

ELECTRONIC FUEL INJECTION SYSTEM

**NEW XFI™
SYSTEM OFFERS
REVOLUTIONARY
FEATURES IN AN
EASY-TO-USE
PACKAGE**



www.fuelairspark.com

FAST™
FUEL AIR SPARK TECHNOLOGY

901-260-FAST

NEW XFI™ ELECTRONIC FUEL INJECTION SYSTEM

Tuning an aftermarket EFI unit has traditionally been an intimidating proposition. Now, thanks to FAST™'s new XFI™ Electronic Fuel Injection System, you can enjoy the benefits of the industry's most advanced EFI technology in a compact, easy-to-use package. The product of over three years of intensive research and development, the XFI™ represents revolutionary advances in several key areas:

HARDWARE IMPROVEMENTS

To make a better system you first have to start with the hardware. The XFI™ uses the latest in flash microprocessor technology to deliver a significant increase in processing speed. This means the XFI™ can process, analyze and adjust four times faster than previous EFI systems. Additionally, a surface-mounted circuit board and billet ECU enclosure give the XFI™ superior durability. And to simplify installation, each unit comes with an engine-specific XFI™ wiring harness featuring clearly labeled connections.

SOFTWARE ADVANCES

FAST™'s original C-COM™ software was widely hailed as a breakthrough in the area of user friendliness. The XFI™'s Windows-based software is built upon its predecessor's easily navigable user interface, but incorporates several previously unavailable features. And the XFI™'s "field flashable" capability means you can download the latest software updates via e-mail, or directly from the FAST™ website. Stay current without ever removing the XFI™ from your vehicle.

SPECIAL FEATURES

Designed for in-car tuning without a laptop, the XFI™ features Qwik Tune™ technology that allows you to choose from among four levels of tuning at the flip of a dash-mounted switch. Optimize one setting for everyday driving, others for racing conditions, and still another for improved fuel economy. Other new features include on-board diagnostics; EZ Test™ indicator lights; four- and five-bar MAP sensing; and controls for your power adder, torque converter, and air-conditioning compressor. The XFI™ also offers enhanced data logging capabilities and memory for analyzing fuel pressure, oil pressure, and exhaust gas readings.

Whether you're a novice tuner or a seasoned pro, the FAST™ XFI™'s unrivaled power, ease of use, and industry-leading technical support make it an unbeatable choice for your next high-performance engine project.

ALL SYSTEMS COME STANDARD WITH:

- Built-in Wideband O2
- Fully sequential and/or bank to bank
- Individual cylinder correction
- Fan and fuel pump control
- Dynamic scaling of both MAP and RPM for each 3D table
- Scaleable TPS and MAP calibrations
- 1, 2, 3, 4, and 5 bar MAP now available
- Spare user defineable inputs/outputs for miscellaneous functions such as:
 - Shift light output
 - Auxiliary fan control
 - Exhaust gas temperatures
- Torque converter lockup
- Air conditioning idle bump-up
- Air conditioning wide open throttle cutout
- Boost control
- Enhanced 4 stage power adder controls
- Multiple calibrations stored in ECU w/switching capability
- L key function for easy steady-state table correction using wideband O2
- On-board diagnostics
- Fuel and Oil pressure logging
- Adjustable injector timing
- Adjustable O2 signal filter
- Multiple ignition strategies such as:
 - HEI
 - DIS
 - TFI
 - FORD EDIS
 - IPU(INDUCTIVE OR DISCREET/HALL EFFECT)



EFI-HELP™
901-260-FAST

HOW TO ORDER

While we were figuring out ways to make our software easier to use we decided that we could also make other things involved with the new XFI™ easier, like ordering your new XFI™ system. We've created many, many more application-specific main harnesses, fuel injector harnesses, and other option harnesses for you to choose from. Let us take you through ordering your new XFI™ system step by step.

STEP 1. Order your XFI™ ECU with built-in Wideband O2 capability. It comes complete with our C-Com XFI™ version software and communication cable.

STEP 2. Order your main harness. There are several new applications to choose from.

STEP 3. Order your ignition adapter harness. FAST™ takes great pride in offering you a wide selection of completely terminated harnesses to make your application truly "plug-in" without the need for cutting, stripping, and modifying other harnesses.

STEP 4. Order your fuel injector harness. FAST™ offers a variety of applications to eliminate the need to re-pin the injector harness like several other manufacturers.

STEP 5. Order your option harness. FAST™ offers as many applications as possible to assist you in completing your XFI™ system, regardless of your application.

PART#	DESCRIPTION
ECU	
30-1000	ECU (NTKO2)
30-1001	ECU (NTKO2 W/16 INJECTORS)(incl. Fuel injector Y adapter)
30-1100	Main harness (GM TPI)
30-1101	Main harness (GM LT1/LS1)
30-1102	Main harness (Ford 5.0L, 5.8L, 7.5L)
30-1103	Main harness (Ford 4.6L, 5.4L)
30-1104	Main harness (Dodge 5.7L Hemi)
30-1105	Main harness (Universal)
30-1106	Main harness (Rear Engine Dragster)
30-1107	Jumper board for Dyno use only (XFI™ to previous design)
30-1200	18436572 firing order (SBC, BBC, LT1, all Chrysler products)
30-1201	18736542 firing order (SBC, BBC with 4/7 swap cam)
30-1202	18726543 firing order (GM GEN III LS1, LS2, LS6)
30-1203	13726548 firing order (Ford 4.6L, 5.0L, 5.4L, 5.8L)
30-1204	15426378 firing order (Ford 289, 302, FE, 429, 460)
30-1205	Y adapter for multiple injector applications
30-1206	Buick V6
30-1207	4 cylinder
	ss kit part# & it designates a connector-only kit)
30-1300	IPU
30-1301	Hall Effect
30-1302	GM HEI
30-1303	Superceded to 30-1304
30-1304	GM LT1(long connector)
30-1305	GM GEN III (LS1, LS2, LS6)(includes Edist)
30-1306	GM Northstar (includes Edist)
30-1307	Buick V6 (early)
30-1308	FORD TFI
30-1309	FORD 4.6/5.4L (includes Edist)
30-1310	DODGE 5.7L HEMI (includes Edist)
	# & it designates a connector-only kit)
30-1400	Power Adder
30-1401	Flash kit
30-1402	Analog input kit
30-1403	VSS and Aux. Shaft kit
30-1404	Switching Outputs (terminated to push into connector directly)
30-1405	EGT kit
30-1406	Fan and Fuel Pump kit
30-1407	Fuel/Oil pressure sending unit kit
30-1408	Single pressure sending unit kit



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