

# POWER COMMANDER 6

Install guide for: PC6-22008

Model coverage for: 2009-2017 Yamaha FZ6R

## PARTS LIST



- |   |                    |   |                        |
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| 1 | POWER COMMANDER 6  | 2 | POWER COMMANDER DECALS |
| 1 | INSTALLATION GUIDE | 2 | VELCRO STRIPS          |
| 1 | USB CABLE          | 1 | ALCOHOL SWAB           |
| 2 | DYNOJET DECALS     |   |                        |

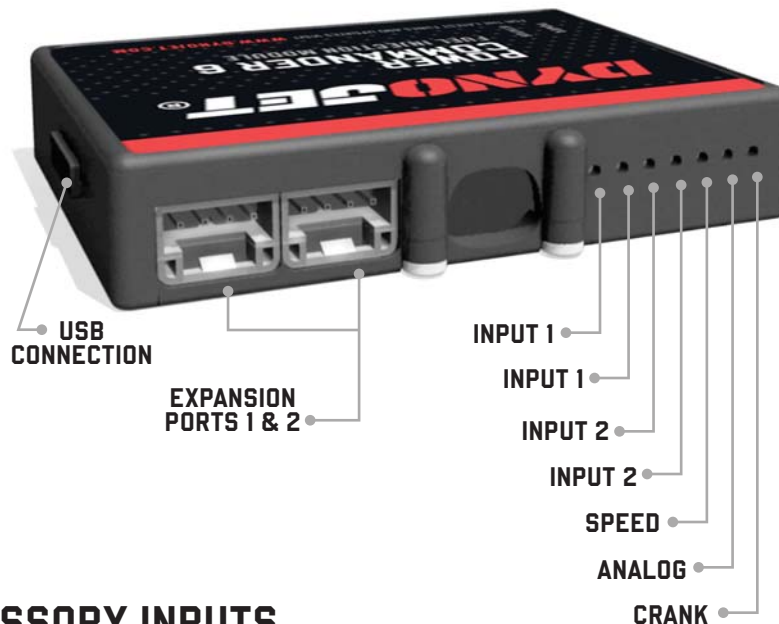
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.  
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-22008.01

**YAMAHA**

# INPUT ACCESSORY GUIDE



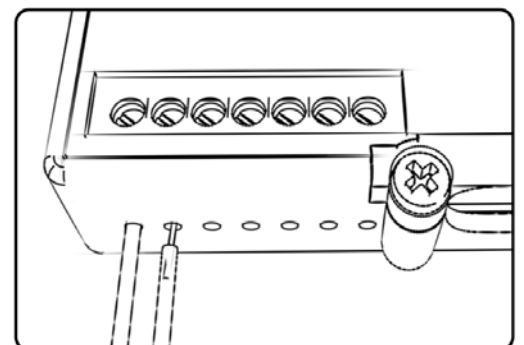
## OPTIONAL ACCESSORY INPUTS

- 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 quickshifter. .
- 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 seat.
- 2 Prop the front of fuel tank up.

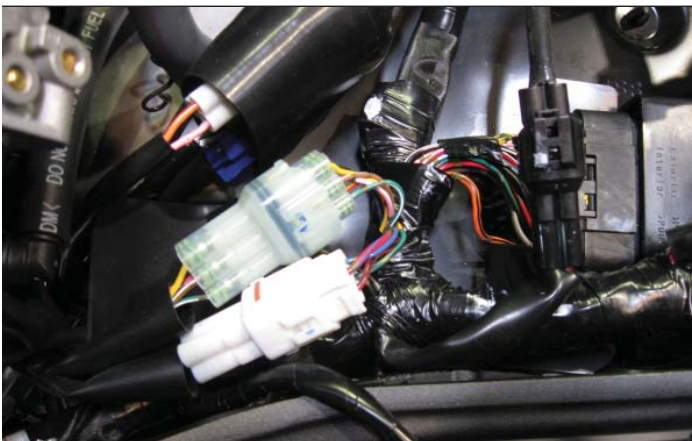
*(This pic is shown with fuel tank removed which is not necessary.)*

- 3 Secure the PC6 underneath the inner fairing panel using the supplied velcro.

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



- 4 Route the PC6 harness down the left side of the air box and go towards the throttle bodies.



- 5 Unplug the wiring harness from the throttle bodies.

*One connector is a WHITE 4-pin and the other is a CLEAR 6-pin.*

- 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 Bolt the fuel tank back into place and reinstall the seat.



#### Optional inputs:

**Speed input** - PINK wire of 3-pin WHITE connector under fuel tank. Speed sensor is located on the engine case near the front sprocket cover.

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

**12v source for Auto-tune** - BLUE wire of tail light connector.



# **PUSH THE LIMIT**

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