

POWER COMMANDER 6

Installation Guide for: PC6-22042

Model coverage:
2011-2017 Yamaha Stryker

PARTS LIST

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

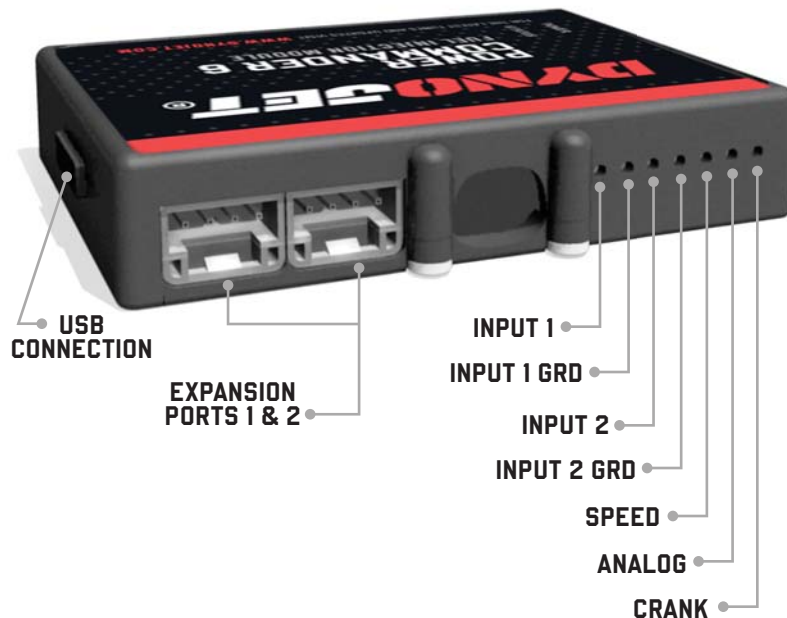
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**

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IPC6-22042.01

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.

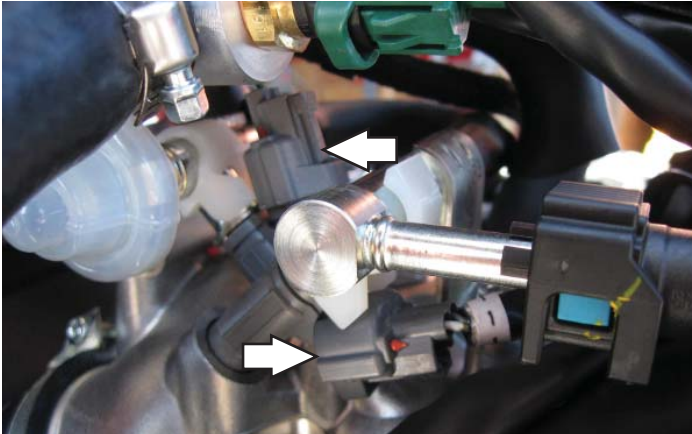
WIRE CONNECTIONS

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



UNPLUG INJECTORS

- 1 Remove the seat and both side covers.
- 2 Remove the fuel tank.
- 3 Lay the PC6 next to the battery and route the PC6 harness along the frame up towards the engine.
- 4 Locate the stock injectors and unplug the stock wiring harness from each injector.



CONNECT TO INJECTORS

- 5 Plug the PC6 in-line of the stock wiring harness and each injector.

PC6 harness:

ORANGE wires go to front cylinder (stock harness is marked #1).

YELLOW wires go to rear cylinder (stock harness is marked #2).

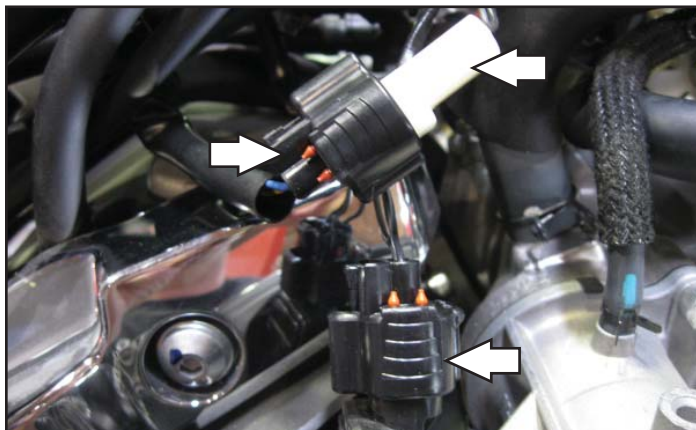


UNPLUG TPS

- 6 Locate the stock Throttle Position Sensor on the right side of the engine to the rear of the throttle body. Unplug the stock wiring harness from the TPS.

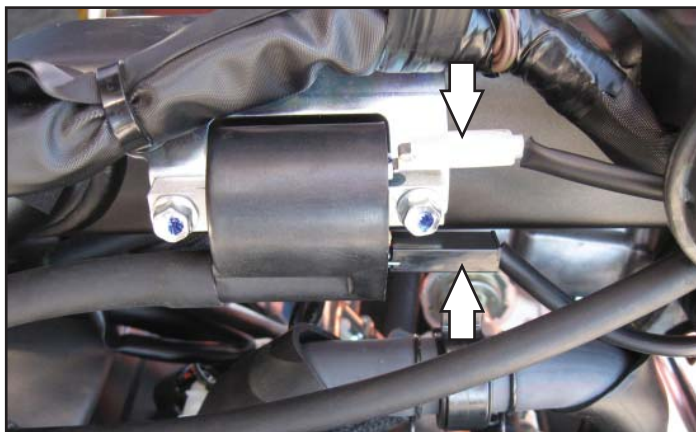
INSTALLING THE POWER COMMANDER 6

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



DISCONNECT TO TPS

- 8 Locate the Ignition coil for the rear cylinder on the right side of the frame.



UNPLUG FROM REAR COIL

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

PC6 harness:

BLUE wires connect to the stock WHITE connector.

RED wires connect to the stock BLACK connector.



CONNECT TO COIL

INSTALLING THE POWER COMMANDER 6



UNPLUG FROM FRT COIL

- 10 Locate the Ignition coil for the front cylinder on the left side of the frame.



CONNECT TO COIL

- 11 Plug the PC6 harness in-line of the stock wiring harness and coil.

PC6 harness:

GREEN wires connect to the stock WHITE connector.



UNPLUG CPS

- 12 Locate the stock Crank Pickup Coil sensor under the left hand side cover. Unplug this connection.

This is a CLEAR 2 pin connector.

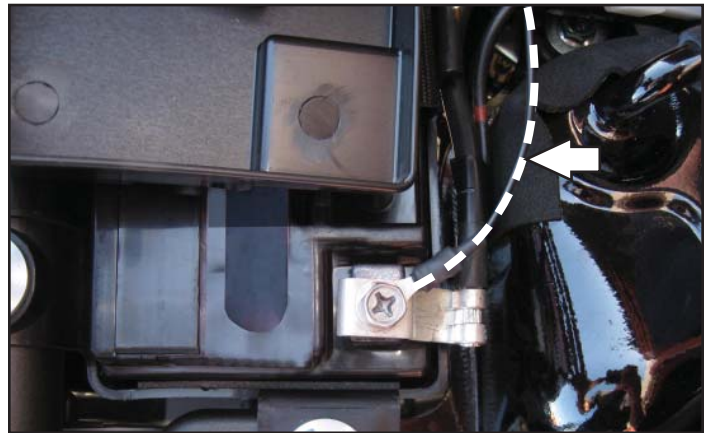
INSTALLING THE POWER COMMANDER 6

- 13 Plug the PC6 harness in-line of the stock crank sensor and wiring harness.



CONNECT TO CPS

- 14 Attach the ground wire of the PC6 to the negative side of the battery.



ATTACH TO GROUND

- 15 Using the supplied Velcro, secure the PC6 to the tray on top of the battery.

Make sure to clean the surface with the alcohol swab before attaching the Velcro.

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



INSTALL PC6



PUSH THE LIMIT

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