

2004 Mercedes-Benz **S-Class**
S430 S500 S55 AMG S600



Mercedes-Benz

I want to

What does it take to be a leader? Consider performance. You can choose the S 600's twin-turbo 493-hp V-12 and ride on the only true active suspension available. Ride a 516 lb-ft tidal wave of torque from the supercharged V-8 of the S 55 AMG. Or select the V-8 muscle of the S 430 or S 500 models, teamed with the outstanding control of Airmatic suspension and offered with 4MATIC™ all-wheel drive. You're guarded by PRE-SAFE®, the only system that can predict a possible collision and then respond to help protect you – before something happens. For your comfort and well-being, every model surrounds you in supple leather and handcrafted wood trim. The styling is an unmatched blend of elegance and presence. And considering its comprehensive list of standard features and industry exclusives, the S-Class also happens to be a tremendous value.



drive

the benchmark for luxury sedans

in hushed silence

the only car in the world with PRE-SAFE technology

a 493-hp twin-turbo V-12¹

an incredible 7-speed automatic transmission²

with the confidence of all-wheel drive

in a 14-way power front seat

surrounded by leather, wood and eight air bags

period.



The S 430 and S 500 Sedans could cause even the quickest decision-maker to pause. With a 275-hp 4.3-litre V-8 and new 7-speed automatic transmission, the S 430 – available in standard-wheelbase and long-wheelbase configurations – will rush you to 100 km/h as quick as 7.1 seconds! Quicker? With its 302-hp 5.0-litre V-8, the S 500 Long-Wheelbase Sedans fast-forward you there in as little as 6.3 seconds! New 5-spoke 17" wheels add visual spice to both models, while standard Bi-Xenon headlamps bring a brilliant intensity to the S 500.

Exceptional comfort in both sedans comes courtesy of our advanced Airmatic suspension, especially enjoyable from the supportive 14-way power front seats. And while you soak in the beauty of premium leather and hand-polished Calyptus wood in the S 430, or luxuriate in the ambience of rich Nappa leather and burl walnut in the S 500, eight air bags comfort you with their 10-way protection. For added confidence, we also offer S 430 4MATIC™ and S 500 4MATIC all-wheel-drive models paired with a 5-speed automatic transmission. You might have a hard time deciding which S 430 and S 500 to get, but it's impossible to make a bad choice.

Accomplished

performance with immediate V-8 response

elegance of hand-polished wood and buttery-soft leather

acceleration through a silky new 7-speed automatic²

but still intimately connected to the road

INNOVATIVE S-CLASS FEATURES AND OPTIONS



Standard **rain-sensing intermittent wipers** adjust their frequency automatically, based on the amount of rainfall that an infrared sensor detects on the windshield glass.



The optional **tire-pressure monitoring system** alerts you via the in-dash message centre if any tire's pressure or temperature is not within a specified range.



With optional **Parktronic**, ultrasonic sensors in the bumpers help alert you to obstacles you might not see in front of or behind your S-Class as you park.

¹ Stated rates of acceleration are for rear-wheel-drive models, based upon manufacturer's track results, and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load. ² Rear-wheel-drive S 430 and S 500 models only. ³ Distronic adaptive cruise control is no substitute for active driving involvement. It does not react to stationary objects, nor recognize or predict the curvature and lane layout of the road or the movement of vehicles ahead, and it can only apply a maximum of 20% of vehicle braking power. It is the driver's responsibility at all times to be attentive to traffic and road conditions, and to provide the steering, braking and other driving inputs necessary to retain control of the vehicle.

S 430
S 430 4MATIC
S 430 Long-Wheelbase
S 430 4MATIC Long-Wheelbase
S 500 Long-Wheelbase
S 500 4MATIC Long-Wheelbase

Sedan



S 500 Long-Wheelbase Sedan.



Optional **Distronic cruise control** monitors the distance to the vehicle ahead to help maintain your preset speed and following distance automatically.³



Optional **Keyless Go** lets you unlock or lock your S-Class with the touch of the outside door handle. Start-up is equally easy: Put your foot on the brake, tap the top of the gearshift, and you're ready to take off.



The convenient **electronic trunk closer** option allows you to close the fully open trunk simply by pressing a button on the driver's door or inside the trunk lid.

Immerse



S 430
S 430 4MATIC
S 430 Long-Wheelbase
S 430 4MATIC Long-Wheelbase
S 500 Long-Wheelbase
S 500 4MATIC Long-Wheelbase

Sedan

The S 430 and S 500 interiors were designed with one simple goal – to exceed your expectations. Having 14-way power-adjustable front seats is nice, but having the ability to vary the length of the seat cushion offers unprecedented comfort. Premium leather on the S 430 and supple Nappa leather seating on the S 500 are not only wonderful to the touch, but they also fill the cabin with their rich aroma – an environment made all the more enjoyable by climate-control filters for dust and pollen, along with monitors for



S 430 Long-Wheelbase Sedan shown with optional Distronic cruise control and Parktronic system.



Optional comfort-enhancing Active Ventilated front seats can circulate air through perforations in the upholstery via miniature internal fans, or provide two levels of relaxing heat. Active Ventilated rear seats are also optional on all S-Class long-wheelbase models. The optional heated leather steering-wheel rim rapidly warms cold hands at the push of a button.

smog and humidity. The climate control will even focus first on the seats that are occupied, based on seat-belt usage, while the new 12-speaker digital Bose® Cabin Surround™ sound system features AudioPilot™ technology, which “listens” to the sound in the cabin and seamlessly compensates for unwanted noise.

Calyptus wood on the S 430 and burl walnut trim on the S 500 are even more beautiful when you know they’re lovingly polished and fitted by hand. You’ll find thoughtful touches like xenon front reading lamps for exceptionally clear light, and front visor vanity mirrors with both magnifying and standard lenses. The lower compartment beneath the front centre armrest is not only illuminated, it also features a climate-control vent. So even though you may melt into the rich ambience of the S-Class, your stash of chocolates won’t.

While you’re delighting in S-Class elegance, subtle details may catch your eye. Environmental comfort lighting automatically sheds a soft glow on the console, all four door handles and the footwells, so you’re never left in the dark. The COMAND system integrates new DVD-based navigation,¹ audio, and the 6-disc CD changer and optional voice-activated phone, and puts them at your fingertips. And the iconic controls for the power front seats make finding your ideal position simple, while their 3-position memory makes your S-Class a joy to share.

¹ While the navigation system provides directional assistance, the driver must remain focused on safe driving behaviour, 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 verbal displays once the vehicle has been stopped in a safe place. DVD-ROM maps do not cover all areas nor all routes within an area.

S 600 Long-Wheelbase | Sedan



Superlative

Active Body Control

hand-fitted Nappa leather and burl walnut

493-hp twin-turbocharged V-12

acceleration to 100 km/h in 4.8 seconds¹

in virtually every way

A twin-turbocharged V-12. Nearly half a thousand horsepower. Nearly 600 lb-ft of torque. Zero to 100 km/h in a mere 4.8 seconds!¹ Finally, a luxury sedan with credentials as impressive as your own. But your abilities are not one-dimensional, and neither are the S 600's. Active Body Control (ABC) – the only true active suspension available – provides an incredibly smooth, serene ride, yet instantly responds to give you sports-car handling and control. A driver-adaptive 5-speed automatic transmission with Touch Shift adjusts to your style of driving or offers manual-style control, for custom-tailored performance. For those in the know, 18" forged-alloy wheels make a subtle statement of your capabilities. And there's no better place to enjoy this world-class performance than a cabin resplendent in hand-polished wood, hand-fitted Exclusive Nappa leather, and standard amenities, from a portable phone to 4-zone climate control.



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.



S600 Long-Wheelbase Sedan shown with optional Distronic cruise control.



Indulge

The exclusive interior of an S600 offers an invitation you might find impossible to resist. With hand-fitted Nappa leather on the seats, dash, console, armrests and rear shelf, you're immersed in hushed, soft elegance. Its appearance is stunning: Hand-polished

and hand-fitted burl walnut is applied liberally throughout the interior, even to the rear vanity mirrors overhead. Soft suede-like Alcantara trim graces the pillars, visors and ceiling. Unmatched comfort is delivered by Active Ventilated front seats, whose eight tiny internal fans circulate air through perforations in the upholstery. You're further pampered by dynamic multicontour front seatbacks that pneumatically adjust to your optimum level of support, and can even soothe with a relaxing massage.

Those in back enjoy five-star accommodations as well, including heated and power-adjustable seats with pneumatic lumbar support for both outboard passengers. All aboard can appreciate 4-zone climate control that allows individualized comfort whether you're sitting in front or back, left or right. And with the S600's charismatic personality, it's comforting to know you have our Parktronic parking assistance system to alert you to nearby obstacles. With luxury like this, the S600 is an event that can't be missed. But there's no need to RSVP—we'll hold the best seats for you.

Revel in audiophile-quality sound with the new 12-speaker surround sound system featuring Bose® Cabin Surround™ multi-channel architecture for a 360° sound field—made all the more enjoyable by AudioPilot™ technology that seamlessly compensates for unwanted noise with no perceivable change in volume. Bose Centerpoint™ signal processing delivers 5-channel surround sound, even from conventional CDs.

You can be your own personal program director with the 6-disc CD changer, or use the standard V60i™ digital phone's innovative voice control system to dial a phone number or adjust the sound system simply by speaking. With a system this advanced, you might want to give it a standing ovation. Or perhaps you'd prefer to just sit and listen to the lyrical qualities of the twin-turbocharged V-12.

S 55 AMG Long-Wheelbase Sedan

looks from 18" double-spoke AMG wheels

Inspired

thrust delivered by a 493-hp supercharged V-8
stopping power from massive, multi-piston brakes

Can a 4-door sedan change your life? We'd like to argue that the S55 — brought to you by AMG, the high-performance division of Mercedes-Benz — just might. After you've rocketed 493 supercharged horsepower to 100 km/h in just 4.8 seconds,¹ you'll never think of power in the same way. Lift the hood on the S55 and look at the V-8 engine. It's signed by the one — and only — person who handcrafted it for you. It could redefine the term "personal service." Once you've ridden a massive 516 lb-ft wave of torque that comes on at a mere 2,750 rpm — you'll want to go back, again and again. Snap off shifts from the fingertip manual controls on the steering wheel while AMG's SpeedShift™ programming gives 35% faster gear changes. Feel the deep rumble of a dual sport exhaust. Glide by on

18" double-spoke AMG wheels in unmatched civility and refinement. Take it to your favourite challenging road and savour the Active Body Control system that's been programmed for high-performance driving. Enjoy the reassuring hug of the seat belts as perforated 360-mm front discs with AMG 8-piston calipers and 330-mm rear discs with 4-piston calipers haul you down with incredible stopping power. And when all is said and done, let your eyes linger on the AMG-design lower bodywork. If life is the sum of individual moments, consider that each one in an S55 is an unforgettable event by itself, and when combined, an unmatched driving experience.



S 55 AMG Long-Wheelbase Sedan shown with optional Keyless Go.



S55 AMG Long-Wheelbase Sedan shown with optional Distronic cruise control and Keyless Go.



Be here now

There might be no better place to live in the present than the S55 AMG interior. Striking an ideal balance between elegance and athleticism, it is a delightful environment for the enthusiastic driver, offering quiet, reserved luxury to all on board. While seducing you with glove-soft Nappa leather, Drive-Dynamic front seats help support you during spirited cornering. Take a hard left, the right bolster instantly inflates for increased support; a hard right will evoke a reassuring embrace from the left bolster. Active Ventilated front seats circulate air through the upholstery – especially thoughtful, since giving the spurs to 493 horsepower can be quite an invigorating experience. But it's one no true driving enthusiast would ever want to pass up.

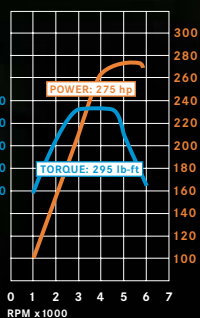
The S55 AMG's dedication to incomparable performance includes items that are exclusively its own. AMG badges on the contoured sport front seats are indicative of the attention to detail. A 320-km/h speedometer dominates exclusive AMG instrumentation¹. Buttons behind the upper steering-wheel spokes offer you fingertip manual control of upshifts and downshifts without ever taking your hands off the wheel.

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 Obey local speed laws. Top speed electronically limited to 250 km/h.

Power brokers

To get the jump on the competition, you need power and the ability to respond in an instant. To stay ahead of the pack, endurance and intelligence are key. At the heart of every S-Class, you'll find such prime motivators. From the satisfying whoosh of the S430 to the subtle growl of the S500, instantaneous V-8 power is yours for the asking. And with the relentless rush of the S600's twin-turbocharged V-12, your place at the top of the pecking order is assured. Each engine is a technological marvel. Features include a 3-valve-per-cylinder design for enhanced engine breathing. For precision performance, an integrated fuel injection and ignition system employs two high-energy ignition coils, two spark plugs, and individual fuel spray control for each cylinder. And to clearly communicate your orders to the engine room, an electronic throttle with adaptive accelerator provides quicker throttle response during more spirited driving.

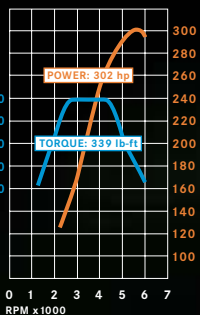
4.3-litre V-8



S 430 V-8 ENGINE

Ready to respond instantly at your behest, the S430's 4.3-litre V-8 delivers an impressive 275 horsepower at 5,750 rpm, and a seamless 295 lb-ft rush of torque starting at just 3,000 rpm. Smooth and clean, its 24-valve twin-spark-plug design also helps reduce emissions.

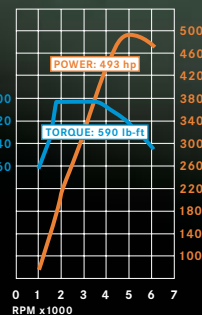
5.0-litre V-8



S 500 V-8 ENGINE

Offering ferocious performance while remaining civil and refined is no small feat, yet the 5.0-litre V-8 of the S500 does it with ease. With 302 peak horsepower at 5,600 rpm and 339 lb-ft of torque available to you from just 2,700 rpm, objects in your rearview mirror will appear smaller in short order.

5.5-litre twin-turbo V-12




S 600 TWIN-TURBO V-12 ENGINE

Everyone should experience a twin-turbo V-12 at least once in their life. With a turbine-smooth 493 horsepower at 5,000 rpm and a mountainous 590 lb-ft of torque at 1,800 rpm – that's barely off idle – performance is electrifying. The technology is staggering as well, with liquid-to-air intercoolers, alloy block, heads and pistons, even magnesium cylinder head covers. And with Mercedes quality and attention to detail, this could be the V-12 you'll want to keep for a lifetime.

MERCEDES-BENZ



A dramatic night scene featuring two Mercedes-Benz S-Class sedans. The primary focus is the front-left quarter of a silver S500, showing its iconic grille, headlights, and the Spirit of Mercedes hood ornament. In the background, another S-Class, identified as an S600 Long-Wheelbase, is driving away on a road that stretches into the distance under a dark sky with a bright light source. The overall mood is one of luxury and advanced technology.

virtually impervious to takeover attempts

MANAGEMENT DECISION

Harnessing the thoroughbred power of the S-Class is the industry's first 7-speed automatic transmission, helping to provide the perfect gear for every situation. (Standard on rear-wheel-drive S 430 and S 500, all other models are equipped with a 5-speed automatic transmission.) And every S-Class features a driver-adaptive automatic transmission so well-mannered, it adjusts to your driving style — upshifting earlier when your S-Class is driven gently, and holding out for higher rpm when driven more enthusiastically.

4MATIC | All-wheel drive

Adhesive

a question of balance

With 4MATIC, you get the outstanding control of all-wheel drive without sacrificing true sport-sedan driving enjoyment. The system is always engaged and always sending torque to every wheel. With 60 percent of the overall torque distributed to the rear wheels, the S-Class retains the crisp steering and balanced feel of a rear-wheel-drive vehicle, making it a joy to drive in any season. And 4MATIC works together with our standard corner-taming Electronic Stability Program (ESP), enhancing the all-wheel advantage through curves in rain, snow or even sun.

The S-Class is designed to effortlessly answer your every wish. The weather, however, is less inclined to take requests. With the S 430 and S 500 4MATIC™ models, you can enhance the confidence and security you'll find behind the wheel of every S-Class. A fully automatic, full-time all-wheel drive system, 4MATIC gives outstanding control in a variety of weather conditions—it even helps to

balance the power to each wheel when roads are dry and the sky is clear, for enhanced handling and maximum driving enjoyment. And the handsome 7-spoke alloy wheels unique to 4MATIC models—an added bonus. Let it rain, let it snow. With 4MATIC, your personal forecast will always be sunny.



S 430 4MATIC Long-Wheelbase Sedan.

an intelligent answer

To help make sure that driving power translates into enhanced control, 4MATIC incorporates our 4-wheel Electronic Traction System. 4-ETS monitors each wheel for the first sign of slippage, and can individually brake slipping wheels to maintain the balance of power, or reduce excess torque. By continuously ensuring that power goes to the wheels with grip, 4MATIC can even help get you going even if only one wheel has traction.¹



¹ No system, no matter how sophisticated, can repeal the laws of physics. Performance is limited by available traction, which snow, ice and other conditions can affect. Always drive carefully, consistent with conditions. Best performance in snow is obtained with winter tires.



a breath of fresh air

AIRMATIC AIR SUSPENSION

Standard on the S 430 and S 500, Airmatic uses electronically controlled air springs to maintain an ideally balanced ride. At higher speeds, the suspension automatically lowers the car, improving the aerodynamics and fuel efficiency. And automatic 4-wheel level control responds to cargo and passenger loads, a benefit you'll appreciate on your next airport run. Included with Airmatic, this advanced system senses changes in the road surface and instantly adjusts each wheel's suspension for exceptional cornering prowess and ride comfort. And to give you a custom-tailored driving experience, you can select from three damping profiles: a comfort mode and two sport modes.

exclusively your own

ACTIVE BODY CONTROL

The only true active suspension on the market, ABC allows you a driving experience you simply cannot find elsewhere. Standard on the S 55 AMG and S 600, and optional on the S 430 and S 500¹, ABC uses a system of sensors and electronically controlled high-pressure hydraulics to instantly counteract the forces of vibration, pitch, dive, squat and roll. Self-levelling ABC even lets you raise the ride height for added clearance on rutted roads or in deep snow.

1 Rear-wheel-drive S 430 and S 500 models only.

Confidence

Consider the daunting task of engineering the suspension for the S-Class. This is the premier luxury sedan, so a smooth, controlled ride with unflappable composure is expected. But this is also a benchmark performance sedan, and that means that nothing less than responsive handling, tenacious grip, and the ability to communicate the nuances of the road to the driver will do. Meeting both of these needs are two advanced systems employing leading-edge technology that is extremely effective and yet seamlessly transparent. In fact, you might only notice its uncanny ability to handle every driving situation with exceptional poise.

4-wheel independence

MULTILINK SUSPENSION

To provide the ideal balance of responsive handling and refined road manners, every rear-wheel-drive S-Class employs a 4-link independent front suspension with antidive geometry for exceptional balance, even under severe braking. 4MATIC models feature a front double wishbone design to accommodate the additional drivetrain components. At the rear of every S-Class, a refined independent 5-arm multilink suspension offers legendary precision and control.



appropriate behaviour

- **ELECTRONIC STABILITY PROGRAM (ESP)**
- So advanced, ESP remains a benchmark for vehicle control nearly a decade after it was introduced by Mercedes. To help eliminate plowing or fishtailing in a turn, ESP responds to keep you on course. Sensors
- monitor your braking and steering input and, upon detecting deviation
- from your intended path, ESP corrects for oversteer and understeer
- by applying individual brakes and/or reducing excess engine power.¹

Well-mannered

Every S-Class is a delight to drive. Along with powerful engines and responsive suspensions are a host of technologies designed to increase your driving enjoyment by giving you outstanding control – not only when challenging your favourite road, but especially at times when that extra measure of ability is critical. Whether you're making an evasive manoeuvre, negotiating slick conditions or requiring maximum braking performance, you'll find the S-Class confident, assured and remarkably secure.



S500 Long-Wheelbase Sedan.

braking habits ●●●●●●●●

ABS, BRAKE ASSIST AND RACING-INSPIRED STOPPING POWER

The S-Class features massive 4-wheel ventilated disc brakes that include perforated front discs with calipers by Brembo – the most famous braking name in motorsports – to give you superlative, fade-resistant stopping power. Combined with 4-channel ABS, it's a perfect platform for Brake Assist, one of the most innovative technologies ever developed for braking systems. Mercedes-Benz research has shown that drivers tend not to brake hard enough, soon enough, in an emergency. To help overcome this tendency, our engineers developed Brake Assist. Upon sensing panic stopping based on the speed at which you depress the brake pedal, Brake Assist automatically applies all available power braking boost immediately. By eliminating the delay caused by human nature, Brake Assist can potentially reduce your overall stopping distance when it matters most.²

self-control ●●●●●●●●

ACCELERATION SLIP CONTROL

ESP incorporates Acceleration Slip Control, which counteracts drive-wheel slip under acceleration in low-traction conditions such as rain, snow or loose surfaces. If the system senses wheelspin, it brakes the slipping wheel to balance power to the wheel with grip, or reduces excess torque, to help you maintain control!

¹ No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Please always wear your seat belt. ² Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

PRE-SAFE

When it looks like an accident is unavoidable, it would be great to be able to turn back the clock and be somewhere else. And even though the S-Class can do some amazing things, we haven't figured out how to do that—yet. Until we do, we're proud to offer PRE-SAFE®—a revolution in automotive safety. And while it can't turn back time, it can make incredibly good use of the precious moments before a possible collision. PRE-SAFE uses two of the accident-avoidance systems already in every S-Class—Brake Assist and our Electronic Stability Program. If ESP or Brake Assist are activated but, according to system sensors, are not correcting a situation, PRE-SAFE takes action to protect you before a possible collision occurs. Electric tensioners instantly snug up the front seat belts. PRE-SAFE positions the front passenger's seat (and power rear seats, if so equipped) into a more favourable position for air-bag and seat-belt effectiveness. And should severe skidding motion predict that a rollover is likely, PRE-SAFE closes the sunroof. If there is no accident, all the better. The seat belt tensioners reverse. You readjust your seats. Open the sunroof. Take a breath. And be thankful that time—and PRE-SAFE—were on your side.

- Driver sees hazardous situation.
- Driver brakes quickly and/or attempts evasive manoeuvre.
 - Brake Assist and/or ESP react to driver's inputs.
 - PRE-SAFE senses that situation exceeds corrective capabilities of Brake Assist and ESP.
 - Driver's and front passenger's seat belts are electrically tensioned to remove slack.
 - Front passenger's seat detected to be in unfavourable position. PRE-SAFE moves seat rearward, tilts cushion down at rear, and moves seatback more upright.
 - Optional power rear seats are also adjusted to more favourable position.
 - Severe skidding motion suggests possible rollover: PRE-SAFE closes sunroof.
 - Collision narrowly averted.
 - PRE-SAFE reverses front seat-belt tensioners.
 - Occupants adjust seats to previous settings.
 - Driver opens sunroof. Birds chirp. All is well.



Stressed for success. The structural formula for the S-Class starts with an impressive list of individual ingredients: high-strength/low-alloy steel in critical areas, roof pillars employing three layers of steel, and an ellipsoidal front bulkhead that helps distribute impact energy around the cabin. Add in legendary Mercedes-Benz engineering expertise, and the result is an integrated vehicle structure that gives every S-Class unparalleled safety and security, as well as precise handling and a quiet, controlled ride.



a heritage of innovation



wherever you go



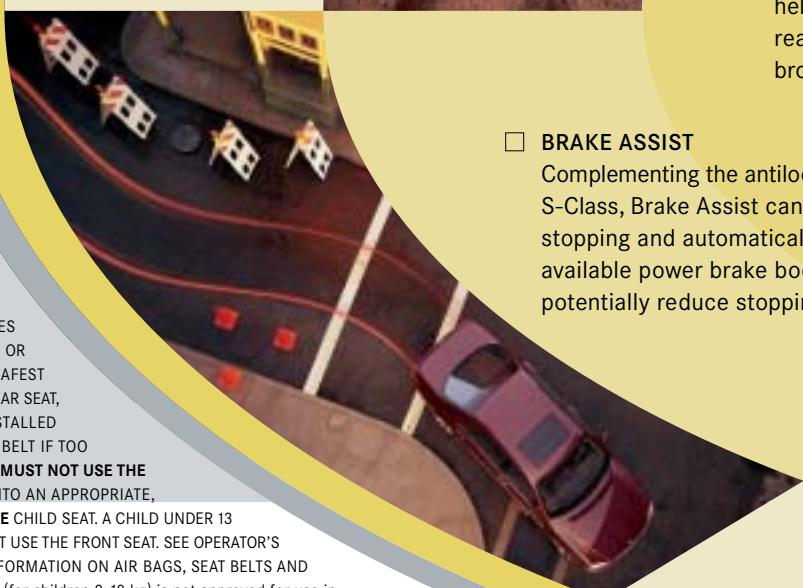
- WOOD TRIM LAMINATED WITH ALUMINIUM**
Nothing escapes our quest for safety. Even the wood trim is laminated with a layer of aluminium in critical areas to help prevent splintering in an impact.



- EIGHT STANDARD AIR BAGS**
Offering 10-way protection is a system of dual-stage front air bags, side-impact air bags in all four doors, and innovative Head Protection Curtains that help to protect the front and rear outboard occupants from broken glass and head injuries.²



- BRAKE ASSIST**
Complementing the antilock brakes in your S-Class, Brake Assist can sense panic stopping and automatically apply all available power brake boost instantly to potentially reduce stopping distances.¹



- ROLLOVER SENSOR**
If your S-Class senses a rollover, it will automatically deploy the seat-belt Emergency Tensioning Devices (ETDs) to help hold the occupants in place, and if deemed necessary, inflate the Head Protection Curtains.



¹ Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions. **2 WARNING: THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY 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. A CHILD UNDER 13 MUST NOT USE THE FRONT SEAT UNLESS THE CHILD IS BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED BABYSMART-COMPATIBLE CHILD SEAT. A CHILD UNDER 13 WHO IS TOO LARGE FOR A CHILD SEAT MUST NOT USE THE FRONT SEAT. SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS.** At time of press, the toddler seat (for children 9-18 kg) is not approved for use in Canada. ³ No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Please always wear your seat belt.

A sense of security

surrounds you

□ ELECTRONIC STABILITY PROGRAM (ESP)

In corners, ESP helps to correct oversteer (fishtailing) or understeer (plowing) by selectively applying the brakes to one or more wheels and/or by reducing excess engine power.³

At Mercedes-Benz, we take an integrated approach to safety engineering, reflecting a desire to build vehicles that optimize both the driver's ability to avoid an accident and the car's potential for protecting all occupants should an impact occur. A robust structure and advanced safety technologies allowed the S-Class to pass our rigorous battery of no fewer than 28 different crash tests – more than any single government currently requires. Standard safety features, including our Electronic Stability Program (ESP), ASR traction control and emergency-sensing Brake Assist can be appreciated every day. Others – including a comprehensive system of air bags, seat-belt Emergency Tensioning Devices and belt force limiters – you may never experience. But in any case, you can rest assured knowing that these sentinels of safety will be on guard for you.

□ EMERGENCY TENSIONING DEVICES AND BELT FORCE LIMITERS

All four outboard seat belts feature Emergency Tensioning Devices (ETDs), which help remove seat-belt slack in a sufficiently severe front or rear impact, and belt force limiters, which help reduce the peak deceleration forces on belted occupants.



□ TRACTION CONTROL

Acceleration Slip Control helps limit wheelspin during hard acceleration or on slippery road surfaces.³

□ BODY STRUCTURE

The body, floorpan, doors and door sills in every S-Class are part of an integrated safety system that provides formidable protection against side impacts. The S-Class also features an ellipsoidal front bulkhead to help channel some impact energy under, over and around the passenger cabin.

Leadership. When you look at the history of the automobile, one thing becomes immediately clear – if you want to be at the leading edge of safety engineering, you need to be in a Mercedes-Benz.

We patented the crumple zone in 1951 and the collapsible steering column in 1963. In 1970, we pioneered ABS, followed by a patent for the air bag in 1971.

You'll also find that Mercedes introduced the Electronic Stability Program in 1995 and emergency-sensing Brake Assist in 1996. And the first child-seat recognition/air-bag deactivation system was offered by Mercedes in 1997. In 2002, we introduced PRE-SAFE® – the next step into the future of automotive safety.

So, while we can't tell you what the next big advancement in safety engineering will be, we've got a pretty good idea where it will come from.

only a Mercedes can provide





S-Class | AMG Sport Package

Presence

The S-Class AMG Sport Package option makes its driving intentions known in subtle yet highly effective ways. Available on the S 430, S 500 and S 600 Sedans, it starts with an aggressive AMG-design front dam, employing mesh air intakes for enhanced engine and brake cooling. Sculpted side sills wrap around to the styled rear apron to help you slice through the wind. Giving a most roadworthy stance, massive staggered-width 18" AMG monoblock wheels are dressed in 245/45 ZR18 front and 265/40 ZR18 rear high-performance tires¹ for enhanced response, grip and stability. The result is a perfect partner for the S-Class: a particularly assertive look that catches the eye, yet never screams for attention.

1 Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires. Models equipped with 4MATIC™ all-wheel drive include equal-size front and rear wheels and 245/45 ZR18 tires.



S 500 Long-Wheelbase Sedan shown with optional Keyless Go and AMG Sport Package.



designo

Escape conformity in your own individual expression of luxury. Our *designo* palette of fine-grade leathers, hand-selected woods, exquisite interiors and exotic exterior colours lets you turn your own personal vision into reality. It begins with an already stunning canvas—the elegantly refined S-Class. Choose from an extensive array of handsome exterior paint colours. Inside, there's the rich look and feel of buttery-soft hand-fitted Nappa leather—covering the dash, doors and console—and lustrous *designo* wood trim that's shaped and finished by hand. Select whichever *designo* leather, wood and paint you wish—each element is brought together under the expert eye and skilled hand of a master craftsman—to create an S-Class that is truly a reflection of you.

Exclusive
Expressive
Exquisite



Customer care

This is a page full of ownership benefits that accompany your Mercedes-Benz. A page no other carmaker can duplicate. For every benefit you see here, we've got experienced and knowledgeable people to support you. And driving a Mercedes keeps all of this as close as your local dealer and as convenient as a phone call to 1-800-387-0100.

24-HOUR ROADSIDE ASSISTANCE

During the basic warranty coverage of 48 months and the time duration of the optional Extended Limited Warranty, Mercedes-Benz Roadside Assistance will be at your service. We'll bring you some gas, replace a flat tire with your spare, or jump-start your car. In the event of a mechanical breakdown, if attempts by our Roadside Assistance technician have not made your vehicle safely operable, towing service will be provided to the nearest Mercedes-Benz dealership. Assistance is available 24 hours a day, every day, to anyone driving a Mercedes-Benz anywhere in Canada or the continental U.S.¹

CUSTOMER SERVICE

Owning a Mercedes-Benz means that when you have a question, we're here to help. Our Customer Service Centre is open 9 a.m. to 5 p.m. EST, Monday through Friday, and is staffed with knowledgeable Mercedes-Benz people who can talk you through the finer points of working your car's audio system – or even assist you in locating the nearest Mercedes-Benz dealership. Just call 1-800-387-0100. It's that simple.

GENUINE MERCEDES-BENZ PARTS

Your dealer has access to a vast inventory of parts for both new and vintage Mercedes-Benz vehicles. And we've made a nationwide effort to encourage our dealers to keep parts and labour prices competitive with those of independent garages.

MERCEDES-BENZ WARRANTIES

The Mercedes-Benz New Car Limited Warranty covers defects in materials or workmanship for 48 months or 80,000 km, whichever occurs first. Major components such as the engine, transmission, drivetrain, fuel and cooling systems, steering and brakes are covered for 5 years or 120,000 km. To widen your window of confidence, you can opt for a Mercedes-Benz Extended Limited Warranty as well.²

TRIP INTERRUPTION REIMBURSEMENT

If a breakdown covered by your New Car Limited Warranty occurs more than 80 km from your home, leaves your Mercedes-Benz vehicle inoperable or unsafe to drive, and requires overnight repairs, we've got you covered. You will be reimbursed up to \$500 for hotel accommodations and up to \$600 for alternate travel expenses per incident while your car is being repaired at an authorized Mercedes-Benz dealership.

WEAR AND TEAR COVERAGE

For 24 months or 40,000 km (whichever comes first) many items normally considered "wear and tear," such as light bulbs, wiper blade refills, and brake pads and discs, are covered. If necessary, an authorized Mercedes dealer will replace these parts at no charge to you.

TIME FOR BASIC MAINTENANCE? ASK YOUR MERCEDES.

No two drivers are the same. That's why the Flexible Service System in your Mercedes monitors certain indicators of oil condition, engine loads, rpm, operating temperatures and your driving habits to determine when basic maintenance is really necessary.³ Then a display on the dash reminds you to contact your Mercedes-Benz dealer for an appointment. So you can spend less time servicing your Mercedes and more time enjoying your life.

ALTERNATE TRANSPORTATION

Your life doesn't have to get put on hold just because it's time for service or maintenance on your car. That's why your Mercedes-Benz dealer always endeavours to provide you with alternate transportation when you drop off your vehicle for service.⁴

¹ Vehicle must be accessible from main roads. Emergency Roadside Assistance may involve charges for parts, service and towing. Depending on the circumstances, assistance may come from an outside service provider, courtesy of Mercedes-Benz Emergency Roadside Assistance. For full details of Emergency Roadside Assistance and Trip Interruption coverage, please see your dealer. ² Please see your dealer for warranty details as well as for terms, conditions and pricing for extended warranty options. ³ Maintenance items are identified in the Service Booklet for each model. Driver is responsible for monitoring fluid levels and tire pressures between service visits. Limitations apply. ⁴ Certain restrictions may apply. Terms, conditions and dealer participation may vary. ⁵ First year's monitoring included at no cost with subscription. Subscription is required for service to be active. Tele Aid operates only where cellular and Global Positioning System coverage are available.

Enlightened in-car communications



Tele Aid puts three buttons in your S-Class that can give you a direct connection with Mercedes-Benz support and people who specialize in knowing the right answers and knowing what to do when it comes to helping preserve your schedule, your sanity, and maybe even your safety.⁹

i-BUTTON

The Tele Aid *i*-button lets you talk directly to our Customer Service Centre, where trained Mercedes-Benz representatives can answer questions you may have about your vehicle. Everything from “How do I replace the battery in my remote key?” to “Where’s the nearest dealer?” Just press the button and we’ll be there to help out.



SOS BUTTON

Whether you need emergency assistance or see someone who does, push the Tele Aid SOS button. In a matter of moments, you’ll be in touch with emergency response personnel who’ll already know the location of your S-Class and can summon police, paramedics or other assistance to you. And if an air bag or seat-belt Emergency Tensioning Device deploys, the Tele Aid system will call for emergency help automatically, even if you can’t push the button.



WRENCH BUTTON

You’re miles from nowhere and you have a flat, run out of fuel or see a warning lamp. The wrench button gives you a one-touch voice link to Mercedes-Benz Roadside Assistance. Tele Aid can automatically tell us the model and location of your S-Class. Our staff will talk you through the trouble or, if necessary, dispatch a Roadside Assistance vehicle to your precise location!



OUR WORLD – AT YOUR FINGERTIPS

Still looking for more Mercedes information? Visit mercedes-benz.ca to open an online window to Mercedes-Benz and our vehicles. Here, you can get information about any Mercedes, download eBrochures or take a look at financing and leasing options. Our website also offers details about European Delivery, the Mercedes-Benz Extended Limited Warranty, upcoming product information, Mercedes-Benz Customer Care, Service First and more – including the history of Mercedes-Benz. There’s a world of information, but only one address to remember: mercedes-benz.ca.

mercedes-benz.ca



S-Class specifications

ENGINE	S 430 SEDANS AND S 430 LONG-WHEELBASE SEDANS	S 500 LONG-WHEELBASE SEDANS	S 55 AMG LONG-WHEELBASE SEDAN	S 600 LONG-WHEELBASE SEDAN
Engine	SOHC 24-valve 90° V-8. High-pressure die-cast alloy cylinder block. Alloy heads.	SOHC 24-valve 90° V-8. High-pressure die-cast alloy cylinder block. Alloy heads.	AMG-built intercooled supercharged SOHC 24-valve 90° V-8. High-pressure die-cast alloy cylinder block. Reinforced crankshaft and valvetrain. Alloy heads. Lightweight camshafts.	Intercooled twin-turbocharged SOHC 36-valve 60° V-12. Two-piece high-pressure die-cast alloy cylinder block. Alloy heads and pistons. Die-cast magnesium cylinder head covers.
Displacement	4,266 cc	4,966 cc	5,439 cc	5,513 cc
Net power	275 hp @ 5,750 rpm	302 hp @ 5,600 rpm	493 hp @ 6,100 rpm	493 hp @ 5,000 rpm
Net torque	295 lb-ft @ 3,000–4,400 rpm	339 lb-ft @ 2,700–4,250 rpm	516 lb-ft @ 2,750–4,000 rpm	590 lb-ft @ 1,800–3,500 rpm
Compression ratio	10.0:1	10.0:1	9.0:1	9.0:1
Fuel requirement	Premium unleaded, 91 pump octane.	Premium unleaded, 91 pump octane.	Premium unleaded, 91 pump octane.	Premium unleaded, 91 pump octane.
Fuel and ignition system	ME 2.8 engine management. Integrated sequential multipoint fuel injection and phased twin-spark ignition includes individual cylinder control of fuel spray, spark timing and phase, and antiknock. Electronic throttle includes adaptive accelerator , which provides more rapid throttle opening in response to the speed at which accelerator pedal is depressed. Two high-energy ignition coils and two spark plugs per cylinder, with 160,000-km spark plug intervals (96,000 km on S600).	ME 2.8 engine management.	ME 2.8 engine management.	ME 2.7.1 engine management.
Intake system	Magnesium 2-stage resonance intake manifold increases intake runner length at lower rpm for improved response.		Helical high-pressure supercharger with liquid-to-air intercooler.	Twin turbochargers (one per cylinder bank, integrated in exhaust manifolds) with liquid-to-air intercoolers.
DRIVETRAIN				
Transmission type	S 430 and S 500 Sedans: Driver-adaptive electronic 7-speed automatic. S 430 4MATIC and S 500 4MATIC Sedans: Driver-adaptive electronic 5-speed automatic.		AMG-enhanced driver-adaptive electronic 5-speed automatic.	Driver-adaptive electronic 5-speed automatic.
Touch Shift control	Touch Shift allows driver to manually downshift and allow upshifts by nudging the shift lever left or right from the Drive position.			
Shift into Optimum Gear	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.			
Comfort mode	Driver-selectable comfort mode starts vehicle moving in 2nd gear or a second Reverse gear, and upshifts at lower rpm, to help improve control on slippery surfaces.			
AMG SpeedShift	Not available.	Not available.	Standard.	Not available.
	AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, prevents unwanted upshifting while cornering, offers one-touch selection of the best gear for maximum acceleration (Shift into Optimum Gear), and features torque converter lockup in all forward gears.			
Fingertip manual mode	Not available.	Not available.	Standard.	Not available.
	Fingertip manual mode allows direct-access shifting through forward gears via buttons on back of upper steering-wheel spokes or via Touch Shift feature of shift lever, and will automatically intervene only to induce an upshift at redline, to downshift as needed upon full throttle, and to select 1st gear when the vehicle stops. In standard and comfort modes, the steering-wheel buttons operate the Touch Shift feature.			
Display	Instrument-cluster readout of selected gear range and standard/comfort mode.		Instrument-cluster readout of selected gear range and standard/comfort/manual mode.	Instrument-cluster readout of selected gear range and standard/comfort mode.
Drive configuration	S 430 Sedans: Rear-wheel drive. S 430 4MATIC Sedans: 4MATIC all-wheel drive.	S 500 Sedan: Rear-wheel drive. S 500 4MATIC Sedan: 4MATIC all-wheel drive.	Rear-wheel drive.	Rear-wheel drive.
Rear axle ratio	S 430 Sedans: 2.82:1 S 430 4MATIC Sedans: 3.08:1	S 500 Sedan: 2.82:1 S 500 4MATIC Sedan: 3.08:1	2.65:1	2.65:1
TRACTION AND STABILITY				
Electronic Stability Program (ESP) and Acceleration Slip Control	Standard. ESP 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. ESP then brakes individual front or rear wheels and/or reduces excess engine power as needed to help correct understeer (plowing) or oversteer (fishtailing). ESP incorporates the functions of Acceleration Slip Control, which senses drive-wheel slip and individually brakes the slipping wheel or wheels, and/or reduces excess engine power, until control is regained. ¹	Standard.	Standard.	Standard.
4MATIC™ all-wheel drive with 4-wheel Electronic Traction System (4-ETS)	Standard on S 430 4MATIC Sedans. 4MATIC features a permanent 40/60 front/rear torque split maintained via a planetary centre differential. 4-ETS monitors the speed of all four wheels to detect wheel slip, then applies individual brakes as needed to provide the effect of locking the front, rear and/or centre differentials, and/or reduces excess engine power. 4-ETS continually balances the torque split to ensure that power is permitted to flow to the wheel(s) with traction. 4MATIC also incorporates the functions of ESP and Acceleration Slip Control. ¹	Standard on S 500 4MATIC Sedans.	Not available.	Not available.
PERFORMANCE				
Acceleration, 0–100 km/h²	S 430 Sedans: 7.1 seconds S 430 4MATIC Sedans: 7.4 seconds	S 500 Sedan: 6.3 seconds S 500 4MATIC Sedan: 6.5 seconds	4.8 seconds	4.8 seconds
Fuel economy, city—highway estimate³	S 430 Sedan: 13.3–8.3 l/100 km S 430 4MATIC Sedan: 14.2–9.7 l/100 km S 430 LWB Sedan: 13.3–8.3 l/100 km S 430 4MATIC LWB Sedan: 14.2–9.7 l/100 km	S 500 Sedan: 14.7–9.1 l/100 km S 500 4MATIC Sedan: 15.0–10.0 l/100 km	16.6–10.3 l/100 km	18.9–11.6 l/100 km

1 No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Please always wear your seat belt.

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 2004 Natural Resources Canada *Fuel Consumption Guide* ratings. Ratings are submitted to Transport Canada by the vehicle manufacturer, who certifies that the tests and calculations were carried out according to approved Transport

Canada test methods. Transport Canada then verifies the accuracy of the data before the *Fuel Consumption Guide* is published. 4 Please obey local speed laws. 5 Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires. 6 Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

SUSPENSION AND STEERING	S 430 SEDANS AND S 430 LONG-WHEELBASE SEDANS	S 500 LONG-WHEELBASE SEDANS	S 55 AMG LONG-WHEELBASE SEDAN	S 600 LONG-WHEELBASE SEDAN
Front suspension	S 430 and S 500 Sedans: Independent 4-link with antidive geometry. S 430 4MATIC and S 500 4MATIC Sedans: Independent double wishbone with antidive geometry.		Independent 4-link .	Independent 4-link .
Rear suspension	Independent 5-arm multilink with antidive geometry.		Independent 5-arm multilink .	Independent 5-arm multilink .
Airmatic air suspension with Adaptive Damping System (ADS)	Standard. Electronically controlled pneumatic spring-struts integrate variable-rate shock absorbers and coil springs. Front and rear stabilizer bars. Adaptive Damping System (ADS II) continually optimizes ride and handling by automatically selecting one of four damping profiles for each spring-strut every time a wheel changes its direction of up-down travel. Dual driver-selectable sport modes engage firmer damping profiles either full-time or at lower thresholds of body movement. Automatic 4-wheel level control includes driver-selectable ride height. Automatic speed-sensitive lowering can reduce ride height by 10 mm at higher speeds. ⁴		Not available.	Not available.
Active Body Control (ABC)	Optional (replaces Airmatic and ADS, not available on 4MATIC models). 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. 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.		Standard.	Standard.
Steering	Rack-and-pinion with vehicle-speed-sensitive power assist and integrated hydraulic damper. Steering-wheel turns: 2.8 lock-to-lock.			
Turning circle	Sedans: 39.7 ft/12.1 m curb-to-curb LWB Sedans: 39.7 ft/12.1 m curb-to-curb	39.7 ft/12.1 m curb-to-curb	39.7 ft/12.1 m curb-to-curb	39.7 ft/12.1 m curb-to-curb

WHEELS AND TIRES

Wheels , aluminium-alloy, standard	S 430: 5-spoke design. 7.5J x 17 front and rear. S 430 4MATIC: 7-spoke design. 7.5J x 17 front and rear.	S 500: 5-spoke design. 7.5J x 17 front and rear. S 500 4MATIC: 7-spoke design. 7.5J x 17 front and rear.	Polished AMG double-spoke design. 8.5J x 18 front – 9.0J x 18 rear.	Highly polished forged 6-hole design. 8.0J x 18 front and rear.
with optional AMG Sport Package	S 430: AMG thin-spoke monoblock. 8.5J x 18 front – 9.0J x 18 rear. S 430 4MATIC: AMG thin-spoke monoblock. 8.5J x 18 front and rear.	S 500: AMG thin-spoke monoblock. 8.5J x 18 front – 9.0J x 18 rear. S 500 4MATIC: AMG thin-spoke monoblock. 8.5J x 18 front and rear.	Not available.	AMG thin-spoke monoblock. 8.5J x 18 front – 9.0J x 18 rear.
Tires , steel-belted radial, standard	225/55HR17 front and rear, all-season performance.	225/55HR17 front and rear, all-season performance.	245/45ZR18 front – 265/40ZR18 rear, high-performance. ⁵	245/45ZR18 front and rear, high-performance. ⁵
with optional AMG Sport Package	S 430: 245/45ZR18 front – 265/40ZR18 rear, high-performance. ⁵ S 430 4MATIC: 245/45ZR18 front and rear, high-performance. ⁵	S 500: 245/45ZR18 front – 265/40ZR18 rear, high-performance. ⁵ S 500 4MATIC: 245/45ZR18 front and rear, high-performance. ⁵	Not available.	245/45ZR18 front – 265/40ZR18 rear, high-performance. ⁵

BRAKES

Brake system	Dual-circuit power-assisted 4-wheel disc .	Dual-circuit power-assisted 4-wheel disc .	AMG-enhanced dual-circuit power-assisted 4-wheel disc .	Dual-circuit power-assisted 4-wheel disc .
Front discs/calipers	Perforated, internally ventilated/Brembo 4-piston fixed.	Perforated, internally ventilated/Brembo 4-piston fixed.	Perforated, internally ventilated/AMG 8-piston fixed.	Perforated, internally ventilated/Brembo 4-piston fixed.
Rear discs/calipers	Perforated, internally ventilated/dual-piston sliding.	Perforated, internally ventilated/dual-piston sliding.	Perforated, internally ventilated/AMG 4-piston fixed.	Perforated, internally ventilated/dual-piston sliding.
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.			
Brake Assist	Brake Assist 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 Brake Assist. ⁶			
Electronic Brake Force Distribution	Electronic Brake Force Distribution helps ensure proper brake proportioning for differing vehicle load and manoeuvring conditions, and promotes more even brake-pad wear by allowing for a greater rear-wheel contribution to straight-line braking compared to braking while cornering.			

EXTERIOR DIMENSIONS

	S 430 SEDANS	S 430 LWB SEDANS	S 500 LWB SEDANS	S 55 AMG LWB SEDAN	S 600 LWB SEDAN
Wheelbase	116.7 in/2,965 mm	121.5 in/3,085 mm	121.5 in/3,085 mm	121.5 in/3,085 mm	121.5 in/3,085 mm
Overall length	198.3 in/5,038 mm	203.1 in/5,158 mm	203.1 in/5,158 mm	203.1 in/5,158 mm	203.1 in/5,158 mm
Overall height	57.2 in/1,454 mm	57.2 in/1,454 mm	57.2 in/1,454 mm	57.2 in/1,454 mm	57.2 in/1,454 mm
Overall width	73.1 in/1,857 mm	73.1 in/1,857 mm	73.1 in/1,857 mm	73.1 in/1,857 mm	73.1 in/1,857 mm
Track , front and rear	62.0 in/1,574 mm	62.0 in/1,574 mm	62.0 in/1,574 mm	62.0 in/1,574 mm	62.0 in/1,574 mm
Coefficient of drag	0.27	0.27	0.27	0.27	0.27
Curb weight	S 430: 4,110 lb/1,865 kg S 430 4MATIC: 4,345 lb/1,970 kg	S 430: 4,160 lb/1,885 kg S 430 4MATIC: 4,390 lb/1,990 kg	S 500: 4,165 lb/1,890 kg S 500 4MATIC: 4,390 lb/1,990 kg	4,300 lb/1,950 kg	4,610 lb/2,090 kg

INTERIOR DIMENSIONS

Headroom , front	37.6 in/956 mm	37.6 in/956 mm	37.6 in/956 mm	37.6 in/956 mm	37.6 in/956 mm
Legroom , front	41.3 in/1,050 mm	41.3 in/1,050 mm	41.3 in/1,050 mm	41.3 in/1,050 mm	41.3 in/1,050 mm
Shoulder room , front	59.2 in/1,503 mm	59.2 in/1,503 mm	59.2 in/1,503 mm	59.2 in/1,503 mm	59.2 in/1,503 mm
Headroom , rear	37.6 in/956 mm	38.4 in/976 mm	38.4 in/976 mm	38.4 in/976 mm	38.4 in/976 mm
Legroom , rear	35.6 in/903 mm	40.3 in/1,023 mm	40.3 in/1,023 mm	40.3 in/1,023 mm	40.3 in/1,023 mm
Shoulder room , rear	58.3 in/1,480 mm	58.3 in/1,480 mm	58.3 in/1,480 mm	58.3 in/1,480 mm	58.3 in/1,480 mm
Cabin capacity	99.6 cu ft/2,821 litres	105.0 cu ft/2,973 litres	105.0 cu ft/2,973 litres	105.0 cu ft/2,973 litres	105.0 cu ft/2,973 litres
Trunk capacity	15.4 cu ft/436 litres	15.4 cu ft/436 litres	15.4 cu ft/436 litres	15.4 cu ft/436 litres	15.4 cu ft/436 litres

S-Class standard and optional equipment

S 430 SEDANS	S 430 LWB SEDANS	S 500 SEDANS	S 55 AMG SEDAN	S 600 SEDAN	
					EXTERIOR FEATURES
●	●	●	●	●	Power tilt/sliding tinted glass sunroof with one-touch express-open/close and memory.
○ ¹	○ ¹	○ ¹	●	○ ¹	AMG-design sculpted front air dam with mesh air intakes, side skirts and rear apron.
—	—	—	—	—	Dual chrome exhaust tips.
—	—	—	—	—	Four polished stainless-steel exhaust tips.
●	●	—	—	—	Variable-focus halogen headlamps with projector low beams and clear high-impact polycarbonate lenses.
○	○	●	●	●	Bi-Xenon High Intensity Discharge low-beam and high-beam headlamps with automatic level control, halogen auxiliary high beams, clear high-impact polycarbonate lenses, and heated headlamp washers.
●	●	●	●	●	Halogen front foglamps. Single red rear foglamp, integrated in left taillamp cluster.
●	●	●	●	●	Daytime Running Lamps illuminate low-beam headlamps at reduced intensity (full intensity for optional Bi-Xenon lamps) in daylight, with auto-on override in darkness.
●	●	●	●	●	Automatic lamp substitution uses a nearby lamp if a critical bulb fails.
●	●	●	●	●	Touch Turn Signals flash three times with one touch of turn-signal lever, for lane-changing. Auxiliary LED turn signal indicators are integrated with side mirror housings.
●	●	●	●	●	Dual power mirrors, linked to driver's seat memory and automatically heated. Auto-dimming left-side mirror.
●	●	●	●	●	Parking-assist right-side mirror can be programmed to tilt down upon shifting to Reverse.
●	●	●	●	●	Power fold-in for side mirrors. Driver-programmable automatic folding feature retracts side mirrors upon remote-locking of car, and folds mirrors out when car is unlocked and a front door is opened.
●	●	●	●	●	Electrically heated rear window with auto-shutoff based on time, driving speed and outside temperature.
●	●	●	●	●	Dual aero-blade windshield wipers. Heated washer system, including nozzles, lines and reservoir. Heated wiper parking position. Infrared rain sensor automatically adjusts intermittent wiper frequency from infinite delay to constant wiping, based on amount of rainfall measured on windshield.
●	●	●	●	●	Infrared-reflective glass helps reduce radiant heat penetration. Laminated side glass helps reduce UV penetration.
					LOCKING AND SECURITY
●	●	●	●	●	SmartKey remote central locking system uses redundant infrared and radio-frequency signals for improved range, and rolling-code signal for protection from transmitter cloning.
●	●	●	●	●	SmartKey uses an electronic code to unlock the gearshift and ignition. Removing SmartKey from ignition disables engine computer to help prevent unauthorized starting of the engine.
●	●	●	●	●	SmartKey remote control integrates door lock/unlock buttons, trunk opener with valet lockout, removable valet key and panic alarm. Driver may selectively unlock only the driver's door and fuel filler, or all doors plus the trunk and fuel filler.
●	●	●	●	●	SmartKey offers infrared-remote opening/closing of windows and sunroof, and can turn on Active Ventilated front seats, ² from outside the car.
●	●	●	●	●	Driver-programmable user-recognition feature links each SmartKey to driver's preferences (up to three individual users per car). Each SmartKey recalls memory features for driver's seat, all three rearview mirrors and power steering column position, plus various climate control settings, for its assigned driver.
●	●	●	●	●	Driver-programmable driveaway locking can automatically lock all the doors when the car reaches 15 km/h.
●	●	●	●	●	Night security illumination uses the car's exterior lights to help illuminate a path after parking. Driver-programmable intervals allow lights to stay on for 60, 45, 30 or 15 seconds, or not at all.
●	●	●	●	●	Locator lighting uses the car's lights to help light a return path when the car is remote-unlocked in darkness. Unlocking car activates illuminated entry system, which includes interior lighting, plus entrance lamps in all four doors and underneath outside mirrors.
●	●	●	●	●	Automatic antitheft alarm system with towaway protection, remote panic feature, and automatic notification via Tele Aid. ³
○	●	●	●	●	Pneumatic door and trunk closing assist.
●	●	●	●	●	Automatically extending and retracting trunk handle.
●	●	●	●	●	Emergency trunk release, located inside trunk and illuminated for 60 minutes after trunk lid is closed.
●	●	●	●	●	Integrated 3-button garage door control (integrated with inside rearview mirror), compatible with HomeLink [®] components and some other systems.

● STANDARD ○ OPTIONAL — NOT AVAILABLE

¹ Optional as part of AMG Sport Package. See listing at far right. ² When equipped with this option. ³ First year's monitoring included at no cost with subscription. Subscription is required for service to be active. Tele Aid operates only where cellular and Global Positioning System coverage are available. Owner must authorize stolen vehicle tracking and file a police report. ⁴ DVD-ROM maps do not cover all areas nor all routes within an area. One U.S./Canada DVD-ROM is included with vehicle. **5 WARNING: THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY 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**

S 430 SEDANS	S 430 LWB SEDANS	S 500 SEDANS	S 55 AMG SEDAN	S 600 SEDAN	
					INTERIOR FEATURES
●	●	●	●	●	Multifunction steering wheel provides convenient, additional controls for basic functions of audio system and phone, ² plus operation of multifunction display (see Instrumentation, at right).
—	—	—	●	—	Fingertip manual shift buttons behind steering-wheel spokes.
●	●	●	●	●	Power windows, all with one-touch express-up/down.
○	○	○	○	●	Power rear-window sunshade, with one-touch express-up/down.
●	●	●	●	●	4-way (tilt/telescoping) power steering column, position linked to driver's seat memory.
●	●	●	●	●	Driver-programmable easy-exit feature can move driver's seat rearward and/or raise steering column when SmartKey is removed from ignition.
●	●	●	●	●	Electronic cruise control with digital readout of selected speed in multifunction display upon engagement.
●	●	●	●	●	Auto-dimming rearview mirror.
●	●	●	●	●	Automatic low-intensity environmental comfort lighting of the centre console, door handles and footwells.
●	●	●	●	●	Dual xenon front reading lamps. Dual rear reading lamps.
●	●	●	●	●	Courtesy lamps with programmable fade-out time. Entrance lamps in all four doors.
●	●	●	●	●	Four illuminated vanity mirrors (in sun visors and in rear-cabin ceiling). Front mirrors include both magnifying and standard lenses.
●	●	●	●	●	Front centre armrest with two-level enclosed storage. Upper compartment includes dual cupholders. Lower compartment is illuminated and includes a climate-control air outlet. Parcel net in right front footwell.
●	●	●	●	●	Folding rear centre armrest with enclosed storage and retractable dual cupholders. Magazine pockets on both front seatbacks.
●	●	●	●	●	Illuminated, carpeted trunk with tie-down hooks.
					SEATING AND TRIM
●	●	●	●	●	14-way power front seats, each with pneumatically adjustable lumbar support and 3-position memory. Driver's seat memory includes steering column and outside mirror positions. Memory stations are linked to each SmartKey's user-recognition feature.
—	—	—	●	—	AMG-design sport front seats.
●	●	●	●	●	Heated front seats.
○	○	○	●	●	Active Ventilated front seats with 8 internal fans, plus heating feature.
○	○	○	—	●	Dynamic multicontour front seatbacks with pneumatically adjustable side and lumbar supports, and massage feature which slowly pulsates the central lumbar support to help reduce muscle fatigue.
○	○	○	●	○	Drive-Dynamic front seats, with pneumatic side bolsters that instantly respond to cornering forces by inflating and deflating to optimize cornering support, as well as all features of dynamic multicontour seatbacks.
○	○	○	●	●	Heated rear seats.
○	○	○	○	●	Power rear seats with pneumatically adjustable lumbar supports for outboard positions.
●	●	—	—	—	Premium leather upholstery hand-fitted to each seat, plus head restraints, seatback magazine pockets, centre armrests and door trim inserts.
○	○	●	—	—	Hand-fitted glove-soft Nappa leather seating surfaces. Premium leather on remainder of seats, as well as seatback magazine pockets, centre armrests and door trim inserts.
—	—	—	●	—	Hand-fitted AMG-design glove-soft Nappa leather seating surfaces with perforated inserts and metal AMG badges. Premium leather on remainder of seats, as well as seatback pockets, centre armrests and door inserts.
—	—	—	—	●	Exclusive leather interior treatment with glove-soft Nappa leather hand-fitted to seats, head restraints, dash, console, doors, armrests and rear shelf. Alcantara covering pillars, sun visors and ceiling.
●	●	—	—	—	Hand-polished Calyptus wood trim on dash, console, doors and shift gate, with polished chrome outlining.
—	—	●	—	—	Hand-polished burl walnut trim on dash, console, doors and shift gate, with polished chrome outlining.
●	●	—	—	—	Leather-trimmed steering wheel.
—	—	—	—	—	AMG-design leather-trimmed sport steering wheel with raised thumbgrips and fingertip shift controls.
—	—	○	—	—	Leather and wood trimmed steering wheel.
●	●	●	—	—	Leather-trimmed shift knob.
—	—	○	○	—	Leather and wood trimmed shift knob.
—	—	—	—	●	Wood-trimmed overhead console, overhead assist handles, rear vanity mirror covers and ashtrays, and cupholder cover in rear centre armrest.
●	●	●	●	●	Stainless-steel door sill trim (with AMG insignia on S55 AMG).

SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. **A CHILD UNDER 13 MUST NOT USE THE FRONT SEAT UNLESS THE CHILD IS BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED BABYSMART-COMPATIBLE CHILD SEAT.** A CHILD UNDER 13 WHO IS TOO LARGE FOR A CHILD SEAT MUST NOT USE THE FRONT SEAT. SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS. At time of press, the toddler seat (for children 9-18 kg) is not approved for use in Canada. ⁶ Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires.




Mercedes-Benz

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