

CLASSIC DRIVER

BRABUS Tuning for the New Mercedes CLS Coupe



When the new Mercedes CLS model series goes on sale BRABUS will already be able to offer an exclusive tuning program for the four-door coupe.



A BRABUS increased-displacement engine for the CLS 350 is currently under development. Three levels of performance tuning are available for the naturally aspirated V8 engine of the CLS 500:

The BRABUS B 11 engine tuning increases power output from standard 306 hp / 225 kW to 336 hp / 247 kW. In addition there are two 6.1-liter increased-displacement engines, the most powerful of which, the BRABUS 6.1 S, produces 445 hp / 327 kW at 6,000 rpm, with a peak torque of 635 Nm. With BRABUS K8 tuning power output of the CLS 55's 5.5-liter supercharged V8 engine jumps from standard 476 hp / 350 kW to 530 hp / 390 kW at 6,400 rpm. Peak torque grows to 775 Nm at just 3,000 rpm. After the BRABUS power infusion the CLS 55 sprints to 100 km/h in just 4.3 seconds and passes the 200-km/h mark after exactly 13.6 seconds on its way to an electronically limited top speed of 310 km/h.



The enormous potential power of the BRABUS high-performance engines can be transferred to the road surface with the help of the BRABUS self-locking differential with 40 percent slip. Fully stainless steel BRABUS sport exhaust systems with four tailpipes are available for all CLS engines. The precisely calibrated exhaust systems optimize power yield and produce a more powerful engine sound. The BRABUS designers developed sporty yet elegant aerodynamic-enhancement parts for the four-seater coupe which were optimized in the wind tunnel. All BRABUS body components for the CLS are manufactured from Pur-R-Rim in OEM quality.

The BRABUS front spoiler is attached to the production bumper and lends the CLS Coupe a more striking front – but that's not all: Its shape also reduces lift on the front axle. Its aerodynamic counterpart is the BRABUS rear spoiler lip which not only emphasizes the bow-shaped rear, but also further improves directional stability by minimizing aerodynamic lift in the rear.

The BRABUS headlamp inserts for the CLS front apron serve more than just a visual function: Two fog lamps and two auxiliary high beams provide improved roadway illumination.

Integrated entry lights are the most striking feature of the BRABUS side sills for the CLS. Pulling on a door handle or operating the keyless-entry remote activates five LED lights on either side of the car. The lights illuminate the ground next to the vehicle for safe entering and exiting in the dark.

The BRABUS rear apron provides a stunning backdrop for the four tailpipes of the BRABUS sport exhaust system, and its integrated diffuser contributes to the refined BRABUS aerodynamics concept for the CLS.



The BRABUS wheel program for the new Mercedes CLS series ranges in size from 8Jx17 to 10.5Jx20. The OEM-quality light-alloy wheels are available as one-piece and multi-piece rims in three different designs.

The most exclusive version features multi-piece BRABUS Monoblock VI wheels in size 9Jx20 in front and 10.5Jx20 on the rear axle. The largest possible tires are provided by BRABUS technology partner Pirelli in size 245/30 ZR 20 in front and in size 285/25 ZR 20 for the rear axle.

The various BRABUS suspension kits are available for all CLS models and are specifically calibrated for use with sporty low-profile tires. Sport springs calibrated to the production shocks can lower the ride height of the four-door by some 30 millimetres. Requests for an even sportier ride can be fulfilled with the BRABUS sport suspension that combines the ride-height lowering with firmer yet comfortable damper settings. For CLS models equipped with Airmatic air suspension BRABUS offers an electronic suspension module that lowers the ride height of the coupe by some 25 millimetres.

For reduced body roll in fast corners and even more precise turn-in BRABUS offers the installation of custom sport sway bars in the CLS Coupe.

The powerful and fade-resistant BRABUS high-performance brake systems are available in three different versions and harmonize perfectly with the SBC electronic brake technology of the four-door Mercedes.



Exclusive interior designs to satisfy any customer request are yet another BRABUS specialty. The product line-up for the Mercedes CLS ranges from attractive accessories to custom-tailored interiors handcrafted from especially soft and breathable yet highly durable BRABUS Mastik leather and Alcantara.

The ergonomically shaped BRABUS sport steering wheel is available in several versions with various leather/wood designs. It provides optimal grip and ensures a relaxed driving position on long-distance trips.

Sill plates with illuminated BRABUS logo can add individual highlights as can the markedly sporty BRABUS interior accessories: among them are aluminium components such as foot-pedal pads, door-lock pins and shift knob, or high-quality exposed carbon inserts for dashboard and centre console.

In addition BRABUS also offers a custom-tailored BRABUS multimedia concept for the CLS Coupe that includes a DVD changer, game console and LCD monitors integrated into back of the front headrests.

Text/Photos: Brabus

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