2004-2017 Triumph Rocket III

Installation Instructions

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

PARTS LIST
1  Power Commander
1  USB Cable
1  Installation Guide
2  Power Commander Decals
2  Dynojet Decals
2  Velcro strips
1  Alcohol swab

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

THE LATEST POWER COMMANDER SOFTWARE AND MAP FILES CAN BE DOWNLOADED FROM OUR WEB SITE AT:
www.powercommander.com
**POWER COMMANDER V**
**INPUT ACCESSORY GUIDE**

**EXPANSION PORTS 1 & 2**
Optional Accessories such as POD-300 unit or Auto-tune kit.

**Wire connections:**
To input wires into the PCV 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 PCV 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.

**ACCESSORY INPUTS**

- **Map** - (Input 1 or 2) The PCV 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. When using the Autotune kit one position will hold a base map and the other position will let you activate the learning mode. When the switch is “CLOSED” Autotune will be activated. (Set to Switch Input #1 by default.)

- **Shifter** - (Input 1 or 2) These inputs are for use with the Dynojet quickshifter. Insert the wires from the Dynojet quickshifter into the SHIFTER inputs. The polarity of the wires is not important. (Set to Switch 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 quickshifter.

- **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 control center software.

- **Crank** - Do NOT connect anything to this port unless instructed to do so by Dynojet. It is used to transfer crank trigger data from one module to another.
1. Remove the seat.

2. Prop the fuel tank up using the stock prop rod.

3. Remove the right hand side cover.

4. Route the PCV harness from the right hand side of the bike, under the frame rail, down the left side of the bike, and towards the front of the bike (Fig. A).

5. Attach the PCV ground wire with the small ring lug to the negative (-) terminal of the bike's battery (Fig. A).

6. Unplug the BLACK 20-pin connectors from the throttle bodies to the main wiring harness (Fig. B).

   *This connector is located under the fuel tank towards the front of the bike.*

7. Plug the connectors from the PCV in-line of the stock main wiring harness and throttle body sub-harness (Fig. C).

   *Tuck the connectors towards the front of the bike and down as far as possible to clear the fuel tank.*
8 Remove the small plastic cover on the left side of the bike near the frame (Fig. D).

9 Locate the stock Crank Position Sensor connectors.
   *This is a BLACK 2-pin connector pair.*

10 Unplug the CPS connectors (Fig. E).

11 Plug the 2-pin connectors from the PCV wiring harness in-line of the stock Crank Position Sensor connectors (Fig. F).

12 Reinstall the small plastic cover.
13 Secure the PCV module to the side of the ECU using the supplied Velcro strips (Fig. G).

Clean both surfaces with the supplied alcohol swab prior to applying the Velcro.

14 Bolt the fuel tank back into place.

15 Reinstall the side cover and the seat.

Optional inputs:

**Speed** - PINK wire of sensor - sensor is located on right side of oil tank

**Engine Temperature** - PINK/GREEN wire of 2-pin BLACK connector behind coolant overflow bottle.

**12v source for Auto-tune** - YELLOW wire of tail light connector located near the ECU