

POWER COMMANDER 6

Installation Guide for: PC6-22014

Model Coverage: 2004-2009 Yamaha FZ6 Fazer

PARTS LIST

- | | |
|--------------------------|--------------------|
| 1 POWER COMMANDER 6 | 2 VELCRO STRIPS |
| 1 INSTALLATION GUIDE | 1 ALCOHOL SWAB |
| 1 USB CABLE | 1 POSI-TAP |
| 2 DYNOJET DECALS | 1 WIRE (WHITE/RED) |
| 2 POWER COMMANDER DECALS | |

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



INPUT ACCESSORY GUIDE



OPTIONAL ACCESSORY INPUTS

- Map** (Input 1 or 2) The PC6 has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important.
- Shifter** (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to Input 2 by default.
- Speed** If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quick shifter.
- Analog** This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.
- Launch** You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

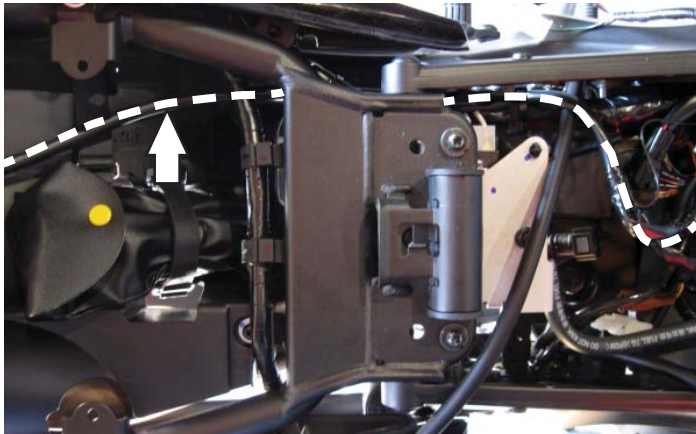
WIRE CONNECTIONS

To input wires into the PC6 first remove the rubber plug on the backside of the unit and loosen the screw for the corresponding input. Using a 22-24 gauge wire, strip about 10mm from its end. Push the wire into the hole of the PC6 until it stops and then tighten the screw. Make sure to reinstall the rubber plug.

NOTE: If you tin the wires with solder it will make inserting them easier.

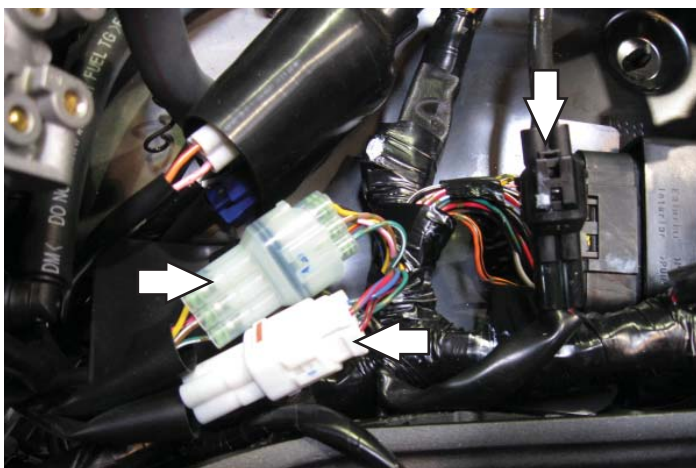


INSTALLING THE POWER COMMANDER 6



- 1 Remove the main seat and the passenger seat.
- 2 Prop the front of fuel tank up.

This image is shown with fuel tank removed, which is not necessary.
- 3 Lay the PC6 unit in the tail section and route the harness down the left side of the bike.



- 4 Unplug the wiring harness from the throttle bodies.

One connector is a WHITE 4-pin and the other is a CLEAR 6 -pin.
- 5 Unplug the O2 sensor from the main wiring harness.

The stock O2 sensor will no longer be connected to anything. It can be removed from the exhaust if desired and if you have a way to plug the hole in the exhaust.



- 6 Plug the connectors from the PC6 in-line of the stock wiring harness.

- 7 Attach the ground wire of the PC6 to the negative side of the battery.



- 8 Secure the PC6 unit in the tail section using the supplied Velcro.

Make sure to clean both surfaces with the alcohol swab before attaching.

- 9 On this bike it is highly recommended to connect the PC6 to the speed input so that the map can be put into gear advanced mode. To do this, use the supplied piece of wire (WHITE/RED) and posi-tap to connect to the PINK wire of 3-pin WHITE connector under fuel tank.
- 10 Connect the other end of the wire into the PC6 Speed input - see page 2.
- 11 Bolt the fuel tank back into place and reinstall the seats.



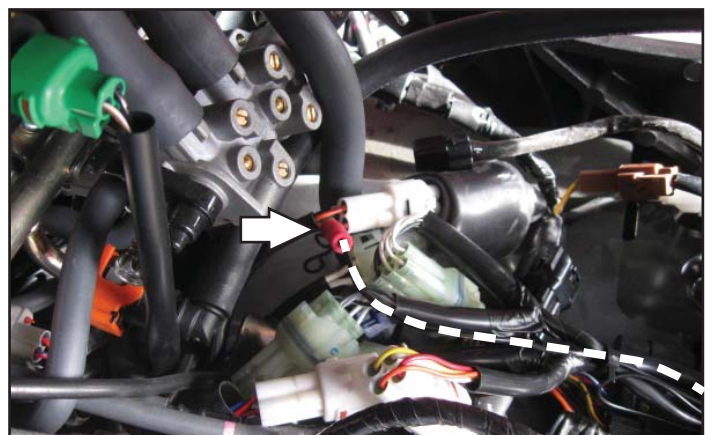
Download the latest map files from our web site at dynojet.com/tunes.

Optional inputs:

Temperature input - GREEN/WHITE wire of 6-pin clear connector under fuel tank (same as PC6 connection).

12v source for Autotune - BLUE wire of tail light connector.

Speed input - PINK wire of speed sensor connector (WHITE 3-pin connector under the fuel tank).





**PUSH
THE
LIMIT**

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM
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