2007-2009 Aprilia Tuono Z-Fi Installation Instructions
2006-2010 Aprilia RSV1000R Z-Fi Installation Instructions

P/N F990

WARNING!

USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS

Z-Fi products do not meet California CARB highway requirements

Parts List:

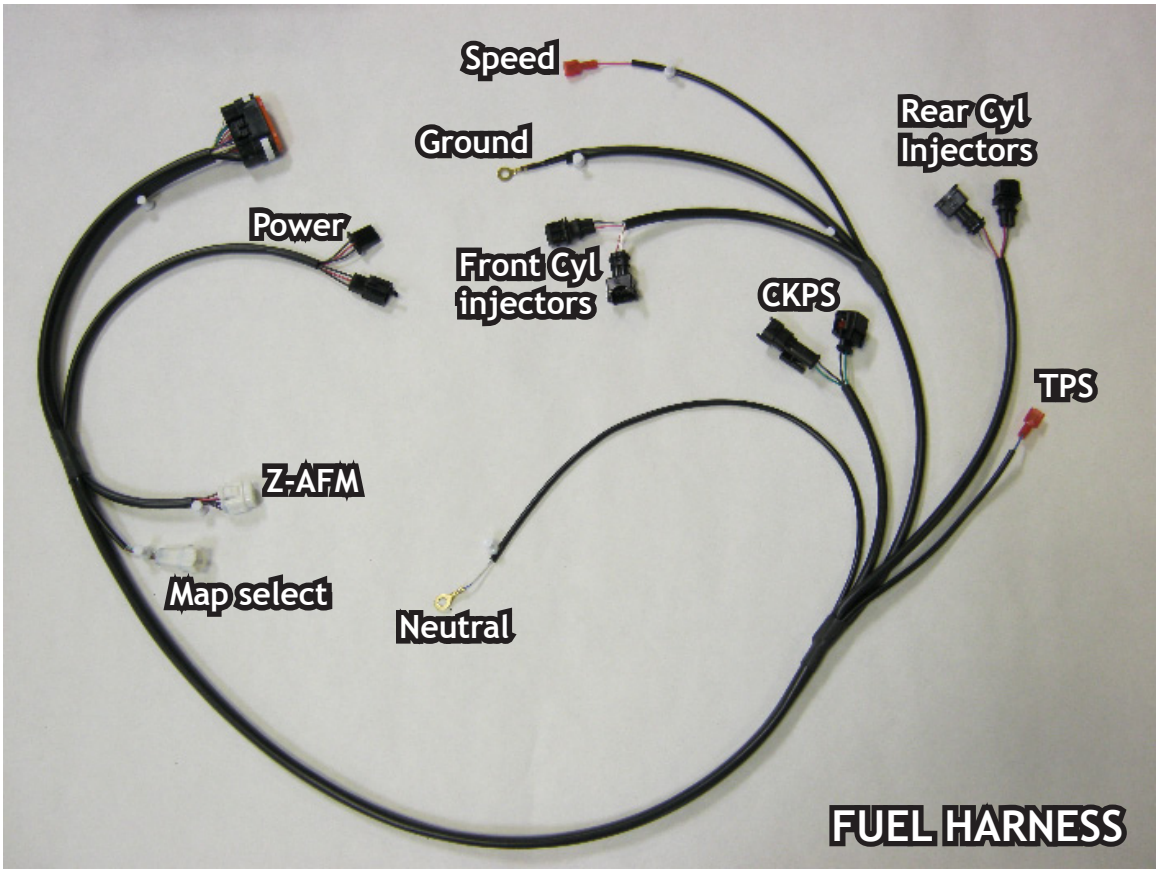
Z-Fi Control Unit
Fuel Harness
Download Z-Fi Mapper Software and Its Instructions from website
USB Cable
O2 Eliminator
Scotchlok (2)
Swingarm Stickers

Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific stock component identifition and location information refer to a factory service manual.

To create the ideal map(s) we recommend using the optimal Z-AFM self-tuning module

15330 Fairfield Ranch Rd., Unit E, Chino Hills, CA 91709 Phone (909) 597-8300 Fax (909)597-5580
www.Bazzaz.net

BAZZAZ HARNESS CONNECTOR IDENTIFICATION



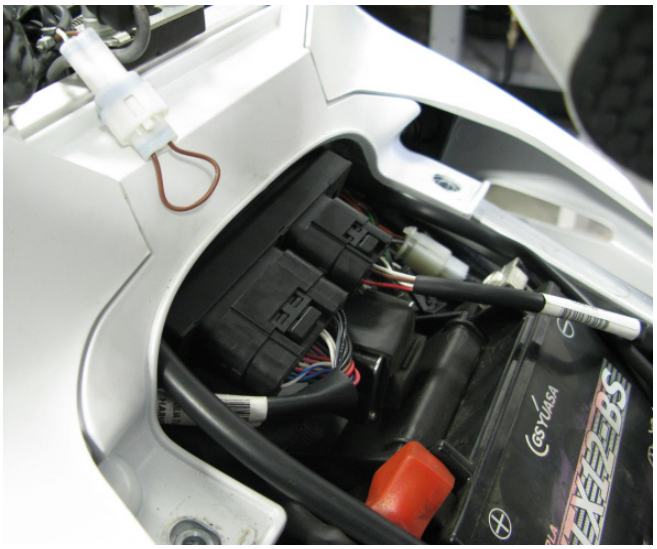
1. Prior to installing the Bazzaz kit remove seats, fuel tank side panels also pull up & prop the fuel tank to gain access to all components. Note: While it is not necessary to remove the fuel tank completely to install the Bazzaz harness if you do not have a secure method of propping the fuel tank up then it is recommended to remove the fuel tank completely.

2. Place the Bazzaz control module in tail section of the bike. Then take the lead of the Bazzaz fuel harness containing the main connector and route it on the left side of the bike from the rider seat area under the middle section of the tail into the area under the passenger seat and connect it to the control module. Continue to route the remainder of the fuel harness on the left side of the bike under the fuel tank to the engine where other harness connections will be made (photo 1).

Tuono

Photo 1

RSV1000R



When installing on a RSV1000R the control unit mounts under fairing in between seats because of the location of the charcoal canister.

3. In the tail section of the bike near the control module, identify the factory harness tail light connectors. Disconnect the factory harness connectors and install the mating Bazzaz harness power connectors inline (photo 2).

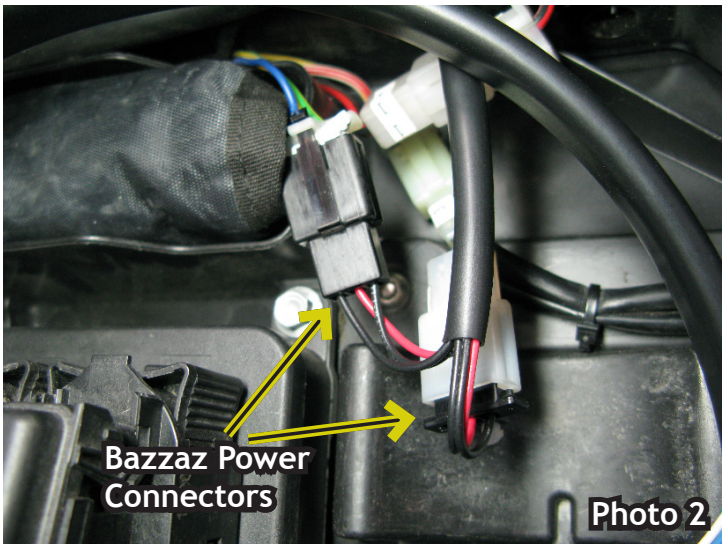
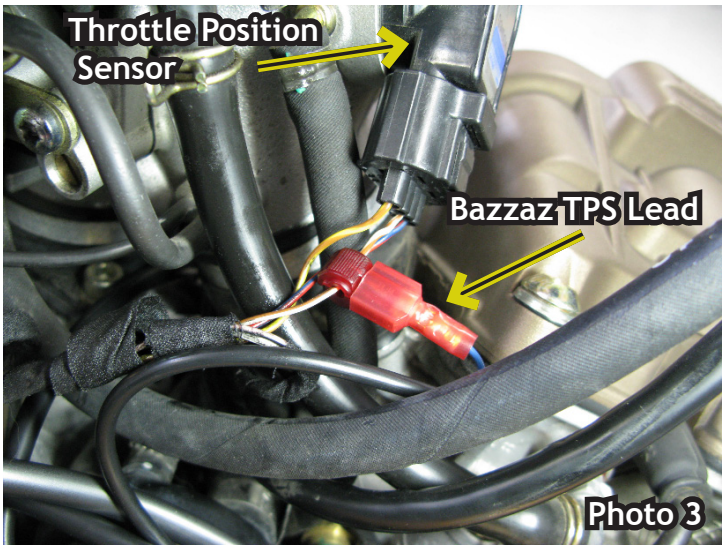
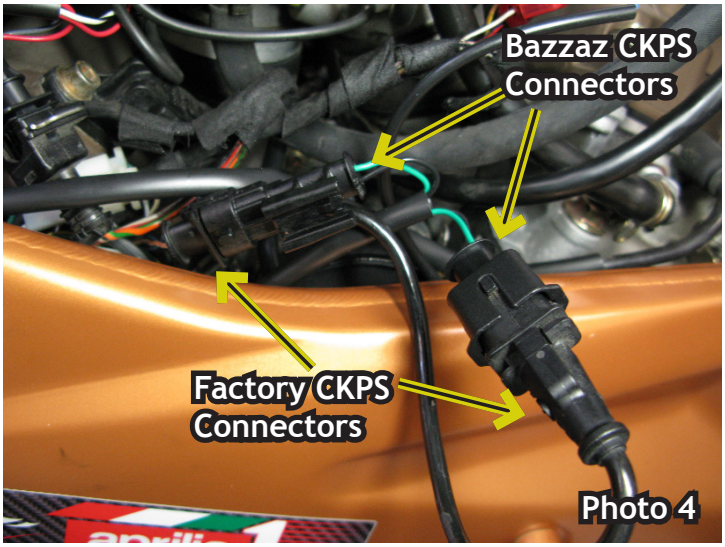


Photo 2

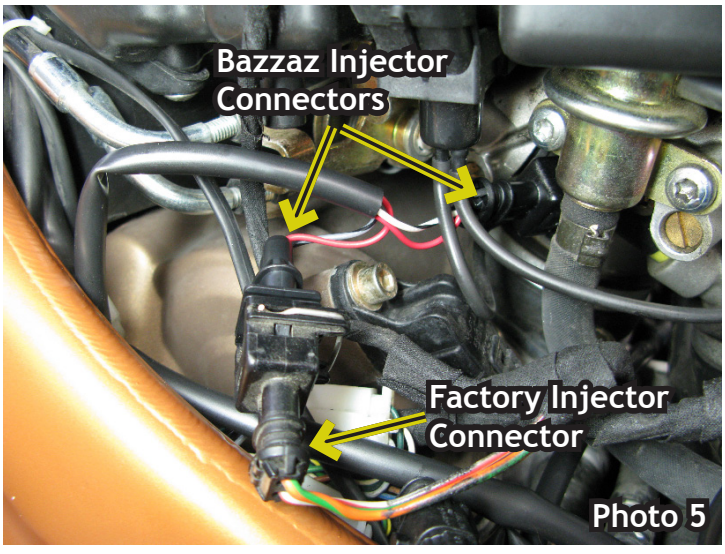
4. Locate the throttle position sensor found at the rear of the throttle body assembly. Disconnect the factory harness connector and identify the white/brown wire. Crimp one of the scotch lok connectors supplied with the Bazzaz kit onto this wire. Insert the T-Tap connector attached TPS lead of the Bazzaz harness (blue wire) (photo 3).



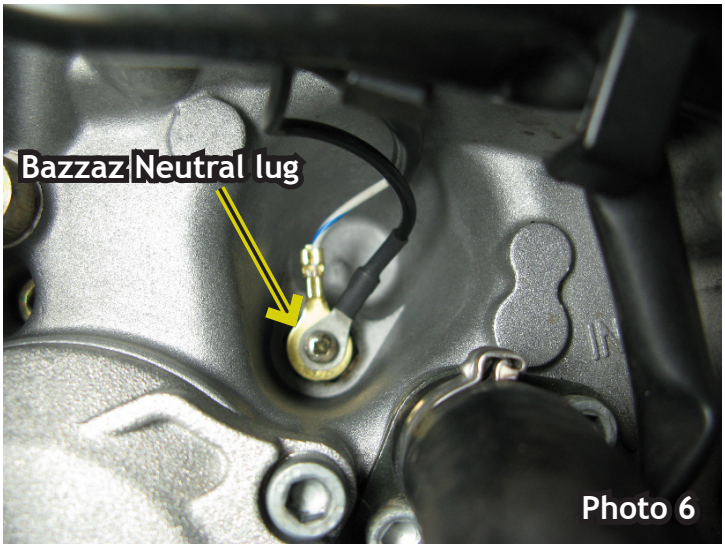
5. Identify the factory harness crank position sensor connectors found along the left side frame rail. Disconnect the factory harness connectors and install the mating Bazzaz harness power connectors inline (photo 4).



6. Disconnect the factory harness connector from the rear cylinder injector and connect the mating Bazzaz harness connectors inline (photo 5).

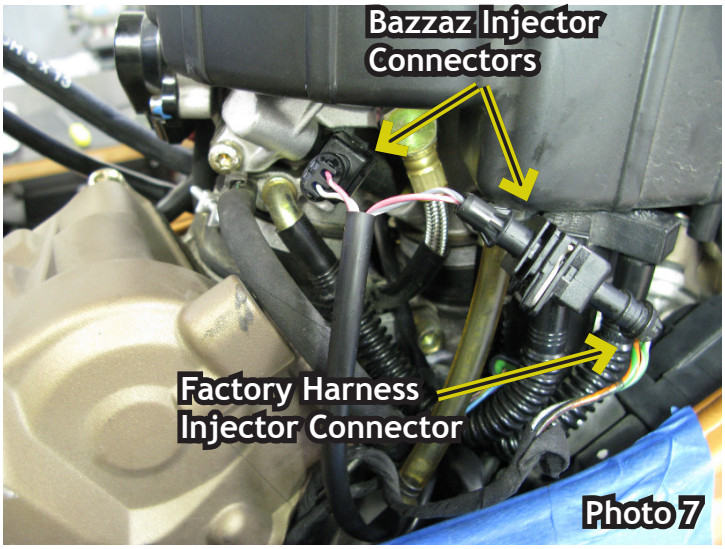


7. Locate the neutral sensor output on the engine found just under the clutch master cylinder. Remove the bolt securing the factory harness lead and install the Bazzaz neutral lead in addition to the factory lead and reinstall the bolt securing both leads (photo 6).

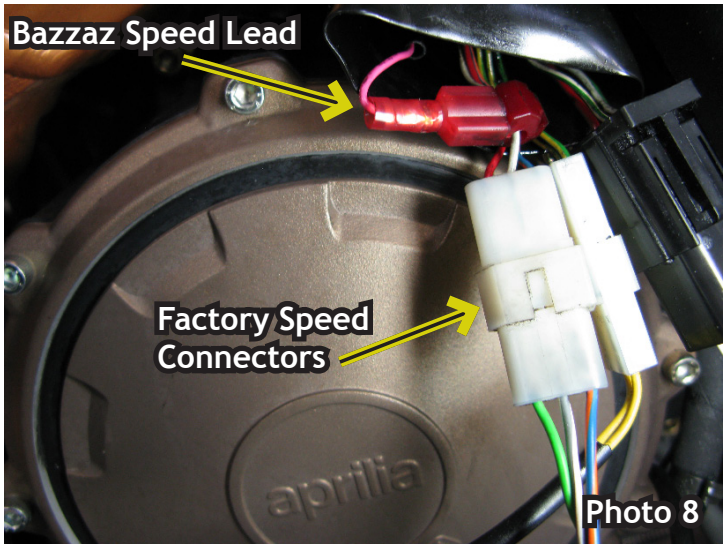


8. Route the portion of the Bazzaz fuel harness containing the front injector, speed and ground connection point between the front and rear cylinders onto the right side of the bike.

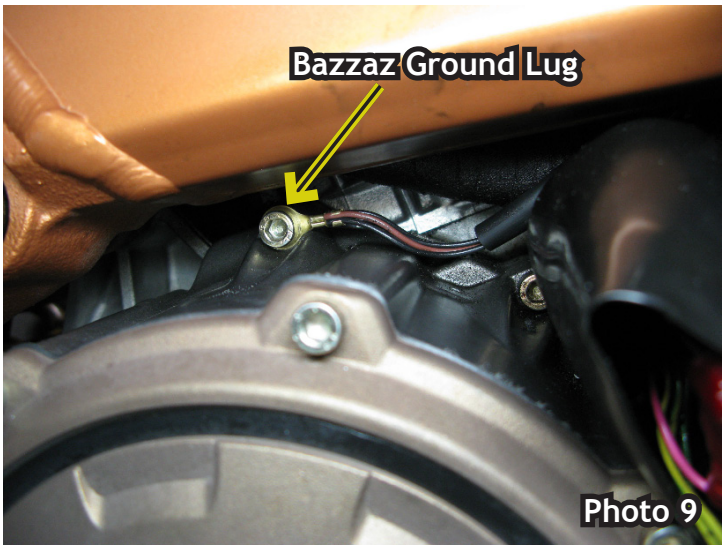
9. Disconnect the factory harness connector from the front cylinder injector and connect the mating Bazzaz harness connectors inline (photo 7).



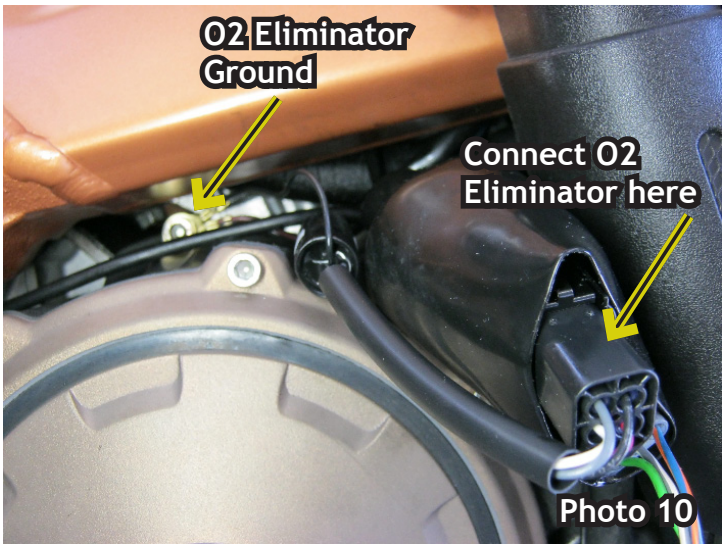
10. Locate the factory harness speed sensor connectors found above the clutch cover inside a protective black boot. Identify the white wire in center location of this connector. . Crimp one of the scotch lok connectors supplied with the Bazzaz kit onto this wire. Insert the T-Tap connector attached speed lead of the Bazzaz harness (pink wire) (photo 8).



11. Attach the Bazzaz harness ground lug to a solid chassis or engine ground (photo 9).



12. The Tuono 1000 is equipped with a lambda/O2 sensor. The sensor must be bi-passed through the use of an O2 eliminator supplied with the kit. The factory harness connectors are located in the same protective boot as the speed sensor connectors. Disconnect the factory harness form the sensor. Install the Bazzaz O2 eliminator in place of the factory sensor connector and attach the O2 eliminator ground lug to a chassis ground. Be sure to secure the eliminator and factory sensor lead away from any hot or moving components which could cause damage (photo 10).



13. Reinstall the components removed in step one of these instructions.

The Bazzaz controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased seperately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. When the map select jumper is connected the control unit is operating using Map 1.When the map select jumper is disconnected the control unit is operating using Map 2.

Note: *Upon installing the system verify you have selected the proper map to correspond with your model. The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on the Tuono and Map 2 for the RSV1000R.*