

Items Supplied >

- 1 – Powrpro Black Fuel Injection Module
- 2 – Zip Ties, (1): 3/32" x 6"; & (1): 3/16" x 8"
- 1 – Velcro Strip
- 1 – Rubber Fuel block off Nipple

Application(s) >

- Honda VTX 1800C/R/S 2002 - 2008
- Honda VTX 1800F 2002 - 2008
- Honda VTX 1800N 2002 - 2008

Instruction Manual >

92-1650B

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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.

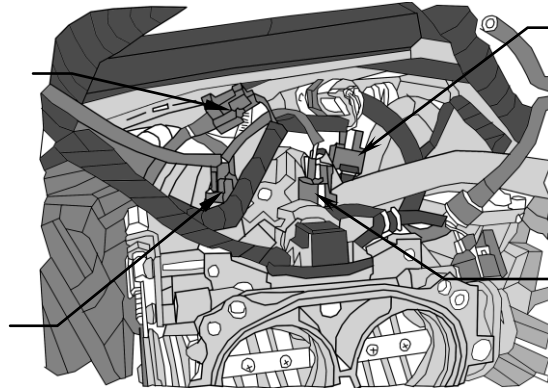
1. Remove the seat and the right side cover. Remove the chrome dash mounted on the top of the fuel tank. The gas cap will temporarily have to be removed to perform this. Put the gas cap back on after the dash has been carefully moved out of the way (no wires will have to be unplugged.)
2. At the back of the gas tank remove the bolt securing the rear of the tank and gently pull (or wiggle) the fuel tank backwards until it just clears the two rubber locating pucks at the front. It is unnecessary to unplug any wires from the tank. In order to raise the rear of the gas tank on some models for access, **perform the following step in a well-ventilated area, free of open flame. To prevent severe fuel spillage and draining of the tank** use locking pliers to pinch off the rubber fuel hose at the left rear corner of the tank prior to disconnecting it. Immediately install the supplied rubber cap on the tank fuel nipple to prevent tank draining, Figure 3. Once this has been done, lift the rear of the tank up approximately 8" and use a secure prop to hold it in that position.
3. Remove the Allen bolts on the air cleaner assembly, remove the cover and the filter. Next remove the Phillips head screws around the air funnels and remove it. Now pull the air box away from the throttle bodies just until it drops down about 2". If desired for greater access, the air box may be completely removed by disconnecting the wires and vacuum hoses.
4. Place the Fi2000 module on top of the ECU and route the wire harness forward and under the gas tank-mounting bracket, then up and over the ignition coil mounting bolts and into the area behind the air box mounting location
5. The injector connectors are accessible directly under the frame backbone, the front injector connector is brown, and the rear is gray. Unplug them and plug the Fi2000 matching connectors to the injectors, the forward most Fi2000 connector matches to the injector that has the original brown harness connector, Figure 1. Next, plug the corresponding male Fi2000 connector into the original Honda Fi2000 connectors.
6. Position the air box back in line with the throttle bodies and push it back into place, reinstall the screws, filter and external cover and fuel line.
7. Attach the black ground wire to the bolt (10mm head) at the top of the area covered by the right-hand side panel. Position and Velcro the Fi2000 on to the ECU as shown in Figure 2.

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8. 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 Fi2000 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.

Original female harness connector for rear injector with male connector from Fi2000 harness

Fi2000 female connector to rear injector



Original brown female harness connector for injector with male connector from Fi2000 harness

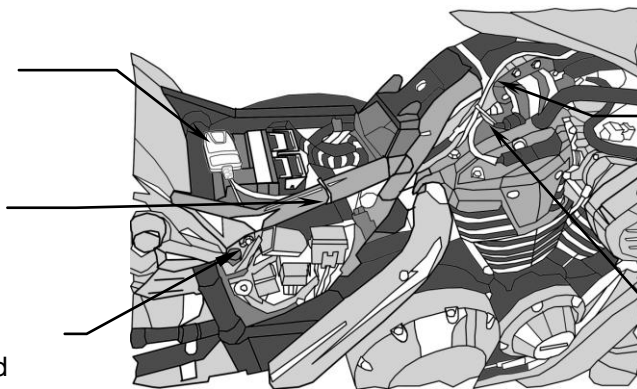
Fi2000 gray female connector to injector

FIGURE 1

Fi2000 installation location with Velcro

Zip tie Location Large

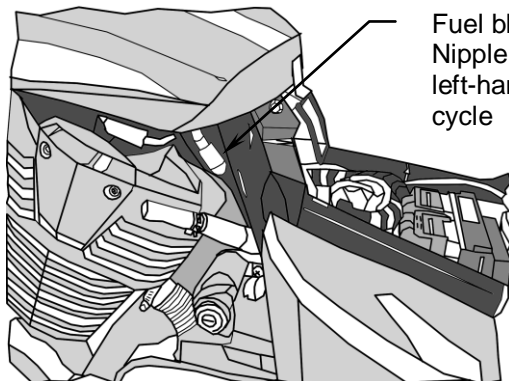
Fi2000 ground wire connected to bolt on frame



Fi2000 Wire harness routing

Zip tie location (small)

FIGURE 2



Fuel block off Nipple installed on left-hand side of cycle

FIGURE 3

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