POWER COMMANDER 6

Install guide for: PC6-16068

Model coverage: 2017-2019 Honda CBR1000RR

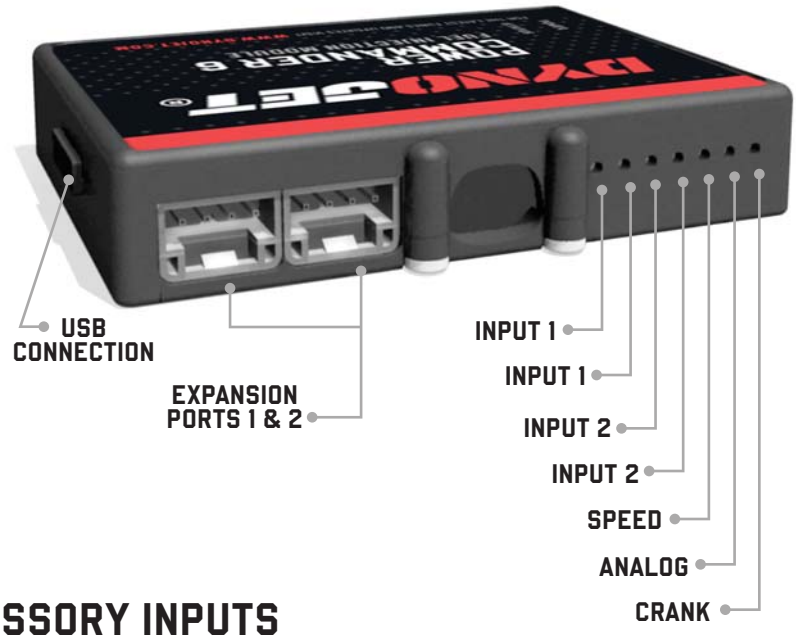
PARTS LIST

1	POWER COMMANDER 6	2	POWER COMMANDER DECALS
1	INSTALLATION GUIDE	2	VELCRO STRIPS
1	USB CABLE	1	ALCOHOL SWAB
2	DYNOJET DECALS	1	POSI TAP

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

IPC6-16083.01

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 quickshifter. .

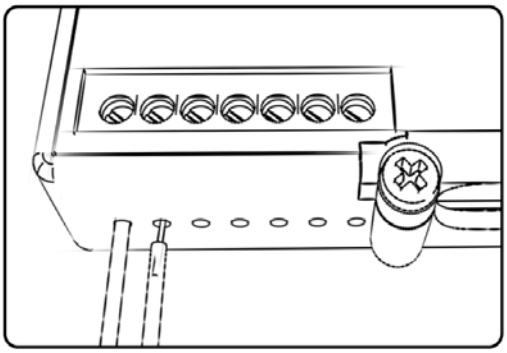
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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 the passenger seat.

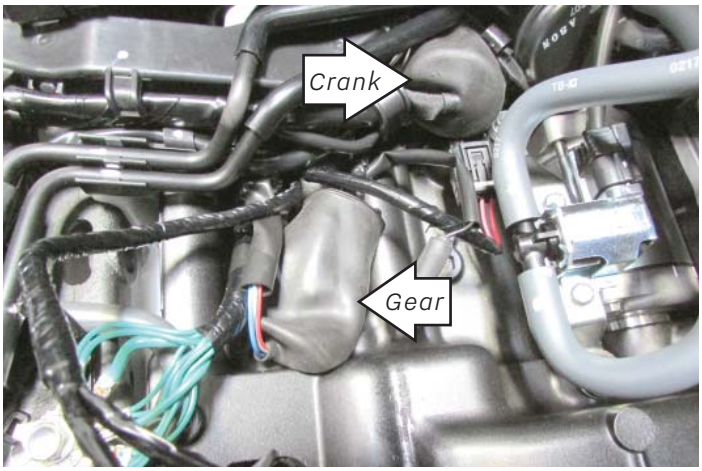
2 Remove the fuel tank cover.

3 Remove the fuel tank. Remove all of the padding and rubber around the air box and behind it.

4 Mount the PC6 in the tail section using the supplied Velcro.

Make sure to clean both surfaces with the alcohol swab before attaching.

5 Route the PC6 harness down the right side of the bike.

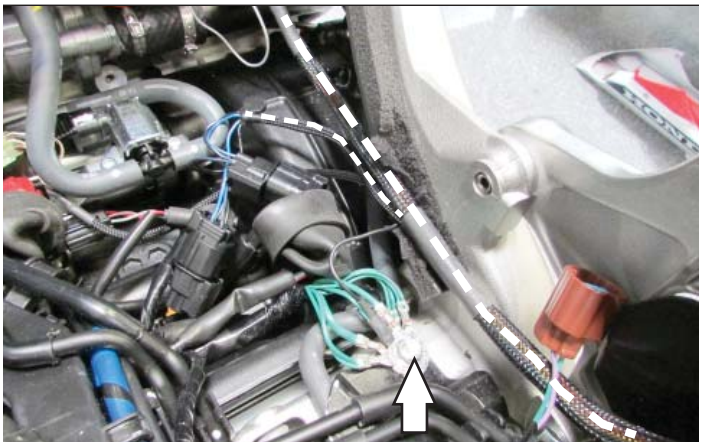


6 Expose and unplug the stock Gear Position Sensor connectors and the stock Crank Position Sensor connectors.

They are inside rubber boots above the gear box.

The Gear connectors are BLACK and have 4 pins.

The Crank connectors are RED and have 2 pins.



7 Plug the PC6 wiring harness in-line of the stock Gear Position Sensor connectors.

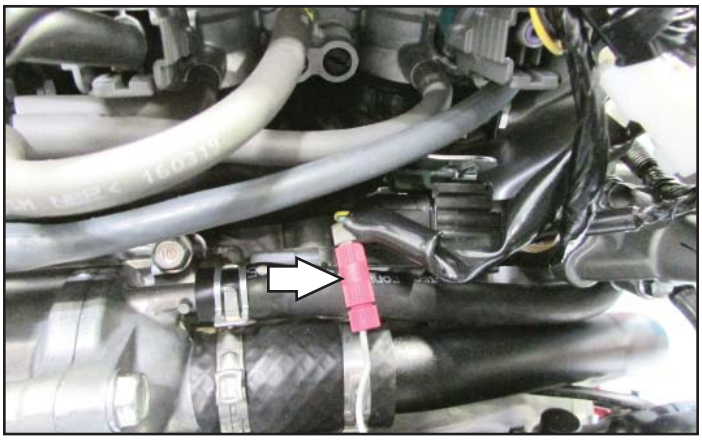
8 Secure the PC6 ground wire with the small ring terminal to the stock common ground bolt on the right side of the frame.

9 Plug the PC6 wiring harness in-line of the stock Crank Position Sensor connectors.

10 Store the Crank and Gear connectors back inside the stock rubber boots.

11 Use the supplied Posi-tap to attach the PC6 GREY wire to the stock BLACK wire of the Throttle Position Sensor.

This wire can be found on a BLACK 4-pin connector directly below the #4 Lower Primary Fuel Injector.



12 Unplug all four of the Lower Primary Fuel Injectors.

These are the fuel injectors found below the air box at the back of each throttle body.

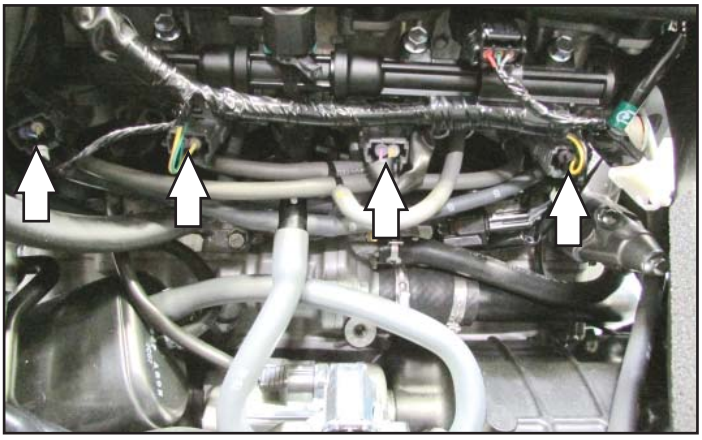
13 Plug the PC6 wiring harness in-line of each Lower Primary Fuel Injector and the stock wiring harness (Fig. G).

ORANGE - #1 cylinder

YELLOW - #2 cylinder

GREEN - #3 cylinder

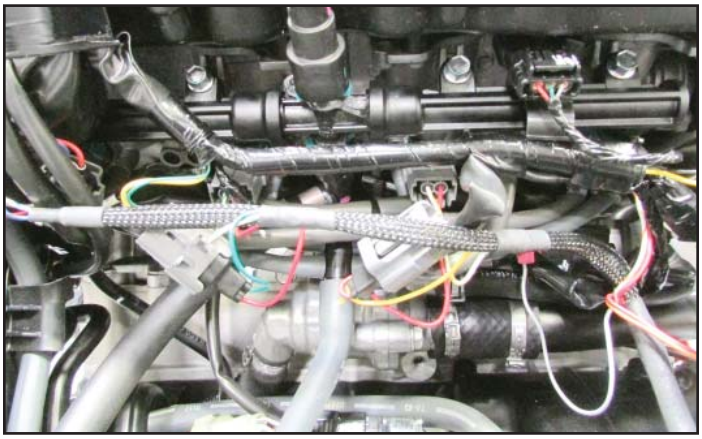
BLUE - #4 cylinder



14 Reinstall the padding and rubber around the airbox, the fuel tank, the bodywork, and the seats.

Make sure the tank does not pinch the PC6 wiring harness.

Download the latest map files from our web site at dynojet.com/tunes.



Optional Inputs:
Speed - PINK/GREEN wire of VSS - The sensor is located on top of engine cases near starter.
Engine Temperature - BLUE/YELLOW wire in the thermostat housing rear of the cylinder block.

PUSH THE LIMIT

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