

Critical Importance—

Read Before Making Any Connections!

Congratulations on your purchase of this EFI System Pro Auxiliary Wideband O2 Sensor Kit. A few notes to ensure your success.

1. This kit is designed to add a second WBO2 sensor to the Holley Dominator-series ECU's (including the Terminator ECU that is capable of transmission and drive-by-wire throttle body control.) The harness will not work on the HP ECU (or Terminator ECU's other than those capable of transmission and drive-by-wire throttle body control.) If you do not have the appropriate ECU for this kit please contact us to arrange a return before going any farther.

2. The O2 sensor in this kit is either an NTK or Bosch sensor. That can be confirmed by looking at the body of the O2 sensor. It is imperative that you take a moment to look now at the sensor and confirm the type. Do not assume that the packing material is correct. It will be one of the following:

Bosch Sensor: 226R66 B (as in "Bosch"), or

NTK Sensor: 226-R60 N (as in "NTK").

3. You cannot mix and match O2 sensors on your ECU. If your existing primary sensor is a Bosch sensor, you can only add this as a secondary sensor if it is a Bosch sensor. If your existing primary sensor is an NTK sensor, you can only add this as a secondary sensor if it is an NTK sensor. If the sensor in this kit is not the same type as the one on your system please contact us now to arrange an exchange.

4. Connecting an O2 sensor to your ECU that is not correctly configured for that type of O2 sensor will kill the sensor. No refunds, exchanges, or other remedies are possible in this situation.

5. It is necessary to use the Holley EFI Software to configure this second O2 sensor. It cannot be done via the 3.5-inch Handheld Display. If you need assistance downloading and connecting to the software, please contact us and we'll be glad to assist.

6. In the software, go to the System ICF > Engine Parameters and you'll see "Wideband O2 Sensors" on the upper right corner of the main window. First, confirm that the sensor type shown in the software matches the sensor you received in your kit. If it does not match then DO NOT CHANGE IT. This means you have a different type of sensor currently in your system. Contact us about exchanging the sensor you received. If the sensor type shown in the software

matches then change the number of sensors from 1 to 2. You will be prompted to select a sensor averaging scheme. We recommend "Average" (the default selection.) If you'd like to read about the other options, simply click on the "Help?" at the top of the screen and then click on "Sensor Averaging" and it will give you a run-down of all of the options.

7. Once you've completed step 6, sync your Holley EFI Software with the ECU, doing a "Send To ECU" to upload your changes. You have completed the configuration change.

8. At this point you are safe to connect your new sensor to your ECU. Start by installing the O2 sensor in its new location. Plug the 4-foot extension harness to the sensor on one end, and into connector P2A on the ECU on the other.

9. If the connectors are too large to fish through your firewall, it is easy to remove the pins from the connector on the ECU end. BEFORE YOU REMOVE THE WIRES MAKE CAREFUL NOTE OF THEIR LOCATION. If you replace the pins in the wrong order you will destroy your sensor. Hint: Use your cell phone to take pictures before disassembly. Make special note that there are TWO black wires. Mark one of them so you know which is which after you remove them from the connector. You will see a white tab on the body of the connector about 3/8-inch in width. If you depress this with your thumbnail you will open the connector and the wires can be removed. Once you re-insert the pins into the connector you will see two smaller white tabs on opposite side of the connector. Ensure the pins are all the way inserted (sometimes a challenge) and then click these white connectors to re-lock the connector.

10. It is usually best to connect the harness in this kit to O2 sensor that is closer to the ECU. Use the connector on the main harness to connect to the sensor that is farther from the ECU. This harness will work with either sensor. If that still doesn't give you enough harness between the ECU and the sensor then 4-foot extensions are available. Contact us.

Thank you again for your purchase!

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