POWER COMMANDER 6

Installation Guide for: PC6-25010

Model Coverage:
2011-2013 Can-Am Spyder RT/RTS
2013-2014 Can-Am Spyder RS/ST

PARTS LIST

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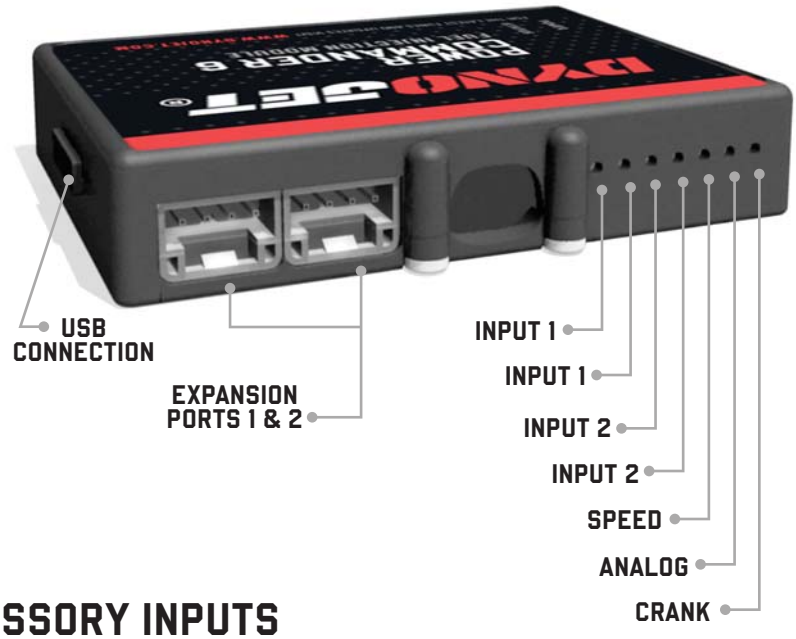
2	DYNOJET DECALS	1	POSI-TAP

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

IPC6-25010.01

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.

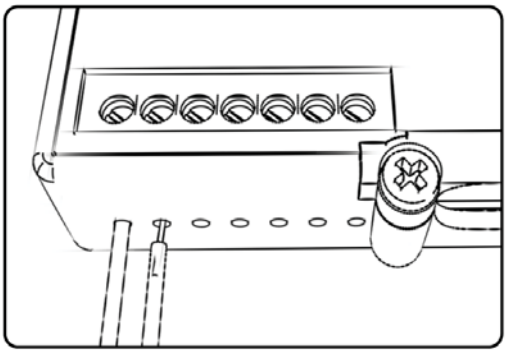
Analog This input is for a 0-5v signal such as engine temp, boost, etc. Once this input is established you can alter your fuel curve based on this input in the Power Core software.

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 Open the seat and the front storage compartments.

2 Remove the two covers under the front storage lid.

Remove the push pins.

3 Remove the lower cover by pulling outwards.

4 Remove the mirror by pulling outwards and up.

5 Remove the upper side cover.

The two silver bolts circled do NOT need to be removed. Pull outwards in this area.

6 Remove the inner side cover.

This image is shown with the lower side panel removed. This panel does NOT need to be removed to perform steps 5 & 6.

7 Repeat steps 3 through 6 for the right hand side.

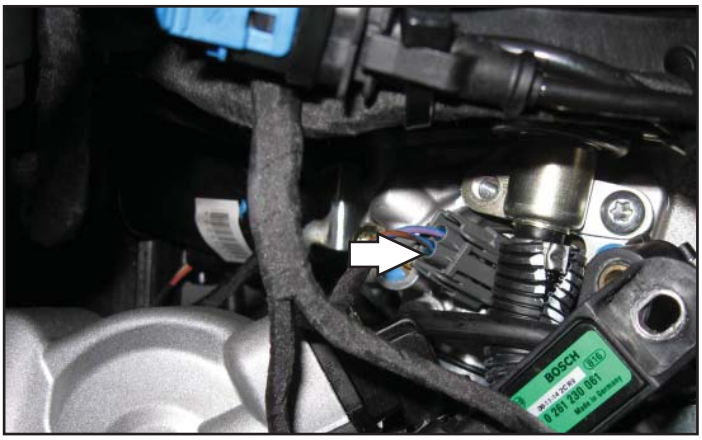
8 Using the supplied Velcro, secure the PC6 unit in place under the seat.

9 Route the PC6 harness down the left side of the vehicle and go towards the throttle bodies.

10 Remove the mounting bolt for the stock MAP sensor on the left side of the throttle bodies.

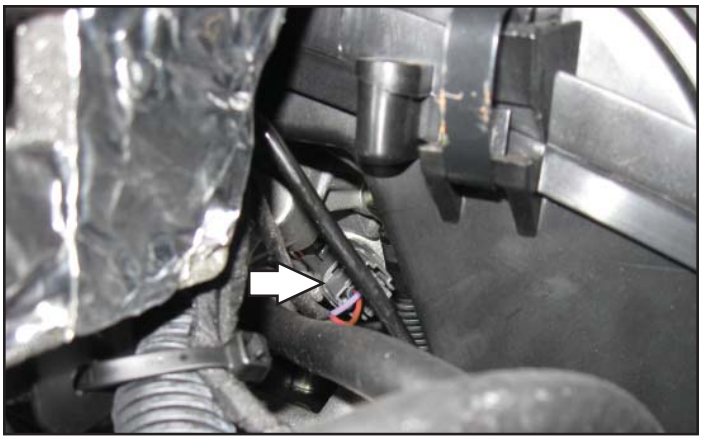
This allows access to the rear fuel injector.

11 Unplug the stock wiring harness from the rear fuel injector.



12 Plug the pair of PC6 leads with YELLOW colored wires in-line of the stock wiring harness and the rear fuel injector.

13 Reinstall the MAP sensor to throttle body.



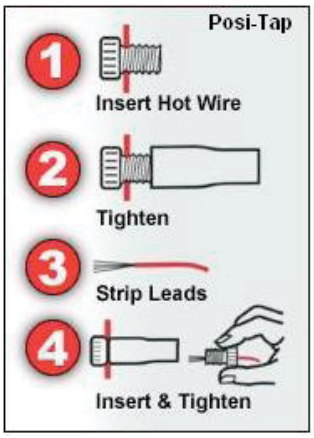
14 Unplug the stock wiring harness from the front fuel injector on the right hand side.

This connection is located to the right rear of the air box.

15 Plug the pair of PC6 leads with ORANGE colored wires in-line of the stock wiring harness and front fuel injector.

16 Locate the Throttle Position Sensor on the left side of the throttle bodies.

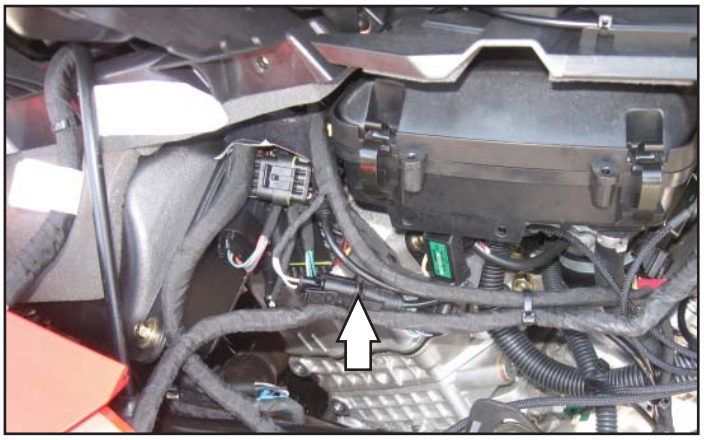
17 Use the supplied Posi-tap to attach the GREY wire of the PC6 to the stock TAN/WHITE wire of the TPS wiring harness.



This image is shown with the TPS harness disconnected from the sensor. Make sure to reconnect the harness to the sensor after attaching the GREY wire to it.

18 Attach the ground wire of the PC6 with the small ring lug to the rear cylinder head on the left side.

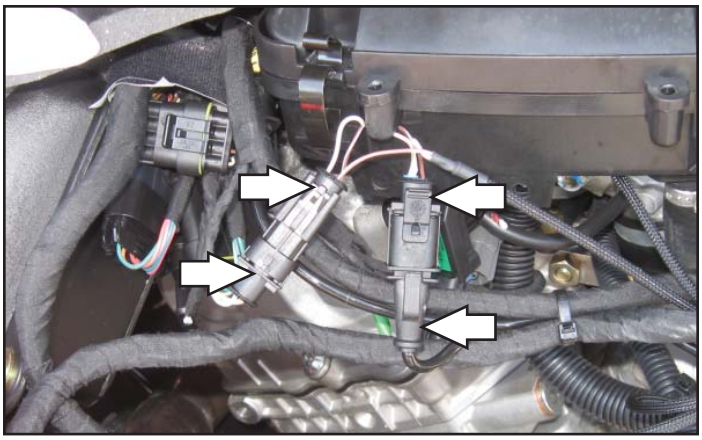
Remove the stock bolt and insert bolt through the eyelet of the PC6 ground wire and reinstall bolt into head.



19 Locate the stock Crank Position Sensor connectors and unplug them.

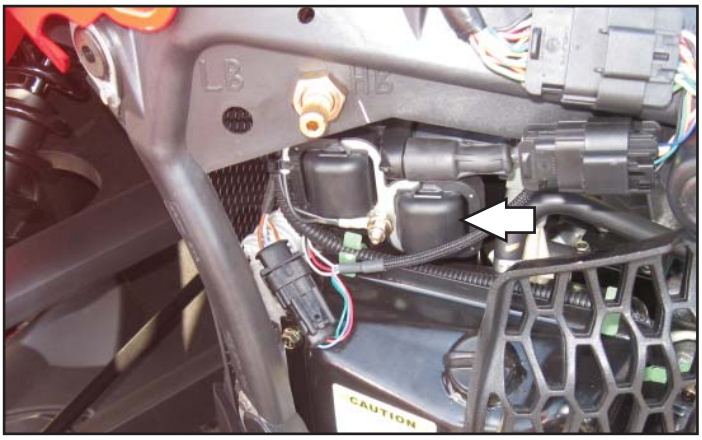
This is a BLACK 2-pin connector pair on the left side of the engine.

20 Plug the mating connectors from the PC6 in-line of the stock Crank Position Sensor connectors



21 Unplug the stock wiring harness from the Ignition Coil and plug the pair of PC6 connectors with GREEN and BLUE colored wires in-line of the Ignition Coil and stock wiring harness.

This connection is located on the left side near the oil tank. The connector is on the front of the coil, squeeze the tab and pull forward to release.



22 Reinstall all of the bodywork.

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

PUSH THE LIMIT

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