



- **2011 SL550 Roadster**  
MSRP \$102,600
- **Passenger capacity**  
2
- **Cabin capacity**  
57.8 cu ft
- **Transmission type**  
7-speed automatic

- **Engine**  
5.5L DOHC 32-valve V-8
- **Power**  
382 hp @ 6,000 rpm
- **0 - 60**  
5.3 seconds
- **City Fuel economy (mpg)**  
13
- **Highway Fuel economy (mpg)**  
21



- › **Drive-Dynamic Multicontour Seats**  
Enjoy driver's seat, steering column, and outside mirror memory control



- › **Distronic**  
Explore the safety and convenience of this advanced cruise control feature



- › **Servicing Your Vehicle**  
Superior care for the life of your Mercedes-Benz

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▾ Exterior Dimensions

Overall width	81.5 in (including mirrors)	Wheelbase	100.8 in
Overall length	180.4 in	Curb weight	4,220 lb
Overall height	51.1 in (top up)	Coefficient of drag	0.29 cd (top up)

▾ Interior Dimensions

Headroom	37.7 in (top up)	Trunk capacity	10.2 cu ft (top up), 7.2 cu ft (top down)
Legroom	42.9 in	Cabin capacity	57.8 cu ft (interior volume plus trunk space)
Shoulder room	54.0 in		

▾ Engine, Drivetrain, and Performance

Engine		Drivetrain	
Net power	382 hp @ 6,000 rpm	Transmission	<ul style="list-style-type: none"> <li>• Driver-adaptive electronic 7-speed automatic</li> <li>• Driver-adaptive programming adjusts shift points to the driver's current driving style</li> <li>• Touch Shift allows driver to manually downshift and allow upshifts by</li> </ul>
Fuel tank	21.1 gallons		
Fuel and ignition system	Sequential fuel injection and ignition. Four valves per cylinder with continuously variable intake and exhaust valve timing		

Net torque	391 lb-ft @ 2,800 - 4,800 rpm	nudging the shift lever left or right from the Drive position <ul style="list-style-type: none"> <li>Shift into Optimum Gear programming allows one-touch selection of the best gear for maximum acceleration or engine braking by holding the shift lever to the left of Drive for one second</li> <li>Driver-selectable Comfort mode starts vehicle moving in 2nd gear or a 2nd Reverse gear, and upshifts at lower rpm, to help improve control on slippery surfaces</li> </ul>
Compression ratio	10.7:1	
Construction	5,461-cc DOHC 32-valve V-8 Aluminum-alloy cylinder block. Aluminum-alloy heads	
Fuel requirement	Premium unleaded gasoline, 91 pump octane	
<b>Performance</b>		
Acceleration(1)	0 - 60 in 5.3 seconds	
Drive configuration	Rear-wheel drive	
Rear axle ratio	2.65:1	
<b>Fuel economy</b>		
EPA estimate(2)	13 mpg	
Highway estimate(3)	21 mpg	
Emission certification	bin 5 (ULEV of LEV II)	

Chassis and Traction Control/Stability Systems

<b>Chassis</b>		<b>Traction Control &amp; Stability</b>	
Front suspension	Independent 4-link	Electronic Stability Control (ESC)	ESC compares the driver's intended course, via steering and braking inputs, to the vehicle's response, via lateral acceleration, rotation (yaw), and individual wheel speeds. ESC brakes individual front or rear wheels and/or reduces excess engine power as needed to help correct understeer (plowing) or oversteer (fishtailing). ESC also integrates all-speed traction control, which
Steering-wheel turns	2.6 lock-to-lock		
Active Body Control (ABC)	Standard ABC, an active suspension system, utilizes a coil spring and an electronically controlled hydraulic cylinder in series, plus a separate gas-pressurized shock absorber at each wheel. Using a total system pressure of up to 2,900		

	psi, ABC continually adjusts each wheel's suspension to counteract vibration, pitch, dive, squat, and roll. ABC also provides automatic 4-wheel level control, driver-selectable ride height, and automatic lowering at higher speeds.(4) Driver-selectable Sport mode virtually eliminates body roll for even flatter cornering and sharper handling response	senses drive-wheel slip under acceleration and individually brakes the slipping wheel or wheels, and/or reduces excess engine power, until control is regained(5)
Rear suspension	Independent 5-arm multilink	
Steering type	Rack-and-pinion with vehicle-speed-sensitive power assist and integrated hydraulic damper	
Turning circle	36.2 ft curb-to-curb	

**Brakes, Wheels, and Tires**

<b>Brakes</b>		<b>Wheels/Tires</b>	
Brakes	Four-circuit electrohydraulic brakes. 13.0" perforated and internally ventilated four-piston fixed front brakes and 11.8" solid — single-piston floating rear brakes	Wheels	18" 5-spoke, 8.5x18 front — 9.5x18 rear(7)
Electrohydraulic braking	Electrohydraulic braking system transmits brake pressure individually to each wheel based on driver input and various vehicle parameters. The system more precisely controls brake pressure at each wheel during normal braking, emergency stopping, and Electronic Stability Program (ESP®) operation.7 Automatic brake drying applies the brakes lightly and briefly based on windshield wiper use and driver braking intervals, to reduce moisture on the brake surfaces in wet weather. Predictive brake priming sets the brake pads nearer the discs when the driver quickly releases the accelerator, for faster brake response	Tires	255/40 R18 front and 285/35 R18 rear, high performance(7)

<p><b>Antilock Braking System (ABS)</b></p>	<p>ABS senses impending wheel lockup under heavy braking and pumps the front brakes individually or the rear brakes together (to help maintain stability) as needed up to 30 times per second, to prevent lockup and maintain steering ability. With off-road driving program selected, automatic loose-surface program helps shorten stopping distances from speeds under 18 mph</p>	
<p><b>Brake Assist (BAS)</b></p>	<p>BAS senses emergency braking via the speed at which the driver presses the brake pedal and immediately applies maximum available power boost, potentially reducing the overall stopping distance by eliminating the delay caused by a common human tendency not to brake hard enough, soon enough. Letting up on the brake pedal releases BAS(6)</p>	

**Exterior and Interior Features**

<b>Exterior Features</b>	<b>Interior Features</b>
<p>Heated washer nozzles</p>	<p>Multifunction steering wheel</p> <p>Provides convenient additional controls for basic audio and phone(9) functions, as well as operation of the multifunction display</p>
<p>Rain-sensing variable intermittent wipers</p>	
<p>Halogen front foglamps</p>	<p>REST mode</p> <p>Can ventilate the cabin or help keep the cabin warmer using residual heat for up to 30 minutes after the car has been turned off</p>
<p>Programmable daytime running lamps</p>	
<p>Dual-intensity LED brakelamps and taillamps</p>	<p>Seat belt</p> <p>Usage sensors allow climate control system to focus first on occupied seats</p>
<p>Dual chrome exhaust tips</p>	<p>Driver-programmable easy-exit feature</p> <p>Raises steering column</p>

Electrohydraulic retractable aluminum hardtop	Operated via console control or SmartKey remote. Rear window pivots 180° while top folds for more space-efficient stowage of folded top in trunk	Auto-dimming rearview mirror	
Easy-Pack system	Tilts up folded roof at the touch of a button for easier access to trunk	Storage	<ul style="list-style-type: none"> <li>Shelf behind seats with retractable luggage straps</li> <li>Dual enclosed storage compartments beneath luggage shelf</li> <li>Locking the car from outside automatically locks all of these compartments for added convenience when parking with the top down</li> </ul>
Removable trunk separator for increased trunk space (over 0.74 cu ft)(8)		Climate control	Compensates for driving speed, window and hardtop positions, and ambient temperature
Dual heated power mirrors linked to driver's seat memory		Sun sensor	Helps compensate for the effects of direct sunlight on occupants
Electrically heated rear window	With auto-shutoff based on time and outside temperature	Humidity/dewpoint sensor	<ul style="list-style-type: none"> <li>Reduces window fogging during humid weather</li> <li>Helps prevent overdrying of cooled air</li> </ul>
Attachable fine-mesh wind deflector (fastens to roll bar)		Power windows	With one-touch express-up/down for front windows and one-touch express-down for rear windows, via front window controls
Auto-dimming left-side mirror		4-way (tilt/telescoping) power steering column	Position-linked to driver's seat memory
Driver-selectable light-sensing headlamps.	Can be set via the Auto position of the headlamp switch to automatically illuminate in darkness	Electronic cruise control	
<b>Instrumentation</b>		Dual-zone climate control	With individual driver and passenger controls for temperature and airflow direction, with dual automatic modes
Electronic analog speedometer, tachometer, and quartz clock	Electronic analog speedometer, tachometer, fuel gauge, and gauges for fuel level and coolant temperature	Electrostatic dust and pollen filter	Integrated activated charcoal filter with smog-sensing automatic recirculation of filtered cabin air
Automatic illumination of displays and controls based on ambient lighting			
Dual Multifunction display in center of speedometer	Tachometer faces indicate Touch Shift gear selection and Shift mode Scrolled via steering-wheel controls to operate and display various menus and vehicle features: <ul style="list-style-type: none"> <li>Odometer and resettable trip meter</li> </ul>		

- Outside temperature indicator
- Maintenance System (see below), engine oil-level check, and digital speedometer
- Radio station, 6-disc CD changer, iPod/MP3 media playlist/track, and SIRIUS Satellite Radio
- Hard-drive-based navigation system route guidance
- DISTRONIC Adaptive Cruise Control settings(9)
- Vehicle reminder and malfunction messages
- Driver-programmable settings for instrument cluster, lighting, and vehicle and convenience features
- Trip computer (elapsed time, fuel consumption, and distance to empty)
- Mobile phonebook(9)

Mercedes-Benz Maintenance System Plus

Displays distance remaining to next basic maintenance service, indicates type of service due, and provides an automatic reminder when service interval draws near

Tire-pressure monitoring system

Alerts driver to a loss of tire pressure via the multifunction display and can illuminate a warning lamp

 Safety and Security Systems

**Restraint Systems**

Mercedes-Benz Automatic Collision Notification

Engages the SOS function if an air bag or ETD deploys(12)

Pop-up rollover bar

If sensors detect an imminent rollover, a high-strength steel roll bar automatically deploys in 0.3 seconds. Driver can also raise and retract the

**Locking & Security**

SmartKey

- SmartKey remote control Integrates Remote Door Unlock, removable valet key, and panic alarm
- Driver may selectively unlock only the driver's door and fuel filler or all doors plus

	roll bar electronically via a console control(13)		the trunk and fuel filler
Head restraints	Automatically height-adjust as the seats move fore-aft. Head restraints also power adjust for height and manually adjust fore-aft		<ul style="list-style-type: none"> <li>Offers infrared-remote opening/closing of windows and power sunroof from outside the car</li> </ul>
Selectable seat-belt retractor	For passenger seat to help secure a child seat(10)	Integrated three-button garage door control	Compatible with HomeLink® components and some other systems
Dual-stage front air bags	Adaptive for passengers. Deployed in response to frontal impact severity and Occupant Classification System (OCS) for passenger seat(10)	mbrace GPS-based Stolen Vehicle Recovery	Helps law enforcement agencies track and recover stolen vehicles(12)
Seat belts	Attached to seat frames at all three points. Shoulder belts height-adjust automatically	mbrace Remote Door Unlock(12)	
Integrated Restraint System	Driver and passenger are each provided with a dual-stage front air bag, a door-mounted side-impact head/thorax air bag, and a 3-point seat belt with an Emergency Tensioning Device (ETD) and belt force limiter. Driver is also provided with a knee bag(10)	mbrace Anti-Theft Alarm Notification	Alerts Mercedes-Benz to contact vehicle owner if antitheft alarm sounds(12)
Occupant Classification System (OCS)	OCS automatically turns the passenger air bag on or off and adjusts the inflation rate of the front passenger's front air bag based on the weight category determined by weight sensor readings from the front passenger seat(11)	Driver-programmable driveway locking	Can automatically lock the doors when the car reaches 9 mph
Emergency Tensioning Devices (ETDs)	Deployed in a front or rear impact exceeding a preset threshold of severity, or certain rollovers. A front ETD will not deploy if seat belt is unfastened. The opposite-side ETDs also deploy in side impacts exceeding the deployment threshold. mbrace Automatic Collision Notification engages the SOS function if an air bag or ETD deploys.	Night security illumination	Uses the car's exterior lights to help illuminate a path after parking

☐ Comfort and Convenience Features

**Seating & Trim**

- 12-way power front seats
- With pneumatically adjustable lumbar support and 3-position memory
  - Driver's seat memory includes steering column and outside mirror

Hand-fitted leather upholstery on seats and head restraints

Hand-polished Burl Walnut or Black Ash wood trim on console and doors

Leather-trimmed steering wheel and shift knob

Aluminum door-sill trim

Heated seats

Easy-access courtesy feature with obstruction sensor

A button tilts seat back, power-glides seat forward, and restores seat position

**Audio, Navigation, and Communication**

COMAND Cockpit Management and Data system

SIRIUS Satellite Radio with six-month subscription

Hard-drive-based navigation system

Uses Global Positioning System (GPS) satellites to determine the current location of your car, with a map database for the contiguous U.S., Canada, and Oahu, Hawaii, all on a single DVD

In-dash 6-disc CD/DVD changer

Bluetooth® interface for hands-free phone use

harman/kardon® LOGIC7® digital surround-sound system

With Dolby Digital 5.1

Mercedes-Benz mbrace

Mercedes-Benz mbrace uses GPS satellites plus a cellular link to provide 24-hour live assistance for emergency assistance (SOS button), connection to Roadside Assistance (wrench button or vehicle information and access to premium services (i-button). Mercedes-Benz mbrace Package includes Automatic Collision Notification, Stolen Vehicle Location Assistance, Remote Door Unlock, Dealer Connect, and more.

☐ Options & Packages

**Individual Options**

- Individual Options
- Distronic Adaptive Cruise Control
  - Panorama roof with sunshade
  - PARKTRONIC

**Packages**

- Premium 1 Package
- Active ventilated front seats
  - AIRSCARF neck-level heating system



- Multicontour seats
- Electronic trunk closer
- KEYLESS-GO

#### Trim Package

- Premium leather seating
- Wood/leather shift knob
- Wood/leather steering wheel

#### Wheel Package

- 19" AMG 5-spoke wheels with high performance tires
- Dark-tinted headlamps and tail lamps
- Silver painted front brake calipers with Mercedes-Benz lettering
- Perforated rear brake rotors
- Manual shift mode

1. 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.

2. 2010 EPA estimated fuel economy. Compare the estimated mpg to the estimated mpg of other vehicles. You may get different mileage depending on how fast you drive, weather conditions, and trip length.

3. Your actual highway mileage will probably be less than the highway estimate.

4. Please obey all speed laws.

5. No system, regardless of how advanced, can overcome the laws of physics or correct careless driving. Please always wear your seat belt. Best performance in snow is obtained with winter tires.

6. Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

7. Lower aspect ratio tires and accompanying wheels provide substantially increased treadwear, increased tire noise and reduced ride comfort. Serious wheel and tire damage may occur if the vehicle is operated on rough or damaged road surfaces or upon encountering road debris or obstacles. These tires are not designed for use on snow and ice. Winter tires mounted on appropriately sized and approved wheels are recommended for driving in those conditions.

8. Hardtop will not retract without trunk separator. Trunk space is increased to 0.74 cu ft when trunk separator is removed and there is no spare tire.

9. When equipped with this feature.

10. WARNING: THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURIES TO A CHILD UNDER AGE 13. THE SAFEST SEATING POSITION FOR YOUR CHILD IS IN THE REAR SEAT, BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS.

11. OCCUPANT CLASSIFICATION SYSTEM (OCS) IS DESIGNED TO TURN THE FRONT PASSENGER'S FRONT AIR BAG OFF WHEN THE SYSTEM SENSES THE WEIGHT OF A TYPICAL CHILD 12 MONTHS OLD OR LESS PLUS THE WEIGHT OF A STANDARD APPROPRIATE CHILD RESTRAINT. SEE OPERATOR'S MANUAL FOR IMPORTANT ADDITIONAL INFORMATION ON THIS SYSTEM AND FOR FURTHER INFORMATION REGARDING THE TRANSPORTATION OF CHILDREN HEAVIER THAN A TYPICAL 12-MONTH-OLD.

12. Mercedes-Benz mbrace is optional on all C-Class, GLK-class, R-class, and E-class coupe models. When equipped with mbrace, there is a 6 month trial period of the mbrace Package on new vehicles and an optional 3 month PLUS Package trial. Three month mbrace Package trial period is offered on Certified Pre-Owned and pre-owned sales at an authorized Mercedes-Benz dealer. Subscriber Agreement required for service to be active. Service operates only where cellular and Global Positioning Satellite signals are available and requires adequate power supply. In order to activate Stolen Vehicle Location Assistance, you must provide your mbrace Personal Identification Number (PIN) and valid stolen vehicle police case number. PIN is additionally required for Remote Door Unlock.

13. The roll bar system is designed to enhance the level of rollover protection compared to a vehicle without one. No system, regardless of how advanced, can eliminate the chance of injury in an accident. Please always wear your seat belt.

14. Please see your dealer for warranty details as well as for terms, conditions and pricing for extended warranty options. Surcharges for extended warranties apply after the first year.

15. Whichever comes first. Requires use of 229.5-spec oil and high-performance fleece oil filter. Driver is responsible for monitoring fluid levels and tire pressure between service visits. See Maintenance Booklet for details.

16. On models with different-sized front and rear tires, which cannot be rotated, dealer will inspect tires and set inflation pressure. Follow tire manufacturer's recommendations.

Excludes all options, taxes, title registration, \$875 transportation charge and dealer prep fee.

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