

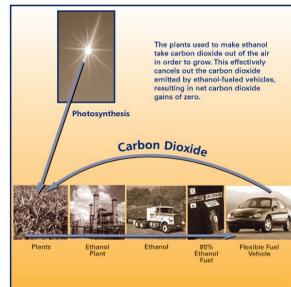
Ever thought of running your car on clean energy? Well, 85 percent ethanol burns cleaner than gasoline and comes in a renewable supply. By harvesting crops produced every year, we are assured of an environmentally friendly fuel, which reduces the need for foreign oil and fossil fuel.

Ethanol is a high-octane, liquid, domestic, renewable fuel, produced by the fermentation of plant sugars. In the United States today, ethanol is typically produced from corn and other grain products. However, in the future it may be economical to produce ethanol from biomass resources such as agriculture and forestry wastes or specially grown "energy" crops.

E85 is the term for motor fuel blends of up to 85 percent ethanol and 15 percent gasoline. E85 is considered an alternative fuel under federal and state laws designed to increase our domestic energy security and reduce vehicle emissions. It looks and "fuels" just like regular gasoline; however, ethanol does not contain many of the harmful carcinogens and other toxic chemicals found in gasoline.

Public fueling locations sell 85 percent ethanol in many cities across the country. For a current listing of stations that sell E85, please see our website at www.E85Fuel.com.

E85 Can Reduce Pollution.



Government tests have shown that E85 vehicles reduce harmful hydrocarbon and benzene emissions when compared to vehicles running on gasoline. Ethanol fuel can also reduce carbon dioxide, a major contributor to global warming. Although carbon dioxide is released during ethanol production and combustion, it is recycled as a nutrient to the crops that are used to produce it. Ethanol is also non-toxic, water soluble and biodegradable.

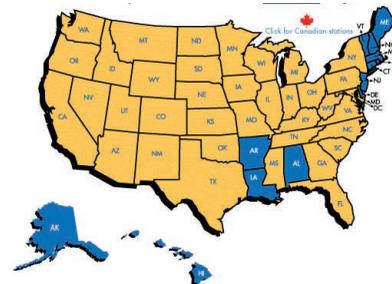
Plants are able to absorb carbon dioxide (CO₂) and give off oxygen through a process called photosynthesis. Carbon is the key element in the chemical structure of plants and animals.

Fossil fuels were formed from prehistoric plants and animals that were transformed into carbon over millions of years. The consumption of fossil fuels circumvents the carbon cycle because it releases carbon that has been locked away by nature without providing a way to reabsorb it.

Conversely, ethanol works WITH the earth's carbon cycle. Much of the CO₂ that is released when plants like corn are converted into ethanol and burned in automobiles is recaptured when new plants are grown to reproduce more ethanol.

Made in America, ethanol is a fuel that strengthens our national economy and security. The United States now imports more than half its oil, and overall consumption continues to increase. By using E85, U.S. drivers can help reverse that trend.

Today, U.S. ethanol producers have the capacity to produce more than 4 billion gallons each year. A number of federal and private studies conclude that corn to ethanol production today results in 35 to 67 percent more energy than it uses!



As of date of this publication (September 2006), the above states in yellow contain E85 retail fueling locations. For a complete listing of these facilities, go to

www.E85Fuel.com.

Benefits of E85

- ✓ Using E85 reduces harmful emissions and helps protect the air we breathe.
- ✓ Ethanol is a bio-based fuel made from corn and other renewable sources right here in the USA.
- ✓ Using E85 makes us less dependent on foreign oil because ethanol is made in America from crops "grown" by American farmers.
- ✓ No special training or knowledge is needed to fuel an E85 vehicle. E85 looks and fuels just like conventional gasoline.
- ✓ The typical range of a vehicle operating on E85 is excellent.
- ✓ There is little to no incremental cost to you on the purchase of an E85 vehicle.
- ✓ All E85 vehicles are proven reliable vehicles, built as original equipment from the manufacturer, and have the same warranties as gasoline vehicles.



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For more information about becoming a member, visit the website, call or email the NEVC.

Flexible Fuel
2007 Vehicles
Fuel and Vehicle Information



www.E85Fuel.com

Provided by the National Ethanol Vehicle Coalition
www.E85Fuel.com

Flexible Fuel Vehicles (FFVs) are specially designed to run on any ethanol fuel blend up to 85%. Special on-board diagnostics “read” the fuel blend, enabling drivers to fuel with E85 or gasoline if E85 is not available, without worrying about what is in the tank. E85 has superior performance characteristics because of its high octane rating (100 plus compared to gasoline’s 87). Today, DaimlerChrysler Corporation, Ford Motor Company, General Motors, and Nissan all offer E85 engines as standard equipment in their vehicles; therefore, little to no additional cost is incurred. The vehicles are proven reliable and come with factory warranties.

What are the differences in an FFV compared to a regular gasoline-only model?

The primary difference is the fuel sensor that detects the ethanol/gasoline ratio. A number of other parts on the FFV’s fuel delivery system are modified to be ethanol-compatible. The fuel tank, fuel lines, fuel injectors, computer system and anti-siphon device have been modified slightly. Alcohol fuels can be more corrosive than gasoline; therefore; fuel system parts have been upgraded to be ethanol compatible.

What happens when E85 is not available?

The flexible fuel vehicle (FFV) system allows the driver to use any combination of gasoline or ethanol -- from 100% unleaded gasoline to 85% ethanol. A driver can therefore use unleaded gasoline if E85 is not available.

What is the range of a flexible-fuel ethanol vehicle?

Ethanol has a lower energy density than conventional gasoline. However, E85 also has a much higher octane rating (100 plus) than gasoline. FFVs are “flexible” and not dedicated to E85 and some drivers may experience a 10% - 15% drop in fuel economy. However, you’ll find the economic, environmental and energy security benefits of E85 outweigh any variation.

The fuel economy of any vehicle will vary with temperature, road conditions, driving habits and other factors. For comparison purposes, aggressive driving habits can result in a 15% loss of fuel economy and low tire pressure can reduce mileage by 6%.

Flexible Fuel Vehicles

To determine if a vehicle is E85 compatible you MUST FOLLOW TWO STEPS:

1. Check to see if your vehicle is one listed below. Be certain to check the ENGINE SIZE of the vehicle. (If your vehicle is not listed, your vehicle is NOT E85 compatible)

DaimlerChrysler

- MY ‘07** 4.7L Chrysler Aspen
- MY ‘07** 4.7L Jeep Commander
- MY ‘07** 4.7L Jeep Grand Cherokee
- MY ‘07** 4.7L Dodge Dakota
- MY ‘07** 2.7L Chrysler Sebring Sedan
- MY ‘06-‘07** 4.7L Dodge Durango
- MY ‘06 -‘07** 3.3L Dodge Caravan & Grand Caravan SE
- MY ‘04-‘07** 4.7L Dodge Ram pickup 1500 Series
- MY ‘03-‘06** 2.7L Dodge Stratus & Chrysler Sebring sedan
- MY ‘03** 3.3L Dodge Cargo minivan
- MY ‘98-‘03** 3.3L Dodge Caravan minivan
- MY ‘98-‘03** 3.3L Chrysler Town & Country and Voyager minivan
- MY ‘98-‘99** 3.3L Plymouth Voyager minivan

General Motors Corporation

- MY ‘07** 5.3L Chevrolet Express
- MY ‘07** 5.3L GMC Savana
- MY ‘07** 3.9L Chevrolet Uplander
- MY ‘07** 3.9L Saturn Relay
- MY ‘07** 3.9L Buick Terraza
- MY ‘06 -‘07** 3.5L Chevrolet Impala (models LS, 1LT & 2LT only)
- MY ‘06-‘07** 3.5L Chevrolet Monte Carlo (models LS & LT only)
- MY ‘05-‘07** 5.3L Chevrolet Avalanche
- MY ‘02-‘07** 5.3L Chevrolet Suburban, Tahoe, Chevrolet Police Tahoe, GMC Yukon & GMC Yukon XL
- MY ‘02-‘07** 5.3L GMC Sierra & Chevrolet Silverado pickup
- MY ‘00-‘02** 2.2L Chevrolet S-10 & GMC Sonoma 2WD pickup

Ford Motor Company

- MY ‘06-‘07** 4.6L Ford Crown Victoria
- MY ‘06-‘07** 5.4L Ford F-150
- MY ‘06-‘07** 4.6L Lincoln Town Car
- MY ‘06-‘07** 4.6L Mercury Grand Marquis
- MY ‘06** 3.0L Ford Taurus sedan & wagon
- MY ‘04-‘05** 4.0L Ford Explorer Sport Trac

- MY ‘02-‘05** 4.0L Ford Explorer
- MY ‘02 -‘05** 4.0L Mercury Mountaineer
- MY ‘00 -‘05** 3.0L Mercury Sable
- MY ‘99-‘05** 3.0L Ford Taurus LX, SE, & SES sedan
- MY ‘01-‘03** 3.0L Ford Ranger Supercab 2WD pickup
- MY ‘99-‘00** 3.0L Ford Ranger 2WD & 4WD pickup

Isuzu

- MY ‘00-‘01** 2.2L Hombre pickup

Mazda

- MY ‘99, ‘01-‘02** 3.0L Mazda B3000 pickup

Mercedes-Benz

- MY ‘07** 2.5L C230 Luxury sedan
- MY ‘05** 2.6L C240 Luxury sedan & wagon
- MY ‘03-‘05** 3.2L C320 Sport sedan & wagon

Nissan

- MY ‘07** 5.6L Armada
- MY ‘05-‘07** 5.6L Titan

2. If the vehicle and engine size is one listed above, check the corresponding digit in the Vehicle Identification Number (VIN) and correlate to what is listed below.

DaimlerChrysler FFVs

Vehicle	Character 8
Chrysler Aspen	P
Chrysler Sebring	T
Chrysler Town & Country	G, E or 3
Dodge Caravan & Grand Caravan	G, E or 3
Dodge Cargo Minivan	3
Dodge Dakota & Durango	P
Dodge Ram	P
Dodge Stratus	T
Jeep Grand Cherokee	P
Jeep Commander	P
Plymouth Voyager	G, E or 3

Ford Motor Company models

Vehicle	Character 8
Ford Crown Victoria	V
Ford F-150	V
Ford Explorer & Explorer Sport Trac	K

Ford Motor Company FFVs

Vehicle	Character 8
Ford Ranger	V
Ford Taurus	2
Lincoln Town Car	V
Mercury Mountaineer	K
Mercury Sable	2
Mercury Grand Marquis	V

General Motor Company FFVs

Vehicle	Character 8
Buick Terraza	W
Chevrolet Avalanche	MY 2006 and prior: Z; MY 2007: 0 or 3
Chevrolet Express	Z
Chevrolet Impala & Monte Carlo	K
Chevrolet S-10 Pickup	5
Chevrolet Silverado	MY 2006 and prior: Z; MY 2007: 0 or 3
Chevrolet Suburban	MY 2006 and prior: Z; MY 2007: 0 or 3
Chevrolet Tahoe	MY 2006 and prior: Z; MY 2007: 0 or 3
Chevrolet Uplander	W
GMC Savana	Z
GMC Sierra	Z
GMC Sonoma	5
GMC Yukon & Yukon XL	MY 2006 and prior: Z; MY 2007: 0 or 3
Saturn Relay	W

Mazda & Nissan models

Vehicle	Character 8
Mazda B3000	V
	Character 4
Nissan Armada	B
Nissan Titan	B

The information in this pamphlet is the most accurate available to the National Ethanol Vehicle Coalition from date of publication (September 10, 2006).