



Mercedes-Benz CLK 63 AMG Black Series



Mercedes-Benz went on the attack in the performance car stakes in the naughties against BMW and Audi. And at the very least they managed to diminish some of the allure held by the M's and RS's. If the standard AMG 55's and 63's weren't enough they introduced the Black Series with the SLK 55 Black. Next came the CLK 63 Black, an even more performance focused road racer.

Mercedes used their Official F1 Safety Car, a circuit optimized lightweight version of the original CLK 63 as inspiration for CLK 63 AMG Black Series. Power for the Hot Rod was increased by 19 kW/26 hp to 373 kW/507 hp with 630 nM of torque on tap. The increase in power was achieved by larger-intake ducts and a new exhaust system with full length twin pipes. Wheels, steering and brakes all got a make over too, especially the brakes with the Black receiving large composite disks.

Handling also sees significant change with adjustable threaded suspension. The driver can create their own personal suspension setup: not only the level, but also the compression and rebound stages of the shock absorbers, front-axle track and camber, and rear-axle track are adjustable. Both axles have newly developed spring links, wheel carriers, thrust arms, camber and torque struts, as well as completely reworked elasto-kinematics. The Black Series has over 75 mm more track at the front axle and 66 mm more at the rear than the standard AMG. Added stiffness under high lateral dynamics is provided by strut braces in the engine compartment and trunk. On the rear axle, a multi-plate locking differential ensures optimum traction, with 30 percent locking effect in the overrun and 10 percent under traction.

Visually the dedicated two-seater got a new front apron with large cooling intakes, flared wheel arches, diffuser-type rear apron and

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- 6208 cc 378.8 cu in
- 378 KW 507 bhp
- 630 Nm 465 ft lbs
- 82 bhp / litre
- 0.29 bhp / kg
- 0-60 mph 4.2 s

carbon-fiber airflow breakaway edge. The interior sees the removal of the rear seats and the addition of lightweight buckets in front. Carbon trim abounds.

The CLK 63 AMG Black Series sees a reduction of 0.3 seconds from zero to 100 km/h over the standard AMG, now at 4.3 seconds. The top speed (electronically limited) is 300 km/h.

Rod Halligan



2007

Mercedes Benz

CLK 63 AMG Black



Mercedes Benz CLK 63 AMG

Year 2007
Introduced at 2007 New York Auto Show
Built by AMG

ENGINE

Configuration 90 Degree AMG V8 M159
Layout Front Longitudinal
Induction Naturally aspirated
Valvetrain 4 valves / cylinder, DOHC
Displacement 6208 cc 378.8 cu in
Bore 102.2 mm 4 in
Stroke 94.6 mm 3.7 in
Compression 11.3:1
Power 378 KW 507 bhp @ 6800 rpm
Torque 630 Nm 465 ft lbs @ 5200 rpm
BHP/Liter 82 bhp / liter
Power to weight 0.29 bhp / kg

BODY

Unitary steel
Weight 1760 kg 3880 lbs
Length 4657 mm 183.3 in
Width 1833 mm 72.2 in
Height 1365 mm 53.7 in
Wheelbase 2715 mm 106.9 in
Front track 1568 mm 61.7 in
Rear track 1540 mm 60.6 in

DRIVE

Rear Wheel Drive

Transmission 7-Speedshift 7G-Tronic

SUSPENSION

Front McPherson struts, coil springs, gas-filled shock absorbers, anti-roll bar
Rear multi-link, coil springs, gas-filled shock absorbers, anti-roll bar

PERFORMANCE

Top Speed 300 km/h
0-60 mph 4.2 s

German

Exotic