

Items Supplied >

- 1 – Powrpro Black Fuel Injection Module
- 2 – Zip Ties, (2): 3/32" x 6"
- 1 – Velcro Strip

Application(s) >

VN1600 Classic	03-08
VN1600 Nomad	05-08
VN1500 Nomad	00-04

Instruction Manual >

92-1963B

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

1. Remove both seats and fuel tank console cover. Remove the one front and two rear bolts securing the fuel tank. To enable raising the fuel tank, disconnect the wire connectors mounted on top of the battery behind the fuel tank, they are connected with two harnesses running under the left side of the fuel tank, (Fig. 1).
2. Raise the rear of the fuel tank enough to unplug the two vent hoses, then raise the rear of the fuel tank 7 to 8 inches and *SECURELY* prop it up in this position. Unlock the left hand side cover and remove it.
3. Position the Fi2000 in the left hand storage area and feed the wire harness through the oval hole in the back of this case, (Fig. 1). Next, feed the harness through the frame opening behind the rear cylinder and follow the bike's wire harness towards the front of the engine.
4. Locate the gray factory fuel injector connectors and disconnect each one by depressing the locking tab and replace it with the Fi2000 gray connector. Then plug the original connector into the corresponding Fi2000 black connector. Connect one cylinder at a time to prevent from mixing up the injector harness order. The longer Fi2000 harness is mated to the front injector and connector, (Fig. 2).
5. Zip tie the Fi2000 along the bike's main harness as shown in, (Fig. 3). Attach the black ground wire from the Fi2000 to the negative post of the battery. Secure the Fi2000 body to the inside of the storage box with the Velcro strip, (Fig. 1).
6. Lower the fuel tank and reconnect the tank console cover so the key and ignition are functional. **NOTE:** When lowering fuel tank, pay attention that the fuel line on the left side of the bike locates properly behind the air cleaner housing and is not pinched. Before reinstalling side cover, seats and remaining body pieces verify connections.
7. 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.

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Black ground wire to battery negative terminal

Fi2000 Module placement Inside left storage compartment

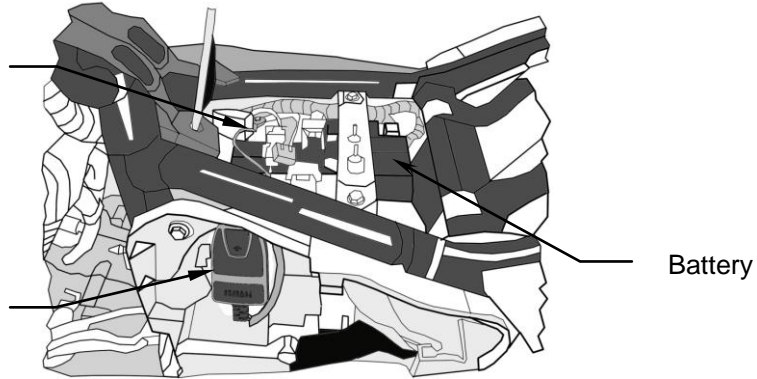


FIGURE 1

Fi2000 connectors to Injector connectors

Left air cleaner housing

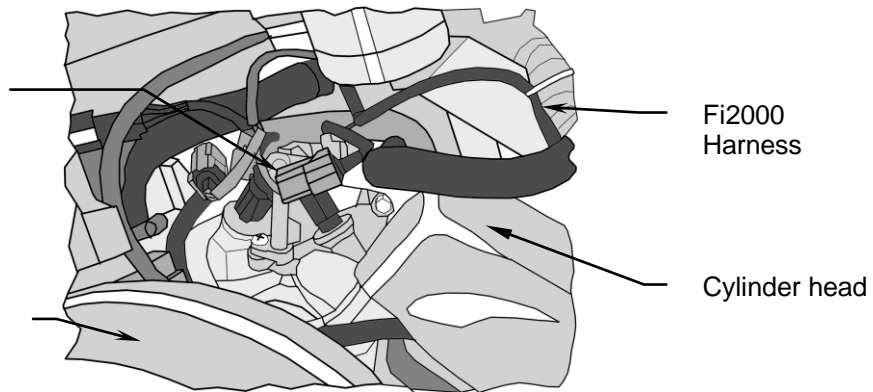


FIGURE 2

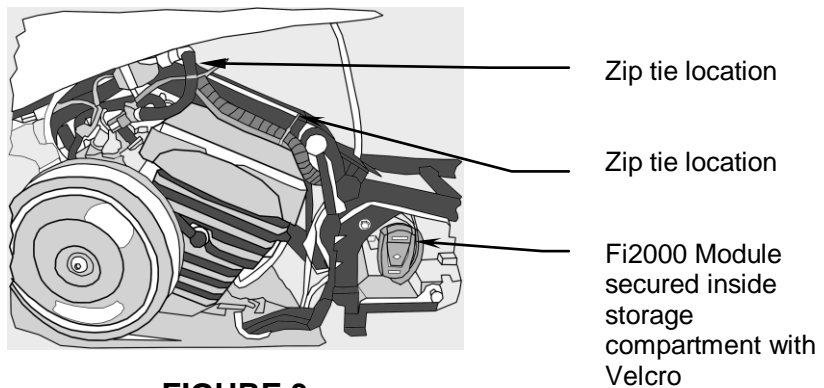


FIGURE 3

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