POWER COMMANDER FC

2007-2014 Polaris CFI-4 Snowmobiles

Installation Instructions

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

STATUS Light

MAP Select
LOW RPM Dial
MID RPM Dial
HIGH RPM Dial

USB Port
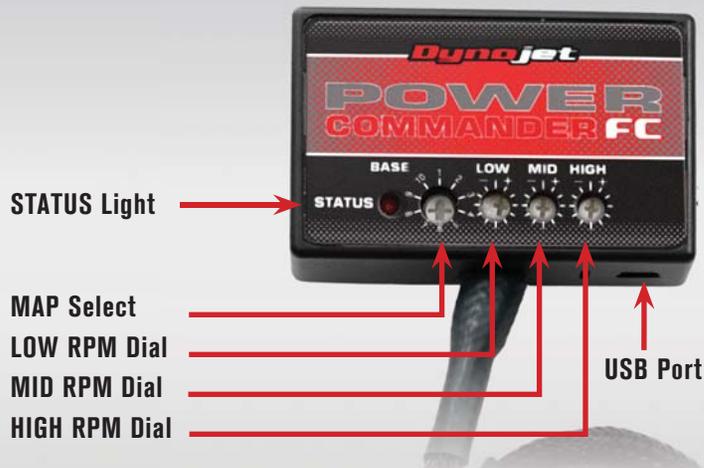
Position	Note
Position 1	2007-2014 Polaris CFI-4 Snowmobile Zero Map

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.

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.

FIG.A

FIG.B

FIG.C

1   Remove the plastic electronics cover located above the clutch housing.

2   Unplug the ECU connector on the right side closest to the engine as shown in Figure B.

3   Attach the connectors from the PCFC to the ECU and the stock wiring harness.

4   Route the PCFC harness out from under the electronics cover and over to the left side of the air box as shown in Figure C.

5   Using the supplied hook and loop fastener, secure the PCFC to the air box as shown in Figure C.

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

6   Replace the electronics cover.

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