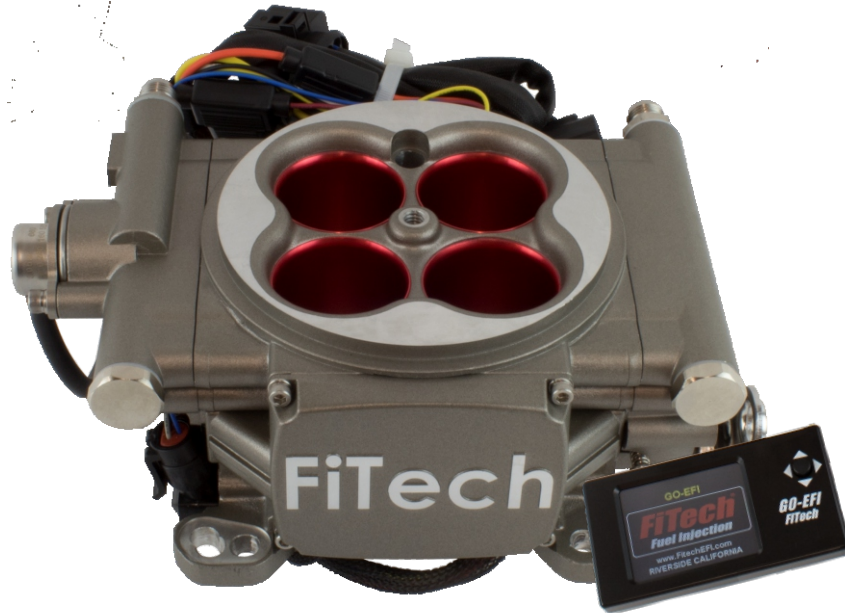




Troubleshooting Guide for Throttle Body Injection



For all FiTech EFI Systems

11/29/2018

Congratulations on your purchase of a FiTech EFI System. Every FiTech system is meticulously tested for functionality before it leaves our Riverside, California facility.

If you experience any technical difficulties or need assistance, please feel free to contact our technical support department at (951) 340-2624 Monday-Friday 7:00am - 5:00pm PST and Saturday at 8:00am - 12:00pm PST or email us at techmail@fitechefi.com.



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

FiTech Fuel Injection Trouble Shooting Guide

WARNING!

This installation guide must be read and fully understood before beginning installation.

If the installation guide is not fully understood, do not attempt to start this installation. Failure to follow this installation guide can possibly result in system failure and potentially serious personal injury and/or property damage. Please keep this installation guide. For the safety and protection of you, your vehicle, and others, only a trained and FiTech approved mechanic with adequate fuel system experience should perform the installation, adjustment, and repair.

Caution must be observed when installing any product involving fuel system parts or gas tank modifications. Work in a well ventilated area with an approved fire extinguisher readily available. Eye protection and other safety apparel should be worn to protect against debris and sprayed gasoline. Ensure to disconnect the negative terminal of the battery before beginning. We recommend having this installation performed by an experienced, qualified, and FiTech approved automotive technician. The finished installation must be thoroughly checked for any fuel system leaks. All safety precautions must be observed when working with fuel. Lastly, ensure the engine has had sufficient time to cool! Engine fluids may still be hot. Disregarding any of this information can result in serious property damage, injury, and/or death.

If this installation guide is not followed, any component damaged will not be covered by FiTech's warranty. Should any one component fail, it will not constitute or justify a warranty of the entire FiTech EFI system. Replacement and accessory items are available for purchase from FiTech EFI. If assistance is required or if you need further warranty clarification, please call FiTech EFI (951) 340-2624 or email warranty@fitechefi.com.

Troubleshooting Guide TB Injection

Issue Observed	Things to Check
Handheld / EFI wont turn on	Check Red wire for 12 volts
	Check Fuses
	Check engine ground for less than 0.5 ohms resistance
Handheld wont connect to ECU	Check red wire for 12 volts
	Check handheld cable connection
Engine cranks and wont start	Check red wire for 10+ volts during cranking
	Check white wire for 10+ volts during cranking
	Check engine ground for less than 0.5 ohms resistance
	Adjust throttle adjustment screw
Engine cranks, fires, and dies	Check red wire for 10+ volts during cranking
	Check white wire for 10+ volts during cranking
	Check engine ground for less than 0.5 ohms resistance
	See if the Handheld will read RPM in Dashboard
	Adjust throttle adjustment screw
Engine Fires, stumbles, and dies	Adjust afterstart enrichment
	Adjust throttle adjustment screw
Smells Rich at idle	Check AFR of the engine in dashboard
	Check Fuel Pressure
	Check engine timing
	Check for exhaust leaks by oxygen sensor
Surges at idle	Check for vacuum leaks
	Check Fault Code in Handheld
wont idle	Check for vacuum leaks
	Adjust idle (IAC Adjustment)
Poor gas mileage	Adjust AFR to lean out
	Check Fault Codes
Hesitation when trying to accelerate	Adjust Accel Pump in Go EFI Tuning
	Check fuel pressure when free revving motor
	Check ignition timing