

POWER COMMANDER 6

Installation Guide for: PC6-22015

Model Coverage: 2006-2015 Yamaha FZ1

PARTS LIST



- | | |
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| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

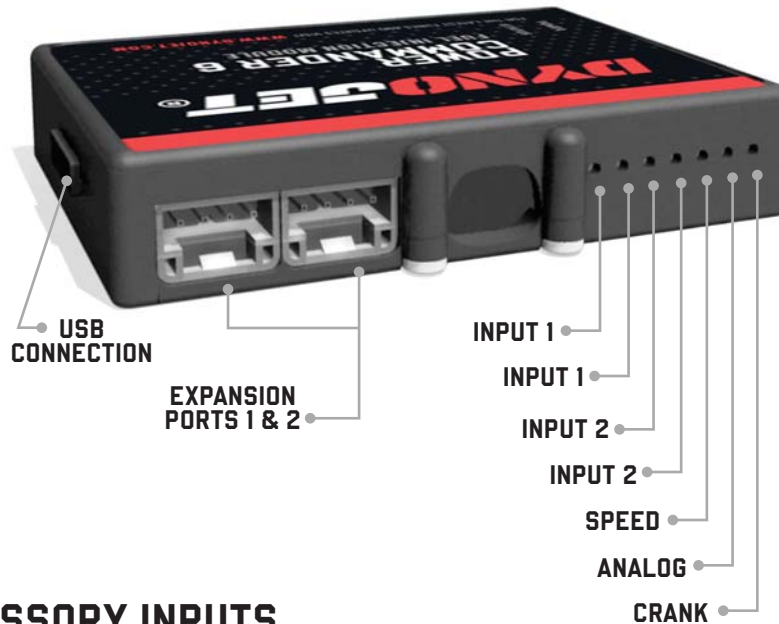
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-22015.01



INPUT ACCESSORY GUIDE



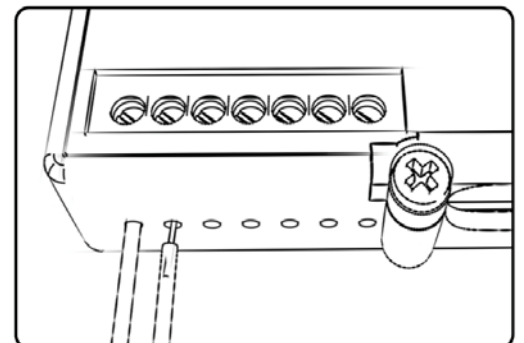
OPTIONAL ACCESSORY INPUTS

- 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

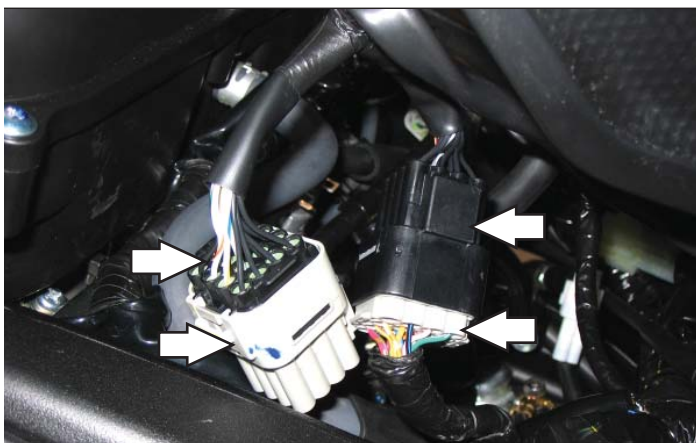


- 1 Remove the main seat and the passenger seat.
- 2 Prop the front of the fuel tank up.
- 3 Remove the bolt on the left hand side of the fuel tank bracket and loosen the right hand bolt enough to route the PC6 harness beneath it.
- 4 Lay the PC6 module in the tail section temporarily. Route the PC6 harness through the tail section, towards the engine, beneath the fuel tank bracket, following inside the left side frame rail.
- 5 Re-secure the fuel tank bracket.



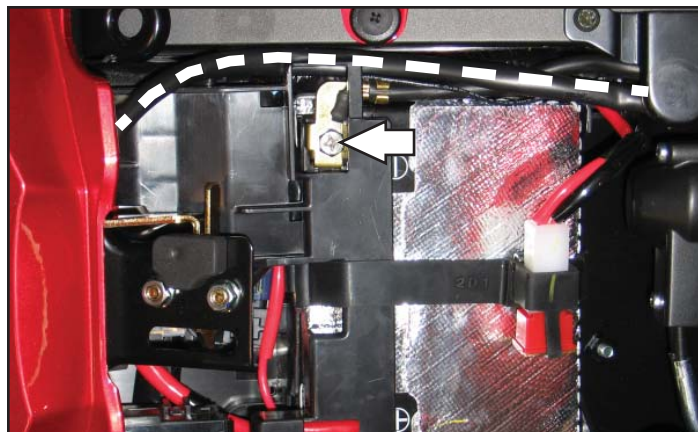
- 6 Locate and unplug the stock connector for the Fuel Injector sub-harness.

This is a GREY 16-pin connector located on the left side of the bike just rear of the air box.



- 7 Plug the pair of connectors from the PC6 wiring harness in-line of the stock Fuel Injector sub-harness connectors.

- 8 Attach the PC6 ground wire with the small ring lug the negative (-) terminal of the bike's battery.



- 9 Using the supplied Velcro, secure the PC6 module in the rear of the tail section.

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

You could also use the tool kit strap to hold the module in the tail.

- 10 Confirm the wiring harness routing is correct and free and clear of any hot or moving parts.
- 11 Lower and secure the front of the fuel tank and reinstall the seats.



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

Optional inputs:

Speed - PINK wire on WHITE 3-pin connector under the fuel tank.

Engine Temperature - GREEN/WHITE wire of the GREY 16-pin connector (connected to PC6).

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



**PUSH
THE
LIMIT**

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