

# POWER COMMANDER FC

2013-2014 Kawasaki EX300

Installation Instructions



## Parts List

- 1 Power Commander FC
- 1 USB Cable
- 1 Installation Guide
- 2 Dynojet Decals
- 2 Velcro
- 1 Alcohol swab

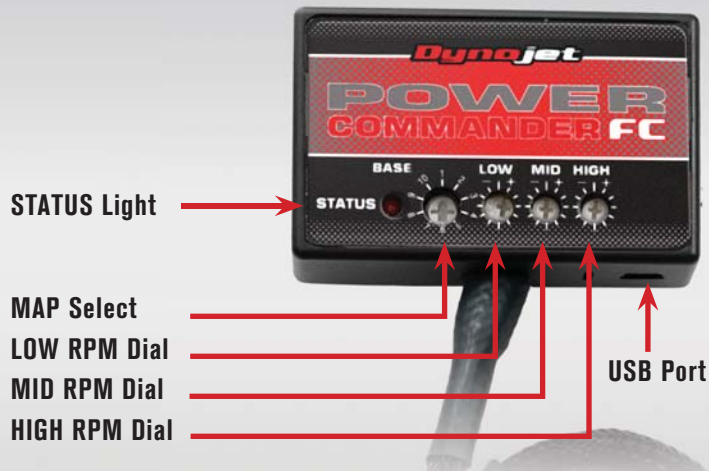
**THE IGNITION MUST BE TURNED  
OFF BEFORE INSTALLATION!**

YOU CAN ALSO DOWNLOAD THE PCFC  
CONTROL CENTER SOFTWARE AND  
LATEST MAPS FROM OUR WEB SITE AT:  
[www.powercommander.com](http://www.powercommander.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

**Dynojet**

2191 Mendenhall Drive North Las Vegas, NV 89081 (800) 992-4993 [www.powercommander.com](http://www.powercommander.com)



Position	Note
Position 1	2013-2014 Kawasaki EX300 Stock exhaust Stock or aftermarket air filter

## SELECTING THE MAP POSITION

The Dynojet Power Commander Fuel Controller (PCFC) comes loaded with up to ten maps. Using a #1 Phillips screwdriver, turn the map select dial to toggle between the loaded maps. Refer to the map position table for the maps included in your PCFC.

## USING THE RPM RANGE DIALS

The Low, Mid, and High RPM Dials refer to the RPM range, in thirds, of your vehicle. Each dial allows +/- 10% fuel adjustment on top of what fuel changes are done in the map. With the dial facing straight up, there is no additional fuel change.

For example, if your vehicle revs to 6000 RPM:

- The low RPM dial will adjust 0-2000 RPM
- The mid RPM dial will adjust 2001-4000 RPM
- The high RPM dial will adjust 4001-6000 RPM

## USING PCFC CONTROL CENTER

Take your tuning to the next level with the PCFC Control Center software.

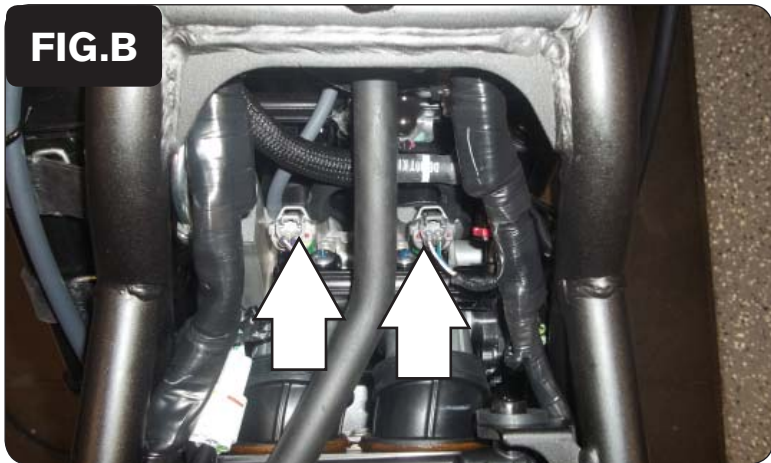
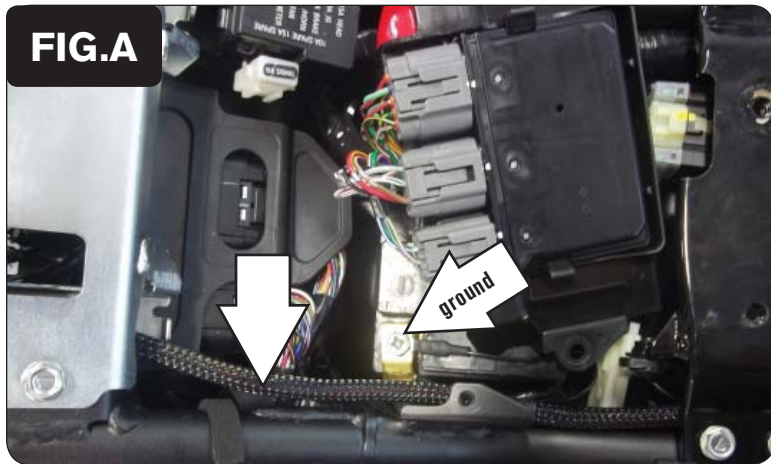
- 1 Using your web browser, navigate to [www.powercommander.com](http://www.powercommander.com).
- 2 Click Enter Race Ready.
- 3 Click Downloads.
- 4 Click Access Downloads for Power Commander FC.
- 5 Click the PCFC software Download button.
- 6 Open the zip folder.
- 7 Double-click the install file and follow the on-screen instructions to install the PCFC Control Center software. The PCFC Control Center software and maps will be stored in C:\Program Files\PCFC Control Center.
- 8 Return to the Downloads or Home page where you can enter the make, model, and year of your bike to check for and download additional maps.

## LOADING ADDITIONAL MAPS

- 1 Connect the USB cable from the computer to the PCFC. Verify the cable is fully seated in the PCFC.
- 2 Run the Control Center software by double-clicking the program icon installed on your desktop or on your start menu.
- 3 Click Open Map File and select a map file.
- 4 Click Send Map. You can send the map to any of the ten map positions.

## ALTERING MAPS USING SOFTWARE

The values in the map represent a percentage of fuel change over stock. A value of 10 in the map indicates at that throttle position and RPM range the vehicle will be 10% richer than stock. If the value is -10, then it would be 10% leaner than stock. You have the ability to fine tune your fuel curve by altering these values. The Control Center software allows a value of +250 to -100 in each cell.



- 1 Remove the seats.
- 2 Remove the fuel tank.
- 3 Lay the PCFC module in the tail section and route the wiring harness towards the front of the bike, following alongside the right side frame rail as closely as possible.

Cross-member brackets may need to be loosened or removed to route the wiring harness beneath them.

- 4 Move the junction box out of the way and remove the bolt securing the battery cover as shown in Figure A.

- 5 Attach the ground wire with the 6mm ring lug from the PCFC to the negative side of the battery as shown in Figure A.

- 6 Reinstall the battery cover and junction box.

- 7 Locate and unplug the stock wiring harness from both of the fuel injectors as shown in Figure B.

- 8 Attach the PCFC wiring harness to the stock wiring harness and the fuel injectors as shown in Figure C.

Attach the connectors with the orange colored wires to the left-most cylinder (cylinder #1).

Attach the connectors with the yellow colored wires to the right-most cylinder (cylinder #2).



- 9 Locate and unplug the Throttle Position Sensor (TPS) on the right-hand side of the throttle bodies as shown in Figure D.

The TPS is a grey 3-pin connector.

Figure D was taken with the coolant bottle moved out of the way.



- 10 Attach the connectors from the PCFC wiring harness to the TPS and stock wiring harness as shown in Figure E.

**Note:** Make sure you do not plug the PCFC to the stock black connector.



- 11 Using the supplied velcro, secure the PCFC module in the tail section as shown in Figure F.

Make sure to clean both surfaces with the alcohol swab before attaching.

- 12 Reinstall the fuel tank and seats.