

POWER COMMANDER 6

Installation Guide for: PC6-22055

Model Coverage: 2012-2015 Yamaha T-Max 530

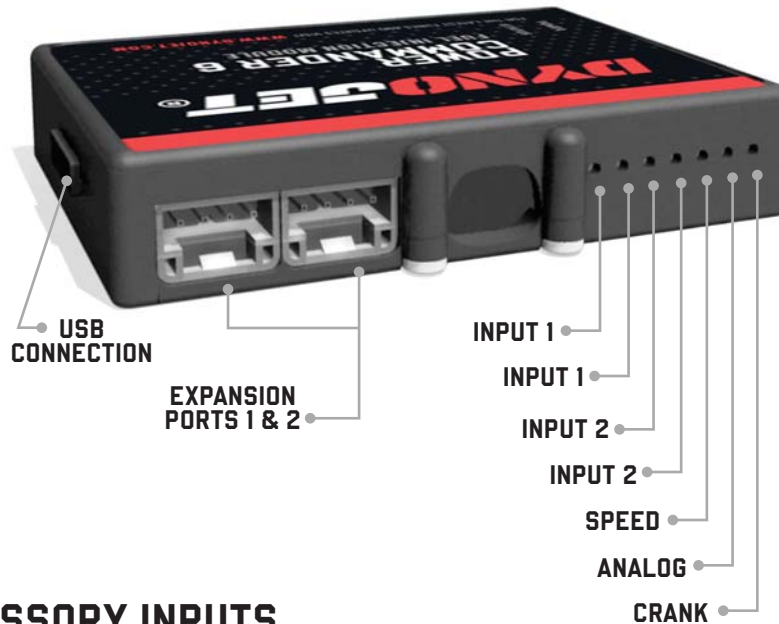
PARTS LIST

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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.**



INPUT ACCESSORY GUIDE



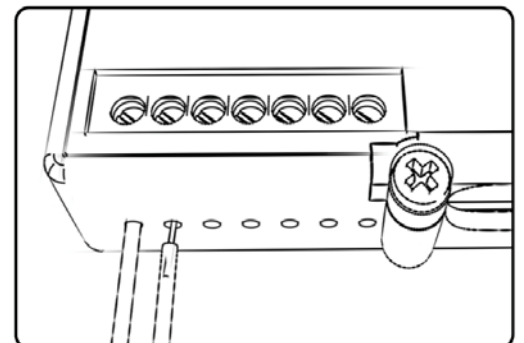
OPTIONAL ACCESSORY INPUTS

- 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.

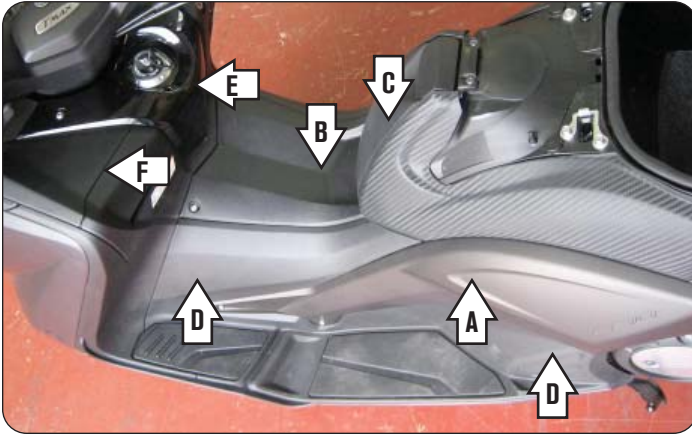
WIRE CONNECTIONS

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.

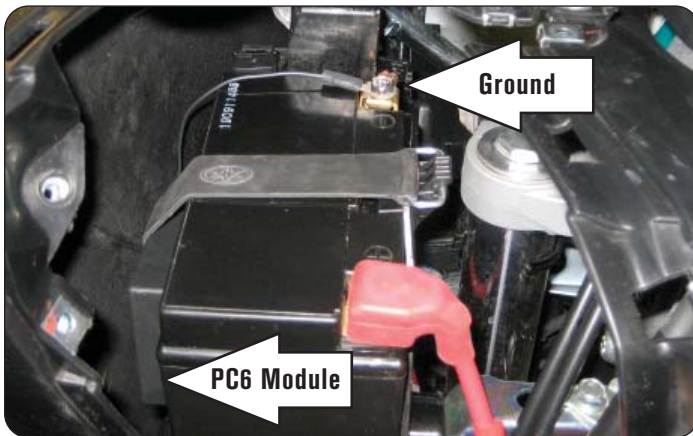
NOTE: If you tin the wires with solder it will make inserting them easier.



INSTALLING THE POWER COMMANDER 6



- 1 Lift up the seat.
- 2 Remove bodywork panels shown.
 - Side panels (A) on both left and right side
 - Central tunnel cover (B)
 - Fuel tank cover (C)
 - Rubber footrest and central tunnel side covers (D) on both left and right side
 - Ignition key cover (E)
 - Left storage compartment and battery cover (F)



- 3 Connect the ground wire from PC6 to the negative side of the battery.
- 4 Route the PC6 crank pick-up coil connectors (2-pin clear connectors with WHITE/BROWN and BROWN/WHITE colored wires) down to the front left side of the fairing.
- 5 Secure the PC6 to the left side of the battery using the stock rubber elastic battery strap.



- 6 Locate the clear 2-pin crank pickup coil connector. It is located near the big white 3-pin connector of the regulator/rectifier on the left side of the scooter.

Note: The picture is taken with front screen and faring removed but it is not necessary to remove these parts. It is possible to access the connector from the bottom side of the scooter.

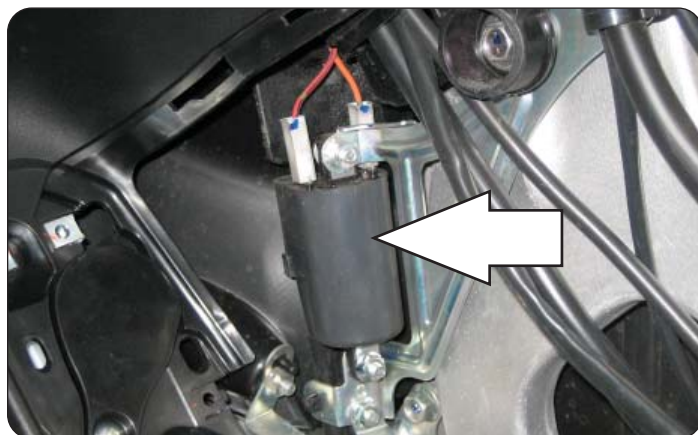
- 7 Plug the PC6 in-line of the stock crank pickup coil connectors.

Note: This picture is taken from the bottom looking upwards at the crank pickup coil connectors.



- 8 Route the PC6 harness down to the left side of the frame and toward the throttle body following the stock harness.

- 9 Locate the ignition coil on the left side of the frame.



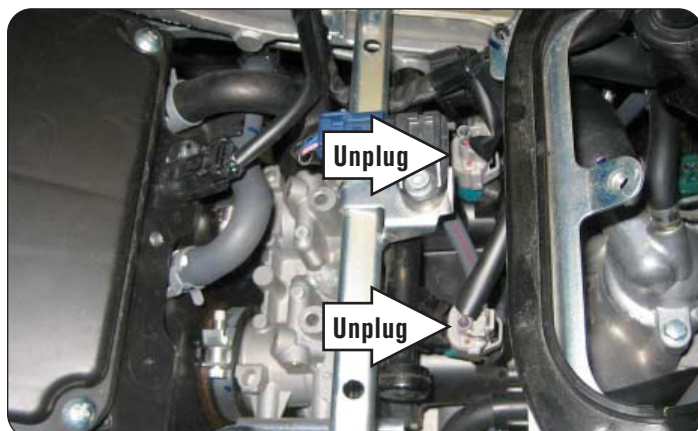
- 10 Unplug the ORANGE wire from the ignition coil and plug the GREEN colored wires from the PC6 in-line of the stock wiring harness and coil.

Unplug the RED/BLACK wire from the ignition coil and plug the RED colored wires from the PC6 in-line of the stock wiring harness and coil.



- 11 Locate the fuel injectors.

Unplug the stock wiring harness from the fuel injectors.

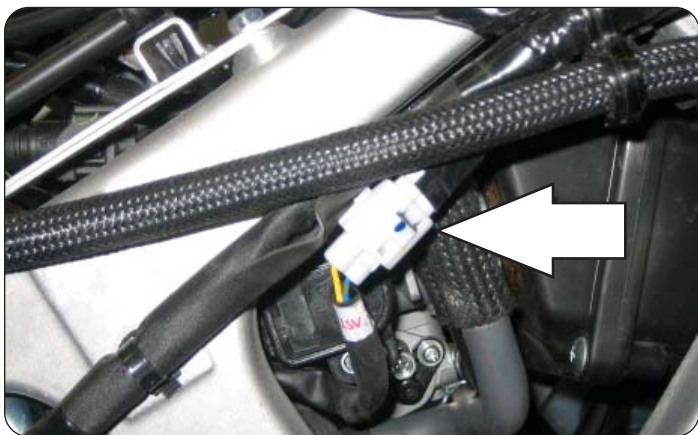




- 12 Plug the PC6 connectors in-line with the fuel injectors and stock wiring harness.

ORANGE PCV colored wires for the cylinder #1

YELLOW PCV colored wires for the cylinder #2



- 13 Locate the 3-pin white sub-connector of the Throttle Position Sensor on the external right side of the frame.



- 14 Plug the PC6 wiring harness in-line of the stock TPS connectors.
- 15 Reinstall all bodywork.

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



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