

Engine 1 13 - Engine data

		SLK 55 AMG
Engine model designation		113.989
Engine designation		M 113
Engine configuration/no. of cylinders		V8
Displacement	cm ³	5 439
Bore	mm	97.0
Stroke	mm	92.0
Cylinder angle		90°
Acceleration 0 to 100 km/h	secs.	4.9 ^{1,3}
Maximum speed	km/h	250 ^{1,2}

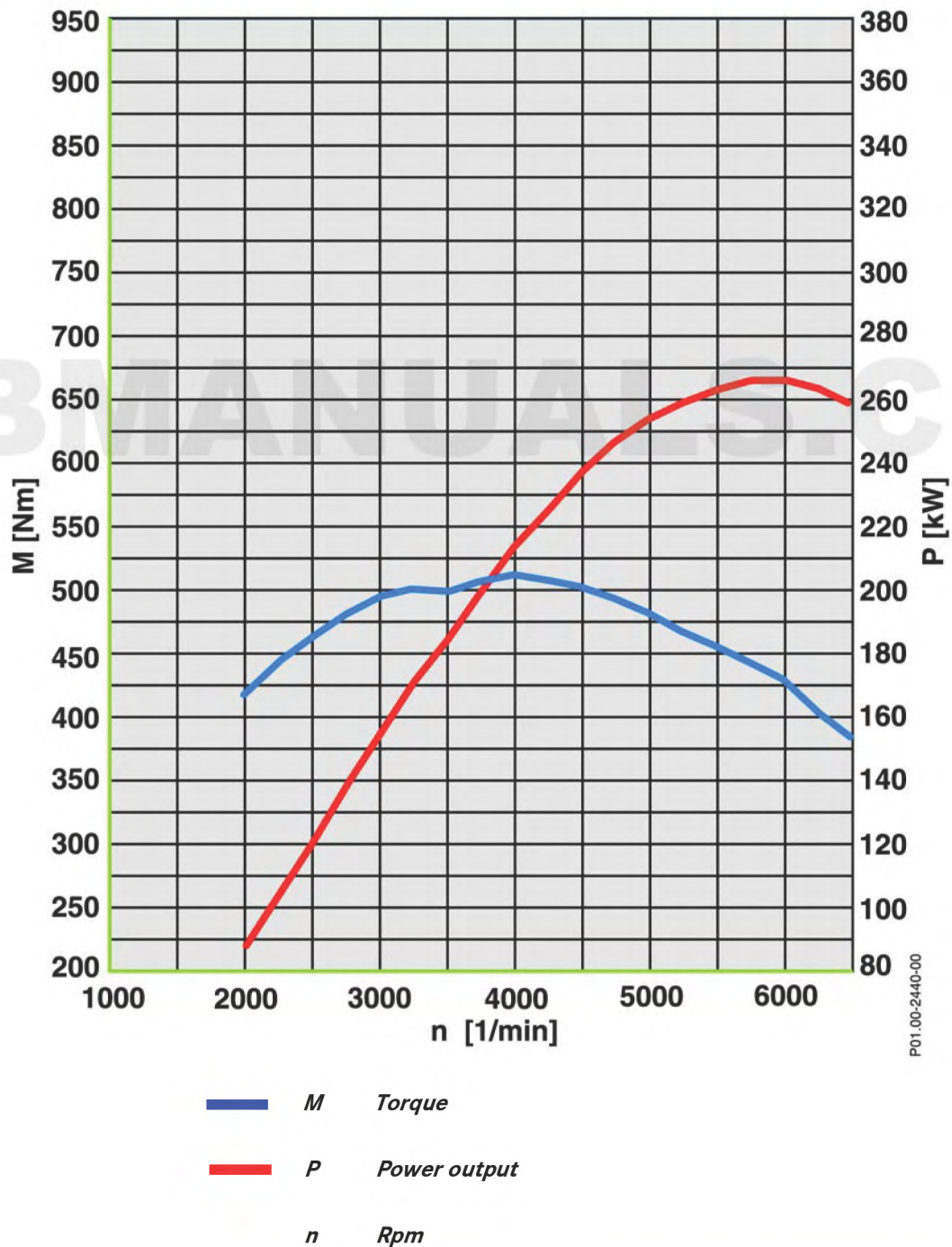
¹ With automatic transmission

² Electronically governed

³ Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load.

Engine 113 - Engine data

M 113		
Rated output	kW at rpm	265 5 750
Rated torque	Nm at rpm	510 4 000
Compression ratio	ε	11.0



Engine 113 - Technical highlights

SLK 55 AMG

The SLK 55 AMG offered by Mercedes-AMG is the only vehicle in this class available with an 8-cylinder engine. The AMG 5.5 l naturally aspirated engine in the new SLK develops 265 kW and 510 Nm together with the AMG sports exhaust (which is perfectly tuned for the 8-cylinder engine).

The engine's technical characteristics are:

- Two-stage variable-length intake manifold
- Near-engine mounted catalytic converter for lower emissions
- Specially tuned engine oil cooler in the right wheelhouse
- Redesigned engine cover
- Engine control module installed in the vehicle (in an AMG-specific module box)
- Lower fuel consumption due to optimized combustion, reduced friction and consistent lightweight construction



Engine 113

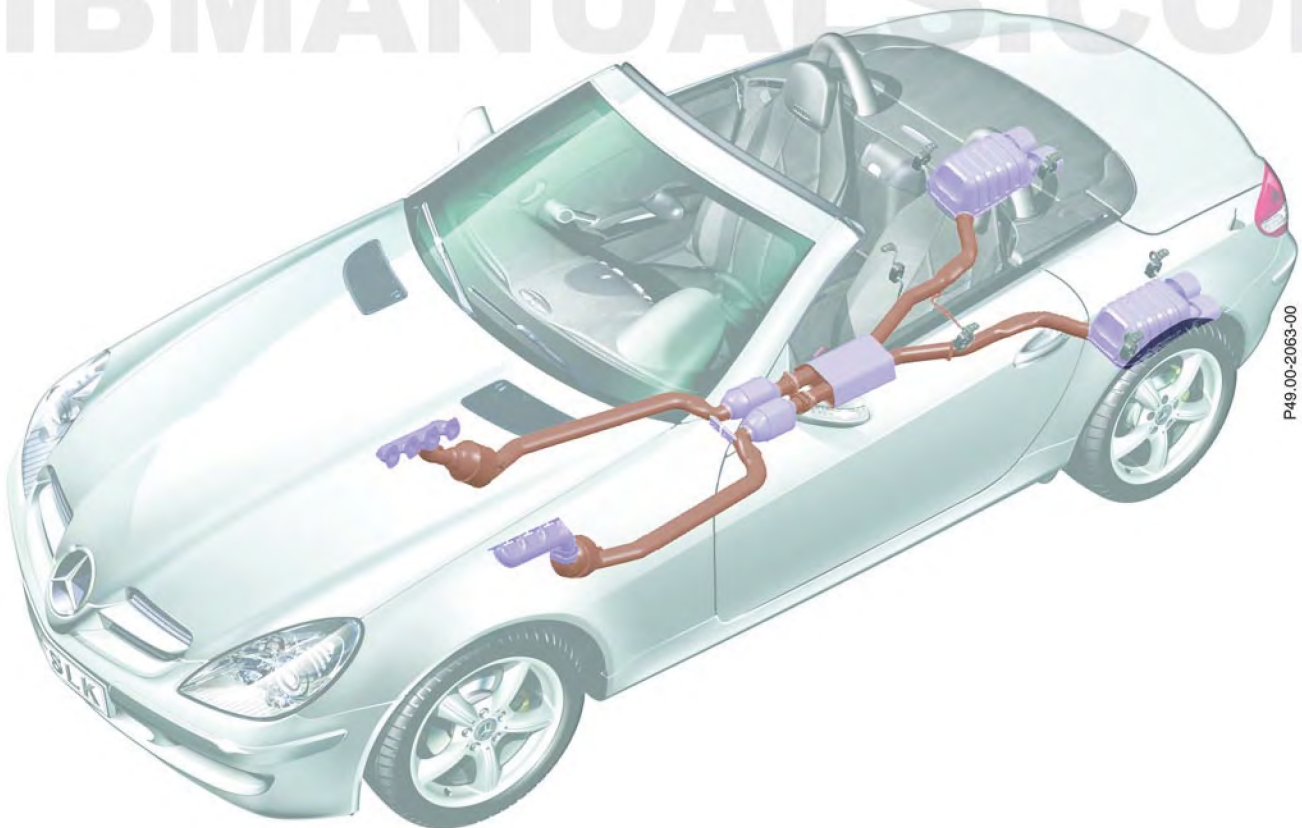
AMG exhaust system

The AMG sports exhaust system in the SLK 55 AMG satisfies the US emissions limits and is perfectly tuned in terms of function and sound to the AMG 5.5 l V8 engine. The near-engine mounted bulkhead catalytic converter is coated with palladium/rhodium while the under-floor catalytic converter is platinum/rhodium-plated. The longevity of the exhaust system is provided by the use of stainless steel throughout.

The catalytic converter system incorporates one bulkhead and one underfloor catalytic converter (both made from thin-wall ceramic) in each exhaust stream. Downstream of the separation point of the two catalytic converter systems, the exhaust streams are combined in the center muffler. Further on, the exhaust flow continues in twin pipes to the two rear mufflers.

The AMG sports exhaust system ends in two chrome-plated twin tailpipes bearing the AMG logo.

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Exhaust system