

## Items Supplied >

- 1 – Powrpro Black Fuel Injection Module
- 5 – Zip Ties 6"
- 1 – Velcro Strip

## Application(s) >

HARLEY SPORTSTER XL1200 14-20

## Instruction Manual >

92-1623B

Page 1 of 2

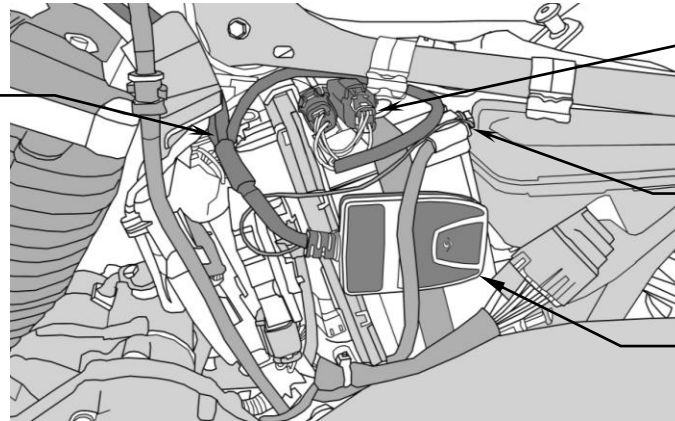
**Read all instructions carefully and completely before installing your new POWRPRO module. It is recommended that a qualified mechanic or technician install this product.**

1. Remove the seat and open left side cover, (first pull top of cover outward, then bottom of cover will swing downward for access). Remove the bolt at the rear of the fuel tank and prop the tank up as high as possible without striking the front of it on triple clamp to gain access to fuel injectors.
2. Locate the factory connector on each fuel injector, squeeze on both sides and pull them away from the injectors.
3. Velcro the Fi2000 module to the side of the battery so that the module housing is no higher than the top of the battery, see Figure 1.
4. Feed the Fi2000 wire harness up along the left side of the frame, resting in the plastic main harness guide so the connectors end up in the injector area. The fuel injectors can rotate on their base, rotate them towards the left side, as far as they will go to allow Fi2000 connector to fit on injector. Do not force them any further then they will rotate.
5. Using the Fi2000 injector harness labeled front, mate the Fi2000 female connector onto the front fuel injection connector (it may look a little different then the stock female Harley connector.) Plug the male Fi2000 connector into the original female Harley connector. Repeat using the other pair of connectors for the rear injector. Make sure to keep the correct orientation for the front and rear injectors and connector harnesses, see Figure 2.
6. It is now time to install the oxygen sensor harnesses. Locate the rear O<sub>2</sub> connector that is resting directly on top of the battery, see Figure 1. Unplug it, and plug the corresponding Fi2000 connectors from the shorter harness into the Harley connectors and place both sets of connectors in the original mounting spot.
7. Now route the longer O<sub>2</sub> harness up along the upper frame rail next to the injector harness from Step 4, and forward to the left front frame down tube. Locate the front O<sub>2</sub> sensor connectors clipped to the left front frame rail and continue the front Fi2000 O<sub>2</sub> harness to here, see Figure 3. Unplug the factory connection and plug the corresponding Fi2000 connectors into the matching Harley connectors. Use the factory U-clip to hold the connections to the frame down tube. Tuck both sets of connectors down low, with the exposed wires facing downward, zip tie the O<sub>2</sub> harness along the frame rail and behind the tank with 6 inch zipties.
8. Attach the ground wire to the negative battery terminal.
9. 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.
10. Lower the fuel tank and reinstall bolt securely, be sure no wires' harnesses are pinched as fuel tank is lowered down. Re-install the seat and close left side cover, be sure the plastic lugs of the cover seat correctly.

**DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES. Tech Support <https://fi2000.com>**

Fi2000 HARNESSES  
ROUTED TO FUEL  
INJECTORS & FRONT  
O<sub>2</sub> SENSOR

FRONT OF  
MOTORCYCLE  
←



REAR O<sub>2</sub> SENSOR  
CONNECTED WITH  
REAR Fi2000 O<sub>2</sub>  
HARNESS

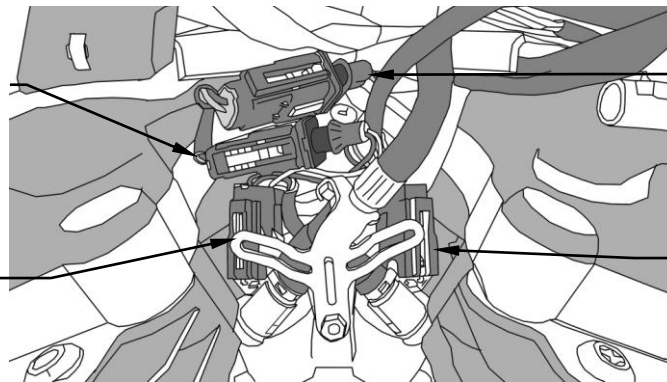
GROUND WIRE  
CONNECTED TO  
NEGATIVE BATTERY  
TERMINAL

Fi2000 MODULE

FIGURE 1

ORIGINAL FRONT FEMALE  
H.D. INJECTOR  
CONNECTOR WITH MALE  
Fi2000 CONNECTOR

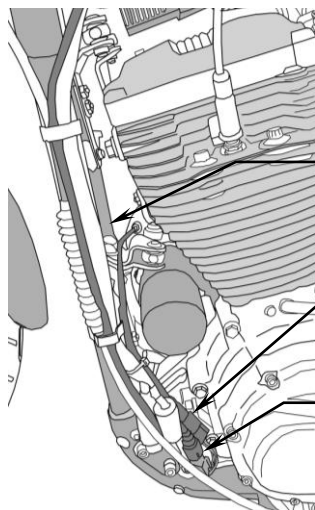
FRONT Fi2000 INJECTOR  
CONNECTOR ON FRONT  
INJECTOR



ORIGINAL REAR FEMALE  
H.D. INJECTOR  
CONNECTOR WITH MALE  
Fi2000 CONNECTOR

REAR Fi2000 INJECTOR  
CONNECTOR ON REAR  
INJECTOR

FIGURE 2



LEFT FRONT  
FRAME DOWN  
TUBE

Fi2000 HARNESS  
WITH O<sub>2</sub> SENSOR  
CONNECTOR

STOCK HARNESS  
WITH Fi2000  
FEMALE  
HARNESS  
CONNECTOR

FIGURE 3