

# Why Ethanol?

- ⇒ Ethanol **replaces fossil fuel and harmful chemicals like benzene.**
- ⇒ Ethanol **burns cleaner. Avoids** harmful aromatic pollution.
- ⇒ Ethanol **boosts octane.**
- ⇒ High octane means higher compression ratios and that means **more power.**
- ⇒ Ethanol **keeps petroleum-based deposits from building up in your engine**
- ⇒ Ethanol **costs less.**

## Why E85?

- ⇒ **E85 is an ethanol-gasoline fuel mix, generally with a ratio of 85% ethanol to 15% gasoline**
- ⇒ **E85 ethanol** is a plant-based fuel.
- ⇒ **E85 is available and affordable, and burns cooler.**



*Advanced Biofuels USA, a nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change solution.*



## What is E85?



**E85** is an abbreviation typically referring to an ethanol fuel blend of 85% ethanol and 15% gasoline or other hydrocarbon by volume.

## What vehicles can use E85



Before adding **E85**, check your owner's manual. In the US, **Flex Fuel Vehicles ( FFVs)** are designed to run on any mixture of gasoline or ethanol up to 85% ethanol

## E85 worldwide

- ⇒ **E85** is widely available in **France** and **Sweden**. Flex-fuel kits installed doubled in 2021 in **France**.
- ⇒ **Finland's** government has offered motorists incentives to switch to vehicles that can run on eco-friendly **E85**.
- ⇒ **Brazil** has been using high ethanol blends since 1975 in response to high fuel prices.

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