

[POWER COMMANDER V]

2004-2005 Kawasaki ZX-10R

Installation Instructions



PARTS LIST

- 1 Power Commander
- 1 USB Cable
- 1 Installation Guide
- 2 Power Commander Decals
- 2 Dynojet Decals
- 2 Velcro strips
- 1 Alcohol swab

**THE IGNITION MUST BE TURNED
OFF BEFORE INSTALLATION!**

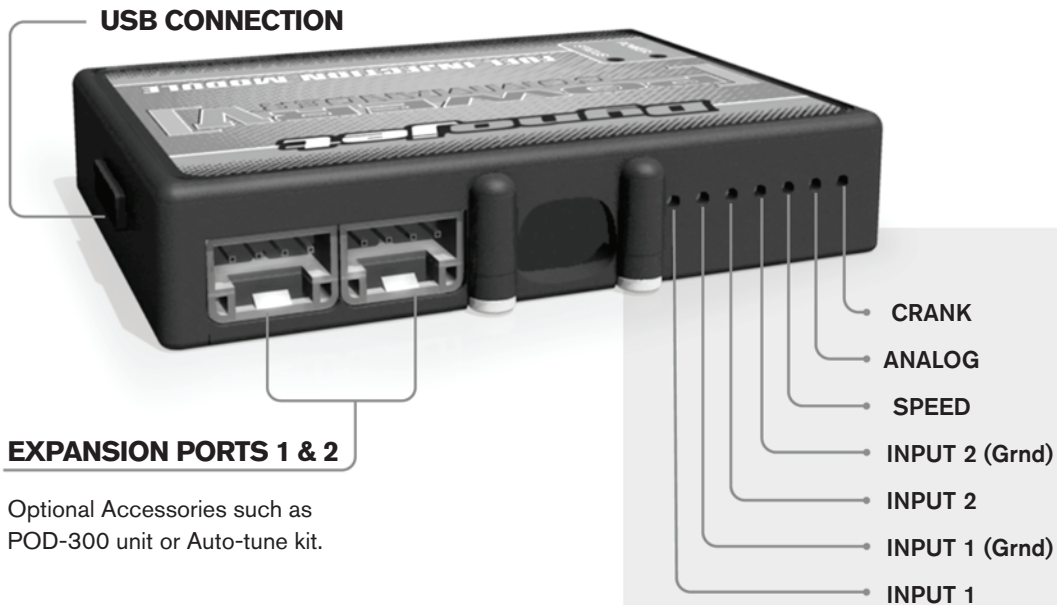
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 www.powercommander.com

POWER COMMANDER V INPUT ACCESSORY GUIDE



Wire connections:

To input wires into the PCV 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 PCV 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.



ACCESSORY INPUTS

Map -

(Input 1 or 2) The PCV 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. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is "CLOSED" Autotune will be activated. (Set to Switch Input #1 by default.)

Shifter-

(Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

Speed-

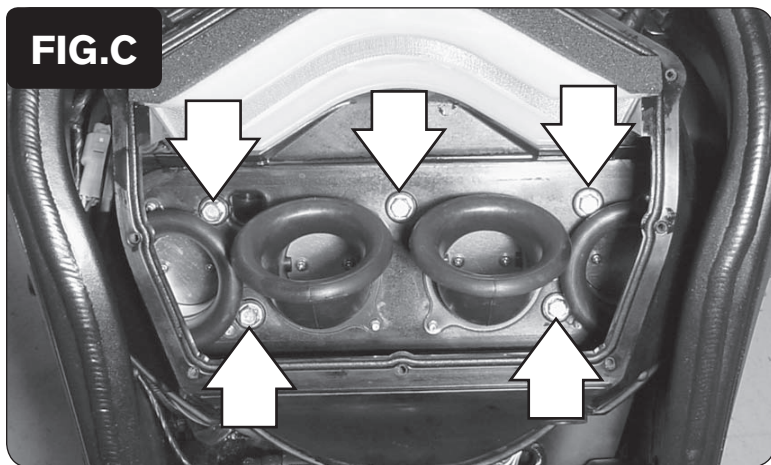
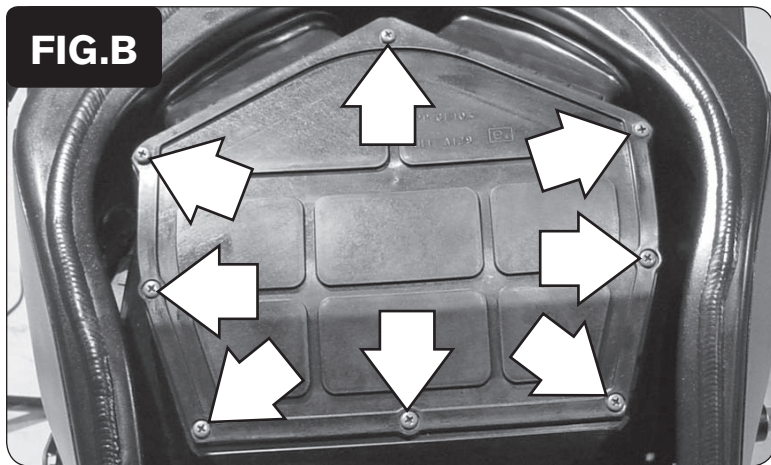
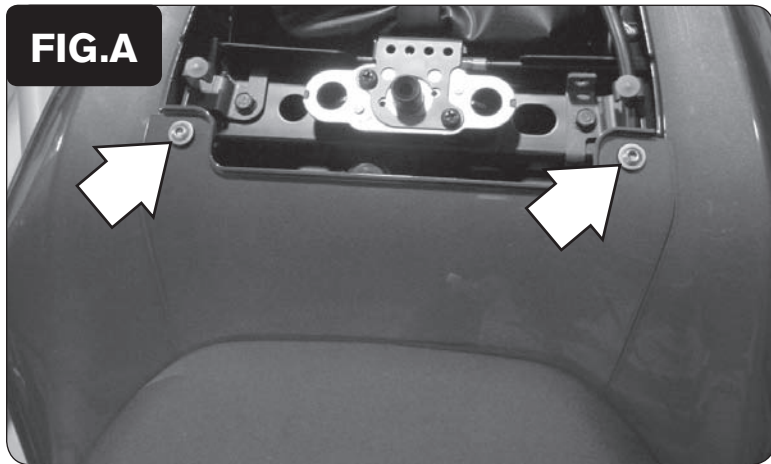
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent kill times when using a quickshifter.

Analog-

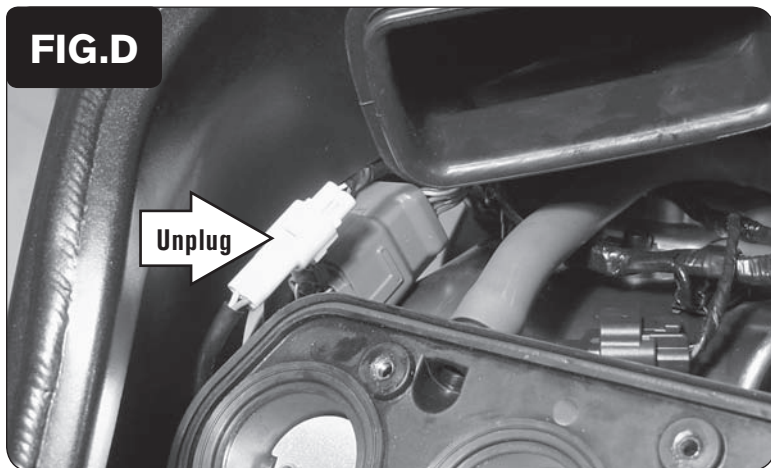
This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the control center software.

Crank-

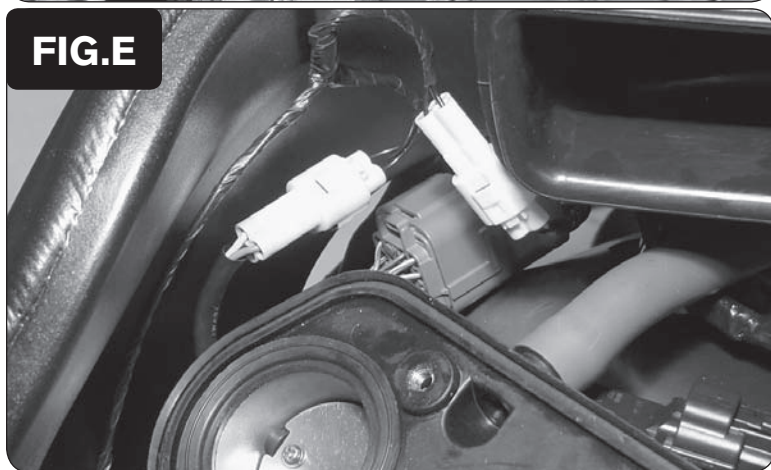
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



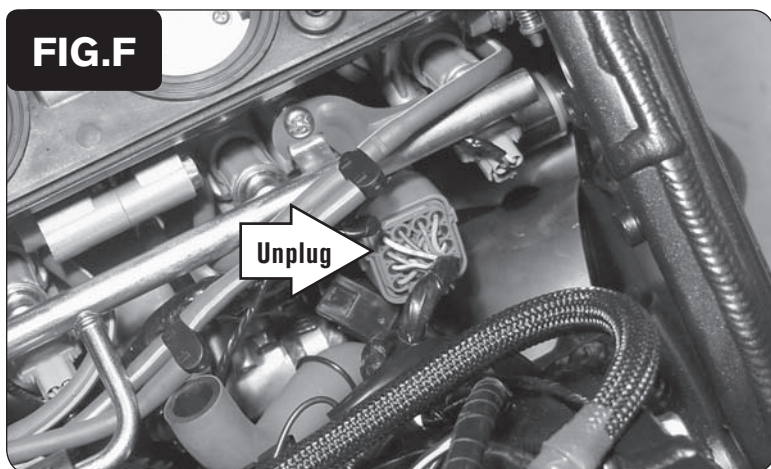
- 1 Remove the main seat and the passenger seat.
- 2 Remove the tail cover by removing the two bolts (Fig. A).
- 3 Place the PCV module in the tail section and route the wiring harness on the inside of the tail section towards the front of the bike.
- 4 Remove the fuel tank.
- 5 Remove the airbox lid by removing the eight screws around the outer edge (Fig. B).
- 6 Remove the bolts shown in Figure C. Remove the airbox.



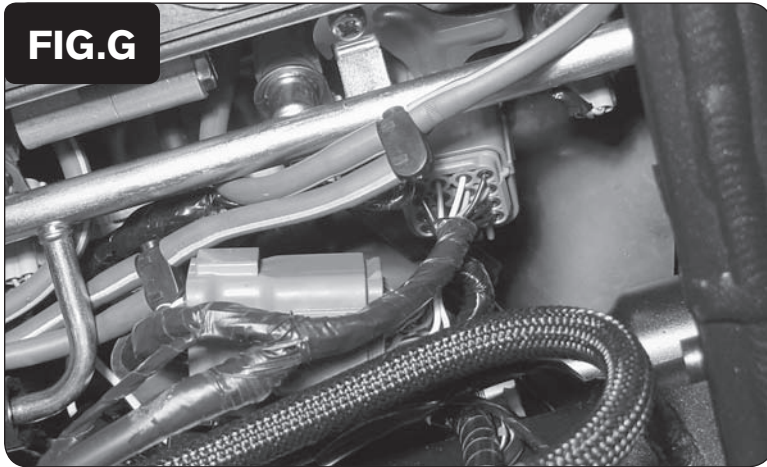
- 7 Locate and unplug the Throttle Position Sensor connector (Fig. D).
This is a WHITE 3-pin connector located above the left hand side of the engine.



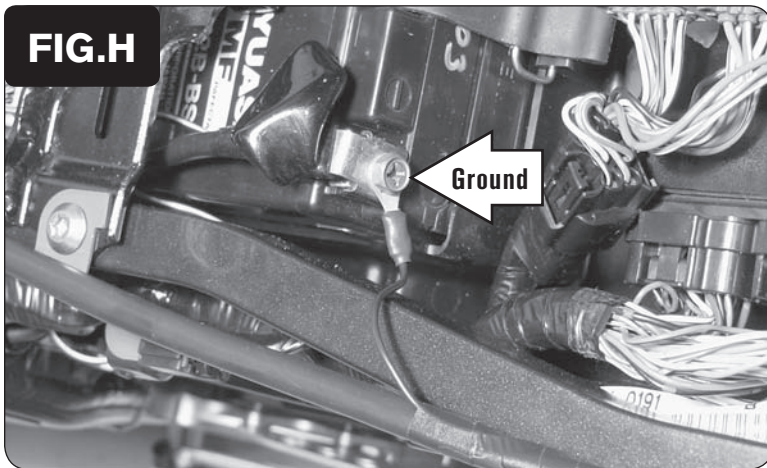
- 8 Plug the matching pair of WHITE 3-pin connectors on the PCV wiring harness in-line of the stock TPS connectors (Fig. E).



- 9 Locate and unplug the stock sub-harness connector for the bike's fuel injectors (Fig. F).
This is a BROWN 16-pin connector located on the right hand side of the bike under the fuel tank and behind the engine.



- 10 Plug the pair of 16-pin connectors of the PCV wiring harness in-line of the stock connectors (Fig. G).



- 11 Secure the ground wire of the PCV wiring harness with the ring lug to the negative (-) terminal of the bike's battery (Fig. H).



- 12 Use the supplied Velcro to secure the PCV module inside of the tail section (Fig. I).

Clean the surface area with the supplied alcohol swab prior to applying the Velcro.

- 13 Reassemble the bike.