

IGNITION MODULE

FOR USE WITH

2008-2011 Suzuki GSX1300R

Installation Instructions

PARTS LIST

- 1 Ignition Module
- 1 CD-ROM
- 1 Installation Guide
- 2 Velcro
- 1 Alcohol swab
- 1 CAN cable
- 1 CAN termination plug
- 1 USB cable



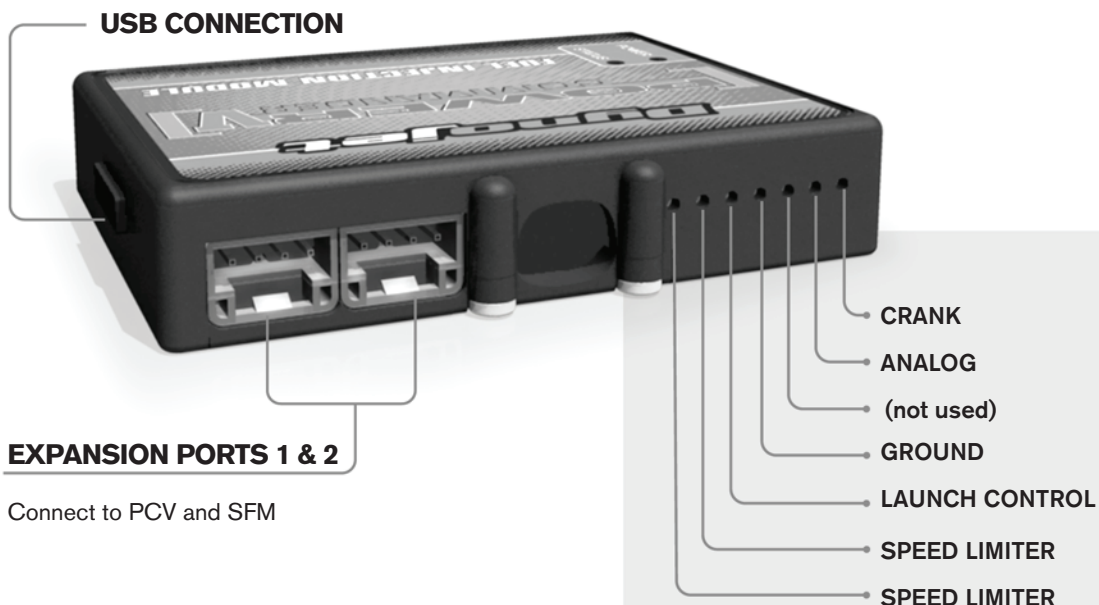
**THE IGNITION MUST BE TURNED OFF BEFORE
INSTALLATION!
BEFORE THIS MODULE CAN BE USED THE
POWER COMMANDER MAY NEED TO BE UPDATED.
(SEE INCLUDED INSTRUCTIONS)**

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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IGNITION MODULE V INPUT ACCESSORY GUIDE



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

Speed

This input has the ability to activate a limiter based on speed. This is intended to be used as a pit lane speed limiter. You can use any OPEN / CLOSED type switch to activate this feature.

Launch

This input is intended to be used as a launch control. You can set a target RPM to limit the bike to when the clutch lever is activated. Once the clutch lever is released full RPM can be achieved. This requires a wire be connected to the grounding side of the clutch switch and the other end into this input.

Ground

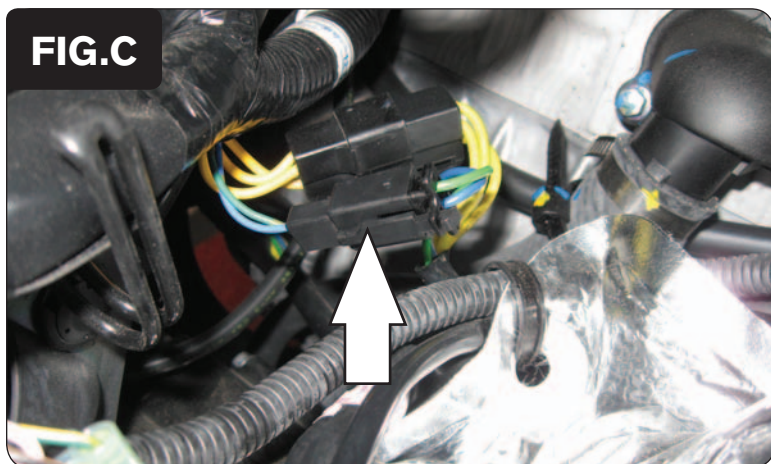
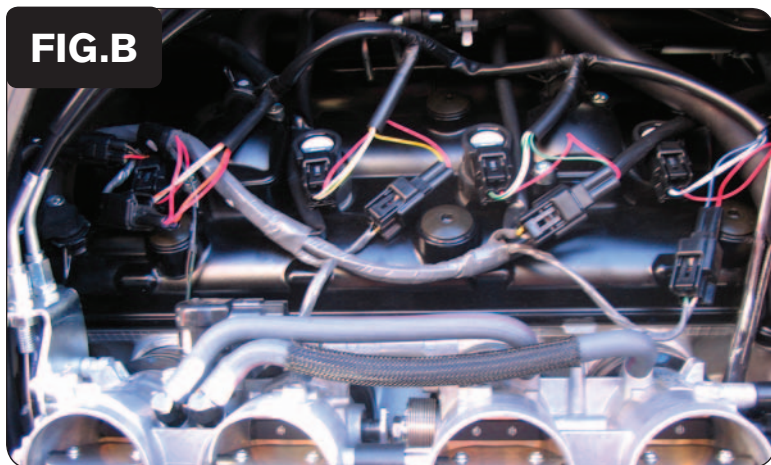
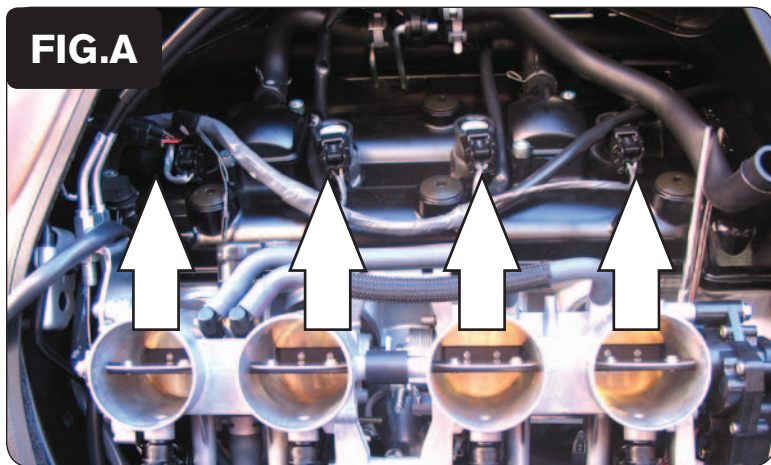
This is a digital ground. You can connect the BLACK/WHITE crank wire of the SFM to this location if necessary.

Analog-

Not currently used - updates to follow

Crank-

Connect the WHITE crank wire from the SFM (if installed) to this input. This is only needed if you are going to use the Rev Xtend feature.



- 1 Remove the seats.
- 2 Lift the front of the fuel tank up.
- 3 Remove the air box.
- 4 Place the ignition module next to the PCV and route the harness down the left hand side of the bike going towards the engine.
- 5 Disconnect the stock wiring harness from the coil sticks (Fig. A).
- 6 Plug the Ignition Module connectors in-line of the stock wiring harness and coil sticks (Fig. B).
 Ignition module colors:
 ORANGE - Cylinder #1
 YELLOW - Cylinder #2
 GREEN - Cylinder #3
 BLUE - Cylinder #4
- 7 Locate the crank pickup coil connector (Fig. C).
This connector is a WHITE 2 pin connector with a BLACK and a GREEN wire located under the fuel tank near the left side of the engine.

FIG.D



- 8 Connect the WHITE connectors from the Ignition Module in-line of the stock crank pickup sensor connectors (Fig. D).

FIG.E



- 9 Attach the ground wire from the Ignition Module to the negative side of the battery (Fig. E).

FIG.F



- 10 Install the Ignition Module next to the PCV in the tail section. (Fig. F).
- 11 Plug the CAN cable into 1 of the ports of the Ignition Module and the other end into 1 of the ports of the PCV.
- 12 Plug the CAN termination plug (plastic) into any one of the remaining open ports of the Ignition Module or PCV.

If you plan on using the launch control connect a wire to input #5 of the Ignition Module and connect the wire to the BLK/YEL wire of the left handlebar switch assembly. This connection can be found under the left hand inner fairing panel.

