

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

KTM 250SX-F 2013 F534 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



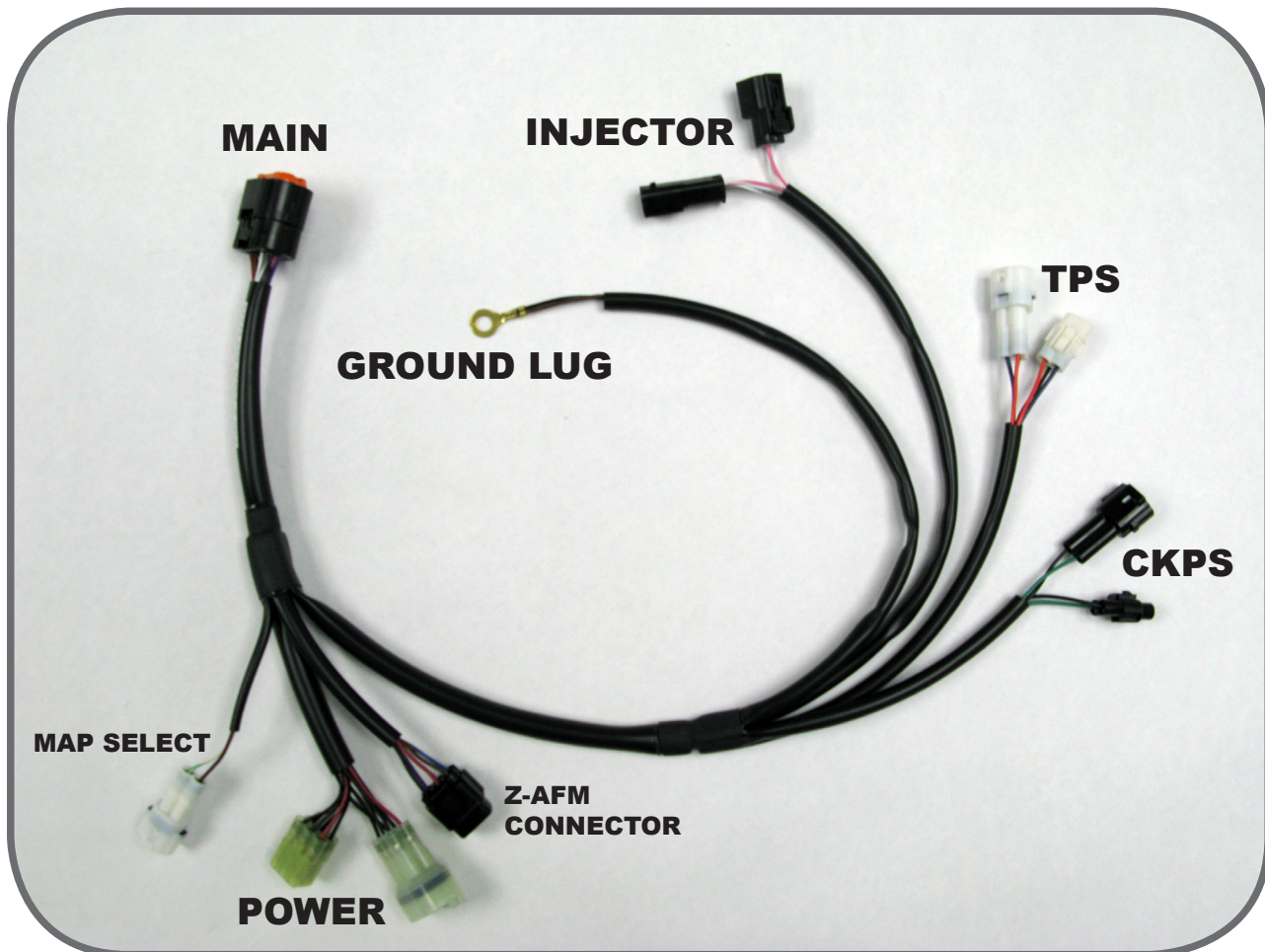
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

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

FUEL HARNESS

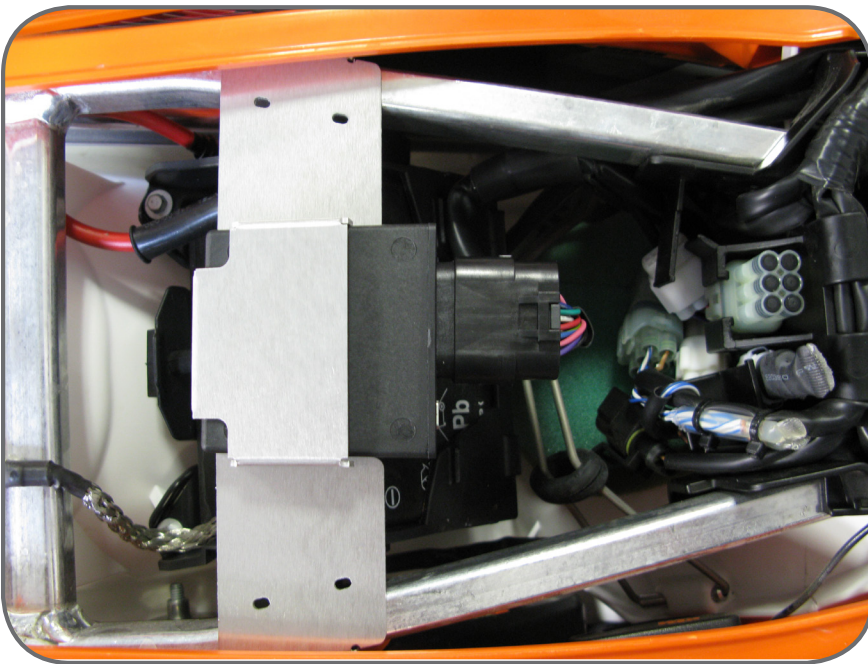


3>REMOVE

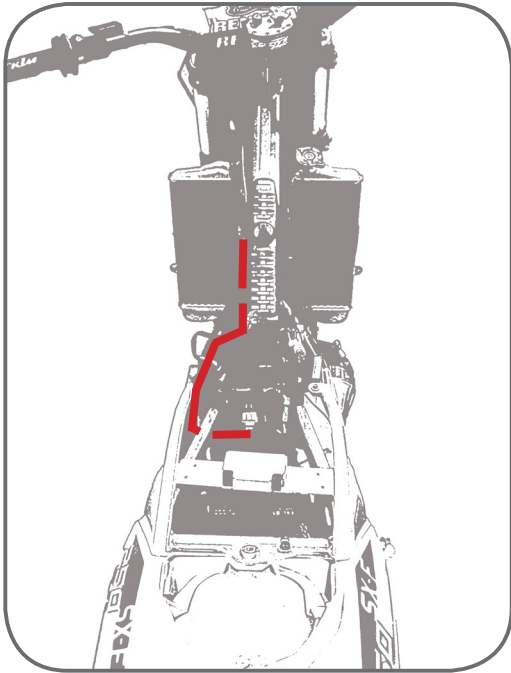
1. Seat
2. Fuel tank

4>SECURE

1. Mount the control unit in the airbox and on top of the battery, using the supplied Velcro patch and bracket.



5>CONNECT



5.1

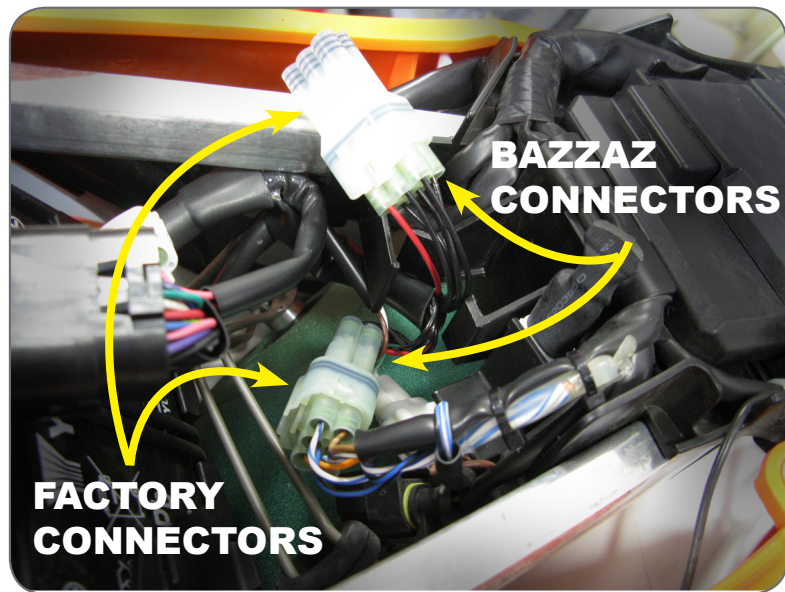
1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the harness forward, towards the engine, on the left side of the bike between the subframe and airbox cover.



5>CONNECT (CONT.)

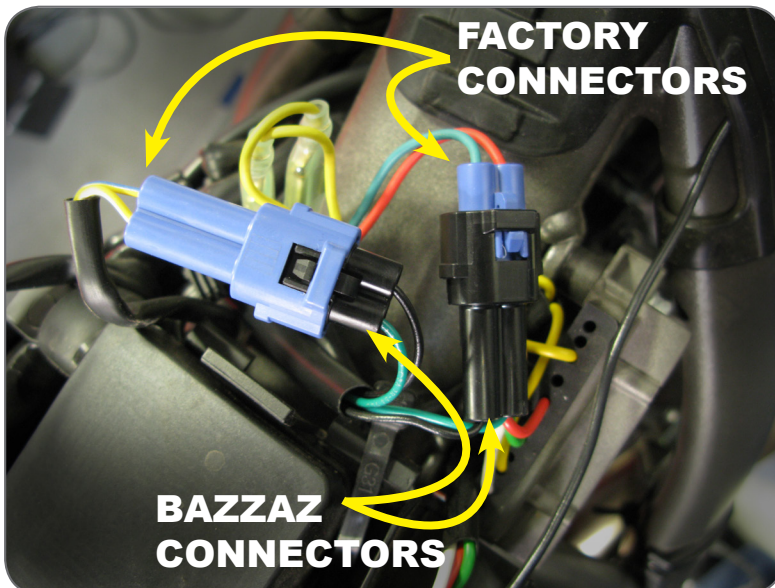
5.2

1. Locate the factory six-pin diagnostic connectors which can be found attached to the front of the airbox.
2. Free the factory diagnostic connectors from the plastic tabs securing them in place.
3. Disconnect the factory diagnostic connectors.
4. Connect the Bazzaz +12V switched power connectors in-line with the factory connectors.

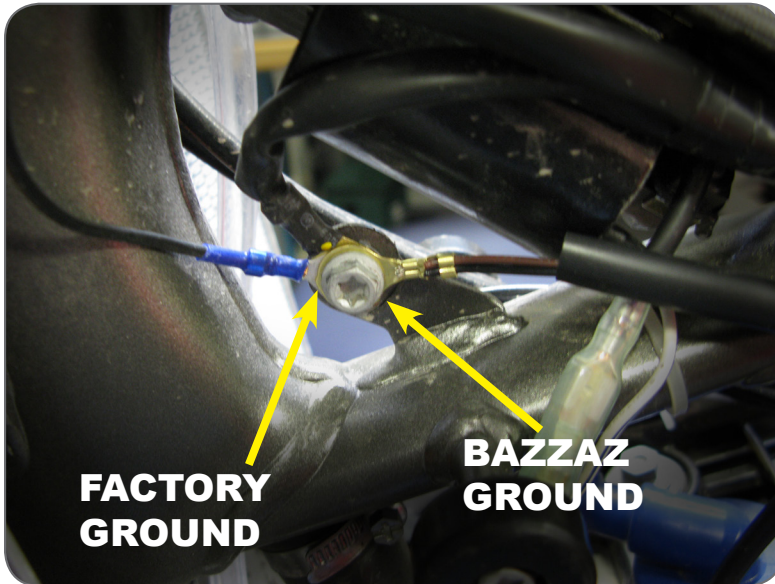


5.3

1. Locate the factory blue Crank Position Sensor (CKPS) connectors found near the regulator / rectifier on top of the frame.
2. Disconnect the factory CKPS connectors.
3. Connect the Bazzaz CKPS connectors in-line with the factory connectors.



6>GROUND

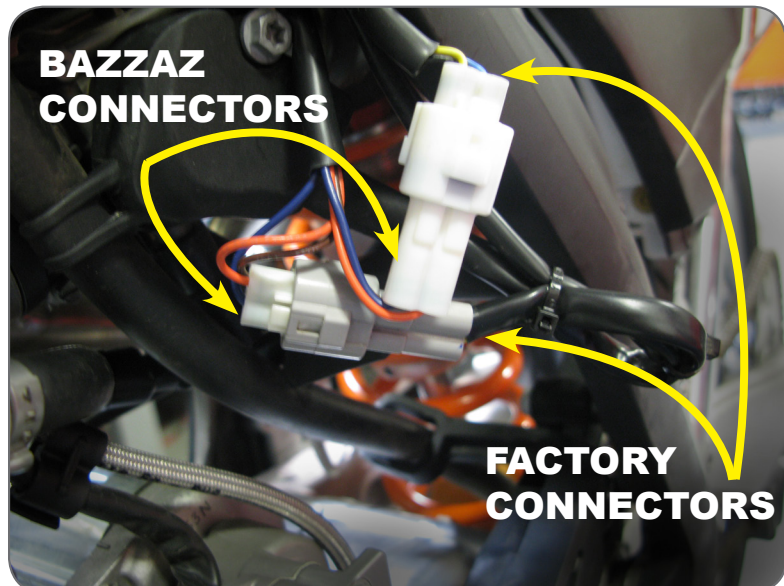


1. Locate the factory ground position found on the left side of the bike, near the ignition coil.
2. Remove the factory 8mm bolt and ground lug.
3. Install the Bazzaz ground lug.
4. Reinstall the factory 8mm bolt and ground lug.

7>CONNECT

7.1

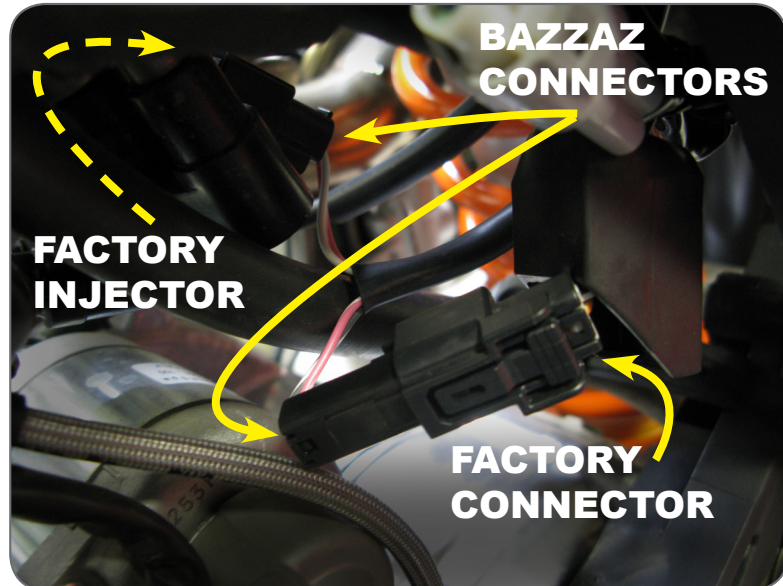
1. Locate the factory three-pin Throttle Position Sensor (TPS) connectors found on the left side of the bike, directly behind the frame rail.
2. Disconnect the factory TPS connectors.
3. Connect the Bazzaz TPS connectors in-line with the factory connectors.



7>CONNECT (CONT.)

7.2

1. Locate the factory injector and injector connector found at the bottom of the throttle body (a black rubber boot is covering the connector).
2. Pull back the black rubber boot.
3. Disconnect the injector connector from the injector.
4. Connect the Bazzaz injector connectors in-line between the factory connector and injector.



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.



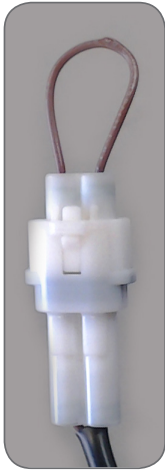
If problem still persists, please contact Bazzaz tech support

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

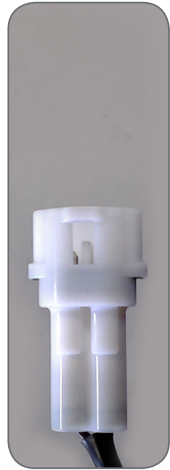
10>REINSTALL

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.

Use software to:

- Bazzaz Performance Z-Fi Mapper**

FUEL MAP SELF MAPPING DIAGNOSTICS

TPS	100%	+11%	+8%	+5%	-7%	-8%	-8%	+3%	-1%	+6%	+7%	-1%	-5%
90%	+10%	+12%	+2%	-9%	-8%	-9%	+4%	+1%	+7%	+8%	+2%	-4%	+
80%	+10%	+13%	+2%	-7%	-4%	-3%	+7%	+2%	+11%	+9%	+2%	-1%	+
70%	+10%	+10%	+2%	-7%	-6%	-4%	+6%	+2%	+8%	+9%	+1%	-1%	+
60%	+13%	+12%	+2%	-4%	-3%	-2%	+7%	+5%	+9%	+8%	+1%	+3%	+
50%	+16%	+7%	+2%	-2%	+4%	+5%	+12%	+13%	+15%	+13%	+9%	+9%	+
40%	+15%	+15%	+7%	-2%	+2%	+6%	+11%	+16%	+17%	+15%	+6%	+7%	+
30%	+17%	+14%	+10%	+5%	+5%	+7%	+13%	+15%	+20%	+17%	+9%	+7%	+
20%	+14%	+10%	+10%	+8%	+7%	+14%	+19%	+23%	+29%	+22%	+12%	+9%	+
10%	+19%	+7%	+16%	+5%	+4%	+8%	+12%	+14%	+18%	+11%	+3%	-1%	+
5%	+14%	+11%	+7%	+6%	+7%	+9%	+8%						
0%													
	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9

TRACK OPERATING POINT

COMMENT 2010 CRF450 Slip-On

MAP1

WARMUP

FUEL ADJUST 16

Bazzaz Z-Fi MX

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



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

F534