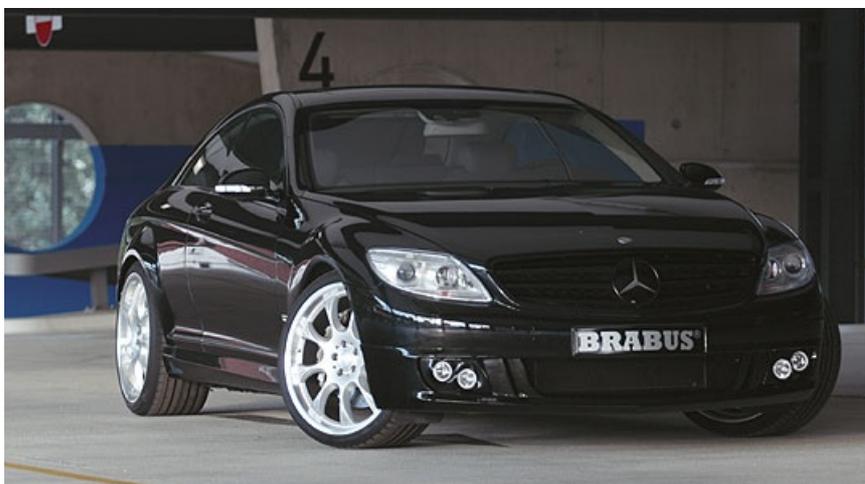


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## The BRABUS Tuning Programme for the new Mercedes CL Coupe

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**With engine tuning to produce up to 730 hp, 21" light-alloy wheels, enhanced aerodynamic parts, a redesigned interior and sports suspension, the BRABUS view of the latest CL is 'even better, even more luxurious'.**

The top performance level from BRABUS for the CL 600 is the BRABUS SV12 S Biturbo engine. To increase swept volume from standard 5.5 to 6.3 litres, the engine block is reworked and fitted with a special crankshaft with longer stroke and with larger, forged, pistons. The inlet and outlet ports of both cylinder heads are machined for optimal gas flow further aided by four special camshafts.

The BRABUS engine specialists further equip the motor with larger turbochargers, a more efficient intercooling system and a stainless-steel high-performance quad exhaust with low-back-pressure metal catalysts. Newly-programmed engine electronics ensure perfect interaction of all new

components, and contribute not only to maximizing power yield but also to meeting strict current emission limits.



The maximum power output of 730 hp / 537 kW at 5,100 rpm represents a superlative for the BRABUS SV12 S Biturbo engine as does the peak torque of 1,320 Nm at 2,100 rpm. In the vehicle peak torque is limited electronically to 1,100 Nm.

These extraordinary performance figures make the BRABUS SV12 S coupe not just one of the most powerful but also one of the fastest GTs in the world. 0 – 100 km/h in 4.0 seconds, 200 km/h after just 11.9 seconds and an electronically limited top speed of 340 km/h speak volumes. Power is transferred to the rear wheels via a modified five-speed automatic transmission. An optional BRABUS rear locking differential optimizes traction. All BRABUS powertrain components are operated with ARAL high-performance lubricants.

Engine tuning is also available for the CL 500 model. The options start with the B8 tuning kit for an increased power output of 419 hp / 308 kW and culminate in the BRABUS 6.1 displacement engine with 462 hp / 340 kW at 6,200 rpm and a peak torque of 615 Nm at 3,100 rpm.

To add more sporty emphasis to the elegant lines of the new C 216-series Mercedes coupe the BRABUS designers have developed an aerodynamic-enhancement kit, manufactured from high-quality PUR-R-RIM in OEM quality. The BRABUS front bumper was shaped in the wind tunnel. Its shape reduces lift on the front axle. The large central air dam optimizes cooling of engine and front brakes. Integrated fog lamps and high beams give the car a more charismatic appearance and improve active safety through better illumination of the roadway.



The bolt-on rear valence is designed to perfectly integrate the fully stainless-steel BRABUS quad sports exhaust into the rear appearance. The sport exhaust is also available without engine tuning. An understated rear spoiler rounds out the sophisticated BRABUS aerodynamics. concept.

The new CL can be fitted with BRABUS Monoblock light-alloy wheels in various widths and designs with 18", 19", 20" and 21" diameters. The largest tyre/wheel combination for the C 216 series are BRABUS Monoblock VI and E wheels in sizes 9J x 21" front and 10.5J x 21 on the rear axle. For optimal tyres BRABUS selected Pirellis and Yokohamas in sizes 255/30 ZR 21 in front and 285/30 ZR 21 in the rear. The BRABUS lowering module for the standard ABC suspension will lower the ride height of the two-door by some 25 mm.

The new Mercedes coupe can be fitted with a BRABUS high-performance brake system. The top-of-the-line version features 12-piston fixed aluminum calipers and 380 x 36 mm vented and cross-drilled discs on the front axle. The rear axle stops with 355 x 28 mm discs and six-piston fixed aluminum calipers.



The interior of the new Mercedes coupe offers numerous opportunities for exclusive BRABUS treatments. The list of products ranges from door sills with BRABUS logo to ergonomically shaped sport steering wheels to an exclusive BRABUS fully leather interior crafted from especially soft yet durable BRABUS Mastik leather and the finest Alcantara.

***Text:*** Classic Driver

***Photos:*** BRABUS

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