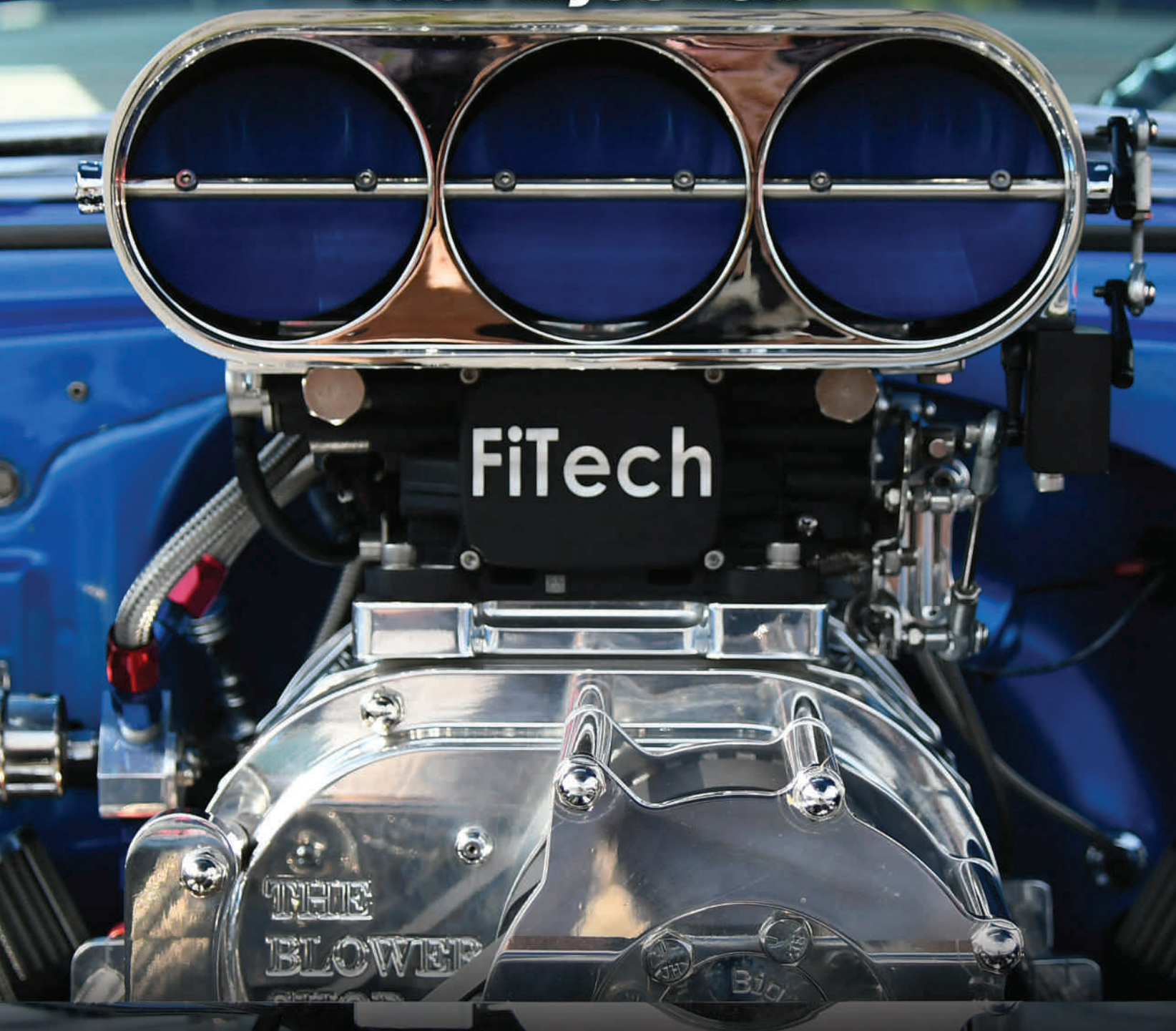


FiTech

Fuel Injection



CATALOG V3.0

Welcome to FiTech Fuel Injection

FiTech was launched with the goal to produce high quality electronic fuel injection technology to hot rod enthusiasts but in an affordable and easy-to-install system. Our first Go EFI Throttle Body systems delivered outstanding value and performance with OEM level functionality and improved driveability. Today we offer a number of different fuel injection systems ranging from 2-barrel upgrades to dual quad systems prepped for boost and nitrous to support 1,200 horsepower! Not only has our line of EFI components expanded, but we have also developed the Go-Shift Transmission Controller and a number of fuel delivery solutions in the form of our Force Fuel and Go Fuel product lines.



All of our new products are engineered to deliver performance and value, while being easy to install and use. Every new system is designed and developed in Riverside, California using OEM level engineering resources, and components. Our software includes OBDII diagnostic readouts and limp home modes, just like factory ECU's. All of our EFI systems use advanced self-learning technology to constantly adjust to the meet the demands of your engine regardless of climate or altitude. To keep things as easy as possible, everything can be programmed with the supplied touch screen monitor – no laptops are required!



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CUSTOMER SUPPORT

We want to provide the best service possible. If you have any questions or comments, feel free to e-mail or call using any of the information below.

FiTech Fuel Injection

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Riverside, CA 92503
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Sales Email – sales@fitechefi.com

Tech Email – techmail@fitechefi.com

For help with orders please send email to: orders@fitechefi.com

Follow us!



NEW PRODUCTS



50004

Force Fuel System

The all new Force Fuel System makes the upgrade to fuel injection even easier! The Force Fuel simply connects to a stock mechanical or electric fuel pump then supplies the EFI system with the required high pressure through the use of an internal 340-LPH pump. This means you don't need to run a new feed line from the tank!

The Force Fuel is easy to mount under the hood thanks to its dual-position bracket. The kit is supplied with a serviceable 10-micron filter, five feet of high pressure hose, AN fittings, a gauge and clamps. See page 29 for more information.

10-Micron Filter

The new Go Fuel 10-Micron filter is designed to go between the fuel pump and the EFI system or carburetor. The billet assembly features a serviceable magnetic element that will trap debris down to 10-microns to ensure nothing but clean fuel makes it to the injectors.



55001

Universal Check Valve

This universal check valve will keep the fuel from leaking back into the fuel tank when your car is parked. This keeps the system primed and ready for quick starts and consistent performance.



55002


Go Fuel In-Tank Pump Module

You don't need to change your fuel tank when you swap to a FiTech EFI system! The new Go Fuel In-Tank Pump Module is a universal design that allows you to install an electric fuel pump into most gas tanks as well as those offered by TANKS Inc. The assembly can be used on tanks ranging from 6" - 15" in depth and is supplied with a 340 LPH pump. The inlet and outlet are machined to accept ORB -6AN fittings and a vent outlet is provided on the opposite side creating a compact, easy to plumb system. Check out more on page 30.



50015

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NEW PRODUCTS



30021

Go EFI Classic Black

Looking for modern EFI performance with the looks to match? The new Classic Black EFI system is finished in a durable matte black and delivers the driveability benefits you expect from a self-learning EFI system. All of the necessary wiring and sensors are supplied as well as the compact, rugged ECU. The Classic Black will support normally aspirated engines producing up to 550 horsepower. Find out more on page 15.



38302

Ultra Ram EFI for Big Block Chevy

Our popular Ultra Ram EFI System is now available for big block Chevy engines with rectangle port heads! The custom sheet metal intake is supplied complete with everything ready to bolt on to your engine including injectors, sensors, wiring harness and the self-learning ECU. Learn more on page 21.

Go Fuel Regulators

We're adding two new regulators to our Go Fuel line; a compact model and a larger, dual outlet version. Both Regulators are able to handle high flow fuel pumps and are adjustable from 30 - 70 psi. See page 31 for details.



54001



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THROTTLE BODY

EFI Systems

With FiTech Go EFI systems, not only do you get the very latest in EFI technology, but you get the most affordable full featured systems available. You can pay more, but you won't get anything better than FiTech. We offer several different systems to fit the needs and budgets of hot rod enthusiasts. Below are just some of the features you'll see with our different Throttle Body EFI systems.



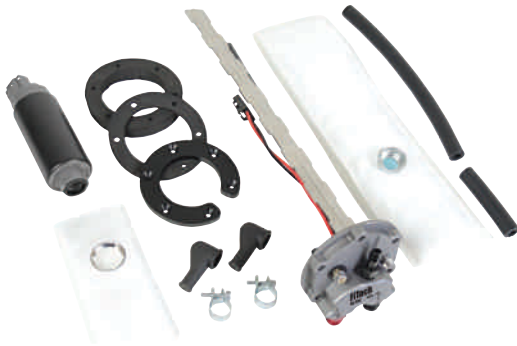
- *The fastest, most accurate self-learning technology available*
- *Wet flow annular discharge for superior fuel atomization*
- *Both 4-injector and 8-injector systems offered*
- *Power Adder versions support supercharging, turbocharging or nitrous*
- *Multi-bolt pattern mounts to most intakes*
- *Reliable Wide-Band Oxygen sensor*
- *Polished stainless steel linkage*
- *Fan control (up to two fans on Power Adder units)*

FiTech Go EFI At A Glance						
FEATURES	Go-Street EFI	Easy Street EFI	Mean Street EFI	Go EFI 4	Go EFI 4 PA	Go EFI 8 PA
Horsepower	100-400HP	200-600HP	200-800HP	200-600HP	200-600HP	250-1200HP
Injectors	4-56 lbs.	4-80 lbs.	8-62 lbs.	4-80 lbs.	4-80 lbs.	8-80 lbs.
Self Learning	Yes	Yes	Yes	Yes	Yes	Yes
Integrated ECU	Yes	Yes	Yes	Yes	Yes	Yes
Timing Control	No	No	No	Yes	Yes	Yes
Fan Control	1 Fan	1 Fan	1 Fan	1 Fan	2 Fans	2 Fans
Boost Compatible	No	No	No	No	27 PSI	27 PSI
Nitrous Control	No	No	AFR Correction	No	Full Control	Full Control
Hand-held Tuner	Color Touch Screen	Color Touch Screen	Color Touch Screen	Color Touch Screen	Color Touch Screen	Color Touch Screen
Laptop Tuning	No	No	No	No	Yes	Yes

Many more features and options available!

COMPLETE EFI

Master Kits



To make your EFI swap as easy as possible, you can order your EFI Kit with three different fuel delivery solutions. That means one part number gets you everything you need to convert your carbureted vehicle to EFI! We offer three Fuel Pump Systems; an Inline Pump Kit, the Force Fuel System or the In-Tank Pump Module Kit. These kits are listed on each catalog page for Throttle Body Systems.

FiTech EFI Kit with Inline Pump Kit

This kit is supplied with our heavy duty 255 LPH external fuel pump that is suitable to support engines producing up to 650 horsepower. This kit includes 40 feet of high pressure fuel hose, two fuel filters including a serviceable 10-micron filter, fittings, mounts and clamps.

FiTech EFI Kit with Force Fuel System

The new Force Fuel System mounts under the hood and uses the stock fuel pump to supply fuel to the reservoir. Inside is an efficient 340 LPH electric pump that produces the high pressure required of the EFI system. This kit is supplied with the reservoir assembly and includes a built-in pressure regulator, 5-feet of high pressure hose, -6AN fittings and an efficient 10-micron serviceable fuel filter. See page 29 for more details on the Force Fuel System.

FiTech EFI Kit with In-Tank Pump Module

The Go Fuel In-Tank Pump Module is a universal design that allows you to install an electric fuel pump into most gas tanks. The assembly can be used on tanks ranging from 6"-15" in depth and is supplied with a 340 LPH pump. The inlet and outlet are machined to accept ORB -6AN fittings and a vent outlet is provided on the opposite side for a compact, easy to plumb system. Two different size filter/socks are included along with the installation hardware, seals and terminals. See page 30 for more details.



FiTech EFI systems are compatible with E85, Ethanol, Methanol and Alcohol based fluids. It is important to note that E85 requires 30% more fuel to equal the same power level so you need to confirm that your EFI system is capable of flowing the extra E85 to reach your horsepower goals. (For example: 1,000HP Gas x 70% = 700HP E85)

Emission Controlled Vehicle Information

Not legal for use on Emissions Controlled Vehicles, 1976 and newer in California and certain other jurisdictions. Check with your local DMV, emissions testing facility or applicable State laws before installing.



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FiTech
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GO STREET EFI

400HP System



STREET
SERIES

FiTech recognizes that not everyone has a 600-hp engine or wild camshaft. In fact, the majority of street cars and cruisers are realistically right in that 300-400 horsepower range. FiTech has taken your needs into consideration and built an EFI designed just for that purpose.

The Go Street EFI is a ready-to-run system that sticks to the basic functions necessary to get the best performance and economy out of your street and mild performance engine. This throttle body system is economically priced and delivers the benefits of quick starts, smooth idle and self-learning technology to get you from sea level to over the mountains without a hitch. The system easily installs with most ignition systems and fits most intake patterns to replace your old carb.

Go Street, 400HP _____ 30003

Supplied with: Handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket and mini USB cable.

MASTER KITS

The following kits include the Go Street 400HP Throttle Body system as well as a fuel pump kit creating a complete package with everything you need to complete the installation.

Inline Fuel Pump 31003

Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35203

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36203

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30003	100-400	Yes	No	No	No	No	4	Yes	1-Bar	1	Yes



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EASY STREET

600HP System



STREET
SERIES

MASTER KITS

The following kits include the Go Street 600HP Throttle Body system as well as a fuel pump kit creating a complete package with everything you need to complete the installation.

Inline Fuel Pump 31005

Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35205

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36205

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

The next step in our line of Easy Street EFI systems is for engines producing 200-600 horsepower normally aspirated.

With a classic gold finish, this Go Street system may have the looks of a factory carb, but the similarities end there. The pre-programmed assembly bolts right in place on a square-bore intake manifold and requires only a minimum of inputs to fire up. The Easy Street accepts the tach signal from the coil negative, an HEI distributor or from a CD ignition box for simple installation. A fast reacting wide-band O2 sensor is supplied to monitor the fuel burn signaling the self-learning technology of the ECU on adjustments to the mixture resulting in smooth performance from idle to high rpm.

Go Street, 600HP _____ 30005

Supplied with: Handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket and mini USB cable.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30005	200-600	Yes	No	No	No	No	4	Yes	1-Bar	1	Yes



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FiTech
Fuel Injection

MEANSTREET

800HP System



STREET SERIES

Never has so much power been placed in one compact package! The Meanstreet is a nitrous compatible system with eight injectors, an onboard ECU, MAP sensor and internal fuel pressure regulator to deliver a simple, clean installation.

The Meanstreet's annular swirl, wet flow technology provides the most complete fuel atomization available. Using FiTech's proprietary self-tuning technology, combined with easy tuning of steps with the supplied handheld monitor, you'll have your high powered engine tuned and ready for the street or track. The matte black throttle body bolts to any 4-barrell intake and wiring is kept at an absolute minimum thanks to the built-in ECU.

Meanstreet EFI, 800HP _____ 30008

Note: Nitrous cannot be controlled by this system. When the nitrous is activated, the Meanstreet switches to a customer programmed AFR target.

Supplied with: Handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket and mini USB cable.

MASTER KITS

The following kits include the Meanstreet 800HP Throttle Body system as well as a fuel pump kit creating a complete package with everything you need to complete the installation.

Inline Fuel Pump 31008

Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35203

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36208

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30008	200-800	Yes	No	No	Yes (air target)	No	8	Yes	1-Bar	1	Yes

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GO EFI 4

600HP System



MASTER KITS

The following kits include the Go Street 600HP Throttle Body system as well as a fuel pump kit creating a complete package with everything you need to complete the installation.

Inline Fuel Pump 31001/31002

Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35201/35202

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36201/36202

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

The Go EFI 4 self-tuning fuel injection is ideal for everyday drivers to weekend cruisers or even bracket cars. The system supports engines making up to 600hp yet is capable of the fueling needs of a 200hp street rod.


The throttle body, available in bright aluminum or matte black, easily fits any 4-bbl intake manifold. Thanks to the built-in ECU, MAP sensor and fuel pressure regulator, wiring is kept to just a few connections for an easy install. The quick self-learning technology that FiTech is known for, combined with our wet annular discharge design will you your engine fired up and idling smooth in minutes. All it takes are a few taps of the supplied touchscreen controller which can be left plugged in to use as gauges, or removed and stored in the glovebox.

Go EFI 4, 600HP, Bright Aluminum __ 30001

Go EFI 4, 600HP, Matte Black _____ 30002

Supplied with: Handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket and mini USB cable.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30001	200-600	Yes	Yes	No	No	No	4	Yes	1-Bar	1	No
30002	200-600	Yes	Yes	No	No	No	4	Yes	1-Bar	1	No

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FiTech
Fuel Injection

GO EFI 4

600HP System

Power Adder



GO EFI SERIES

Planning to increase the power and performance of your hot rod with a blower or turbo? The Go EFI 4 Power Adder 600hp kit is just the ticket to replace a blow-through carb or look right at home atop a roots style blower!

This system is capable of supporting up to 21.7lbs of boost right out of the box as well as a single stage of wet nitrous. The air/fuel ratio is monitored and adjusted with FiTech's fast reacting self-learning technology, plus the ignition timing can be controlled based on boost or nitrous (including a retard feature). Most of the settings can be controlled through the touch-screen handheld monitor, but this system also comes with Pro-Tuning software to run on a laptop for even more specific mapping and tuning.

Go EFI 4, Power Adder, 600HP _____ 30004

Supplied with: Handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket, Pro-tuning laptop software and mini USB cable.

MASTER KITS

The following kits include the Go EFI 600HP Power Adder System as well as a fuel pump kit creating a complete package with everything you need to finish the installation.

Inline Fuel Pump 31004

Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35204

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36204

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30004	200-600	Yes	Yes	Yes	Yes	Yes	4	Yes	2.5-Bar	2	Yes

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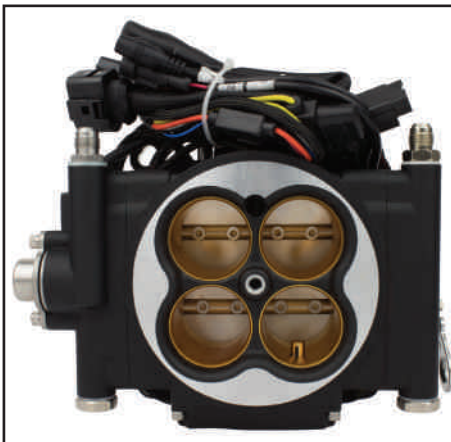
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GO EFI 8 1200HP System

Power Adder



GO EFI
SERIES



E85


If things are getting really serious under your hood in regard to four digit horsepower with boost or nitrous, the Go EFI 8 1200hp Power Adder system is up to the task! This bolt-on throttle body features eight high-flow injectors capable of fueling up to 1200hp!

This system is made to support serious horsepower and is supplied with our pro-tuning software and features the ability to data-log information! To ensure the best atomization of the fuel injection, the annular discharge design is increased to 20 jet streams to support the fuel volume required under boost. This system features a built-in 2.5 BAR MAP sensor to handle the increased boost pressures and also has built-in timing controls based on boost or a nitrous input. The Go EFI 8, 1200HP system will deliver the driveability you want for a cruise night and the power you need on the strip.

Go EFI 8, Power Adder, 1200HP _____ 30012

Supplied with: Handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket, Pro-Tuning laptop software and mini USB cable.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30012	250-1200	Yes	Yes	Yes	Yes	Yes	8	Yes	2.5 Bar	2	Yes

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FiTech
Fuel Injection

GO EFI

Classic Gold



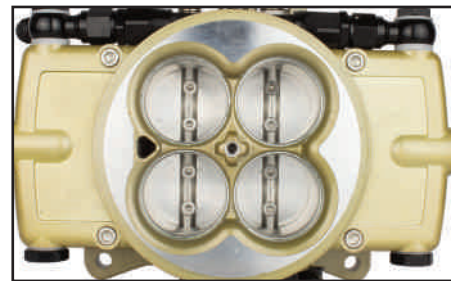
GO EFI SERIES

If you prefer the restored or classic hot rod look, the Go EFI Classic in carburetor gold is for you. You get the performance benefits of modern fuel injection, with the looks of a vintage carburetor (without the flooding, vapor lock and cold start issues).

The Go EFI Classic features our advanced self-tuning fuel metering technology and will support engines rated up to 650hp. Thanks to the dual bolt pattern, the throttle body will easily bolt onto most intake manifolds and throttle linkages. The ECU of the Classic Gold series is compact and easy to mount out of sight to maintain a restored engine compartment but you'll notice the fuel injection benefits every time you turn the key!

Go EFI Classic, Gold, 650HP _____ 30020

Supplied with: External ECU, handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.



MASTER KITS

The Go EFI Classic Gold Kit is available with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Go EFI Classic Gold with Force Fuel System Kit 35220

Note: A fuel pressure regulator is required unless used with the Force Fuel System (page 29). See page 31 for Go Fuel Regulators.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30020	200-650	No	No	No	No	No	4	No	1-Bar	1	Yes

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GO EFI

Classic Black



GO EFI
SERIES



Looking for a little more of a modern look under the hood? Our Classic Black EFI system is finished in a matte black to deliver cool looks along with improved driveability over your old carb. The durable black coating withstands underhood temperatures and with several built-in sensors, wiring and connections are kept at a minimum for a clean appearance.

The ECU of the Classic Black series is secured in a rugged, compact housing that easily mounts under the hood. All the necessary wiring is included with locking, sealed connectors for a solid connection. With four injectors, this system is designed to support engines producing up to 550hp and thanks to the dual bolt pattern, the throttle body easily mounts to most intake manifolds. Great looks with the performance to match!

MASTER KITS

The Go EFI Classic Black Kit is available with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.


Go EFI Classic Black with Force Fuel System Kit 35221

Go EFI Classic, Black, 550HP _____ 30021

Supplied with: External ECU, handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.

Note: A fuel pressure regulator is required unless used with the Force Fuel System (page 29). See page 31 for Go Fuel Regulators.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30021	200-550	No	No	No	No	No	4	No	1-Bar	1	Yes

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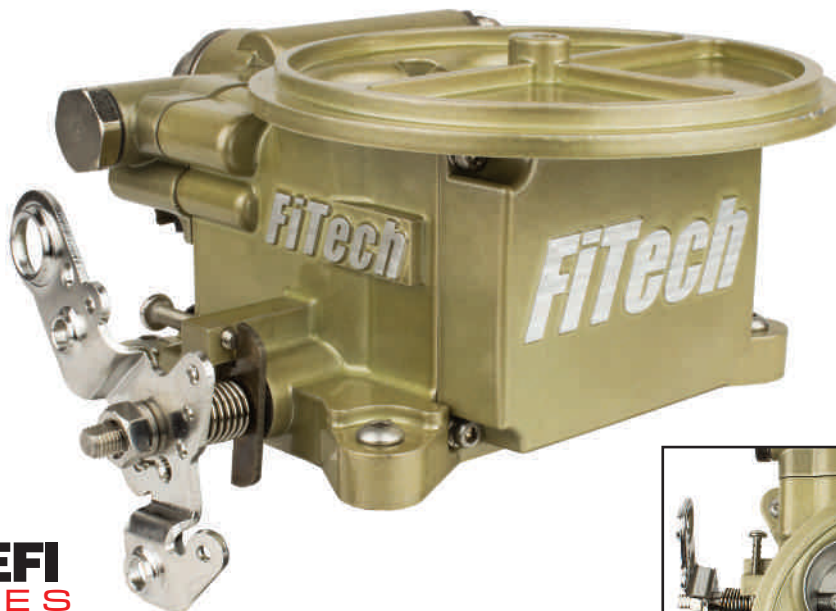

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FiTech
Fuel Injection

GO EFI 2 BARREL

400HP System



GO EFI SERIES

There are a lot of enthusiasts out there looking to update their 2-barrel fed cruisers with the driveability benefits of electronic fuel injection. To help them out, we introduced the Go EFI 2 Barrel EFI system! This all new throttle body is perfect for 4, 6 and 8-cylinder engines running a 2-barrel intake manifold.

The throttle body bolts to common H-2300 and R2G manifolds (with a TD-P#2086 adapter). The ECU is incorporated into the throttle body producing a simple installation with only a few wires to connect (fuel pump, ignition, power, and tach). The system even comes pre-programmed requiring only a few inputs to be set on the high resolution, color touchscreen monitor that is also included. Go ahead and keep the old school 2-barrel appearance but enjoy modern performance with FiTech.

Go EFI 2 Barrel, 400HP System ____ 39001

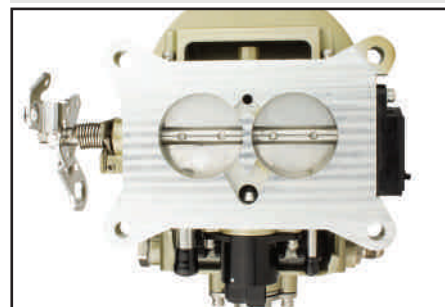
Supplied with: Handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.



MASTER KITS

The Go EFI 2-Barrel Kit is available with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Go EFI 2 Barrel with Force Fuel System Kit 35001



System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
39001	100-400	Yes	Yes	No	No	No	4	Yes	1-Bar	1	No

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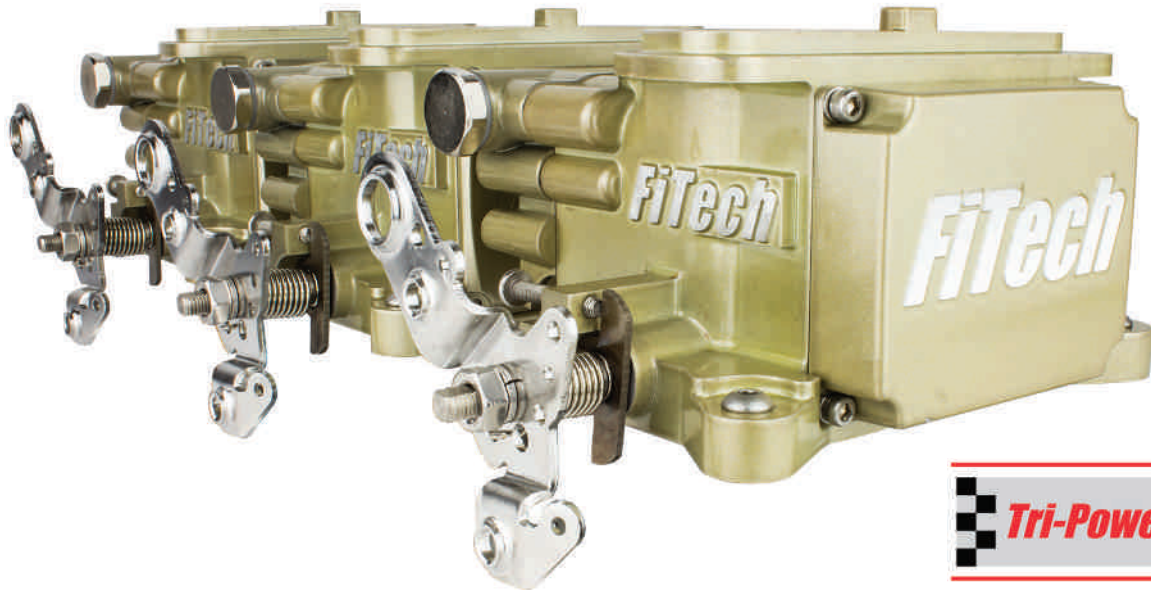
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Go EFI Tri-Power

3x2 600HP System



Nothing says muscle like a 6-pack of two-barrels mounted atop your engine. We can help you achieve the tri-power look with our Go EFI Tri-Power system. The bolt-on kit is supplied with three 500 CFM throttle bodies and our self-learning EFI technology to deliver the looks you want with the performance and driveability benefits that only fuel injection can deliver!

The Go EFI Tri-Power system will support up to 600 horsepower and is designed to be a simple, ready-to-run installation. The compact ECU is easy to mount and only needs a few engine parameters (easily programmed through the color touchscreen monitor) to get your hot rod engine fired up. A WB-02 sensor constantly monitors the exhaust gases to keep the air/fuel mixture right on target for the best driveability. The aluminum throttle bodies are finished in classic gold for the vintage muscle car and hot rod look.

MASTER KITS

The Go EFI Tri Power Kit is available with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Go EFI Tri-Power and Force Fuel System Kit 35610

Go EFI Tri-Power 3x2 600HP _____ 39610


Supplied with: Three Throttle Bodies, external ECU, handheld controller, windshield mount, WB02 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.

Note: Requires linkage kit. FiTech offers a kit as 39611.

Note: Fits manifolds with Holley 2300 series bolt pattern.

Note: A fuel pressure regulator is required unless used with the Force Fuel System (page 29). See page 31 for Go Fuel Regulators.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
39610	200-600	No	Yes	No	No	No	6	No	1-Bar	1	Yes

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FiTech
Fuel Injection

GO EFI 2x4

625HP System



Note: Intake manifold not included.



Let everyone know you mean business with a pair of 4-barrels crowned atop your engine! The Go EFI 2x4 self-tuning system can walk the walk and talk the talk with its intimidating look and self-tuning performance!

The 2x4 is supplied with two throttle bodies, one with the brains and integral ECU, the other with the brawn. Both bodies feature four injectors and will support up to 625 horsepower (naturally aspirated). Thanks to a multi-bolt pattern, the 2x4 system will bolt onto most intakes including tunnel rams, cross rams, Edelbrock, Holley or many factory style intakes. Through the advanced tuning capabilities of the efficient ECU, you'll have your engine fired up, idling smooth and making big power in no time!

Go EFI 2x4 625HP System

Bright Aluminum _____ **30061**

Matte Black _____ **30062**

Supplied with: Two throttle bodies, handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.

MASTER KITS

The following kits include the Go EFI 2x4 625HP System as well as a fuel pump kit creating a complete package with everything you need to finish the installation.

Inline Fuel Pump 31061/31062


Supplied with an inline fuel pump, EFI rated hose, filter and fittings

Force Fuel System 35261/35262

Supplied with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Tank Module 36261/36262

Supplied with an in-tank module to install in your existing tank along with high pressure hose, filter and fittings.

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System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30061	200-625	Yes	Yes	No	No	No	8	Yes	1-Bar	1	No
30062	200-625	Yes	Yes	No	No	No	8	Yes	1-Bar	1	No



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Fuel Injection



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Go EFI 2x4

1200HP Power Adder



Note: Intake manifold not supplied.

Make a statement with a pair of matte black finished throttle bodies feeding your 671 or 871 roots blower with this 2x4 Power Adder system. This kit will also support up to 1200hp on a naturally aspirated engine.

This system is designed to bolt onto your dual quad or blower and fire up with a few easy inputs through the touchscreen controller. Once started, the self-learning technology will get the engine idling and cruising well, but more detailed programming can be made through the advanced pro-tuning software including fuel and timing maps under boost or nitrous. One throttle body houses the ECU while the other secures the Idle Air Control solenoid and four more injectors.

Go EFI 2x4 1200HP Power Adder System, Matte Black ___ 30064

Note: Throttle linkage not supplied

Supplied with: Two throttle bodies, handheld controller, windshield mount, WBO2 sensor, bung kit, coolant sensor, gasket, wiring harness and mini USB cable.

System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
30064	400-1200	Yes	Yes	Yes	Yes	Yes	8	Yes	2.5-Bar	2	Yes



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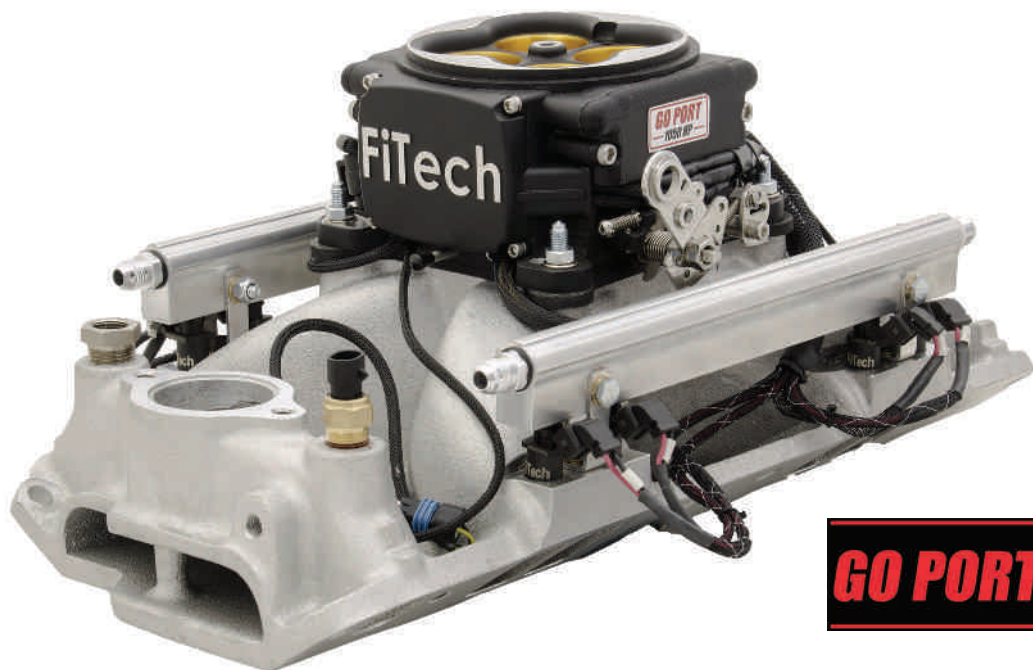


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FiTech
Fuel Injection

GO Port EFI

500HP & 1050HP Systems



GO PORT

The Go Port EFI system features eight injectors placed precisely in each intake runner to inject fuel right into the cylinder head port. A sequential port fuel design provides excellent throttle response, effective fuel atomization and delivery resulting in terrific throttle response and overall performance.

FiTech offers two complete systems; a kit for up to 550 horsepower and a 1050 horsepower kit. Each system is supplied with a new aluminum intake machined and fitted with injectors (36 or 80 lbs), fuel rails, the wiring harness and an 850 cfm throttle body. The ECU, with its high speed processor, is integral to the throttle body along with the TPS, IAC, IAT and MAP sensors reducing wiring and making installation as easy as possible. All setup is handled through the color touchscreen monitor with no tuning experience necessary to have your engine fired up and running at its best.

Small Block Chevy

200-550 HP _____ **37854**
550-1050 HP _____ **37858**

Go Port Stand Alone System __ **30014**

Using your own intake? This system is supplied with everything you need to adapt EFI to your intake and fuel rails.

Big Block Chevy

Oval Port, 200-550 HP _____ **30454**
Oval Port, 550-1050 HP _____ **30458**
Rectangle Port, 200-550 HP _____ **30254**
Rectangle Port, 550-1050 HP _____ **30258**

Supplied with: Throttle Body, gasket, aluminum single plane intake manifold, high flow fuel rails, injectors, WB02 sensor, bung kit, coolant temp sensor, color touchscreen monitor and mount.

DETAILS

- *Injectors and fuel rails installed right out of the box*
- *Locking, sealed connectors for all injector and sensor connections*
- *No laptop tuning required – do it all from the handheld monitor*
- *Kits available for small and big block Chevy*

Note: A regulator is required. See page 31.



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ULTRA RAM KITS



**Now Available for
Big Block Chevys!**



Our Ultra Ram EFI Systems deliver outstanding port fuel injection performance with an aggressive looking sheet metal intake manifold. The design of the Ultra Ram intake performs as good as it looks and will support up to 600 horsepower (naturally aspirated).

The system comes ready to go out of the box with the injectors and fuel rails installed. The robust ECU is easy to mount and handles the air/fuel mixture targets with self-learning technology so no laptop is required. In fact, you only need to input a few engine specs into the color touch screen monitor to get the engine to fire up. The Ultra Ram is ideal for crate motors or your custom built engine and will deliver great performance with the looks to match.

Ultra Ram, Small Block Chevy _____ 38301

Ultra Ram, Big Block Chevy, Rectangle Port ___ 38302 *NEW!*



Supplied with: Mechanical throttle body, aluminum sheet metal intake manifold, high flow fuel rails, injectors, WB02 sensor, bung kit, coolant temp sensor, color touchscreen monitor and mount.

Note: A fuel pressure regulator is required unless used with the Force Fuel System (page 29). See page 31 for Go Fuel Regulators.

MASTER KITS


The Ultra Ram Kits are available as complete system including the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

**Small Block Ultra Ram and
Force Fuel System Kit 35301**

**Big Block Ultra Ram and
Force Fuel System Kit
35302**

DETAILS

- Precision fabricated aluminum intake with 92mm throttle body (SBC) or 102mm (BBC)
- Supports up to 600HP and accepts up to 30 psi of boost
- Touch screen controller for easy configuration – no laptop needed
- Eight 36-lbs injectors and high flow fuel rails
- On the fly programmable target AFR and timing control (with a CDI)

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FiTech
Fuel Injection


LS Engine

EFI Systems



There is no denying the popularity of the GM LS engines. They're reliable, packaged in a compact block, versatile and can be built to produce serious power. Not only do you see LS swaps in every GM vehicle imaginable, but the crossover into Fords, Mopars and even Jeeps is all over the board!

To help with your LS swap, we've made it easy with our Ultimate LS Induction Systems. These intakes are based on an all new low profile aluminum intake manifold designed for superior airflow and daunting looks. The kits are supplied with everything you'll need for a complete installation including a cast aluminum throttle body, injectors, fuel rails, sensors and more. The ECU provides sequential fuel and spark control as well transmission controls for the GM 4L60/65/80E transmissions.

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Raised Rectangle Port

**LS7
LSXR**

Rectangle Port

**L76
L92
L99
LSXR**

Cathedral Port

**LS1
LS2
LS6
LSX
LSXRT**

LS Port ID

Over the 20+ years that the Gen III small block has been available, GM has used a number of different intake port configurations. We offer LS EFI intake systems to cover most OEM applications including aftermarket heads. These drawings will help you determine your intake ports.


LS ENGINE

EFI SYSTEMS



- Cast throttle body with a 92mm or 102mm inlet
- Sheet metal design is ideal for a 1500-6500 rpm power band
- Self-learning technology maintains your target air/fuel ratio settings
- Sequential fuel and spark control with individual cylinder trim
- Connects to 24x and 58x cam sensors
- Knock sensor control connects to factory sensors
- 3-Bar MAP sensor for boosted applications up to 30-psi
- Tach output driver works with most tachs
- Two programmable electric fan outputs
- Wide band oxygen sensors
- Custom wiring harness for a direct plug-in installation
- Control the shift points and firmness of 4L60/65/80/85 transmissions

Our Ultimate LS Induction systems are designed as a complete induction system for your LS engine and are ready to be installed out of the box! The sheet metal intake looks stellar and delivers the performance to match for engines ranging from 500-750 horsepower. Kits are available with built-in transmission controls for popular GM 4-speed automatics as well as a taller intake to accept the truck accessory drive assembly.

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E85 ²³


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FiTech
Fuel Injection

LS ENGINE

EFI Systems




E85

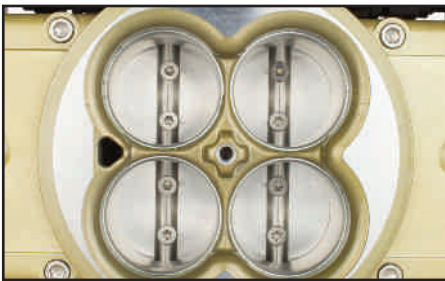
	INTAKE/EFI	MASTER KIT W/ INLINE PUMP KIT	MASTER KIT W/ FORCE FUEL KIT
Ultimate LS Kits, 500HP without Trans Control			
LS1/LS2/LS6	70001*	71001*	75201
LS1/LS2/LS6, Tall Intake for Truck Accessories	70006*	71006*	75206
LS3/L92	70011*	71011*	75211
LS7 Square Port	70015*	71015*	75215
Ultimate LS Kits, 750HP without Trans Control			
LS1/LS2/LS6	70003*	71003*	75203
LS1/LS2/LS6, Tall Intake for Truck Accessories	70008*	71008*	75208
LS3/L92	70013*	71013*	75213
LS7 Square Port	70017*	71017*	75217
Ultimate LS Kits, 500HP with Trans Control			
LS1/LS2/LS6	70002*	71002*	75202
LS1/LS2/LS6, Tall Intake for Truck Accessories	70007*	71007*	75207
LS3/L92	70012*	71012*	75212
LS7 Square Port	70016*	71016*	75216
Ultimate LS Kits, 750HP with Trans Control			
LS1/LS2/LS6	70004*	71004*	75204
LS1/LS2/LS6, Tall Intake for Truck Accessories	70009*	71009*	75209
LS3/L92	70014*	71014*	75214
LS7 Square Port	70018*	71018*	75218

* Fuel pressure regulator required, see page 31.

Note: Throttle bracket not included.

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Retro-LS Kit



MASTER KITS

The Retro-LS Kit is available with the Force Fuel System (see page 29), high pressure hose, fittings and serviceable 10-micron filter.

Retro-LS EFI and Force Fuel System Kit 39201

They say that everything old is new again, however in the case of our Retro-LS EFI Throttle Body Kit, it's more about making the new look old! There are many hot rodders out there that want the performance of an LS engine, but prefer the old school looks of a carburetor. FiTech has just what they need with the Retro-LS Kit.

This throttle body system, plated in classic carburetor gold, bolts to an LS intake made for carburetors and delivers all the driveability benefits of a factory EFI system. The kit supports up to 650 horsepower with its four 80-lbs injectors and delivers a semi-sequential fuel supply through an effective annular discharge design.

For ease of installation, a wiring harness is supplied that is already terminated with the specific LS engine sensors, including the factory knock sensors to complement the built-in timing control. On top of that, the ECU also has the ability to control the transmission shift points and characteristics of the popular 4L60/65/80E transmissions. No laptop is required and the system will work on 24x or 58x cam sensors.


Retro-LS Kit, Classic Gold _____ 37001

Supplied with: ECU, handheld controller, windshield mount, dual WB02 sensors, bung kits, gasket, and mini USB cable.

Note: Regulator required unless used with the Force Fuel System (page 29). See page 31 for Go Fuel Regulators.



System	Horsepower	Integrated ECU	Timing Control	Boost Compatible	Nitrous Compatible	Laptop Software	Injectors	Built-in Regulator	MAP Sensor	Fan Control	AC Input
37001	200-650	No	Yes	No	No	No	4	No	1-Bar	2	Yes

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GO-SHIFT

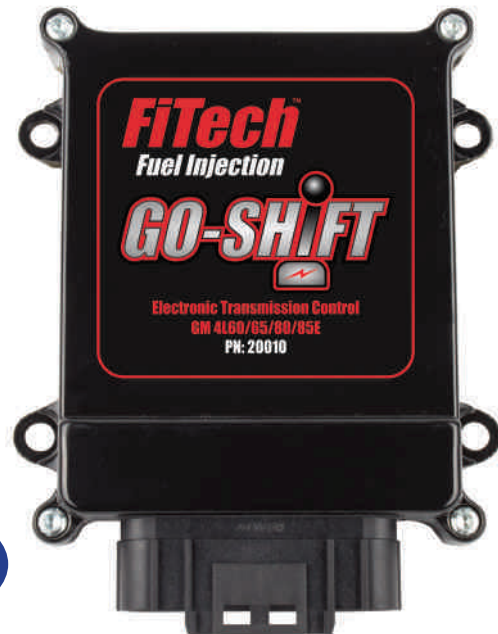
Transmission Control

FiTech set out to make EFI conversions easy and affordable (which we did!), and now we're doing it for transmissions! Our Go-Shift Transmission Controller is a direct plug-in system that manages the shifting characteristics and more of popular GM 4-speed automatic electronic transmissions.

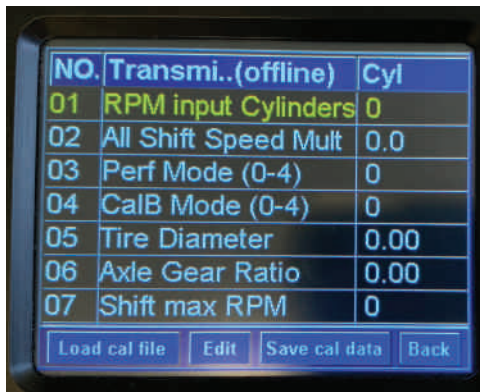
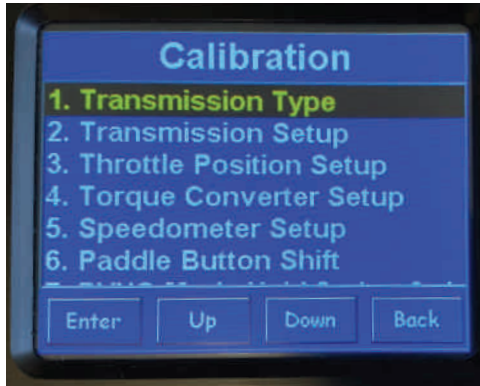
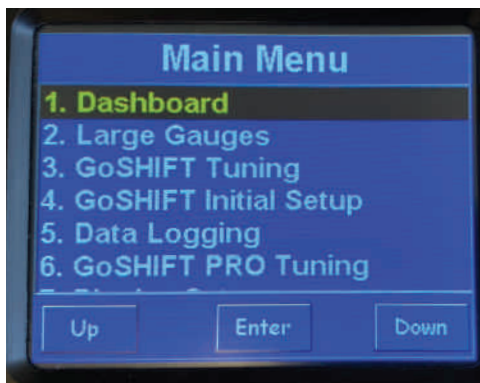
Like our Go EFI System, the Go-Shift Controller is supplied with a direct-fit harness with OEM style connectors for an easy installation. The robust ECU is easy to mount and you can adjust all of the transmission settings through the supplied color touch screen monitor – no laptop is needed!



GO-SHIFT



**Ford Model
Coming Soon!**



The Go-Shift stand-alone electronic transmission control is the perfect solution when it comes to managing your new GM 4L60/65/80/85E transmission. Like our EFI systems, the Go-Shift is designed to be easy to install, affordable and simple to program.

In fact, all of the transmission settings, including shift points, firmness and converter lock-up can be adjusted through the supplied handheld monitor! A harness, complete with OEM style sealed connectors, makes installation a plug 'n play affair while the compact ECU easily mounts out of the way. After setting up the trans, you can disconnect the monitor or keep it plugged in to view transmission data.

Go-Shift Transmission Control, GM 4L60E, 4L65E, 4L80E, 4L85E _____ 20010

Supplied with: ECU, transmission wiring harness, color touch-screen monitor and dash mount.

DETAILS

- Easily adjust the rpm points and firmness of each shift
- Direct plug-in harness for ease of installation
- Speedometer calibration and output
- Compatible with paddle shift inputs
- Control the torque converter clutch lock-up

The Go-Shift Trans Controller is easy to setup up and tune through the supplied touchscreen controller.

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GO FUEL

Fuel Delivery Systems

GO FUEL SERIES

The most important part of a successful EFI conversion is having a reliable fuel delivery system. Our Go Fuel line of pumps, filters, regulators and accessories have been designed to help you install a fuel system that will provide years of service.

To make your choice of products and the installation as easy as possible, our engineering team has put together several kits such as our Inline Pump Kit or the Force Fuel System. If you prefer an in-tank pump, our new Universal Pump Module assembly is easy to install in most muscle cars, trucks or hot rod tanks.

Whether you're looking for AN fittings, high pressure hose, filters or pumps, Go Fuel has the components, and the experience, to help you assemble the best fuel delivery system for your application.



E85



GO FUEL

Fuel System

E85



GO FUEL
SERIES



The heavy duty bracket can be installed on the bottom (shown above) or side of the tank to ease mounting.

The all new Force Fuel System makes the upgrade to FiTech EFI even easier! The Force Fuel System mounts under the hood and is fed with the original mechanical or electric fuel pump then supplies the EFI system with the required high pressure through the use of an internal 340-LPH pump. This means you don't need to run a new feed line from the tank!


The assembly is easy to mount with a bottom or side mount bracket and to ensure clean fuel reaches the injectors, a serviceable 10-micron fuel filter is supplied. The reservoir holds half-a-gallon of fuel to submerge an internal electric fuel pump to keep it cool for long life and no chance of fuel starvation. An internal regulator keeps the pressure at a consistent 58-psi, ideal for reliable EFI performance.

Force Fuel System _____ 50004

Supplied with 5-feet of high pressure fuel hose, 10-micron fuel filter, AN fittings, return line fitting bung and liquid filled gauge.

DETAILS

- Supports the fuel demands of an 800-hp engine on gas
- No fuel slosh - ideal for autocross and off-road
- Effective 10-micron serviceable filter ensures the best filtration
- Increased fuel capacity over other systems – no chance of cavitation, even under hard cornering or acceleration
- Capable of running with E-85, ethanol or methanol based fuels

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GO FUEL

In-Tank Pump Module



GO FUEL
SERIES

When it comes to converting to EFI, it's important for the fuel pump to be installed in a cool area and what better place than in the gas tank itself. The pump is cooled by the fuel, it's quieter plus there's no chance of fuel starvation. To help ease the installation of an in-tank pump, we offer a new In-Tank Module assembly.

This universal billet assembly can be used on tanks with a depth of 6" to 15". The billet aluminum was designed with the supply and return ports in a parallel position to help route the fuel lines easily and evenly. The vent port is on the other side to ease routing the line near the fill tube. The two fuel ports are threaded to accept -6 AN O-ring boss fittings for a secure, leak-free connection.

The cut-to-fit bracket secures a 340 LPH pump capable of providing fuel to 600 horsepower engines. To ensure clean fuel is pulled into the pump, two size of sock/filters are provided, a standard 11 square-inch design as well as a large, 35 square-inch version.

Go Fuel In-Tank Pump Module _____ 50015

Note: Will directly bolt into tanks offered by TANKS Inc.



The fuel supply bosses are positioned together to ease the installation and routing of the fuel hoses.

DETAILS

- Easily install a 340 LPH pump into most fuel tanks
- Adjustable for tanks from 6" to 15" of depth
- Billet aluminum top features -6 fuel bosses
- Low profile for improved clearance
- Supplied with seals, lines and filter/socks



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GO FUEL

Components



Regulators

The new Go Fuel Regulators allow you to set the fuel pressure precisely where your EFI system and engine require. Both models can be adjusted from 30 – 70 psi and can support up to 1000 horsepower (gas engines). Crafted from billet aluminum, the regulators feature -6 ORB ports along a vacuum/boost port and will accept a gauge. Two models are available; a compact unit with a single output as well as a larger, dual output model.

Single Output, Regulator _____ 54001
Dual Output, Regulator _____ 54002

Fuel Filters

One of the most important aspects of a reliable fuel injection system is clean fuel. To help ensure that nothing but debris-free fuel reaches the injectors, we offer two high flow, serviceable filter assemblies.

Billet Fuel Filter _____ 80111


This 100-micron filter is designed to be placed between the fuel tank and the pump. This filter is a replacement for the one supplied with our Inline Pump Kit, 50001.

10-Micron Filter _____ 55001

The new Go Fuel 10-Micron filter is designed to go between the fuel pump and the EFI system or carburetor. The billet assembly features a serviceable magnetic element that will trap debris down to 10-microns to ensure nothing but clean fuel makes it to the injectors.

Universal Check Valve _____ 55002

This universal check valve will keep the fuel from leaking back into the fuel tank when your car is parked. This keeps the system primed and ready for quick starts and consistent performance.

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FiTech
Fuel Injection

GO FUEL

Components

Inline Pump Kit _____ 50001

This kit is supplied with our heavy duty 255 LPH external fuel pump that is suitable to support engines producing up to 650 horsepower. The kit includes 40 feet of high pressure fuel hose, two fuel filters including a serviceable 10-micron filter, fittings, mounts and clamps.



Inline Fuel Pump _____ 50101

This fuel pump delivers performance and endurance. This is the same pump supplied with our 50001 Inline Fuel Pump Kit.



Fuel Pump Mounting Kit _____ 80110

This heavy duty billet fuel pump mounting bracket will fit both 52mm and 60mm diameter fuel pumps.



Throttle Body Gasket Kit _____ 60001

This kit includes both a 4150 and 4500 style base gasket as well as an air cleaner gasket.



Throttle Return Spring _____ 60011

This kit includes a bracket that bolts to the throttle body and provides a throttle return spring. Note that this kit only fits the FiTech 4-barrel throttle bodies.



Oxygen Sensor Bung Kit _____ 60012

This kit makes installing the required WB02 sensor easy without welding. Simply drill a hole in your exhaust, install the gasket and sensor fitting and secure it with the supplied heavy duty band clamps.



Fuel Pressure Gauge _____ 80117

This fuel pressure gauge will accurately display 0-100 psi so you know exactly how your fuel system is pumping. The oil filled gauge has an 1/8-NPT male fitting on the back to thread to any 1/8-NPT port.



GO FUEL



Replacement Injectors

These injectors are replacements for the throttle body and port fuel injection systems.

-5, 36-lb Injector	10036
-6, 55-lb Injector	10055
-3, 62-lb Injector	10062
-4, 80-lb Injector	10080

Fuel Hose

Our fuel hose is rated to handle high pressure EFI applications and is engineered to handle today's fuel blends, race gas or methanol based fuels. Available in -6 (3/8") and -8 (1/2") sizes.

High Pressure Fuel Hose

5ft -6	80150-5
10ft -6	80150-10
20ft -6	80150-20
25ft -6	80150-25
5ft -8	80151

Stainless Steel Line Kits

These new kits are perfect for plumbing your car with beautiful, chemical resistant natural or black stainless steel braided fuel lines. These fuel lines and fittings are perfect for any fuel delivery application where you want to use pump gas, methanol, ethanol or alcohol. Plus they come with the best AN fittings around.

Kits include 20ft or 40ft natural stainless or black stainless braided hose with (3) 90 degree -6 AN fittings, (3) 45 degree -6 AN fittings and (3) straight -6 AN fittings with a 40 micron fuel filter and inline check valve.

Natural Stainless Steel Hose Kit


20ft with Fuel Filter and Check Valve 51001

40ft with Fuel Filter and Check Valve 51003

Black Stainless Steel Hose Kit

20ft with Fuel Filter and Check Valve 51002

40ft with Fuel Filter and Check Valve 51004

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FiTech
Fuel Injection

Frequently Asked Questions

Is the HP rating at the crank or at the wheels?

All FiTech EFI systems are rated at the crank.

Will EFI improve my fuel economy?

In most cases the FiTech EFI systems will improve fuel economy but it ultimately comes down to how well the prior carburetor was tuned. The advantage of EFI is the ability to adjust and optimize your air/fuel ratio to achieve both maximum MPG and performance.

Can I use my camshaft with a FiTech system?

FiTech's advanced software is capable of running with aftermarket camshafts much larger than stock. With the ability to run on large lift and duration camshafts the FiTech systems will run on engines with as little as 5-inches of vacuum. The lower the vacuum of the engine usually requires more tuning of the EFI.

Can I run a dual plane intake with a FiTech system?

With FiTech's patented annular fuel discharge there is maximum fuel distribution on all types of intake manifolds. FiTech employees predominantly use dual plane intakes on their vehicles.

What FiTech system do I need?

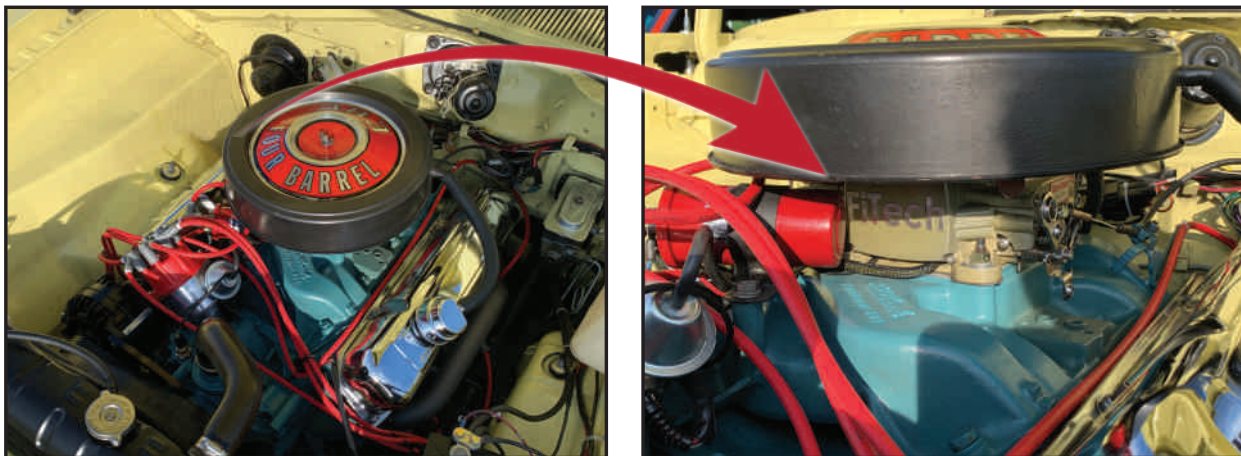
All FiTech systems have a maximum horsepower rating that they can support. As long as your engine's horsepower does not go over this rating you can use this system. If you have plans to increase engine horsepower in the future you should purchase the system that can support those plans. The Go EFI 8 kit will run on a stock engine as well as support up to 1,200 hp.

Will EFI improve my engine performance?

In most cases the FiTech EFI systems will improve engine performance but it ultimately comes down to how well the prior carburetor was tuned. The advantage of EFI is the ability to adjust and optimize your air/fuel ratio to achieve both maximum MPG and performance.

Do I have to use timing control?

Timing control is an optional ignition setup. It is usually used when running the FiTech systems with nitrous, superchargers, or turbos. The timing control requires the use of a locked out, 2-wire distributor that is phased for proper timing changes. Once set up you are able to alter the timing digitally rather than changing springs and bushings.



Converting to FiTech Fuel Injection will improve the driveability and overall performance of your classic or muscle car. We've designed our system to bolt to most any intake manifolds for a factory fit!

Frequently Asked Questions

Can I run boost or nitrous with a FiTech system?

We offer several EFI system that can run with forced induction systems. Our Power Adders systems can handle both nitrous and boost up to 27.5 psi. The Mean Street system can run with nitrous but it will not control it like the power adder kits.



Do I need a return line?

Yes, we recommend that you run a return line to the fuel tank, even with the Force Fuel System.

What distributor do I need with the system?

FiTech has gone through extensive research to ensure most OEM and aftermarket distributors will work with our EFI systems. We do not support a ballast resistor distributor, magnetos or the Pertronix Ignitor 3. As for CD ignition boxes, we do not recommend the 7 or 8 series ignitions.

Are replacement parts available?

All sensors that connect or are seen from the outside of the throttle body are replaceable and available from FiTech or can be found at a local auto parts store.

Oxygen Sensor, FiTech 60017, OEM 2001-2004 VW Beetle Upstream
Coolant Temp Sensor, FiTech 60021, OEM 1985-2007 OEM Chevrolet
TPS, FiTech 60022, OEM 1991-1995 Chevrolet Camaro
IAC, FiTech 60029, OEM 1996 Chevrolet Astro Van 4.3 V6
4 Bar (58psi) Fuel Pressure Regulator, FiTech 60026, OEM 1998-2000 VW Beetle 1.8T
3 Bar (43.5psi) Fuel Pressure Regulator, FiTech 60025, OEM 1997-2002 Audi V6 2.7

What fuel pressure does the system run at?

Our Throttle Body Systems are rated at two fuel pressures; 43 or 58 psi.
43 psi - Go Street and Meanstreet
58 psi - Go EFI, Power Adder and Easy Street

Can I disconnect the battery without losing my program?

If you wait 15-20 seconds after key off to disconnect the battery the ECU will have stored all of its calibration. No memory will be lost.

What type of fuel can I use with a FiTech system?

FiTech EFI systems are able to run multiple types of fuel. Unleaded gasoline of varying ethanol levels is fine. Race gas is okay as long as it is unleaded. When running E85 or equivalent all EFI systems horsepower limits are decreased by around 30%.





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