

## AMG – High-Performance Perfection

**Press Information**

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## SL 65 AMG *Black Series*, ML 63 AMG “10th Anniversary” and ML 63 AMG “Performance Studio”

**Laguna Seca – AMG presents three special high-performance vehicles: the SL 65 AMG *Black Series*, the ML 63 AMG “10th Anniversary” and the ML 63 AMG “Performance Studio”. With its 493-kW / 670-hp AMG 6.0-l V12 biturbo engine, spectacular look, consistently lightweight design and eminently exclusive character, the SL 65 AMG *Black Series* high-performance coupé introduces sports car fans to a whole new world in terms of dynamic performance.**

**The ML 63 AMG “10th Anniversary” is a tribute to the first-ever high-performance SUV, the ML 55 AMG, launched in 1999. With distinctive bodywork details and a delightful combination of fittings, this M-Class vehicle will appeal to customers who place a high value on individuality and exclusivity. The ML 63 AMG “Performance Studio”, with especially exquisite fittings, showcases the expertise of the AMG *PERFORMANCE STUDIO* opened in 2006.**

All three high-performance cars were developed in the AMG *PERFORMANCE STUDIO* – by the same experts who were also responsible for developing, designing and deploying the Official F1™ Safety Car and Official F1™ Medical Car. With the SL 65 AMG *Black Series*, it is apparent from the first glance that the transfer of high-tech from the realm of motor sports forms an integral part of the Mercedes AMG philosophy. Developing a maximum output of 493 kW/670 hp and maximum torque of 1,000 newton metres, this newly developed two-door car attains a superb level of dynamic performance: it can accelerate from 0 to 100 km/h in just 3.8 seconds, and its top speed is 320 km/h (electronically limited). Power transmission is taken care of by an AMG SPEEDSHIFT PLUS five-speed automatic gearbox, with four drive programmes and a double clutch function.

The completely new body design with large air inlets, wide mudguards and an extendable spoiler features a large number of components made from especially lightweight carbon-fibre-reinforced plastic (CFRP). The new closed roof with integrated roll bar is also made from CFRP. Compared with the SL 65 AMG, the SL 65 AMG *Black Series* is 250 kg lighter.

The chassis is a completely new design: the coil-over suspension with a large adjustment range and the more direct steering, together with the rear axle limited slip differential and 3-level ESP®, ensure distinctive driving dynamics, optimum traction and pure driving pleasure. The 19" or 20" Dunlop sports tyres guarantee the best possible racing track performance, and the AMG high-performance brake system features the very latest in compound technology. The all-black interior of the SL 65 AMG *Black Series* exudes a racing ambience: the interior components, which feature nappa leather, alcantara and carbon, should get sports car fans' hearts racing.

### **ML 63 AMG "10th Anniversary": birthday greetings from Affalterbach**

With this special model based on the ML 63 AMG, Mercedes AMG calls to mind the success of the first high-performance SUV, the ML 55 AMG. The top M-Class model, launched in 1999, was powered by an AMG 5.5-l V8 engine developing 255 kW / 347 hp, and is considered to be the founder of a new class of vehicles – high-performance SUVs. The ML 63 AMG "10th Anniversary" fascinates with its expressive design: a new engine bonnet with power domes, radiator grille and Himalaya grey underseal for the front and rear end, Himalaya Grey 21" high-sheen light alloy wheels, shaded Bi-Xenon headlights with active curve illumination – with its AMG 6.3 L V8 engine developing 375 kW / 510 hp, the AMG SUV makes a strong impression even when stationary.

The unusual composition of the interior is also intriguing: an exclusive tone is set not just by the two-tone nappa leather upholstery on the AMG sports seats and AMG sports steering wheel in black / Alpaca green or black / light brown, but also the upper part of the dashboard clad in black designo leather, the black roof lining and the charcoal poplar wood trim.

## **ML 63 AMG “Performance Studio”: maximum luxury**

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The expertise of the AMG *PERFORMANCE STUDIO* in catering to the wishes of individual customers at the Affalterbach plant is showcased in the ML 63 AMG “Performance Studio”. The 21” AMG high-sheen light alloy wheels, painted the same colour as the car, along with the high-gloss trim strip on the belt line form a contrasting effect with the “metallic Peridot brown” paintwork. Full nappa leather upholstery with a diamond pattern in a porcelain shade with black cording, together with the fully leather-clad dashboard, centre console and door trim in black and porcelain create an absolutely exclusive ambience. As a finishing touch, the ML 63 AMG “Performance Studio” interior features a charcoal alcantara roof lining and wood trim finished with high-gloss black piano lacquer.

### **Contacts:**

Wolfgang Zanker, Tel: +49 711 17 75847, E-mail: [wolfgang.zanker@daimler.com](mailto:wolfgang.zanker@daimler.com)

Pietro Zollino, Tel: +49 711 17 75855, E-mail: [pietro.zollino@daimler.com](mailto:pietro.zollino@daimler.com)

For more information on Mercedes-Benz, visit our website:

[www.media.daimler.com](http://www.media.daimler.com)

## Exclusive high-performance coupé for especially discerning customers

**A spectacular look, unique performance data, consistently lightweight design and the highest degree of exclusivity – these attributes sum up the new 65 AMG *Black Series* from Mercedes-Benz. The high-performance coupé features pure-bred motor sports technology, and introduces sports car fans to a whole new world in terms of dynamic performance. The AMG 6.0-l V12 biturbo engine, developing a maximum output of 493 kW/670 hp and maximum torque of 1,000 newton metres, guarantees the dynamic performance of a super sports car.**

**This high-performance two-seater was developed in the AMG *PERFORMANCE STUDIO* by the same experts who were responsible for designing the Official F1™ Safety Car and Official F1™ Medical Car. The SL 65 AMG *Black Series* is a continuation of the successful *Black Series* strategy from Mercedes-AMG, the high-performance brand from Mercedes-Benz Cars. As the new AMG top model, the SL 65 AMG *Black Series* outstrips the other AMG SL models: both the SL 63 AMG with its 386-kW / 525-hp AMG 6.3-l V8 engine and the SL 65 AMG, powered by an AMG 6.0-l V12 biturbo engine, developing 450 kW/612 hp.**

Wide, solid and low – that is the new Mercedes-Benz SL 65 AMG *Black Series*. The dynamic coupé inspires passion even when it is stationary. The distinctive wide mudguards, extendable spoiler and rear apron with diffuser fins are an unmistakable demonstration of the transfer from the motor sports world that has been part of the company philosophy at Mercedes AMG for over 40 years. In its appearance, the SL 65 AMG *Black Series* is reminiscent of the successful AMG racing cars, such as the DTM C-Class.

Large cooling air vents in the front apron and bonnet give a clear indication of the enormous power of the AMG biturbocharged twelve-cylinder engine. From 5,980 cc,

the AMG V12 develops a maximum output of 493 kW / 670 hp at 5,400 rpm, and an electronically limited torque of 1,000 newton metres at between 2,200 and 4,200 rpm. Without limits, the AMG 6.0-l V12 biturbo engine, handmade at the AMG engine plant in accordance with the traditional philosophy “one man – one engine”, would develop a maximum torque of 1,200 newton metres.

Compared with the basic power train of the SL 65 AMG, which develops 450 kW / 612 hp, the turbochargers on the twelve-cylinder engine of the SL 65 AMG *Black Series* have been redesigned. The spiral cross-section of the turbocharger, which is twelve percent larger, together with the optimised wastegate ducts enable a higher airflow rate and even more impressive power development in all speed ranges. The modified intake air duct produces an even more spontaneous vehicle response. Redesigned mufflers in the AMG sports exhaust system reduce exhaust back pressure and help boost performance. And there is an acoustic side effect: a typically evocative AMG harmony is created by the distinctive twelve-cylinder sound that escapes from the two trapezoidal exhaust pipe ends.

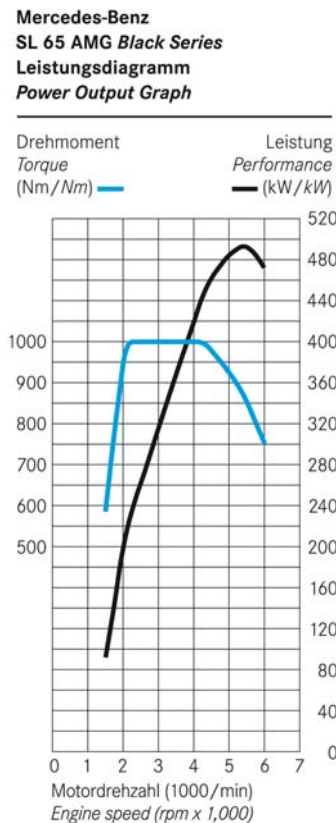
The low-temperature charge air coolers are about 30 percent more effective, enabling not only a maximum power output under highly dynamic driving conditions, but also the greatest possible stability in high external temperatures. This is also assisted by the optimised water cooling system with a repositioned radiator, high-performance aspirator and large vents in the bonnet.

### **Attractive power/weight ratio delivers superb performance**

The extraordinary engine specifications which make the SL 65 AMG *Black Series* the most powerful AMG model so far enable it to deliver superb performance values. It can reach a speed of 100 km/h from a standing start in just 3.8 seconds, and takes 11.0 seconds to reach 200 km/h. The top speed is 320 km/h (electronically limited).

		<b>SL 65 AMG <i>Black Series</i></b>
<b>Cylinder arrangement,</b>		V12
<b>no. of valves per cylinder</b>		3
<b>Engine displacement</b>	<b>cm<sup>3</sup></b>	5,980
<b>Bore x stroke</b>	<b>mm</b>	82.6 x 93.0
<b>Compression ratio</b>		9.0:1
<b>Output</b>	<b>kW/hp</b>	493/670
	<b>at 1 rpm</b>	5,400
<b>Max. torque</b>		1,000*
<b>Nm at 1/rpm</b>		2,200–4,200
<b>Acceleration 0–100 km/h</b>	<b>s</b>	3.8
	<b>0–200 km/h s</b>	11.0
<b>Top speed</b>	<b>km/h</b>	320*

\* Electronically limited



Also responsible for the high dynamic performance is the attractive power/weight ratio of just 2.79 kg/hp – a result of the comparably low curb weight of 1870 kg, which complies with the EU standard. This makes the SL 65 AMG *Black Series* 250 kg lighter than the SL 65 AMG – a significant weight reduction derived from specific lightweight design measures. A large number of bodywork components are made from high-strength and especially lightweight carbon-fibre-reinforced plastic (CFRP), a technology which has proved its value in motor sports. The front mudguards, which are 14 cm wider, the front apron with the visible carbon fibre front splitter, the bonnet and the boot lid are all made from CFRP. The “V12 biturbo” lettering on the front mudguards give an indication of the engine’s potency.

**New CFRP roof with integrated roll bar**

The roof cladding, made completely from CFRP, is presented in an all-new design. Not only does it feature an integrated roll bar, but by foregoing the Vario roof typical for SL-Class vehicles, the roofline has been made considerably flatter. This is obvious from the rear window, which is at a flatter angle to the boot lid. The CFRP spoiler incorporated in the boot lid automatically extends by 12 cm from a speed of 120 km/h, increasing the rear axle power take-off at 200 km/h by 50 kg. Viewed from behind, the rear apron with its visible carbon fibre diffuser insert is conspicuous: this incorporates the active cooling system for the rear axle limited slip differential. New, optimum-weight AMG forged wheels with a double spoke design – 19” at the front, 20” at the back – sit impressively in the wheel housings. With the black paintwork, the high-sheen surfaces and matt finish lend an opulent look to the side profile.

**Power transmission with four drive programmes and double clutch function**

In keeping with its outstanding potential and high dynamic performance, the power development and chassis of the SL 65 AMG *Black Series* are also presented at their best. Power is transmitted to the rear wheel via an AMG SPEEDSHIFT PLUS five-speed automatic gearbox. There are four drive programmes to choose from: “C”, “S” and “M1”, as well as “M2”, which has a 20-percent quicker response time than “M1”. Both manual programmes, “M1” and “M2”, allow the driver to benefit from the extreme tractive power of the V12 biturbo engine, since the gears will not automatically change down, even on full throttle; the AMG SPEED-SHIFT PLUS five-speed automatic gearbox stays reliably in the selected gear, even during kick-down shifts. In addition, a power train which is extremely direct in all driving conditions supports the torque converter bypass coupling from first gear onwards. The automatic double clutch function provides an extra thrill when changing down, as well as reducing the load alteration effects – which has an exceedingly positive effect, especially when braking to corner on the race circuit, and also improves driving safety in wet and icy conditions.

In keeping with this vehicle's tremendous power and torque, the power train features especially high-performance components: not only the various gearbox components, such as the clutch discs and switching and converter bypass logic, but also the drive shafts, wheel carriers and bearings, and also the spring links on the rear axle, are made to an extremely resilient design.

### **Completely new design for AMG coil-over sports suspension**

When it comes to the chassis, the AMG experts have put their faith in a new design. The AMG sports chassis has been designed with coil-over suspension – this solution, which has been proven in the realm of motor sports, makes it possible to adjust the pressure and flow rates of the shock absorbers and vehicle level, as well as the track and camber. Drivers can configure their own personal suspension setup, especially for use on the race circuit. Both axles feature newly developed spring links and thrust, camber and tension rods, as well as optimum weight aluminium wheel carriers. Compared with the series production SL 65 AMG, the *Black Series* has 115 mm more track width on the front axle, and 103 mm more on the rear axle. The new front axle kinematics creates a steering ratio which is eight percent more direct, and the completely revised elasto-kinematics ensures greater steering precision. The result: light-footed, predictable handling.

### **3-stage ESP® provides distinctive driving dynamics**

3-stage ESP® with sports function is synonymous with the greatest possible driving pleasure and distinctive driving dynamics: the driver can use the ESP® button on the centre console to switch between “ESP ON”, “ESP SPORT” and “ESP OFF” – the selected mode is displayed on the central screen of the AMG instrument panel. In “ESP ON” mode, in the advent of unstable driving conditions, brakes are automatically applied to one or more wheels, and the engine torque is reduced.

Briefly pressing the ESP® button activates the “ESP SPORT” function. In this mode, automatic oversteer and understeer control as well as the accompanying engine torque adjustment allow for more dynamic driving conditions, more or less corresponding to the drift angle – which clearly means a lot more driving enjoyment

for SL 65 AMG *Black Series* drivers. Depressing the brake pedal fully reactivates ESP®.

Holding down the ESP® button activates the “ESP OFF” function. This means there are no more automatic adjustments to the driving dynamics, and in general the engine torque will no longer be reduced – for even more driving excitement. “ESP OFF” should be used only by experienced drivers on closed-off race circuits. Even in this mode, it is still possible to reactivate all of the ESP® functions by depressing the brake pedal. Traction logic is active in all three ESP® modes. If a drive wheel starts to spin, specific automatic brake control is used to improve traction. Working together with the multiple-disc limited-slip differential, which has over 40 percent of its barrier effect in deceleration, this ensures that the enormous power of the engine is transferred to the road surface with minimum loss.

### **Sports tyres and compound disc brakes for top performance**

The selected wheel/tyre combination is responsible for ensuring the best possible performance of the SL 65 AMG *Black Series* on the race circuit: on the front axle, 265/35 R 19 tyres are fitted onto 9.5” AMG light alloy wheels. On the rear axle, the impressive format is AMG 11.5 x 20 light alloy wheels with 325/30 R 20 tyres. The Sport Maxx GT tyres are supplied by DTM Motor Sports partner Dunlop; they provide especially good grip and amazing cornering speeds. Peering through the filigree double spokes on the AMG light alloy wheels will reveal the generously dimensioned AMG high-performance brake system. Vented, perforated disc brakes featuring especially high-performance compound technology are fitted all round. On the front axle, the deceleration load is borne by 6-piston fixed callipers and 390 x 36 mm brake discs, with 4-piston fixed callipers and 360 x 26 mm discs on the rear axle.

Brief summary of the brake specifications:

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	<b>SL 65 AMG <i>Black Series</i></b>
<b>Front axle:</b>	
<b>Brake calliper</b>	6-piston aluminium fixed calliper
<b>Brake disc</b>	Compound technology, internal vents, perforated
<b>Diameter</b>	390 mm
<b>Thickness</b>	36 mm
<b>Rear axle:</b>	
<b>Brake calliper</b>	4-piston fixed calliper
<b>Brake disc</b>	Compound technology, internal vents, perforated
<b>Diameter</b>	360 mm
<b>Thickness</b>	26 mm

### **Functional yet charming interior design**

Nappa leather, alcantara and carbon – the interior of the SL 65 AMG *Black Series* creates the perfect ambience to get sports car enthusiasts' hearts racing. The all-black interior exudes the functional atmosphere of a genuine racing car, while at the same time captivating with its charming details.

Newly developed AMG bucket seats in CFRP (ECE version only) provide occupants with perfect lateral support when cornering at speed. The seats without side airbags are covered with fine, black nappa leather and charcoal alcantara, and feature the distinctive AMG logo on the headrests. Fifteen mm smaller in diameter and with a perforated lateral grip area, the AMG high-performance steering wheel, with its flattened underside, provides optimum vehicle control. Silver-coloured aluminium switch paddles enable manual gear changing.

More highlights featured on the centre console are the premium quality carbon body trim, the matt-lustrous start/stop button, the new AMG gear stick with carbon insert and the AMG logo with the words "*Black Series*" on the ashtray. To match

these, there are carbon centre panels on the door with the AMG logo, and the roof lining and A and C columns are in charcoal alcantara. The AMG instrument panel has a completely new design: the black speedometer indicates up to 360 km/h and has been completely redesigned, as has the white rev counter with its four integrated LEDs, which indicate to the driver the optimum moment to change gear. When the ignition is switched on, the speedometer and rev counter needles move in synch to the end of their ranges then return simultaneously to their resting positions, giving the driver a clear signal to start the engine.

The AMG main menu displays more than just the selected drive programme. The driver can also view the selected ESP<sup>®</sup> mode, the engine oil temperature and the battery voltage. The integrated “RACETIMER” stores information on the race circuit lap times.

Further standard equipment for the SL 65 AMG *Black Series* includes the COMAND APS. The new multimedia device with a 6.5”-colour screen combines a car radio with double tuner, telephone, CD-/DVD changer, Bluetooth interface, drive for SD memory cards and a Europe-wide navigation system. The 40-GB hard drive ensures extra fast route calculation. An iPod, USB stick or other external audio devices can be plugged into into the COMAND system via the media interface.

### **Complex development process in all of the Earth’s climate zones**

The complex development and testing process for the SL 65 AMG *Black Series* began in 2006. The AMG engineers and technicians test-drove ten prototypes and development vehicles in all of the Earth’s climate zones. Whether this involved fast laps of the Nürburgring racetrack, high-speed test drives in Nardo, Italy, wind tunnel tests, extensive test drives in the summer heat and arctic cold or real-life crash tests – the new AMG high-performance Coupé had to prove that it was up to series production standard in every regard. In total, the SL 65 AMG *Black Series* notched up around 30,000 test kilometres on various circuits – 15,000 km of which were on the northern loop of the Nürburgring racetrack, acknowledged as the most difficult race circuit in the world.

Just like the SLK 55 AMG *Black Series* and the CLK 63 AMG *Black Series*, the SL 65 AMG *Black Series* was developed in the AMG *PERFORMANCE STUDIO*, opened in 2006. The sale price is 327,250 euros (incl. 19% VAT), and the first models will be delivered to customers in November 2008. For more information on the SL 65 AMG *Black Series*, visit the Mercedes AMG Website: [www.mercedes-amg.com](http://www.mercedes-amg.com)

### **SL 63 AMG: high-performance roadster with AMG MCT sports transmission**

Besides the SL 65 AMG *Black Series*, there are two more SL models from AMG to choose from: the SL 63 AMG and the SL 65 AMG. Both high-performance roadsters, launched in March 2008, offer extraordinary driving dynamics, a stand-alone design and exclusive fittings. The SL 63 AMG stands for passionate performance rendered by a technological tour de force: powered by an AMG 6.3-l V8 engine, developing 386 kW / 525 hp and 630 newton metres, it is currently the highest performing model with a naturally aspirated V8 engine in its class.

The innovative AMG SPEEDSHIFT MCT 7-speed sports transmission is completely new, and exclusive to the SL 63 AMG. Instead of the traditional torque converter, the newly developed power transmission system uses a compact, wet starting clutch. The resulting direct connection with the drive train, combined with the double clutch and RACE START functions, provide for an exciting and highly dynamic driving experience. With this extraordinary power train combination and with the new, fine-tuned, more agile AMG sports suspension on an Active Body Control basis, the SL 63 AMG is setting new standards in the open sports car segment.

The SL 63 AMG accelerates from 0 to 100 km/h in 4.6 seconds, and has a top speed of 250 km/h (electronically limited). With a displacement of 6,208 cc, the high-torque induction engine develops 386 kW / 525 hp at 6,800 rpm, and has a maximum torque of 630 newton metres at 5,200 rpm. The combination of the high-torque design and large engine displacement brings together the best of both worlds: high tractive power at low speeds and exciting high speeds of up to 7,200 rpm.

## **SL 65 AMG with the superior AMG V12 biturbo engine**

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The SL 65 AMG is top of the range in the exclusive twelve-cylinder roadster segment. Its AMG 6.0-l V12 biturbo engine develops 450 kW/612 hp and a maximum torque of 1000 newton metres – a performance which is unrivalled, even four years after its launch on the market. Impressive proof of the AMG twelve-cylinder engine's extraordinary power is given by its accelerating power, reaching 100 km/h from standstill in 4.2 seconds; its top speed is 250 km/h (electronically limited).

These exclusive drive train dynamics are made possible by the V12 power train with 5,980 cc developed by Mercedes AMG: its maximum output of 450 kW/612 hp is always achievable between 4,800 and 5,100 rpm, while the electronically limited maximum torque of 1,000 Newton metres can be reached between 2,000 and 4,000 rpm. The AMG V12 biturbo engine develops a torque of 570 newton metres at the crankshaft at just 1,000 rpm, and 1,500 rpm takes it to 750 newton metres. As with the SL 63 AMG, the AMG sports suspension on an Active Body Control basis in the SL 65 AMG has been even further refined.

## Exclusive high-performance SUV with particularly appealing fittings

**The successful ML 63 AMG will shortly be launched as the especially exclusive “10th Anniversary” variant. The 375-kW/510-hp top M-Class model fascinates with its striking appearance and extraordinary standard features. With the ML 63 AMG “10th Anniversary”, Mercedes AMG is celebrating ten years of high-performance SUVs. The ML 55 AMG with a 255-kW/347-hp AMG 5.5-l V8 engine, launched in 1999, is considered the trendsetter and founder of an entire vehicle segment.**

**The ML 63 AMG “10th Anniversary” jubilee model was developed in the AMG *PERFORMANCE STUDIO* and showcases AMG’s expertise in catering to the wishes of individual customers. The experts at the AMG *PERFORMANCE STUDIO* were also responsible for developing the new SL 65 AMG *Black Series*, as well as Official F1™ Safety Car and Official F1™ Medical Car.**

The newly designed front end dominates the extraordinary appearance of the ML 63 AMG “10th Anniversary”: the bonnet with power domes catches the eye, as does the radiator grille with fins painted Himalaya grey. A matching Himalaya grey underseal and fog lamp fittings form a delightful contrast to the exterior paintwork in metallic obsidian black, metallic iridium silver and calcite white. Shaded Bi-Xenon headlights add the finishing touch to the front view.

Viewed from the side, the exclusive 21” AMG light alloy wheels with a five-spoke design commands attention: the combination of Himalaya grey paintwork and the high-sheen surface creates a lasting impression. The 10 x 21” AMG light alloy wheels are fitted all round with size 295/35 R 21 wide-base tyres. On the rear end of the ML 63 AMG “10th Anniversary”, the underseal in Himalaya grey mirrors the design of the front end.

**Exquisite two-tone nappa leather upholstery in the interior**

The AMG sports seats can be adjusted electronically, and feature a multi-contour function and seat heating. A new feature is the exquisite two-tone nappa leather upholstery available in two different colour combinations: black/alpaca grey and black/beige. The AMG sports steering wheel is also two-tone, designed to match the interior colour scheme. Perforated leather covering the grip area ensures optimum handling, and the AMG switch paddles enable manual gear changing. The exclusive tone is emphasised not just by the upper part of the dashboard clad in designo leather and the black roof lining, but also the charcoal poplar wood trim.

The ML 63 AMG “10th Anniversary” will be available to order in spring 2009; the first vehicles will be delivered to customers in summer 2009.

**ML 55 AMG: Worldwide trendsetter and first ever high-performance SUV**

With the new ML 63 AMG “10th Anniversary”, Mercedes AMG GmbH is celebrating ten years of AMG high-performance SUVs. The ML 55 AMG, the high-performing top model from the popular first generation of M-Class vehicles, was launched in September 1999 at the International Motor Show in Frankfurt on Main. As the founder of the new “high-performance SUV” segment, the ML 55 AMG quickly became a best seller in the AMG range of models. With a maximum output of 255 kW/347 hp, an engine displacement of 5.5 litres and eight cylinders, the ML 55 AMG offered a level of driving performance previously unthinkable in this segment: it could accelerate from 0 to 100 km/h in just 6.8 seconds, and had a top speed of 235 km/h. The extraordinary combination of its superior drive train, greater off-road suitability, outstanding driver comfort, unrivalled safety and generous interior delighted AMG customers all over the world. Over 11,000 ML 55 AMGs were sold between 1999 and 2003.

## Maximum luxury fittings

**With the ML 63 AMG “Performance Studio”, the AMG *PERFORMANCE STUDIO*, opened in 2006, showcases its expertise in helping realise the dreams of individual motorists, offering exclusivity at the Affalterbach location. The very special M-Class features a combination of uniquely detailed fittings typical of the vehicles designed in the AMG *PERFORMANCE STUDIO*.**

Matching its “metallic Peridot brown” exterior paintwork, the ML 63 AMG “Performance Studio” features 21” high-sheen AMG light alloy wheels with a double spoke design, painted the same colour as the car. Wide-base 295/35 R 21 tyres ensure the necessary road surface contact. The high-gloss chrome trim on the upper body edges at window level is another eye-catching detail.

The extraordinary character of this unique M-Class vehicle is just as evident in the interior. The full nappa leather upholstery with a “porcelain” coloured diamond design creates an ambience of luxury. It covers the AMG sports seats, the rear seats and the door linings. The AMG emblem embossed on the front headrests points to the vehicle’s exclusive origin, manufactured in the AMG *PERFORMANCE STUDIO* in Affalterbach. The lower part of the dashboard, the front and back centre consoles and the backs of the front seats are all clad in glossy, porcelain-coloured nappa leather. A clear contrast is formed by the black cording, as well as the upper part of the dashboard and the door linings clad in black nappa leather. The entire roof lining, including the grab handles, sun visors and rear window frame, is lined with charcoal alcantara. The AMG sports steering wheel is black with porcelain-coloured cording.

Access strips with white luminous AMG lettering, AMG wood trim in high-gloss black piano lacquer and black AMG floor mats with porcelain-coloured nappa leather edging add further highlights to the exquisitely designed interior of the ML 63 AMG “Performance Studio”.

Both the ML 63 AMG “Performance Studio” and the ML 63 AMG “10th Anniversary” demonstrate the wide range of possibilities which the AMG *PERFORMANCE STUDIO* draws from to fulfil the most individual wishes of its customers. Customised modifications, e.g. to AMG sports suspensions, AMG high-performance brake systems, AMG wheel/tyre combinations, locking differentials, or individual interior fittings are carried out by the highly qualified experts at Affalterbach, who also manufacture special one-off vehicles. In the design and construction, they draw on decades of experience in making high-performance cars, as well as comprehensive expertise from the world of motor sports. And they set themselves the highest standards of quality and safety.

## A masterfully honed, high-performance SUV

**Since its latest facelift, the ML 63 AMG, a high-performance top M-Class model, is even more striking and distinctive: the Mercedes-Benz ML 63 AMG further reinforces its unique status as the highest cc high-performance SUV.**

The new AMG front apron with its high-gloss chrome underseal is a real eyecatcher. Thanks to the black central grille, the cooling-air intake appears even larger than it is. Newly designed headlights flank the new radiator grille, which is also unique to AMG models: painted high-gloss black, its three radiator fins are chrome plated. Round, widely set chrome-edged fog lamps and wheel arch extensions painted the same colour as the car give this top M-Class model an even wider and more powerful appearance.

Even more unmistakable, even more powerful: this philosophy is further embodied in the rear end. The high-gloss chrome plated underside cover on the AMG rear valance with integrated reflectors – also a new design – is a real highlight. The two chrome plated exhaust-pipe ends in the AMG sports exhaust system are an additional visual attraction. The shaded taillights, along with the optional Bi-Xenon headlights, have been replaced with rear lights featuring clear-lens design and LED technology. Newly designed exterior mirrors and the series production aluminium roof rails lend a finishing touch to the stylistic alterations.

Viewed from the side, the 20" AMG light alloy wheels are distinctive. High-sheen and painted titanium grey, the 10" rims are fitted with 295/40 R 20 tyres. As an optional extra, an even more impressive wheel/tyre combination is available: titanium grey high-sheen 21" AMG light alloy wheels with a double-spoke design, fitted with 295/35 R 21 tyres.

### **Premium quality interior with the new AMG sports steering wheel**

Taking a look at the premium-quality yet functional ML 63 AMG interior, the new AMG sports steering wheel is distinctive; the especially moulded grip area is covered with perforated leather, and both lower steering wheel spokes feature a silver insert. New AMG aluminium switching paddles enable manual gear changing. The ML 63 AMG standard equipment includes electric adjustable AMG sports seats with nappa leather upholstery, alcantara inserts in the shoulder zone, a multi-contour function and seat heating. The dashboard can also be clad in nappa leather on request. In truly dynamic style, the AMG instrument panel has original lettering, red dial needles and a speedometer that indicates up to 320 km/h. The integrated main menu, unique to AMG, permanently displays the currently selected gear and indicates when to change up, and, additionally, the display of the engine oil temperature, the battery voltage or the RACETIMER can also be selected.

The series production Audio 20 radio in the ML 63 AMG combines user-friendly operation and logical menu navigation with perfect entertainment. A hands-free car kit with Bluetooth is included as standard, and a new media interface with which to connect mobile audio devices, such as an iPod, to the audio system can be fitted in the glove box on request. With COMAND APS, also available on request, Mercedes customers can enjoy even more high-tech electronic equipment ex works. The device also includes a Europe-wide navigation system with data saved on a 40-GB hard drive, enabling extra fast route calculation. A music register with 4-GB memory is also included, as well as LINGUATRONIC voice control, which is known for its outstanding reliability.

### **AMG 6.3-l V8 engine and asymmetrical 4-wheel drive**

Developing a maximum output of 375 kW/510 hp at 6,800 rpm, the ML 63 AMG is still one of the highest performing SUVs on the market, even two-and-a-half years after its market launch. With a 6,208-cc cubic capacity, the AMG 6.3-l V8 engine reaches a maximum torque of 630 newton metres at 5,200 rpm. The result: this superior engine delivers superb road performance. The ML 63 AMG accelerates from 0 to 100 km/h in 5.0 seconds, and has a top speed of 250 km/h

(electronically limited). Power transmission is provided by the AMG SPEEDSHIFT 7G-TRONIC automatic gearbox with three drive programmes.

Brief summary of the most important facts and figures:

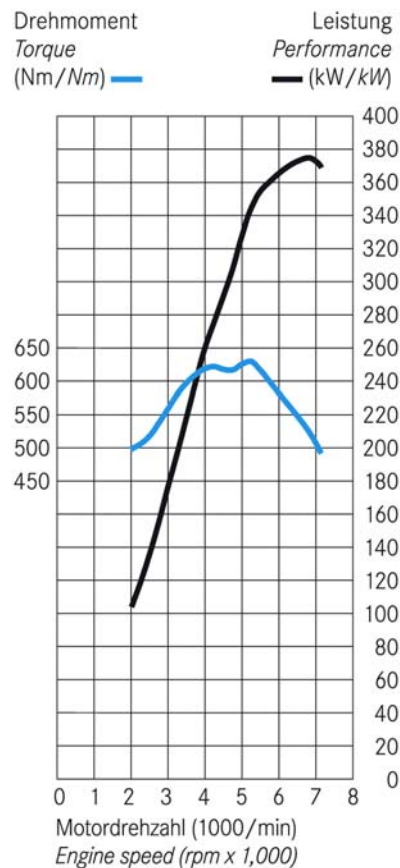
		ML 63 AMG
<b>Cylinder arrangement,</b>		V8
<b>no. of valves per cylinder</b>		3
<b>Engine displacement</b>	<b>cm<sup>3</sup></b>	6,208
<b>Bore x stroke</b>	<b>mm</b>	102.2 x 94.6
<b>Compression ratio</b>		11.3:1
<b>Output</b>	<b>kW/hp</b>	375/510
	<b>at 1 rpm</b>	6,800
<b>Max. torque</b>		630
<b>Nm at 1/rpm</b>		5,200
<b>Acceleration 0–100 km/h</b>	<b>s</b>	5.0
<b>Top speed</b>	<b>km/h</b>	250*

\* Electronically limited

The permanent 4-wheel drive design is particularly sporty: for optimum agility, the power is distributed asymmetrically between the front and rear axle at a 40/60 percent ratio. The AMG sports suspension based on the AIRMATIC pack offers a high level of dynamic performance, at the same time as the long-distance comfort typical of Mercedes. The pneumatic suspension has unique AMG suspension struts as well as the specially calibrated adaptive damping system (ADS), including automatic all-round level control. Shock absorption and suspension are automatically adapted to the current driving situation with lightning speed – however, drivers can also switch manually between three levels at the touch of a button. The generously dimensioned AMG high-performance brake system containing fully vented and perforated brake discs allows for short braking distances and a high level of stability.

The sale price for the ML 63 AMG is 101,804.50 euros (incl. 19% VAT).

**Mercedes-Benz ML 63 AMG**  
**Leistungsdiagramm**  
**Power Output Graph**



## Mercedes-Benz SL 65 AMG Black Series

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### Engine

No. of cylinders/arrangement		12/V, 3 valves per cylinder
Engine displacement	cm <sup>3</sup>	5,980
Bore x stroke	mm	82.6 x 93.0
Nominal output	kW/hp	493/670 at 5,400 rpm
Nominal torque	Nm	1000** at 2,200–4,200 rpm
Compression ratio		9.0:1
Mixture formation		Microprocessor-controlled petrol injection, biturbo charged

### Power transmission

Drive train		Standard drive train
Gearbox		AMG SPEEDSHIFT PLUS 5-speed automatic
Transmission ratios	Final drive	2.65
	1st gear	3.60
	2nd gear	2.19
	3rd gear	1.41
	4th gear	1.00
	5th gear	0.83
	Reverse.	-3.16/-1.93

### Chassis

Front axle		4-link front suspension, adjustable coil-over suspension
Rear axle		Multi-link independent suspension, adjustable coil-over suspension
Brake system		Compound brake discs front and rear, internally vented and perforated, parking brake pedal, ABS, brake assist, ESP <sup>®</sup>
Steering		Rack and pinion power steering with parameter function, steering wheel shock absorber
Rims		Front: 9.5 J x 19; rear: 11.5 J x 20
Tyres		Front: 265/35 ZR 19; rear: 325/30 ZR 20

### Dimensions and weights

Wheelbase	mm	2,560
Track width, front/rear	mm	1,684/1,658
Total length	mm	4,589
Total width	mm	1,960
Total height	mm	1,310
Lock	m	13.55
Boot capacity*	l	210
Weight, ready to drive, in accordance with EC	kg	1,870
Payload (based on the following in accordance with DIN)	kg	305
Admissible total weight	kg	2,100
Tank capacity/reserve	l	80/14.0

### Performance and fuel consumption

Acceleration 0–100 km/h	s	3.8
Top speed	km/h	320**
Total NEDC fuel consumption	l/100 km	14.4

\* In accordance with the VDA measuring method; \*\* Electronically limited

## Mercedes-Benz ML 63 AMG

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### Engine

No. of cylinders/arrangement		8/V, 4 valves per cylinder
Engine displacement	cm <sup>3</sup>	6,208
Bore x stroke	mm	102.2 x 94.6
Nominal output	kW/hp	375/510 at 6,800 rpm
Nominal torque	Nm	630 at 5,200 rpm
Compression ratio		11.3:1
Mixture formation		Microprocessor-controlled petrol injection, HFM

### Power transmission

Drive train		Permanent 4-wheel drive, moment distribution 40:60 (front/rear)
Gearbox		AMG SPEEDSHIFT 7G-TRONIC
Transmissions	Final drive	3.45
	1st gear	4.38
	2nd gear	2.86
	3rd gear	1.92
	4th gear	1.37
	5th gear	1.00
	6th gear	0.82
	7th gear	0.73
	Reverse	-3.42/-2.23

### Chassis

Front axle		Double transverse link axle, brake torque support, fully supporting air suspension system with AIRMATIC level control, adaptive damping system (ADS), anti-roll bar stabiliser
Rear axle		4-link axle, start-off and brake torque support, fully supporting air suspension system with AIRMATIC level control, adaptive damping system (ADS), anti-roll bar stabiliser
Brake system		Hydraulic dual circuit brakes with low pressure amplifier and brake assist, graduated master brake cylinder, disc brakes internally vented and perforated all round, parking brake pedal, ABS, ESP <sup>®</sup> , 4ETS
Steering		Rack and pinion parameter steering, steering wheel shock absorber
Rims		10 J x 20
Tyres		295/40 R 20

### Dimensions and weights

Wheelbase	mm	2,915
Track width, front/rear	mm	1,635/1,639
Total length	mm	4,820
Total width	mm	1,951
Total height	mm	1,863
Lock	m	11.6
Boot capacity*	l	551-2,050
Weight, ready to drive in accordance with EC	kg	2,310
Payload	kg	570
Admissible total weight	kg	2,880
Tank capacity/reserve	l	95/15

### Road performance and fuel consumption

Acceleration 0-100 km/h	s	5.0
Top speed	km/h	250**
Total NEDC fuel consumption	l/100 km	16.5

\* In accordance with the VDA measuring method; \*\* Electronically limited