

IGNITION MODULE

FOR USE WITH

2007-2015 Honda CBR600RR

Installation Instructions

PARTS LIST

- 1 Ignition Module
- 1 Installation Guide
- 2 Velcro strips
- 1 Alcohol swab
- 1 CAN link cable
- 1 USB cable
- 1 Posi-tap



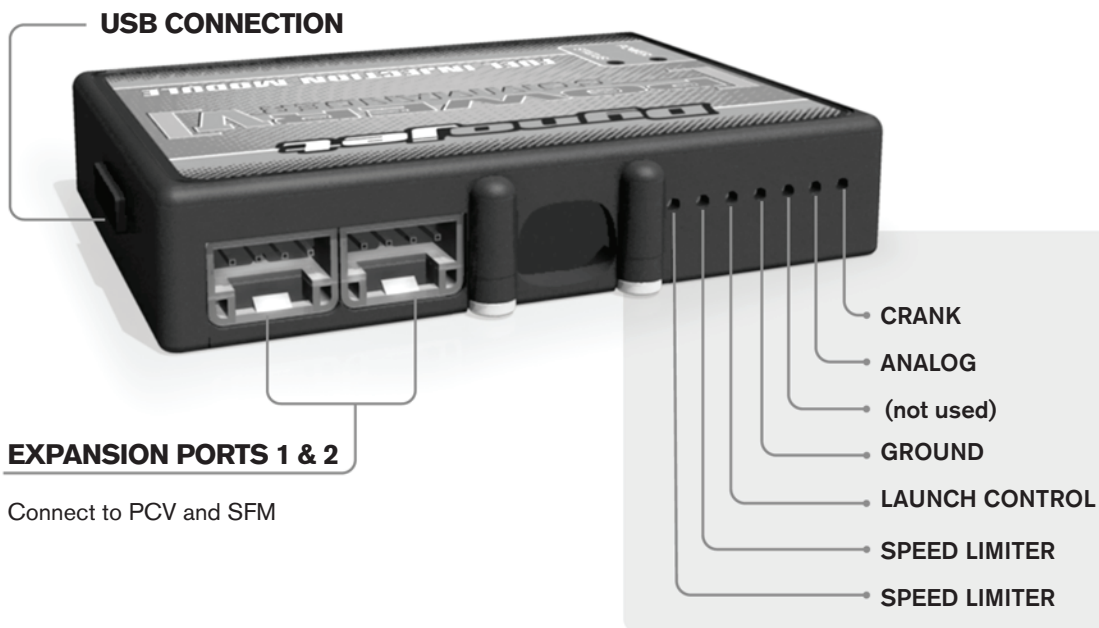
**THE VEHICLE'S IGNITION MUST BE TURNED OFF
DURING THIS INSTALLATION!
BEFORE THIS MODULE CAN BE USED THE
POWER COMMANDER 5 MAY NEED TO BE UPDATED.
(SEE INCLUDED INSTRUCTIONS.)**

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Dynojet

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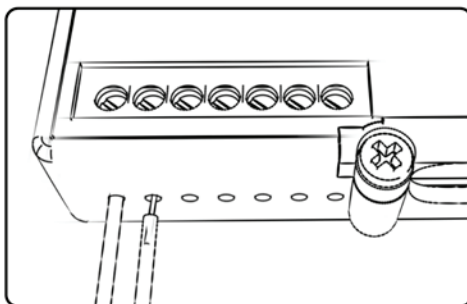
IGNITION MODULE V INPUT ACCESSORY GUIDE



Wire connections:

To input wires into the IM 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 IM 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 vehicle 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. This feature is configured to Switch Input 1# by default.

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. This feature is configured to Switch Input #2 by default.

Ground

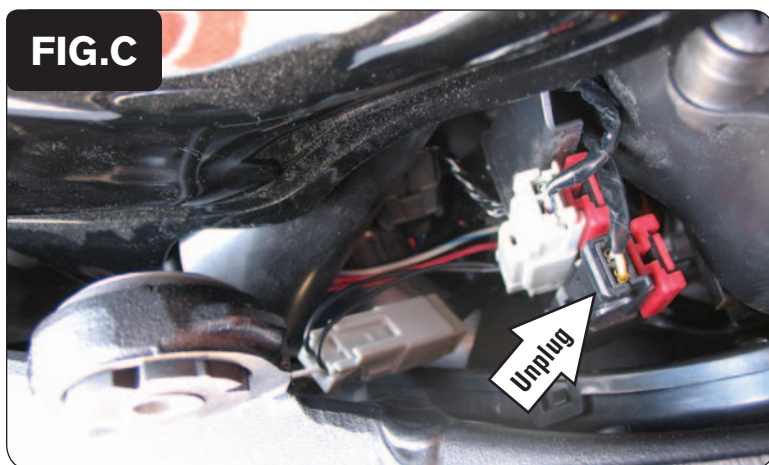
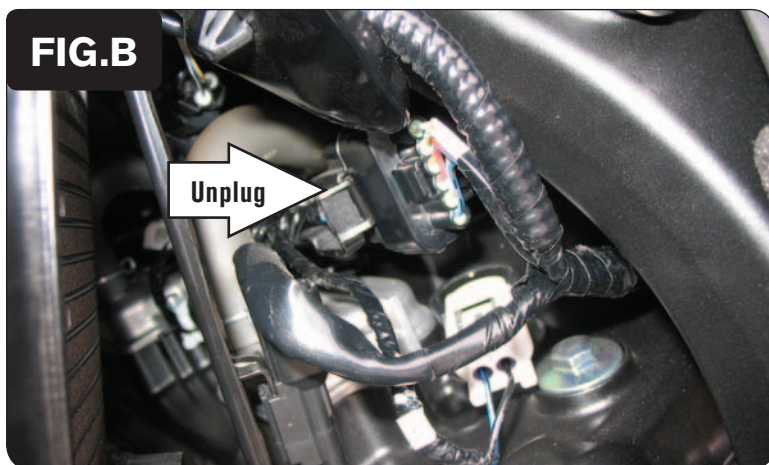
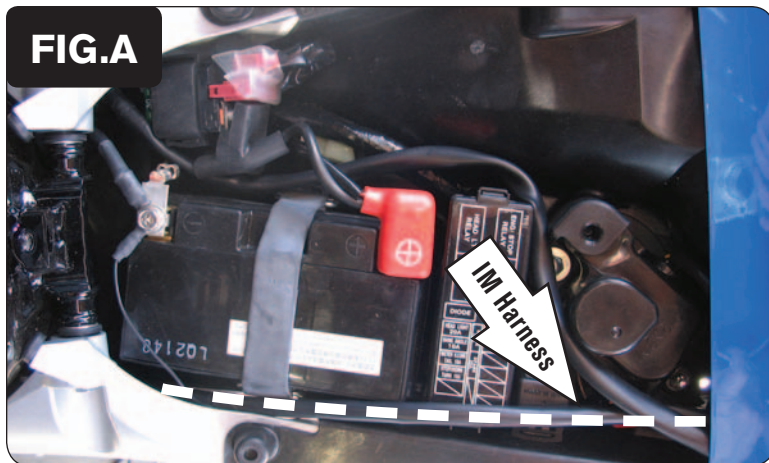
This is a digital ground. You can connect the BLACK/WHITE crank wire of the SFM to this location if necessary.

Analog-

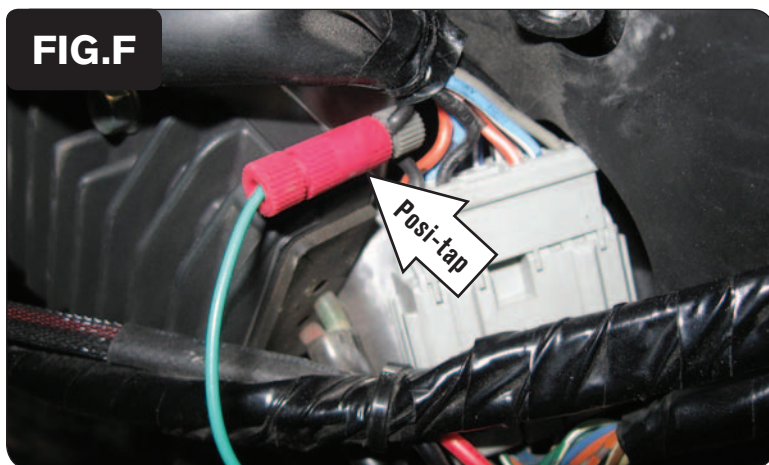
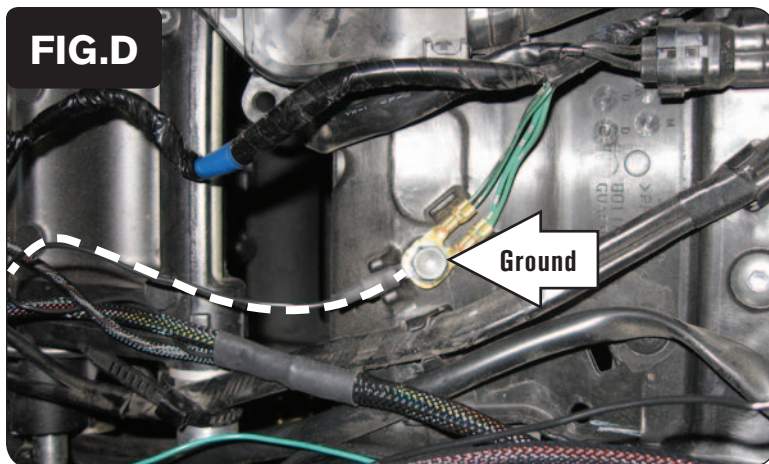
Not currently used - updates to follow

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 main seat and passenger seat.
- 2 Remove the left hand side fairing.
- 3 Remove the fuel tank cover and lift the front of the fuel tank up.
- 4 Lay the Ignition Module in the tail section temporarily. Route the harness of the Ignition Module towards the front of the bike (Fig. A).
- 5 Route the harness along the stock main wiring harness down the left hand side of the bike. Route the harness along the inside of the frame and go towards the cylinder #1 (left most) ignition coil stick.
- 6 Unplug the stock wiring harness at the sub-connector for the Ignition Coil sticks (Fig. B).
- 7 Plug the connectors from the Ignition Module in-line of the stock wiring harness.
- 8 Locate the Crank Position Sensor connectors.
These connectors are located on the right rear of the airbox. The fuel tank needs to be lifted up to access these connectors.
*There are 2 similar connector pairs next to each other. The Crank Position Sensor connector pair is the **BLACK** connector pair.*
- 9 Unplug the stock Crank Position Sensor connectors and plug the Ignition Module wiring harness in-line of the stock Crank Position Sensor connectors (Fig. C).



- 10 Attach the ground wire from the Ignition Module with the ring terminal to the stock common ground location under the fuel tank (Fig. E).
- 11 Reinstall the fuel tank back into place making sure that the harness does not get pinched.

- 12 Secure the Ignition Module in the tail section next to the PCV using the supplied Velcro.

Clean surfaces with the supplied alcohol swab before attaching the Velcro.

- 13 Connect the CAN link cable into one of the ports of the Ignition Module and the other end into one of the ports of the PCV module.

It doesn't matter which ports you use.

Older Ignition Modules with a serial number beginning with 14 or less might also require a CAN termination plug to be installed in an empty port. Newer Ignition Modules with a serial number starting with 15 or higher do NOT require CAN termination plugs.

Connecting to the clutch wire for launch control (optional):

On the left side of the frame next to the regulator/rectifier you will find the sub-connector for the left handlebar switch assembly. Using the supplied Posi-tap, connect a 22-24 gauge wire from the Launch Control input of the Ignition Module to the BLACK wire of this stock connector.

There are 2 BLACK wires on this connector. Connect to the one on the far end of the connector.

