

Items Supplied >

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

Application(s) >

HARLEY DRESSER 2008-2009
POLICE BIKE ONLY

Instruction Manual >

92-1627B

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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 by removing the Phillips head screw at the rear of the seat and sliding it back. Remove the right side panel by pulling it out of the three retaining grommets.
2. Place the Fi2000 module on top of the ECU, see Figure 1. Run the two oxygen sensor harnesses inside the right side frame rail and plastic housing for the stock wiring. Look for the fuel tank vent hose and follow it.
3. Locate and unplug the connector for the rear oxygen sensor. Plug the male connector of the shorter oxygen sensor harness into the connector on the oxygen sensor. Now plug the female pigtailed connector into the connector on the motorcycle's stock harness, see Figure 2.
4. Route the longer front oxygen sensor harness along the lower frame rail with the stock wiring harness. Using the supplied zip ties secure the harness to the lower frame rail. Make sure it is clear of any moving or hot parts.
5. Locate and unplug the connector for the front oxygen sensor. Plug the male connector of the oxygen sensor harness into the connector on the oxygen sensor. Now plug the female pigtailed connector into the connector on the motorcycle's stock harness, see Figure 3. Using the supplied zip ties secure the oxygen sensor connector to the small frame brace.
6. Remove the two bolts at the back of the fuel tank and raise the fuel tank as far as possible. Use a small block of wood to prop up the tank. **Note:** The handlebars must be turned to one side to perform this step.
7. Route the injector harness forward up the right side of the motorcycle and under the fuel tank so it ends at the same location the stock wiring drops down to the throttle body. Tuck the harness between the right frame rail and plastic wiring housing.
8. Locate the factory connector on each fuel injector. Depress the tab on either side of the connector and pull the connector free from the injector. Move it out of the way, see Figure 4. **Note:** A pair of needle nose pliers and a long flat blade screwdriver helps with this job.
9. Attach one pair of the Fi2000 module's injector plugs to the front injector. Take the original HD connector and insert the corresponding Fi2000 connector into it. Repeat this step on the rear fuel injector.
10. Attach the ground wire to ground lug and Velcro the Fi2000 module to the top of the stock ECU, see Figure 1.
11. 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.
12. Lower the fuel tank and replace the two mounting bolts. Then replace the right side panel and seat.

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

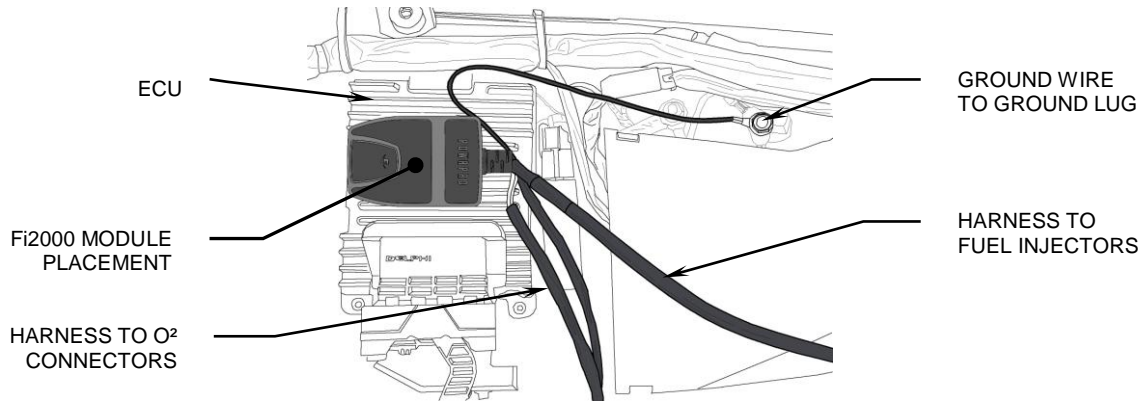


FIGURE 1

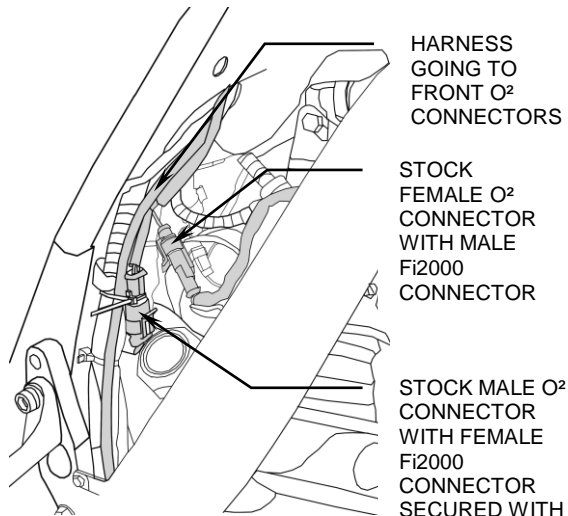


FIGURE 2

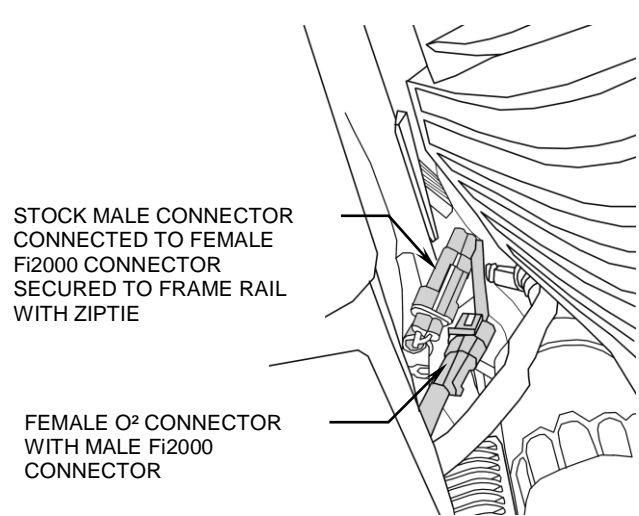


FIGURE 3

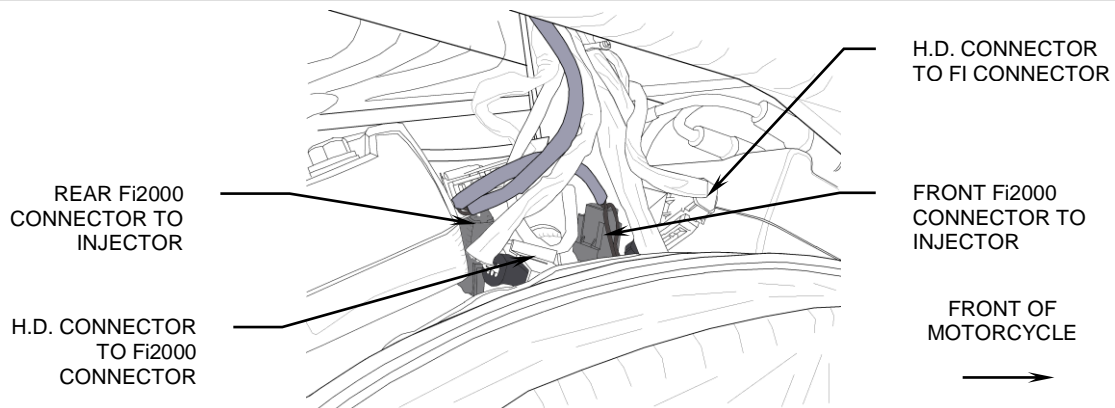


FIGURE 4