



Honda VFR800 2002-2010

Z-Fi Installation Instructions Part # F352



Parts List:

Z-Fi Control Unit

Fuel Harness

Scotchlok (3)

O2 Eliminator (2)

Cable Ties

Velcro

USB Cable

Swingarm Stickers

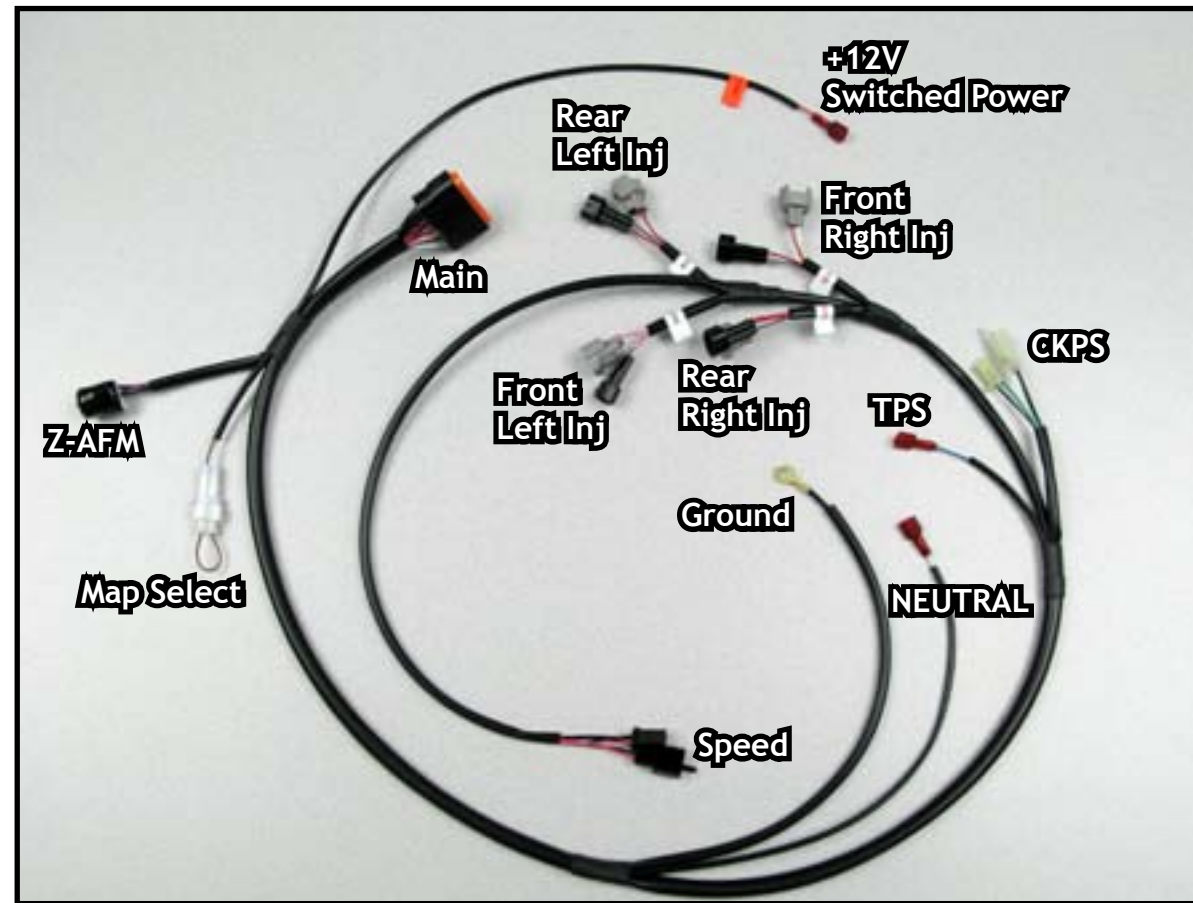
Download Z-Fi Mapper Software at bazzaz.net

Software instructions available at bazzaz.net

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

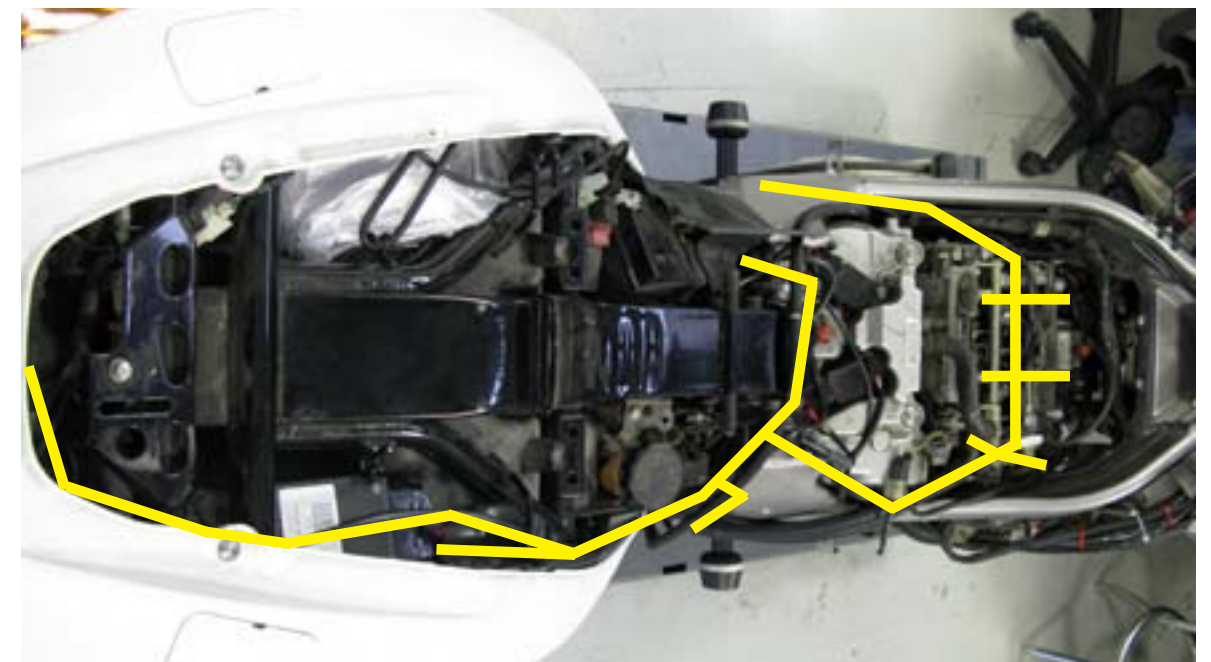
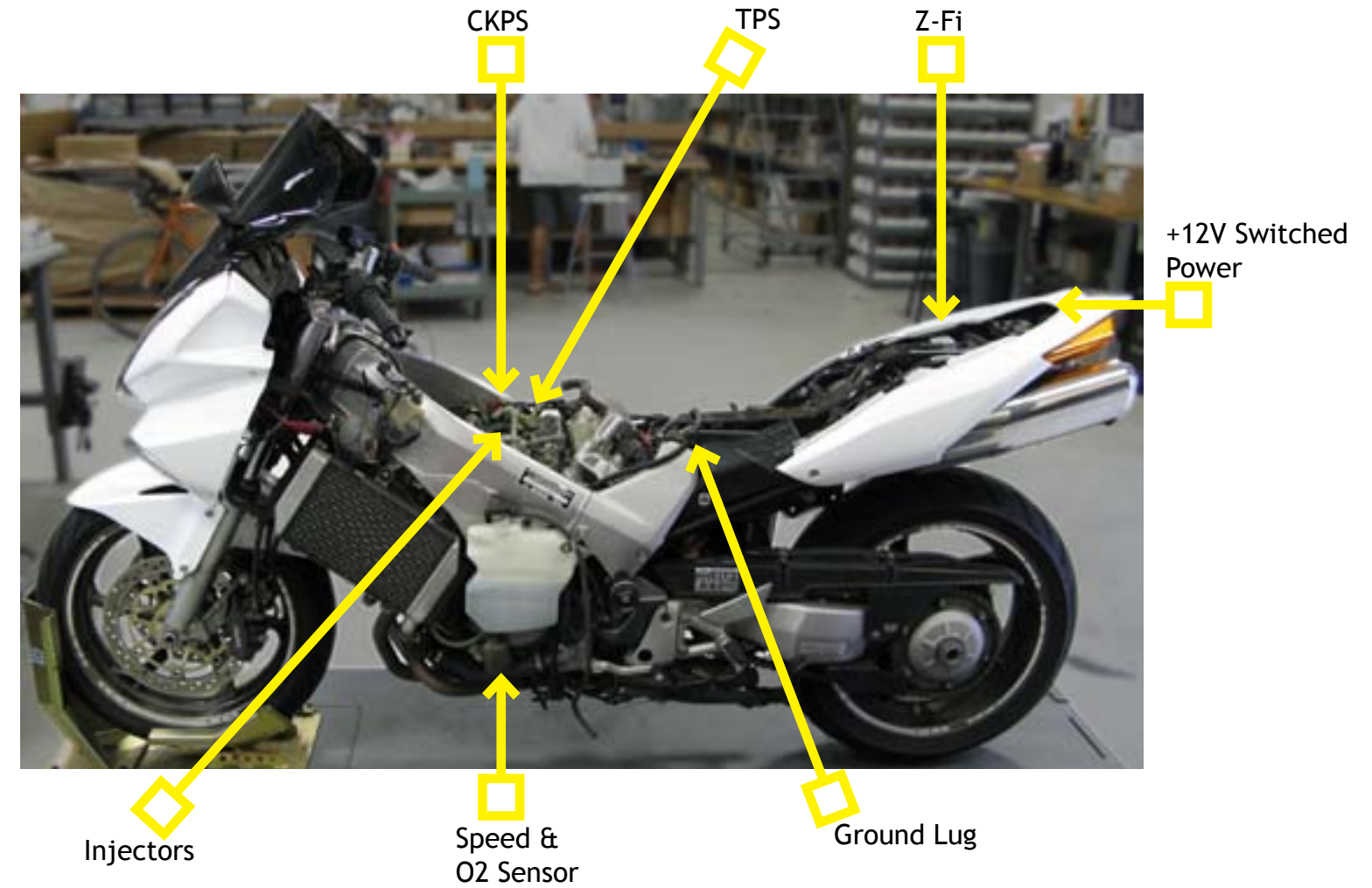
BAZZAZ HARNESS CONNECTOR IDENTIFICATION



FUEL HARNESS

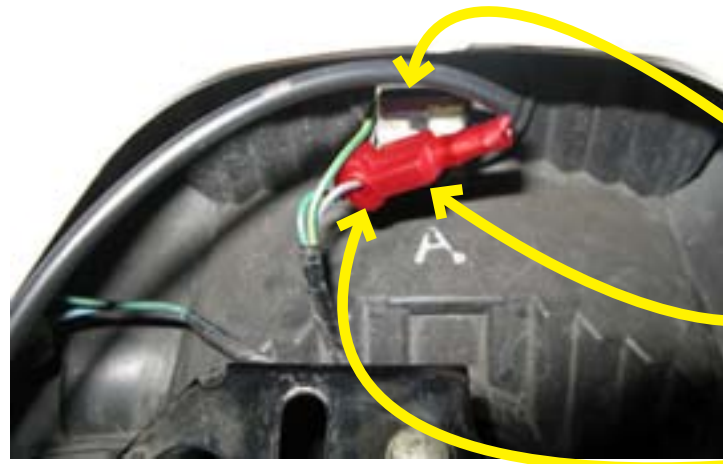
WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Begin the installation by removing the seat, fuel tank, airbox and left side panel.
2. Secure the **CONTROL UNIT** in the tail section of the bike, on the right side of the center subframe rail, using the Velcro provided. Plug the main connector of the Bazzaz **FUEL HARNESS** into the control unit and begin to route the fuel harness forward, along the subframe.



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

3. Next you will route the Bazzaz **POWER** lead back to the factory tail light connector. Crimp a supplied Scotchlok onto the **brown/blue** wire of the tail light connector and then insert the Bazzaz power connector into the Scotchlok.

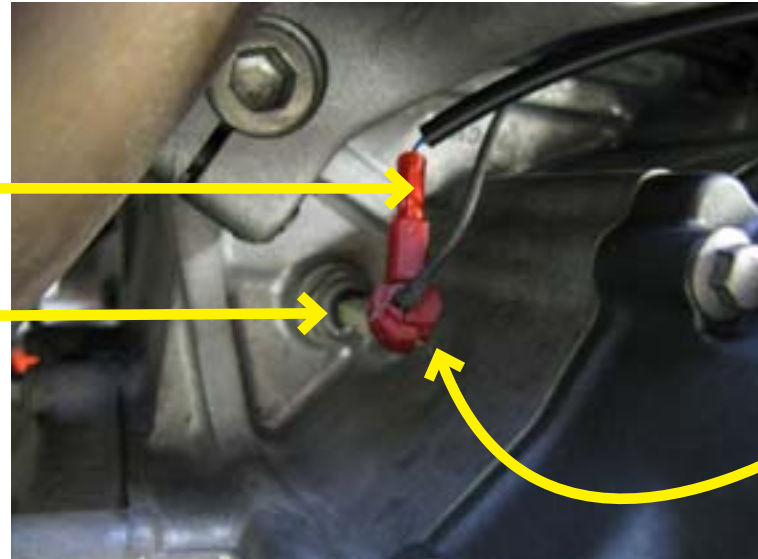


Factory tail light connector

Bazzaz power connector

scotchlok crimped onto brown/blue wire of factory tail light connector

4. Now route the Bazzaz **NEUTRAL** connector down to the neutral sensor, located below the right foot peg. Trim the sheathing back from the factory neutral sensor lead to expose the wiring. Crimp a supplied Scotchlok onto the **exposed neutral wire** and then insert the Bazzaz neutral connector into the Scotchlok.



Bazzaz neutral connector

Factory neutral sensor

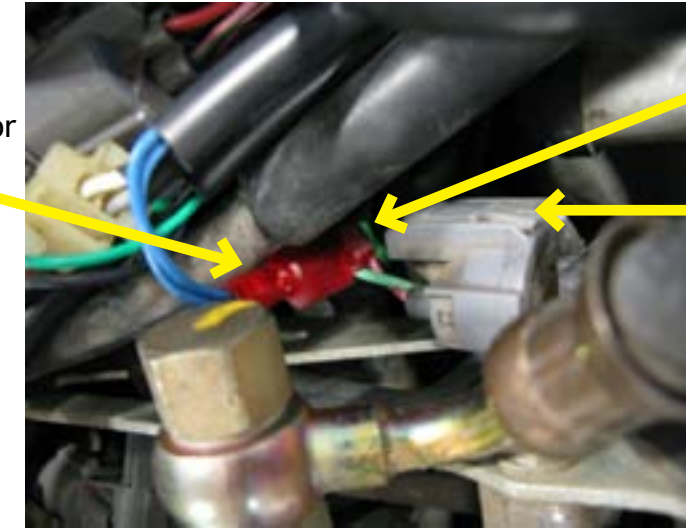
Scotchlok crimped onto the exposed neutral wire

5. Next, route the Bazzaz **GROUND** lug to the left side of the motorcycle, where the factory ground lugs are attached to the frame. Secure the Bazzaz ground lug with the factory ground lugs.

Bazzaz ground lug



6. Continue to route the Bazzaz harness along the right side of the motorcycle and up to the top of the motor. Locate the factory Throttle Position Sensor (TPS) connector and unplug it from the sensor; Locate the **green wire** of the factory TPS connector and crimp a supplied Scotchlok onto the wire. Insert the Bazzaz TPS connector into the Scotchlok and replace the factory connector onto the sensor.

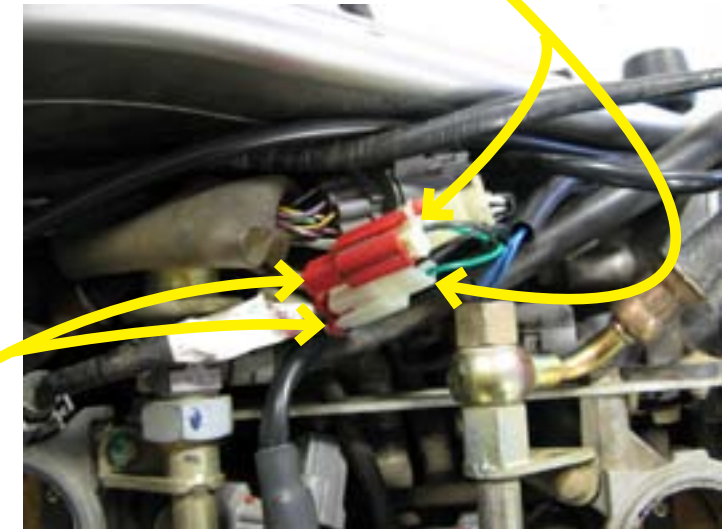


Bazzaz TPS connector

Scotchlok crimped onto the green wire of factory TPS connector

Factory TPS connector

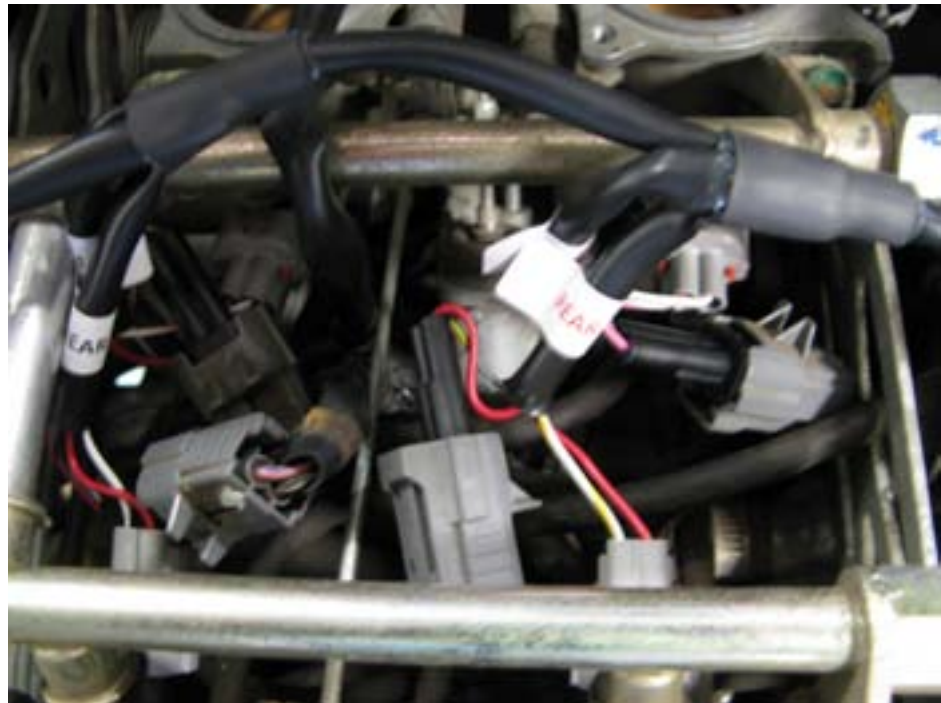
7. Locate and disconnect the red factory Crank Position Sensor (CKPS) connectors, which are located on the right side of the throttle bodies, just in front of the TPS. Now connect the Bazzaz CKPS connectors in-line with the factory CKPS connectors.



Bazzaz CKPS connector

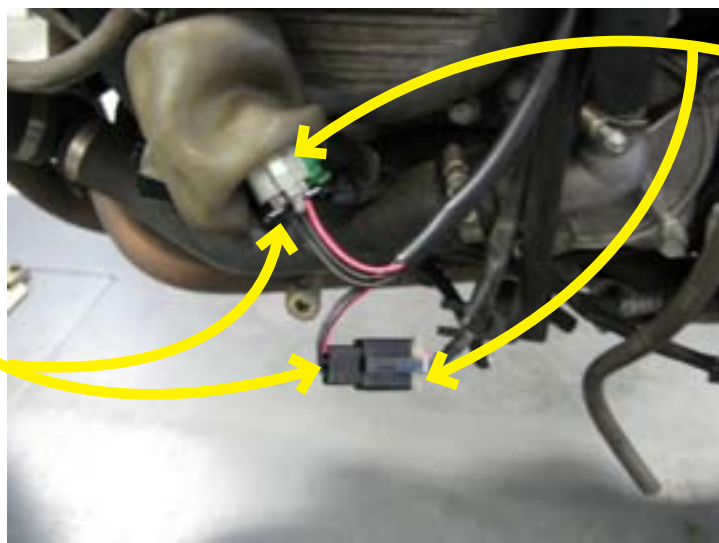
Factory CKPS connector

8. Now disconnect the factory **INJECTOR** connectors from the injectors. Plug the Bazzaz injector connectors in-line with the injectors and factory injector connectors according to the labels on the Bazzaz harness (Front Left, Front Right, Rear Left, and Rear Right).



In the picture above, some of the factory connectors and Bazzaz connectors can be seen connected in-line as an example.

9. Route the last portion of the Bazzaz harness down the left side of the motorcycle, behind the frame and towards the bottom of the motor. Locate the black factory **SPEED** sensor connectors inside the plastic shroud. Disconnect the factory speed connectors and plug them in-line with the Bazzaz speed connectors.



Bazzaz speed connectors

Factory speed connectors

10. Disconnect the existing O2 sensors from the factory harness (the connectors are found with the speed sensor connectors). These sensors will no longer be used; the wires should be neatly secured from away from any moving components, or the sensors may be removed and the remaining ports/bungs in the exhaust can then be plugged. Connect the Bazzaz O2 eliminators, supplied with the kit, in place of the factory sensor connectors. The supplied O2 eliminators must be connected in place of the O2 sensor connectors to avoid triggering a fault code (FI light).

11. To complete the installation, 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). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call **Bazzaz tech support at (909) 597-8300**. After it is determined that everything is correct, reinstall the components removed in step one and the installation will be complete.

The Bazzaz control unit is capable of storing two maps. These maps can be selected by connecting or disconnecting the map select jumper on the fuel harness (or you can switch maps on the fly with the handle bar mounted map select switch, sold separately). 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.

The control unit is pre-programmed from the factory with an enhanced map in the map 1 position. The map 2 position is using the stock ECU map. You are able to load and unload maps as needed via the Z-Fi Mapper software.



Map 1



Map 2

Don't forget to download the Z-Fi Mapper software from bazzaz.net (under the software tab) if you wish to adjust your fuel map. You will also need access to the Z-Fi Mapper software if you will be using the Z-AFM self-mapping kit.



Accessories you may be interested in to ENHANCE your Bazzaz experience

Z-AFM™ | Tuning Technology (for use with all Bazzaz fuel control units)

Quickly collect data to build ideal, self-made fuel maps while riding. [Part No. 127062]



Map Select Switch (for use with the Z-Fi, Z-Fi MX, Z-Fi QS and Z-Fi TC)

The Bazzaz Map Select Switch is a handlebar-mounted switch for convenient toggling between two maps held on the Bazzaz unit. For example, rider can toggle between a fuel efficient map, rain map, or a full power map. [Part No. 127078]

