

## What is a flex-fuel vehicle?

Flex-fuel vehicles, commonly called FFVs, are cars engineered to run on any ethanol/gasoline blend between E10 and E85. FFVs allow the drivers,



when available, to choose their fuel blend such as E20, E30, E50 up to E85. Drivers choose higher blends for a

number of different reasons: price, cleaner burning fuel, and to support American jobs and American-made products.

## What are the advantages of FFVs & ethanol blends?

- Ethanol can help lower the price of a gallon of gasoline.
- Ethanol increases horsepower and octane.
- Ethanol reduces engine knocking and pinging.
- Ethanol helps keep your engine clean by reducing fuel injection system build up.
- Ethanol helps prevent gas line freeze in the winter.
- Ethanol burns cleaner, reducing greenhouse gas emissions by as much as 50%.
- American Ethanol supports over 400,000 jobs across the economy, jobs that cannot be outsourced.
- American Ethanol increases our country's energy independence and strengthens our economic and national security by keeping American dollars at home rather than sending them to oil-rich countries in the Middle East and elsewhere around the globe.

Visit [www.ChooseEthanol.com](http://www.ChooseEthanol.com) for more information and sources.



## Are there a lot of FFVs on the roads today?

There are more than nine million FFVs on the roads today: including compacts, sedans, minivans, trucks and SUVs. American automakers have pledged to make 50% of all new vehicles model year 2012 and beyond flex-fuel capable.

Before you fill your tank with a flex-fuel blend, make sure you have a FFV. Check your fuel door, look for an exterior FFV badge, yellow gas cap, or look in your owner's manual.



## Where can you find flex-fuel?

There are more than 2,800 retail stations offering these ethanol blends across the country. There's probably one closer than you realize. Visit our website to find the station nearest you. You can use your Garmin or TomTom GPS system, iPhone, iPad, Blackberry, or Android smartphone.

Head to [www.ChooseEthanol.com](http://www.ChooseEthanol.com) for more information and step-by-step instructions!

If you don't own a FFV, you should consider one when you purchase your next vehicle. However, you can still use ethanol. You can use E10 in all vehicles and E15 in all vehicles manufactured after 2000.



[www.ChooseEthanol.com](http://www.ChooseEthanol.com)



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**Choose  
your fuel.**

**Choose  
your future.**

**Choose  
ethanol.**



# Can you Flex-Fuel?

Check by manufacturer to verify compatibility.

## Model Year & Engine Type

GENERAL MOTORS	2012	2011	2010	2009	2008	2007	2006	2005	2004-2003	2002	2001-2000
Buick Lucerne		3.9L	3.9L	3.9L							
Buick Regal	2.0L	2.0L									
Buick Regal	2.4L										
Buick Lacrosse	3.6L										
Buick Terraza						3.9L					
Buick Verano	2.4L										
Cadillac Escalade, ESV, EXT	6.2L	6.2L	6.2L	6.2L							
Cadillac SRX	3.6L										
Chevrolet Avalanche	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L			
Chevrolet Avalanche			6.2L								
Chevrolet Caprice Police	3.6L										
Chevrolet Caprice Police	6.0L										
Chevrolet Equinox	2.4L										
Chevrolet Equinox	3.0L	3.0L									
Chevrolet Express	4.8L	4.8L	4.8L								
Chevrolet Express	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L					
Chevrolet Express	6.0L	6.0L	6.0L								
Chevrolet HHR		2.2L	2.2L	2.2L							
Chevrolet HHR		2.4L	2.4L	2.4L							
Chevrolet Impala		3.5L	3.5L	3.5L	3.5L	3.5L	3.5L				
Chevrolet Impala	3.6L										
Chevrolet Impala		3.9L		3.9L	3.9L						
Chevrolet Malibu	2.4L	2.4L	2.4L								
Chevrolet Malibu			3.5L	3.5L							
Chevrolet Monte Carlo					3.5L	3.5L					
Chevrolet S-10 Pickup 2WD									2.2L	2.2L	
Chevrolet Silverado	4.8L	4.8L	4.8L								
Chevrolet Silverado	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L		
Chevrolet Silverado	6.2L	6.2L	6.2L	6.2L							
Chevrolet Suburban	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	
Chevrolet Suburban			6.2L								
Chevrolet Tahoe	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	
Chevrolet Tahoe				6.2L							
Chevrolet Uplander					3.9L	3.9L					
GMC Savana	4.8L	4.8L	4.8L								
GMC Savana	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L					
GMC Savana	6.0L	6.0L	6.0L								
GMC Sierra	4.8L	4.8L	4.8L								
GMC Sierra	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	
GMC Sierra	6.2L	6.2L	6.2L	6.2L							
GMC Sonoma Pickup 2WD									2.2L	2.2L	
GMC Terrain	2.4L										
GMC Terrain	3.0L	3.0L									
GMC Yukon	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	
GMC Yukon	6.2L	6.2L	6.2L	6.2L							
GMC Yukon XL	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	5.3L	
GMC Yukon XL	6.2L	6.2L	6.2L	6.2L							
Hummer H2 & SUT			6.2L	6.2L							
Pontiac G6				3.5L							
Saturn Relay						3.9L					

To verify if a GM vehicle is a FFV, check for a yellow fuel cap, sticker on the fuel door, badging on rear of vehicle or obtain the VIN number and contact the GM Customer Assistance Center by visiting their website [www.gm.com](http://www.gm.com) or by calling 1-800-222-1020.

SAAB	8th VIN Digit	2012	2011
9-3	R	2.0L	
9-5	R	2.0L	2.0L

All flex-fuel SAABs will have a "BioPower" badge on the lower right of the trunk lid.

VOLKSWAGEN	8th VIN Digit	2012
Routan	G	3.6L

## FORD/LINCOLN/MERCURY

	8th VIN Digit	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003-2002	2001	2000-1999
Ford Crown Victoria	V		4.6L	4.6L	4.6L	4.6L	4.6L	4.6L					
Ford E-Series Commercial Van/Wagon/Cutaway	W	4.6L	4.6L	4.6L	4.6L								
Ford E-Series Commercial Van/Wagon/Cutaway	L	5.4L	5.4L	5.4L	5.4L								
Ford Escape	G	3.0L	3.0L	3.0L									
Ford Expedition	5	5.4L	5.4L	5.4L	5.4L								
Ford Explorer (4 door)	K								4.0L	4.0L	4.0L		
Ford Explorer Sport Trac	K								4.0L	4.0L			
Ford F-150	M	3.7L	3.7L										
Ford F-150	F	5.0L	5.0L										
Ford F-150	V			5.4L	5.4L	5.4L	5.4L	5.4L					
Ford Focus		2.0L											
Ford Fusion	G	3.0L	3.0L	3.0L									
Ford F-Series Super-Duty	6	6.2L	6.2L										
Ford Ranger Pickup 4WD & 2WD	V												3.0L
Ford Supercab Ranger Pickup 2WD	V										3.0L	3.0L	
Ford Taurus (sedan & wagon)*	2							3.0L		3.0L	3.0L		
Ford Taurus LX, SE & SES	2											3.0L	3.0L
Lincoln Town Car	V		4.6L	4.6L	4.6L		4.6L	4.6L					
Lincoln Navigator/Navigator L	5	5.4L	5.4L	5.4L	5.4L								
Mercury Grand Marquis	V		4.6L	4.6L	4.6L	4.6L	4.6L						
Mercury Mountaineer	K								4.0L	4.0L	4.0L		
Mercury Mariner	G		3.0L	3.0L									
Mercury Milan	G		3.0L	3.0L									
Mercury Sable	2									3.0L	3.0L		

\*Many 1995-98 Taurus 3.0L sedans are also FFVs. To verify FFV capability, check the owner's manual for a particular Ford/Lincoln/Mercury vehicle and look for badging and/or labels on the vehicle, on the fuel cap and/or near the fuel inlet to indicate FFV/E85.

## MERCEDES BENZ

	2012	2011-2008	2007	2006	2005-2004	2003
C230			2.5L			
C240					2.6L	
C300	3.0L	3.0L				
C320					3.2L	3.2L
C350	3.5L					
E350	3.5L					
ML350	3.5L					

To verify if the Mercedes is a FFV: The fuel filler cap should be black with a yellow outer ring and there should be a label on the inside of the fuel filler door indicating "premium gasoline/min 91 Octane or E85 only". On the Vehicle Emission Control Information label, located under the hood, the fuel type should be "Gasoline/Ethanol" and indicate "FFV". Or obtain the Vehicle Identification Number (VIN) and contact the MBUSA Customer Assistance Center at 1-800-FOR-MERCEDES (1-800-367-6273).

## CHRYSLER

	2012	2011	2010	2009-2008	2007	2006	2005-2004	2003	2002-1998
Chrysler 200 (includes convertible)	3.6L								
Chrysler 300	3.6L	3.6L							
Chrysler Aspen				4.7L	4.7L				
Chrysler Sebring Convertible		3.6L	2.7L	2.7L			2.7L		
Chrysler Sebring Sedan		3.6L	2.7L	2.7L	2.7L	2.7L	2.7L		
Chrysler/Plymouth Voyager								3.3L	3.3L
Chrysler Town & Country	3.6L	3.6L	3.3L	3.3L				3.3L	3.3L
Dodge Avenger	3.6L	3.6L	2.7L	2.7L					
Dodge Caravan			3.3L		3.3L	3.3L		3.3L	3.3L
Dodge Caravan Cargo					3.3L			3.3L	
Dodge Challenger			3.6L						
Dodge Charger	3.6L		3.6L						
Dodge Dakota		4.7L	4.7L	4.7L	4.7L				
Dodge Durango	3.6L	3.6L		4.7L	4.7L	4.7L			
Dodge Grand Caravan	3.6L	3.6L	3.3L	3.3L	3.3L	3.3L		3.3L	3.3L
Dodge Journey	3.6L	3.6L							
Dodge Ram 1500	4.7L	4.7L	4.7L	4.7L	4.7L	4.7L			
Dodge Stratus						2.7L	2.7L	2.7L	
Jeep Commander				4.7L	4.7L				
Jeep Grand Cherokee	3.6L	3.6L		4.7L	4.7L				

Vehicle data in this publication is accurate with all available information provided by 11/01/2011.

## Model Year & Engine Type

## ISUZU & MAZDA

	8th VIN Digit	2012	2011	2010-2004	2003-2002	2001	2000	1999
Isuzu Hombre Pickup 2WD						2.2L	2.2L	
Mazda B3000	V				3.0L	3.0L		3.0L
Mazda Tribute	G		3.0L					

## TOYOTA

	2012-2009
Toyota Sequoia	5.7L
Toyota Tundra	5.7L

Select Toyota models only. Check the owners' manual to verify E85 compatibility.

## NISSAN

	4th VIN Digit	2012-2007	2006-2005
Nissan Armada	B	5.6L	
Nissan Titan	B	5.6L	5.6L

## BENTLEY

	2012-2011
Continental Flying Spur	6.0L
Continental Flying Spur Speed	6.0L
Continental GT	6.0L
Continental GT Speed	6.0L
Continental GTC	6.0L
Continental GTC Speed	6.0L
Continental Supersport	6.0L