



Mercedes-Benz 2005

## E-Class

E 320  
E 320 CDI  
E 500  
E 55 AMG

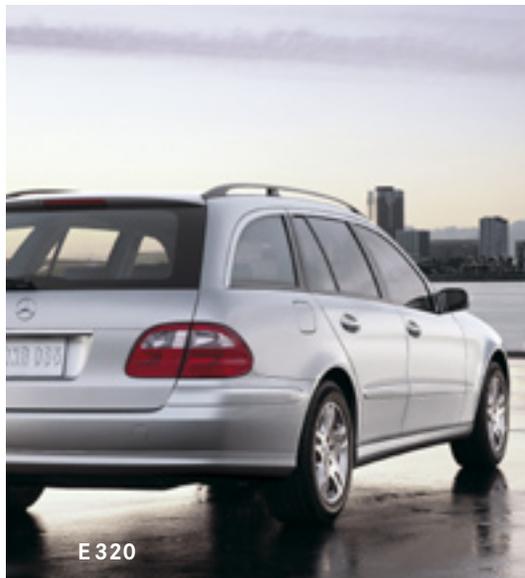


Mercedes-Benz



## Forget everything you know about driving

Do you believe that you have to choose between performance and luxury? Between beauty and practicality, or status and value? You don't. Because the 2005 E-Class proves that you can have everything you want while compromising on virtually nothing. It means you can be environmentally aware while still driving a luxury car. Drive an all-wheel-drive V-8 powered wagon that's as practical as it is potent. Cruise over 1,100 highway kilometres without having to stop for a fill-up! Or see the world through the windows of the quickest production sedan you can buy.<sup>2</sup> You'll also find exciting innovations, from the world's only electrohydraulic braking system to the industry's first 7-speed automatic transmission. And only a Mercedes-Benz can do all of this, because we not only created the first car 119 years ago, we've been building the newest, most advanced vehicles every year since. It all adds up to make the 2005 E-Class one of the most memorable cars you will ever drive. **Mercedes-Benz. You're ready.**



<sup>1</sup> E 320 CDI Sedan, based on highway fuel economy estimate of 5.9 l/100 km and 80-litre fuel tank. Your actual highway mileage will probably be less.  
<sup>2</sup> E 55 AMG, based on 0-100-km/h acceleration of 2004 production 4-door sedans. 2005 competitor information not available at time of publication.

Leader of the pack



What's required of a great leader? Vision. Innovation. And charisma doesn't hurt, either. With the E-Class Sedans you get all this and more. Mercedes-Benz invented the luxury sport sedan class nearly four decades ago, and continues the tradition of all-around performance today with the E-Class, featuring your choice of a silky 3.2-litre V-6 in the E 320, the powerful 302-hp V-8 in the E 500, or the new turbocharged diesel E 320 CDI, which combines massive thrust with minimal thirst. All enjoy the responsive handling and supple ride that only a true European sedan can provide, and with E-Class innovations like an advanced air bag system featuring an integrated rollover sensor, available 4MATIC™ all-wheel-drive models, available Airmatic Dual Control semi-active air suspension, and the E 500's 7-speed automatic transmission, you have a vehicle that all others can only follow.



**16" alloy wheels**

Subtle and elegant, the E 320 and E 320 CDI models are attired in 16" alloy wheels (shown at far left) featuring a dual-spoke design.

a.

**a.**

**17" alloy wheels**

E 500 models are dressed for business and pleasure, with 5-spoke 17" wheels wrapped in 245/45 R17 tires.



**b.**

**Bi-Xenon headlamps**

Standard on all E 500 models and optional on all E 320 models, these high-performance headlamps provide better vision on both high and low beam. They also incorporate dynamic level control to help cut glare, as well as heated high-pressure washers.



1 Standard on E 500 models, optional on E 320 models as part of Appearance Package, not available on E 320 CDI.

## A loyal following

Take the performance and luxury of an E-Class Sedan, add the versatility only a wagon can provide, top it off with the comforting control of 4MATIC™ all-wheel drive, and you're sure to win friends and influence people. Enjoy the quick responses of the E 320 4MATIC Wagon's 221-hp V-6, driver-adaptive 5-speed automatic transmission and self-levelling rear air suspension that helps manage varying loads. Or opt for the powerful 302-hp V-8 E 500 4MATIC Wagon with Airmatic Dual Control semi-active air suspension<sup>1</sup> that features two sport settings and 4-wheel level control. With their exceptional style and dynamic personalities, either of these E-Class wagons is sure to please the most discriminating driver and passengers.



**a.**  
**Aerodynamic design**

Form meets function with a standard rear-window spoiler that helps to manage airflow while giving the wagon's coupe-like roofline a stylish finishing touch.

**b.**  
**Aluminium roof rails**  
Integrated with the Wagon's sleek lines, protective-coated aluminium roof rails are designed to work perfectly with Mercedes-Benz accessory rack attachments to help you carry even more gear.

**Automatic rear-window wiper**  
In a Mercedes-Benz, virtually every detail is considered. For example, when the front wipers are on, shifting to Reverse automatically activates the E-Class Wagon's rear-window wiper.



<sup>1</sup> Airmatic optional on E 320 Wagon as part of Appearance Package, shown above.



E 500 4MATIC Wagon shown in Brilliant Silver metallic.

## First class

The roomy E-Class interior is a quick study in luxury, comfort and style. The core curriculum starts with highly supportive 10-way power front seats, featuring the uncommon touch of standard 3-stage heating. Hand-fitted premium leather upholstery (optional on the E 320 4MATIC Wagon) includes gathered door trim inserts and covered armrests, to surround you in supple luxury. Your fine art requirements are handled by hand-polished Burl Walnut wood trim enhanced with elegant chrome highlights encircling the gauges and switches. And with a variety of storage areas, including a pop-out drawer in the dash and a centre armrest featuring enclosed storage and dual cupholders,<sup>1</sup> your supplies will always be close at hand.

**a.**  
**harman/kardon sound system**

The optional harman/kardon<sup>®</sup> LOGIC7<sup>®</sup> digital sound system features 12 speakers, a 7.1-channel amplifier, and multichannel digital surround sound for CD playback.

**b.**  
**DVD-based satellite navigation**

The optional navigation system uses GPS satellites to determine the location of your car. Detailed driving instructions are provided through the COMAND system's large colour-LCD screen, via clear displays and crisp map readouts of Canada, the contiguous U.S. and Hawaii—all from a single DVD.<sup>2</sup>

**c.**  
**In-dash 6-disc CD changer**

Optional on every E-Class model, the single-feed 6-disc CD changer is neatly concealed behind a motorized, wood-trimmed door in the dash. It seamlessly integrates with the audio system via an innovative fibre-optic network and can be controlled via the multifunction steering wheel.

<sup>1</sup> Console and cupholder design subject to change during model year 2005 production. <sup>2</sup> 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. <sup>3</sup> When so equipped.





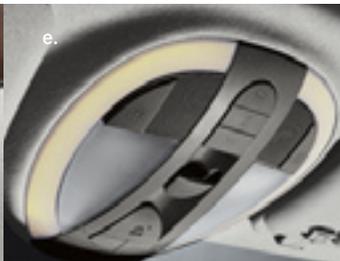
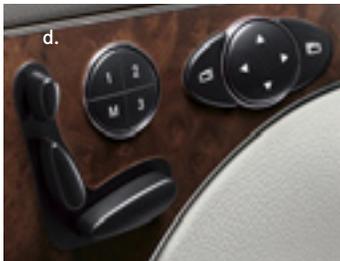
E500 Sedan shown in Stone with optional power rear-window sunshade, Active Ventilated front seats, Keyless Go, and wood and leather steering wheel!

**d. Heated 10-way power front seats**  
All E-Class models feature the comfort of heated 10-way power front seats with 3-position memory. The driver's seat memory includes steering column and outside mirror positions, so multiple drivers can each enjoy custom-fit comfort.

**e. Automatic ambient lighting**  
Soothing environmental lighting illuminates the centre console, door handles and footwells. The system activates automatically in response to ambient light, so you're never left in the dark, even when driving through tunnels.

**f. 4-zone digital climate control**  
Four individual digital temperature and airflow controls let everyone enjoy their own personal climate. The system is so intelligent it even uses the seat belt sensors to allow the system to concentrate on the occupied seats first.

**g. Multifunction display**  
Tap the steering wheel-mounted controls and you can view displays such as a trip computer and the outside temperature, program and operate vehicle settings, access your mobile phone book,<sup>3</sup> or simply adjust the audio system.





E 320 4MATIC Wagon shown in Black with optional power tailgate and Appearance Package.



a.

## First in space

While having plenty of cargo capacity is important in a wagon, it's just as vital that you can actually use it. That's why every E-Class Wagon is loaded with features that make it incredibly versatile. When you don't need 7-passenger capacity, the standard third-row seat folds easily to create a flat loading floor. Fold the 60/40-split second-row seats and the head restraints automatically retract as you create a cavernous carrying area. Open the tailgate and the power rear cargo cover glides up and out of your way for easy access. And when you want to bring your four-legged best friend along, a retractable vertical partition net can divide the cargo and passenger compartments. For even more room in back, the net can go floor-to-ceiling behind the first row of seats when the second row is folded down. Best of all, this flexibility doesn't come at the expense of luxury or performance. In fact, for those who crave power along with payload, the E 500 4MATIC™ is the only V-8 powered luxury wagon on the market.



b.



c.



**a. Optional power tailgate**

This thoughtful option lets you open the tailgate with the touch of a button on the driver's door or SmartKey. Another button located on the underside of the tailgate motors the tailgate fully closed.

**b. Standard third-row seat**

Every E-Class Wagon enjoys 7-passenger capacity, thanks to the only standard third-row seat in its class. Each seating position features a standard head restraint and 3-point seat belt, and when not in use, the third-row seat quickly and easily folds to create a flat cargo floor.

**c. 4-zone digital climate control**

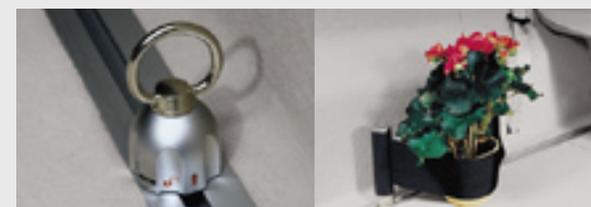
The standard 4-zone climate control features vents in the B-pillars plus dual temperature and airflow controls for second-row passengers. Proof that you don't have to ride in front to get first-class accommodations.

The E-Class Wagons are masters of flexibility. The combination of a flat-folding third-row seat and a 60/40-split second-row seat lets you choose 7-passenger seating capacity, 1,950 litres of maximum cargo space, or just about anything in between.



The E-Class Wagon's optional power-sliding cargo floor offers convenience you won't find in any other wagon. Press a button on the tailgate and the cargo floor rises and glides rearward, making it easier to load and unload your gear.

Our optional cargo organizer system adds even more versatility. Four anchors slide along aluminium runners and accept clever attachments such as tie-down rings, a retractable strap that snugs up around items of varying sizes, and telescoping crossbars (not shown) that can extend across the cargo floor at any point.





## More firsts – fewer seconds

If you're looking for the leader in performance, you can start and stop with the quickest production sedan you can buy.<sup>1</sup> Created by AMG, the high-performance division of Mercedes-Benz, the E 55 AMG reaches 100 km/h in an unmatched 4.7 seconds,<sup>2</sup> thanks to a handcrafted 5,439-cc V-8 that pumps out a heart-pounding 469 hp and 516 lb-ft of supercharged torque. Equally responsive is a 5-speed automatic transmission with AMG SpeedShift™ programming, featuring manual-mode shifting via steering wheel-mounted fingertip controls. To help it stop as well as it goes, the braking system has been recalibrated by AMG, and features massive 8-piston front calipers gripping 360-mm perforated discs. And with three driver-adjustable modes, our adaptive damping Airmatic Dual Control semi-active air suspension lets you dial up the ideal blend of handling and ride. No wonder *Road & Track* wrote that “technology, torque, luxury and true supercar performance make the E 55 AMG the new king of high-performance sedans...”<sup>3</sup>

1 Based on 0–100-km/h acceleration of 2004 production 4-door sedans. 2005 competitor information not available at the time of publication. 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 *Road & Track*, 6/03. 4 AMG 18" wheels and accompanying high-speed-rated tires provide substantially increased treadwear and reduced ride comfort compared to H-rated tires. 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.



E 55 AMG Sport Sedan shown in Brilliant Silver metallic.

**a.**  
**AMG-design bodywork and wheels**  
With 469 hp under the hood, it's difficult not to show a little muscle. Sports attire for the E 55 AMG includes AMG-design front and rear aprons, chiselled side sills, and staggered-width tires on aggressive 18" wheels.<sup>4</sup>

**b.**  
**Dual exhaust system**  
A low-backpressure dual exhaust gives the free-revving E 55 AMG a decidedly throaty growl under acceleration, yet remains quiet and composed at cruising speeds. Four stainless-steel tips ensure that the system looks as good as it sounds.

**c.**  
**Tested to extremes**  
AMG components are tested under brutal conditions, from our labs to the most demanding race circuits in the world. It's more than just an uncompromising way to build a performance car—it's the only way for the passionate engineers of AMG.





E55 AMG Sport Sedan shown in Charcoal/Dark Blue with optional Keyless Go.

## Takes a back seat to no one

When you're driving the quickest 4-door sedan on the market, you need a command post that can support your mission. Heated sport front seats embrace you with comfort and style, with Charcoal AMG-design leather seat bolsters and soft, sanded nubuck leather inserts in your choice of matching Charcoal, deep Merlot Red, or rich Dark Blue. Each multicontour front seat also features pneumatically adjustable lumbar and thigh supports for lasting comfort. For a truly bracing experience, optional Drive-Dynamic front seats can automatically inflate and deflate the left and right bolsters to provide additional side support during hard cornering. Add in the beauty of hand-polished Black Birdseye Maple wood and the softness of Alcantara trim on the ceiling and pillars, and you'll find that the quickest sedan you can buy is also the one you'll want to spend the most time driving.

Console and cupholder design subject to change during model year 2005 production.

**d.**  
**AMG SpeedShift with manual mode**  
 AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, and prevents unwanted upshifts in cornering to keep the E55 balanced. For the best of both manual and automatic transmissions, fingertip manual mode lets you sequentially shift up or down via buttons conveniently mounted behind the steering wheel spokes.

**e.**  
**AMG instrumentation**  
 The cool tones of the AMG instrument cluster monitor the scalding-hot performance of the E55 AMG. A matte-chrome instrument panel surround is home to distinctive ivory-colour gauges with chrome rings and red indicators that read easily at a glance. And when the sun goes down, you can bask in the glow of their soft white nighttime backlighting.



## Out in front

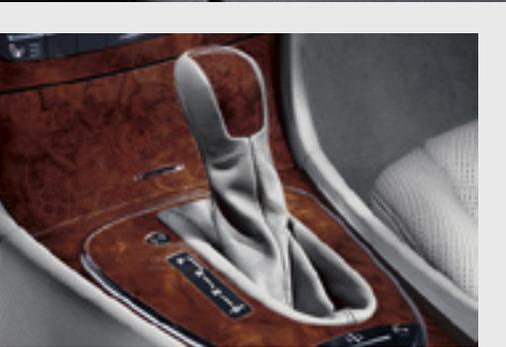
The 2005 E-Class offers a variety of choices you simply won't find on any other luxury sport sedan, including a silky 3.2-litre V-6, a muscular 5.0-litre V-8, an impressively quick turbocharged diesel, and a 469-hp supercharged 5,439-cc AMG V-8. And while the range may be diverse, these engines have a great deal in common, including outstanding power, quick response and impressive refinement. Backing up these potent powerplants you'll find a driver-adaptive 5-speed automatic transmission or the industry's only 7-speed automatic transmission, both brimming with features that make them perfect partners for their respective powerplants.



### **4MATIC all-wheel drive**

E-Class 4MATIC™ models feature fully automatic full-time all-wheel drive for outstanding control in a variety of weather conditions. Working in harmony with our pioneering Electronic Stability Program (ESP), 4MATIC is always engaged and always sending torque to each wheel. To help ensure your E-Class keeps moving—even if only one wheel has grip—4MATIC's 4-wheel Electronic Traction System constantly monitors each wheel. If one or more wheels start to slip, the system can apply the appropriate brakes to help ensure that power goes to the wheel or wheels with traction, or reduce excess engine torque, until control is regained. Even when the roads are dry and the sky is clear, 4MATIC gives added benefits, by helping to balance the power to each wheel for enhanced handling and maximum driving enjoyment.

1 Based on 0-100 km/h acceleration of 2004 production 4-door sedans. 2005 competitor information not available at the time of production. 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 This estimate is based on the Government of Canada's approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the *Fuel Consumption Guide*.



### Follows your lead

Whether it's the industry's only 7-speed automatic on the E 500 Sedan, or the 5-speed automatic on the E 320, E 320 CDI and all 4MATIC models, you'll find a transmission that's perfectly suited to every driving condition.

Each unit features driver-adaptive control that adjusts to your driving style, holding upshifts until higher rpm and downshifting earlier when you desire performance, and shifting at lower rpm for enhanced fuel economy when your pace is more relaxed.

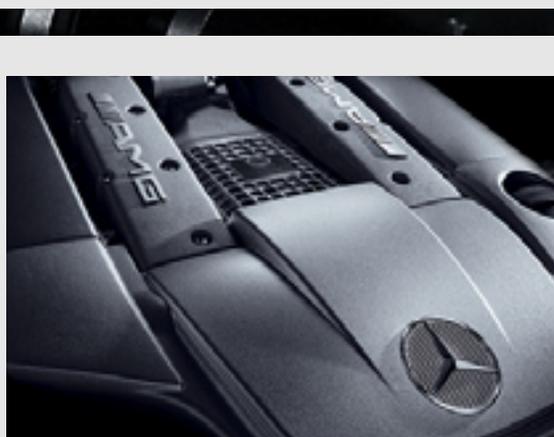
And since every E-Class is also a true driver's car, all models feature Touch Shift, which lets you make manual-style downshifts and allow upshifts by tapping the shift lever left or right from the Drive position. Hold the shift lever to the left, and the transmission will automatically preselect the optimum gear for maximum acceleration.

To match the mission of being the fastest 4-door sedan you can buy,<sup>1</sup> the E 55 AMG 5-speed automatic features AMG SpeedShift™ programming that delivers up to 35% quicker shifts. Manual-mode buttons mounted on the steering wheel give fingertip control of upshifts and downshifts.

### E 320 CDI 3.2-litre turbocharged diesel inline-6

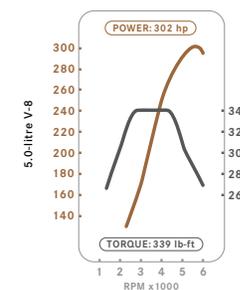
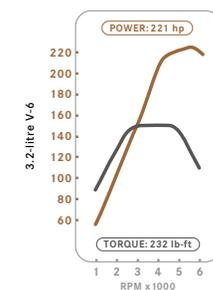
What can you say about an engine that produces a massive 369 lb-ft of peak torque starting at just 1,800 rpm, rockets you from zero to 100 km/h in seven seconds,<sup>2</sup> and also makes the E 320 CDI the most fuel-efficient luxury sedan<sup>3</sup> you can buy? Nothing less than that it's power reinvented.

To excel in both performance and economy, the E 320 CDI uses a state-of-the-art combination of high-pressure direct fuel injection and a boost-controlled turbocharger to minimize lag and optimize performance both off the line and at speed.



### E 320 V-6 and E 500 V-8 engines

A responsive engine is the heart of any luxury performance car. Refined and responsive, the 3.2-litre V-6 in the gasoline-powered E 320 models produces an athletic 221 hp and 232 lb-ft of torque. Step up to the E 500 Sedan and E 500 4MATIC Wagon and feel the urgency that only a muscular 5.0-litre V-8 pumping out 302 hp and 339 lb-ft of torque can provide. Designed for real-world driving, both engines feature broad, flat torque bands for strong acceleration at all speeds, teamed with two-stage intake manifolds for instant response. And because our engines are as responsible as they are responsive, both models feature twin-spark ignition and 3-valve-per-cylinder design to help reduce emissions.



### E 55 AMG 469-hp supercharged AMG V-8

In a world of off-the-rack performance, the E 55 AMG's 469-hp Kompressor V-8 is true custom tailoring. Handcrafted by a single technician who affixes his signature to each engine, you'll find such racing-derived ingredients as aluminium pistons forged for strength, an individually balanced crankshaft to reduce vibration, and camshafts aggressively profiled for a scintillating rush to the redline. For maximum exhilaration, the V-8 employs a helical supercharger and liquid-to-air intercooler to add even more massive and instantaneous power. The result—zero to 100 km/h in 4.7 seconds<sup>2</sup>—is the quickest production sedan you can buy.



## Safety first

It happens when you least expect it. And even though you can't predict an accident, you can prepare for one. It's something Mercedes-Benz has been doing for over half a century – and continues to drive us to remain at the forefront of automotive safety today. Our integrated approach to safety starts by optimizing your ability to stay out of harm's way, with responsive handling and features such as our pioneering Electronic Stability Program (ESP) and emergency-sensing Brake Assist. When a collision is simply unavoidable, the E-Class is prepared to help protect you with a robust structure, advanced safety technologies and the most standard air bags in its class. You might not know what lies ahead, but you can drive confidently knowing your E-Class considers your welfare its most important priority.

### Tele Aid

The Tele Aid system uses GPS satellites plus a digital cellular link to provide live assistance at the touch of any of three buttons in your E-Class. If you need help – or see someone who does – the SOS button is for summoning emergency aid. Press the *i*-button for information. And the wrench button connects you to our legendary Roadside Assistance. Tele Aid also includes Automatic Collision Notification, which engages the SOS function if an air bag or Emergency Tensioning Device (ETD) deploys, as well as stolen vehicle tracking and remote keyless unlocking service!



### Active Safety

To help you avoid an accident:

- Electronic Stability Program (ESP)
- 4-wheel multilink suspension
- 4-wheel disc brakes with ABS and Brake Assist
- Sensotronic Brake Control

### Passive Safety

To help protect you in an accident:

- Reinforced body structure
- Seat-belt Emergency Tensioning Devices
- Seat-belt force limiters
- A head restraint for every occupant
- Adaptive dual-stage front air bags
- Four side-impact air bags
- Head Protection Curtains
- Tele Aid system



### Brake Assist

Complementing the antilock brakes, Brake Assist can sense a panic stop and automatically apply all available brake power boost instantly, to potentially reduce stopping distances.<sup>2</sup>

### Eight standard air bags

Every E-Class provides the 10-way protection of eight standard air bags, including adaptive dual-stage front air bags, four side-impact air bags, and Head Protection Curtains along the side windows for all front and outboard second-row occupants.<sup>3</sup>

### Occupant Classification System

OCS automatically turns the front passenger's front air bag on or off—or helps determine its inflation rate—based on the weight category determined by sensor readings from the front passenger seat.<sup>3</sup>



### High-strength/low-alloy steel

HSLA steel is used in critical areas throughout the E-Class body shell, to help create an exceptionally rigid structure designed to maximize integrity and minimize chassis flex for improved handling precision.

### Side-impact protection

Reinforced doors, door sills, floorpan, roof and dashboard supports in every E-Class are part of an integrated safety structure that affords formidable side-impact protection.

### Advanced crumple zones

Front and rear crumple zones feature full-width crossmembers. An ellipsoidal front bulkhead helps transfer some impact energy around the cabin, and staggered underhood components are designed not to stack up as the front zone deforms.



### Emergency Tensioning Devices and belt force limiters

In either a front or rear impact exceeding a preset threshold of severity, ETDs remove slack from front and second-row outboard seat belts to help hold you in place. Belt force limiters can help reduce the peak deceleration forces on belted occupants.<sup>4</sup>



### Rear-impact protection

The E-Class Wagon body structure is designed to help distribute some of the force of a rear collision around the third-row passenger area, to better protect the occupants inside.



### Rollover sensor

If the E-Class senses a rollover, it will automatically deploy the seat-belt Emergency Tensioning Devices to help reduce occupant movement, and if deemed necessary, inflate the Head Protection Curtains.<sup>4</sup>



### 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.<sup>4</sup>

<sup>1</sup> Subscription is required for service to be active and does not include airtime and monitoring service fees. Tele Aid operates only where cellular and Global Positioning System coverages are available. Owner must authorize stolen vehicle tracking and file a police report. <sup>2</sup> Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions. <sup>3</sup> **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. **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 THESE SYSTEMS AND FOR FURTHER INFORMATION REGARDING THE TRANSPORTATION OF CHILDREN HEAVIER THAN A TYPICAL 12-MONTH-OLD. <sup>4</sup> No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Please always wear your seat belt.

## Advanced civilization

a.

### Panorama roof

For a breathtaking view of the sun or stars, the Panorama roof—optional on all E-Class Sedans—gives you twice the view of a conventional sunroof, with tinted glass stretching from the windshield to the rear window. To help keep you cool, power mesh sunshades shield the cabin from the sun.

b.

### Solar-powered ventilation

Avoid returning to a sweltering E-Class Sedan in the summer. Optional solar panels on the Panorama roof create power from sunlight to ventilate the car while it's parked and help keep the cabin cooler.

c.

### Parktronic parking assist

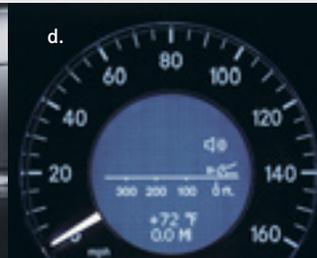
Optional Parktronic can help you avoid objects that might be outside your sightlines when you're parking your E-Class Sedan. When ultrasonic sensors in the bumpers detect objects in their field of view, audible signals and illuminated displays on the dash and rear cabin ceiling help you manoeuvre with confidence.

d.

### Distronic adaptive cruise control

The first of its kind, optional DISTRONIC reduces the need to continuously adjust your cruise control setting. By employing a radar signal to monitor your distance to vehicles ahead, the system adjusts to help maintain your speed and preset following distance automatically.<sup>1</sup>

While every E-Class abounds with exciting innovations, a variety of options lets you enjoy your own E-Class model in ways you might never have imagined. Whether it's brilliant ideas like headlamps that improve illumination in curves, front seats that inflate to hold you better in turns, or cruise control that automatically adjusts your speed to keep a preset following distance, you'll not only marvel at the genius it took to create them, you'll wonder how you ever enjoyed driving without them.



a.

b.

c.

d.

e./f.

g.

e.

### Drive-Dynamic seats

Optional Drive-Dynamic front seats provide active lateral support, with air chambers in the left and right side bolsters that automatically inflate and deflate during cornering. Dynamic multicontour seats, with pneumatically adjustable side bolsters, dual lumbar supports and thigh support—plus a soothing massage feature—are included.

f.

### Active Ventilated front seats

Optional on any E-Class, these seats feature miniature internal fans that circulate air through perforations in the upholstery. Seat heaters are included.

g.

### Power tailgate or trunk lid

This thoughtful option lets you open the Wagon tailgate or Sedan trunk lid with the touch of a button on the driver's door or SmartKey. Another button located on the underside of the trunk lid or tailgate motors it fully closed.

**h.**  
**Keyless Go**

The optional enhancement of the SmartKey system lets you unlock or lock your E-Class with the touch of a button on the outside door handle—without removing the key from your pocket or purse. Start-up is equally easy: Put your foot on the brake, tap the top of the gearshift, and you're ready to take off.

**i.**  
**In-dash 6-disc CD changer**

Optional on any E-Class model, the single-feed 6-disc CD changer is neatly concealed behind a motorized, wood-trimmed door in the dash. It seamlessly integrates with the audio system via an innovative fibre-optic network and can be controlled via the multifunction steering wheel.

**j.**  
**Folding rear seats with ski sack**

Optional on the E-Class Sedans, and standard on all E-Class Wagons, 60/40-split folding rear seats give you added flexibility in carrying passengers and oversize items. A ski sack in the centre armrest pass-through is included on sedans and optional on wagons.

**k.**  
**Active Bi-Xenon headlamps**

Truly visionary thinking, these optional active headlamps monitor your steering angle and driving speed, then shift their beams to either side to better follow the curvature of the road ahead. As a result, you get a better view into corners by increasing usable illumination by up to 90% over conventional headlamps. The active lighting system is an ideal partner for high-performance Bi-Xenon headlamps that provide better vision over longer distances when using either low or high beams. The Bi-Xenon lamps—also available without active curve illumination—include dynamic level control to help cut glare, as well as heated high-pressure washers.



**l.**  
**DVD-based satellite navigation**

This optional in-dash system uses GPS satellites to determine the location of your car. Detailed driving instructions are provided through the COMAND system's large colour-LCD screen, with the maps for Canada, the entire contiguous U.S. and Hawaii from a single DVD<sup>2</sup>.

<sup>1</sup> 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. <sup>2</sup> 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.

## Visionary design

It's not hard to see your future once you've laid eyes on an E-Class Sedan or Wagon with the optional Appearance Package.<sup>1</sup> At first glance, you'll be drawn to the rakish looks of the chrome-edged black grille slats and stylish front apron with a more horizontal motif. Sculpted side skirts and 17" 5-spoke alloy wheels with 245/45 R17 tires add visual muscle. And to see as well as be seen, you'll find Bi-Xenon headlamps—with or without active curve illumination—and all-LED brake lamps. The E 320 Wagon is made even more attractive with the addition of premium leather upholstery, while the E 320 models add the precise control of Airmatic Dual Control semi-active air suspension that's standard on all E 500 models. It all seamlessly works together to create an E-Class you'll always look forward to driving.



### Appearance Package interior

Special appointments like chrome-edged Black Birdseye Maple wood trim bring a cool, contemporary look to the centre console, dash and doors. Matte chrome surrounds the gearshift and instrument cluster, adding a decidedly sporting feel. For added appeal, consider an optional steering wheel featuring matching wood trim and the soft touch of rich, supple leather.



## Extended outlook

For those interested in making an especially bold statement, we predict you'll be drawn to the AMG Sport Package.<sup>2</sup> Your personal forecast calls for numerous double-takes, due to a chiselled AMG-design rear apron and front air dam with wire mesh intakes. Expect occasional deluges of envy caused by the four staggered-width 18" AMG ultrathin-spoke monoblock wheels with high-performance tires.<sup>3</sup> And with dual polished chrome exhaust tips, there's a 100% chance that you'll get noticed wherever you go.



<sup>1</sup> Not available on E 320 CDI Sedan or E 55 AMG. Appearance and AMG Sport Packages not available together. <sup>2</sup> Not available on E 320 4MATIC models, E 320 CDI Sedan or E 55 AMG. Appearance and AMG Sport Packages not available together. <sup>3</sup> AMG 18" wheels and accompanying high-speed-rated tires provide substantially increased treadwear and reduced ride comfort compared to H-rated tires. 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.

# *designo*

## First in style

One may have many prized objects in one's collection, but how many can be enjoyed every day—even in rush-hour traffic? For sheer exclusivity, beauty and luxury, we believe an E-Class with *designo* stands alone. Inside, you can choose the unmatched comfort of hand-fitted ultrasoft Nappa leather upholstery in a number of exquisite *designo* colours. Perhaps select exclusive *designo* wood trim that is individually hand-selected for appearance, then hand-finished for a most personal expression of style. And for a finishing touch, the lustrous *designo* paint colour of your choice. Whether you opt for one, two or all of these defining elements of style, one thing is certain—an E-Class with *designo* is sure to quickly become one of your most cherished possessions.

Console and cupholder design subject to change during model year 2005 production.



E 320 4MATIC Sedan shown with optional *designo* Silver metallic paint.



E 320 Sedan shown in Brilliant Silver metallic.

## The first name in service

The innovative spirit that drives us to create the world's finest vehicles is directly reflected in an impressive selection of owner benefits. Consider the 24-hour Mercedes-Benz Roadside Assistance Program, the first of its kind. Our Flexible Service System Plus lets you go farther than ever between scheduled oil changes. And our Customer Service Centre can provide answers to questions about your vehicle. When we invented the first car in 1886, we also created the first car owner. For nearly 120 years, it's been our passion to ensure that driving a Mercedes-Benz remains an experience that's second to none.

### **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.<sup>1</sup>

### **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-Benz dealer will replace these parts at no charge to you.

### **Customer service**

Owning a Mercedes-Benz means that when you have a question, we're here to help. Our Customer Service Centre is open from 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.

### **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.<sup>2</sup>

### **Time for basic maintenance?**

#### **Ask your E-Class.**

No two drivers are the same. That's why the Flexible Service System Plus in your E-Class monitors certain indicators of oil condition, engine loads, rpm, operating temperatures and your driving habits to determine when basic maintenance is really necessary.<sup>3</sup> It even monitors brake-pad wear. 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 E-Class and more time enjoying your life.

### **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.

### **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.

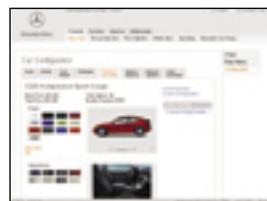
### **Alternate Transportation**

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.<sup>4</sup>

## Firsthand knowledge

### Our world – at your fingertips

Still looking for more Mercedes-Benz information? Visit [mercedes-benz.ca](http://mercedes-benz.ca) to open an online window to Mercedes-Benz and our vehicles. Here, you can get information about any model, 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 and more – including the history of Mercedes-Benz. There's a world of information, but only one address to remember: [mercedes-benz.ca](http://mercedes-benz.ca).



[mercedes-benz.ca](http://mercedes-benz.ca)

ENGINE	E 320 SEDAN E 320 4MATIC SEDAN E 320 4MATIC WAGON				E 320 CDI SEDAN		E 500 SEDAN E 500 4MATIC SEDAN E 500 4MATIC WAGON		E 55 AMG SPORT SEDAN
	<b>Engine type</b> Construction	<b>3,199-cc SOHC 18-valve 90° V-6.</b> High-pressure die-cast alloy cylinder block. Alloy heads.				<b>3,222-cc DOHC 24-valve inline-6.</b> Cast-iron cylinder block. High-strength aluminium-alloy head. Continuously variable intake and exhaust valve timing.		<b>4,966-cc SOHC 24-valve 90° V-8.</b> High-pressure die-cast alloy cylinder block. Alloy heads.	
Net power	221 hp @ 5,600 rpm				201 hp @ 4,200 rpm		302 hp @ 5,600 rpm		469 hp @ 6,100 rpm
Net torque	232 lb-ft @ 3,000–4,800 rpm				369 lb-ft @ 1,800–2,600 rpm		339 lb-ft @ 2,700–4,250 rpm		516 lb-ft @ 2,650–4,500 rpm
Compression ratio	10.0:1				18.0:1		10.0:1		9.0:1
Induction	Magnesium 2-stage <b>resonance intake manifold</b> increases intake runner length at lower rpm for improved response.				Intercooled, electronically controlled <b>Variable Nozzle Turbocharger</b> (VNT) with electronically adjusted vanes improves charge pressurization at lower rpm, for reduced turbo lag and exceptional low-end torque.		Magnesium 2-stage <b>resonance intake manifold</b> increases intake runner length at lower rpm for improved response.		<b>Helical high-pressure supercharger</b> with liquid-to-air intercooler.
Fuel and ignition system	ME 2.8 engine management. Integrated <b>sequential multipoint fuel injection and phased twin-spark ignition</b> includes individual cylinder control of fuel spray, spark timing and phase, and antiknock. Electronic throttle. Two high-energy ignition coils and two spark plugs per cylinder, with 160,000-km spark plug intervals.				Electronically controlled ultra-high-pressure <b>Common-rail Direct Injection</b> (CDI) and centrally located 7-nozzle injectors maintained at up to 23,200 psi for improved fuel atomization. <b>Double-pilot injection</b> preheats the combustion chambers with a pre-injection of fuel, for stronger, faster and more complete combustion with reduced noise and particulate emissions.		ME 2.8 engine management. Integrated <b>sequential multipoint fuel injection and phased twin-spark ignition</b> includes individual cylinder control of fuel spray, spark timing and phase, and antiknock. Electronic throttle. Two high-energy ignition coils and two spark plugs per cylinder, with 160,000-km spark plug intervals.		ME 2.8 engine management. Integrated <b>sequential multipoint fuel injection and phased twin-spark ignition</b> includes individual cylinder control of fuel spray, spark timing and phase, and antiknock. Electronic throttle. Two high-energy ignition coils and two spark plugs per cylinder, with 160,000-km spark plug intervals.
Fuel requirement	<b>Premium unleaded</b> , 91 pump octane.				<b>Diesel fuel #2.</b>		<b>Premium unleaded</b> , 91 pump octane.		<b>Premium unleaded</b> , 91 pump octane.
Fuel tank capacity	80.0 litres (with 9.0-litre reserve).				80.0 litres (with 9.0-litre reserve).		80.0 litres (9.0-litre reserve).		80.0 litres (with 9.0-litre reserve).
DRIVETRAIN									
<b>Transmission type</b>	<b>5-speed automatic.</b>				<b>5-speed automatic.</b>		<b>7-speed automatic</b> (E500 Sedan) or <b>5-speed automatic</b> (E500 4MATIC Sedan and Wagon).		<b>AMG-enhanced 5-speed automatic.</b>
<b>Transmission features</b>	Electronically controlled shifting. <b>Driver-adaptive programming</b> adjusts shift points to the driver's current driving style. <b>Touch Shift</b> allows driver to manually downshift and allow upshifts by nudging the shift lever left or right from the Drive position. <b>Shift into Optimum Gear</b> 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. Driver-selectable <b>Comfort mode</b> 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 and fingertip manual mode	Not available.		Not available.		Not available.		<b>Standard.</b>		
	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 allows direct-access shifting through forward gears via buttons on back of upper steering wheel spokes (left button downshifts, right button upshifts) or via Touch Shift feature of shift lever, and will automatically intervene only to select 1st gear when the vehicle stops. In Standard and Comfort modes, the steering wheel buttons operate the Touch Shift feature.								
<b>Drive configuration</b>	<b>Rear-wheel drive or 4MATIC™ all-wheel drive.</b>				<b>Rear-wheel drive.</b>		<b>Rear-wheel drive or 4MATIC all-wheel drive.</b>		<b>Rear-wheel drive.</b>
Rear axle ratio	3.07:1 (3.27:1 on 4MATIC models)				2.65:1		3.07:1 (2.65:1 on 4MATIC Sedan)		2.65:1
TRACTION / STABILITY									
<b>Electronic Stability Program (ESP)</b>	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 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!								
<b>4MATIC all-wheel drive</b> with 4-wheel Electronic Traction System (4-ETS)	<b>Standard on E 320 4MATIC models.</b>		Not available.		<b>Standard on E500 4MATIC Sedan and Wagon.</b>		Not available.		
	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!								
PERFORMANCE									
<b>Acceleration</b> , 0–100 km/h <sup>2</sup>	<b>E 320 SEDAN</b>	<b>E 320 4MATIC SEDAN</b>	<b>E 320 4MATIC WAGON</b>	<b>E 320 CDI SEDAN</b>	<b>E 500 SEDAN</b>	<b>E 500 4MATIC SEDAN</b>	<b>E 500 4MATIC WAGON</b>	<b>E 55 AMG SPORT SEDAN</b>	
	7.3 seconds	Information N/A.	Information N/A.	7.0 seconds	6.1 seconds	Information N/A.	Information N/A.	4.7 seconds	
<b>Fuel economy</b> , <sup>3</sup> city estimate	11.9 l/100 km	12.4 l/100 km	12.8 l/100 km	8.9 l/100 km	14.0 l/100 km	14.7 l/100 km	14.8 l/100 km	16.6 l/100 km	
highway estimate	7.8 l/100 km	8.7 l/100 km	9.0 l/100 km	5.9 l/100 km	8.7 l/100 km	10.6 l/100 km	10.9 l/100 km	10.3 l/100 km	

1 No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Best performance in snow is obtained with winter tires. 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 These estimates are based on the Government of Canada's approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the *Fuel Consumption Guide*. 4 Please obey all speed laws. 5 AMG 18" wheels and accompanying high-speed-rated tires provide substantially increased treadwear and reduced ride comfort compared to H-rated tires. 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. 6 Not available on E 320 4MATIC models, E 320 CDI Sedan or E 55 AMG. Appearance and AMG Sport Packages not available together. 7 Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

	E 320 SEDAN E 320 4MATIC SEDAN E 320 4MATIC WAGON	E 320 CDI SEDAN	E 500 SEDAN E 500 4MATIC SEDAN E 500 4MATIC WAGON	E 55 AMG SPORT SEDAN
<b>SUSPENSION / STEERING</b>				
<b>Front suspension</b>	E 320, E 320 CDI and E 500 Sedans with rear-wheel drive: Independent 4-link with antidive geometry. Stabilizer bar. E 320 4MATIC and E 500 4MATIC models: Independent double wishbone with antidive geometry. Stabilizer bar.			Independent 4-link with antidive geometry. Enlarged stabilizer bar.
<b>Rear suspension</b>	Independent <b>5-arm multilink</b> with aluminium links and wheel-hub carriers, and geometry for antisquat and alignment control. Stabilizer bar.			
<b>Steel spring and damping system</b>	<b>Standard.</b> E 320 Sedan: Front coil springs over gas-pressurized monotube shock absorbers. Separate rear coil springs and gas-pressurized monotube shock absorbers. E 320 4MATIC Wagon: Front coil springs over gas-pressurized monotube shock absorbers. Pneumatic rear springs with automatic level control, and gas-pressurized monotube shock absorbers.	<b>Standard.</b> Not available.	Not available.	Not available.
<b>Airmatic DC air suspension with Adaptive Damping System (ADS II)</b>	<b>Optional</b> (as part of Appearance Package). Airmatic Dual Control is a semi-active suspension that provides greater ride comfort yet responds to reduce pitch, dive and roll during braking, accelerating and cornering by instantaneously firming up spring rates as driving dynamics change. Electronically controlled pneumatic spring-struts integrate variable-rate shock absorbers and coil springs. 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 <b>sport modes</b> engage firmer damping profiles either full-time or at lower thresholds of body movement. <b>Automatic 4-wheel level control</b> includes driver-selectable ride-height control, and automatic speed-sensitive lowering at higher speeds or when in Sport mode. <sup>1</sup>	Not available.	<b>Standard.</b>	<b>Standard.</b> AMG-tuned, with enlarged front and rear stabilizer bars.
<b>Steering</b>	<b>Rack-and-pinion</b> with <b>vehicle-speed-sensitive power assist</b> and integrated hydraulic damper. <b>Steering wheel turns:</b> 2.8 lock-to-lock. <b>Turning circle:</b> 37.4 ft/ 11.4 m curb-to-curb.			
<b>WHEELS / TIRES</b>				
<b>Wheels</b> , aluminium-alloy, standard optional Appearance Package optional AMG Sport Package <sup>6</sup>	<b>Dual-spoke</b> design, 8.0Jx16. <b>5-spoke</b> design, 8.0Jx17. <b>AMG thin-spoke monoblock</b> , 8.0Jx18 front—9.0Jx18 rear. <sup>2</sup>	<b>Dual-spoke</b> design, 8.0Jx16. Not available. Not available.	<b>5-twin spoke</b> design, 8.0Jx17. <b>5-spoke</b> design, 8.0Jx17. <b>AMG thin-spoke monoblock</b> , 8.0Jx18 front—9.0Jx18 rear. <sup>5</sup> <b>4MATIC models:</b> 8.0Jx18 front and rear. <sup>5</sup>	Polished <b>AMG double-spoke</b> design, 8.0Jx18 front—9.0Jx18 rear. <sup>2</sup> Not available. Not available.
<b>Tires</b> , steel-belted radial, standard optional Appearance Package optional AMG Sport Package <sup>6</sup>	225/55R16 95H all-season performance. 245/45R17 95H all-season performance. 245/40ZR18 front—265/35ZR18 XL rear, high-performance. <sup>3</sup>	225/55R16 95H all-season performance. Not available. Not available.	245/45R17 95H all-season performance. 245/45R17 95H all-season performance. 245/40ZR18 front—265/35ZR18 XL rear, high-performance. <sup>5</sup> <b>4MATIC models:</b> 245/40ZR18 front and rear. <sup>5</sup>	245/40ZR18 93Y front—265/35ZR18 97Y XL rear, high-performance. <sup>3</sup> Not available. Not available.
<b>BRAKES</b>				
<b>Brake system</b>	4-circuit electrohydraulic. Brake discs, front—rear Brake calipers, front—rear	4-circuit electrohydraulic. 312-mm ventilated—300-mm solid (Sedans) or ventilated (Wagon). 4-piston fixed-type—single piston floating.	4-circuit electrohydraulic. 330-mm ventilated—300-mm ventilated. 4-piston fixed-type—single-piston floating.	AMG-enhanced 4-circuit electrohydraulic. 360-mm perforated and ventilated—330-mm perforated and ventilated. AMG 8-piston fixed-type—4-piston fixed-type.
<b>Sensotronic Brake Control</b>	Sensotronic electrohydraulic braking transmits brake pressure individually to each wheel based on driver input and various vehicle parameters. Sensotronic more precisely controls brake pressure at each wheel in normal braking, emergency stopping and ESP activity. <sup>1</sup> <b>Automatic brake drying</b> 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. <b>Predictive brake priming</b> sets the brake pads near to the discs when the driver quickly releases the accelerator, for faster brake response.			
<b>Antilock Braking System (ABS) and Brake Assist</b>	<b>ABS</b> 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. <b>Sensotronic</b> eliminates the pedal pulsation commonly associated with conventional brake systems and ABS. <b>Brake Assist</b> 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. <sup>7</sup>			
<b>EXTERIOR DIMENSIONS</b>	<b>SEDANS</b>	<b>WAGONS</b>	<b>INTERIOR DIMENSIONS</b>	<b>SEDANS</b>
<b>Wheelbase</b>	112.4 in/2,854 mm	112.4 in/2,854 mm	<b>Headroom, front</b>	37.4 in/951 mm
<b>Overall length</b>	189.7 in/4,815 mm	191.7 in/4,868 mm		<b>Legroom, front</b>
<b>Overall height</b>	57.2 in/1,452 mm	58.9 in/1,495 mm, with roof rails	<b>Shoulder room, front</b>	41.9 in/1,065 mm
<b>Overall width</b>	71.3 in/1,810 mm	71.7 in/1,822 mm	<b>Headroom, rear</b>	56.4 in/1,432 mm
<b>Track, front</b>	61.4 in/1,559 mm	61.4 in/1,559 mm	<b>Legroom, rear</b>	38.0 in/964 mm
<b>Track, rear</b>	61.1 in/1,552 mm	E 320 4MATIC: 61.1 in/1,552 mm E 500 4MATIC: 60.7 in/1,542 mm	<b>Shoulder room, rear</b>	35.6 in/903 mm
<b>Coefficient of drag</b>	0.27	E 320 4MATIC: 0.30 E 500 4MATIC: 0.32	<b>Cabin capacity</b>	56.1 in/1,424 mm
<b>Curb weight</b>	E 320: 3,691 lb/1,675 kg E 320 4MATIC: 3,835 lb/1,740 kg E 320 CDI: 3,835 lb/1,740 kg E 500: 3,812 lb/1,730 kg E 500 4MATIC: 4,010 lb/1,820 kg E 55 AMG: 3,990 lb/1,810 kg	E 320 4MATIC: 4,155 lb/1,885 kg E 500 4MATIC: 4,231 lb/1,920 kg	<b>Cargo capacity</b>	97.2 cu ft/2,752 litres
				24.4 cu ft/690 litres, 3rd-row seat lowered 68.9 cu ft/1,950 litres, 2nd and 3rd-row seats lowered

E 320 AND E 320 CDI SEDANS  
E 320 4MATIC WAGON  
E 500 SEDANS  
E 500 4MATIC WAGON  
E 55 AMG SPORT SEDAN

## EXTERIOR FEATURES

■	■	■	■	-	Atlas Grey grille with four chrome ribs and chrome surround.
□	-	□	□	□	Black grille with five chrome ribs and chrome surround.
□	-	□	□	■	AMG-design front air dam with mesh air intakes and rear apron.
-	-	-	-	■	AMG-design side sills. Four polished stainless-steel exhaust tips.
■	■	■	■	■	Power tilt/sliding tinted glass sunroof with one-touch express-open/close and memory.
■	■	■	■	■	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.
■	■	■	■	■	Electrically heated rear window with auto-shutoff based on time and outside temperature.
■	■	■	■	■	Dual aero-blade windshield wipers. Heated windshield washer nozzles.
■	■	■	■	■	Infrared rain sensor automatically adjusts wiper speed and intermittent wiper frequency from infinite delay to fast wiping speed based on amount of rainfall measured on windshield.
-	■	-	■	-	Intermittent rear-window wiper, with wide-spray washer. When the front wipers are on, shifting to Reverse activates the rear-window wiper.
-	■	-	■	-	Protective-coated aluminium roof rails.
■	■	■	■	■	Variable-focus halogen headlamps with projector low beams and clear high-impact polycarbonate lenses. Halogen front foglamps, in front apron. Single red rear foglamp, integrated in left taillamp cluster.
■	■	■	■	■	Driver-selectable light-sensing headlamps can be set via the Auto position of the headlamp switch to automatically illuminate in darkness, and when entering dark tunnels or parking garages.
■	■	■	■	■	Driver-programmable 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.

## LOCKING / SECURITY

■	■	■	■	■	SmartKey uses an electronic code to unlock the steering column and ignition. Removing SmartKey from ignition disables engine computer to help prevent unauthorized starting.
■	■	■	■	■	SmartKey remote control integrates: Door lock/unlock buttons, trunk opener (Sedans) or tailgate unlock button (Wagons), panic alarm and removable valet key. Driver may selectively unlock only the driver's door and fuel filler, or all doors plus the trunk/tailgate and fuel filler.
■	■	■	■	■	SmartKey remote locking uses redundant infrared and radio-frequency signals for improved range, and rolling-code signal for protection from transmitter cloning.
■	■	■	■	■	SmartKey offers infrared-remote opening/closing of windows and sunroof, and can turn on Active Ventilated front seats <sup>2</sup> from outside the car.
■	■	■	■	■	Driver-programmable user-recognition feature links each SmartKey to driver's preferences (up to three individual users per car) for: Driver's seat memory settings (all three presets, including steering column and outside mirror positions). Various climate control settings, vehicle configuration settings from multifunction display, including language, lighting modes and radio stations.
■	■	■	■	■	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 lamp in all four doors and underneath outside mirrors.
■	■	■	■	■	Automatic antitheft alarm system with towaway protection and remote panic feature.
-	■	-	■	-	Power tailgate-closing assist. Interior tailgate release (on tailgate trim) with child-guard lockout.
■	-	■	-	■	Emergency trunk release, located inside trunk and illuminated for 60 minutes after trunk lid is closed.
■	■	■	■	■	Integrated 3-button garage door control, compatible with HomeLink <sup>®</sup> components and some other systems.

- STANDARD
- OPTIONAL
- NOT AVAILABLE

1 Optional as part of the Appearance and/or AMG Sport Packages. See Individual Options on page 25. 2 When equipped with this option. 3 Console and cupholder design subject to change during model year 2005 production. 4 Subscription is required for service to be active and does not include airtime and monitoring service fees. Tele Aid operates only where cellular and Global Positioning System coverage are available. Owner must authorize stolen vehicle tracking and file a police report. 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 SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. **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 THESE SYSTEMS AND FOR FURTHER INFORMATION REGARDING THE TRANSPORTATION OF CHILDREN HEAVIER THAN A TYPICAL 12-MONTH-OLD.

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## INTERIOR FEATURES

■	■	■	■	■	Multifunction steering wheel provides convenient, additional controls for basic functions of audio system and phone; <sup>2</sup> plus operation of multifunction display (see Instrumentation, page 25).
■	■	■	■	■	Power windows, all 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, and restore positions when key is reinserted.
■	■	■	■	■	Electronic cruise control, with digital readout of selected speed in multifunction display upon engagement.
■	■	■	■	■	Automatic ambient lighting provides gentle illumination while driving in darkness to the console, door handles, all four footwells, and the front and rear seating areas.
■	■	■	■	■	Four reading lamps. Courtesy lamps with programmable fade-out time. Entrance lamps in all four doors. Dual sun visors with illuminated vanity mirrors.
■	■	■	■	■	Auto-dimming rearview mirror.
■	■	■	■	■	Front centre armrest with enclosed storage and dual front cupholders <sup>3</sup> Illuminated glovebox. Pop-open drawer in dash. Storage pocket with motorized wood-trimmed door behind central dash switch panel.
■	■	■	■	■	Folding rear centre armrest with enclosed storage and dual cupholders. Magazine pockets on front seatbacks. Pockets in all doors. Parcel net in right front footwell (not included on 4MATIC <sup>™</sup> models).
-	■	-	■	-	Retractable/removable vertical partition net and horizontal luggage cover. Luggage cover electrically lifts up when tailgate is opened (and lowers upon closing), for more convenient loading of cargo area.
-	■	-	■	-	Parcel net and 12-volt power outlet in cargo-area side panel.
■	■	■	■	■	Illuminated, carpeted cargo area (with tie-down hooks on Sedans with optional folding rear seats and on Wagons).

## CLIMATE CONTROL

■	■	■	■	■	4-zone CFC-free automatic climate control with four individual digital temperature/airflow controls, and automatic control of blower speed and airflow distribution (with manual override). Sun sensor. Rear-cabin operating panel with dual temperature controls plus controls for airflow direction. Dash-top diffuser vent. Rear-cabin air vents at rear of front console and adjacent to rear doors. Seat-belt sensors allow climate control to focus first on occupied seats.
■	■	■	■	■	Electrostatic dust and pollen filter. Humidity/dewpoint sensor helps reduce window fogging during humid weather, and helps prevent overdrying of cooled air.
■	■	■	■	■	Tunnel mode offers one-touch closing of all windows, the sunroof and cabin air intake by pressing and holding the air-recirculation button. Pressing button again restores previous window and sunroof positions.

## SEATING

■	■	■	■	■	10-way power front seats, each with 3-position memory (linked to SmartKey user-recognition feature). Driver's adjustable lumbar support. Driver's seat memory includes steering column and outside mirror positions.
-	-	-	-	■	AMG-design sport front seats.
■	■	■	■	■	Heated front seats.
□	□	□	□	■	Multicontour front seats: pneumatically adjustable side bolsters, dual lumbar supports and thigh support.
□	□	□	■	-	60/40-split folding 2nd-row seatbacks and flip-forward seat cushions. Rear head restraints automatically retract when seatbacks are released (Wagons only).
-	■	-	■	-	Folding, rear-facing 2-passenger 3rd-row seat.

## UPHOLSTERY / TRIM

-	■	-	-	-	M-B Tex upholstery with leather front seating inserts. Leather trimmed steering wheel and shift knob.
■	□	■	■	-	Premium leather upholstery on all seat surfaces (including head restraints and front seatbacks), door armrests and gathered door trim inserts. Leather trimmed steering wheel and shift knob.
-	-	-	-	■	AMG-design two-tone Nappa leather upholstery featuring soft, sanded nubuck leather for perforated seat centre panels and door trim inserts. Alcantara covering pillars, sun visors and ceiling, AMG-design leather-trimmed sport steering wheel with raised thumbgrips and fingertip shift controls, AMG-design leather-trimmed shift knob with matte chrome inlay.
■	■	■	■	□	Hand-polished Burl Walnut wood trim on dash, console, doors, shift gate and shift knob. Polished chrome outlining for wood trim and switch clusters.
□	□	□	□	■	Hand-polished Black Birdseye Maple wood trim on dash, console, doors and shift gate. Polished chrome outlining for wood trim and switch clusters.
■	■	■	■	■	Stainless-steel door sill trim (with AMG insignia on E 55 AMG).
■	■	■	■	■	Velour floor carpeting and floor mats (exclusive AMG floor mats on E 55 AMG).

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## AUDIO / TELEMATICS

- Modular COMAND Cockpit Management and Data system integrates:  
An AM/FM stereo/weatherband radio, single-CD player, and a 16.5-cm colour LCD screen, controls for optional in-dash 6-disc CD changer and phone, ten mode-dependent soft keys alongside screen for easy access to commands and on-screen menus.
- 9-speaker audio system with 4-channel amplifier and automatic speed-sensitive volume adjustment.
- Fibre-optic network offers precise, high-speed communication among components. Factory preparation for optional CD changer and cellular phone, using fibre-optic network.
- Tele Aid uses Global Positioning System (GPS) satellites to determine the current location of your car, plus a cellular link to provide 24-hour contact with Mercedes-Benz for emergency aid (SOS button), information (i-button) or Roadside Assistance (wrench button). Automatic Collision Notification engages SOS function if an air bag or Emergency Tensioning Device (ETD) deploys. Tele Aid also includes Automatic Alarm Notification (which alerts Mercedes-Benz to contact you if the antitheft alarm is set off), stolen vehicle tracking, and remote keyless unlocking service.<sup>4</sup>

## INSTRUMENTATION

- Electronic analogue speedometer, tachometer and quartz clock, all with black faces and white markings, chrome rings, and glacier blue backlighting.
- AMG-design electronic analogue speedometer, tachometer and quartz clock, all with ivory-colour faces, chrome rings and soft white nighttime backlighting. Matte chrome instrument cluster surround.
- Electronic bar-graph fuel and coolant temperature gauges. Digital display for odometer and Touch Shift gear/mode selection.
- Multifunction display in speedometer face can be scrolled via steering wheel controls to operate and display various menus and vehicle features:  
Resettable trip meter and outside temperature indicator.  
Digital speedometer, Flexible Service System Plus (see below), tire pressure<sup>2</sup> and engine oil-level check.  
Radio tuner, CD player/CD changer.<sup>2</sup>  
Navigation system route guidance.<sup>2</sup>  
Distronic adaptive cruise control settings.<sup>2</sup>  
Vehicle reminder and malfunction messages.  
Driver-programmable settings for instrument cluster, clock, lighting, vehicle and convenience features.  
Trip computer (elapsed time, fuel consumption, distance to empty).  
Mobile phone book.<sup>2</sup>
- Flexible Service System Plus displays distance remaining to next basic maintenance service, indicates type of service due, and provides automatic reminder feature when service interval draws near. System also monitors brake-pad wear.
- Audible reminders and messages for open door or sunroof; exterior lamp failure; low fuel, engine oil, coolant and washer fluid; and to release parking brake, switch off headlights and remove ignition key.

## RESTRAINT SYSTEMS

- Integrated Restraint System<sup>2</sup>:  
Driver and front passenger are each provided with an adaptive dual-stage front air bag, side-impact air bag, and 3-point seat belt with an Emergency Tensioning Device (ETD) and dual-stage belt force limiter. Outboard 2nd-row passengers are each provided with a side-impact air bag and 3-point seat belt with ETD and belt force limiter. Centre 2nd-row passenger and 3rd-row passengers (Wagons) are each provided with a 3-point seat belt.
- Head Protection Curtains:  
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 car. Integrated rollover sensor automatically deploys the ETDs and, if deemed necessary, the Head Protection Curtains in the event of a detected rollover.
- Adaptive dual-stage front air bags are deployed in response to frontal impact severity.<sup>3</sup>
- Occupant Classification System (OCS) automatically turns the front passenger's front air bag on or off based on the weight category determined by weight sensor readings from the front passenger seat.<sup>5</sup>
- ETDs are 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.
- Automatic Collision Notification engages Tele Aid SOS function if an air bag or ETD deploys.<sup>4</sup>
- Universal LATCH system (Lower Anchors and Tethers for Children) at outboard rear seating positions. Selectable passenger seat-belt retractors help secure child seats.<sup>2</sup>
- Front seat belts include height-adjustable shoulder belts and lower points attached to seat frames. Outboard 2nd-row shoulder belts are automatically height-adjusting (Sedans) or height-adjustable (Wagons).
- Front head restraints power-adjust for height, manually adjust fore-aft, and automatically height-adjust as seat is moved fore-aft.
- Three individually retractable rear head restraints. All three head restraints can also be remotely retracted by the driver for improved rearward vision when the rear seats are unoccupied.

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## INDIVIDUAL OPTIONS

- Keyless Go vehicle entry and starting system.
- Electronic trunk closer fully opens trunk lid at the touch of a button on the driver's door or the SmartKey, and closes trunk lid via button on driver's door or the underside of the open trunk lid.
- Power tailgate fully opens at the touch of a button on the driver's door or the SmartKey, and closes via button on driver's door or the underside of the open tailgate. Tailgate can be stopped in any position, can be programmed to open no higher than the vehicle roof for operation in low-clearance areas, and features an obstruction sensor.
- Bi-Xenon low-beam and high-beam headlamps with heated washers.
- Bi-Xenon low-beam and high-beam headlamps with active curve illumination system and heated washers.
- Heated headlamp washers.
- Panorama roof, including full tinted glass roof from windshield to rear window, power tilt/sliding panel with one-touch express-open, and dual power sunshades.
- Solar powered ventilation. Solar cells in roof help generate power to ventilate cabin while car is parked in sunlight, to help keep interior cooler without draining vehicle batteries. (Requires Panorama roof.)
- Power rear-window sunshade, with one-touch express-up/down.
- Manual roller-type sunshades for windows in rear doors.
- DISTRONIC adaptive cruise control.
- Active Ventilated front seats, with heating feature.
- Multicontour front seats: pneumatically adjustable side bolsters, dual lumbar supports and thigh support.
- Drive-Dynamic front seats, which can respond to cornering forces by instantly inflating and deflating the side bolsters to optimize support. Massage feature can slowly pulsate the central lumbar support to help reduce muscle fatigue. Seats also include all features of multicontour front seatbacks.
- 60/40-split folding rear seatbacks and flip-forward seat cushions. Rear centre armrest pass-through with ski sack (included on Sedans and optional on Wagons).
- Premium leather upholstery.
- Nappa leather upholstery.
- Heated steering wheel.
- Leather and wood trimmed steering wheel.
- Burl Walnut wood interior trim.
- Cargo organizer system. Aluminium runners along the cargo floor accommodate four removable, adjustable anchors for attaching a combination of these components: an expandable barrier with telescoping aluminium crossbars, a retractable belt, and four tie-down rings.
- Power-sliding load floor. Carpeted load surface rises and slides 400 mm rearward at the touch of a button, to facilitate loading and unloading of heavier cargo. Surface can support 200 kg when extended and retracts flush with cargo-area floor. (Option deletes standard rear-facing 3rd-row seat).
- harman/kardon<sup>®</sup> LOGIC7<sup>®</sup> digital surround sound system:  
12 speakers (including dual surround speakers, plus a subwoofer on Sedans or a bass enclosure on Wagons).  
7.1-channel amplifier.  
Multichannel digital surround-sound technology developed for the professional recording industry, to provide a natural and realistic sound stage for FM radio and playback of audio CDs.  
Digital Dynamic Volume Control helps to preserve the sound balance under all driving conditions.
- Integrated single-feed in-dash 6-disc CD changer, concealed behind motorized wood-trimmed door.
- COMAND-DVD in-dash GPS navigation system, with map database for Canada, the contiguous U.S. and Hawaii on a single DVD: DVD-ROM drive concealed in trunk (Sedans) or cargo area (Wagons).
- Integrated Motorola V60i<sup>™</sup> tri-band digital portable telephone.
- Parktronic audio-visual parking assistance system.
- Onboard tire-pressure monitoring system (allows driver to check the inflation pressure of all four mounted tires via the multifunction display).
- Metallic paint (no charge).
- Appearance Package:**  
Four 17" 5-spoke alloy wheels with 245/45 HR17 high-performance tires. Sculpted lower bodywork. Black grille with five chrome ribs and chrome surround. Blue-tinted glass. Bi-Xenon low-beam and high-beam headlamps with heated washers. All-LED brake lamps. Matte chrome instrument-cluster bezel, gearshift surround and shift-knob inlay. Black Birdseye Maple interior trim. E 320 models also add Airmatic Dual Control suspension with ADS II. (Package includes premium leather upholstery on E 320 4MATIC Wagon and is not available on E 320 CDI Sedan.)
- AMG Sport Package:**  
AMG-design sculpted front air dam and rear apron. Dual polished chrome exhaust tips.  
Four staggered-width 18" AMG ultrathin-spoke monoblock wheels with high-performance tires (not available on E 320 4MATIC and CDI Sedans).<sup>7</sup>

<sup>6</sup> DVD-ROM maps do not cover all areas nor all routes within an area. One Canada/U.S. DVD-ROM is included with vehicle. <sup>7</sup> AMG 18" wheels and accompanying high-speed-rated tires provide substantially increased treadwear and reduced ride comfort compared to H-rated tires. 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.



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E320 Sedan shown on cover with Granite Grey metallic with optional Appearance Package and Panorama roof.