

Items Supplied >

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

Application(s) >

HARLEY SPORTSTER 07-13

Instruction Manual >

92-1620B

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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.

1. Remove the seat and left side cover, (first pull top of cover outward, then bottom of cover upward to release from mounting tabs). 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. And by squeezing on both sides pull them away from the injectors.
3. Disconnect the main fuse block located on the battery hold down strap and then Velcro the Fi2000 module to the battery hold down strap so that the module housing is no higher than the top of the battery. Now use the extra Velcro pad to re attach the main fuse block, 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, (towards the horn), 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 longer Fi2000 injector harness, mate the Fi2000 female connector onto the front fuel injection connector, (it will look a little different then the stock female Harley connector.) Plug the male Fi2000 connector into the original female Harley connector. Repeat using the shorter harness 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 O₂ connector that is directly behind the rear cylinder on the right hand side. Slide it downwards until it releases then unplug it. Plug the corresponding Fi2000 connectors from the shorter harness into the Harley connectors and clip the Harley female connector back onto its original mounting spot.
7. Now route the longer O₂ harness down and forward along the left side bottom frame rail. Ziptie the harness in 3 places. The connectors will end up at the front O₂ connection. Unplug the factory connection and again plug the corresponding Fi2000 connectors into the matching Harley connectors. Use one ziptie and the factory U-clip to hold the connections to the frame down tube. See Figure 3.
8. Attach the ground wire to the ground lug on the backside of the primary chain case area.
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. Re-install the seat and left side cover.

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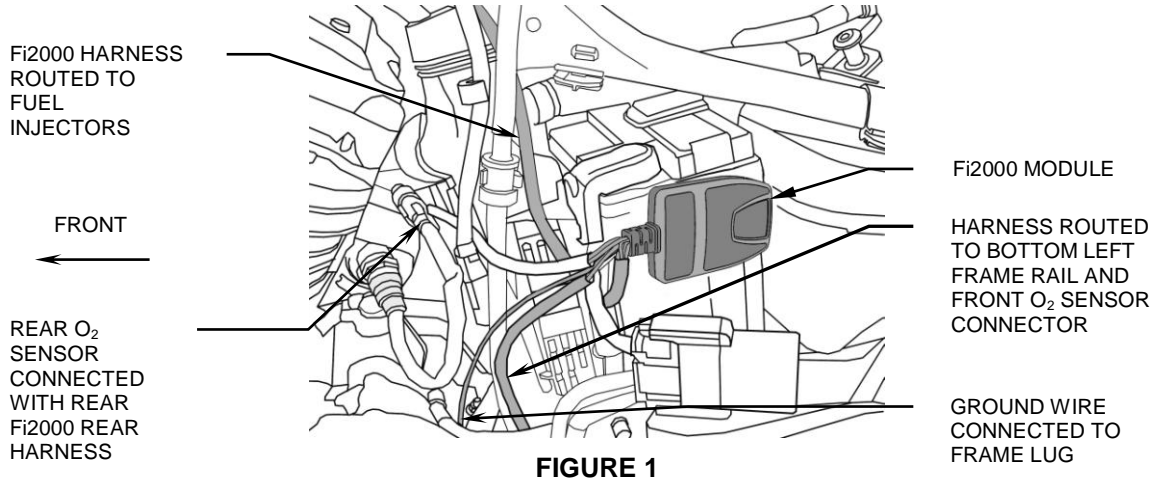


FIGURE 1

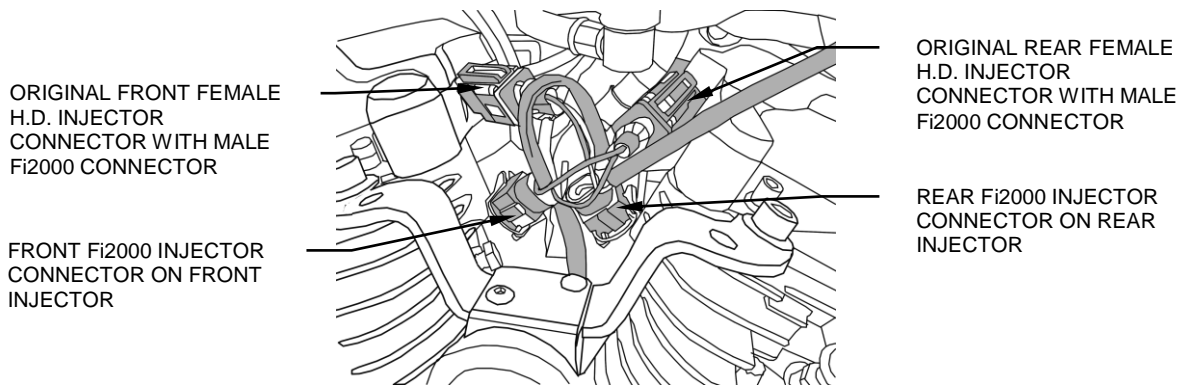


FIGURE 2

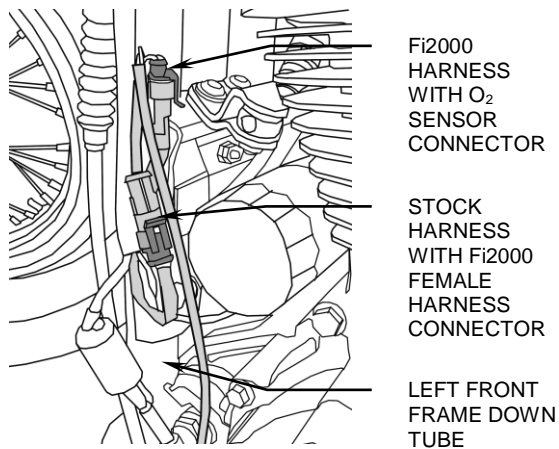


FIGURE 3

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