

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

SHERCO SE300 2012 - 2013
F2031 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



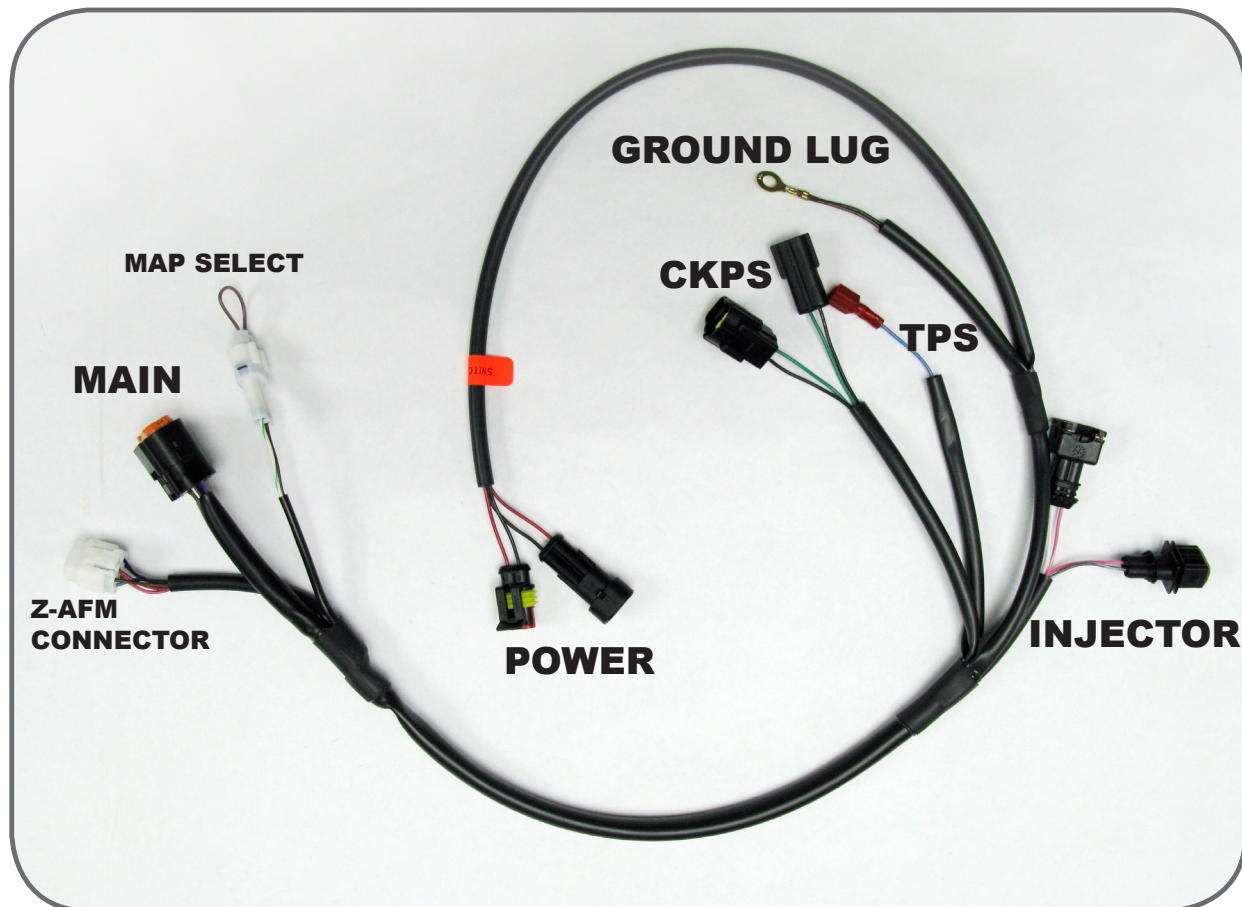
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

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

FUEL HARNESS

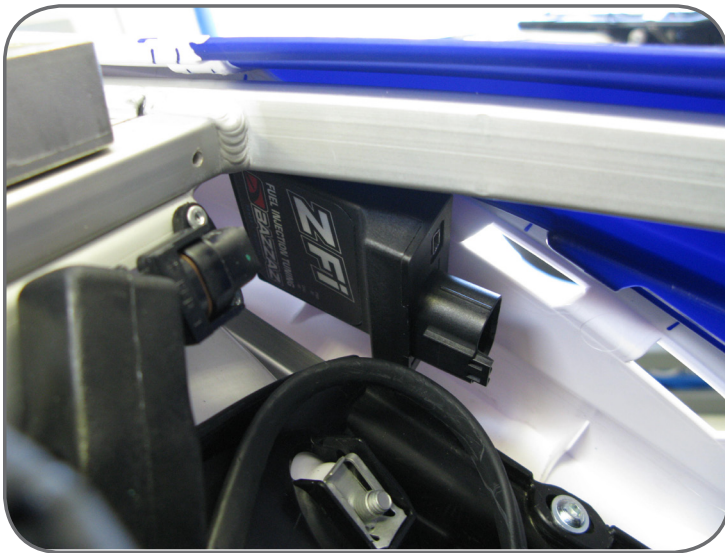


3> REMOVE

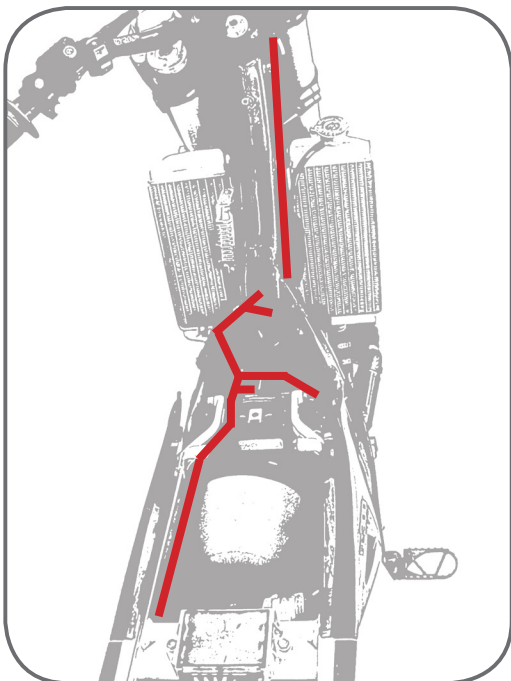
1. Rider seat
2. Fuel tank

4> SECURE

1. Using the supplied Velcro, secure the control unit to the inside of the left number plate, in the air box.



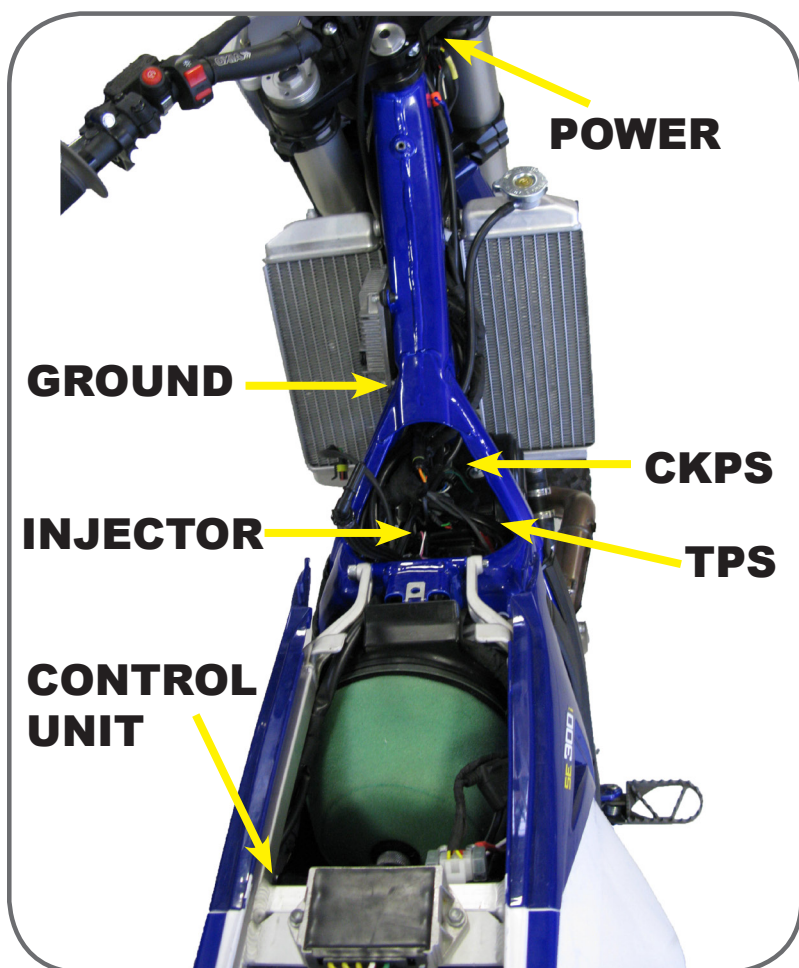
5> CONNECT



5.1

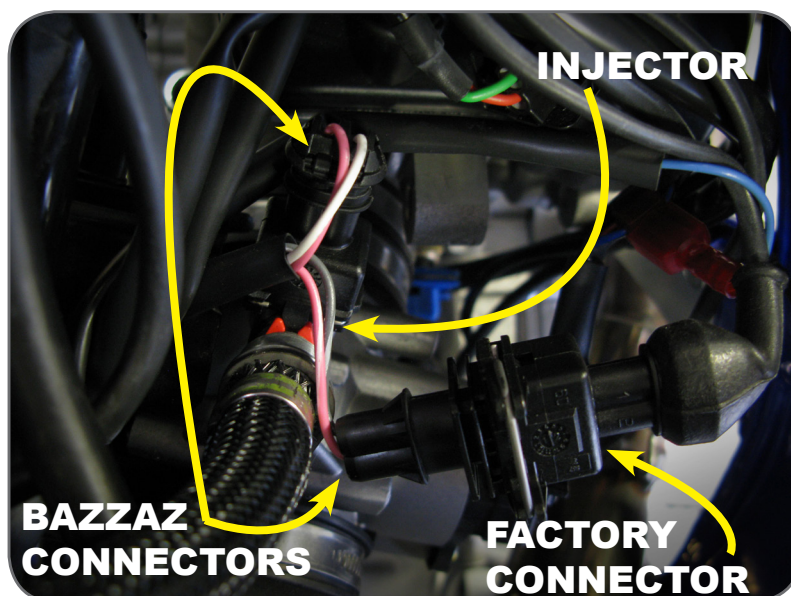
1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the Bazzaz harness along the left side of the bike, towards the engine compartment.

5>CONNECT (CONT.)



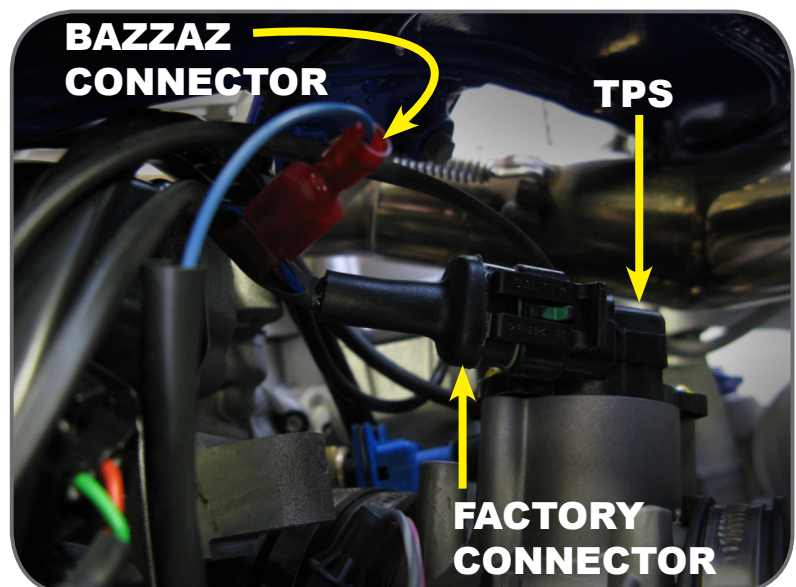
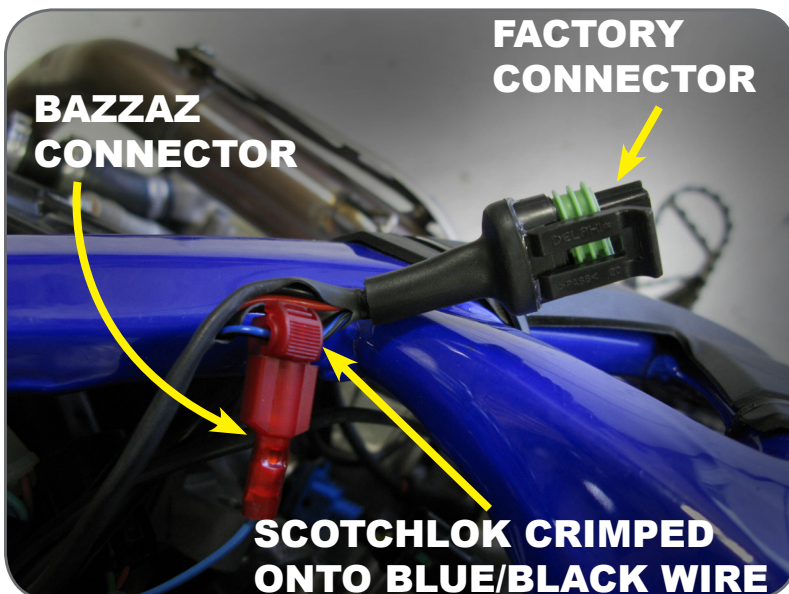
5.2

1. Continue routing the Bazzaz harness along the same path as the factory harness.
2. Locate the factory injector which is located on top of the factory throttle body, at the base of the fuel line.
3. Disconnect the injector connector from the injector.
4. Connect the Bazzaz injector connectors in-line between the factory injector connector and injector.



5>CONNECT (CONT.)

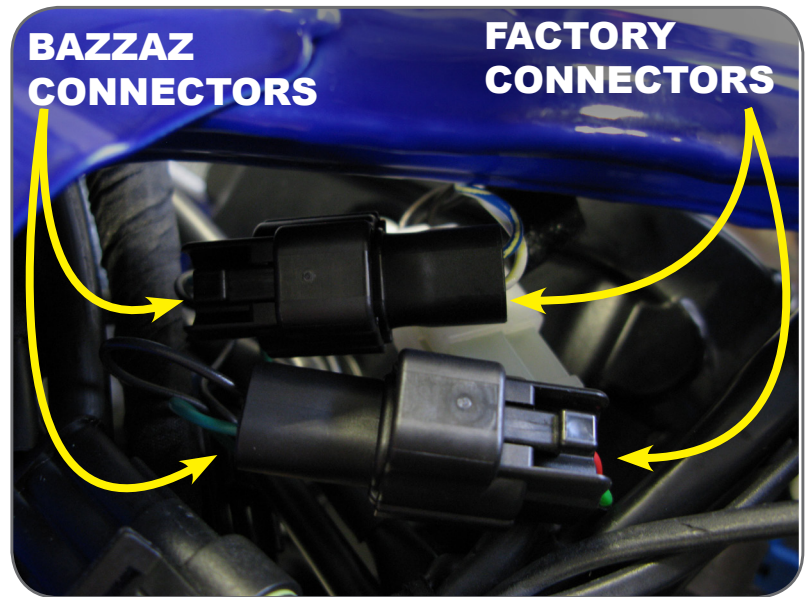
- 5.3**
1. Locate the factory Throttle Position Sensor (TPS) and connector which can be found on the right side of the throttle body.
 2. Disconnect the TPS connector from the sensor.
 3. Carefully make a small split in the sheathing of the factory TPS connector to expose the wiring.
 4. Separate the exposed blue/black wire from the other two wires.
 5. Crimp a supplied Scotchlok onto the **blue/black** wire of the factory TPS connector.
 6. Connect the Bazzaz TPS connector into the Scotchlok.
 7. Reconnect the factory TPS connector with the sensor.



5>CONNECT (CONT.)

5.4

1. Locate the factory Crank Position Sensor (CKPS), which can be found on top of the valve cover and near the ignition coil.
2. Disconnect the factory CKPS connectors.
3. Connect the Bazzaz CKPS connectors in-line with the factory connectors.



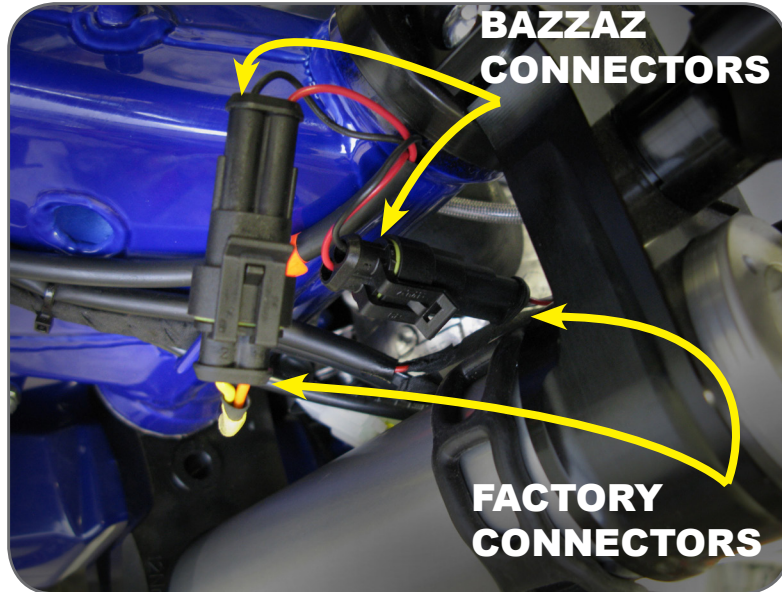
5.5

1. Continue routing the harness to the front of the motorcycle, now along the right side of the bike.
2. Locate the factory ground location which can be found on the bottom right side of the factory ECU.
3. Disconnect both the factory 8mm bolt and ground.
4. Install the Bazzaz ground.
5. Reinstall both the factory ground and 8mm bolt.

5>CONNECT (CONT.)

5.6

1. Locate the motorcycle's ON/OFF switch connectors, which will have a yellow label on the factory harness.
2. Disconnect the factory connectors.
3. Connect the Bazzaz +12V switched power connectors in-line with the factory connectors.



6>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).

7>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.



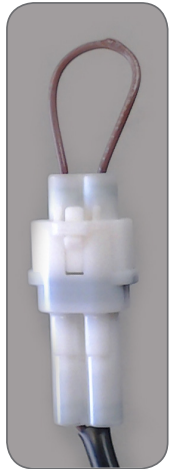
If problem still persists, please contact Bazzaz tech support

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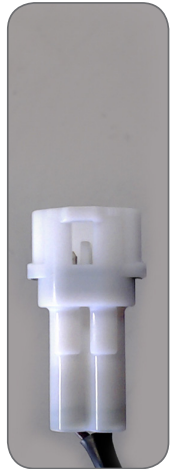
8>REINSTALL

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

9>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).

10>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

F2031