

POWER COMMANDER 6

Installation Guide for: PC6-22035

Model coverage:

2014-2022 Yamaha Bolt 950

2017 Yamaha SCR950

PARTS LIST



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| 2 | DYNOJET DECALS | | |

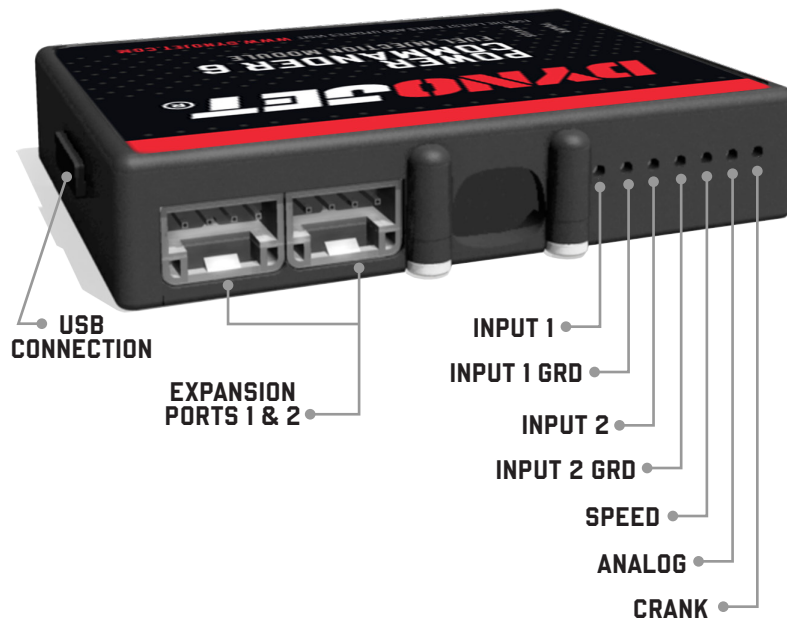
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-22035.01

YAMAHA

INPUT ACCESSORY GUIDE



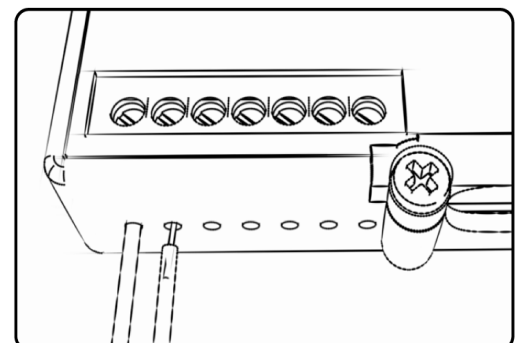
OPTIONAL ACCESSORY INPUTS

- 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** Not needed on Harley applications as the speed signal wire is built into the main wiring harness of the PC6.
- 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.

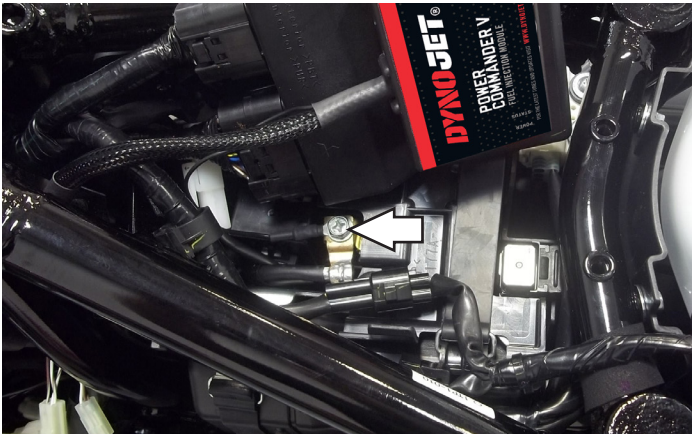
WIRE CONNECTIONS

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



ATTACH TO GROUND

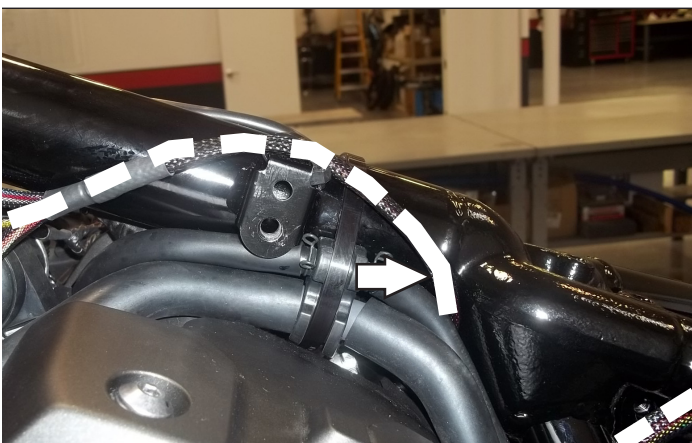
- 1 Remove the seat.
- 2 Remove the fuel tank.
- 3 Remove both side covers beneath the seat.
- 4 Loosen the ECM strap and lift the ECM out of place to access the battery.
- 5 Attach the ground wire of the PC6 to the negative side of the battery.



INSTALL PC6

- 6 Reinstall the ECM back into place.
- 7 Secure the PC6 module to the top of the ECM.

You can secure the PC6 module under the stock ECM strap or use the supplied Velcro to secure the module to the top of the ECM. If using the Velcro, clean the surface with the supplied alcohol swab prior to applying the Velcro.

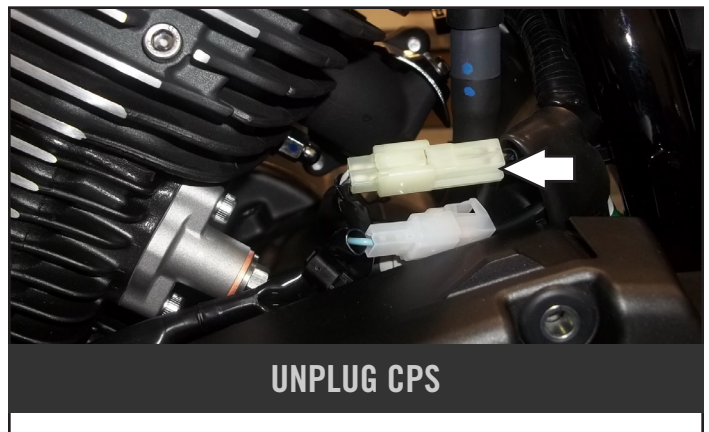


ROUTE PC6 HARNESS

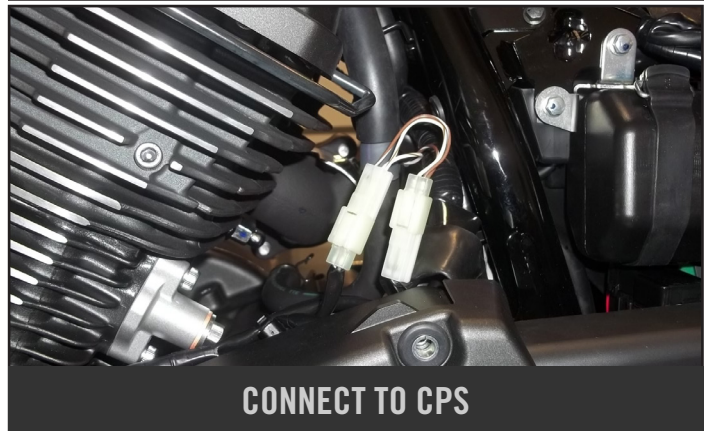
- 8 Route the PC6 harness forward going under the frame tubes directly under the seat, and then upward along the backbone of the frame and towards the engine.

- 9 Locate and unplug the stock Crank Position Sensor connectors.

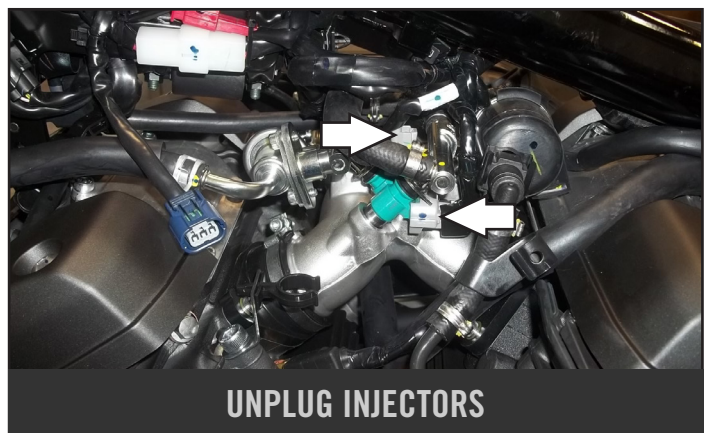
This connector pair is located just above the front sprocket cover.



- 10 Plug the pair of matching PC6 connectors in-line of the stock CPS connectors.



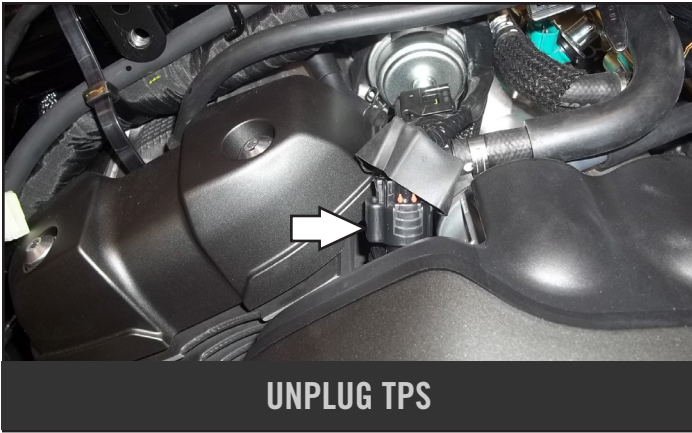
- 11 Locate and unplug the stock wiring harness from the Front and Rear Cylinder Fuel Injectors, located directly on top of the intake manifold.



- 12 Plug the matching pair of PC6 Injector leads with the ORANGE colored wires in-line of the FRONT Cylinder Fuel Injector and stock wiring harness.

- 13 Plug the matching pair of PC6 Injector leads with the YELLOW colored wires in-line of the REAR Cylinder Fuel Injector and stock wiring harness.



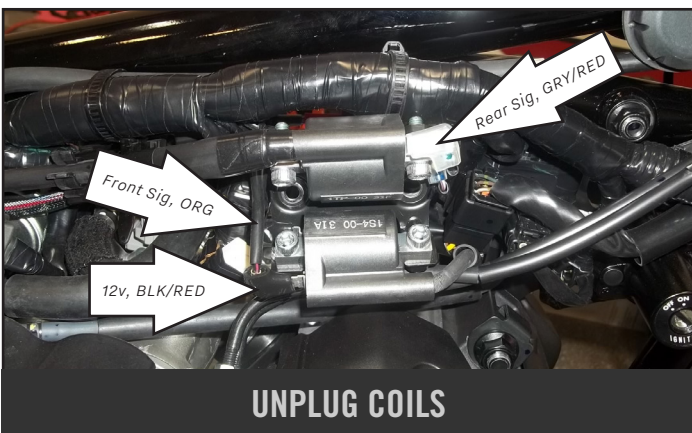


- 14 Locate and unplug the Throttle Position Sensor connector.

This connector is located on the rear of the throttle bodies.



- 15 Plug the matching pair of connectors from the PC6 in-line of the stock wiring harness the bike's TPS.



- 16 Locate and unplug the 12 volt wire (BLACK/RED) from the Front Cylinder Ignition Coil, the signal wire (GREY/RED) from the Rear Cylinder Ignition Coil, and the signal wire (ORANGE) from the Front Cylinder Ignition Coil.

- 17 Plug the pair of RED/WHITE wires with spade terminals of the PC6 in-line of the Front Ignition Coil spade and the stock BLACK/RED wire.

- 18 Plug the pair of BLUE & WHITE/BLUE leads with spade terminals of the PC6 in-line of the Rear Ignition Coil spade and the stock GREY/RED wire.

- 19 Plug the pair of GREEN & WHITE/GREEN leads with spade terminals of the PC6 in-line of the Front Ignition Coil spade and the stock ORANGE wire.



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

Optional inputs:

Speed input location - WHITE/YELLOW wire of vehicle speed sensor rear of the front drive sprocket.

12v source for Autotune - BLUE wire of 3-pin connector for tail light.



PUSH THE LIMIT

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