

## Items Supplied >

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

## Application(s) >

Yamaha Roadstar Warrior 02-10

## Instruction Manual >

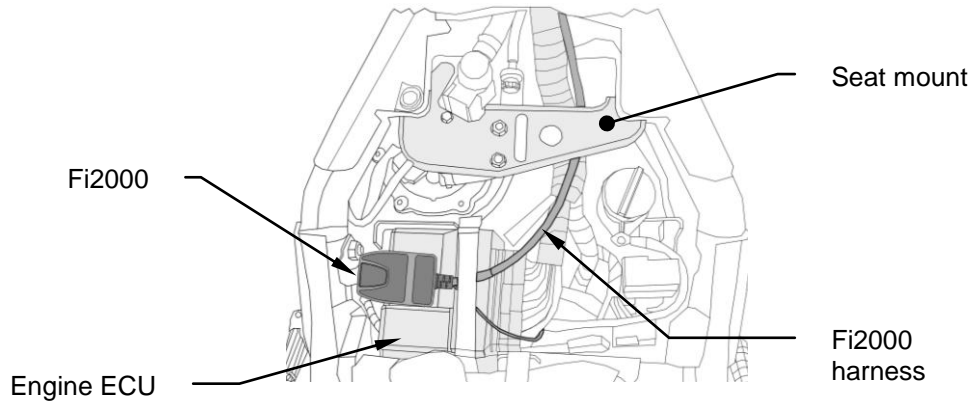
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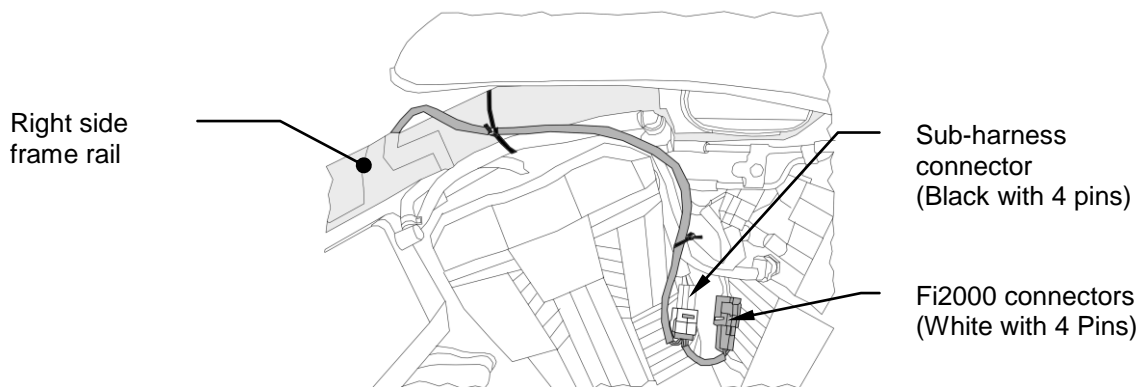
**Read all instructions carefully and completely before installing your new POWRPRO module. It is recommended that a qualified mechanic or technician install this product. Before installing it is recommended that the gas tank be low on fuel.**

1. Remove the seat; remove the foam cover over the electrics. Unbolt the fuel tank at the back, and while holding up the rear of the fuel tank about 2", remove the chrome air cleaner housing on the right side of the engine. **Note:** Orientation of clamp may need to be reversed 180 degrees, so that screw head is pointing downward for reassembly later.
2. Temporarily place the Fi2000 module on top of the ECU and route the wire harness under the seat mount on the right hand side and on top of the large wiring harness, (Fig. 1). Continue by routing the harness over the top of the right frame rail and along the fuel line and stock harness locations, (Fig. 2). The Fi2000 connectors should lie close to the stock injector sub harness connector (4 pins).
3. Disconnect the stock injector sub harness connectors (black with 4 pins) by pressing the tab in. Plug the mating Fi2000 connectors (white with 4 pins) between them, (Fig. 2).
4. Unstrap the stock ECU from it location and move to the side to allow access to the battery post. Connect the Fi2000's ground lead to the *Negative* battery post, (Fig. 3).
5. Before replacing the air cleaner housing, gas tank bolts; seat and ECU to original locations verify Fi2000 LED Functions.
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.
7. When everything checks out in order, mount the ECU to the stock location and mount the Fi2000 to the top of the ECU with the supplied Velcro, (Fig. 3). Zip tie the Fi2000 harness to the right frame rail and existing harness with the supplied zip ties. Reinstall the air cleaner housing. Make sure the Fi2000 harness is not pinched between frame rail and fuel tank grommet. Reinstall fuel tank and seat.

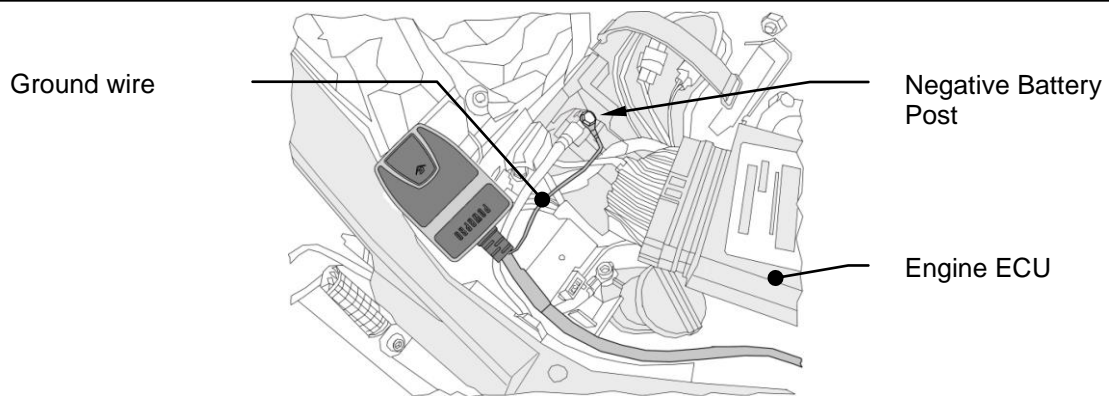
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**FIGURE 1**



**FIGURE 2**



**FIGURE 3**

(Engine ECU moved to side for easier access to battery post)

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