

Mercedes Bluetec Diesel Engines

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Mercedes Bluetec Diesel Engines

The heart of Mercedes diesel cars like the E320 BLUETEC is a 3.0-liter V6 turbodiesel engine. The engine has four valves per cylinder and each fuel injector is located at the center of the top of the combustion chamber, in the same location where most four-valve gasoline engines locate the spark plug, for optimum fuel burn.

How the Mercedes-Benz BLUETEC System Works

BlueTEC is Daimler AG's marketing name for engines equipped with advanced NO_x reducing technology for vehicle emissions control in diesel-powered vehicles. The technology in BlueTec vehicles includes a selective catalytic reduction (SCR) system that uses diesel exhaust fluid, and a system of NO_x adsorbers the automaker calls DeNO_x, which uses an oxidizing catalytic converter and diesel ...

BlueTec - Wikipedia

Mercedes-Benz BlueTEC Diesel Engines It's no secret that Mercedes-Benz sets the bar high when it comes to performance engineering and innovation. While handcrafted AMG models offer astounding speed and power, Mercedes-Benz BlueTEC engines are on the other end of the spectrum, representing a different kind of excellence.

Mercedes-Benz BlueTEC Diesel Engines

Diesel Mercedes-Benz cars, SUV and Sprinter vans equipped with BlueTEC engines are one of the most advanced diesel engines in the world. High-pressure fuel injection system and variable geometry turbochargers ensure optimal combustion. This gives better power output and lowers exhaust gas emissions.

Common Mercedes Diesel Problems | CDI & BlueTec - MB Medic

BlueTEC is a trademark name used by Mercedes-Benz to describe its diesel engine exhaust treatment system. In order to keep up with the steadily evolving and increasingly demanding emissions laws of North America and Europe, the company has designed and released two versions of this system.

What Is BlueTEC Clean Diesel Technology?

The OM642 V6 CDI/BlueTEC engine replaced the previous five- and six-cylinder OM647 and OM648 inline engines. This MB 3.0L diesel unit was offered as an engine option for many cars and vans produced by Mercedes-Benz as well as under the Dodge, Jeep, Chrysler, and Freightliner brand. The OM642 was produced in DE30LA, DE30LA red, and LSDE30LA ...

Mercedes OM642 3.0 CDI Engine specs, problems, reliability ...

Perhaps the biggest benefit of choosing a BlueTEC® diesel vehicle is that you'll be behind the wheel of one of the cleanest fuel-powered engines on the Norwalk roads. Take a look at our special offers online before visiting us in person to explore BlueTEC®-equipped options like the Mercedes-Benz Sprinter.

What is Mercedes-Benz BlueTEC®? | Diesel Technology ...

Mercedes-Benz Diesel vehicles impacted by the scandal involve a wide range of BlueTEC diesel-based models. While these vehicles differ in overall performance and style, each is alleged to have a 'cheat device' or emissions software installed that conceals the actual contents of their exhaust, jeopardizing the health of the driver and the environment.

Mercedes-Benz Emissions Scandal (BlueTEC Diesel) - Your ...

Mercedes line of Bluetec' turbocharged diesel engines can be found under the hood of many different Mercedes cars, SUVs and vans. These powerful and efficient diesels are designed with advanced controls for smooth power delivery, low emissions and reduced fuel consumption.

Symptoms of Problems With Mercedes Bluetec Diesel - Burdi ...

The Mercedes-Benz OM642 engine is a 3.0 litres (2,987 cc), 24-valve, aluminium/aluminium block and heads diesel 72° V6 engine manufactured by the Mercedes-Benz division of Daimler AG as a replacement for the Mercedes straight-5 and straight-6 cylinder engines.. The engine features common rail Direct injection and a variable nozzle turbocharger. ...

Mercedes-Benz OM642 engine - Wikipedia

Aside from torque, the other great advantage of diesel engines is their range. The higher energy density of the fuel compared with gas means that cars like the E350 BlueTec burn juice at a slower ...

2011 Mercedes-Benz E350 BlueTec Diesel - Car and Driver

BlueTEC is the culmination of more than 100 years spent developing, and then perfecting, diesel engine technology, from the company that invented diesels in the first place. How green is it? Mercedes-Benz BlueTEC vehicles get 20 to 30 percent better fuel efficiency than similar-sized gas-powered cars, and can take you 600 miles - that's a trip from New York City to Detroit - on a single tank ...

BlueTEC Clean Diesel - Mercedes-Benz USA

Mercedes-Benz BlueTEC Diesel Engines In terms of the American consumer automobile market, Mercedes-Benz is perhaps the most well-known manufacturer of diesel vehicles. With the exception of Volkswagen, Mercedes-Benz is currently the only automaker manufacturing diesel passenger vehicles intended for sale in the United States.

Mercedes-Benz BlueTEC Diesel Engines | Autobytel.com

All 2007 to 2020 Mercedes-Benz BlueTec diesels have a Diesel Particulate Filter (DPF) in the exhaust system. The DPF traps the black soot commonly found in diesel exhaust. Once the DPF contains its predetermined limit of soot, the engine computer (ECU) increases the exhaust temperature to about 1500F.

Mercedes-Benz Sprinter OM642 & OM651 BlueTec Diesel Issues ...

Mercedes-Benz USA and its parent automaker, Daimler AG, will pay more than \$2 billion to settle allegations of emissions cheating on diesel-powered vehicles, including sedans, SUVs and vans.

Mercedes-Benz Diesel Recall: What Owners Need to Know ...

Mercedes-Benz requires owners to use diesel with less than 5 per cent biodiesel, called B5. The problem is that many outlets throughout the U.S. offer diesel with up to 20 per cent biodiesel - B20.

Mercedes says goodbye to diesel in North America | Driving

Mercedes Benz has been accused of deliberately trying to hide the high emissions levels of its diesel-powered BlueTEC engines from consumers. According to a class action lawsuit filed against the company, Mercedes installed a software "defeat device" on its "clean diesel" models that was designed to turn off the vehicles' emissions control software in cooler temperatures, allowing ...

Mercedes Benz BlueTEC Diesel - Heygood, Orr & Pearson

Your 2011 Mercedes E350 BlueTec Diesel may also experiences problems with the illumination of the CHECK ENGINE light, which is caused by excessive build-up of motor oil on the spark plug electrode. It is simply an indicator of the oil consumption problem, or other problems such as emissions system, ignition system, or fuel injection system etc.

Problems of 2011 Mercedes E350 BlueTec Diesel Engine - carleg

The lawsuit alleges that the following Mercedes models powered by BlueTEC diesel-fueled engines are affected by the unlawful, unfair, deceptive and otherwise defective emission controls utilized by Mercedes. Affected vehicles include: Mercedes ML 320 Mercedes ML 350 Mercedes GL 320 Mercedes E250 Mercedes E320 Mercedes S350 Mercedes R320

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