

E85 and FFVs – Flex Fuel Vehicles

What is E85?

E85 is a fuel made up of 85% ethanol and 15% gasoline. Ethanol is a high octane alcohol made from biodegradable corn, grain crops, or plants such as sugarcane or switchgrass.



Can I use E85 in my car?

If your vehicle is a designated flexible fuel vehicle (FFV), then it is designed to use E85 or gasoline. If your vehicle is designed to run on gasoline and is not FFV compatible, then E85 should not be used. Go to <http://www.e85fuel.com/e85101/flexfuelvehicles.php> for a list of E85 compatible vehicles.

Can E85 damage my car?

Yes. E85 is highly corrosive. FFVs have stainless-steel fuel tanks, Teflon®-lined fuel hoses, and other corrosion-resistant parts not found on vehicles which are not E85 compliant. Frequent use of E85 in a standard vehicle can damage fuel injectors, the fuel pump, or other components and can cause serious operating problems. Gasoline-ethanol blends containing up to 10% ethanol may be used in any modern vehicle, but check with your vehicle's manufacturer to be sure.

Can I convert my car to run on E85?

Kits are available to convert conventional vehicles to run on E85, however, most are not approved at state or federal levels. Before attempting a conversion, check local, state, and federal laws to ensure the vehicle can be registered and legally driven once converted.

Are Airtex fuel pumps compatible with E85?

Airtex offers a complete range of application-specific fuel pumps designed for use in E85 compatible flexible fuel vehicles. Every Airtex pump is designed to meet or beat OEM specifications for fit and performance. For complete application information, refer to the Airtex fuel pump catalog or contact the Airtex TechLine at +1-800-424-7839.