POWER COMMANDER 6

Installation Guide for: PC6-16045

Model Coverage: 2000-2006 Honda RC-51

PARTS LIST

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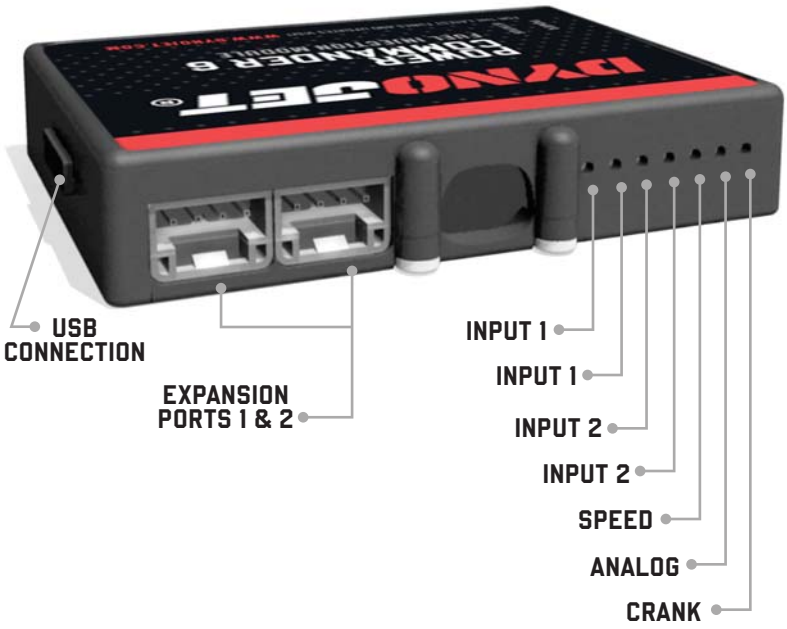
1 INSTALLATION GUIDE	2 VELCRO STRIPS
1 USB CABLE	1 ALCOHOL SWAB
2 DYNOJET DECALS	

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.

IPC6-16045.01

INPUT ACCESSORY GUIDE



OPTIONAL ACCESSORY INPUTS

Map (Input 1 or 2) The PC6 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.

Shifter (Input 1 or 2) Used for clutch-less full throttle upshifts. Insert the wires from the Dynojet quick shifter into either Input 1 or Input 2. The polarity of the wires is not important. Set to 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 quick shifter.

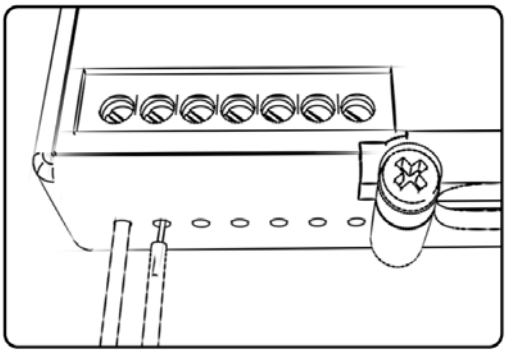
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

Launch You can connect a wire to either Input 1 or Input 2 and then the other end to a switch. This switch when engaged (continuity) will only allow the RPM to be raised to a certain limit (set in the software). When released, you will have full RPM.

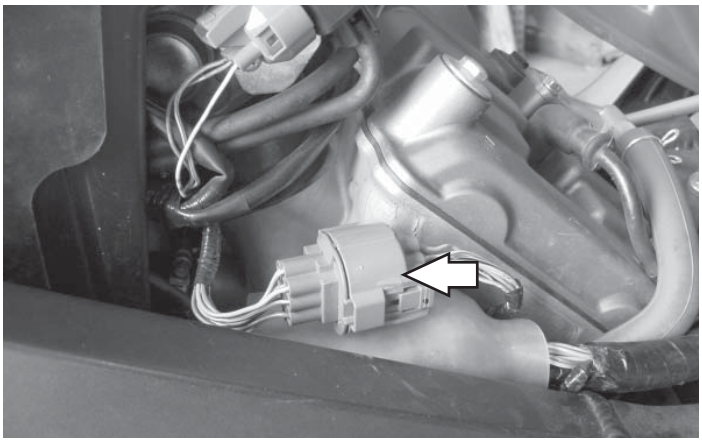
WIRE CONNECTIONS

To input wires into the PC6 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 PC6 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.



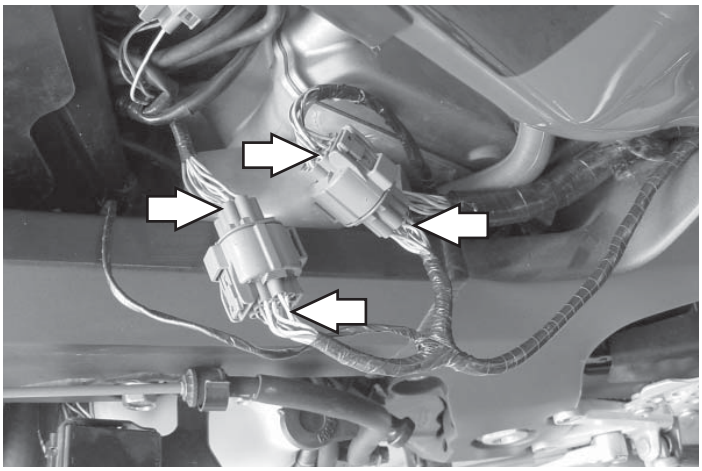
INSTALLING THE POWER COMMANDER 6



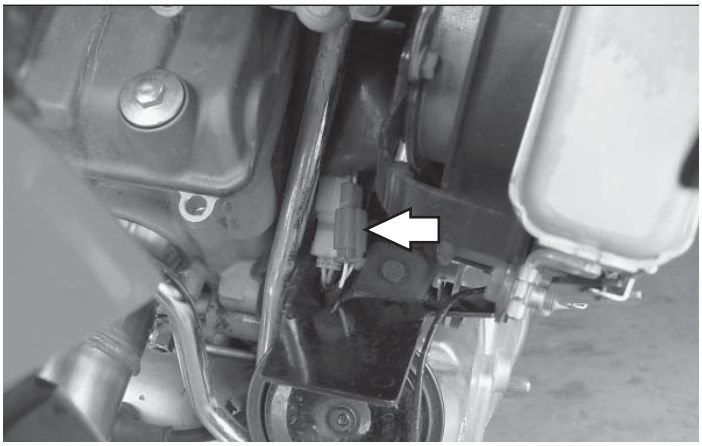
1 Remove the main seat and rear solo seat cover. Remove the left hand side fairing.

2 Prop the front of the fuel tank up.

3 Locate the connector shown. Unplug this connector. This connector is located on the left hand side of the bike.



4 Plug the GREY connectors from the PC6 in-line of the stock connectors.



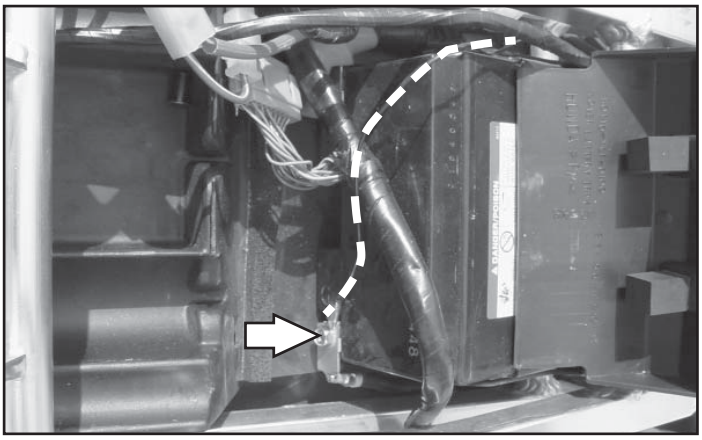
5 Route the pair of 2-pin PC6 connectors inside the frame and towards the front of the engine. Keep the wires between the front cylinder and the radiator.

6 Locate and unplug the stock Crank Position Sensor connectors.

This stock connector pair can be found inside of a BLACK rubber boot directly above the bike's horn.

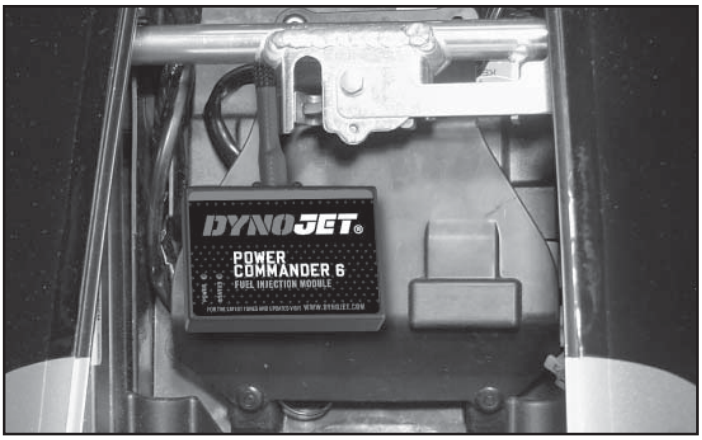
7 Plug the pair of 2-pin PC6 connectors in-line of the stock Crank Position Sensor connectors.

8 Attach the ground wire from the PC6 to the negative side of the battery.



9 With the supplied self adhesive Velcro, attach the PC6 towards the rear most area of the inner fender.

Use the supplied alcohol swab to clean both surfaces before attaching the Velcro.



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PUSH THE LIMIT

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