

# CLASSIC DRIVER



## BRABUS tuning for the updated E-Class

06 June 2006 | Classic Driver



**For the new four-valve V8 engine of the face-lifted Mercedes E 500 model BRABUS has developed the BRABUS 6.1 displacement engine. It develops a maximum power output of 462 hp at 6,200 rpm and a peak torque of 615 Nm at 3,100 rpm.**

Equipped with this engine the Mercedes E 500 exhibits a much stronger performance. The sprint time to 100 km/h (62 mph) is shortened to 4.8 seconds, and in combination with the BRABUS V/max unit that eliminates the standard 250-km/h speed limit, top speed increases to 305 km/h. There's also an increase in displacement of the four-valve engine of the E 350 model to 4.0 litres thus improving power output to 332 hp and peak torque to 420 Nm.

BRABUS engine tuning is also available for all updated E-Class models with common-rail turbodiesel engines. The BRABUS PowerXtra D6 (III) tuning kit unleashes the true power inherent in the V6 common-rail turbodiesel engine of the E 320 CDI – without sacrificing built-in safety reserves. Power output jumps from standard 224 hp to 272 hp at just 3,800 rpm. Simultaneously peak torque grows from normally 540 Nm to 590 Nm. Performance is on a correspondingly high level: The tuned E 320 CDI sprints from 0 – 100 km/h in just 6.5 seconds. The new top speed is 250 km/h.



There's also the usual visual modifications available from BRABUS. The production front bumper can be upgraded with custom-tailored BRABUS headlight inserts with two fog lamps and two high beams. In addition the designers have developed a front spoiler that reduces lift on the front axle and thus further optimizes directional stability at high speeds.

In combination with the BRABUS sport exhaust the BRABUS rear apron, also available for sedan and wagon, finishes off the sporty yet elegant appearance.

The choice of BRABUS tyre/wheel combinations for the updated E-Class ranges from one-piece 8.5Jx17 Monoblock A wheels with general certificate to the high-tech version with 9Jx20 wheels on the front axle and 10.5Jx20 rims at the rear. This combination was custom-developed by the BRABUS suspension engineers for the new E-Class and is available with multi-piece BRABUS Monoblock V and VI wheels as well as with the new Monoblock S rims. As optimal tyres BRABUS selected high-performance tyres from Pirelli and Yokohama in sizes 245/30 ZR 20 (front) and 285/25 ZR 20 (rear).

Extensive tests were conducted to develop sporty yet comfortable suspension solutions for the updated W/S 211 series. For the four- and six-cylinder models with conventional springs the BRABUS tuning programme includes lowering springs or sport suspensions calibrated to the various vehicle weights.

For all air-sprung E-Class models BRABUS offers a suspension module that lowers the ride height of sedan and wagon by some 20 mm. BRABUS high-performance brake systems are available for the E-Class in three different versions.

Luxurious and customized interiors are yet another BRABUS specialty. The list of options includes stainless-steel door sills, ergonomically shaped safety steering wheels with air bag and even an exclusive BRABUS fully leather interior handcrafted from a combination of especially soft yet durable BRABUS Mastik leather and Alcantara.

The BRABUS design team has further developed special covers for the backs of the front seats that extend all the way up to the headrests. These consoles are designed to house seven-inch LCD-monitors with 16:9 ratio and an integrated DVD player.

**Story:** *Classic Driver*

**Photos:** *Brabus*

---

***ClassicInside - The Classic Driver Newsletter***

***[Free Subscription!](#)***

