[POWER COMMANDER V]

2016 Yamaha YXZ1000R

Installation Instructions

PARTS LIST

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1	USB Cable
1	Installation Guide
2	Power Commander Decals
2	Dynojet Decals
1	Alcohol swab
2	Dual Lock strips
3	Zip ties

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

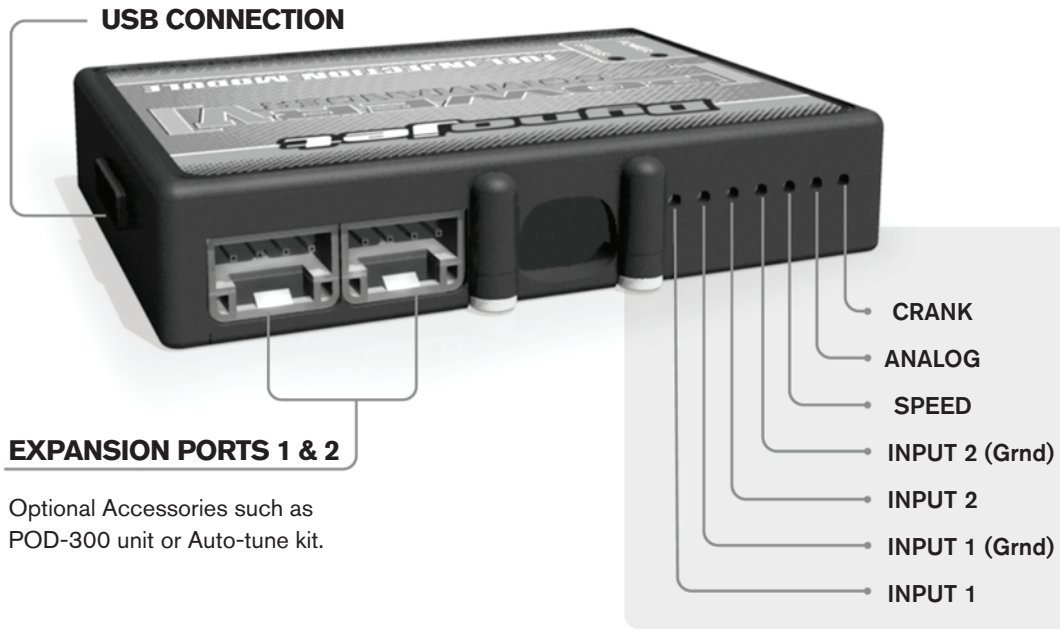
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT: www.powercommander.com

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

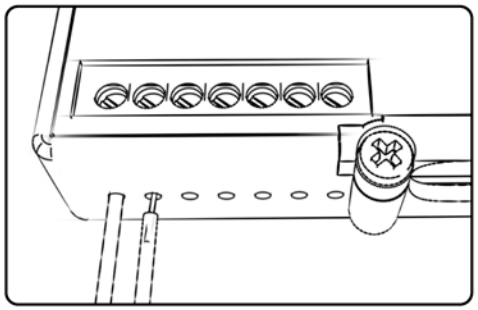


Optional Accessories such as POD-300 unit or Auto-tune kit.

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 is 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.)

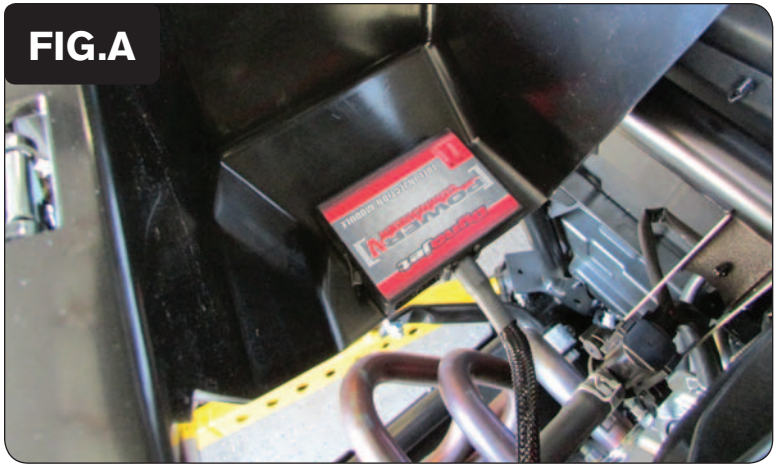
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

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.

FIG.A



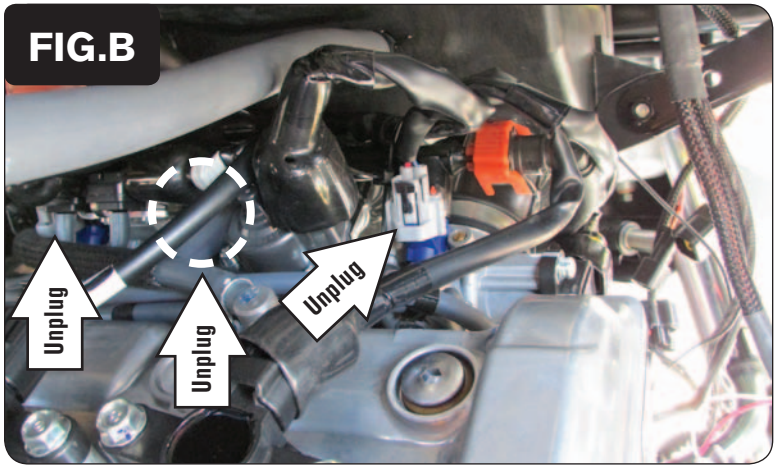
1 Remove the large cover at the front of the cargo bed.

2 Use the supplied Dual Lock strips to secure the PCV module to the cargo bed left of the airbox (Fig. A).

Clean surfaces with the supplied alcohol swab before attaching the Dual Lock.

Use a zip tie to secure the PCV wiring harness near the module to prevent it from falling directly downward and on to the hot exhaust.

FIG.B



3 Unplug all three Fuel Injectors (Fig. B).

Only the rear most fuel injector can be clearly seen in this picture.

FIG.C

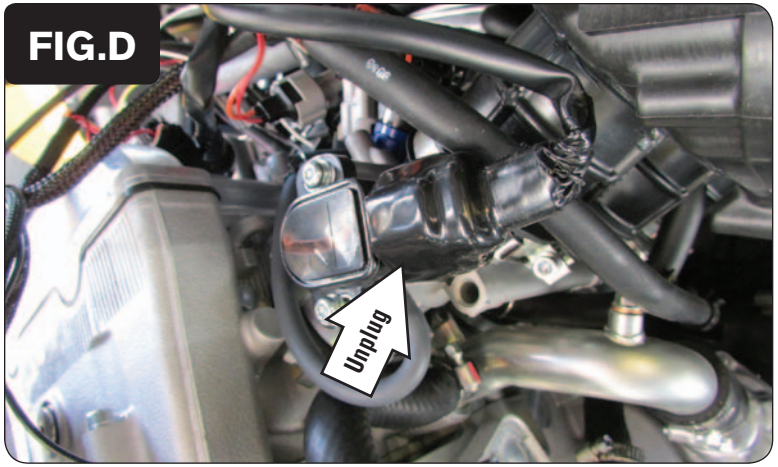
4 Plug the PCV wiring harness in-line of each Fuel Injector and the stock wiring harness (Fig. C).

The PCV connector pair with ORANGE colored wires go in-line of the rear most injector.

The PCV connector pair with YELLOW colored wires go in-line of the middle injector.

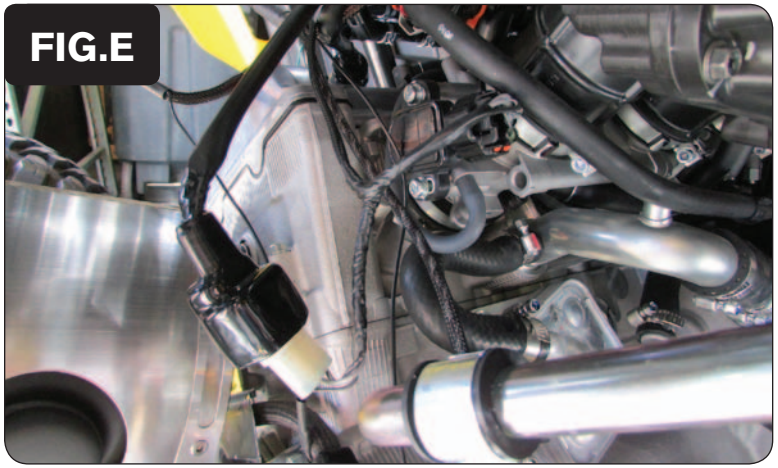
The PCV connector pair with GREEN colored wires go in-line of the forward most injector.

FIG.D



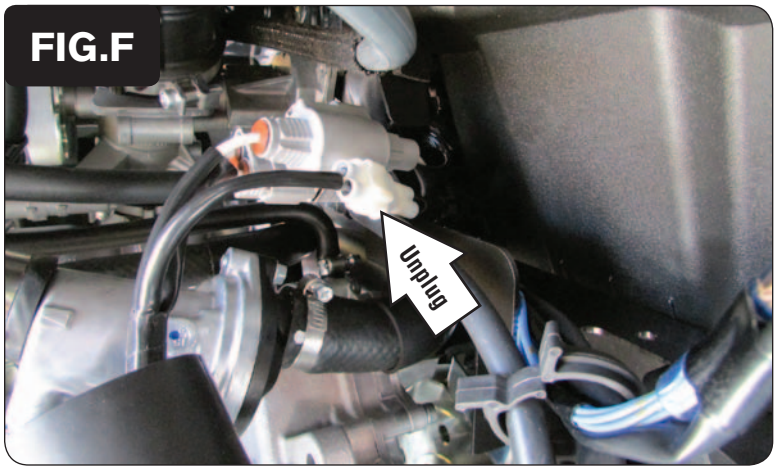
5 Unplug the Throttle Position Sensor at the rear of the throttle bodies (Fig. D).

FIG.E



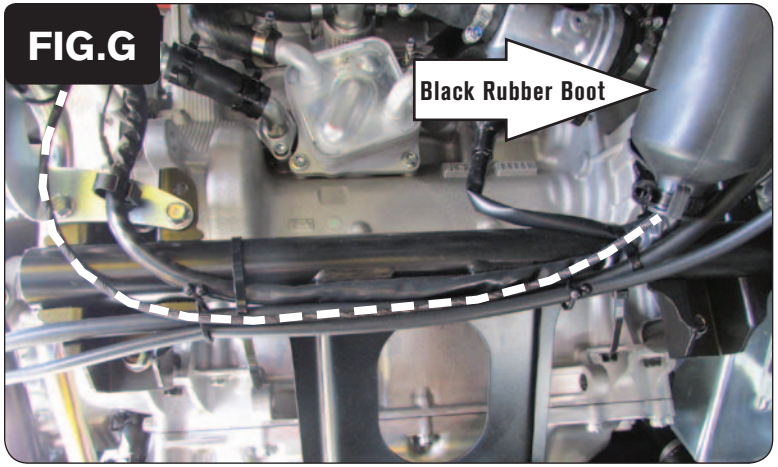
6 Plug the PCV wiring harness in-line of the TPS and the stock wiring harness (Fig. E).

FIG.F



7 Unplug the stock Crank Position Sensor connectors (Fig. F).

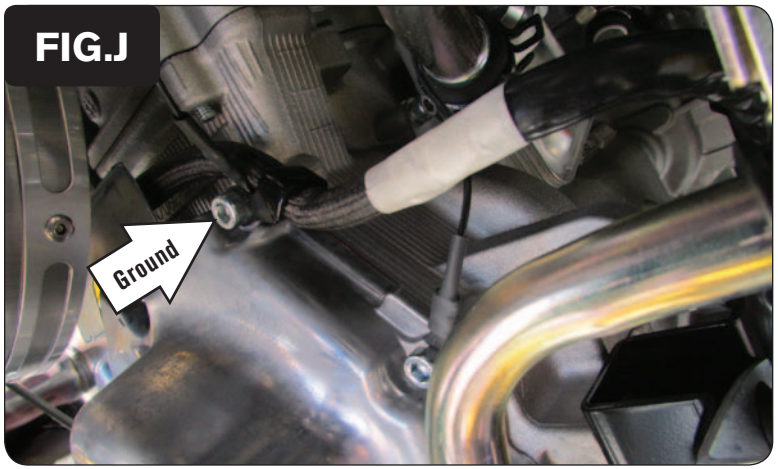
This is a WHITE 2-pin connector pair with a LIGHT GREY and a DARK GREY wire. It is stored inside of a BLACK rubber boot right of the engine.



8 Route the PCV wiring harness connectors with BROWN colored wires towards the stock Crank Position Sensor connectors in the BLACK rubber boot. Follow along side the stock wiring. Use the stock wire ties to secure the PCV wiring harness (Fig. G).

9 Plug the PCV wiring harness in-line of the stock Crank Position Sensor connectors (Fig. H).

After connecting, these can be stored back inside of the rubber boot.



10 Secure the PCV ground wire with the small ring lug to the rear engine cover bolt shown in Figure J.

11 Use the supplied zip ties to secure the PCV wiring harness and module away from the hot exhaust.

12 Reinstall the cover at the front of the cargo bed.