

POWER COMMANDER 6

Install guide for: PC6-16034

Model coverage: 2012-2016 Honda CBR1000RR

PARTS LIST



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| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
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| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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



IPC6-16034.01



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.

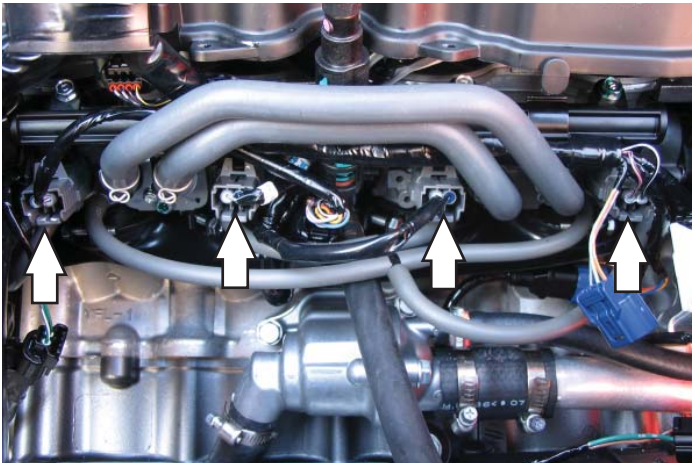


INSTALLING THE POWER COMMANDER 6



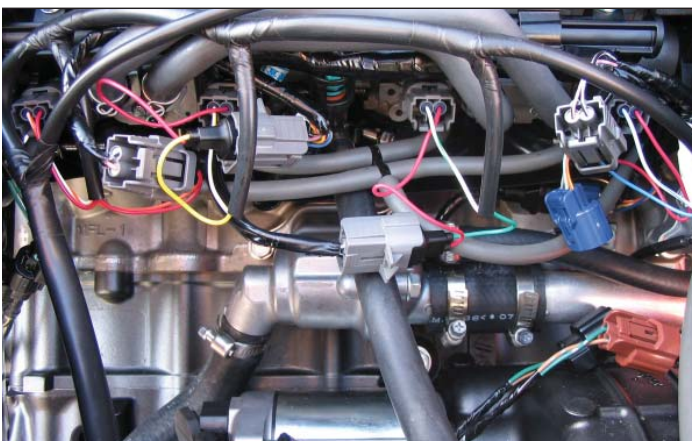
- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank cover.
- 3 Lift the fuel tank up or remove.
- 4 Using the supplied Velcro, mount the PC6 in the tail section.

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro adhesive.
- 5 Route the PC6 harness down the left side of the bike.



- 6 Unplug the stock wiring harness from each injector.

The lower injectors are located on the throttle bodies.



- 7 Connect the PC6 in-line of the stock wiring harness and injectors.

Plug the PC6 connectors with **ORANGE** colored wires in-line of the #1 (left most) fuel injector and stock wiring harness.

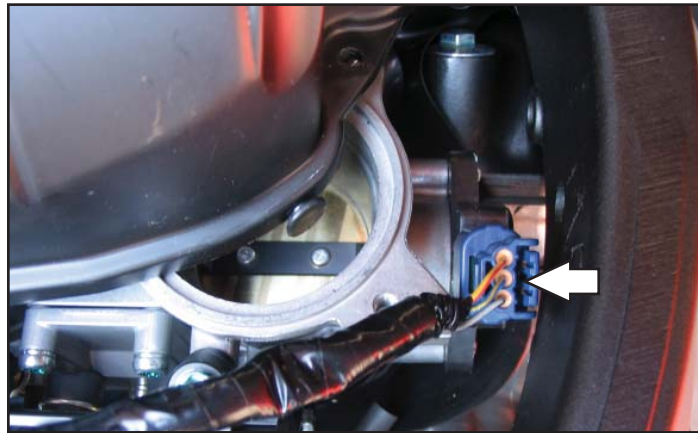
Plug the PC6 connectors with **YELLOW** colored wires in-line of the #2 fuel injector and stock wiring harness.

Plug the PC6 connectors with **GREEN** colored wires in-line of the #3 fuel injector and stock wiring harness.

Plug the PC6 connectors with **BLUE** colored wires in-line of the #4 (right most) fuel injector and stock wiring harness.

- 8 Locate the Throttle Position Sensor on the right side of the throttle bodies. Unplug the stock wiring harness from the TPS.

This is a 3-pin BLUE connector located on the throttle bodies. Figure D is shown with the air box unbolted but this is not necessary. Using a small, flat blade screwdriver push on the release tab and pull upwards on the harness to release.



- 9 Plug the PC6 harness in-line of the stock TPS and wiring harness.

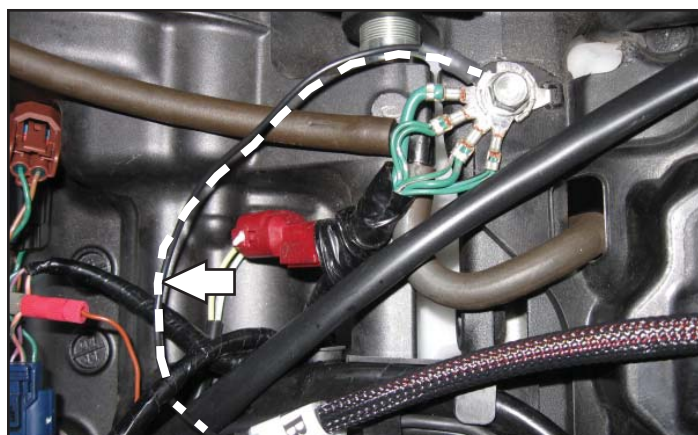
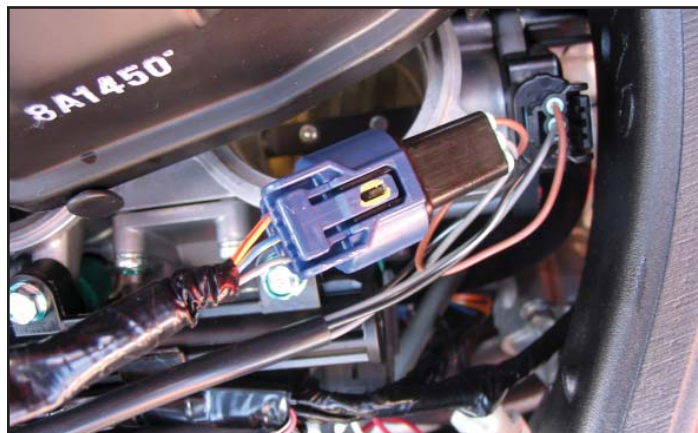
- 10 Attach the ground wire from the PC6 to the stock common ground location underneath the fuel tank.

- 11 Reinstall fuel tank and bodywork.

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

NOTE: This unit comes with map M16-034-001 installed in it for a 2012-2013 model. If you have a 2014-2016 model make sure to load the corresponding map.

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




Optional Inputs:

Speed - PINK/GREEN wire of sensor - sensor is located on top of engine cases near starter. Can also go to the GREY ECU connector.

Engine Temperature - BLUE/YELLOW wire of the GREY ECU connector.

12v Source for Autotune - BROWN/WHITE wire of tail light connector.



**PUSH
THE
LIMIT**

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