



Instruction Disclaimer

Dennis Kirk provides instructions to help our customers better understand how to install the products we sell. The instructions are exact copies of what the manufacturer includes with the product being sold.

That means the quality and accuracy of the instructions is solely dependent on what the manufacturer produces. We do our best to make the text legible and the pictures viewable. However, the end result depends largely on the quality of instructions the manufacturer provides.

Therefore, you will find that some instructions are not of the highest quality. Sometimes text is hard to read and pictures are not easy to see. At times you will find the overall look of the instructions to be less than professional. However, we feel it is better to provide what we have rather than provide nothing at all.

To the best of our knowledge the instructions and application information contained in the instructions is accurate. However, Dennis Kirk assumes no liability related to any errors that may be contained in the copy of the manufacturer's instructions we provide. Buyers are solely responsible to insure that product use is consistent with their application.

If you have any questions please contact us at customerservice@denniskirk.com or 800-969-7501 so we can further assist you regarding additional product information or any other business related questions.

Thank you for doing business with Dennis Kirk.

Items Supplied >

- 1 – Fi2000AT FUEL INJECTION MODULE
- 1 – 6" #18 ZIP TIE
- 1 – VELCRO STRIP

Application(s) >

- | | | |
|--------|-------|-------|
| SUZUKI | M109R | 06-11 |
| | C109R | 08-09 |

Instruction Manual >

92-1845AT

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Read all instructions carefully and completely before installing your new Fi2000AT 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 the wire connections; turn on the ignition and watch the Fi2000 LED logo, confirm that the LED blinks several times then turns off. If you do not see any blinking, 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, clutch is in and handle bar engine switch is set to run (where applicable). Start the bike and the Fi2000 logo should remain solid red, which confirm the unit is fully functioning. If it flashes while the bike is running, turn off the bike and recheck that all harness connections (injectors, ground wire, and O2 sensors when applicable) have been properly made. Re-verify by turning ignition on while watching for flashing LED, prior to starting. Start and confirm LED remains ON solid red. **NOTE:** Make sure ignition is turned off before attempting to change any Fi2000 harness connections.

*** It is recommended that you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new power of your motorcycle and please ride safely.**

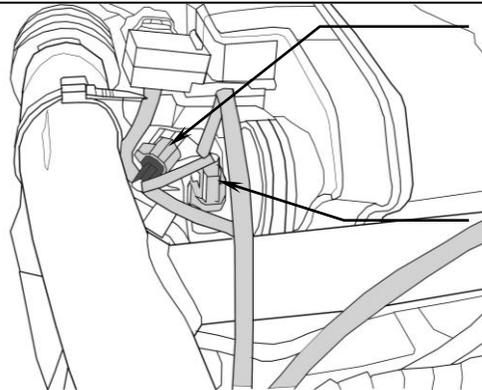


FIGURE 1: LEFT SIDE INJECTOR

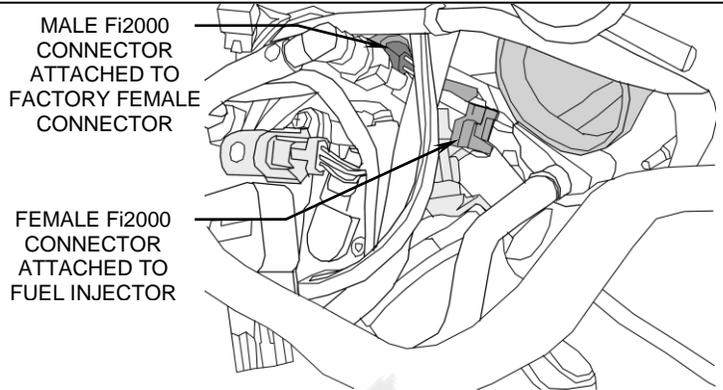


FIGURE 2: RIGHT SIDE INJECTOR

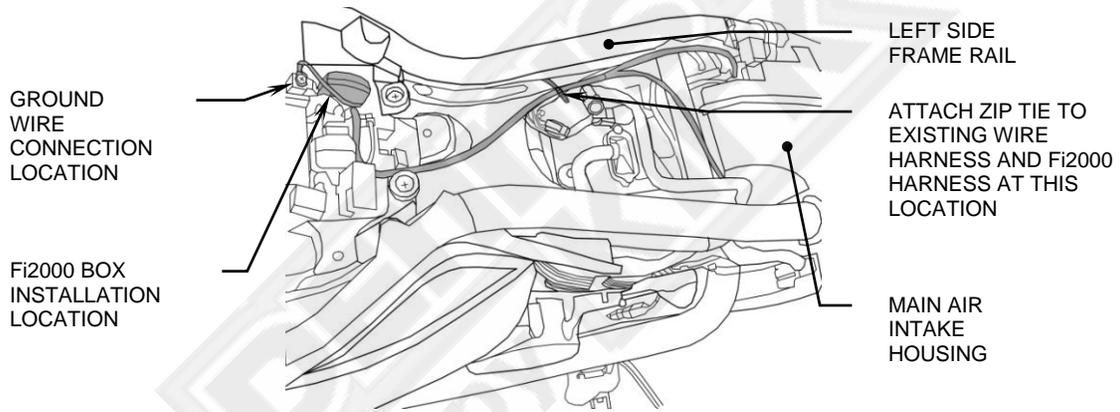


FIGURE 3: Fi2000 ECU & HARNESS INSTALLATION LOCATION AND ROUTING