

Diesel Vehicles for Sale in the U.S.

General Industry Trends

Half of Europe's 15 million annual new car sales have diesel engines. In the U.S. manufacturers sell fewer than 50,000 diesel cars a year.

J. D. Power and Associates estimate that by 2015, diesel penetration in the U.S. market is expected to hit 15 percent. But, according to the EPA, if we had a light-duty vehicle population that was one-third diesel or roughly one-half the diesel market now in Europe today, we'd save up to 1.4 million barrels of oil per day in the U.S. That's equivalent to the amount of oil the U.S. currently imports daily from Saudi Arabia. Approximately 3% to 4% of light duty vehicles sold in the U.S. today are equipped with diesel engines.

Diesel-powered vehicles that rely on a controversial chemical called urea to lower tailpipe emissions are closer to getting a green light from the EPA. At least one automaker has developed an early-warning system that satisfies the EPA that drivers won't run the car out of urea – and violate emissions limits as a result. The EPA declined to name the automaker.

Ultra low sulfur diesel fuel, now available, will allow automakers to fit diesel-powered cars with particulate trap filters.

For statements from engine and vehicle manufacturers, regarding the use of biodiesel, please visit: http://www.biodiesel.org/resources/fuelfactsheets/standards_and_warranties.shtm

Cars, Trucks and SUVs

Jeep Grand Cherokee – New for 2007 MY (announced June 1)



Diesel Model

Powertrain – 3.0L CRD (Diesel)

Maximum Torque – 376 lb.-ft. @ 1600-2800 rpm

Maximum Horsepower – 215 hp @ 3800 rpm

Fuel Economy – mpg (est.)

City – 19

Highway – 23

* Approved for use of B5 biodiesel; receives B5 fill at the factory

Mercedes Benz E320 BLUETEC



Diesel Model

Powertrain – 3.0L V6

Maximum Torque – 388 lb/ft @ 1600-2400 rpm

Maximum Horsepower – 208 HP @ 3800 rpm

Fuel Economy (mpg)

City – 27

Highway – 37

Combined – 32

Performance (0-60mph) – 6.8 secs

Highway Range – 780 miles

* Approved for use of B5 biodiesel

Mercedes Benz R320 CDI



Diesel Model

Powertrain – 3.0L V6
Maximum Torque - 398 lb/ft @ 1600-2800 rpm
Maximum Horsepower - 215 HP @ 3800 rpm
Fuel Economy (mpg)
City - 21
Highway - 28
Combined - 24
Performance (0-60mph) -
Highway Range –
N/A in Green States
* Approved for use of B5 biodiesel

Mercedes Benz ML320 CDI



Diesel Model

Powertrain – 3.0L V6 (Diesel)
Maximum Torque - 398 lb/ft @ 1400 rpm
Maximum Horsepower - 215 HP @ 3800 rpm
Fuel Economy (mpg)
City - 21
Highway – 27
Combined - 23
Performance (0-60mph) – n/a
Highway Range –
N/A in Green States
* Approved for use of B5 biodiesel

Mercedes BenzGL-Class GL320 CDI



Diesel Model

Powertrain – 3.0L V6 (Diesel)
Maximum Torque - 398 lb/ft @ 1400 rpm
Maximum Horsepower - 215 HP @ 3800 rpm
Fuel Economy (mpg)
City - 20
Highway - 25
Combined - 22
Performance (0-60mph) – n/a
Highway Range –
N/A in Green States
* Approved for use of B5 biodiesel

Volkswagen Touareg TDI 2007



Diesel Model

Powertrain – V10 TDI Diesel – Named International Engine of the Year in its class
Maximum Torque – 553 lb/ft
Maximum Horsepower – 310 HP
5.0 L Engine
Fuel Economy (mpg)
City – 17
Highway – 23
Fuel Tank Capacity – 26.4 gallons
Tier 1 emissions vehicle approved in all 50 states
* Approved for use of B5 biodiesel

Volkswagen Beetle TDI – Available in '07 CY, but only as a '06 Model



Diesel Model

Powertrain - 1.9L, I-4 (Diesel)
Maximum Torque - 177 lb/ft @ 1800 rpm
Maximum Horsepower - 100 HP @ 4000 rpm
Fuel Economy (mpg)
City - 36
Highway - 42
Combined - 39
Performance (0-60mph) - 12.6 secs
Highway Range - 609 miles
* Approved for use of B5 biodiesel

Volkswagen Jetta TDI – Available in '07 CY, but only as a '06 Model



Diesel Model

Powertrain - 1.9L, I-4 (Diesel)
Maximum Torque - 177 lb/ft @ 1800 rpm
Maximum Horsepower - 100 HP @ 4000 rpm
Fuel Economy (mpg)
City - 36
Highway - 42
Combined - 39
Performance (0-60mph) - 11.6 secs
* Approved for use of B5 biodiesel

Gas Model

Powertrain - 2.5L, I-5 (Gas)
Maximum Torque - 170 lb/ft @ 3750 rpm
Maximum Horsepower - 150 HP @ 5000 rpm
Fuel Economy (mpg)
City - 22
Highway - 30
Combined - 26

Heavy-Duty Trucks, Pickups and SUVs

Chevrolet Silverado 2500/3500 HD



Diesel Model

Powertrain - 6.6L, V8 (Diesel)
Maximum Torque - 650 lb/ft @ 1600 rpm
Maximum Horsepower - 360 HP @ 3000 rpm
Fuel Economy (mpg) – N/A
Performance (0-60mph) – N/A
Highway Range – N/A

* Approved for use of B5 biodiesel, up to B20 for approved fleets with Special Equipment Option

GMC Sierra 2500HD/3500 HD



Diesel Model

Powertrain - 6.6L, V8 (Diesel)
Maximum Torque - 650 lb/ft @ 1600 rpm
Maximum Horsepower - 360 HP @ 3000 rpm
Fuel Economy (mpg) – N/A
Performance (0-60mph) – N/A
Highway Range – N/A

* Approved for use of B5 biodiesel, up to B20 for approved fleets with Special Equipment Option

Chevrolet Express 2500 HD/3500 Cargo



Diesel Model

Powertrain - 6.6L, V8 (Diesel)
Maximum Torque - 460 lb/ft
Maximum Horsepower - 250 HP
Fuel Economy (mpg) - N/A
Performance (0-60mph) - N/A
Highway Range - 620 miles

* Approved for use of B5 biodiesel, up to B20 for approved fleets with Special Equipment Option

GMC Savana G2500/G3500



Pictured: 2007 Savana Cargo Van 1500

Diesel Model

Powertrain - 6.0L, V8 (Diesel)
Maximum Torque - 460 lb/ft @ 1600
Maximum Horsepower - 250 HP @ 3200
Fuel Economy (mpg) N/A
Performance (0-60mph) - N/A
Highway Range - 618 miles

* Approved for use of B5 biodiesel, up to B20 for approved fleets with Special Equipment Option

Dodge Ram 2500/3500



Diesel Model

Powertrain - 5.9L, I-6 (Cummins Diesel)
Maximum Torque - 610 lb/ft @ 1600 rpm
Maximum Horsepower - 325 HP @ 2900 rpm
Fuel Economy (mpg) N/A
Performance (0-60mph) - N/A

* Approved for use of B20 biodiesel by fleets; B5 for general consumers; receives B5 fill at the factory

Dodge Sprinter Van



Diesel Model

Powertrain - 2.7L, I-5 (Diesel)
Maximum Torque - 243 lb/ft @ 1600-2400 rpm
Maximum Horsepower - 154 HP @ 3800 rpm
Fuel Economy (mpg) - N/A
Performance (0-60mph) - N/A

* Approved for use of B2 biodiesel

Ford Super Duty F250/F350



Diesel Model

Powertrain - 6.0L, V8 (Diesel)
 Maximum Torque - 570 lb/ft @ 2000 rpm
 Maximum Horsepower - 325 HP @ 3300 rpm
 Fuel Economy (mpg)
 City - 14
 Highway - 18
 Combined - 16
 Performance (0-60mph) - 8.2 secs
 Highway Range - 684 miles

*Approved for use of B5 biodiesel

Ford E-Series E350



Diesel Model

Powertrain - 6.0L, V8 (Diesel)
 Maximum Torque - 570 lb/ft @ 2000 rpm
 Maximum Horsepower - 325 HP @ 3300 rpm
 Fuel Economy (mpg) - N/A
 Performance (0-60mph) - N/A
 Highway Range - 630 miles

*Approved for use of B5 biodiesel

Coming Soon	
Audi	<p>Date posted: 02-02-2007</p> <p>In 2008 Audi of America will introduce the first in a series of diesel engine variants with the Audi Q7 3.0 TDI. Audi of America is targeting full 50 state emissions approval for this model.</p> <p>Source: Audi website</p> <p>Posted 01-15-2007</p>
BMW	<p>Date posted: 05-03-2005</p> <p>BMW will begin selling diesel-powered cars in America in 2007, and the first diesel BMW in America is likely to be an SUV, probably the X5. In Europe, BMW offers diesel engines in all the 6 Series and Z4 sports cars.</p> <p>Source: <i>Automotive News</i></p> <p>Updated: 01-16-2006</p> <p>BMW will have a diesel in the U.S. by 2008.</p> <p>Source: <i>Automotive News</i></p> <p>Updated: 07-20-2006</p> <p>BMW said it will follow the lead of other European automakers, including Volkswagen AG, and begin to sell diesel cars in the U.S. market within the next two years, using a urea-based additive to meet emissions standards, according to a <i>Financial Times</i> report.</p>

Chrysler	<p>1/23/07: Dieter Zetsche remarks at the Washington Auto Show</p> <p>The modern clean diesel has a lot to offer today, and in the future. Thus, the Chrysler Group roll out of clean diesel vehicles will continue.</p> <p>We're introducing one of many vehicles DaimlerChrysler will offer by the end of next year - the 2007 Dodge Ram heavy-duty pickup, equipped with the 6.7 liter Cummins — the Chrysler Group's first BLUETEC engine.</p> <p>Working with Cummins, the objective was to find a way to make our heavy-duty pickups drive as clean as they are powerful. We believe the result is a real winner ... a BLUETEC heavy-duty pickup truck that meets the 2010 emission standards in all 50 states. And does so three years before the deadline!</p>
Dodge	<p>Posted: 07-31-2006</p> <p>Dodge is likely to get a pair of new high performance turbocharged diesel engines from its longtime diesel engine supplier, Cummins. The engines, a 4.2-liter V-6 and a 5.6-liter V-8 are scheduled for production in 2010 and probably will first appear in the light duty 1500 version of the Ram pickup and Durango SUV.</p> <p>Source: <i>Automotive News</i></p>
Ford	<p>Posted: 06-19-2006</p> <p>Ford Motor Co., is developing a 4.4-liter V-8 diesel engine for use in the F-150 pickup later this decade. Source: <u><i>Automotive News</i></u></p>
GM	<p>Posted: 08-29-2005</p> <p>GM is leaning towards a controversial emissions system, urea injection, that enables diesel engines to meet tough pollution standards in place for 2009. The alternative, a filter in the exhaust system, called a lean NOx trap is also being considered.</p> <p>Source: <i>Automotive News</i></p> <p>Updated: 06-12-2006</p> <p>General Motors plans a series of expensive changes to its Duramax V-8 engine for 2007 CY. Changes include an oxidizing catalytic converter and particulate filter.</p> <p>Source: <i>Automotive News</i></p> <p>Posted: 09-07-06</p> <p>GM will introduce a new V-8 turbo diesel that improves engine fuel efficiency by 25% in light-duty trucks after 2009.</p> <p>Source: Diesel Technology Forum, <i>Diesel Direct</i> newsletter</p>

<p>Honda</p>	<p>Date posted: 01-05-2007</p> <p>Honda president Takeo Fukui has been quoted in the Japanese press as saying that a next generation V-6 diesel will be commercialized by Honda, and is set to slot into the Ridgeline along with other unspecified models.</p> <p>First, though, Honda will kick off with its 2.2-2.4-litre class, four-cylinder "super clean" turbodiesel that'll run in the next Stateside Accord, appearing around 2009. This is expected to be a breakthrough engine, with emissions as clean as a modern gasoline powerplant, able to meet even the toughest regulations in the world (i.e. the EPA's Tier II Bin 5 regulations).</p> <p>Source: Winding Road website</p>
<p>Hummer</p>	<p>Date posted: 11/29/06</p> <p>Within the next three years, GM's Hummer brand will offer biofuel powertrains across its entire vehicle lineup...including its future Hummer products. Hummer is the world's first automotive brand to make such a commitment.</p> <p>Source: GM's Rick Wagoner - Announcement to the Motor Press Guild at the Los Angeles Auto Show</p>
<p>Hyundai</p>	<p>Date posted: 01-29-2007</p> <p>Hyundai Motor America Chief Operating Officer Steve Wilhite said he hopes to bring diesel engines to the company's U.S. lineup. A final decision has not been made, but Wilhite said U.S. executives are studying the market for diesels. South Korea-based Hyundai Motor Co. offers diesel-powered passenger cars in Asia and Europe.</p> <p>Source: Detroit Free Press</p>
<p>Jaguar</p>	<p>Date posted: 06-22-2005</p> <p>Jaguar is set to introduce a turbodiesel version of its flagship XJ model, which until now was available only with gasoline engines.</p> <p>No indication whether this option will be available in the U.S. or Europe only.</p> <p>Source: Edmunds.com</p>
<p>Jeep</p>	<p>Posted 06-05-2006</p> <p>DaimlerChrysler ended production on its successful diesel Jeep Liberty SUV for the U.S. market, because the vehicle doesn't meet tougher federal regulations that go into effect in 2007 CY.</p> <p>Source: <i>Detroit News</i></p> <p>In place of the Liberty, DaimlerChrysler is introducing the new 2007 diesel Jeep Grand Cherokee, factory fueled with 5% biodiesel.</p>

Mazda	<p>Date posted: 07-21-2005</p> <p>A Mazda spokesman told U.K. magazine <i>Auto Express</i> that Mazda is planning to add a high-performance diesel option to the MX-5 roadster, "There are people working on high-revving diesel engines at the moment, and I can see us using one in the MX-5." No indication whether this option will be available in the U.S. or Europe only.</p>
Mercedes	<p>Posted 01-23-07: Dieter Zetsche address at Washington Auto Show</p> <p>Next year, DaimlerChrysler intends to bring three more Mercedes-Benz BLUETEC models to the U.S. market. Our BLUETEC R-, M- and GL-Class vehicles will all be assembled at our plant in Alabama. These BLUETEC vehicles will meet the tough Tier 2/BIN 5 and 50-state diesel emissions standards.</p> <p>Date posted: 01-16-2006</p> <p>Mercedes-Benz confirmed that it will introduce five diesel models beginning this fall. The current mid-sized E320 CDi diesel sedan will be replaced by a new version with a new engine. The vehicle will be joined by the GL320 and ML320 SUVs and the full size S320 sedan and R-class sport wagon. All will be powered by a new four-valve-per-cylinder V-6 diesel engine, and all will have a new emissions system called BlueTec.</p> <p>BlueTec is a combination of emissions technologies that will be rolled out in two phases. The Mercedes diesels coming this fall will be available in only 45 states and will use filters and traps in the exhaust system. Then, in the fall of 2008, BlueTec will add a urea-injection system that will reduce oxides of nitrogen.</p> <p>Source: <i>Automotive News</i></p>
Nissan	<p>Posted 12-15-2007</p> <p>North America, Japan, and China will get vehicles with the clean diesel engines sometime after April 1, 2010. Nissan says its diesels will meet coming strict U.S. rules that require emissions no worse than gasoline cars.</p> <p>Source: <i>Automotive News</i></p> <p>Posted: 12-05-2005</p> <p>Nissan Motor Co. is likely to offer a diesel engine in its Titan pickup.</p> <p>"Diesels make sense on the large pickups and large SUVs, particularly in the fight on CO2," Nissan CEO Carlos Ghosn said. "I think diesels will come to the U.S. market, through large pickups and large SUVs and probably some luxury cars from the German manufacturers."</p> <p>He added: "We are preparing for it. We don't want to be surprised. And Titan is our biggest pickup truck."</p>

Subaru	<p>Date posted: 03-28-2006</p> <p>TOKYO — Fuji Heavy Industries, the parent company of Subaru, said it is developing a diesel engine that is earmarked initially for the European market but eventually will find its way to North America.</p> <p>Chief executive Kyoji Takenaka told Reuters news service that the company is able to accelerate its diesel development because of a recent agreement with Toyota to share that automaker's hybrid technology. Takenaka said he expects the diesel to reach production in late 2007 or early 2008. It probably will be installed initially in the Legacy sedan and wagon, which aren't due for a major redesign until model-year 2009.</p>
Toyota	<p>Date posted: 01-05-2006</p> <p>TOKYO — Toyota is secretly planning a big diesel pickup truck for the U.S. market and will add a hybrid as well, according to a report in Tokyo.</p> <p>In a move to counter soaring energy prices and stifle accusations of building gas guzzlers, Toyota is going eco-friendly with the next Tundra. Sort of.</p> <p>In the works is a new big-block diesel V8, an engine Toyota plans to drop into the new Tundra and build at the rate of 70,000 units per year out of its new greenfield TMMTX plant in San Antonio, Texas, that opens this year. <u>However, the diesel is apparently still three years away.</u></p> <p>Source: Edmunds.com</p>
Volkswagen	<p>Posted 06-13-2006</p> <p>Last year, Volkswagen sold 17,000 diesels in America. The company currently sells the Jetta and New Beetle diesels in 45 states, but there will be no New Beetle diesels in the '07 model year. Volkswagen plans to build up an inventory of about 10,000 Jettas between now and Dec 31 and sell leftover 2006 models while it retools its diesel fuel injection system. <u>The VW Touareg sport utility diesel V-10 model currently sells in 50 states, but that will drop down to 45 for the '07 model year.</u></p> <p>In 2008, VW plans to offer the popular Jetta model in a diesel powertrain.</p> <p>Source: Forbes</p> <p>Posted 12-5-2007</p> <p>Volkswagen plans to sell the new Tiguan small SUV with a 2.0-liter turbocharged diesel engine in all 50 states, probably by late next year.</p> <p>That will give Volkswagen an exclusive. No other small SUVs are available in the United States with a diesel engine, which usually offers a fuel economy gain of 30 percent over a gasoline engine.</p> <p>Source: Automotive News</p>