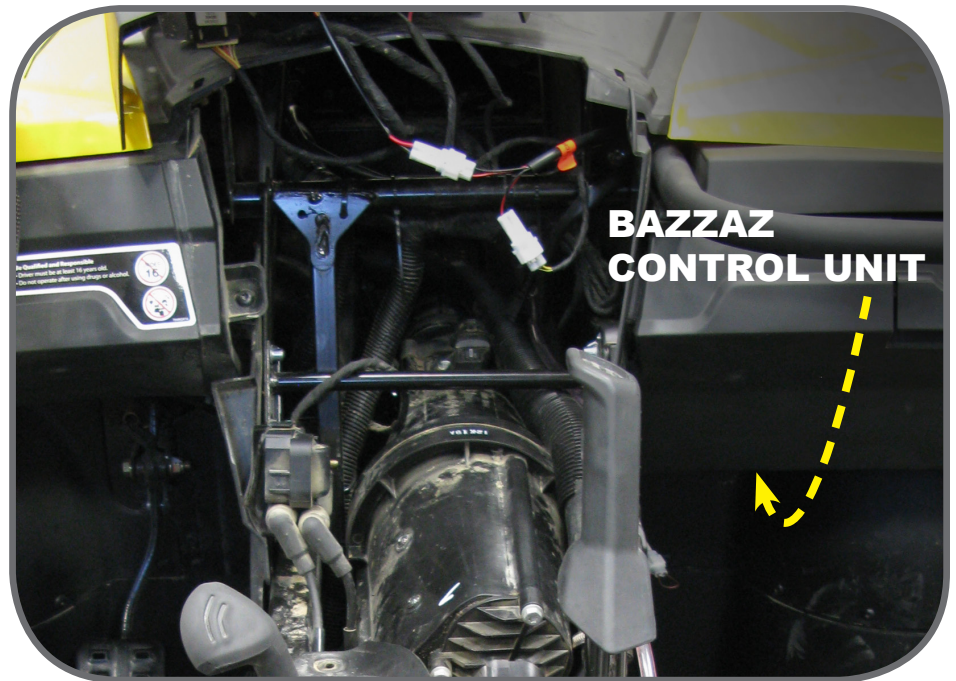
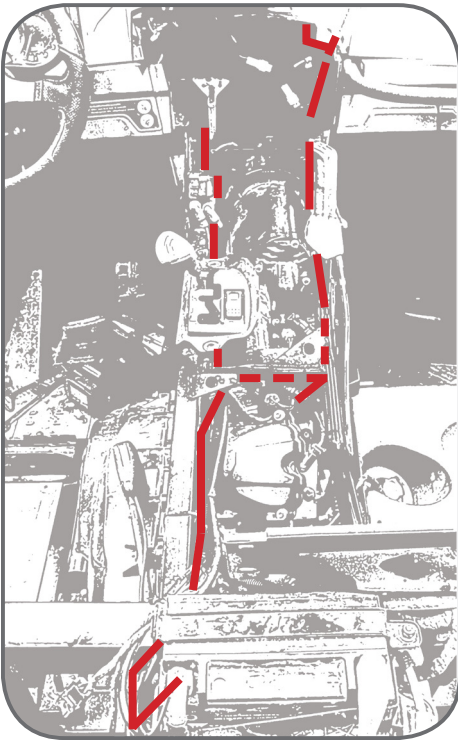


3>REMOVE

1. Plastic panels between the rider and passenger seat (to access the engine).
2. Key switch panel.

4>ROUTE / SECURE

1. Route the Bazzaz harness between the black plastic panel and the frame rail on the right side. Then run harness behind the key switch panel to hang below the passenger glove box (this is where you will mount the supplied mounting bracket).
2. Install the mounting bracket and secure the Bazzaz control unit to the bracket.



5>CONNECT

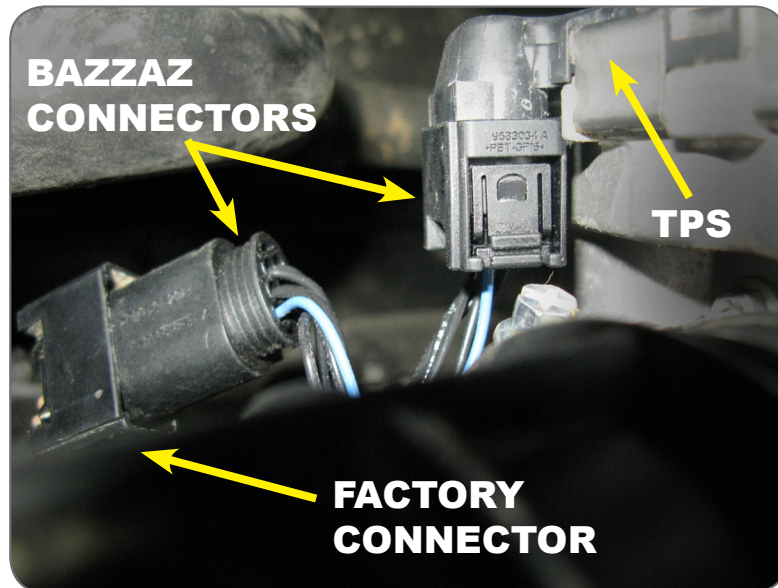
5.1

1. Connect the main connector of the Bazzaz fuel harness to the control unit.

5>CONNECT (CONT.)

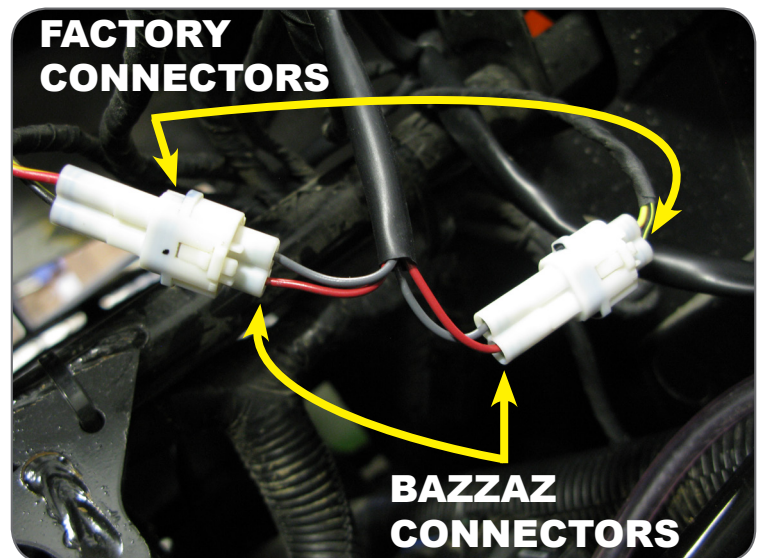
5.2

1. Locate the factory black throttle position sensor (TPS) connector, which can be found on the right side of the air duct (towards the front of the vehicle and behind the factory key switch panel).
2. Disconnect the factory TPS connector from the sensor.
3. Connect the Bazzaz TPS connectors in-line with the factory connector and sensor.



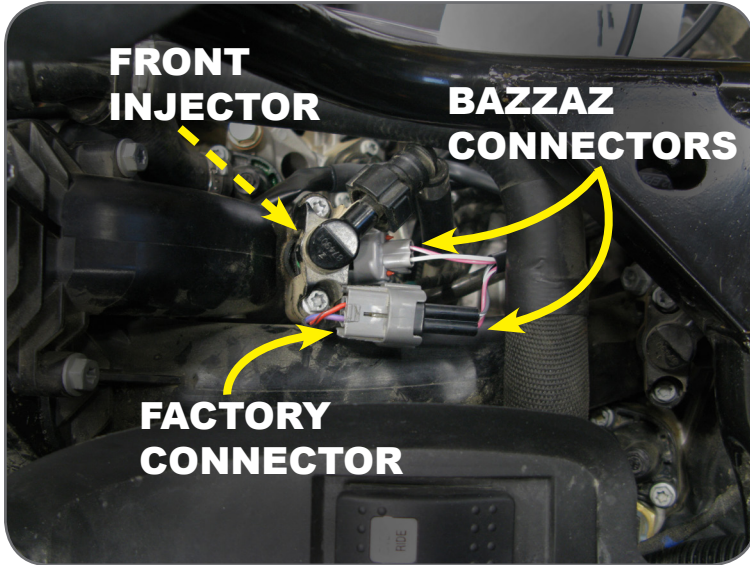
5.3

1. Locate the factory two-pin white key switch connector.
2. Disconnect the key switch connectors.
3. Connect the Bazzaz switched power connectors in-line with the factory key switch connectors.



5>CONNECT (CONT.)

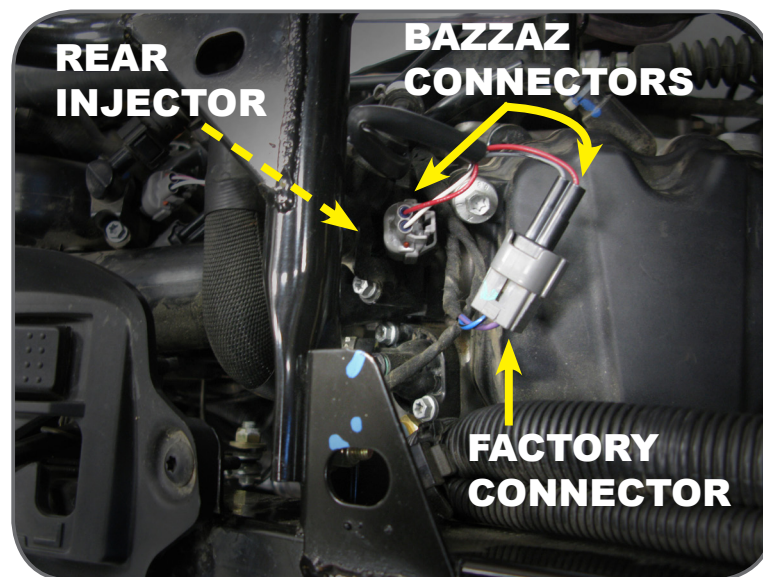
5.4



1. Route the Bazzaz fuel harness towards the engine, along the right side of the vehicle.
2. Locate the front injector.
3. Disconnect the factory injector connector from the front injector.
4. Connect the Bazzaz front injector connectors in-line, between the factory connector and injector.

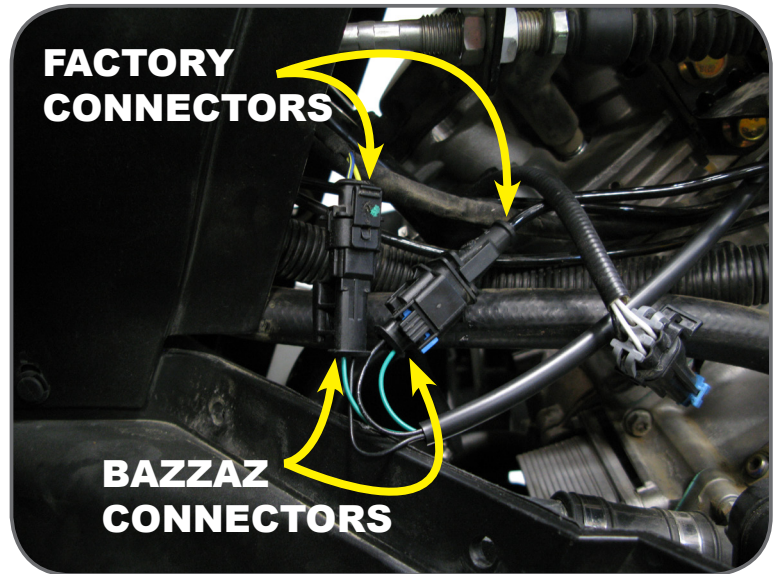
5.5

1. Locate the rear injector.
2. Disconnect the factory injector connector from the rear injector.
3. Connect the Bazzaz rear injector connectors in-line, between the factory connector and injector.



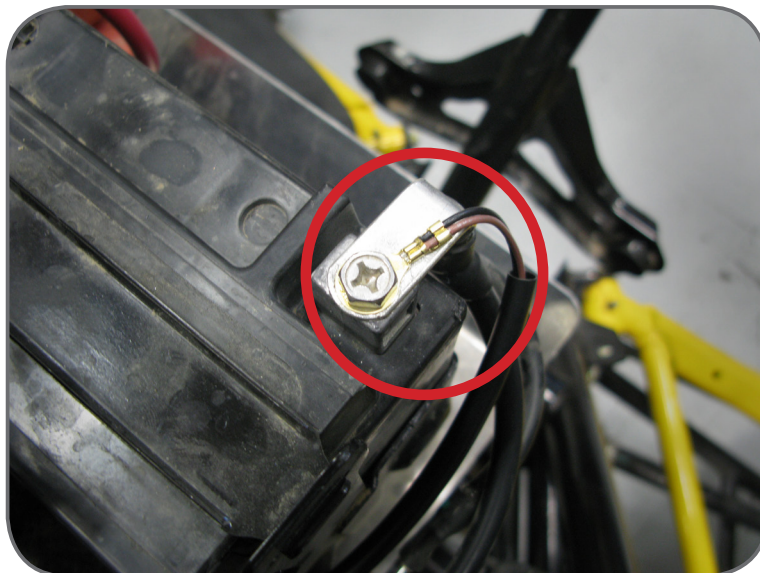
5>CONNECT (CONT.)

- 5.6**
1. Locate the factory two-pin black Crank Position Sensor (CKPS) connectors which can be found on the left side of the engine, near the front cylinder.
 2. Route the Bazzaz CKPS lead between the cylinders and towards the front cylinder.
 3. Disconnect the factory CKPS connectors.
 4. Connect the Bazzaz CKPS connectors in-line with the factory connectors.



6>GROUND

1. Route the Bazzaz ground lug between the two cylinders, towards the back of the vehicle, on the left side of the vehicle.
2. Install the Bazzaz ground lug on the factory negative battery terminal.



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. You can switch from map 1 to map 2 by unplugging the map select jumper on the Bazzaz fuel harness. Map 1 will be pre-programmed; depending on your model, there may be a pre-programmed map in the map 2 slot. If map 2 is blank, stock ECU settings are used. Make sure that the jumper is left plugged in or unplugged, depending on which map you choose.
5. Start the vehicle and begin to check that the following inputs read correctly on the fuel map page.
 - 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.

Also 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



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).

11>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

F1230