

[POWER COMMANDER V]

2002-2008 Honda 919 (Hornet 900)

Installation Instructions



PARTS LIST

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- 2 Power Commander Decals
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- 2 Velcro strips
- 1 Alcohol swab
- 2 Positaps

**THE IGNITION MUST BE TURNED
OFF BEFORE INSTALLATION!**

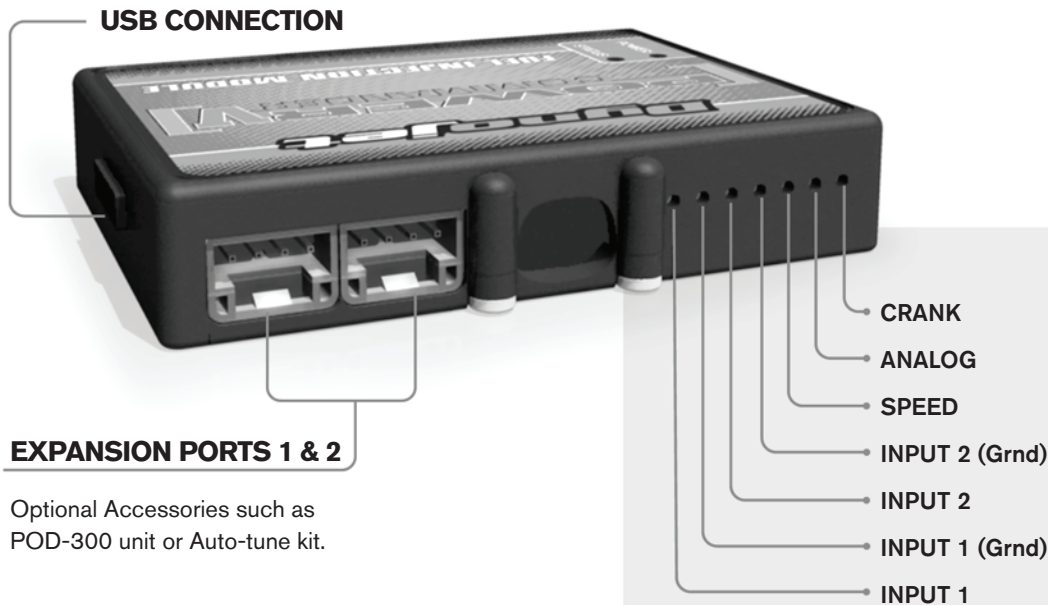
THE LATEST POWER COMMANDER
SOFTWARE AND MAP FILES CAN BE
DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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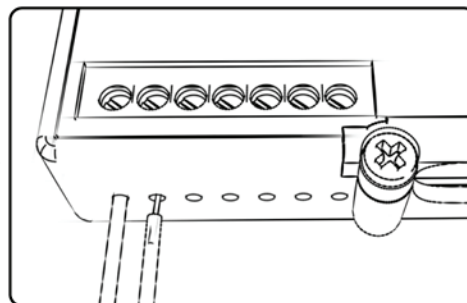
POWER COMMANDER V INPUT ACCESSORY GUIDE



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 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-

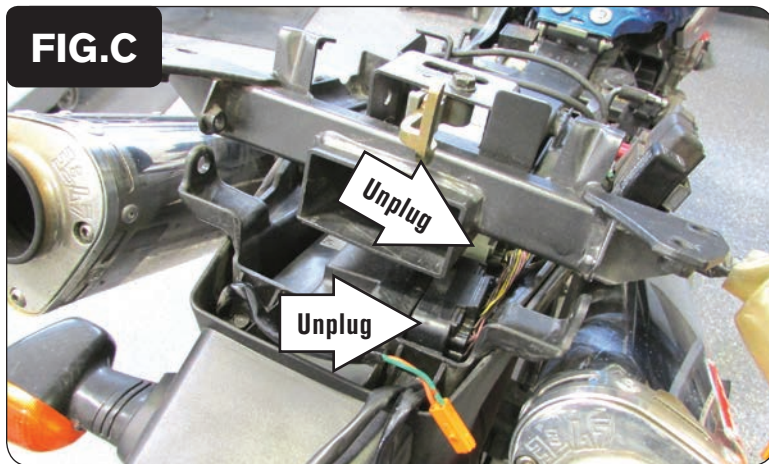
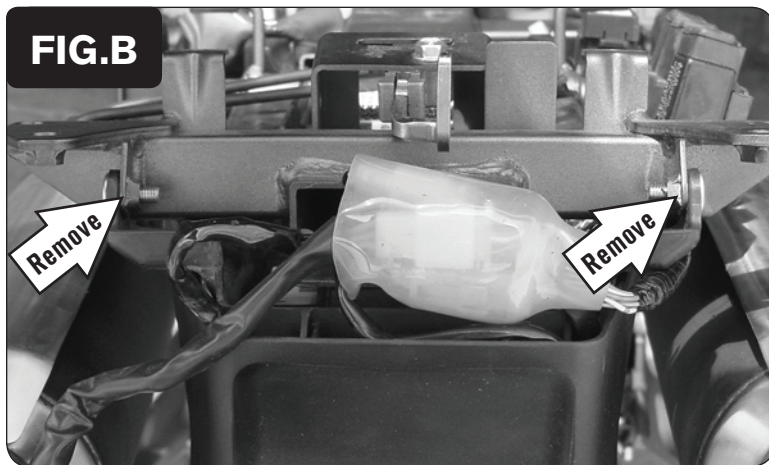
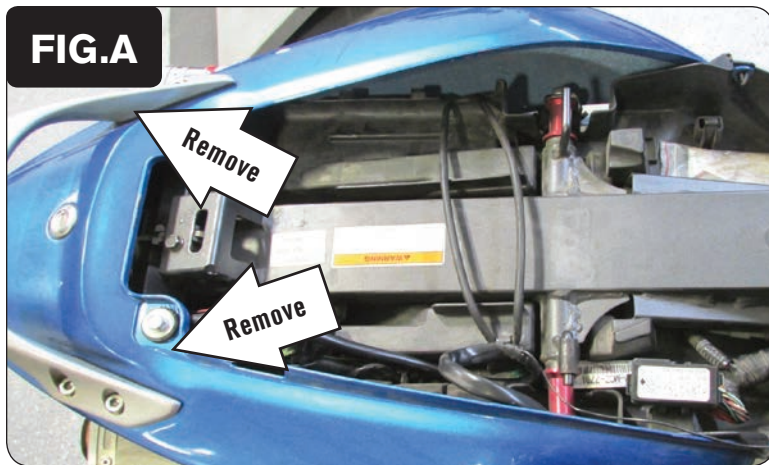
If your application has a speed sensor then you can tap into the signal side of the sensor and run a wire into this input. This will allow you to calculate gear position in the Control Center Software. Once gear position is setup you can alter your map based on gear position and setup gear dependent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

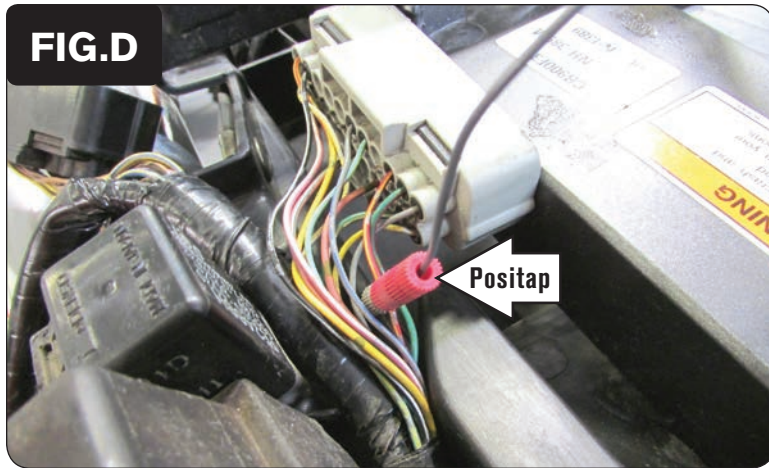


- 1 Remove the seat.
- 2 Remove the grab rail and the bodywork around the tail section (Fig. A).
- 3 Unplug the tail light connector, the two rear turn signal connectors, and the tag light connector.

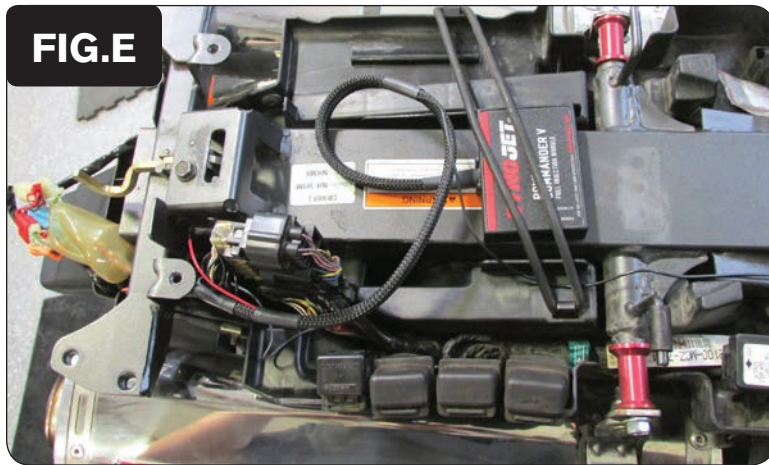
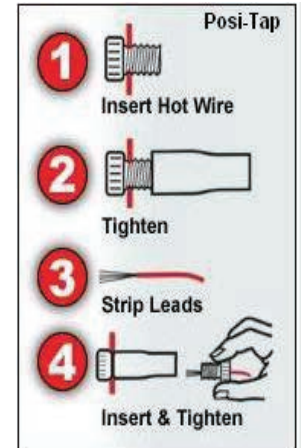
- 4 Remove the two bolts that hold the inner fender to the rear most part of the frame (Fig. B).

This should give enough room to access the ECM.

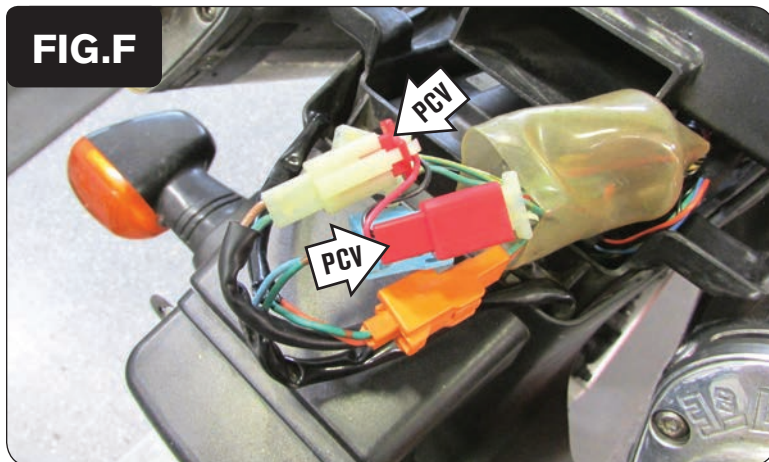
- 5 Unplug the ECM (Fig. C).



- 6 Use one of the supplied Positaps to attach the PCV GREY wire to the stock RED/YELLOW wire (pin #9) of the stock GREY ECM connector (Fig. D).



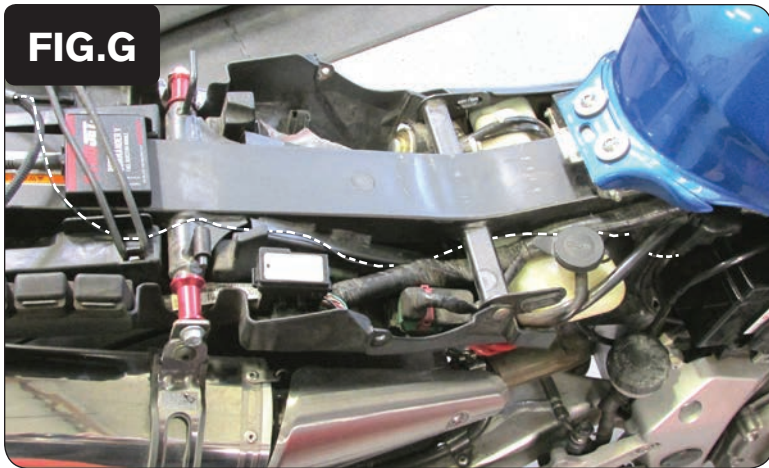
- 7 Plug the stock GREY connector back on to the ECM. Plug the two large PCV connectors in-line of the ECM and the stock BLACK ECM connector. Store the extra pair of connectors in the tail section to the right of the frame (Fig. E).



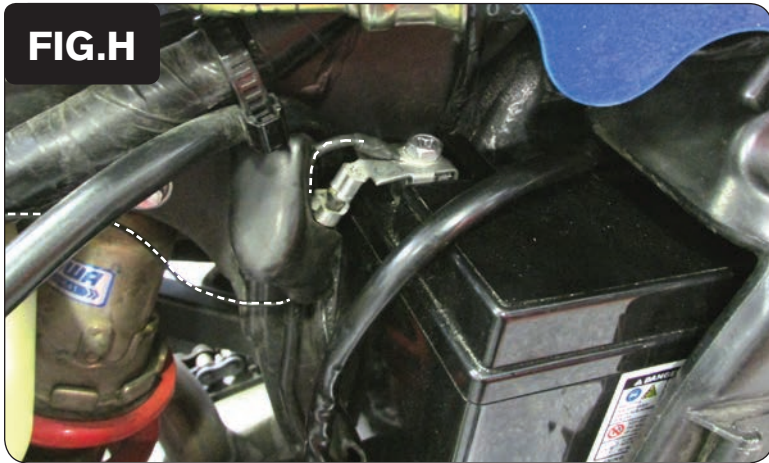
- 8 Route the pair of 2-pin PCV connectors into the tail light connector bundle. Plug the PCV connectors in-line with stock tag light connectors in that bundle (Fig. F).

NOTE: On European models the tag light circuit can be toggled on/off during operation by the rider. So if installing on a European model the second Positap should be used to make an alternate power connection. Cut the pair of 2-pin connectors off of the PCV RED wire. Use the second Positap to attach the PCV RED wire directly to the stock BLACK/WHITE wire of the stock GREY ECM connector instead.

- 9 Re-connect the rear turn signal connectors. Store all connectors back into the stock rubber cover.



- 10 Route the PCV ground wire to the bike's battery (Fig. G).



- 11 Secure the PCV ground wire with the small ring lug to the negative (-) post of the bike's battery (Fig. H).



- 12 Reinstall the bodywork of the tail section and the grab rail. Plug the tail light connector back in.
- 13 Secure the PCV module in the tail section (Fig. J).

The supplied Velcro can be used to secure the module if desired. Clean surfaces with the alcohol swab before attaching the Velcro.

- 14 Reinstall the seat.