

[POWER COMMANDER V]

FUEL and IGNITION

2008-2013 Yamaha Rhino 700

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!

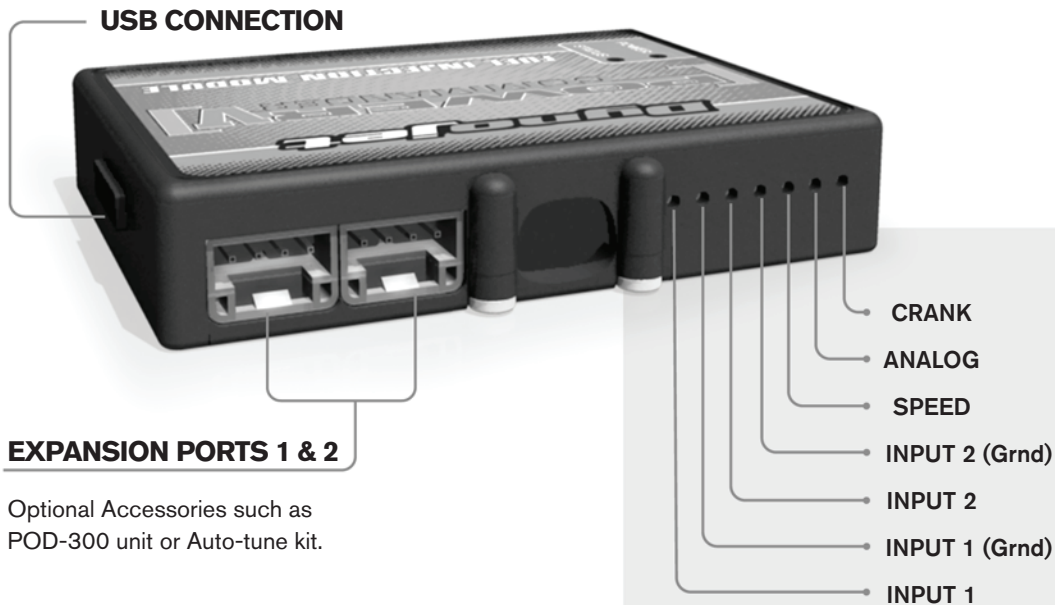
THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

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-

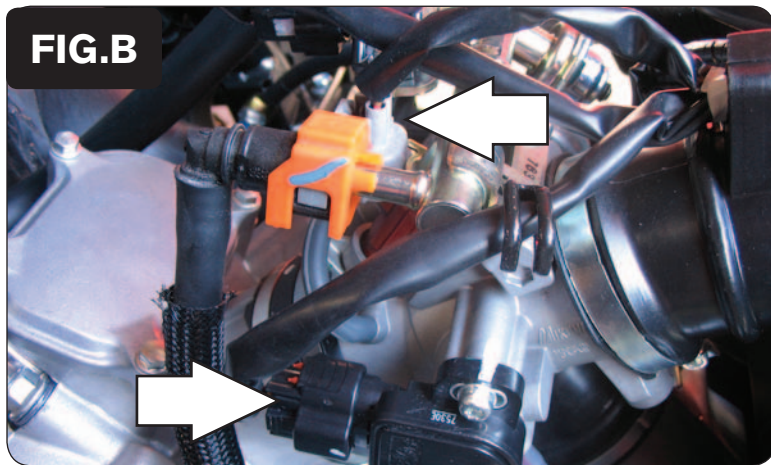
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

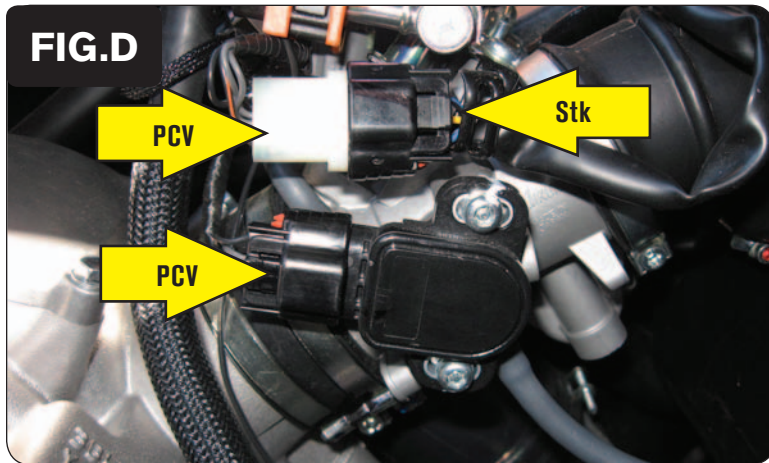
Do **NOT** connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.



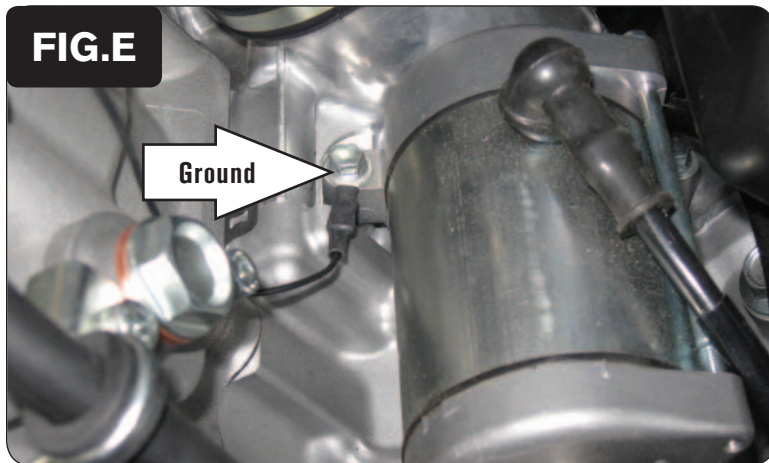
- 1 Remove both seats.
- 2 Remove the engine cover.
- 3 Secure the PCV under the engine cover as shown in Figure A using the supplied Velcro.
Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.
- 4 Route the branch with the spade terminals to the left side of the UTV and the rest of the PCV harness straight up towards the engine.

- 5 Disconnect the stock wiring harness from the injector and the Throttle Position Sensor (Fig. B).

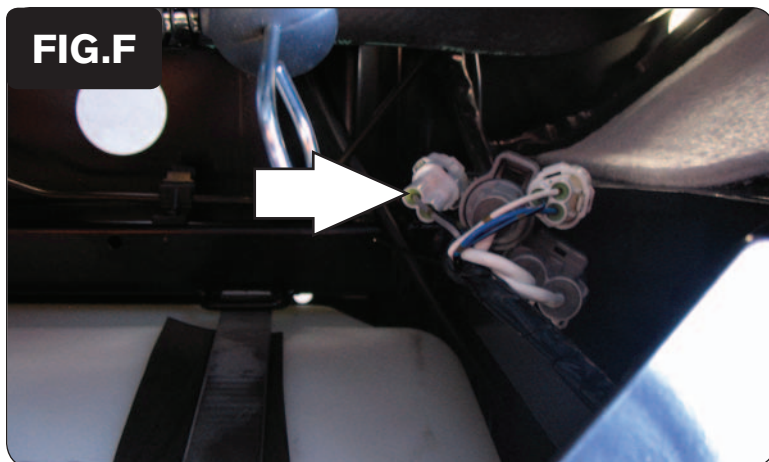
- 6 Plug the PCV harness in-line of the stock injector and stock wiring harness (Fig. C).



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



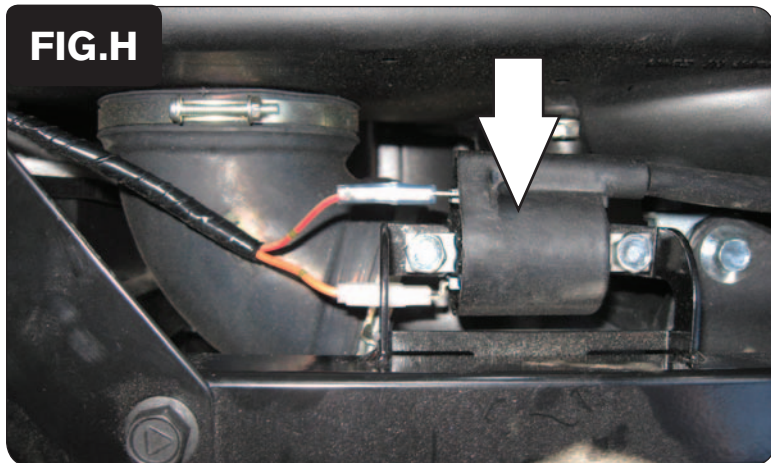
- 7 Attach the ground wire of the PCV to the starter motor mounting bolt (Fig. E).



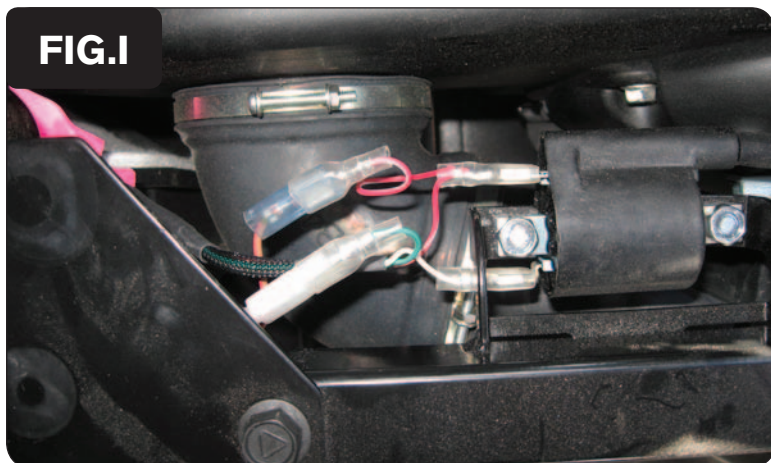
- 8 Locate the crank pickup coil connection (Fig. F).
This is a WHITE 2-pin connector near the fuel tank.
- 9 Unplug the crank pickup coil connector.



- 10 Plug the PCV connectors in-line of the stock crank pickup coil and wiring harness (Fig. G).



- 11 Locate the Ignition coil on the left side of the UTV near the belt housing.



- 12 Plug the PCV in-line of the stock Ignition coil and stock wiring harness.
PCV RED wires go in-line of the stock BRN/RED wire.
PCV GREEN wires go in-line of the stock ORANGE wire.
- 13 Reinstall the engine cover and seats.