

E-Class specifications.

	E 320 SEDAN E 320 WAGON	E 320 CDI SEDAN <sup>1</sup>	E 500 4MATIC WAGON	E 550 AMG SPORT SEDAN
<b>ENGINE</b>				
Engine type	3,199-cc SOHC 18-valve 90° V-6	3,222-cc DOHC 24-valve inline-6	4,966-cc SOHC 24-valve 90° V-8	5,439-cc AMG-built intercooled supercharged SOHC 24-valve 90° V-8
Construction	High-pressure die-cast alloy cylinder block. Alloy heads	Cast-iron cylinder block. High-strength aluminum-alloy head. Continuously variable intake and exhaust valve timing	High-pressure die-cast alloy cylinder block. Alloy heads	High-pressure die-cast alloy cylinder block. Reinforced crankshaft and valvetrain. Alloy heads. Lightweight camshafts. Reinforced engine block, oil pan structure, pistons, connecting rods and crankshaft
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 resonance intake manifold increases intake runner length at lower rpm for improved response	Intercooled, electronically controlled Variable Nozzle Turbocharger (VNT) with electronically adjusted vanes improves charge pressurization at lower rpm, for reduced turbo lag and exceptional low-end torque	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
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. Two high-energy ignition coils and two spark plugs per cylinder, with 100,000-mile spark plug intervals	Electronically controlled ultra-high-pressure Common-rail Direct Injection (CDI) and centrally located 7-nozzle injectors maintained at up to 23,200 psi for improved fuel atomization. Double-pilot-injection 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 sequential multipoint fuel injection and phased twin-spark ignition 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 100,000-mile spark plug intervals	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. Two high-energy ignition coils and two spark plugs per cylinder, with 100,000-mile spark plug intervals
Fuel requirement	Premium unleaded, 91 pump octane	Diesel fuel #2	Premium unleaded, 91 pump octane	Premium unleaded, 91 pump octane
Fuel tank capacity	21.1 gal./80.0 liters (with 2.4-gal./90-liter reserve)	21.1 gal./80.0 liters (with 2.4-gal./90-liter reserve)	21.1 gal./80.0 liters (with 2.4-gal./90-liter reserve)	21.1 gal./80.0 liters (with 2.4-gal./90-liter reserve)
<b>DRIVETRAIN</b>				
Transmission type	5-speed automatic	5-speed automatic	7-speed automatic (Sedan with rear-wheel drive) or 5-speed automatic (Wagon, and Sedan with optional 4MATIC™ all-wheel drive)	AMG-enhanced 5-speed automatic
Transmission features	Electronically controlled shifting. Driver-adaptive programming adjusts shift points to the driver's current driving style. 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 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 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	Not available	Not available	Standard
AMG SpeedShift and Fingertip manual mode	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	Not available	Not available	Standard
Drive configuration	Rear-wheel drive or optional 4MATIC all-wheel drive	Rear-wheel drive	Rear-wheel drive (Sedan) or 4MATIC all-wheel drive (standard on Wagon, optional on Sedan)	Rear-wheel drive
Rear axle ratio	3.07:1 (3.27:1 with 4MATIC)	2.65:1	3.07:1 (2.65:1 on Sedan with 4MATIC)	2.65:1
<b>TRACTION / STABILITY</b>				
Electronic Stability Program (ESP)	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 <sup>2</sup>	Not available	Standard on Wagon, optional on Sedan	Not available
4MATIC all-wheel drive with 4-wheel Electronic Traction System (4-ETS)	Optional 4MATIC features a permanent 40/60 front/rear torque split maintained via a planetary center 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 center 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.	Not available	Standard on Wagon, optional on Sedan	Not available
<b>PERFORMANCE</b>				
Acceleration, 0-60 mph <sup>3</sup>	E 320 SEDAN: 7.1 seconds E 320 WAGON: 7.5 seconds	E 320 CDI SEDAN: 6.6 seconds	E 500 SEDAN: 5.9 seconds E 500 4MATIC WAGON: 5.9 seconds	E 550 AMG SPORT SEDAN: 4.5 seconds
Fuel economy, EPA estimate <sup>4</sup> highway estimate <sup>5</sup>	E 320 SEDAN: 19 mpg E 320 WAGON: 19 mpg	E 320 CDI SEDAN: 27 mpg E 320 CDI SEDAN: 37 mpg	E 500 SEDAN: 16 mpg E 500 4MATIC WAGON: 16 mpg	E 550 AMG SPORT SEDAN: 14 mpg E 550 AMG SPORT SEDAN: 21 mpg

**SUSPENSION / STEERING**

E320 SEDAN  
E320 WAGON

E320 CDI SEDAN<sup>1</sup>  
E500 4MATIC WAGON

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Independent 4-link (rear-wheel-drive models) or **double wishbone** (4MATIC models), Antidive geometry, Stabilizer bar  
Independent 5-arm multilink with aluminum links and wheel-hub carriers, and geometry for antisquat and alignment control. Stabilizer bar

**Standard**  
E320 and E320 CDI Sedans: Front coil springs over gas-pressurized monotube shock absorbers. Separate rear coil springs and gas-pressurized monotube shock absorbers  
E320 Wagon: Front coil springs over gas-pressurized monotube shock absorbers. Pneumatic rear springs with automatic level control, and gas-pressurized monotube shock absorbers

**Standard**  
Not available

**Optional (as part of Appearance Package)**  
Automatic 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 **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 control, and automatic speed-sensitive lowering at higher speeds or when in sport mode<sup>2</sup>

**Rack-and-pinion with vehicle-speed-sensitive power assist** and integrated hydraulic damper. **Steering-wheel turns:** 2.8 lock-to-lock. **Turning circle:** 37.4 ft/11.4 m curb-to-curb

**WHEELS / TIRES**

Wheels, aluminum-alloy, standard  
optional Appearance Package  
optional AMG Sport Package

Tires, steel-belted radial, standard  
optional Appearance Package  
optional AMG Sport Package

**Standard**  
E320 and E320 CDI Sedans: Front coil springs over gas-pressurized monotube shock absorbers. Separate rear coil springs and gas-pressurized monotube shock absorbers  
E320 Wagon: Front coil springs over gas-pressurized monotube shock absorbers. Pneumatic rear springs with automatic level control, and gas-pressurized monotube shock absorbers

**Standard**  
Not available

**Optional (as part of Appearance Package)**  
Automatic 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 **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 control, and automatic speed-sensitive lowering at higher speeds or when in sport mode<sup>2</sup>

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**BRAKES**

**Brake system**  
Brake discs, front—rear  
Brake calipers, front—rear

**Sensotronic Brake Control**

**Antilock Braking System (ABS) and Brake Assist**

4-circuit electrohydraulic  
12.3" ventilated—11.8" solid (Sedan) or ventilated (Wagon)  
Single-piston floating (front and rear)

4-circuit electrohydraulic  
13.0" ventilated—11.8" ventilated  
4-piston fixed—single-piston floating

4-circuit electrohydraulic  
14.2" perforated and ventilated—13.0" perforated and ventilated  
AMG 8-piston fixed—4-piston fixed

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. **Soft Stop** precisely modulates brake pressure as the car approaches a stop during normal braking. **Automatic brake drying** applies the brakes lightly and briefly based on windshield wiper use and driver braking intervals, to reduce moisture on the brake surfaces in wet weather. **Predictive brake priming** sets the brake pads near to the discs when the driver quickly releases the accelerator, for faster brake response

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. **Sensotronic** eliminates the pedal pulsation commonly associated with conventional brake systems and ABS.

**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<sup>3</sup>

**EXTERIOR DIMENSIONS**

	SEDANS	E320 WAGON	E500 4MATIC WAGON	SEDANS	WAGONS
Wheelbase	112.4 in./2,854 mm	112.4 in./2,854 mm	112.4 in./2,854 mm	374 in./9,511 mm	379 in./9,627 mm
Overall length	189.7 in./4,815 mm	191.7 in./4,868 mm	191.7 in./4,868 mm	419 in./10,655 mm	419 in./10,655 mm
Overall height	57.2 in./1,452 mm	58.9 in./1,495 mm, with roof rails	58.9 in./1,495 mm, with roof rails	56.4 in./1,432 mm	56.4 in./1,432 mm
Track, front	71.3 in./1,810 mm	71.7 in./1,822 mm	71.7 in./1,822 mm	37.7 in./957 mm	38.0 in./964 mm
Track, rear	61.1 in./1,552 mm	61.4 in./1,559 mm	61.4 in./1,559 mm	35.6 in./903 mm	36.0 in./915 mm
Coefficient of drag	0.27	0.30	0.32	97.2 cu ft/2,752 liters	96.2 cu ft/2,723 liters
Curb weight	E320: 3,691 lb/1,675 kg E320 CDI: 3,835 lb/1,740 kg E500: 3,812 lb/1,730 kg E55 AMG: 4,087 lb/1,855 kg	3,966 lb/1,800 kg	4,231 lb/1,920 kg	15.9 cu ft/450 liters	24.4 cu ft/690 liters, 3rd-row seat lowered 68.9 cu ft/1,950 liters, 2nd and 3rd-row seats lowered

<sup>1</sup> The E320 CDI Sedan does not meet the emissions requirements of California, Maine, Massachusetts, New York or Vermont, and is not available in these states.  
<sup>2</sup> No system, no matter how sophisticated, can repair the laws of physics or overcome careless driving actions. Best performance in snow is obtained with winter tires. Please always wear your seat belt.  
<sup>3</sup> 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.

<sup>4</sup> 2005 EPA estimated fuel economy for E320 CDI, 2004 figures for gasoline models. Compare the estimated mpg to the estimated mpg of other vehicles. You may get different mileage depending on how fast you drive, weather conditions and trip length. 2005 figures for gasoline models unavailable at time of publication. See your dealer.  
<sup>5</sup> Your actual highway mileage will probably be less than the highway estimate. 2005 figure shown for E320 CDI, 2004 figures for gasoline models. 2005 figures for gasoline models unavailable at time of publication.  
<sup>6</sup> Please obey local speed laws.

**E-Class equipment.**

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**EXTERIOR APPEARANCE**

■	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

**EXTERIOR FEATURES**

■	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 aluminum roof rails

**EXTERIOR LIGHTING**

■	Variable-focus halogen headlights 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 headlights 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 headlights 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

- STANDARD
- OPTIONAL
- NOT AVAILABLE

1 Optional as part of an Option Package, or may require additional options. See optional equipment listing on page 29.  
 2 When equipped with this option.  
 3 First year's basic Tele Aid service provided at no additional cost with subscription. Subscription and acquaintance call required for service to be active. System operates only where cellular and GPS coverage are available. Owner must authorize stolen vehicle tracking by providing a personal PIN code and file a police report. See dealer for details of telematics services.  
 4 Console and cupholder design subject to change during model year 2005 production.

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**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). Removable valet key. Panic alarm. 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 <sup>2</sup> ; 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 3 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 9 mph
■	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
■	Automatic anti-theft 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
■	Tele Aid GPS-based Stolen Vehicle Recovery allows law enforcement agencies to track and recover stolen vehicle <sup>3</sup>
■	Tele Aid Remote Door Unlock allows owner to have doors automatically unlocked in the event the SmartKey becomes locked inside vehicle <sup>3</sup>
■	Tele Aid Automatic Alarm Notification alerts Mercedes-Benz to contact vehicle owner if anti-theft alarm sounds <sup>4</sup>

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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 28)
■	■	■	■	■	■	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 center console with enclosed storage and dual front cupholders; <sup>4</sup> illuminated glovebox. Pop-open drawer in dash. Storage pocket with motorized wood-trimmed door behind central dash switch panel
■	■	■	■	■	■	Folding rear center armrest with enclosed storage and dual cupholders. Magazine pockets on front seatbacks. Pockets in all doors. Parcel net in right front footwell
■	■	■	■	■	■	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 <sup>5</sup> in cargo-area side panel
■	■	■	■	■	■	Illuminated, carpeted cargo area (with tie-down hooks on sedans with optional folding rear seats and wagons)

**CLIMATE CONTROL**

■	■	■	■	■	■	Dual-zone CFC-free automatic climate control with dual rotary temperature controls, automatic control of blower speed and airflow distribution (with manual override). Dash-top diffuser vent. Rear-cabin air vents at rear of front console
■	■	■	■	■	■	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 overdriving of cooled air
■	■	■	■	■	■	Tunnel mode offers one-touch closing of all windows, the sunroof <sup>6</sup> and cabin air intake by pressing and holding the air-recirculation button. Pressing button again restores previous window and sunroof positions

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**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
■	■	■	■	■	■	Premium leather upholstery on all seat surfaces (including head restraints and front seatbacks), door armrests and gathered door trim inserts
■	■	■	■	■	■	AMG-design two-tone Nappa leather upholstery featuring soft, sanded nubuck leather for perforated seat center panels and door trim inserts. Alcantara covering pillars, sun visors and ceiling
■	■	■	■	■	■	Leather-trimmed steering wheel and shift knob
■	■	■	■	■	■	AMG-design leather-trimmed sport steering wheel with raised thumbgrips and fingertip shift controls
■	■	■	■	■	■	Leather-trimmed AMG-design 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)

E-Class equipment continues.

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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 large color-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
■	harman/kardon® LOGIC7® digital surround sound system: 7-1 channel amplifier.
■	12 speakers (including dual surround speakers, plus a subwoofer on sedans or a bass enclosure on wagons).
■	Multichannel digital surround-sound technology developed for the professional recording industry, to provide a natural and realistic sound stage for FM radio, playback of audio CDs and optional SIRIUS Satellite Radio. <sup>3</sup>
■	Digital Dynamic Volume Control helps to preserve the sound balance under all driving conditions
■	Fiber-optic network offers precise, high-speed communication among components. Factory preparation for optional CD changer and cellular phone, and SIRIUS Satellite Radio <sup>3</sup> prewiring, using fiber-optic network
■	Tele Aid system uses GPS satellites plus a cellular link to provide 24-hour live assistance for emergency aid (SOS button), information (i-button) or Roadside Assistance (wrench button). Tele Aid basic services include Automatic Collision Notification (engages SOS function if an air bag or ETD deploys), Stolen Vehicle Tracking, Remote Door Unlock service and Dealer Connect <sup>4</sup>

**INSTRUMENTATION**

■	Electronic analog speedometer, tachometer and quartz clock, all with black faces and white markings, chrome rings, and glacier blue backlighting
■	AMG-design electronic analog speedometer, tachometer and quartz clock, all with ivory-color 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, Maintenance System (see below), tire pressure <sup>5</sup> and engine oil-level check. Radio station, CD player/CD changer. <sup>2</sup> Navigation system route guidance. <sup>2</sup> Distronic adaptive cruise control settings. <sup>7</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>8</sup>
■	Mercedes-Benz Maintenance 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 <sup>9</sup> ; exterior lamp failure; low fuel; engine oil, coolant and washer fluid; and to release parking brake, switch off headlights and remove ignition key

■ STANDARD  
□ OPTIONAL  
- NOT AVAILABLE

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**RESTRAINT SYSTEMS**

■	Integrated Restraint System: 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. <sup>5</sup> Outboard 2nd-row passengers are each provided with a side-impact air bag and 3-point seat belt with ETD and belt force limiter. Center 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>6</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>4</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>5</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

1 Optional as part of an Option Package, or may require additional options. See optional equipment listing at right.

2 When equipped with this option.

3 See dealer for availability details. While the SIRIUS network of satellite and terrestrial antennas provides nearly seamless service throughout the contiguous U.S., SIRIUS service may be unavailable or interrupted for a variety of reasons, including environmental or topographic conditions; in certain locations such as tunnels, parking garages, or within or next to large buildings; or near other technologies that can interfere with the SIRIUS signal. Programming subject to change. Not available in Alaska, Hawaii or Puerto Rico.

4 First year's basic Tele Aid service provided at no additional cost with subscription. Subscription and acquaintance call required for service to be active. System operates only where cellular and GPS coverage are available. Owner must authorize stolen vehicle tracking by providing a personal PIN code and file a police report. See dealer for details of telematics services.

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.**

6 Not available with Heating Package.

7 DVD-ROM maps do not cover all areas nor all routes within an area. One U.S./Canada DVD-ROM is included with vehicle.

8 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.

9 E 320 CDI, E 320 and E 500 *designo* editions require heated front seats, Active Ventilated front seats or Premium Package.

	E 320 SEDAN	E 320 CDI SEDAN	E 320 WAGON	E 500 SEDAN	E 500 4MATIC WAGON	E 55 AMG SPORT SEDAN
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**INDIVIDUAL OPTIONS**

4MATIC™ all-wheel drive (includes 5-speed automatic transmission)	□	□	□	■	□	□
Distronic adaptive cruise control (see page 22)	□	□	□	□	□	□
Keyless Go vehicle entry and starting system (see page 23)	□	□	□	□	□	□
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	□	□	□	□	□	□
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 (not available with Sunroof Package)	□	□	□	□	□	□
Power rear-window sunshade, with one-touch express-up/down	□	□	□	□	□	□
Manual roller-type sunshades for windows in rear doors	□	□	□	□	□	□
Heated front seats	□	□	□	□	□	□
Active Ventilated front seats, with heating feature (requires premium leather on E 320 and E 320 CDI models)	□	□	□	□	□	□
Drive-Dynamic front seats (including features of dynamic multicontour seats; see page 22)	□	□	□	□	□	□
Premium leather upholstery	□	□	□	□	□	□
Leather and wood trimmed steering wheel (also included with E 320, E 320 CDI and E 500 <i>designo</i> editions)	□	□	□	□	□	□
Burl Walnut wood interior trim	□	□	□	□	□	□
Integrated single-feed in-dash 6-disc CD changer, concealed behind motorized wood-trimmed door	□	□	□	□	□	□
SIRIUS Satellite Radio equipment (see page 23) <sup>3</sup>	□	□	□	□	□	□
COMMAND-DVD in-dash GPS navigation system, with map database for the contiguous U.S., Hawaii and Canada on a single DVD; DVD-ROM drive concealed in trunk (sedans) or cargo area (wagons)	□	□	□	□	□	□
Hands-Free Communication System. (Requires accessory telephone handset and cradle, sold separately. See your dealer for selection)	□	□	□	□	□	□
Hands-Free Communication System with voice control for commonly used telephone and audio system features. (Requires accessory telephone handset and cradle, sold separately. See your dealer for selection)	□	□	□	□	□	□
Parktronic audio-visual parking assistance system (see page 22)	□	□	□	□	□	□
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 on E 500 models and E 55 AMG)	□	□	□	□	□	□

	E 320 SEDAN	E 320 CDI SEDAN	E 320 WAGON	E 500 SEDAN	E 500 4MATIC WAGON	E 55 AMG SPORT SEDAN
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**OPTION PACKAGES**

<b>AMG Sport Package</b> (not available with 4MATIC all-wheel drive or Appearance Package): AMG-design front air dam and rear apron (standard on E 55 AMG). Dual polished chrome exhaust tips. Four staggered-width 18" AMG ultrathin-spoke monoblock wheels with high-performance tires*	□	□	□	□	□	□
<b>Appearance Package</b> (not available with AMG Sport Package): Four 17" 5-spoke alloy wheels with 245/45HR17 all-season performance tires. Sculpted lower bodywork. Black grille with five chrome ribs and chrome surround. Blue-tinted glass. Lighting Package (see below). All-LED brake lamps. Matte chrome instrument-cluster bezel, gearshift surround and shift-knob inlay. Black Birdseye Maple or Burl Walnut wood interior trim. E 320 models also add Airmatic Dual Control suspension with ADS II	□	□	□	□	□	□
<b>Sunroof Package</b> (not available with Panorama roof): Power tilt/sliding tinted glass sunroof with one-touch open/close and memory (standard on E 55 AMG). Power rear-window sunshade (sedans). Manual roller-type sunshades for rear side door windows	□	□	□	□	□	□
<b>Lighting Package:</b> Bi-Xenon low-beam and high-beam headlamps with active curve illumination system (see page 22). Heated headlamp washers	□	□	□	□	□	□
<b>Heating Package</b> (not available on <i>designo</i> editions or with wood and leather trimmed steering wheel): Heated front seats (standard on E 55 AMG). Heated steering wheel	□	□	□	□	□	□
<b>Rear Seat Package:</b> 60/40-split folding rear seatbacks and flip-forward seat cushions (standard on wagons). Center-armrest pass-through with ski sack	□	□	□	□	□	□
<b>Entertainment Package:</b> harman/kardon LOGIC7 surround sound system (see Audio Systems, at left; standard on E 55 AMG). Integrated single-feed in-dash 6-disc CD changer	□	□	□	□	□	□
<b>Premium Package:</b> All items in Sunroof Package and Entertainment Package. Drive-Dynamic front seats with dynamic multicontour seatbacks. COMMAND-DVD navigation system*	□	□	□	□	□	□

***designo* EDITIONS**

<b>Silver Edition:</b> <i>designo</i> Silver metallic paint. Stone interior with <i>designo</i> Stone Nappa leather and Brown Poplar wood trim. Wood and leather trimmed steering wheel. Stone <i>designo</i> floor mats with leather trim	□	□	□	□	□	□
<b>Espresso Edition:</b> <i>designo</i> Mocha Black metallic paint. Charcoal interior with <i>designo</i> Sand Nappa leather and Brown Poplar wood trim. Wood and leather trimmed steering wheel (except E 55 AMG). Charcoal <i>designo</i> floor mats with leather trim	□	□	□	□	□	□
<b>Graphite Edition:</b> <i>designo</i> Graphite metallic paint. Charcoal interior with <i>designo</i> Graphite Nappa leather and Brown Poplar wood trim. Wood and leather trimmed steering wheel (except E 55 AMG). Charcoal <i>designo</i> floor mats with leather trim	□	□	□	□	□	□

Paintwork and upholstery.

**COLOR COMBINATIONS**

**E320 AND E320 CDI MODELS**

Paint	Code	Color	185	189	197	353	359	368	567	693	723	744	747	816	904	960	
	040	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Upholstery</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard M-B Tex with leather front seating inserts		Charcoal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Stone	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Ash	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
□ Optional premium leather		Charcoal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Stone	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Ash	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Interior trim</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard		Burl Walnut wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
□ Optional Appearance Package <sup>2</sup>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Black Birdseye Maple wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Burl Walnut wood (no extra charge)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**E500 MODELS**

Paint	Code	Color	185	189	197	353	359	368	567	693	723	744	747	816	904	960	
	040	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Upholstery</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard premium leather		Charcoal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Stone	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Ash	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Interior trim</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard		Burl Walnut wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
□ Optional Appearance Package			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Black Birdseye Maple wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Burl Walnut wood (no extra charge)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**E55 AMG**

Paint	Code	Color	185	189	197	353	359	368	567	693	723	744	747	816	904	960	
	040	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Upholstery</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard AMG-design		Nappa/nubuck color	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Charcoal/Charcoal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Charcoal/Dark Blue	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		Charcoal/Merlot Red	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Interior trim</b>			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
■ Standard		Black Birdseye Maple wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
□ Optional		Burl Walnut wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- STANDARD COMBINATION
- SPECIAL-ORDER COMBINATION<sup>3</sup>
- NOT AVAILABLE

1 Metallic paint is optional at extra cost on E320 and E320 CDI models.  
 2 Not available on E320 CDI Sedan.  
 3 Special-order option. A one-time surcharge applies when any one or more special-order options or color combinations are ordered.

4 *designo* Espresso and Graphite Editions are optional on all models. *designo* Silver Edition is optional on E320, E320 CDI and E500 models, and not available on E55 AMG, E520, E320 CDI and E500 *designo* editions require heated front seats, Active Ventilated front seats or Premium Package. Heated steering wheel and Heating Package are not available on *designo* editions.