

2016 UPDATE

E15: Expanding Fuel Options

For four years, E15 has been providing consumers higher octane for a lower price. E15 goes further to reduce U.S. oil dependence and cut carbon emissions.

Approved

E15 is approved by the U.S. Environmental Protection Agency (EPA) for use in all light duty vehicles built since 2001. This accounts for about 85% of today's automotive fleet.

Endorsed

Manufacturers of more than 70% of the new vehicles sold in 2016 list E15 as an approved fuel.

Intro to E15

- Blend of 15% ethanol and 85% gasoline
- Reduces tailpipe emissions
- Provides attractive alternative to regular unleaded gasoline

E15

Tested

E15 is the most tested fuel in the history of EPA approval.

- The Dept. of Energy ran E15 tests on dozens of cars for 6 million miles without finding any problems
- The real test, however, has been by consumers, who have driven 250 million miles on E15 with no reported cases of engine damage or misfueling

Automaker Approval of E15

- Explicitly approved by automaker in all vehicle models
- Explicitly allowed by automaker in some vehicle models
- Approved by EPA/not approved by automaker

	MY 2012	MY '13	MY '14	MY '15	MY '16
Audi					
BMW/MINI					
Chrysler Group					
Chrysler					
Dodge*					
Fiat					
Jeep					
Ram					
Ford Motor Company					
Ford*					
Lincoln					
General Motors Corp.					
Chevrolet					
Buick					
Cadillac					
GMC					
Honda Motor Company					
Honda					
Acura					
Hyundai					
Jaguar					
Kia Motors					
Land Rover					
Mazda					
Mercedes-Benz					
Nissan Motor Company					
Nissan					
Infiniti					
Porsche					
Subaru					
Toyota Motor Corp.					
Toyota					
Lexus					
Scion					
Volkswagen					
Volvo					
All others					

*Except Dodge Viper and Ford F-650/F-750

Note: All data are of 2015 unless otherwise noted.

ATTENTION
E15
Up to 15% ethanol

Use only in

- 2001 and newer passenger vehicles
- Flex-fuel vehicles

Don't use in other vehicles, boats or gasoline-powered equipment. It may cause damage and is **prohibited** by Federal law.

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E15 is currently available in 23 states and rapidly expanding nationwide.



Nearly all existing underground storage tanks are compatible with E15.



Lowers price

E15 is typically less expensive than E10 and regular unleaded gasoline.

Boosts octane

E15 boosts the octane value of fuel to 88–90 compared to 87 octane in regular E10.

E15: State-by-state availability



Most aboveground pumps already in use at retail stations are compatible with E15.

The two primary U.S. pump manufacturers guarantee that all pumps built since 2003 (Wayne), and 2008 (Gilbarco) are E15 compatible.



Funding opportunities can offset the cost of offering higher-level ethanol blends:

- Through the USDA's Biofuels Infrastructure Partnership (BIP) Program, more than \$100 million will be invested in retail infrastructure to support the expansion of E15 at approximately 1,500 stations in 21 states
- States and organizations have provided grants, credits, and promotional efforts
- An industry-wide program, "Prime the Pump," offers financial assistance



The cost to retailers to offer E15 can be less than \$1,000 depending on the existing equipment found at each station.