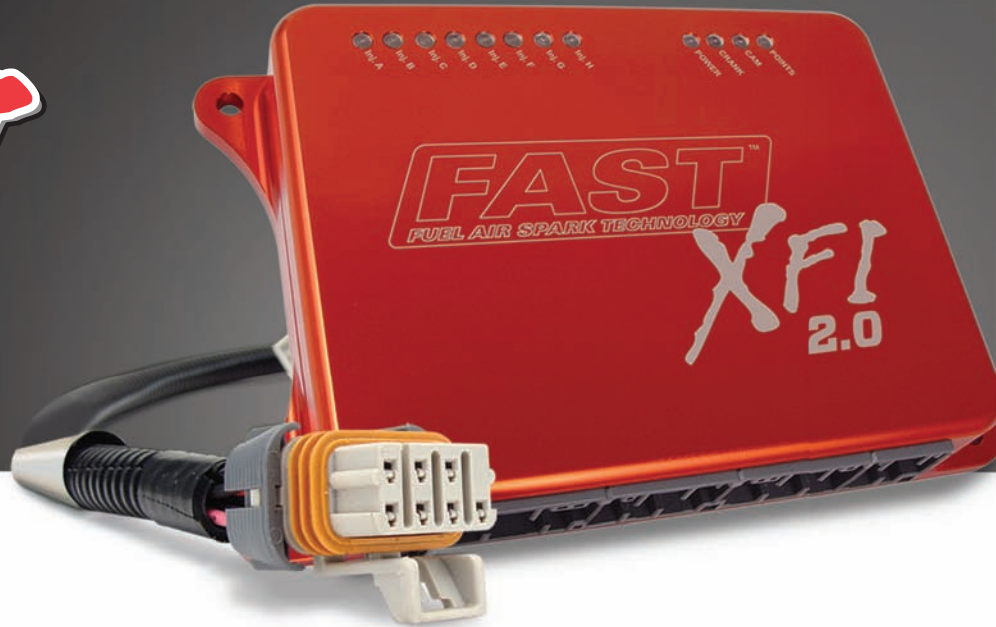


INTRODUCING THE ALL NEW

XFI 2.0™



RACERS TALKED - WE LISTENED

After listening to racer and customer input and appeals for specific features, FAST™ engineers have designed the revolutionary XFI 2.0™. It boasts improved and expanded functions, capabilities, adjustability and an extensively expanded user interface relating to power adders, including advanced forced induction, progressive controllability and other advanced racing specific strategies and

features. And that's not even mentioning the new self tuning option that's also included! This is the one EFI system with truly revolutionary features and capabilities in an easy-to-use package that precisely balances fuel and spark, allowing you to fine tune and precisely control like never before.

NEW XFI 2.0™ FEATURES

Advanced Forced Induction, Power Adder & Race Controls

The advanced forced induction, power adder and race controls include two separate, fully programmable sequential rev limiters for staging or boost building with six options for activation, four priority assignments and a user selectable sequential or random mode of rev limiting.

- **Forced Induction Controls** include: time based boost controller, user selectable fixed VE and/or fixed timing for boost building and staging repeatability
- **Progressive Power Adder Controls** include: configurations for both wet or dry applications, separate tables for power adder solenoid control and fuel control for perfect dry power adder tuning, user adjustable solenoid pulse frequency for optimum solenoid controllability, choice of fixed target air/fuel or standard air/fuel table for correction and a dry power adder fuel delay in milliseconds for correcting rich spikes on activation
- **Internal Data Logging Controls** include: separate arming input option
- **Intelligent Traction Control™** includes: user adjustable delay to ignore erroneous starting line activation data and separate output wire activation upon ITC triggering



Self Learning Auto Tuning VE Table*

The Self Learning Auto Tuning VE Table is a new automated process option that makes for quick and easy fuel mapping with the XFI 2.0™. However, this option can be turned off should the user prefer to do the tuning manually. The self learning mode can also be used to speedily and accurately populate a base tune and then turned off for more fine tuning or custom control by the user – it's all up to you when and how you want to use it. The C-Com® software features enable conditions to turn it on/off automatically and also has an overall enable/disable feature.

**XFI 2.0™ C-Com® software requires suitable PC computer for use*

Additional Features

User Adjustable Battery Voltage Injector Opening Correction Table

Fixed Timing "TEST" Mode: easy verification of ignition timing accuracy

Spark vs. Coolant Temp Offset Table

User Configurable Target Air Fuel Offset Table vs. Coolant Temp Table: more accurate warm-up enrichment

User Selectable Safety Feature: deactivates all power adder features in event of fault code

Automatic & Manual TPS Calibration Modes

Additional Transbrake Control Features

Improved On-Board Diagnostics



Original XFI™ Features Included in XFI 2.0™

Hardware

The XFI 2.0™ uses the latest in flash microprocessor technology to deliver a significantly faster processing speed. It processes, analyzes and adjusts four times faster than previous EFI systems. In addition, a surface mount component circuit board and billet ECU enclosure give the XFI 2.0™ superior durability. And to simplify installation, FAST™ offers engine-specific wiring harnesses with clearly labeled connections.

Software Advances

The C-Com® XFI™ Windows-based software is easy to navigate and incorporates field flashable capabilities that enable you to download the latest software updates via email or directly from the FAST™ website. Stay current without ever removing the XFI 2.0™ from your vehicle.

Technology

The XFI 2.0™ features Qwik Tune™ Technology that allows ECU programming without a laptop. Preprogram up to four different EFI MAPs (eg. one for daily driving, one for fuel economy, and one for racing), and select the tune-up you need with the flick of an in-car switch. Other features include on-board diagnostics, EZ Test™ Indicator Lights, five bar MAP sensing and controls for your power adder and torque converter.

Standard Features Include:

Built-in wide-band O₂ • Fully sequential and/or bank-to-bank capability • Individual cylinder correction • Fan and fuel pump control • Dynamic scaling of vectors in 2D & 3D tables • Scalable TPS, air temp, water temp and MAP calibrations • 1, 2, 3 and 5 bar MAP capability • Spare user definable inputs/outputs for miscellaneous functions, such as shift light output, auxiliary fan control and EGT monitoring • Torque converter lockup control • Air conditioning wide-open throttle cutout • Boost control • Enhanced 4 stage power adder controls • Multiple calibration stored in ECU w/ switching capability • L-key function for easy steady-state table correction using wide-band O₂ • On-board diagnostics • Fuel and oil pressure logging • Adjustable injector timing • Multiple ignition strategies, such as HEI, DIS, TFI, Ford EDIS, IPU (inductive or discreet/hall effect)

OPTIONAL SYSTEM UPGRADES

Internal Data Logging (IDL)

The internal memory-based data logging option gives comprehensive data from all vehicle sensors and powertrain controllers. IDL allows recording of up to 24 input channels and sensors to instantly assemble a comprehensive, real-time picture of exactly what is going on under the hood of your vehicle. It doesn't require additional hardware and is an affordable option compared to purchasing an external data logger.

Intelligent Traction Control™ (ITC)

Intelligent Traction Control™ solves the problem of lost traction that results from trying to put too much engine power to the ground with too little tire by using state-of-the-art predictive software in conjunction with the most sophisticated electronics in the industry.

Intelligent Traction Control™ is not legal in all sanctioning bodies/classes; check your rules before using.

16 Injector Option

This allows the XFI 2.0™ injector drivers to operate up to 16 injectors and includes the injector Y adapter.

XFI 2.0™ features are now standard on all newly purchased XFI™ units; an inexpensive XFI 2.0™ firmware upgrade can also be purchased to update your existing XFI™ without the expense of purchasing a completely new system. Call 1.877.334.8355 or visit www.fuelairspark.com for more information.

