



- **The 2010 S600 Sedan**  
MSRP \$149,700
- **Passenger capacity**  
5
- **Cargo capacity**  
16.3 cu ft.
- **Transmission type**  
5-speed automatic

- **Engine**  
5.5L biturbo 36-valve V-12
- **Power**  
510 hp @ 5,000 rpm
- **0 - 60**  
4.5 seconds
- **City Fuel economy (mpg)**  
11
- **Highway Fuel economy (mpg)**  
17



▶ **COMAND System**  
Control the radio, CD changer, and more without taking your eyes off the road



▶ **Active Body Control**  
Learn about the technology behind this active suspension system



▶ **Service and Parts**  
Superior care for the life of your Mercedes-Benz

▶ Print

Exterior Dimensions

Wheelbase	124.6 in
Overall length	206.5 in
Overall height	58.0 in
Overall width	83.5 in
Curb weight	4,950 lbs.

Interior Dimensions

Front		Rear	
Headroom	37.8 in	Headroom	38.5 in
Legroom	41.9 in	Legroom	42.3 in
		Cargo capacity	16.4 cu ft

Engine, Drivetrain, and Performance

**Engine**

Net power	510 hp @ 5,000 rpm
Fuel and ignition system	Sequential fuel injection and twin-spark ignition. Four valves per cylinder with continuously variable intake and exhaust valve timing
Fuel tank (capacity - reserve)	23.8 - 2.9 gal
Net torque	612 lb-ft @ 1,800 - 3,500 rpm
Compression ratio	9.0:1
Construction	5,513-cc SOHC biturbo 36-valve V-12 Aluminum alloy cylinder block with magnesium cylinder heads
Fuel requirement	Premium unleaded gasoline, 91 pump octane
<b>Performance</b>	
Acceleration(2)	0 - 60 in 4.5 seconds

**Drivetrain**

Transmission	<ul style="list-style-type: none"> <li>• 5-speed automatic</li> <li>• Steering-wheel-mounted shift buttons allow for Touch Shift gear selection</li> <li>• Electronically controlled shifting</li> <li>• Driver-adaptive programming adjusts shift points to the driver's current driving style</li> <li>• Driver-selectable Comfort mode starts vehicle moving in 2nd gear or 2nd Reverse gear, and upshifts at lower rpm to help improve control on slippery surfaces</li> </ul>
Rear axle ratio	2.65:1
Drive configuration	Rear-wheel drive
<b>Fuel economy</b>	
EPA estimate(3)	11 mpg
Highway estimate(4)	17 mpg
Emission certification	bin 5 (LEV of LEV II)

Chassis and Traction Control/Stability Systems

**Chassis**

Front suspension	4-link suspension, antilift control, gas-pressurized shock absorbers, and stabilizer bar
Active Body Control (ABC)	ABC, an active suspension system, utilizes a coil spring and an electronically controlled hydraulic cylinder in

**Traction Control & Stability**

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 then brakes individual front or rear wheels and/or reduces excess engine
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	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 speed	power as needed to help correct understeer (plowing) or oversteer (fishtailing). ESC also integrates all-speed traction control, which 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	Multilink independent suspension, antisquat, and antidive system	
Steering	Power-assisted, speed-sensitive rack-and-pinion steering	

**Brakes, Wheels, and Tires**

<b>Brakes</b>		<b>Wheels/Tires</b>	
Dual-circuit power-assisted 4-wheel disc brakes	13.8" perforated and ventilated front discs and 12.6" ventilated, rear discs. Cast-iron 4-piston fixed calipers on front and cast iron single-piston floating calipers on rear	Wheels	18" 5-spoke light-alloy, 8.5 x 18.0 / 9.5 x 18.0 staggered
Antilock Braking System (ABS)	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	Tires	255/45 R18 front, 275/45 R18 rear, all-season
Brake Assist (BAS)	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)		

Exterior and Interior Features

**Exterior Features**

Heated windshield washer reservoir

Rain-sensing variable intermittent wipers

Measure rainfall on windshield and adjust wiper speed and frequency accordingly

Laminated infrared-reflecting glass

Helps reduce radiant heat, UV rays, and noise penetration

Tinted-glass Panorama roof

- Power tilt/sliding one-touch express open/close front panel
- Independently operated front/rear shades

Dual heated power mirrors

- Linked to driver's seat memory
- Auto-dimming left-side mirror

Dual aero-blade windshield wipers

Bi-Xenon High-Intensity Discharge (HID) low-/high-beam headlamps

- Automatic level control
- Heated headlamp washers

Selectable light-sensing headlamps

Electrically heated rear window

With auto-shutoff based on time, driving speed, and outside temperature

Halogen front foglamps.

Rear foglamp in left taillamp

Variable Doorstop holds the door open at virtually any point

Programmable power fold-in side mirrors

- Retract when car is locked
- Fold out when front door is opened

**Instrumentation**

Digital display of speedometer, odometer, and Touch Shift gear/mode selection

Blind Spot Assist

- Utilizing the DISTRONIC PLUS sensors, the radar-based Blind Spot Assist helps to aid the driver when changing lanes by monitoring the blind spot of the exterior mirror
- A signal appears on the display in the respective mirror, when another vehicle is located in this zone(9)

Parking Guidance

- The Parking Guidance system assists the driver by identifying parallel curbside parking spaces and showing steering directions into the space in the multifunction display
- An audible warning tone provides further assistance
- Display shows a stylized bird's-eye view of the the vehicle's current position
- Steering directions are presented in the form of lines showing the ideal and actual path into the parking space, helping to guide the steering wheel turns until the two paths coincide(9)

Onboard tire-pressure monitoring system

Allows driver to check the inflation pressure of all four mounted tires

<b>Interior Features</b>		Electronic analog tachometer and fuel gauge
Built-in keypad located beneath handrest	Easy access to Hands-Free Communication System and radio presets	
Electronic trunk closer		
Adjustable fiber-optic ambient lighting under the door and cockpit wood trim panels		
Electronic parking brake	Disengages when the vehicle is put into gear and gas is applied	Mercedes-Benz Maintenance System <ul style="list-style-type: none"> <li>Displays distance remaining to next basic maintenance service, indicates type of service due, and provides automatic reminder feature when service interval draws near</li> <li>System also monitors brake-pad wear</li> </ul>
Power rear-window sunshade	With one-touch express-up/down	Multifunction display in instrument cluster <p>Multifunction display in instrument cluster, scrolled via steering-wheel controls to operate and display various menus and vehicle features:</p> <ul style="list-style-type: none"> <li>Outside temperature indicator</li> <li>Digital speedometer</li> <li>Maintenance System (see below)</li> <li>Engine oil-level check</li> <li>Radio station, 6-disc CD changer</li> <li>iPod playlist/track (with accessory iPod Integration Kit)</li> <li>SIRIUS Satellite Radio</li> <li>Hard-drive-based navigation system route guidance</li> <li>Vehicle reminder and message indicator</li> <li>Driver-programmable settings for instruments</li> <li>Lighting, and vehicle and convenience features</li> <li>Trip computer (elapsed time, fuel consumption, and distance to empty)</li> <li>Distronic Plus Adaptive Cruise Control settings(8)</li> </ul>
Auto-dimming rearview mirror		
4-way (tilt/telescoping) power steering column	Linked to driver's seat memory	
Programmable easy-exit feature	Moves driver's seat back and/or raises steering column	
Four illuminated vanity mirrors in sun visors and rear-cabin ceiling		
4-zone automatic climate control	Rear-cabin operating panel with dual temperature, speed, and airflow distribution controls	
Electrostatic dust and pollen filter		
Sun sensor	Helps compensate for the effects of direct sunlight on the occupants	
Humidity/dewpoint sensor	<ul style="list-style-type: none"> <li>Helps reduce window fogging during humid weather</li> <li>Helps prevent overdrying of cooled air</li> </ul>	
COMAND controller	Provides easy and convenient operation of the vehicle's systems	

Multifunction steering wheel	Provides convenient additional controls for basic audio, Voice Control, and phone functions, as well as operation of the multifunction display
Steering-wheel-mounted shift buttons behind steering wheel	

Safety and Security Systems

Restraint Systems		Locking & Security	
Active Front Head Restraints	Power-adjust for height, manually adjust fore-aft, and automatically height-adjust as seat is moved fore-aft	SmartKey	<ul style="list-style-type: none"> <li>SmartKey remote control integrates Remote Door Unlock, Tailgate Unlock button (or power tailgate open), and panic alarm</li> <li>Driver may selectively unlock only the driver's door and fuel filler, or all doors plus the tailgate and fuel filler</li> <li>Offers infrared-remote opening/closing of windows and sunroof</li> </ul>
Dual-stage front air bags	Adaptive for the front passenger. Deployed in response to frontal impact severity exceeding a preset deployment threshold	Emergency trunk release	Located inside trunk and illuminated for 60 minutes after trunk is closed
PRE-SAFE®	Helps prepare the occupants for a possible collision before one occurs. If PRE-SAFE senses a possible accident based on brake pedal application pattern, steering-wheel input pattern, or Electronic Stability Control (ESC®) activation level, it will take action to help protect you better depending on the situation, including electrically tensioning the front seat belts, adjusting the front passenger seat for potentially more favorable air bag and seat-belt effectiveness, and closing the side windows and sunroof (if a possible rollover is detected)	Locator lighting	<ul style="list-style-type: none"> <li>Uses the car's lights to help illuminate a return path when the car is remote-unlocked in darkness</li> <li>Unlocking car activates illuminated entry system</li> </ul>
Rear seat belts	Automatically height-adjusting rear shoulder belts	mbrace Remote Door Unlock	...
Three rear-seat head restraints, manually adjustable fore-aft	All three head restraints can also be remotely retracted by the driver for improved rearward vision when the rear seats are	mbrace Anti-Theft Alarm Notification	Alerts Mercedes-Benz to contact vehicle owner if antitheft alarm sounds.



	unoccupied. On models with power rear seats, rear head restraints rise automatically when seat belt is fastened	Antitheft alarm	With remote panic feature
Occupant Classification System (OCS)	OCS automatically turns the front passenger's front air bag on or off and adjusts the air bag inflation rate based on the weight category determined by weight sensor readings from the front passenger seat.	mbrace GPS-based Stolen Vehicle Recovery	Helps law enforcement agencies track and recover stolen vehicles.
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. Mercedes-Benz mbrace Automatic Collision Notification engages the SOS function if an air bag or ETD deploys.	Integrated three-button garage door control	Compatible with HomeLink® components and some other systems
Front seat belts	Include manually height-adjustable shoulder belts and lower points attached to seat frames. Outboard second-row shoulder belts are automatically height-adjusting	Night security illumination	Uses the car's exterior lights to help illuminate a path after parking
Window Curtain Air Bags	In a side impact exceeding a preset threshold, a multi-chamber air bag deploys along the front and rear side-door windows on the affected side of the vehicle. Integrated rollover sensor automatically deploys the ETDs and, if deemed necessary, the Window Curtain Air Bags in the event of a detected rollover.	Driver-programmable driveaway	Locking automatically locks the doors when the car reaches 9 mph
Universal LATCH system (Lower Anchors and Tethers for Children)	At rear outboard seating positions. Selectable passenger seat-belt retractors help secure child seats.		

<p>Mercedes-Benz Automatic Collision Notification</p>	<p>Engages the SOS function if an air bag or ETD deploys.</p>	
<p>Integrated Restraint System</p>	<p>Driver and front passenger are each provided with an adaptive dual-stage front air bag, a side-impact air bag, and a 3-point seat belt with an Emergency Tensioning Device (ETD) and adaptive belt force limiter. Second-row outboard passengers are each provided with a 3-point seat belt with an ETD, belt force limiter, and side-impact air bag. Second-row center passenger is provided with a 3-point seat belt only.</p>	

**Comfort and Convenience Features**

<b>Seating &amp; Trim</b>	<b>Audio, Navigation, and Communication</b>
<p>14-way power-adjustable front seats</p> <ul style="list-style-type: none"> <li>• Each with 3-position memory</li> <li>• Driver's seat memory includes steering column and outside mirror positions, and is linked to SmartKey user recognitions</li> </ul>	<p>COMAND Cockpit Management and Data system</p> <p>40-gigabyte hard-drive-based in-dash next generation navigation system</p> <p>Uses Global Positioning System (GPS) satellites to determine the current location of your car(11)</p>
<p>Wood-trimmed telephone keypad cover with handrest</p>	<p>harman/kardon® LOGIC7® 5.1-channel digital surround-sound system</p> <p>600 watts, 14 speakers, a 5.1-channel amplifier, and Digital Dynamic Volume Control</p>
<p>Exclusive leather upholstery and trim</p>	<p>Alcantara headliner</p>
<p>Wood/leather steering wheel</p>	<p>SD card slot</p> <p>Allows you to transfer digital audio files from your PC onto a memory card and play them through the COMAND system</p>
<p>Three-level heated front seats</p>	<p>Integrated single-feed 6-disc CD/DVD changer</p>
<p>Drive-Dynamic multicontour front seats with 4-level massage</p>	<p>Hands-Free Communication System with Voice Control</p>
<p>Heated and Active Ventilated rear seats</p>	<p>Mercedes-Benz mbrace</p>
<p>Power rear outboard seats</p>	<p>Mercedes-Benz mbrace uses GPS satellites plus a cellular link to provide 24-hour live assistance for emergency assistance (SOS button),</p>



Hand-polished Brown  
Poplar wood trim

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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.

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 **Options & Packages**

**Individual Options**

- 19-inch multispoke alloy wheels
  - 20-inch 10-spoke wheels
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1. Unsecured cargo can become hazardous in a collision. Always secure cargo using floor-mounted tie-downs.
2. 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.
3. 2009 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.
4. Your actual highway mileage will probably be less than the highway estimate.
5. No system, regardless of how advanced, can overcome physics or correct careless driving. Best performance in snow is obtained with winter tires. Please always wear your seat belt.
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. When equipped with this feature.
9. 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.
10. A small gap is left near the full-close position. For vehicles with Panorama Roof, PRE-SAFE® will not automatically close the roof in the event of an impending accident.
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. While the Navigation System provides directional assistance, the driver must remain focused on safe driving behavior, including paying attention to traffic and street signs. The driver should utilize the system's audio cues while driving and should only consult the map or visual displays once the vehicle has been stopped in a safe place. Maps do not cover all areas nor all routes within an area.
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.

iPod is a registered trademark of Apple Computer, Inc.

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

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