

[POWER COMMANDER V]

FUEL AND IGNITION

2011-2015 Can-Am Commander 1000

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!**

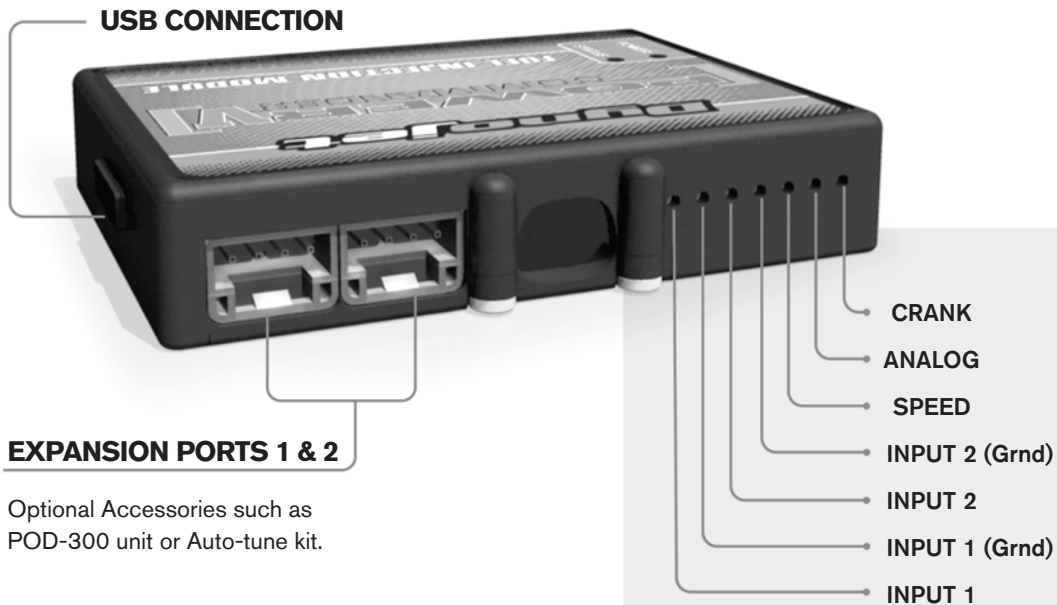
YOU CAN ALSO DOWNLOAD THE
POWER COMMANDER SOFTWARE AND
LATEST MAPS FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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

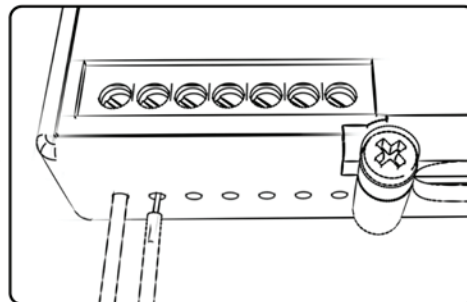
POWER COMMANDER V INPUT ACCESSORY GUIDE



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.

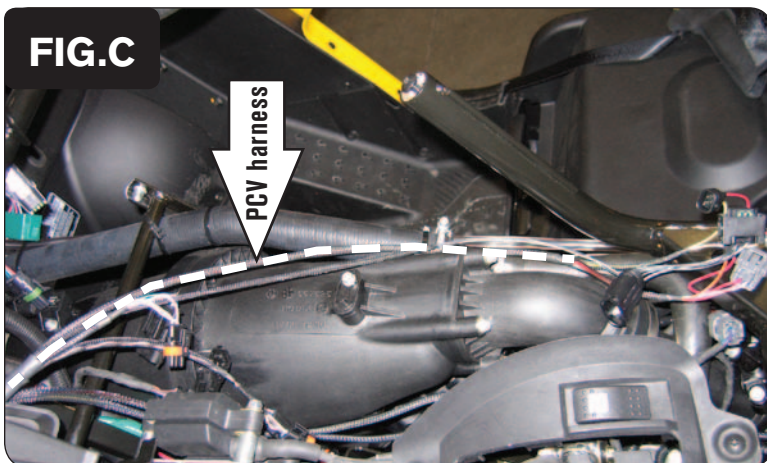


- 1 Remove the center console, glove compartment, ignition switch board, and both passenger side engine compartment cover panels.

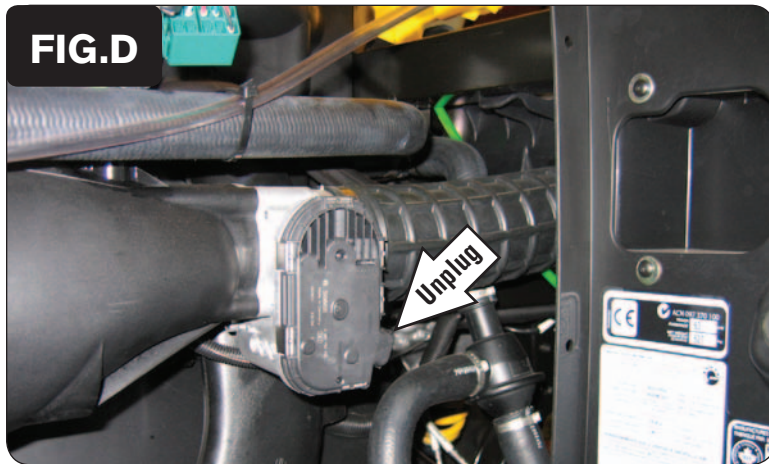
The motor compartment will be exposed as shown in Figure A.



- 2 Using the supplied Velcro, secure the PCV to the driver side engine cover.
Make sure to clean both surfaces with the alcohol swab before attaching.
- 3 Attach the ground wire from the PCV with the small ring lug to the negative (-) terminal of the battery (Fig. B).



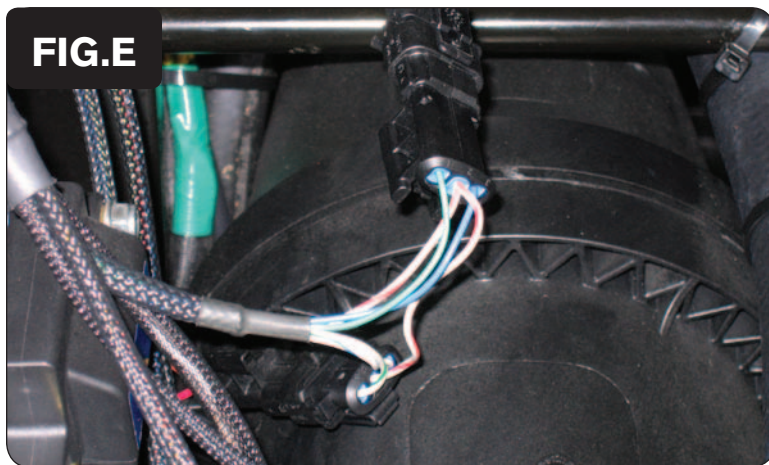
- 4 Route the PCV harness over the engine cover and along the intake plenum (Fig. C).



- 5 Locate the throttle body and unplug the 6-pin electrical servo connector from it (Fig. D).

The electronic throttle body servo is located on the passenger side of the intake plenum.

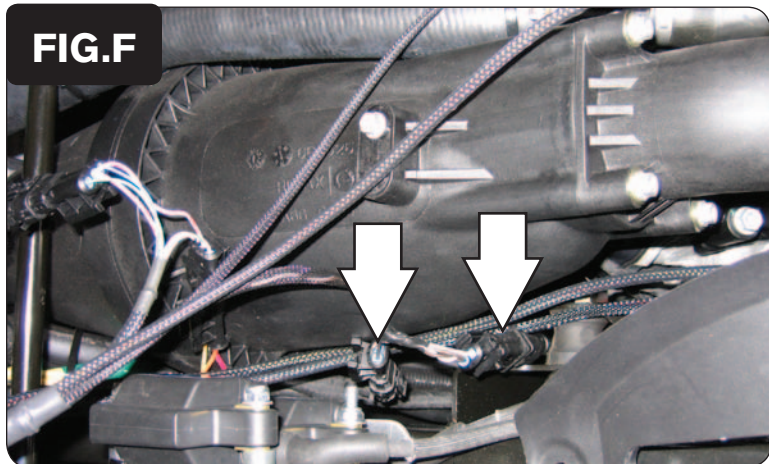
- 6 Plug the pair of connectors from the PCV harness in-line with stock wiring harness and the throttle body servo unit.



- 7 Unplug the stock 3-pin connector from the vehicle's ignition coil.

This connector is located on the coil under the center console on the left side.

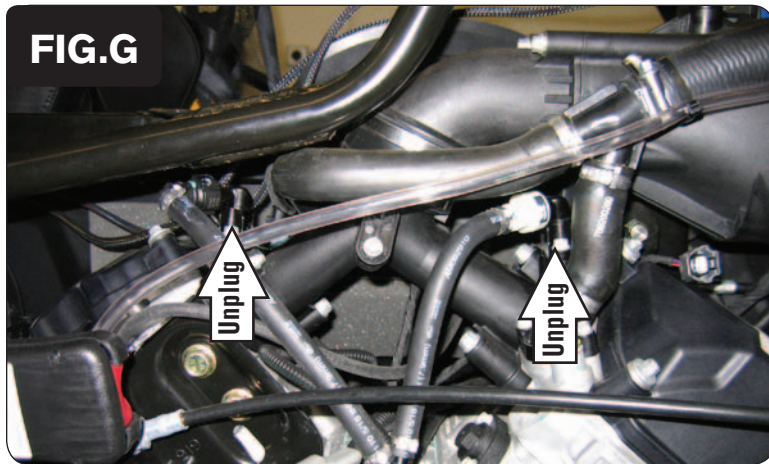
- 8 Plug the pair of connectors from the PCV harness in-line of the ignition coil and the stock wiring harness (Fig. E).



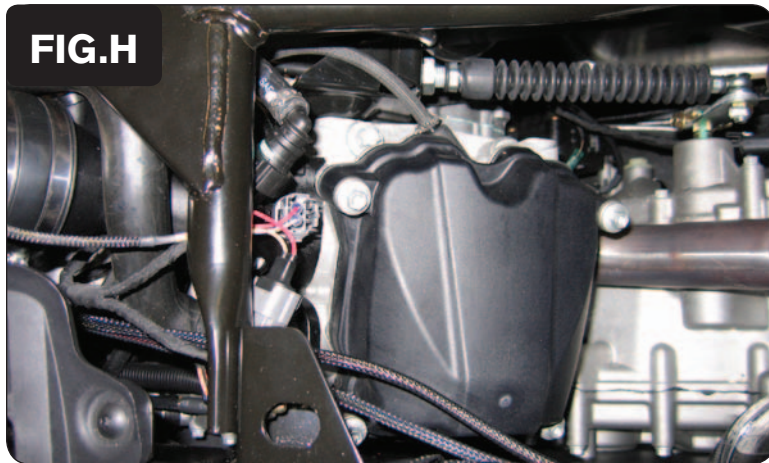
- 9 Locate and unplug the stock 2-pin connector pair for the vehicle's crank position sensor.

This connector pair is located beneath the intake plenum on the drivers side of the engine.

- 10 Plug the pair of 2-pin connectors from the PCV harness with BROWN colored wires in-line of the stock crank position sensor connectors (Fig. F).



11 Locate and unplug the fuel injectors above the engine (Fig. G).



- 12 Plug the PCV connectors in-line of the stock wiring harness and the fuel injectors.
- *The PCV connector pair with ORANGE colored wires goes in-line of the FRONT cylinder fuel injector.*
 - *The PCV connector pair with YELLOW colored wires goes in-line of the REAR cylinder fuel injector.*
- 13 Secure the wiring such that it is free and clear of any hot or moving parts.
- 14 Reinstall the center console, glove compartment, ignition switch board, and both passenger side engine compartment cover panels.