

POWER COMMANDER 6

Install guide for PC6-10010

Model coverage:

2021-2022 Aprilia RS660

2021-2022 Aprilia Tuono 660

PARTS LIST



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| 2 | DYNOJET DECALS | | |

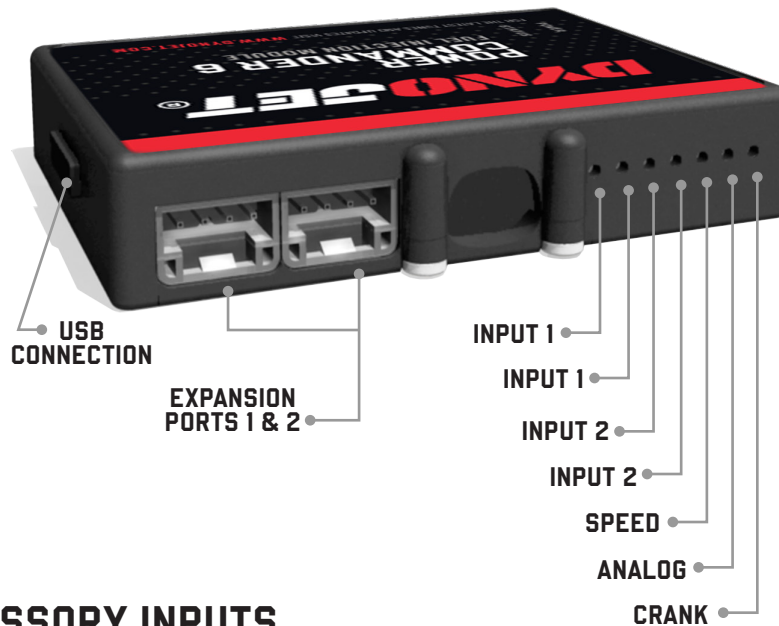
**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION.
THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION.**



IPC6-10010.01



INPUT ACCESSORY GUIDE



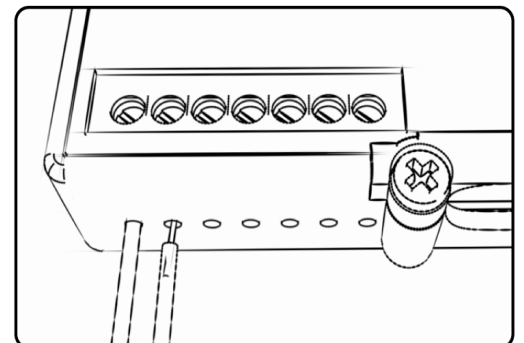
OPTIONAL ACCESSORY INPUTS

- 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.

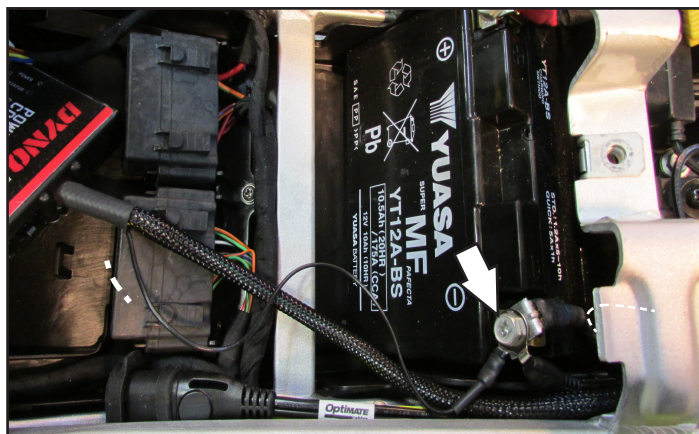
NOTE: If you tin the wires with solder it will make inserting them easier.



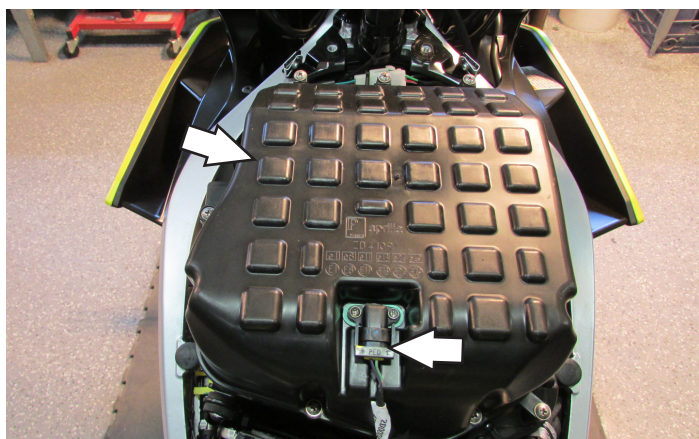
INSTALLING THE POWER COMMANDER 6



- 1 Remove both seats, both side panels, and the bodywork surrounding the fuel tank.
- 2 Remove the fuel tank.
- 3 Remove the tray on top of the battery.



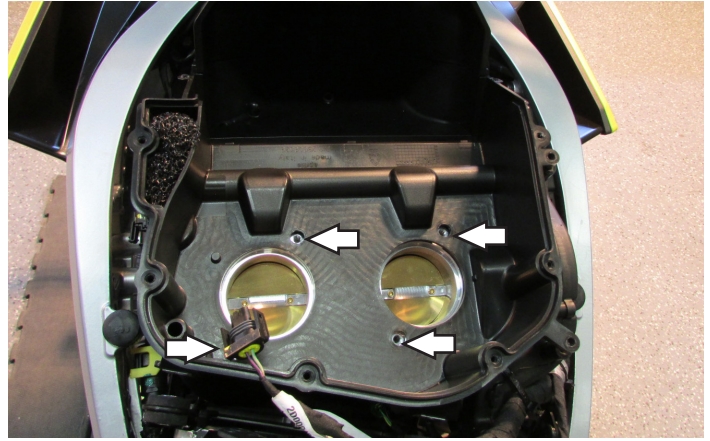
- 4 Lay the PC6 in tail section. Route the PC6 harness down the right side of the frame going towards the throttle bodies.
- 5 Attach the ground wire of the PC6 to the negative (-) side of the battery.



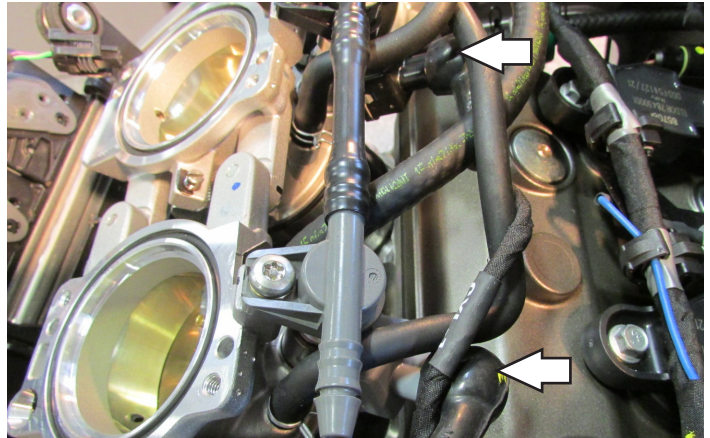
- 6 Remove the stock airbox lid by removing the screws around the perimeter.
Unplug the IAT sensor at the back of the airbox

- 7 Remove the airbox base by removing the 4 bolts around the throttle bodies.

Remove the crankcase breather hose at the front of the airbox base.

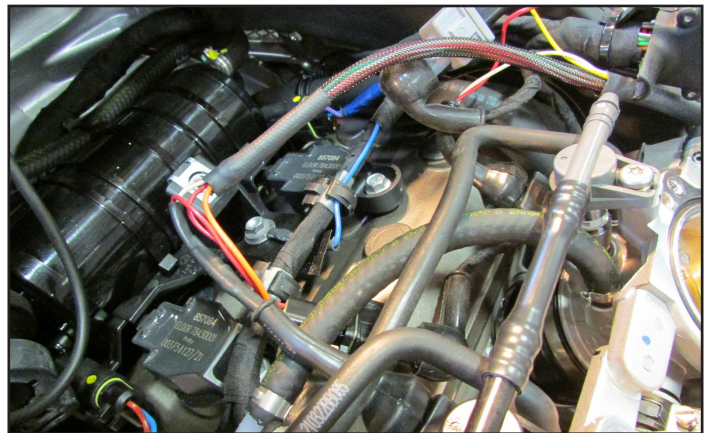


- 8 Unplug the stock wiring harness from each injector.

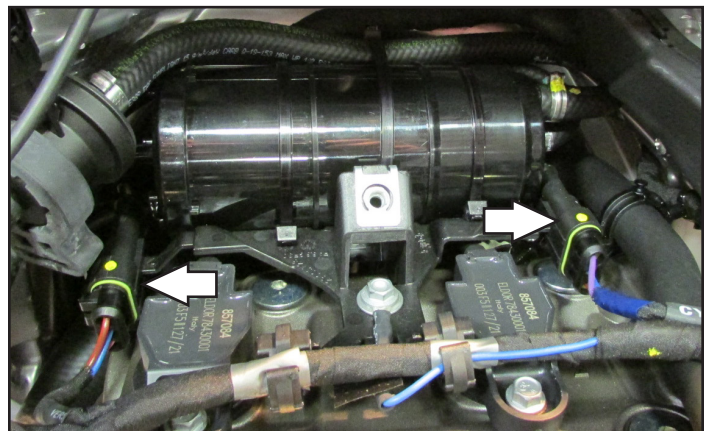


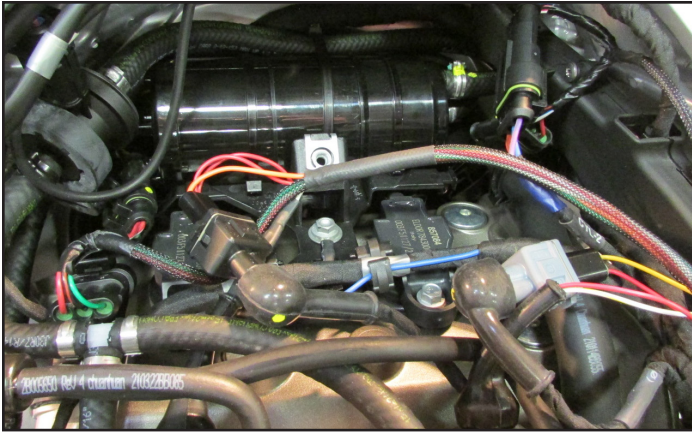
- 9 Plug the PC6 in-line of the stock wiring harness and each injector.

PC6 ORANGE wires go to the #1 cylinder (left) - stock BLACK connector



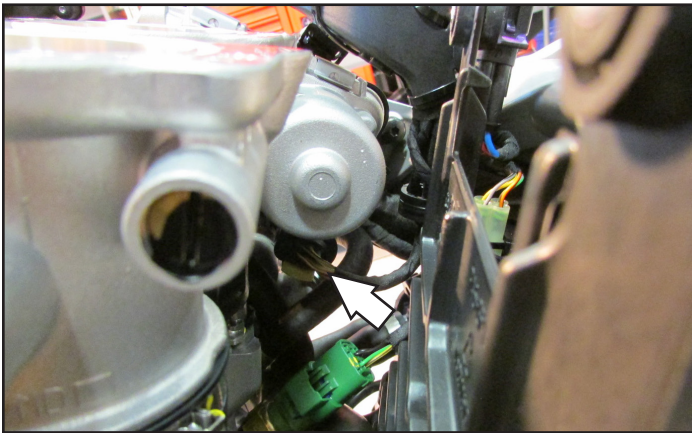
- 10 Unplug the stock wiring harness from each ignition coil.





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

PC6 GREEN wires go to the #1 cylinder (left)

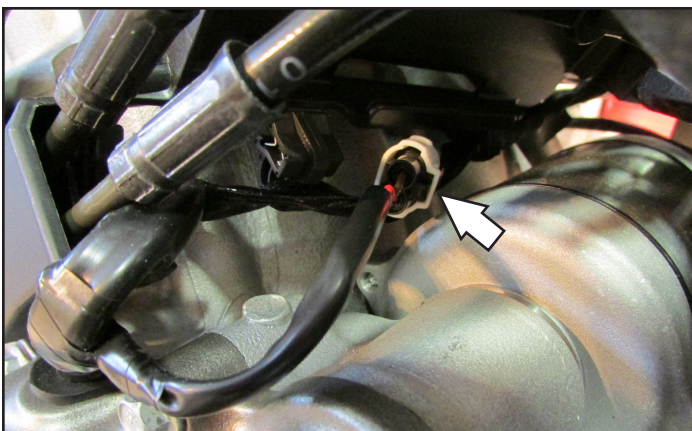


- 12 Unplug the stock wiring harness from the Throttle Position Sensor.

This connector is on the backside of the right hand side throttle body. To remove the connector you need to slide the yellow tab towards the left. Then squeeze the tab and slide the connector off to the left.



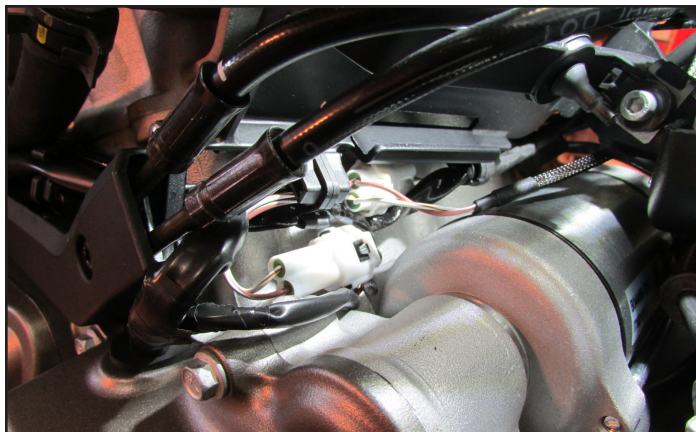
- 13 Plug the PC6 in-line of the stock wiring harness and TPS.



- 14 Unplug the stock wiring harness from the Crank Position Sensor.

This connector is on the backside of the engine just above the starter. It is a WHITE 2 pin connector on the harness side and a BLACK connector on the stator side.

- 15 Plug the PC6 in-line of the stock wiring harness and CPS.



- 16 Reinstall the tray on top of the battery.
- 17 Secure the PC6 inside the tray using the supplied velcro. Make sure to clean the surface with the alcohol swab before attaching.
- 18 Reinstall the fuel tank and bodywork.

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





PUSH THE LIMIT

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