[POWER COMMANDER V]

2008-2013 Arctic Cat Prowler 1000

Installation Instructions

PARTS LIST

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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

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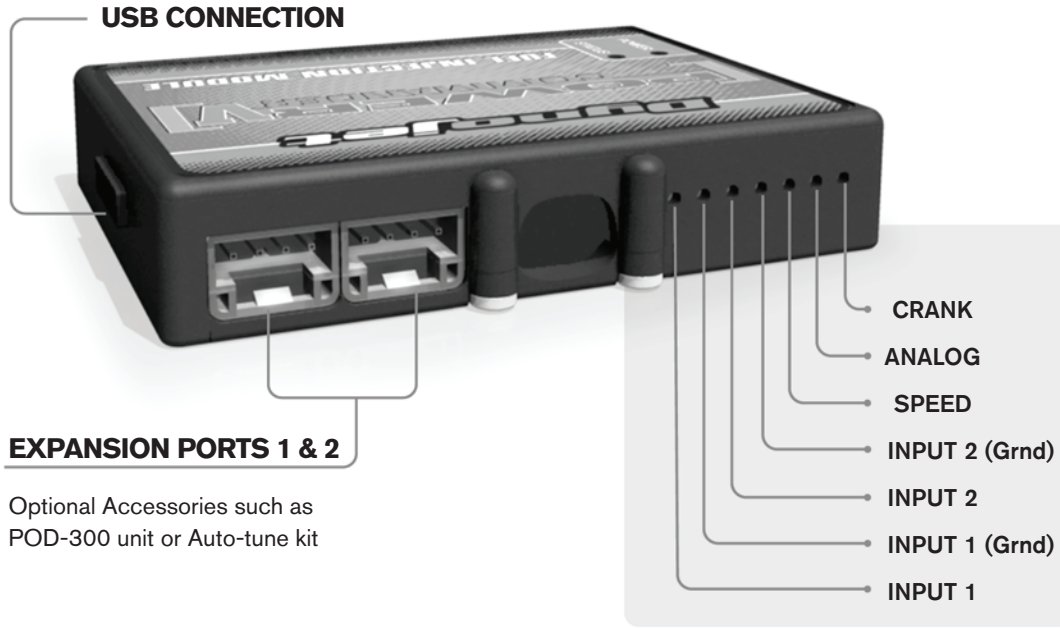
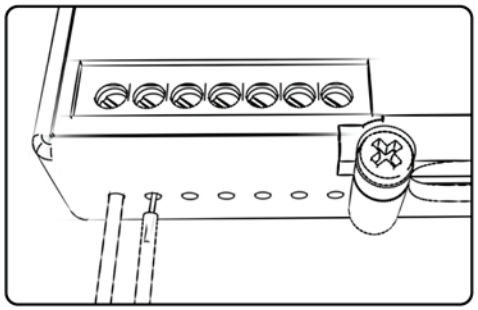
POWER COMMANDER V
INPUT ACCESSORY GUIDE



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 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

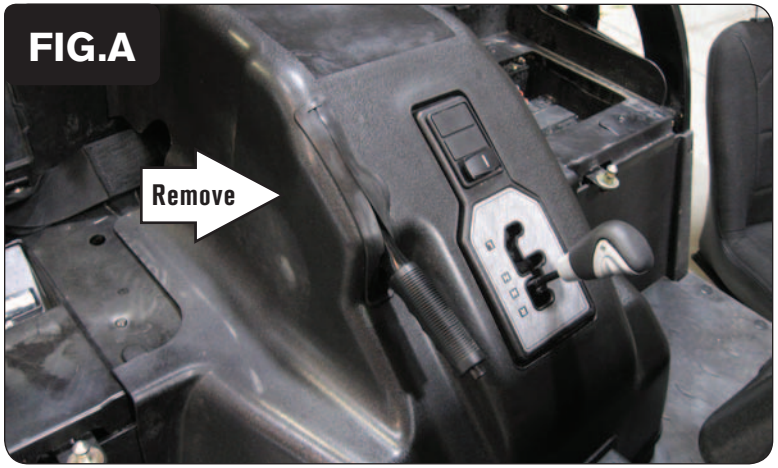
Map - (Input 1 or 2) The PCV has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is "CLOSED" Autotune will be activated.

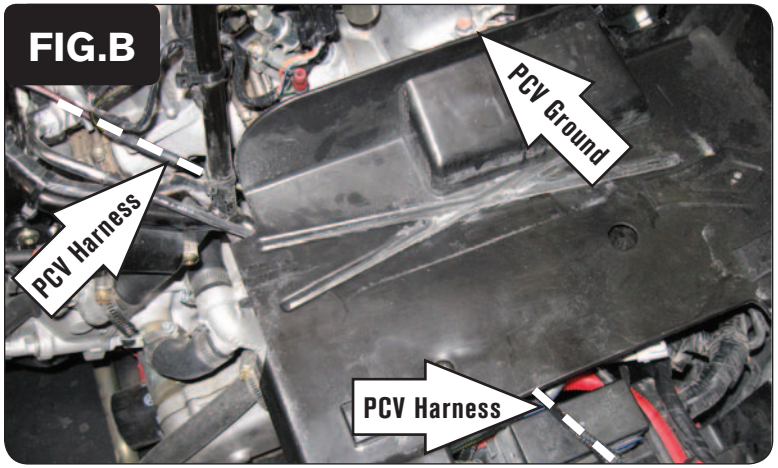
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important.

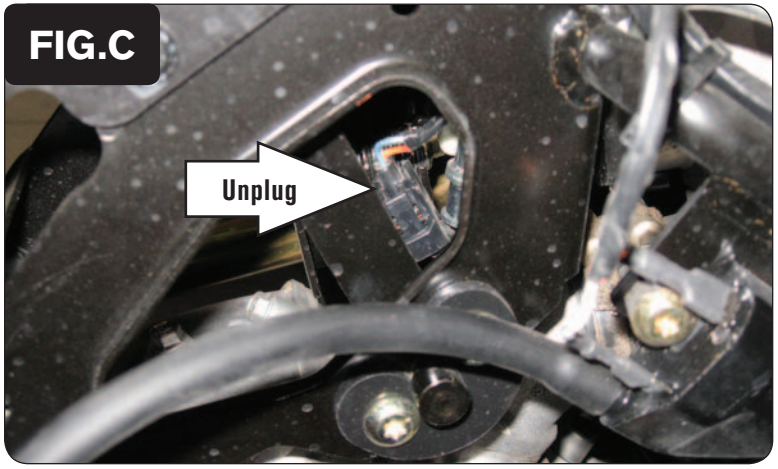
Speed- If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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





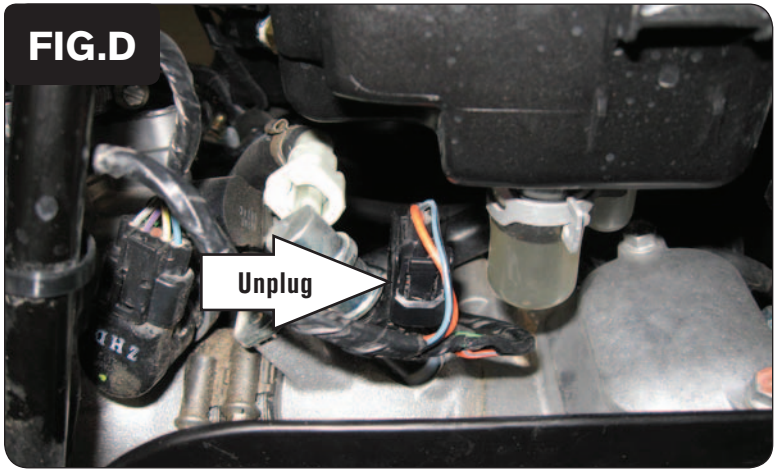


1 Remove the seats. Remove the engine cover (Fig. A).

2 Route the PCV harness from the battery area and go underneath the frame towards the engine (Fig. B)

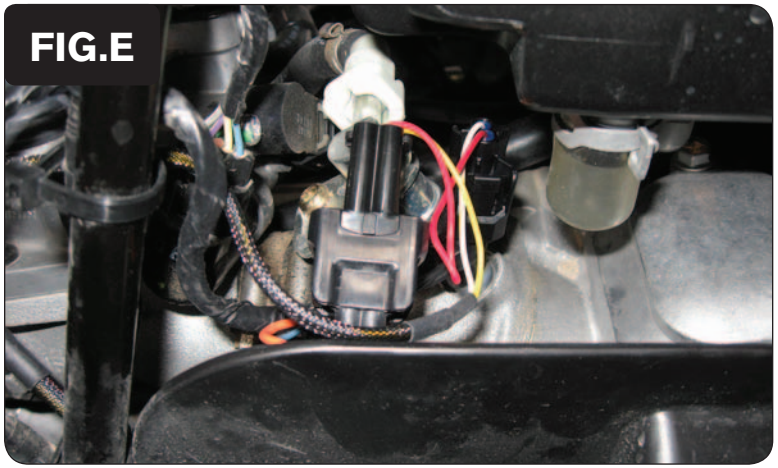
3 Unplug the stock wiring harness from the front fuel injector (Fig. C).

This connector is located beneath the shift lever.



4 Unplug the stock wiring harness from the rear fuel injector (Fig. C).

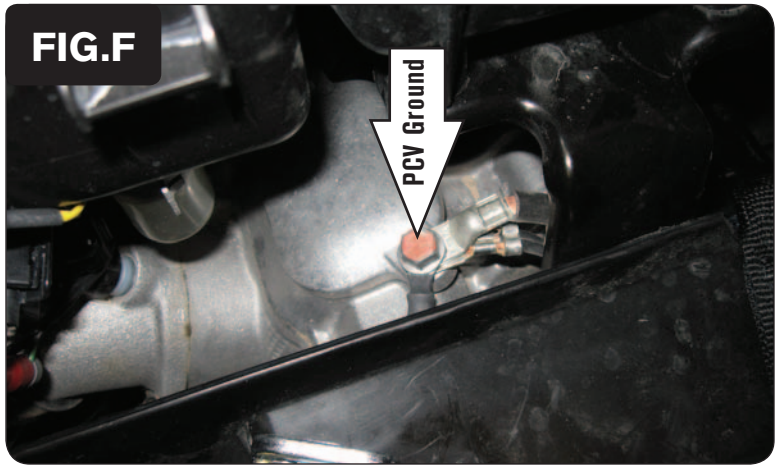
This connector is located beneath the airbox.



5 Plug the PCV connectors in-line of the stock wiring harness and fuel injector for each cylinder (Fig. E).

The pair of PCV leads with ORANGE colored wires go to the FRONT cylinder.

The pair of PCV leads with YELLOW colored wires go to the REAR cylinder.



6 Attach the ground wire from the PCV to the stock ground wires on the engine case (Fig. F).

The ground wires are located to the left side of the airbox.
Also seen in Figure B.

FIG.G

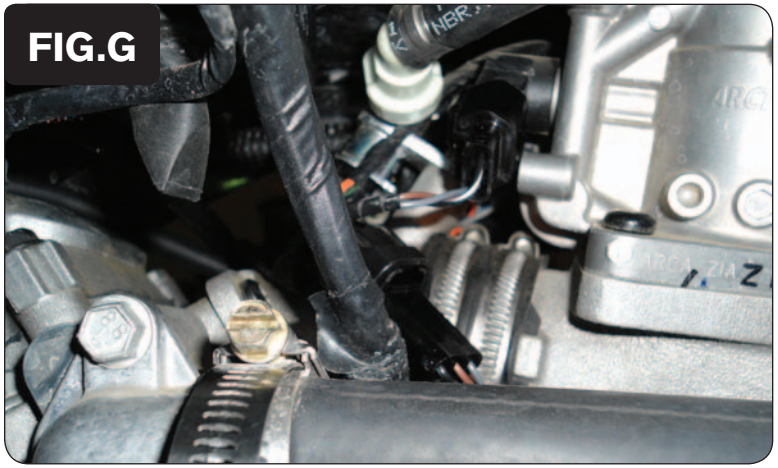
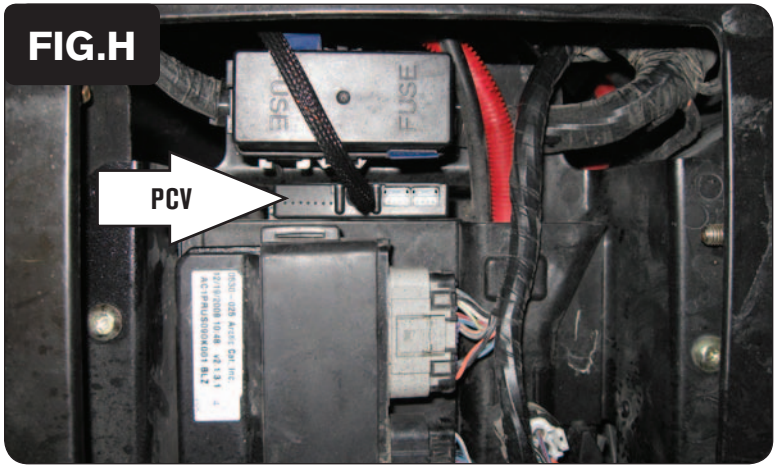


FIG.H



7 Locate and unplug the stock wiring harness from the vehicle's Throttle Position Sensor.

The TPS is located on the right side of the throttle bodies.

8 Plug the pair of 3-pin connectors from the PCV wiring harness in-line of the TPS and the stock wiring harness (Fig. G).

9 Using the supplied Velcro, secure the PCV module in the ECU / Fuse Box area (Fig. H).

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

10 Reinstall the engine cover and the seats.