

# About Mercedes Benz

Ah, the classic Mercedes-Benz E class. Mercedes diesel cars in Europe will have the latest generation of engines. It was voted as Best Business Car of the 2016 Telegraph Car Awards. The E 220d features a surprisingly spacious interior and a gorgeous interior that's easy on the eyes.

This partially autonomous vehicle is a true pleasure to drive. The car can even successfully steer its way around a pedestrian. If the driver happens to lose consciousness, the car will come to a halt and turn on the hazard lights. There is also a Park Pilot function on the car that allows you to pull the car into a parking space almost seamlessly. The power steering is amazingly responsive. Your turns are sure to be nice and tight with the E 220d.

Out of 26 winning manufacturers, Mercedes was selected for the 2015 JD Power Vehicle Dependability Survey. On a scale from one to ten, the fuel economy was rated as a five. This turns out to be quite an affordable E class Mercedes, but be prepared to pay for the service costs. Prepare to have plenty of headroom in the E class and enjoy more stow space below the armrest in the center front seat on this model.

You'll find that the headroom is less spacious on vehicles such as the Jaguar XF. Regarding safety, all of the crash tests were performed on the C class, proving it to be safe. No tests have yet to be conducted on the E class, but it does have seven airbags. It's not the sportiest of cars, owing its benefits more to efficiency than beauty. The E class truly stands up against competitors among its ranks.

There is a real treat in store for European Mercedes lovers. It's extremely smooth and easy to drive. The new 4 cylinder engine is going to be placed in both cars and vans. The UK emissions laws are to become more stringent in the near future in fall 2017. Prior to this engine design, the exhaust-gas recirculation was under the floorboard, now this is located right on the engine itself.

Mercedes-Benz Cars Development member Thomas Weber has stated that electric vehicles will eventually become widespread. However, until then, high-tech combustion vehicles will rule the market. He also expressed how important it is for Mercedes-Benz to maintain customer trust while protecting the environment as much as possible. The company has heavily invested in diesel technology with the costs of these improvements totaling 3 billion euros, £38,430 is the base price of the car. In addition to developing this tech for the future vehicle models, the company will also use the tech in current vehicles. Mercedes-Benz also plans to use more particulate filters on gasoline engines.

**The 4 cylinder diesel engine OM 654**

The first of its kind and a new type of completely aluminum 4 cylinder engine. The OM 654 2.0 L made its debut in the E class E220d model. The engine is more adaptable due to its compact dimensions. This engine consumes 13% less fuel and emissions from CO<sub>2</sub> and has a significantly greater engine output of 125-143 kw.

The engine has NANOSLIDE, which Mercedes-Benz has been using for several years. NANOSLIDE is a cylinder coating technology that greatly reduces friction on the engine. The coating is why there is no engine temperature management needed. The engine has been made 17% lighter with a reduced noise level and more comfortable vibration. The torque-carrying capability is 205 Nm/liter. The multi-way exhaust gas recirculation or EGR combines low and high pressure EGR lowering NO<sub>x</sub> across the engine. The EGR system is responsible for the excellent fuel economy of the engine

### **The 72 mpg E 220D Mercedes-Benz**

The German vehicle inspection company DEKRA investigated the efficiency of the vehicle. The test results found that the NO<sub>x</sub> emissions were extremely low. The limit is 80 mg/km but the vehicle only had between 13 and 21 mg/km regardless of temperature. This is the first Benz with the OM654 engine. The AdBlue system is included to clean exhaust. 80% of the NO<sub>x</sub> produced by the system is eliminated before it exits the vehicle through the tailpipe.

The engine of this vehicle is very quiet on a cold start. If you're looking for a smooth and quiet engine, you've found it, even though some reviewers of the car believe it could be quieter. You can get 883 miles between fill ups. There is a 66 liter tank and a 7 liter reserve tank. The E 220d has excellent air suspension and handling. The panoramic glass sunroof is simply stunning and reminiscent of classic Mercedes style.

Of course you're going to enjoy the basics, such as an electric driver's seat to help you get in the perfect position. You also get to benefit from the 8.4 inch color screen, USB outlet, bluetooth, and automatic emergency braking. Since the car was created by Mercedes, the interior quality is unmatched. The vehicle comes with a sat nav system by Garmin Pilot.

### **SCR technology - severe catalytic reduction**

Severe catalytic reduction technology has been known to be used in a number of lightweight and heavy duty machinery operations. With the SCR process, ammonia reacts with NO<sub>x</sub> and this is injected into the flue gas stream. The exhaust system has been modified and new exhaust materials have been applied

Mercedes-Benz has been known to be of the highest quality engines available for purchase. It is surprising that the infamous company would pour billions of dollars into the latest model of engine. The company foresees a future of electric cars, which is an interesting perspective, given that the company is highly invested in diesel engines. The good news is, Mercedes-Benz has learned to make their engines more and more efficient with improved gas mileage and emissions. The new engine has undergone inspections such as DEKRA and passed with flying colors.