

SECONDARY / / FUEL MODULE



PARTS LIST

- 1 Secondary Fuel Module
- 1 CAN link cable
- 1 Installation Guide
- 2 Velcro strips
- 1 Alcohol swab

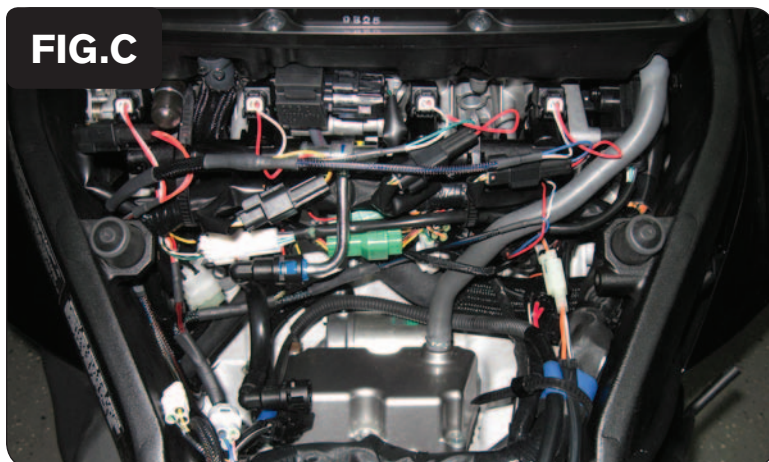
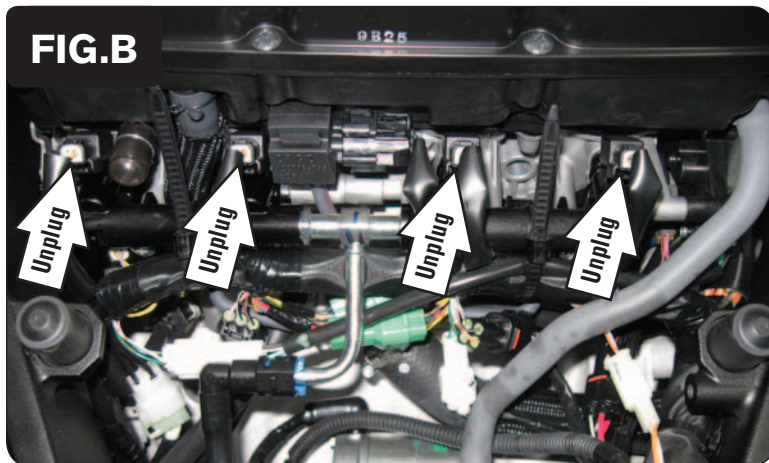
2007-2016 Suzuki GSX-R1000
2008-2016 Suzuki Hayabusa
2008-2012 Suzuki B-King

Installation Instructions

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank cover.
- 3 Lift and prop the fuel tank up or remove it entirely.
- 4 Mount the SFM in the tail section next to the PCV module using the supplied Velcro. Clean both surfaces with the alcohol swab before attaching the Velcro.
- 5 Plug the CAN link cable into one of the expansion ports of the SFM and the other end into one of the expansion ports of the PCV module (Fig. A).

It doesn't matter which ports you use.

You might also need to install a CAN termination plug into an empty port of the CAN bus if ALL devices in the PCV Device Network have a serial number starting with 14 or lower. If ANY device on the CAN bus (PCV, SFM, IM, or AT) has a serial number starting with 15 or higher, a CAN termination plug is NOT needed.

- 6 Route the SFM harness down the left side of the bike.
- 7 Unplug the stock wiring harness from the UPPER fuel injectors (Fig. B).

- 8 Plug the SFM wiring harness in-line of each UPPER fuel injector and each stock wiring harness connector (Fig. C).

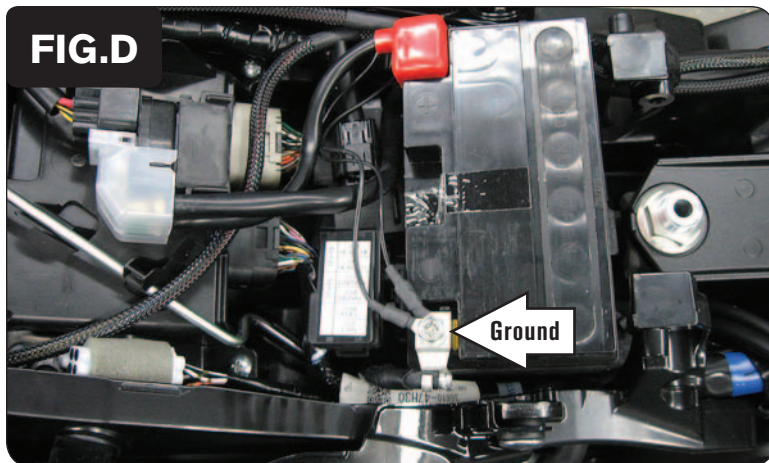
SFM harness:

ORANGE - cylinder #1 (left most)

YELLOW - cylinder #2

GREEN - cylinder #3

BLUE - cylinder #4 (right most)



- 9 Attach the SFM ground wire with the small ring terminal to the negative (-) side of the bike's battery (Fig. D)
- 10 Reinstall the fuel tank, the bodywork, and the seats.

There are two wires (WHITE and BLACK/WHITE) coming out of the SFM wiring harness (near the module) that will not be used unless you are also using the Ignition Module. Refer to the Ignition Module hardware install guide for specific instructions.

IMPORTANT NOTICE

The SFM and your PCV may need to be updated. The PCV and SFM need to both have the same firmware loaded and the most up to date version available (at least v0.1.10.6 or higher) installed. To install this firmware you also need to be using the latest PCV software version (1.0.6.4 or higher). The latest software and firmware can be found at: http://www.powercommander.com/powercommander/Downloads/powercommander_downloads.aspx?ProdType=PCV

To update your firmware go to Power Commander Tools -> Update Firmware. Click on the unit you wish to update (PCV Primary Module or Secondary Fuel Module) and then click on Update. This will bring up a window so that you can search the computer to find and open the firmware file. Open the file from the location on the computer where it has been saved.

The SFM needs to be added to the PCV network. To do so, connect a USB cable to the PCV and another USB cable to the SFM. Open the PCV control center software and it will ask to add the SFM to the "PCV Device Network." Afterwards, you will be able to use the SFM.

The SFM is shipped in BASIC mode. This means that you will have 1 Fuel table in the software. This fuel table controls the lower set of injectors and upper set of injectors simultaneously. Whatever value is entered in a cell will automatically be put into the corresponding cell for the upper injectors.

If you put the SFM in ADVANCED mode you will have 2 separate Fuel tables. This allows a separate fuel table for the upper injectors, if desired.

On GSXR models if you leave the map in BASIC mode, the predeveloped maps from the website will NOT run properly. It is recommended to bring your bike to an Authorized Tuning Center.

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