[POWER COMMANDER V]

2012-2013 Husqvarna TC250

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

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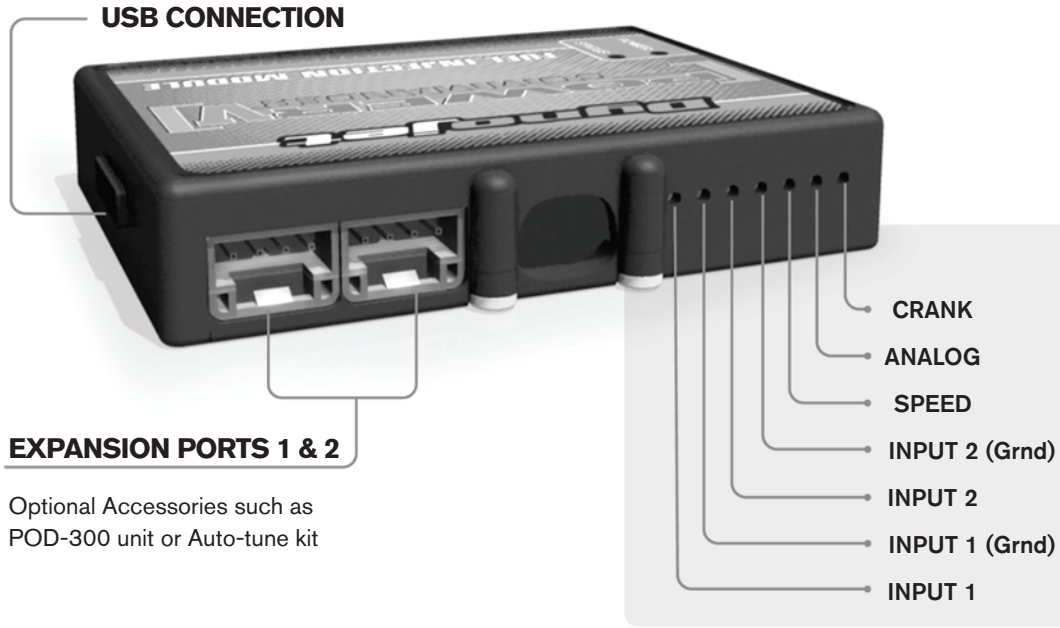
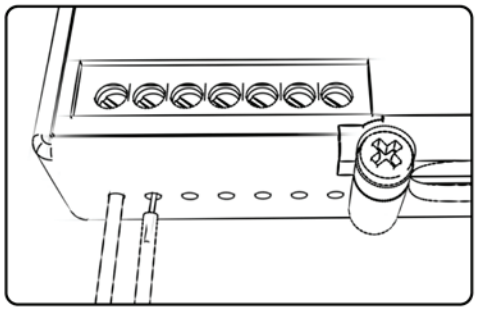
POWER COMMANDER V
INPUT ACCESSORY GUIDE



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

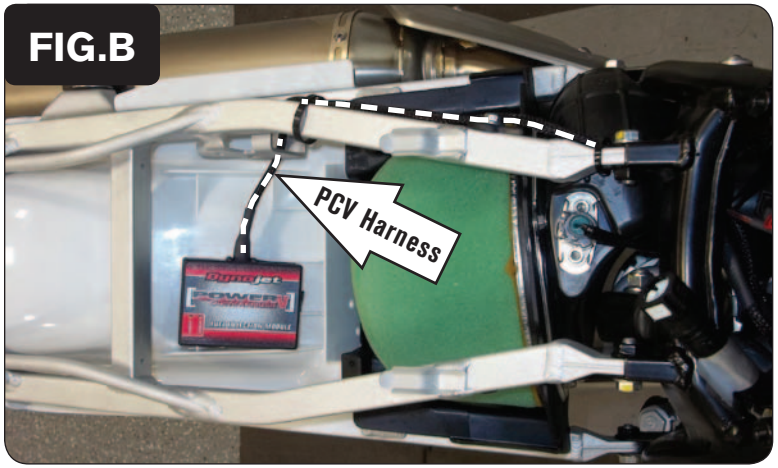
Map - (Input 1 or 2) The PCV has the ability to hold 2 different base maps. You can switch on the fly between these two base maps when you hook up a switch to the MAP inputs. You can use any open/close type switch. The polarity of the wires is not important. When using the Autotune kit one position will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

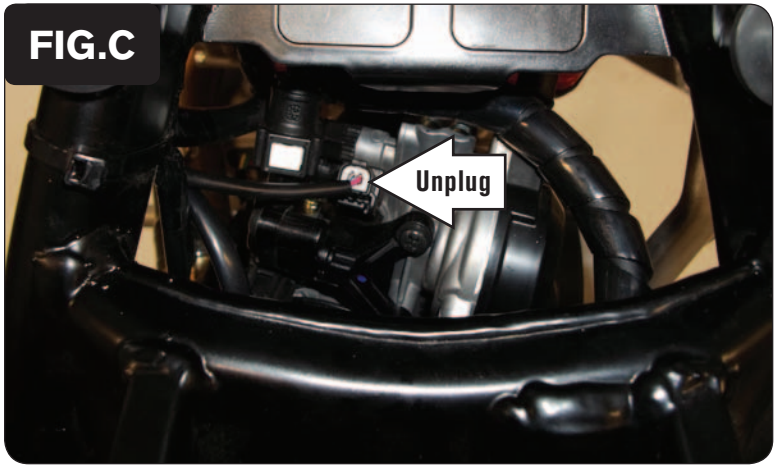
Shifter- (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch Input #2 by default.)

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 bike's seat, side covers, and fuel tank (Fig. A).

2 Use the supplied Velcro strips to secure the PCV module to the rear fender in the location shown in Figure B, just behind the air cleaner.

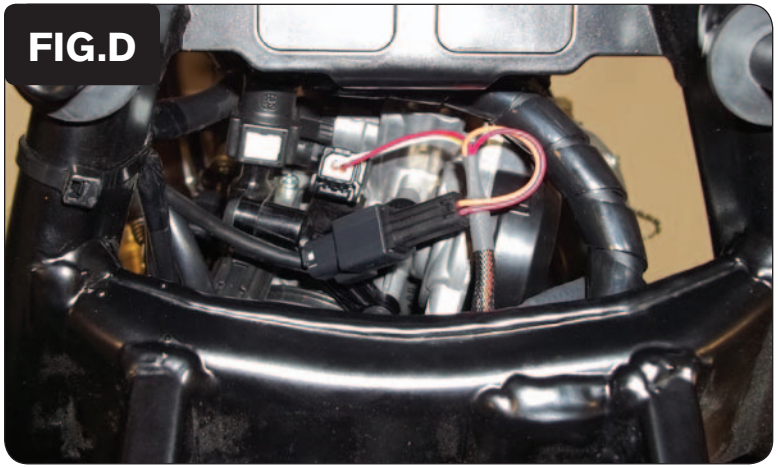
Be sure to clean both surfaces with the supplied alcohol swab prior to applying the Velcro.

3 Route the wiring harness of the PCV towards the bike's engine following alongside the left side frame rail (Fig. B).

4 Locate and unplug the stock wiring harness from the bike's Fuel Injector (Fig. C).

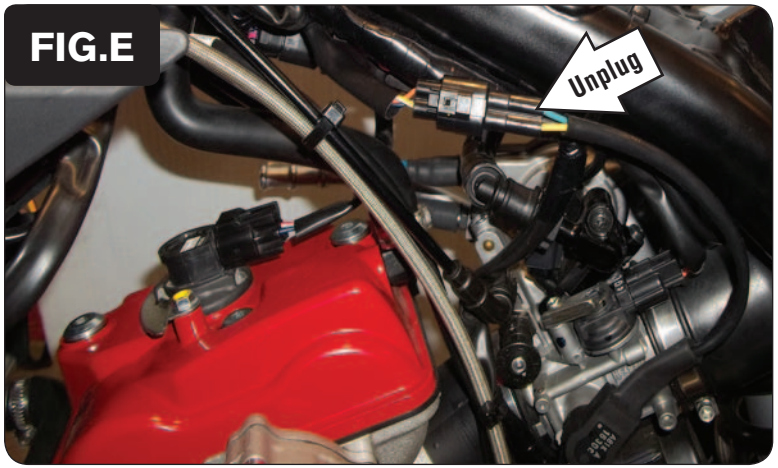
The Fuel Injector is located directly on top of the throttle body.

FIG.D



5 Plug the PCV wiring harness in-line of the bike's Fuel Injector and the stock wiring harness (Fig. D).

FIG.E



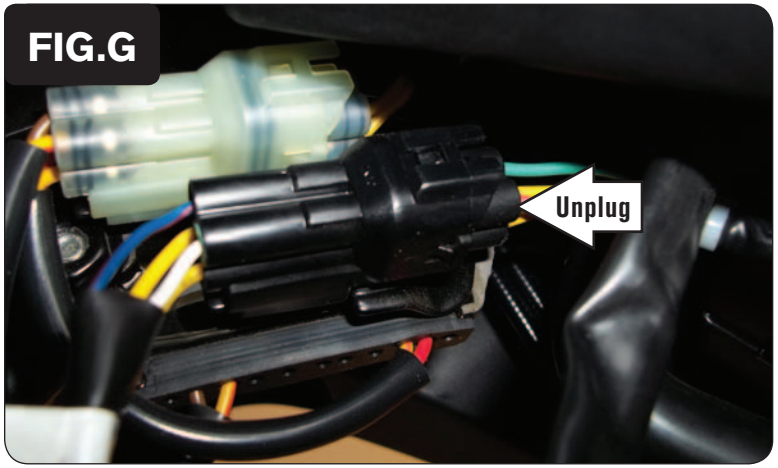
6 Locate and unplug the stock wiring harness from the bike's Throttle Position Sensor (Fig. E).

The bike's Throttle Position Sensor is on the left side of the throttle body.

FIG.F

7 Plug the PCV wiring harness in-line of the bike's Throttle Position Sensor and stock wiring harness (Fig. F).

FIG.G

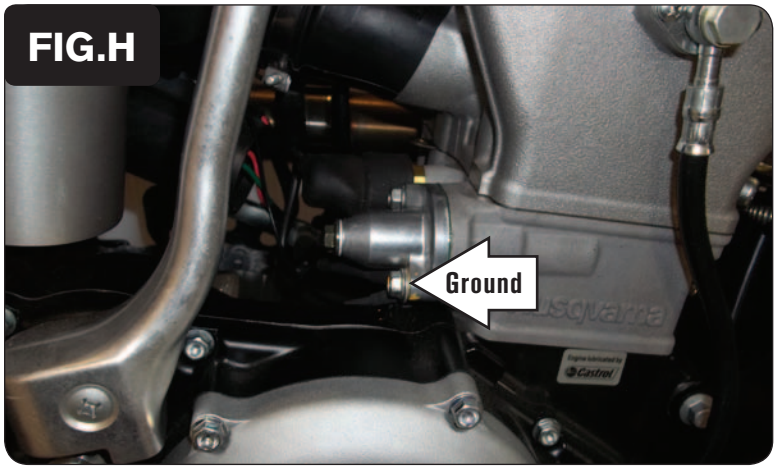


8 Locate and unplug the stock wiring harness for the bike's Crank Position Sensor (Fig. G).

This is a BLACK 4-pin connector at the front of the bike, beneath where the fuel tank would go.

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

FIG.H



10 Secure the ground wire of the PCV wiring harness with the small ring lug to the lower bolt that holds the engine's Cam Chain Tensioner (Fig. H).

11 Secure the PCV wiring harness, making sure it is free and clear of any hot or moving parts.

12 Reinstall the bike's fuel tank, seat, and side covers.