

ethanol conversion kit

Introduction

This photo, taken in April 1933, shows a Lincoln Nebraska gas station of the Earl Coryell Co. selling "Corn Alcohol Gasoline." The test marketing of ethanol blends was common in the Midwest at this time, but it did not succeed due to the market dominance of the major oil companies.

Henry Ford's Model "A" was designed to run on either alcohol or gasoline. Many countries around the world have millions of vehicles running on alcohol today. The idea of using alcohol for fuel is not new but becoming more attractive to the public as our dependence on gasoline becomes increasingly more expensive.



Most gasoline cars can be converted to ethanol / alcohol with no need for a new or replacement engine. Other benefits include near total elimination of smoke. It also contributes to a quieter and smoother running engine. Besides the environmental benefits, Flextune combines high performance with economy, making it the best current alternative to gasoline. Buy E85 fuel (or 100% ethanol) and save money over gasoline!

The Flextune is totally AUTOMATIC: there is no fuel selection switch (the management system recognizes via "lambda sonda" which fuel or E85 is being used in any proportion). The Flextune adapts itself to most vehicles with digital multipoint electronic injection MPI (MPFI) available in the market, including imports.

Port or multi-point fuel injection MPI(MPFI) -
 Sequential fuel injection MPI(MPFI)s -
 Analog electronic injection system LE/KE/Jetronic -
 Single-point or throttle body injection (TBI) -

Compatible.
 Compatible.
 NOT compatible.
 NOT compatible.

If you currently drive an SUV, Light Truck or Minivan, save:
 ~\$750+ / yr
 ~\$60+ / mo

If you currently drive a car, save:
 ~\$500+ / yr
 ~\$40+ / mo

Assumes savings of \$0.60 per gallon, 18,000 miles per year, 14 MPG SUV/Truck/Minivan & 21 MPG car

Engine Size	SRP/ Easy-Pay*	SKU
4 Cylinder	\$549 or \$55/mo	HER BF104
6 Cylinder	\$759 or \$75/mo	HER BF106
8 Cylinder	\$949 or \$95/mo	HER BF108

**Easy-Pay is a 12-month lease-to-own program: 12 monthly payments, includes free shipping. Switch to E85 and let your fuel savings pay for your kit in ~16 months!*

Find your nearest E85 station at: www.E85fuel.com



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eliminate dependence on
 volatile, foreign oil

ethanol conversion kit - FAQ

Cold start. Is a fully automatic and programmable system with a "cold start kit" whose functions are controlled by software. This software operates with the information received from the temperature sensor, and injects gasoline direct into the engine. The cold start kit system can be programmed with a Flextune Hallmeter/controller.

Does the conversion with Flextune increase the fuel consumption?

The consumption of a car that originally uses gasoline will use 15-30% more alcohol because of the fuel characteristics.

If I have a gasoline vehicle and convert it to alcohol, am I going to damage the engine? The conversion of a gasoline original car to a bi-fuel, using Flextune technology may not cause any kind of damage to the engine or to its mechanical pieces. It has not been observed corrosion not even deterioration over than what normally occurs while using gasoline. In fact, in many cases it is possible to check an increasing on the engine lifetime while using alcohol, especially because there is no contamination with lubricating oil. Moreover, alcohol combustion is smoother and may reduce the friction between the pieces and consequently its spoil. Spark plugs, piston heads and valves are also benefited for a greater alcohol power of cooling. As the gasoline presents a variable percentage of alcohol depending on governmental laws in vigour, injector plugs, spark plugs and other parts of the engine may have a good resistance against this kind of fuel. In old models, the carburettor used to suffer considerable deterioration when working with alcohol and it could also affect the engine functioning. Nowadays, this system has not been used anymore and the injection system is projected to support alcohol, considering that a part of the gasoline is composed by alcohol.

Will torque decrease when using alcohol in my car? If using alcohol in your vehicle with Flextune converter, there is no loss of torque and you can also have it increased in 3-5%. It may happen because of alcohol characteristics.

Does the Flextune trick the signals? No, it does not. This system runs adapting the injection signals and makes them compatible for both fuels.

What is the difference between the Flextune and a chip? It may not be called a chip. It uses an intelligent centre to make the systems compatible for alcohol and gasoline with no alteration on the components and/or from the original injection centre of the car.

Would the vehicle miss its originality? Flextune installation is made with no mechanical alterations nor cutting any wires or even any other mechanical changes. Your vehicle is kept original.

Is the system irreversible? For its installation, connectors are used with no wire cutting, nor any other mechanical changes. As a result, Flextune maintains the originality of your vehicle and it can be replaced anytime. This product may be adaptable to most vehicles with digital multipoint electronic injection, including imported ones and its removal from one vehicle to another will not be made just in case they are not compatible.

Does Flextune work using only alcohol or it can use a mixture? Flextune is a bi-fuel converter (for vehicles that originally used gasoline) and will allow you to choose while filling up the tank. Just after Flextune converter installation, you will be able to decide between alcohol, gasoline and a mixture of both, reducing your expenses with fuel as well.

What if I sell my car? This product is compatible to most vehicles with digital multipoint electronic injection, including imported ones and its removal will not be done just in case the vehicles are not compatible. There are many different models from Flextune according to the engine types as 4C, 6C, 8C etc. it is important to remind you that when purchasing a Flextune this may be installed again in any other car for the same engine model.

What if I have a customized product and have my car changed? The product will be compatible to any kind of vehicle with the same number and configuration of cylinders. E.g. customized 4C will be compatible to any engine with 4 cylinders.

Warranty Limited two (2) year warranty:

(a) Krystal Planet warrants to the end-user customer that the mfr's products specified will be free from defects in material and workmanship for the duration specified above, which duration begins on the date of purchase by the customer.

(b) Krystal Planet limited warranty covers only those defects which arise as a result of normal use of the product, and does not cover any other problems, including those which arise as the result of improper maintenance or modification or operation outside the products specifications.

(c) Custom order products have a "Replacement only" warranty if defective. Non-detective parts are subject to the terms in 1(a).



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