



Twin Tec

TCFI IID Upgrade Kit Instructions

**CAUTION: CAREFULLY READ INSTRUCTIONS BEFORE PROCEEDING.
NOT LEGAL FOR USE OR SALE ON POLLUTION CONTROLLED VEHICLES.**

OVERVIEW

These instructions are applicable to customers that are upgrading single WEGO sensor TCFI II systems to the TCFI IID dual sensor version.

The upgrade kit includes a dual channel WEGO IID, an additional Bosch LSU 4.2 sensor and weld nut, a complete set of instructions, and software on CDROM.

UPGRADE PROCEDURE

1. Your TCFI II controller must be returned to Daytona Twin Tec for reprogramming. At the same time we will convert your existing setup data to the new format required for the TCFI IID. We offer 24 hour turnaround on reprogramming. The reprogramming service and return freight via UPS Ground is included in the upgrade kit pricing. If you require air freight or overseas shipping, additional charges will apply. Please call us at 386-304-0700 for a return authorization number.
2. Install the WEGO IID in place of your original WEGO II. You can use the same power and ground hookup. Refer to the WEGO IID instructions. Make sure that you install the white and blue signal wires as shown in the instructions.
3. Perform the free air calibration procedure as explained in the WEGO IID instructions. This should be done with the sensors dangling in free air. After completing the procedure, reinstall both sensors.
4. Uninstall your original PC Link TCFI software. You will not be able to use this software with the new TCFI IID system. If you are a dealer that has customers using the original TCFI II system, you can retain the original PC Link TCFI software. Installation of the new PC Link TCFI IID software will not overwrite the original software.
5. Install the new PC Link TCFI IID software.
6. Install the new version of TCFI Log software. The installation program will overwrite any older version. The new version of TCFI Log software is fully backwards compatible with all TCFI controller revisions.
7. When you receive your reprogrammed TCFI IID controller, reinstall it. Then use PC Link TCFI IID software to download the setup data that was converted during reprogramming at Daytona Twin Tec. Save this setup data to disk and use it as a basis for any further tuning or modifications.
8. At this point, the engine should run properly with the new TCFI IID system. We suggest that you review the new TCFI IID Tuning Manual and make sure that all the suggested tuning steps have been completed.

WARNING: After completing the conversion, do not attempt to use any old setup files created with the original PC Link TCFI software. While the new PC Link TCFI IID software can open old files, there are a number of tables and parameters that must be changed for compatibility with the new TCFI IID system.