

M-Class

ML 350 ML 500

Mercedes-Benz 2006



Mercedes-Benz

MAKING HISTORY RUNS IN OUR FAMILY.

The Mercedes-Benz legacy is rich in firsts and foremost. With its unprecedented levels of civility and safety, the original M-Class reinvented the very essence of a midsize luxury SUV. For 2006, the newly redesigned M-Class exceeds every key benchmark of its pioneering predecessor, and sets new ones of its own. Bold styling, with more aggressively chiseled contours. An elegantly sporty interior with even greater comfort. Dynamic powertrains, all featuring our revolutionary 7-speed automatic transmission. Unit-body construction, sophisticated 4-wheel independent suspension and an advanced 4-wheel drive system, for an inspired balance of control and confidence. Brilliantly innovative, superbly refined and, as always, supremely self-assured, the new M-Class elevates the Mercedes-Benz tradition of pure driving pleasure.



ML500 shown in optional Alpine Rain metallic with optional Sunroof, Lighting and Appearance Packages.



SPECIFICATIONS P24/25

ENGINE	ML 350	ML 500
Engine size and type	3,498-cc DOHC 24-valve 90° V-6	4,966-cc SOHC 24-valve 90° V-8
Construction	High-pressure die-cast alloy cylinder block. Alloy heads. Counter-rotating balance shaft	High-pressure die-cast alloy cylinder block. Alloy heads
Net power	268 hp @ 6,000 rpm	302 hp @ 5,600 rpm
Net torque	258 lb-ft @ 2,400–5,000 rpm	339 lb-ft @ 2,700–4,250 rpm
Compression ratio	10.7:1	10.0:1
Induction	Dual overhead camshafts with continuously variable intake and exhaust timing . Magnesium 2-stage resonance intake manifold increases intake runner length at lower rpm for improved response. Electropneumatic turbulence flaps at start of intake path help increase intake airflow speed at midrange rpm for greater air–fuel mixture swirling and stronger, more complete combustion	Magnesium 2-stage resonance intake manifold increases intake runner length at lower rpm for improved response
Fuel and ignition system	ME 9.7 engine management. Integrated sequential multipoint fuel injection and ignition includes individual cylinder control of fuel spray, spark timing and antiknock. Electronic throttle. One high-energy ignition coil and spark plug per cylinder. 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/phase and antiknock. Electronic throttle. Two high-energy ignition coils and two spark plugs per cylinder. 100,000-mile spark-plug intervals
Fuel requirement	Premium unleaded gasoline , 91 pump octane	Premium unleaded gasoline , 91 pump octane
Fuel tank (capacity—reserve)	25.1 gal/95.0 liters—3.4 gal/13.0 liters	25.1 gal/95.0 liters—3.4 gal/13.0 liters

DRIVETRAIN		
Transmission type	7-speed automatic with Direct Select™ shifter	7-speed automatic with Direct Select shifter
Transmission features	Electronically controlled shifting. Column-mounted Direct Select shifter provides convenient selection of Park, Reverse, Neutral and Drive. Touch Shift with fingertip shift controls allows driver to manually downshift and allow upshifts in Drive, via rocker buttons behind the upper steering-wheel spokes. Driver-adaptive programming adjusts shift points to the driver's current driving style. Selecting off-road driving program (see below) raises shift points automatically. Shift into Optimum Gear programming allows one-touch selection of the best gear for maximum acceleration or engine braking by holding a Touch Shift button in the downshift position for one second	
Drive configuration	Permanent full-time 4-wheel drive , with 50/50 front/rear torque split maintained via a single-speed transfer case and center differential	
Axle ratio	Front and rear: 3.90:1	Front and rear: 3.70:1
Off-road driving program	One-button off-road program allows driver to simultaneously engage programming recalibrations of the traction system, antilock brakes, engine management and automatic transmission designed to enhance control in conditions typical of off-highway driving ¹	
Downhill Speed Regulation	Driver-activated DSR automatically modulates the throttle, brakes and ABS to maintain a preset crawl speed when descending hills. Speed is pre-programmed at 4 mph but may be adjusted between 3 mph and 10 mph via the multifunction steering wheel. DSR can be used when gear selector is in Drive or Reverse. Driver can override DSR by pressing the accelerator or switching DSR off via its console-mounted switch	
Hill-start assist	To help prevent unwanted vehicle rollback when taking off from a stop on an incline, hill-start assist automatically maintains brake pressure for approximately one second after the driver releases the brake pedal. The system is automatically deactivated when the vehicle is level, the gear selector is in Park or Neutral, or the parking brake is set	

TRACTION / STABILITY		
4-wheel Electronic Traction System (4-ETS+)	Standard 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 or wheels with traction ²	
Electronic Stability Program	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 ²	

PERFORMANCE		
Acceleration, 0–60 mph³	8.2 seconds	6.7 seconds
Fuel economy, EPA estimate⁴ highway estimate⁵	Information not available. See your dealer	Information not available. See your dealer
Towing capacity⁶	5,000 lb (Class III)	5,000 lb (Class III)

1 Off-road driving should only be attempted by drivers with the necessary skill, experience and understanding of the vehicle's limits.

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

3 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.

4 2006 EPA estimated fuel economy. Compare the estimated mpg to the estimated mpg

of other vehicles. You may get different mileage depending on how fast you drive, weather conditions and trip length.

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

6 With optional trailer hitch kit and trailer brakes. Read Operator's Manual before towing.

CHASSIS	ML 350	ML 500
Suspension configuration	Front: Independent double wishbone with high-strength forged aluminum-alloy upper arms and cast iron lower arms. Antidive geometry. Stabilizer bar Rear: Independent 4-arm multilink. High-strength forged aluminum-alloy upper arms. Geometry for antisquat and alignment control. Stabilizer bar	
Steel spring-strut system	Standard: Front coil springs over gas-pressurized monotube shock absorbers. Separate rear coil springs and gas-pressurized monotube shock absorbers	
Airmatic air suspension with Adaptive Damping System (ADS II)	Optional Electronically controlled pneumatic spring-struts integrate variable-rate shock absorbers and coil springs Adaptive Damping System (ADS II) continually optimizes ride and handling by automatically selecting one of four damping profiles for each spring-strut every time a wheel changes its direction of up-down travel Driver-selectable Auto, Comfort and Sport modes change the thresholds of wheel/body movement at which the damping profiles are changed Automatic 4-wheel level control includes driver-selectable ride height , which can raise the vehicle by up to 3.1 inches with the touch of a button, and automatic speed-sensitive lowering , which can reduce the ride height by 0.6 inch at higher speeds ⁷	Optional
Steering	Rack-and-pinion with integrated hydraulic damper. Steering wheel turns: 3.62 lock-to-lock. Turning circle: 37.9 ft/11.6 m curb-to-curb	
Power assist	Constant (vehicle speed-sensitive with optional Air Suspension Package)	Vehicle speed-sensitive

WHEELS / TIRES	ML 350	ML 500
Wheels, aluminum-alloy	Standard 7-spoke design, 7.5Jx17	Standard 5-spoke design, 8.0Jx18
Optional ⁸ With Appearance Package ⁸ With AMG Sport Package ⁸	5-twin-spoke design, 8.0Jx18 Appearance Package: Ribbed 5-spoke design in Silver or chrome finish, 8.0Jx19 AMG Sport Package: AMG 5-spoke monoblock design, 8.0Jx19	5-twin-spoke design, 8.0Jx18 Appearance Package: Ribbed 5-spoke design in Silver or chrome finish, 8.0Jx19 AMG Sport Package: AMG 5-spoke monoblock design, 8.0Jx19
Tires, steel-belted radial	Standard 235/65 R17 104H all-season performance	Standard 255/55 R18 105H all-season performance
With 5-twin-spoke wheels ⁸ With Appearance Package ⁸ With AMG Sport Package ⁸	255/55 R18 105H all-season performance 255/50 R19 103W high-performance ⁹ 255/50 R19 103W high-performance ⁹	255/55 R18 105H all-season performance 255/50 R19 103W high-performance ⁹ 255/50 R19 103W high-performance ⁹

BRAKES	ML 350	ML 500
Brake system	Dual-circuit power-assisted 4-wheel disc	
Brake discs, front–rear	13.0" internally ventilated– 13.0" solid	13.8" internally ventilated– 13.0" internally ventilated
Antilock Braking System	Standard 4-channel ABS senses impending wheel lockup under heavy braking and pumps the front brakes individually or the rear brakes together (to help maintain stability) as needed up to 30 times per second, to prevent lockup and maintain steering ability. With off-road driving program selected, automatic loose-surface program helps shorten stopping distances from speeds under 18 mph	
Brake Assist	Brake Assist senses emergency braking via the speed at which the driver presses the brake pedal and immediately applies maximum available power boost, potentially reducing the overall stopping distance by eliminating the delay caused by a common human tendency not to brake hard enough, soon enough. Letting up on the brake pedal releases Brake Assist ¹⁰	
Electronic Brake Force Distribution	Standard Electronic Brake Force Distribution shifts additional brake force to the rear wheels in straight-line braking, to promote more even brake-pad wear. For stability in curves, a normal front/rear split is restored	

EXTERIOR DIMENSIONS ¹¹	ML 350	ML 500
Wheelbase	114.7 in/2,915 mm	114.7 in/2,915 mm
Overall length	188.5 in/4,788 mm	188.5 in/4,788 mm
Overall height	69.8 in/1,773 mm, without roof rails	71.5 in/1,815 mm, including roof rails
Overall width	75.2 in/1,910 mm	75.2 in/1,910 mm
Track, front–rear	64.0 in/1,627 mm–64.1 in/1,629 mm	64.0 in/1,627 mm–64.1 in/1,629 mm
Drag coefficient	0.34	0.34
Curb weight	4,623 lb/2,095 kg	4,743 lb/2,150 kg
Ground clearance		
With steel-spring suspension	8.3 in/210 mm	8.3 in/210 mm
With Airmatic air suspension	7.1 in/180 mm lowered– 11.4 in/290 mm raised	7.1 in/180 mm lowered– 11.4 in/290 mm raised

INTERIOR DIMENSIONS ¹¹	ML 350	ML 500
Headroom, front	39.9 in/1,014 mm	39.9 in/1,014 mm
Legroom, front	42.2 in/1,072 mm	42.2 in/1,072 mm
Shoulder room, front	59.9 in/1,522 mm	59.9 in/1,522 mm
Headroom, rear	39.8 in/1,011 mm	39.8 in/1,011 mm
Legroom, rear	40.0 in/1,016 mm	40.0 in/1,016 mm
Shoulder room, rear	59.8 in/1,519 mm	59.8 in/1,519 mm
Cargo capacity, floor to ceiling¹²		
Rear seats in use	29.4 cu ft/833 liters	29.4 cu ft/833 liters
Rear seats lowered	72.4 cu ft/2,050 liters	72.4 cu ft/2,050 liters

⁷ Please obey all speed laws.

⁸ Optional 5-twin-spoke wheel, Appearance Package and AMG Sport Package may not be ordered together.

⁹ W-rated tires are optimized for performance driving and may provide reduced ride comfort,

increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires.

¹⁰ Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

¹¹ Dimensions shown are for models with standard equipment plus optional Sunroof Package.

¹² Unsecured cargo can become hazardous in a collision. Always secure cargo using the floor-mounted tie-downs.

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EXTERIOR APPEARANCE

- – Four 17" 7-spoke alloy wheels with 235/65 R17 all-season performance tires
- ■ Four 18" 5-spoke alloy wheels with 255/55 R18 all-season performance tires
- – Black grille with black ribs. Color-keyed door handles and bodyside moldings
- ¹ ■ Silver grille with chrome ribs. Chrome-trimmed color-keyed door handles and bodyside moldings
- – Color-keyed bumpers with Silver insert in front apron
- ■ Color-keyed bumpers with brushed chrome front and rear skid plates
- ¹ ■ Dual square polished stainless-steel exhaust tips

EXTERIOR FEATURES

- ■ Dual power mirrors, automatically heated
- – Neutral-tinted glass for all windows
- ¹ ■ Neutral-tinted glass for windshield and front doors. Privacy glass for rear doors, rear quarters and tailgate
- ■ Dual aero-blade windshield wipers
- ¹ ■ Infrared rain sensor automatically adjusts wiper speed and intermittent wiper frequency from infinite delay to constant wiping based on amount of rainfall measured on windshield
- ■ Intermittent rear-window wiper with washer. When the front wipers are on, shifting to Reverse activates the rear-window wiper
- ■ Electrically heated rear window with auto-shutoff based on time and outside temperature
- ■ Electrically assisted tailgate closing feature gently pulls tailgate snug once it is set on its latch
- ■ Brushed chrome protective sill plate on rear bumper
- ¹ ■ Black protective-coated roof rails (with 220-lb roof load capacity)

STANDARD WHEELS



17" 7-spoke wheel
Standard on ML 350



18" 5-spoke wheel
Standard on ML 500

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EXTERIOR LIGHTING

- ■ 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
- ■ 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, 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
 - Tailgate unlock button (or optional power tailgate open/close)
 - Removable valet key
 - Panic alarm
- ■ SmartKey remote locking uses redundant infrared and radio-frequency signals for improved range, and rolling-code signal for protection from transmitter cloning. Driver may selectively unlock only the driver's door and fuel filler, or all doors plus the tailgate and fuel filler
- ■ SmartKey offers infrared-remote opening/closing of windows and optional sunroof
- ■ Driver-programmable driveaway locking automatically locks the doors when the vehicle reaches 9 mph
- ■ Night security illumination uses the vehicle'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 vehicle's lights to help light a return path when the car is remote-unlocked in darkness. Unlocking car activates illuminated entry system
- ■ Automatic antitheft alarm system with towaway protection and remote panic feature
- ¹ ■ Integrated 3-button garage door control, compatible with HomeLink® components and some other systems
- ¹ ■ Tele Aid GPS-based Stolen Vehicle Recovery allows law enforcement agencies to track and recover stolen vehicle²
- ¹ ■ Tele Aid Remote Door Unlock allows owner to have doors automatically unlocked in the event the SmartKey becomes locked inside vehicle²
- ¹ ■ Tele Aid Automatic Alarm Notification alerts Mercedes-Benz to contact vehicle owner if antitheft alarm sounds²

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INTERIOR FEATURES

- ■ Multifunction steering wheel provides convenient, additional controls for basic functions of audio system and optional phone, plus operation of multifunction display (see Instrumentation, below right)
- ■ Power windows, all with one-touch express-up/down
- ■ 4-way (tilt/telescoping) manually adjustable steering column
- ■ Electronic cruise control
- ■ Four reading lamps. Courtesy lamps with programmable fade-out time. Entrance lamps in all four doors. Front footwell lighting. Low-intensity ambient lighting of center console
- ■ Illuminated vanity mirrors in sun visors
- ■ Front center console with padded armrest, metal-trimmed lateral assist grips, enclosed storage and dual large-capacity cupholders
- ■ Illuminated two-tier glovebox. 12-volt power outlets in ashtray (with lighter) and below glovebox
- ■ Folding rear center armrest with enclosed storage and dual cupholders. Two 12-volt power outlets at rear of front console
- ■ Magazine nets on backs of front seats. Parcel net in right front footwell
- ■ Illuminated, carpeted cargo area with floor-mounted tie-down hooks, grocery-bag hooks on back of rear seat, and 12-volt power outlet in side panel

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. Rear-cabin controls for automatic and manual airflow distribution, and rear-vent shutoff
- ■ Electrostatic dust and pollen filter
- ■ Tunnel mode offers one-touch closing of all windows, the optional sunroof and cabin air intake by holding the air-recirculation button. Holding button again restores previous window and sunroof positions

SEATING

- ■ 8-way power-adjustable front seats. Driver's adjustable lumbar support
- ¹ ■ Heated front seats
- ■ 60/40-split folding rear seatbacks and flip-forward seat cushions

UPHOLSTERY / TRIM

- – Cloth upholstery with M-B Tex trim
- ¹ ■ M-B Tex upholstery with leather front seating inserts
- ¹ ■ Leather-trimmed steering wheel
- □¹ Aluminum trim on doors and along console assist grips
- ¹ ■ Polished Burl Walnut wood trim on console and doors. Aluminum trim along console assist grips
- ■ Stainless-steel door sill trim, including tailgate
- ■ Velour floor carpeting and floor mats

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AUDIO / TELEMATICS

- ■ Modular COMAND Cockpit Management and Data system integrates:
 - AM/FM stereo/weatherband radio, single-CD player, and a large color-LCD screen
 - Controls for optional glovebox-mounted single-feed 6-disc CD changer, navigation system and phone
 - Ten mode-dependent soft keys alongside screen for easy access to commands and menus
- ■ 8-speaker audio system with automatic speed-sensitive volume adjustment
- ■ Auxiliary input jack in glovebox allows connection of an iPod or other MP3 player to audio system
- ■ Fiber-optic network offers precise, high-speed communication among components and includes factory preparation for optional CD changer and phone, and SIRIUS Satellite Radio prewiring
- ¹ ■ 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)
 - Basic Tele Aid Security & Care service includes Automatic Collision Notification, Stolen Vehicle Recovery, Remote Door Unlock service and Dealer Connect²

INSTRUMENTATION

- ■ Electronic analog speedometer, tachometer, fuel gauge and quartz clock. Black gauges with white markings and glacier blue backlighting, set in angled tubes with Silver rings
- ■ Digital display for odometer and Direct Select™ gear selection
- ■ Multifunction display in instrument cluster, 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) and engine oil-level check
 - Radio station, CD player/optional CD changer, iPod playlist/track (with accessory iPod integration kit)
 - Optional navigation system route guidance
 - Vehicle reminder and malfunction messages
 - Driver-programmable settings for instruments, lighting, vehicle and convenience features
 - Trip computer (elapsed time, fuel consumption, distance to empty)
 - Optional mobile phone book
- ■ Low tire-pressure warning system (alerts driver to a loss of tire pressure via the multifunction display)
- ■ 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
- ■ Messages/audible reminders for open door or optional sunroof; exterior lamp failure; low fuel, engine oil, coolant or washer fluid; and to release parking brake, switch off headlights or remove ignition key

M-Class equipment continues.

¹ Also available or only available as part of an Option Package, or may require additional options. See optional equipment listing on pages 28–29.

² When equipped with Tele Aid, first year's Tele Aid Security & Care 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, and requires adequate power supply. Owner must authorize stolen vehicle tracking with a PIN code and file a police report. See dealer for details of telematics services.

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RESTRAINT SYSTEMS

- ■ Integrated Restraint System²:
 - 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 belt force limiter
 - Outboard 2nd-row passengers are each provided with a 3-point seat belt with ETD and belt force limiter
 - Center 2nd-row passenger is provided with a 3-point seat belt
- ■ Head Protection Curtains²:
 - 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 exceeding a preset deployment threshold²
- ■ Occupant Classification System²:
 - 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
- ■ 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
- ¹ ■ Automatic Collision Notification engages Tele Aid SOS function if an air bag or ETD deploys³
- ■ Universal LATCH system (Lower Anchors and Tethers for Children) at outboard rear seating positions, with an additional tether at the center rear seat. Selectable passenger seat-belt retractors help secure child seats²
- ■ Front seat belts include manually height-adjustable shoulder belts and lower points attached to seat frames
- ■ Front head restraints, adjustable for height and fore-aft
- ■ Three individually height-adjustable and retractable rear head restraints

¹ Also available or only available as part of an Option Package, or may require additional options. See optional equipment listing above.

² **WARNING:** THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY TO A CHILD UNDER AGE 13. THE SAFEST SEATING POSITION FOR YOUR CHILD IS IN THE REAR SEAT, BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. **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.

³ First year's Tele Aid Security & Care 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, and requires adequate power supply. Owner must authorize stolen vehicle tracking with a PIN code and file a police report. See dealer for details of telematics services.

⁴ Requires Sunroof Package, plus Trim Package, Appearance Package or Premium Package.

⁵ Read Operator's Manual before towing.

⁶ Requires Sunroof Package. ML 350 also requires either Trim Package or Appearance Package. Also available as part of Premium Package.

⁷ Programming subject to change. Not available in Alaska, Hawaii or Puerto Rico. 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.

⁸ DVD-ROM maps do not cover all areas nor all routes within an area. One U.S./Canada DVD-ROM is included with vehicle.

⁹ W-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires.

¹⁰ Requires Sunroof Package, plus Trim Package or Premium Package.

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INDIVIDUAL OPTIONS

- □ Keyless Go vehicle entry and starting system
- ⁴ □ 18" 5-twin-spoke alloy wheels and tires (not available with Appearance Package or AMG Sport Package)
- ⁴ □ Class III trailer hitch kit⁵
- ⁶ □⁶ 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
- ⁴ □ 3-zone CFC-free automatic climate control, with:
 - Individual digital temperature/airflow controls for driver, front passenger and rear cabin
 - Automatic control of blower speed and airflow distribution (with manual override)
 - Rear-cabin operating panel with controls for temperature, blower speed and airflow direction
 - Front-cabin operating panel can control rear-cabin settings
 - Sun sensor
 - Activated charcoal filter with smog-sensing automatic recirculation mode
 - Infrared-reflecting glass for windshield and front doors helps reduce radiant heat penetration
- ⁴ ■ Heated front seats
- ⁴ □ SIRIUS Satellite Radio equipment (see page 23)⁷
- ⁴ □ COMAND-DVD in-dash GPS navigation system, with map database for the contiguous U.S., Canada and Oahu, Hawaii, all on a single DVD.⁸ DVD-ROM drive concealed behind flip-down in-dash screen
- □ Dealer-installed accessory iPod® integration kit allows any Apple® iPod model with dock connector to fully integrate with audio system plus multifunction steering wheel and display. iPod docks in glovebox and its battery is recharged while it plays
- □ Hands-Free Communication System, with or without voice control for commonly used telephone and audio system features. (Dealer-installed accessory. Requires accessory telephone handset and cradle, sold separately. Availability is delayed. See dealer for selection)
- ⁴ □ Parktronic audio-visual parking assistance system
- ⁴ □ Seat-mounted side-impact air bags for outboard rear-seat passengers²
- □ Metallic paint

OPTIONAL WHEELS



Optional 18" wheel
ML 350 and ML 500

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OPTION PACKAGES

- Sunroof Package:**
- Power tilt/sliding tinted glass sunroof with one-touch express-open/close and memory
 - Infrared rain sensor for intermittent windshield wipers (standard on ML 500)
 - Dual two-piece sun visors
- Trim Package** (ML 350 requires Sunroof Package; not available with Premium Package or Appearance Package):
- Privacy glass for rear doors, rear quarters and tailgate
 - Protective-coated roof rails
 - Leather front seating inserts with M-B Tex trim and rear-seat upholstery
 - Leather-trimmed steering wheel
 - Polished Birdseye Maple (ML 350; Burl Walnut standard on ML 500) wood trim on console and doors
 - Integrated 3-button garage door control, compatible with HomeLink® and some other systems
 - Tele Aid system,³ which 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 Security & Care service includes:
 - Automatic Collision Notification: Engages SOS function if an air bag or ETD deploys
 - Stolen Vehicle Recovery: Allows law enforcement agencies to track and recover stolen vehicle
 - Remote Door Unlock: Allows owner to have doors automatically unlocked in the event the SmartKey becomes locked inside vehicle
 - Automatic Alarm Notification: Alerts Mercedes-Benz to contact vehicle owner if anti-theft alarm sounds
 - Dealer Connect: Allows owner to initiate contact with a dealer for appointments and other services
- Premium Package** (requires Sunroof Package; not available with Trim Package or Appearance Package):
- Privacy glass for rear doors, rear quarters and tailgate (standard on ML 500)
 - Protective-coated roof rails (standard on ML 500)
 - Power tailgate
 - Multicontour front seats, with pneumatically adjustable side bolsters, thigh support and lumbar support
 - Leather upholstery on all seating surfaces and head restraints
 - Polished Burl Walnut (standard on ML 500) wood trim on steering wheel, console and doors
 - COMAND-DVD navigation system⁶
 - Ambient interior lighting of door handles, front cupholders, rear footwells, front console storage compartment and cargo area
 - Integrated HomeLink-compatible 3-button garage door control (standard on ML 500)
 - Tele Aid system³ (standard on ML 500; see description under Trim Package, above)
- Appearance Package** (requires Sunroof Package; not available with Trim, Premium or AMG Sport Package):
- Four 19" ribbed 5-spoke alloy wheels (in Silver-painted finish, or optional chrome finish at extra cost) with 255/50R19 high-performance tires⁹
 - Silver grille with chrome ribs. Chrome-trimmed door handles and bodyside moldings (standard on ML 500)
 - Smoke-tinted taillamp lenses
 - Blue-tinted glass for windshield and front doors
 - Privacy glass for rear doors, rear quarters and tailgate (standard on ML 500)
 - Protective-coated roof rails (standard on ML 500)
 - Sport instrument cluster with matte chrome bezel
 - Alcantara front and rear seat inserts with M-B Tex trim
 - Aluminum interior trim. Brushed stainless-steel pedals with rubber studs
 - Ambient interior lighting of door handles, front cupholders, rear footwells, front console storage compartment and cargo area
 - Integrated HomeLink-compatible 3-button garage door control (standard on ML 500)
 - Tele Aid system³ (standard on ML 500; see description under Trim Package, above)

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OPTION PACKAGES

- Comfort Package:**
- Auto-dimming left-side and inside rearview mirrors
 - Power fold-in feature for outside mirrors
 - Parking-assist right-side mirror can tilt down automatically when driver shifts to Reverse
 - 10-way power front seats and head restraints, each with 3-position memory. Driver's seat memory includes steering column and outside mirror positions
 - 4-way power steering column
 - 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
 - Cargo management system: Aluminum runners in cargo floor, four adjustable anchors, plus attachments including telescoping crossbars and retractable belt reel for helping to secure odd-shaped objects
 - Retractable/removable vertical partition net and horizontal luggage cover
- Lighting Package:**
- Bi-Xenon headlamps with active curve illumination and heated headlamp washers
 - Corner-illuminating front foglamps
- Entertainment Package:**
- harman/kardon® LOGIC7® digital surround sound system:
 - 11 speakers, including dual surround speakers, plus a subwoofer
 - 7.1-channel amplifier. Multichannel digital surround-sound technology originally 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 Radio⁷
 - Digital Dynamic Volume Control helps to preserve sound balance under all driving conditions
 - Integrated glovebox-mounted single-feed 6-disc CD changer, with MP3 capability
- Air Suspension Package:**
- Airmatic air suspension with driver-adjustable height control and automatic 4-wheel level control
 - Adaptive Damping System (ADS) with driver-selectable Auto, Comfort and Sport modes
 - Vehicle speed-sensitive power steering (standard on ML 500)
- AMG Sport Package** (not available with Appearance Package):
- AMG-design front and rear bumpers
 - Four 19" AMG 5-spoke monoblock wheels with 255/50R19 high-performance tires⁹
 - Dual square polished stainless-steel exhaust tips

■ STANDARD
□ OPTIONAL
- NOT AVAILABLE

OPTION PACKAGE WHEELS



Optional 19" wheel
Appearance Package
(also available in chrome finish)



Optional 19" wheel
AMG Sport Package



ML350 shown in optional Alpine Rain metallic with optional Sunroof and Trim Packages.

IT HAS
A STYLE
ALL
YOUR OWN.

One look—or better yet, one drive—and you'll know it's true. From its striking visual presence to its exhilarating performance, the new ML 350 is the SUV you've been waiting for. Beauty runs deep here, from dramatically styled projector-beam headlamps to a spacious 5-passenger cabin with sporty aluminum or optional wood trim. At its heart, a brilliant new powertrain teams a 268-hp 3.5-liter DOHC V-6 with the industry's first 7-speed automatic transmission. While full-time 4-wheel drive and our Electronic Stability Program (ESP) help the ML 350 master any road in every season, 4-wheel independent multilink suspension creates an ideal union of comfort and control. The new ML 350 is one travel mate that is always prepared to make you look—and feel—good.



17" 7-spoke alloy wheels

Standard 17" alloy wheels with a 7-spoke design provide an energetic complement to the ML 350's crisp exterior styling.

a.

Active Bi-Xenon headlamps

Optional curve-illuminating Bi-Xenon headlamps help provide better vision over longer distances on both high and low beams. They monitor steering angle and driving speed, then swivel in the direction the vehicle is traveling to better illuminate the road ahead. High-pressure headlamp washers are included, as are corner-illuminating front foglamps to help you negotiate dark driveways.

b.

Standard rear-window wiper and accessory rear spoiler

Shift into Reverse while the front wipers are on and the standard rear-window wiper on your M-Class automatically activates to help improve your rearward vision. The sleekly sculpted accessory rear spoiler enhances the appearance of your M-Class while helping improve airflow.

DRIVING
 PASSION
 COMES FROM
 DEEP INSIDE.

You know that little voice? The one that keeps urging you to find new reasons to take the scenic route, even when you're just heading to the grocery store? We know it, too. That's why, in addition to giving the new ML 500 distinctive exterior elements and a luxurious interior trimmed in leather and wood, we made it a sport utility vehicle with sports-car spirit. Discover the thrilling responsiveness of a 302-hp V-8 and 7-speed automatic transmission that can take you from zero to 60 mph in just 6.7 seconds! Then challenge a corner and feel how its precise suspension, 18" wheels and ESP let you charge through with confident enthusiasm. Even the 4-wheel drive system goes one step beyond, with the power-channeling advantage of our 4-wheel Electronic Traction System (4-ETS+) to help ensure that your driving desire stays satisfied the whole year through.



a. Roof rails and privacy glass
 The ML 500's protective-coated roof rails are as practical as they are stylish, and work perfectly with Mercedes-Benz accessory rack attachments to help carry even more of your gear. Rear privacy glass and rain-sensing intermittent wipers are among the thoughtful standard features in the ML 500.

b. 18" 5-spoke alloy wheels
 Distinctive and dynamic, the ML 500's bold 18" 5-spoke alloy wheels are wrapped in large 255/55 R18 tires to further enhance handling.

c. Exclusive design details
 The ML 500's smartly sculpted contours are enhanced by stylish chrome accents on the door handles, side moldings and tailgate. A Silver grille with chrome ribs, brushed chrome front and rear skid plates, and squared exhaust tips add up to a definitive blend of sophisticated strength and exciting style.

1 Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load.

ML 500.



ML 500 shown in optional Pewter metallic with optional Keyless Go and Parktronic system.



ML 350 shown in Ash with optional heated front seats, and Sunroof and Trim Packages.

Slip inside the new M-Class and discover the future of sport utility vehicles. With standard luxuries like 8-way power-adjustable front seats, an 8-speaker audio system with in-dash CD player, and dual-zone climate control with rear-cabin air vents, you'll experience the premium quality and superior design that has made Mercedes-Benz legendary. The dramatically styled interior abounds in elegant details like fine stitching, soft-touch materials and stylish metallic accents, as well as leather front seating inserts and polished wood trim (both standard on the ML 500 and optional on the ML 350). The roomy cabin is also rich in innovative design touches, starting with a new Direct Select™ column-mounted electronic shifter that adds to driving convenience. Steering wheel-mounted shift buttons let you control gear changes with your fingertips, and the new design frees up the center console for more practical uses, such as generous storage and cupholders large enough for 32-oz cups.

MORE THAN A
NEW LOOK,
AN ENTIRELY
NEW VISION.



a.



b.



c.

a. Modular COMAND system

The Cockpit Management and Data System integrates controls for the audio system (including an in-dash single-CD player and MP3 input in the glovebox) with a 6.5" color-LCD screen. It can also integrate the optional DVD-based navigation, Hands-Free Communication System,¹ glovebox-mounted MP3-compatible 6-disc CD changer,² and SIRIUS Satellite Radio.

b. Spacious center console

Cleverly reconfigured for greater utility and user-friendliness, the roomy center console is the perfect place to stow your favorite travel necessities. It also features dual cupholders that can each accommodate a 32-oz drink.

c. Convenient door-mounted controls

Integrated in the door trim, controls for the power mirrors, windows and door locks are positioned for easy access. All four power windows offer the added convenience of a one-touch express-up/down feature.

¹ Delayed availability. See your dealer.

² Available as part of Entertainment Package.

WHEREVER YOU'RE SEATED, FEEL AT HOME.

Entertaining, engaging and thoroughly appealing, the new M-Class excels in finding special ways to say welcome. Relax in contoured, power-adjustable front seats that expertly balances comfort and support. Let your eyes play across sporty gauges set in angled Silver-ringed tubes while your fingers engage racing-inspired fingertip shift buttons. You can even check and control a variety of important vehicle systems with the versatile new multifunction steering wheel and in-dash display. The ML 500 brings even more thoughtful standard features, including heated front seats and rain-sensing windshield wipers. Every M-Class extends a first-class greeting to its rear-cabin passengers as well, providing adjustable air outlets and controls for airflow direction, as well as dual cupholders and an individual head restraint for each of the three rear seating positions.

a. Multifunction display

Steering wheel-mounted controls let you scroll through various displays to monitor information. You can consult the trip computer, check outside temperature, control and program your vehicle and audio settings, even access the optional Hands-Free Communication System¹

b. Multicontour front seats

Enhance your comfort with optional multicontour front seats² that feature pneumatically adjustable dual lumbar supports, side bolsters and thigh supports.

c. Climate control systems

The standard dual-zone climate control system allows the driver and front-seat passenger to individually select temperature and airflow. An optional new digital 3-zone system (shown at right) lets rear-cabin occupants choose for themselves.

d. Audio input for MP3 player

A glovebox-mounted input jack for the audio system lets you plug in your personal MP3 player or other audio device. An accessory iPod[®] interface kit allows full integration with the audio system, plus the multifunction steering wheel and instrument-cluster display.



a.



b.



c.



Premium leather and Burl Walnut wood trim

The elegant Premium Package brings the enticement of hand-fitted full-leather seating surfaces on all five seats as well as polished Burl Walnut wood³. The package also includes DVD navigation, a wood and leather trimmed steering wheel, power tailgate, enhanced interior lighting and multicontour front seats.

¹ Delayed availability. See your dealer.
² Optional as part of Premium Package.
³ Burl Walnut trim is standard on ML 500.

M-Class luxury.



ML500 shown in Charcoal with optional Parktronic system, Keyless Go, 3-zone climate control, and Sunroof, Premium, Comfort and Air Suspension Packages.



Life is filled with ever-changing demands. The new M-Class was designed to handle them with ease. Whether it's transporting your junior league hockey all-star, or carrying mountain bikes, a big-screen television, or a weekend's worth of do-it-yourself supplies, the multifaceted M-Class knows how to take it in stride! Its 60/40-split folding rear seats can be easily lowered without removing the head restraints. With the seats down, the cargo bay expands from a generous 29.4 cu ft to a cavernous 72.4 cu ft. A handy 12-volt power outlet in the cargo bay lets you operate portable devices when you arrive at your destination. And the optional power tailgate can provide a helping hand when you need it most, fully opening or closing at the touch of a button on the tailgate or on your SmartKey. You can even program the power tailgate to open no higher than the roof, useful for low garages or when using a roof rack.

1 Properly secure all cargo. 2 Requires roof rails, optional on ML 350 as part of Trim, Premium or Appearance Package.

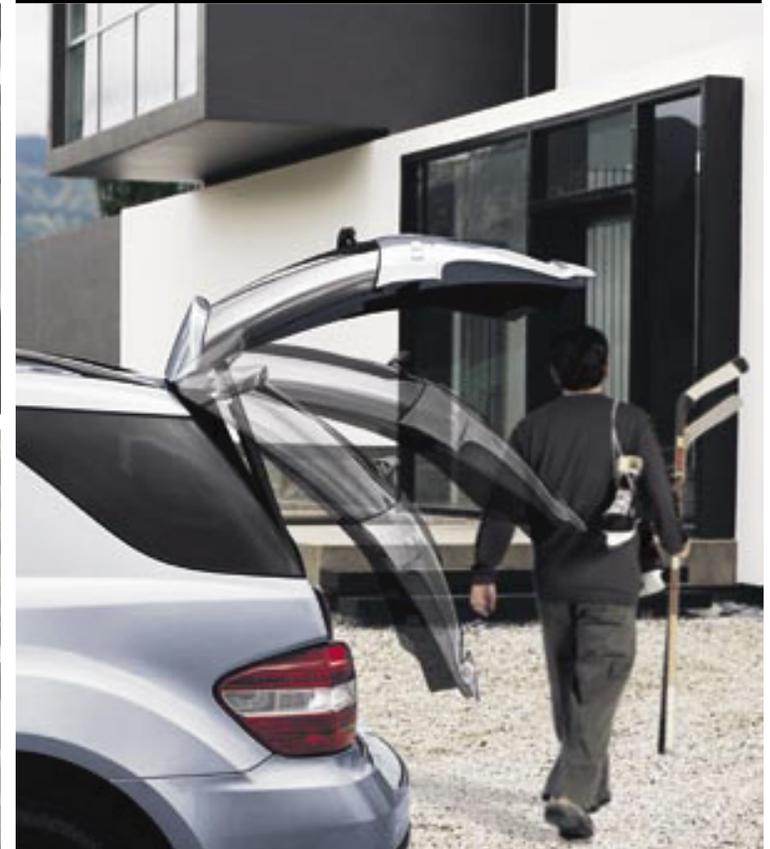


a.
Optional cargo organizer system

Included in the Comfort Package, your M-Class gains extra versatility with this clever option that lets you position four removable anchors anywhere along aluminum runners in the cargo floor. Attachments include versatile telescoping crossbars and a retractable strap to help secure odd-shaped items.

b.
Accessory sport luggage carriers

Add up to 16 cu ft of extra space with one of our roof-mounted carriers. The locking lid helps secure valuables and is supported by pressurized struts to ease opening and closing. The unit attaches to the accessory basic carrier, the foundation of a versatile roof rack system.²



ML 350 shown at left in optional Alpine Rain metallic and Ash with optional Sunroof, Trim and Comfort Packages, and dealer-installed accessory chrome loading sill.

TO TRULY
EVOLVE,
ONE MUST LEARN TO
ADAPT.

PERFORMANCE
MEASURED IN RPM, MPH AND
HEARTBEATS
PER SECOND.

With a choice of V-6 or V-8 power plus the unique advantage of a 7-speed automatic transmission, the new M-Class has the ability to move you with unbridled enthusiasm, thanks to the legendary engineering that has kept Mercedes-Benz at the forefront of automotive innovation for well over a century. Quiet, smooth and incredibly refined, both engines feature key components made from aluminum alloy to help reduce weight. And each has a dual-stage intake manifold to help create a broad, flat torque curve for remarkable response—whether slicing through city traffic, merging onto a freeway or towing up to 5,000 lbs¹ of your favorite recreational toys to a vacation getaway. As an ideal complement, the 7-speed automatic monitors your driving style and adapts its shift points accordingly.



ML 350 3.5-liter V-6

A dazzling all-around performer, the 3.5-liter DOHC V-6 in the ML 350 will thrill you with its energizing 268 hp and 258 lb-ft of torque. These impressive figures help the ML 350 sprint from zero to 60 mph in just 8.2 seconds.² Continuously variable timing on both the intake and exhaust valves ensures that peak torque is on tap from 2,400 to 5,000 rpm, for immediate response at virtually any driving speed.

ML 500 5.0-liter V-8

Motivation rises to a new level of intensity with the 5.0-liter SOHC V-8 in the ML 500. Developing an exhilarating 302 hp and a mountainous 325 lb-ft of peak torque from 2,700 to 4,500 rpm, it sends the ML 500 streaking to 60 mph in a mere 6.7 seconds.² Striking a brilliant balance between strength and sophistication, this virtuoso V-8 matches its high performance with low emissions.

¹ With optional trailer hitch kit and trailer brakes. Please read Operator's Manual before towing. 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.

M-Class powertrains.



A new era of change begins

It starts with a 7-speed automatic transmission—the only one you'll find in any SUV. Designed to optimize the performance and efficiency of the ML 350 and ML 500 engines, it also streamlines the gear-changing process. The innovative Direct Select™ electronic gearshift is conveniently located on the steering column. Driver-adaptive programming allows this sophisticated transmission to consistently deliver smooth, quick and positive shifts tailored to your driving style. And for the first time in an M-Class, enthusiasts can enjoy manual-style shifting via rocker switches mounted behind the upper steering-wheel spokes that can be operated with your hands on the wheel.



ML 350 shown in optional Pewter metallic with optional Sunroof, Lighting and Appearance Packages.

1886
First car

1911
Multivalve engine

1931
Independent suspension

1952
Mercedes-Benz wins Le Mans

1954
Fuel injection

1967
AMG established

1985
Electronic Traction Control

1995
Electronic Stability Program

1997
First SUV with side-impact air bags

1999
Airmatic suspension

2003
7-speed automatic transmission



Customers are advised to confirm in advance with the motor vehicle authority in the state where their M-Class will be registered whether the grille guard complies with license-plate mounting and visibility requirements.

THAT SPORT SEDAN FEEL IS PURELY INTENTIONAL.

Twisting two-lane to high-speed interstate, the new M-Class is always ready to handle any road with the confidence and precision you expect in a Mercedes-Benz. The original M-Class pioneered 4-wheel independent suspension in an SUV, and the new generation raises that dynamic standard to an even higher level, combining new unit-body construction with a multilink suspension that's been refined to deliver a smoother ride and sharper response. The optional height-adjustable Airmatic suspension – with our Adaptive Damping System that offers three different shock absorber settings – adds further refinement to the handling of the new M-Class, on-road or off. Other innovative features like our Electronic Stability Program (ESP), ABS with emergency-sensing Brake Assist, pushbutton Downhill Speed Regulation and 4-wheel traction control further reinforce its outstanding all-season capabilities.



Optional Airmatic adaptive air suspension

To take full advantage of the dynamic potential of the new M-Class, both the ML 350 and the ML 500 can be equipped with the optional Air Suspension Package that matches Airmatic air suspension with automatic leveling and our Adaptive Damping System (ADS II). These advanced technologies work together to minimize unpleasant pitch, roll and dive motions, heightening responsiveness and control while maintaining outstanding ride compliance. ADS II allows you to select Auto, Comfort or Sport settings at the touch of a button, while Airmatic makes it equally simple to gain 3" of extra ground clearance. The Air Suspension Package also includes vehicle speed-sensitive power steering (standard on the ML 500) that automatically varies its effort to make parking maneuvers a breeze and provide crisper steering feel at freeway speeds.



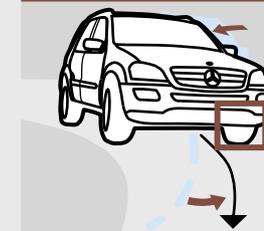
Unit-body construction

Designed and developed exclusively for an SUV, the monocoque body structure in the new M-Class is exceptionally strong, lightweight and rigid. Its remarkable resistance to twisting and flex helps endow the new M-Class with more precise handling and a smoother, quieter and better-controlled ride.

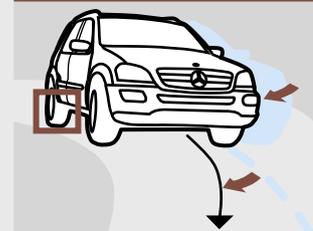
Electronic Stability Program

The M-Class was the first sport utility vehicle equipped with the all-road, all-season handling prowess of ESP. Specifically calibrated for the needs of an SUV, the M-Class ESP can dramatically enhance cornering control by monitoring your steering and braking actions and responding nearly instantaneously if it detects a loss of directional control or stability. If your M-Class begins to fishtail (oversteer) or plow (understeer) in a corner, ESP can apply the brakes to any of the four wheels or reduce excess power to help you regain control and stay on course!

ESP brakes the outside front wheel to counteract oversteer.



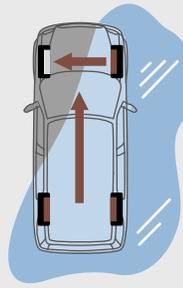
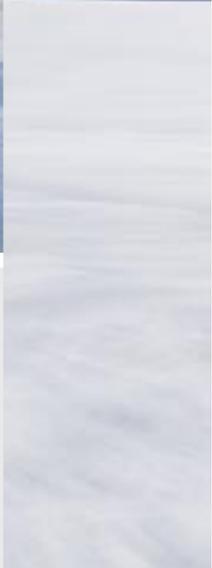
ESP brakes the inside rear wheel to counteract understeer.



1 No system, regardless of how advanced, can overcome physics or correct careless driving. Please always wear your seat belt. Performance is limited by available traction, which snow, ice, and other conditions can affect. Always drive carefully, consistent with conditions. Best performance in snow is obtained with winter tires.

IF JUST ONE
GRIPS,
YOU STILL
Go.

Not all 4-wheel drive systems are created equal. The new M-Class offers a full-time 4-wheel drive system that provides an extra measure of all-season reassurance: our advanced 4-wheel Electronic Traction System (4-ETS+). Seamlessly integrated with both ESP and the antilock brakes, 4-ETS+ automatically senses wheel slip and rebalances power accordingly without the need for locking differentials. It enhances the overall effectiveness of 4-wheel drive, and can help you keep going – even if only one wheel has grip. With new Downhill Speed Regulation, you can preset a crawl speed via the multifunction steering wheel and your M-Class will maintain it as it descends a steep incline. A hill-start assist feature prevents unwanted rollback when taking off from a stop on an incline. And an electronic off-road program automatically recalibrates the traction system, ABS, engine management and transmission for low-traction conditions with the touch of a single button. This enlightened system gives the M-Class an extra degree of handling confidence precisely when you need it most, in all types of weather and road conditions.



4-wheel Electronic Traction System

To help ensure that the driving power translates into control, the full-time 4-wheel drive system in the new M-Class incorporates our 4-wheel Electronic Traction System. 4-ETS+ monitors each wheel for the first sign of wheel slip, and then individually brakes a slipping wheel to maintain the balance of power, or reduce excess torque. By continuously ensuring that power goes to the wheels with grip, 4-ETS+ can help get you moving, even if only one wheel has traction!

1 No system, regardless of how advanced, can overcome physics or correct careless driving. Please always wear your seat belt. Performance is limited by available traction, which snow, ice and other conditions can affect. Always drive carefully, consistent with conditions. Best performance in snow is obtained with winter tires.

M-Class 4-wheel drive.



ML 500 shown in optional Pewter metallic with optional Keyless Go, Parktronic system and trailer hitch, and dealer-installed accessory side step bars, rear spoiler, basic carrier and ski/snowboard rack.



Emergency-sensing Brake Assist

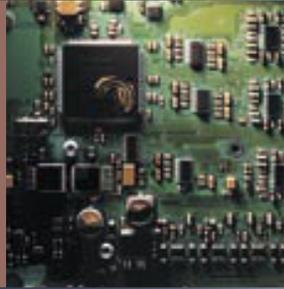
Mercedes-Benz research has shown that drivers tend not to brake hard enough, soon enough, in an emergency. Our engineers developed Brake Assist to help overcome this tendency. Upon sensing panic stopping based on the speed at which you depress the brake pedal, Brake Assist automatically applies all available power braking boost immediately. By helping to eliminate the delay caused by human nature, Brake Assist can potentially reduce your overall stopping distance when it matters most.¹

Body structure and crumple zones

The new unit body in the M-Class uses advanced technology and robust materials to create a virtual fortress for its five passengers. High-strength/low-alloy steel is used in critical areas throughout the vehicle, and makes up 62 percent of the body structure.² Roof pillars employ three layers of steel, and doors feature steel crossbeams. Full-width front and rear crossmembers, along with a reinforced floorpan and door sills, combine to provide formidable protection in a variety of impacts. Front and rear crumple zones progressively deform to help absorb the force of an impact, while underhood components are staggered to help prevent their stacking up in a severe frontal impact, to reduce the likelihood of intrusion into the cabin.

At Mercedes-Benz, your safety is always a priority. We've dedicated 65 years to researching and developing new and more effective ways to protect you from the unexpected and the unpredictable. Our integrated approach to safety reflects our belief that every Mercedes should excel in the ability to both avoid accidents and protect its occupants when an impact is unavoidable. The new M-Class incorporates a comprehensive array of active and passive safety systems, from its body structure to its advanced air bags, emergency-sensing Brake Assist and sophisticated rollover sensors.

WE'VE SPENT 65 YEARS OF OUR LIFE PREPARING
FOR A SINGLE MOMENT
IN YOURS.



Rollover sensor

If the M-Class senses certain rollovers, it will automatically deploy the seat-belt Emergency Tensioning Devices to help reduce occupant movement and, if deemed necessary, inflate the Head Protection Curtains.³

Integrated restraint system

Every M-Class offers the comprehensive protection of six standard air bags³, including adaptive two-stage air bags for the driver and front passenger, front seat-mounted side-impact air bags (rear side-impact air bags are optional), and, for all four outboard occupants, Head Protection Curtains that help protect against head injury and broken glass in a side impact exceeding preset thresholds or in certain rollovers.

Advanced front-impact protection

The front-end structure of the new M-Class incorporates upper and lower elements to provide two levels of energy management in frontal impacts with a variety of vehicle sizes. Features such as an ellipsoidal front bulkhead and reinforced wheel areas help channel some of the energy from a frontal impact over, under and around the passenger cabin.

¹ Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions. ² By weight. ³ **WARNING:** THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY TO A CHILD UNDER AGE 13. THE SAFEST SEATING POSITION FOR YOUR CHILD IS IN THE REAR SEAT, BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. **A CHILD UNDER 13 MUST NOT USE THE FRONT SEAT UNLESS THE CHILD IS BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT AND THE "PASSENGER AIR BAG OFF" INDICATOR REMAINS ILLUMINATED.** SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS.



ML500 shown in optional Iridium Silver metallic with optional Sunroof and Appearance Packages.



ML500 shown above left and at far right in optional Iridium Silver metallic with optional Sunroof, Lighting and Appearance Packages.
ML500 shown above right in optional Iridium Silver metallic with optional Parktronic system, and Sunroof and AMG Sport Packages.

PURE
EMOTION
CREATES IMMEDIATE
ATTRACTION.

There's a feeling you get when something is right, an electrifying sensation that speaks directly to your heart. The optional Appearance Package and AMG Sport Package¹ each make statements that command that kind of emotional response. The AMG Sport Package emphasizes the dynamic character of the M-Class exterior with dramatically styled front and rear bumpers set off by square dual chrome exhaust tips and the powerful presence of 19" AMG monoblock alloy wheels. The Appearance Package includes striking enhancements to both the exterior and interior (shown at the right). Outside, there's privacy glass with blue-tinted front windows, a Silver grille with chrome ribs, chrome trim on the door handles and side moldings, smoked taillamps, protective-coated roof rails and square dual chrome exhaust tips (all standard on the ML 500), plus handsome 19" 5-spoke alloy wheels.

¹ Appearance Package and AMG Sport Package are not available together. AMG Sport Package requires Trim Package or Premium Package on ML 350.
² First year's Tele Aid Security & Care 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, and requires adequate power supply.



Unique Appearance Package interior treatment

The bold elegance of the Appearance Package continues inside with exclusive appointments that include Alcantara seat inserts and contrasting topstitching, sport front seats with deep bolsters, a metal-trimmed instrument cluster, brushed aluminum interior trim and rubber-studded stainless-steel pedals. Enhanced ambient lighting, a HomeLink[®] compatible garage-door control and our Tele Aid system² add to luxury and convenience.

One of the many outstanding features of your new M-Class is that it offers numerous possibilities for personalization. A variety of options, packages and dealer-installed accessories allow you to create a vehicle that directly reflects your individual style and driving needs. From DVD-based navigation to premium audio and DVD entertainment systems to a trailer hitch and a power sunroof, the choices provide the opportunity to create a singularly distinctive expression of your personality.

FEEL FREE TO
EXPRESS YOURSELF.



a. DVD-based satellite navigation system

Available as a factory-installed option (individually or as part of the Premium Package) or a dealer-installed accessory, this affordable, technologically advanced GPS navigation system can help out whether you're journeying across town or across the country. Detailed driving instructions are provided through the standard modular COMAND system's large color-LCD screen, via clear displays and crisp map readouts of all the contiguous U.S., Canada, and Oahu, Hawaii—all from a single in-dash DVD.¹



b.

b. Accessory rear-seat entertainment system

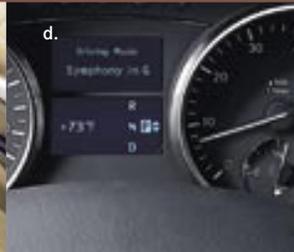
The accessory rear-seat DVD entertainment system can turn your M-Class into a home-away-from-home theater. It features a tilting 7" color-LCD monitor and includes two sets of infrared wireless headphones to help minimize driver distraction.

c. Accessory illuminated door sills

Let the light show begin every time you open the door: "Mercedes-Benz" illuminates in the door sill in luminous blue film.



c.



d.

d. Accessory iPod integration kit

This accessory fully integrates your iPod® with the audio system, providing program information in the multifunction display and allowing you to operate your iPod via the multifunction steering wheel.

e. Accessory hitch-mounted bicycle rack

For any M-Class equipped with the optional trailer hitch, this sturdy aluminum hitch-mounted accessory rack securely holds one or two bicycles. Its clever design pivots flat to allow the tailgate to be opened without removing the bikes.



e.



f.

f. Accessory all-season floor mats

Keep the carpet in your M-Class looking great with these accessory all-season floor mats. They're easy to clean, with deep channels for trapping water, mud and melting snow. Four mats per set. Available in black, grey and beige.



g.

g. Optional Class III trailer hitch

The factory-installed optional trailer hitch kit helps you take full advantage of the 5,000-lb towing capacity of your M-Class.



h.



h. SIRIUS Satellite Radio

It's like having a music library of over two million songs in your Mercedes. Optional SIRIUS Satellite Radio² integrates with the standard audio system and controls. Your SIRIUS subscription brings 120 all-digital coast-to-coast channels, with 65 commercial-free channels of music, from rock to country and classical to jazz, plus 55 non-musical channels that cover news, sports—including live games from the NFL®, NHL® and NBA—and such well-known names as Discovery Channel, E!, and Radio Disney.

¹ While the navigation system provides directional assistance, the driver must remain focused on safe driving behavior, including paying attention to traffic and street signs. The driver should utilize the system's audio cues while driving and should only consult the map or 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. ² Programming subject to change. Not available in Alaska, Hawaii or Puerto Rico. 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. SIRIUS, the dog logo and SIRIUS stream names and logos are trademarks of SIRIUS Satellite Radio. NFL® is a registered trademark of the National Football League and its affiliates. NHL® is a registered trademark of the National Hockey League. The National Basketball Association name is the property of NBA Properties, Inc.

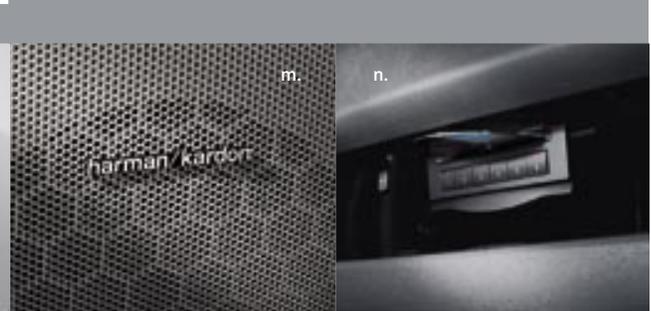


i.

j.



l.



m.

n.



o.



p.



q.

n. Glovebox-mounted 6-disc CD changer

Included with the Entertainment Package, the single-feed 6-disc CD changer is in the glovebox and retracts upward to preserve space. It seamlessly integrates with the audio system, can play MP3-coded CDs, and can be controlled via the multifunction steering wheel.

o. Parktronic

The optional Parktronic system can help you avoid obstacles that might be outside of your sightlines when you're parking in tight spaces. When ultrasonic sensors in the front and rear bumpers detect nearby objects in their field of view, audible signals and illuminated displays on the dash and rear-cabin ceiling help you maneuver with confidence.

p. Sunroof Package

Sun or the stars, this power tilt/sliding tinted glass sunroof is always ready to oblige, and features an improved sunshade to better direct air flow in the tilt position. The package also includes rain-sensing windshield wipers on the ML350 (they're standard on the ML500).

q. Lighting Package with Active Bi-Xenon headlamps

Bi-Xenon High Intensity Discharge headlamps provide better vision over longer distances on both high and low beams, and actively pivot their beams to either side, based on your steering angle, to better illuminate curving roads. The package also includes high-pressure headlamp washers and corner-illuminating foglamps that activate under 25 mph when making a turn or when the turn signal is activated.

i. Power folding mirrors

Power-folding mirrors swing in or out at the touch of a button. They're included in the ML 350 and ML 500 Comfort Packages.

j. Heated front seats

Standard on the ML 500 and optional on the ML 350, heated front seats provide three levels of comforting warmth to help take the chill out of the coldest day or night.

k. Leather and wood trimmed steering wheel

Put Mercedes-Benz craftsmanship in your hands every time you drive with this sensual accessory steering wheel. Hand-polished wood and glove-soft leather are matched to your car's interior for a perfect look and feel. It's included in the Premium Package.

l. Keyless Go

This optional enhancement of the SmartKey system lets you lock or unlock your ML 500 at the touch of an outside door handle—without removing the key from your pocket or purse. Startup is equally easy: Put your foot on the brake, tap a button on the dash where the ignition key would normally be, and you're ready to go.

m. harman/kardon LOGIC7 digital surround sound system

Part of the Entertainment Package, the harman/kardon® LOGIC7® 7.1-channel digital surround sound system produces 440 watts of pure music power through 11 speakers plus a subwoofer. Digital surround sound adds concert-hall realism to FM radio, CD playback and the optional SIRIUS Satellite Radio.