

POWER COMMANDER 6

Installation Guide for: PC6-16022

Model Coverage: 2004-2007 Honda CBR1000RR

**POWER
COMMANDER**

PARTS LIST

×

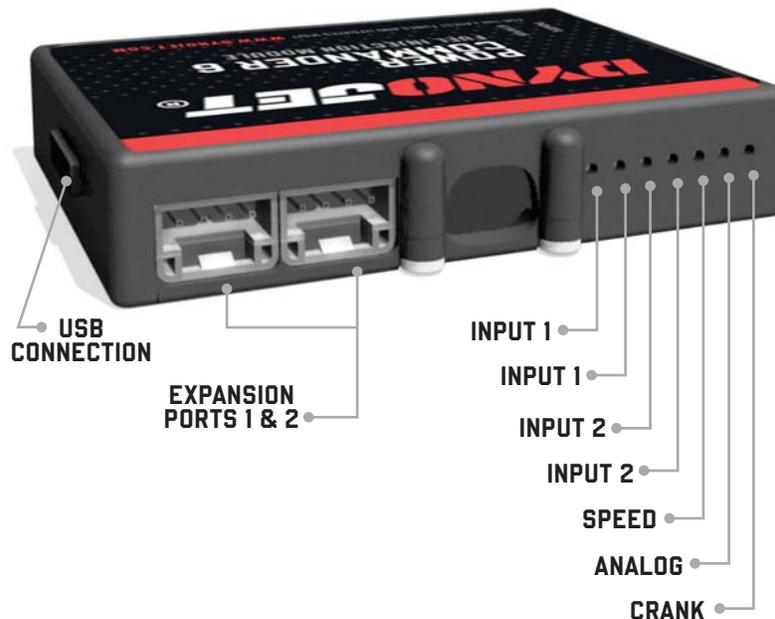
- | | |
|----------------------|--------------------------|
| 1 POWER COMMANDER 6 | 2 POWER COMMANDER DECALS |
| 1 INSTALLATION GUIDE | 2 VELCRO STRIPS |
| 1 USB CABLE | 1 ALCOHOL SWAB |
| 2 DYNOJET DECALS | |

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

×

IPC6-16022.01

INPUT ACCESSORY GUIDE



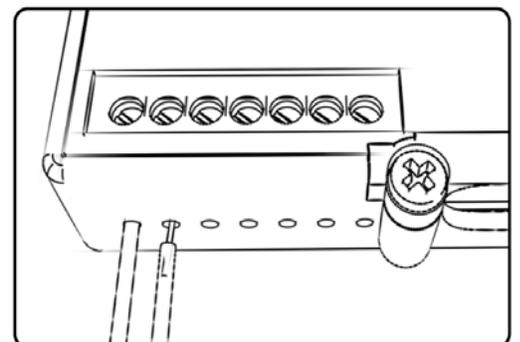
OPTIONAL ACCESSORY INPUTS

- 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.

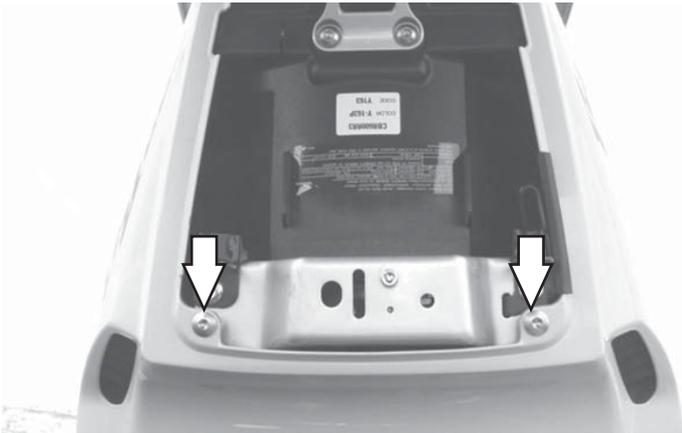
WIRE CONNECTIONS

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



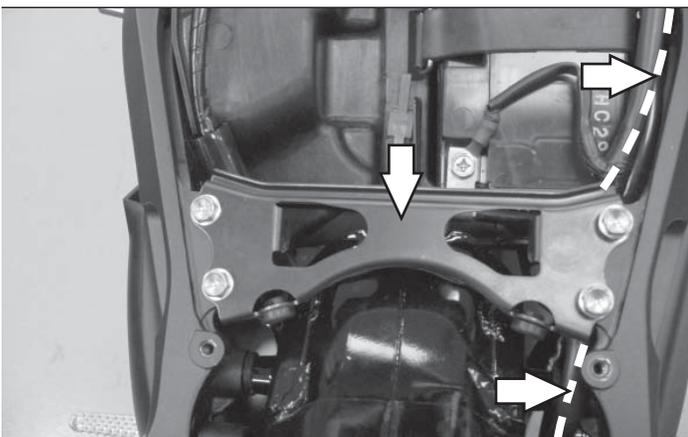
- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank cover.
- 3 Remove the two bolts for the rear tail section as shown.
- 4 Remove the left hand side mid fairing.



- 5 Temporarily lay the PC6 in the tail section.
- 6 Route the harness towards the front of the bike. Keep the harness between the outside of the sub frame and inside the tail section as shown.

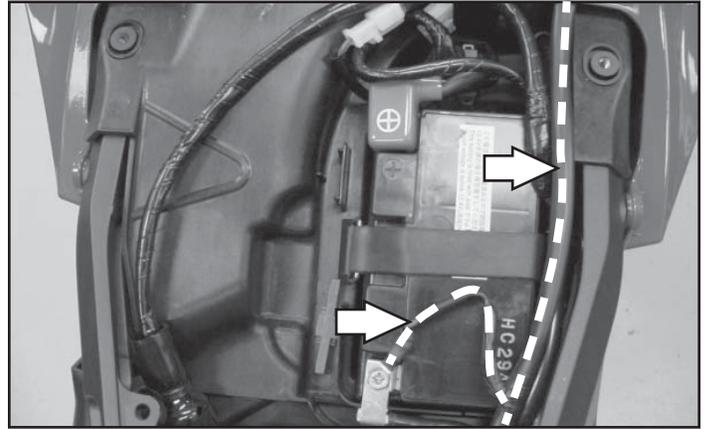
Gently pull out on the lower left hand side of the tail section to allow room for the harness.

- 7 Route the harness between the battery and the sub frame and go towards the throttle bodies.



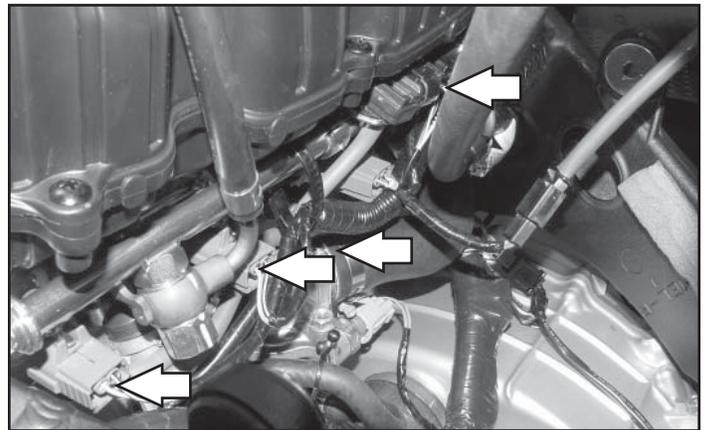
- 8 Remove the fuel tank stop bracket.
- 9 Route the PC6 harness underneath the fuel tank stop bracket.

- 10 Attach the ground wire from the PC6 to the negative side of the battery as shown.
- 11 Reinstall the fuel tank stop bracket.
- 12 Rotate the fuel tank upwards and hold in this position.



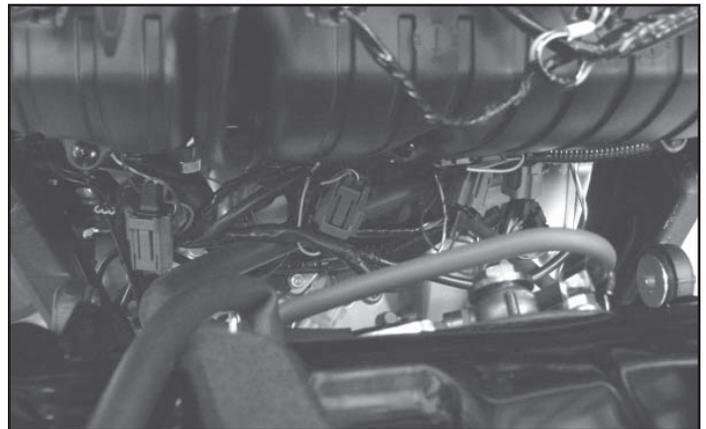
- 13 Unplug the stock wiring harness connectors from the throttle bodies as shown.

Note: This bike has a set of upper and lower injectors. Verify you connect the PC6 harness to the lower set of injectors at the throttle bodies.

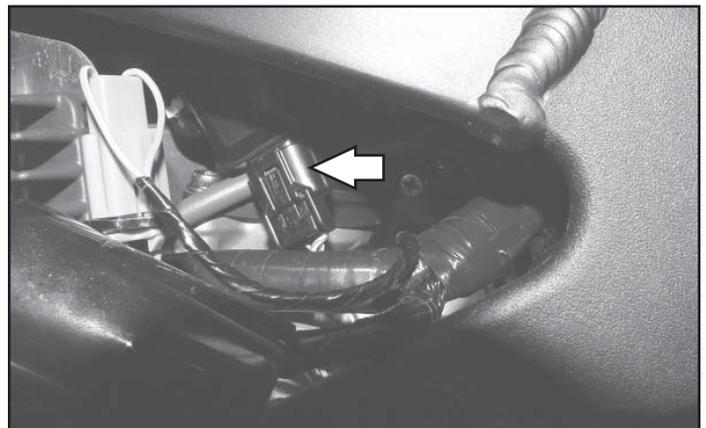


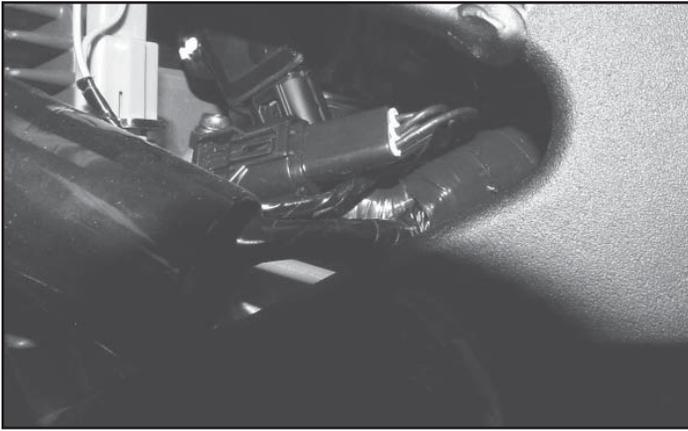
- 14 Attach the connectors from the PC6 wiring harness to the stock wiring harness and throttle bodies.

Connect the pair of PC6 leads with **ORANGE** colored wires to the far left cylinder (cylinder #1) and continue to the right.



- 15 Locate the Throttle Position Sensor (TPS) connector. This connector is located on the left hand side of the throttle bodies as shown.
- 16 Unplug the TPS connector from the throttle bodies.





- 17 Attach the connectors from the PC6 to the throttle bodies and the stock wiring harness.



- 18 Install the PC6 in the tail section. Lower the fuel tank.
- 19 Reinstall the left hand side mid fairing.
- 20 Reinstall the bolts removed in the tail section.
- 21 Reinstall the fuel tank cover.
- 22 Reinstall the main seat and the passenger seat.

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



PUSH THE LIMIT

2191 MENDENHALL DRIVE, NORTH LAS VEGAS, NV 89081 - 800-992-4993 - DYNOJET.COM

© 2004-2022 DYNOJET RESEARCH ALL RIGHTS RESERVED