POWER COMMANDER 6

Installation Guide for: PC6-16048

Model Coverage: 2002-2003 Honda CBR954RR

PARTS LIST

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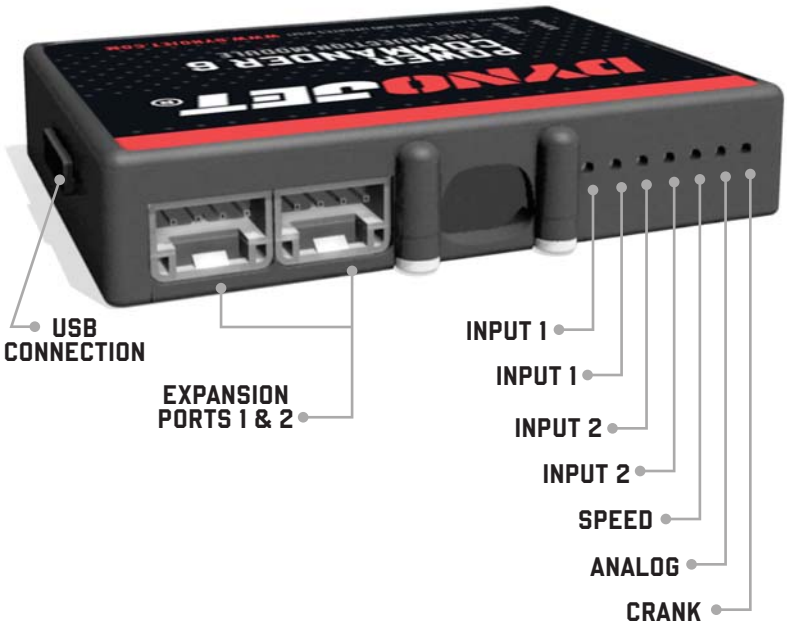
PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.

IPC6-16048.01

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.

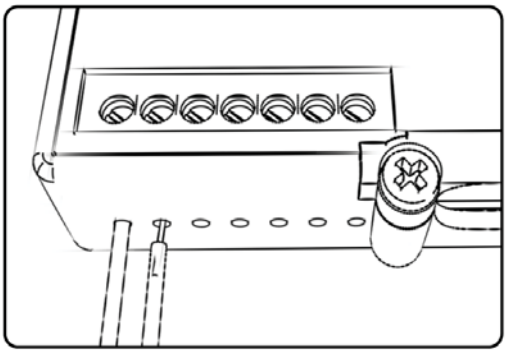
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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.

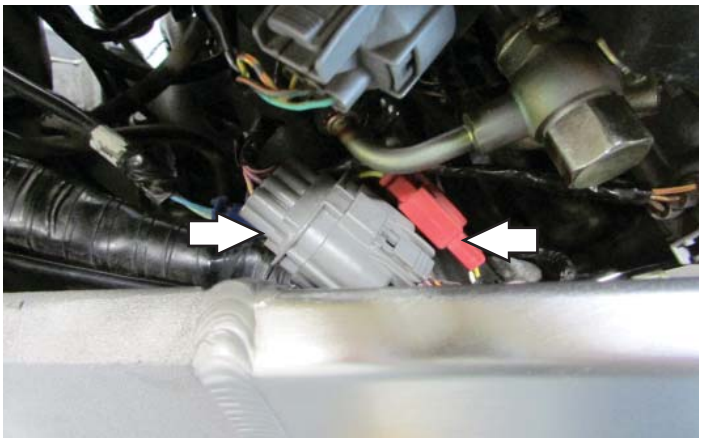
WIRE CONNECTIONS

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 the passenger seat.

2 Remove the fuel tank mounting bolts at the front of the fuel tank and prop the front of the fuel tank up.

The fuel tank does not need to be removed in order to install the PC6. If you choose to remove the fuel tank to aid in the installation, then all fuel will need to be drained from the tank prior to disconnecting the fuel lines.

3 Locate and unplug the fuel injector sub-harness connector and the crank position sensor connector.

The fuel injector sub-harness connector is a GREY 8-pin connector. The Crank Position Sensor connector is a RED 2-pin connector. Both are on the right side of the bike just under the fuel hose fitting on the throttle bodies.

4 Plug the two pairs of connectors of the PC6 wiring harness in-line of the two pairs of stock connectors.

5 Route the PC6 wiring harness under the fuel tank and towards the tail section.

6 Lower the fuel tank making sure not to pinch the PC6 wiring harness and secure the front of the fuel tank with the mounting bolts.

7 Secure the PC6 ground wire with the ring lug to the negative (-) terminal of the bike's battery.

8 Route the PC6 and wiring harness under the rear seat subframe.

9 Use the supplied Velcro to secure the PC6 module in the tail section to the inner fender below the passenger seat.

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.

10 Reinstall the seats.

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

Optional Inputs:

Speed - PINK wire of speed sensor. This can be found on a BLACK 3-pin connector under the fuel tank. This connector has PINK, GREEN, and BLACK wires.

Temperature - PINK/WHITE wire of coolant temperature sensor. This sensor is on the thermostat housing at the rear of the engine. This sensor has PINK/WHITE, GREEN/ORANGE, and GREEN/BLUE wires.

12v Source for Autotune - BROWN/BLUE wire from tail lights.

PUSH THE LIMIT

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