



Fully Restyled Mercedes-Benz SL-Class

Press Information

March 18, 2012

- **New all-aluminum bodyshell and innovative technology realize substantial weight reduction**
- **New-generation direct injection engines and state-of-the-art transmission**
- **Two innovations: FrontBass[®] system and MAGIC VISION CONTROL**

Mercedes-Benz Japan Co., Ltd. (President: Nicholas Speeks; Head office: Minato-ku, Tokyo) launches the new SL, the flagship roadster from the Stuttgart brand fully restyled for the first time in eleven years. Featuring a raft of state-of-the-art innovations such as a newly developed all-aluminum bodyshell and new-generation powertrain technology, the new SL roadster boasts significantly improved environmental compatibility, driving dynamics, and comfort. Beginning today, the new Mercedes-Benz SL is available through the nationwide network of authorized Mercedes-Benz dealerships. The new SL roadster will be delivered to customers starting June.

The new Mercedes-Benz SL represents the sixth generation of the luxury sports car family that dates back to the “300 SL Gullwing” introduced in 1952. With the classic elegant roadster styling of a long nose and a short rear, equipped with cutting-edge technologies underneath, the Mercedes flagship roadster offers a unique amalgam of driving dynamics, ride comfort, safety, and environmental responsibility.

Lighter and more rigid: sophisticated all-aluminum bodyshell

For the first time Mercedes-Benz has implemented an all-aluminium bodyshell in a series-production model. It is up to 140 kilograms lighter than its predecessor, helping reduce fuel consumption. The right materials and right structural designs are applied in the right places. The roof frame, for example, is made of magnesium. These measures increase torsional rigidity by more than 20% compared with the outgoing roadster, thereby helping improve both handling and comfort.

Highly efficient/high-performance new-generation powertrain and newly designed suspension

All models of the new SL are powered by new-generation direct injection engines mated with the newest transmission with ECO start/stop function, conferring a unique combination of driving dynamics and fuel efficiency. Aluminum is generously used in the suspension as well, reducing the unsprung mass. This combines with the electronic suspension control to achieve agile handling and high ride comfort.

| | Displacement Engine type | Peak output (kW/hp) | Maximum torque (Nm) | Fuel efficiency (km/liter) | 0-100 km/h (s) |
|-----------|--|------------------------|------------------------|-------------------------------|-------------------|
| SL 350 | 3.5-liter V6, with direct injection | 225/306 (-7/-10) | 370 (+10) | 14.7 (+29%) | 5.9 (-0.3) |
| SL 550 | 4.7-liter (-0.8 liters) V8, with direct injection and bi- turbocharging | 320/435 (+35/+48) | 700 (+170) | 11.0 (+22%) | 4.6 (-0.8) |
| SL 63 AMG | 5.5-liter (-0.8 liters) V8, with direct injection and bi- turbocharging | 395/537 (+9/+12) | 800 (+170) | 10.1 (+30%) | 4.3 (-0.3) |

Note: Figures in parentheses show differences compared with outgoing models. All other figures are for European variants.

Two Innovative Features: FrontBass[®] system and MAGIC VISION CONTROL

Instead of being placed in the doors, the bass loudspeakers of the new SL generation are installed in the footwell in front of the front seats. The innovative new FrontBass[®] system converts the luxury roadster into a concert hall with or without the roof closed. Another innovation as a standard feature is the MAGIC VISION CONTROL adaptive windshield wipe/wash system. It supplies water to the windshield from many holes on the wiper blade lip, ensuring excellent visibility for the driver without troubling the occupants, even with the roof down. The HANDS-FREE ACCESS system is another innovation which provides contactless operation of the trunk lid, opened and closed by moving the foot under the rear bumper.

State-of-the-art safety systems

The new SL is equipped with state-of-the-art safety features. Advanced driver assistance systems are standardized which include the Radar Safety package, applying radar waves to detect obstacles in front and the side and automatically brakes to mitigate collision risk. In addition, the Intelligent Light System automatically switches lighting modes depending on the situation.

| Model name | Engine | Steering | Suggested nationwide retail price (including consumption tax) |
|----------------------------------|---|----------|--|
| SL 350 BlueEFFICIENCY | 3.5-liter, with direct injection | LHD/RHD | ¥11,900,000 (¥11,333,334) |
| SL 550 BlueEFFICIENCY | 4.7-liter, with direct injection and turbocharging | LHD | ¥15,600,000 (¥14,857,143) |
| SL 63 AMG | 5.5-liter, with direct injection and turbocharging | LHD | ¥19,800,000 (¥18,857,143) |



SL 550 BlueEFFICIENCY with the AMG Sports package (European variant)