

Items Supplied >

- 1 – Powrpro Black Fuel Injection Module
- 1 – 6" #18 Zip Tie
- 1 – Velcro Strip

Application(s) >

SUZUKI	M109R	06-16
	C109R	08-09

Instruction Manual >

92-1845B

Page 1 of 2

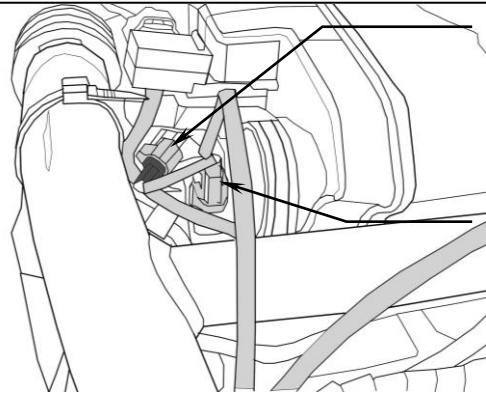
Read all instructions carefully and completely before installing your new POWRPRO module.

It is recommended that a qualified mechanic or technician install this product.

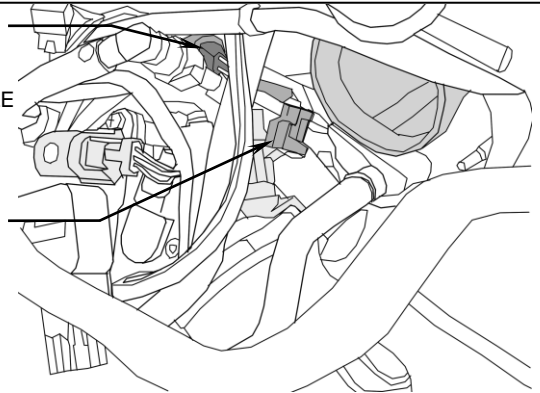
Before installing it is recommended that the gas tank be low on fuel.

1. Remove the seat. Remove the bolt on the fuel tank console and slip the console free of the mounting pins. Remove the bolt from the rear of the fuel tank and lift the back of the fuel tank up enough to unplug the wire connector (brown in color). Now by pushing the two blue tabs on the fuel line quick-disconnect at the base of the fuel tank, pull the fuel line free of the tank. Remove the fuel tank, taking care to keep the console clear as you lift it away.
2. Loosen the two air filter boot clamps securing the boots to the main air intake housing. Remove the two bolts that retain each air filter housing, then pull the air filter housings free from the motorcycle.
3. Unplug the factory fuel injector connector on the right side and attach the matching Fi2000 connector from the longer Fi2000 harness onto the right side injector. Plug the original injector harness connector into the black Fi2000 connector and tuck that connector up and out of the way, so that the air intake boot may be re-installed, see Figure 2. Repeat this procedure for the left side injector, see Figure 1.
4. Re-install the air filter housings, routing the left side harness up and over the air intake boot, then tighten the air boot clamps. Ziptie the Fi2000 harness to the main bike harness and Velcro the Fi2000 control module as shown in Figure 3.
5. Attach the black ground wire to the negative post of the battery. Re-install the fuel tank. Before reinstalling the seat, verify connections.
6. Verify that the module has power and connections have been made correctly; watch the clear window on the FI housing and turn "ON" the key ignition and set the handlebar run switch to "ON", confirm that the Red LED turns on. On some models the Red light will turn off after 4-5 seconds as the fuel pump cycles off, which is OK. If you do not see a Red light, it may be necessary to wait for the alarm to reset (if applicable) and try again. Also confirm the side stand is up, bike is in neutral, and clutch is in. Start the bike and confirm the LED remains on solid Red. **NOTE:** Make sure ignition is turned off before attempting to change any Fi2000 harness connections if no Red light is seen. For access to the Blue Tooth Tuning App on the module, please download the PowrPro Black App to your smart device, Android 4.3 & later or Apple iOS 5.0 & later operating systems. Once the app is installed, make sure the motorcycle is in neutral and start the engine, use the connect button within the app and the Blue light on the Fi module window will light up during pairing connection and remain solid Blue while paired and connected with respective Android or Apple Device. Once the app has been used and settings saved and disconnected through the app, the Blue light will turn off, and the PowrPro Black will be ready for continued service on the motorcycle.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.



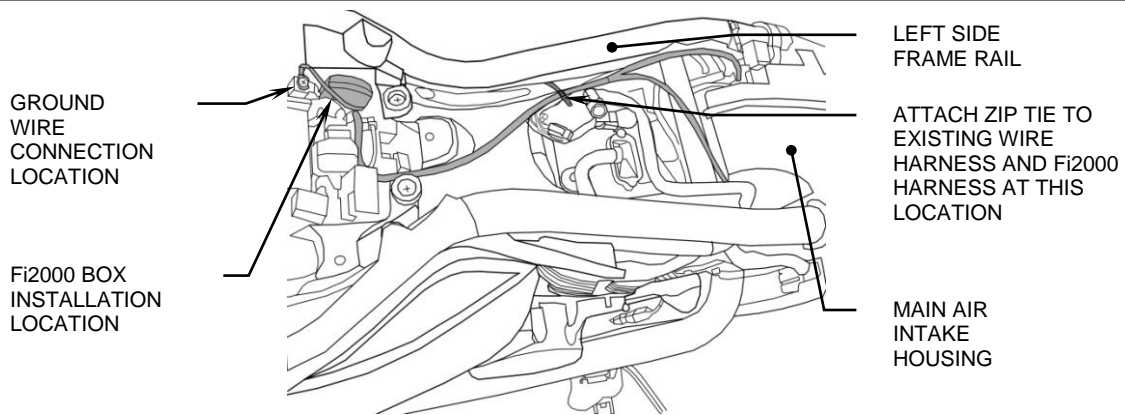
MALE Fi2000
CONNECTOR
ATTACHED TO
FACTORY FEMALE
CONNECTOR



FEMALE Fi2000
CONNECTOR
ATTACHED TO
FUEL INJECTOR

FIGURE 1: LEFT SIDE INJECTOR

FIGURE 2: RIGHT SIDE INJECTOR



GROUND
WIRE
CONNECTION
LOCATION

Fi2000 BOX
INSTALLATION
LOCATION

LEFT SIDE
FRAME RAIL

ATTACH ZIP TIE TO
EXISTING WIRE
HARNESS AND Fi2000
HARNESS AT THIS
LOCATION

MAIN AIR
INTAKE
HOUSING

FIGURE 3: Fi2000 ECU & HARNESS INSTALLATION LOCATION AND ROUTING

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