

Items Supplied >

- 1 – Fi2000AT Fuel Injection Module
- 2 – Zip Ties, (1): 3/32" x 6"; & (1): 3/16" x 8"
- 1 – Velcro Strip
- 1 – Rubber Fuel block off Nipple

Application(s) >

- Honda VTX 1800C/R/S 02-Up
- Honda VTX 1800F 05-Up
- Honda VTX 1800N 04-Up

Instruction Manual >**92-1650AT**

Page 1 of 3

Read all instructions carefully and completely before installing your new Fi2000AT 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 and the right side cover. Remove the chrome dash mounted on the top of the fuel tank. The gas cap will temporarily have to be removed to perform this. Put the gas cap back on after the dash has been carefully moved out of the way (no wires will have to be unplugged.)
2. At the back of the gas tank remove the bolt securing the rear of the tank and gently pull (or wiggle) the fuel tank backwards until it just clears the two rubber locating pucks at the front. It is unnecessary to unplug any wires from the tank. In order to raise the rear of the gas tank on some models for access, **perform the following step in a well-ventilated area, free of open flame. To prevent severe fuel spillage and draining of the tank** use locking pliers to pinch off the rubber fuel hose at the left rear corner of the tank prior to disconnecting it. Immediately install the supplied rubber cap on the tank fuel nipple to prevent tank draining, Figure 3. Once this has been done, lift the rear of the tank up approximately 8" and use a secure prop to hold it in that position.
3. Remove the Allen bolts on the air cleaner assembly, remove the cover and the filter. Next remove the Phillips head screws around the air funnels and remove it. Now pull the air box away from the throttle bodies just until it drops down about 2". If desired for greater access, the air box may be completely removed by disconnecting the wires and vacuum hoses.
4. Place the Fi2000 module on top of the ECU and route the wire harness forward and under the gas tank-mounting bracket, then up and over the ignition coil mounting bolts and into the area behind the air box mounting location
5. The injector connectors are accessible directly under the frame backbone, the front injector connector is brown, and the rear is gray. Unplug them and plug the Fi2000 matching connectors to the injectors, the forward most Fi2000 connector matches to the injector that has the original brown harness connector, Figure 1. Next, plug the corresponding male Fi2000 connector into the original Honda Fi2000 connectors.
6. Position the air box back in line with the throttle bodies and push it back into place, reinstall the screws, filter and external cover and fuel line.
7. Attach the black ground wire to the bolt (10mm head) at the top of the area covered by the right-hand side panel. Position and Velcro the Fi2000 on to the ECU as shown in Figure 2.

*** Cobra® recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely.**

8. Verify the wire connections; turn on the ignition and watch the Fi2000 LED logo, confirm that the LED blinks several times then turns off. If you do not see any blinking, 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, clutch is in and handle bar engine switch is set to run (where applicable). Start the bike and the Fi2000 logo should remain solid red, which confirm the unit is fully functioning. If it flashes while the bike is running, turn off the bike and recheck that all harness connections (injectors, ground wire, and O2 sensors when applicable) have been properly made. Re-verify by turning ignition on while watching for flashing LED, prior to starting. Start and confirm LED remains ON solid red. NOTE: Make sure ignition is turned off before attempting to change any Fi2000 harness connections.

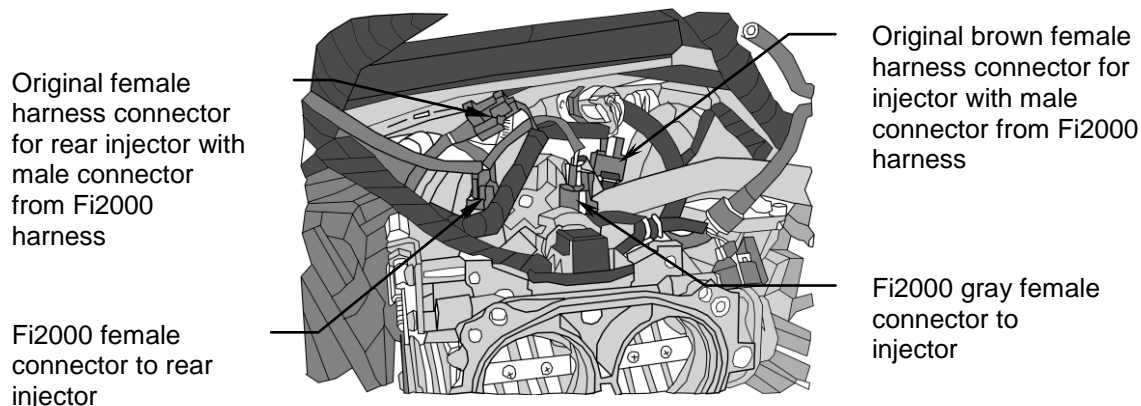


FIGURE 1

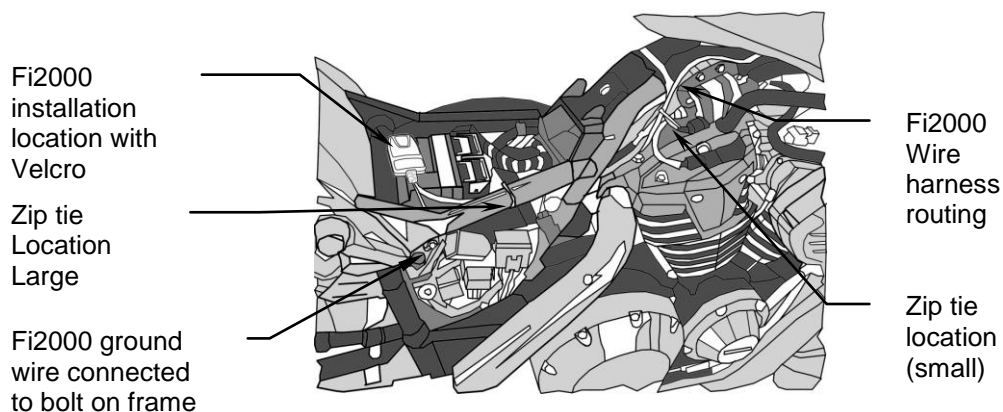


FIGURE 2

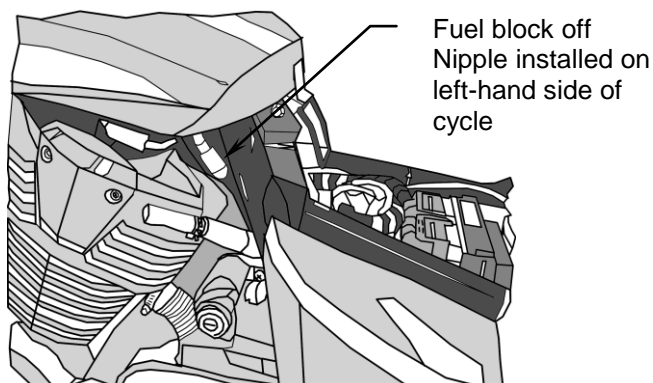


FIGURE 3

NOTE: For California riders we offer Air Resources Board approved Fi2000R ARB units. (ARB E.O. No. D-633-1). All other Fi2000 models are not legal for street use in California.