



- **The 2011 ML350 SUV**
MSRP \$46,490

- **Towing capacity**
7,200 lbs (4,600 lbs 2WD)

- **Passenger capacity**
5

- **Cargo capacity**
72.4 cu ft

- **Transmission type**
7-speed automatic

- **Power**
268 hp @ 6,000 rpm

- **Engine**
3.5L DOHC 24-valve V-6

- **0 - 60**
7.9 seconds

- **City Fuel economy (mpg)**
15 mpg (16 mpg 2WD)

- **Highway Fuel economy (mpg)**
20 mpg (21 mpg 2WD)



➤ **DVD Navigation**
Drive to your destination with accuracy using this advanced system



➤ **Rear-Seat Entertainment System**
Delight your passengers with a two-monitor entertainment system



➤ **Servicing Your Vehicle**
Superior care for the life of your Mercedes-Benz

Print

Exterior Dimensions

Overall length	188.2 in	Curb weight	4,729 lbs (4,630 lbs 2WD)
Overall height	71.5 in	Coefficient of drag	0.34 cd
Overall width	83.7 in	Wheelbase	114.7 in

Interior Dimensions

Front		Rear	
Headroom	39.9 in	Headroom	39.8 in
Shoulder room	58.4 in	Legroom	40.0 in
Legroom	42.2 in	Shoulder room	58.3 in
		Cargo volume(1) (rear seats in use)	29.4 cu ft
		Cargo volume(1) (rear seats lowered)	72.4 cu ft

Engine, Drivetrain, and Performance

Engine

Net power 268 hp @ 6,000 rpm

Fuel and ignition system Integrated sequential multipoint fuel injection and ignition includes individual cylinder control of fuel spray, spark timing, and antiknock. Electronic throttle. Two high-energy ignition coils and two spark plugs per cylinder. 100,000-mile spark-plug intervals

Fuel tank (capacity - reserve) 25.1 gal

Net torque 258 lb-ft @ 2,400 - 5,000 rpm

Compression ratio 10.7:1

Construction 3,498-cc DOHC 24-valve V-6 Aluminum-alloy cylinder block

Fuel requirement Premium unleaded gasoline, 91 pump octane

Performance

Acceleration(3) 0 - 60 in 7.9 seconds

Fuel economy

EPA estimate(4) 16 mpg (4MATIC 15 mpg)

Towing capacity(6) 2WD 4,600 lbs (Class II)
4WD 7,200 lbs (Class III)

Highway estimate(5) 21 mpg (4MATIC 20 mpg)

Emission certification Bin 5 (ULEV of LEV II)

Drivetrain

Automatic transmission

- 7-speed electronically controlled automatic with Direct Select shifter
- Steering-wheel-mounted Direct Select shifter provides convenient selection of Park, Reverse, Neutral, and Drive
- Touch Shift with fingertip shift controls permits driver to manually downshift and allows upshifts in Drive via shift paddles

Hill-start assist

- Helps prevent unwanted vehicle rollback when taking off from a stop on an incline
- Automatically maintains brake pressure for approximately one second after the driver releases the brake pedal
- System is automatically deactivated when the vehicle is level, the gear selector is in Park or Neutral, or the parking brake is set

Front and rear axle ratios 3.90:1

Drive configuration 4MATIC or 2-wheel drive (rear wheel drive)

▼ Chassis and Traction Control/Stability Systems

Chassis

Turning circle 37.9 ft curb-to-curb

Front suspension Independent double wishbone with high-strength forged aluminum-alloy upper arms and cast-iron lower arms. Antidive geometry. Stabilizer bar

Steering-wheel turns 3.62 lock-to-lock

Rear suspension Independent 4-arm multilink. High-strength forged aluminum-alloy upper arms. Geometry for antisquat and alignment control. Stabilizer bar

Steering type Rack-and-pinion with constant power assist

Traction Control & Stability

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(8)

Electronic Traction System (ETS) Standard 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. ETS continually balances the torque split to help ensure power is permitted to flow to the wheel or wheels with traction(8)

▼ Brakes, Wheels, and Tires

Brakes

Dual-circuit power-assisted 4-wheel disc brakes Front: 13.0" internally ventilated. Rear: 13.0" solid discs

Wheels/Tires

Wheels 19" 5-spoke (8.0 x 19.0)(10)

Antilock Braking System (ABS)	Standard 4-channel ABS senses impending wheel lockup under heavy braking. 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 in off-road conditions where some wheel lockup is advantageous	Tires	Standard 255/50 R19, all-season
Brake Assist (BAS)	BAS senses emergency braking via the speed at which the driver presses the brake pedal and immediately applies maximum available power boost, potentially reducing the overall stopping distance by eliminating the delay caused by a common human tendency not to brake hard enough, soon enough. Letting up on the brake pedal releases BAS(9)		

Exterior and Interior Features

Exterior Features	Interior Features
Silver grille with chrome ribs	Dual-zone climate control
Dual square polished stainless-steel exhaust tips	Charcoal activated dust and pollen filter
Power tilt/sliding tinted-glass sunroof with sunshade	Multifunction steering wheel
Privacy glass for rear doors, rear quarter windows, and tailgate	Power windows All with one-touch express-up/down
Dual heated power mirrors	4-way (tilt/telescoping) manually adjustable steering column
	Electronic cruise control

Rain-sensing wipers with heated nozzles, lines, and reservoir	Rear-window wiper and washer	12-volt power outlets	In ashtray (with lighter), at rear of front console, in cargo area, and in passenger footwell
Electronically heated rear window with auto-shutoff	based on time, driving speed, and outside temperature		
Hydraulically assisted tailgate closing feature			
Black protective-coated roof rails With 220-lb roof load capacity			
Halogen headlamps and front foglamps	Single red rear foglamp in left taillamp		
Selectable light-sensing headlamps			
Programmable daytime running lamps	With auto-on override in darkness		
Instrumentation			
Electronic analog speedometer, tachometer, fuel gauge, and quartz clock			
Digital display for odometer and gear/mode selection			
Tire-pressure monitoring system with psi display for each tire			
Mercedes-Benz Maintenance System Plus	<ul style="list-style-type: none"> • Displays distance remaining to next basic maintenance service, indicates type of service due, and provides automatic reminder when service interval draws near • System also monitors brake-pad wear 		

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, and engine oil-level check
- All audio features
- HDD Navigation system route guidance(11)
- Vehicle reminder and message indicator
- Driver-programmable settings for instruments, lighting, and vehicle and convenience features
- Trip computer (elapsed time, fuel consumption, and distance to empty)
- Adaptive Cruise Control settings(11)
- Mobile phonebook(11)

 Safety and Security Systems

Restraint Systems

NECK-PRO active front head restraints

Adjustable for height and fore-aft

Three rear-seat head restraints

Individually height-adjustable and retractable

Occupant Classification System (OCS)

Automatically turns the front passenger's front air bag on or off and adjusts the air bag inflation rate based on the weight category determined by weight sensor readings from the front passenger seat(13)

Emergency Tensioning Devices (ETDs)

Deployed in a front or rear impact exceeding a preset threshold of severity, or certain rollovers. A front ETD will not deploy if seat belt is unfastened

Locking & Security

SmartKey

- SmartKey remote control integrates Remote Door Unlock, Liftgate Unlock button (or optional power tailgate open/close), and panic alarm
- Driver may selectively unlock only the driver's door and fuel filler or all doors plus the trunk and fuel filler
- Offers infrared-remote opening/closing of windows and sunroof

mbbrace Remote Door Unlock(14)

Front seat belts	Include manually height-adjustable shoulder belts. Lower points attached to seat frames	mbrace Anti-Theft Alarm Notification	Alerts Mercedes-Benz to contact vehicle owner if antitheft alarm sounds(14)
Window Curtain Air Bags	In a side impact exceeding a preset threshold, a multi-chamber air bag deploys along the front and rear side-door windows on the affected side of the vehicle.(9) Integrated rollover sensor automatically deploys the ETDs and, if deemed necessary, the Window Curtain Air Bags in the event of a detected rollover(12)	Antitheft alarm	With remote panic feature
Universal LATCH system (Lower Anchors and Tethers for Children)	At second and third-row outboard seating positions. Selectable passenger seat-belt retractors help secure child seats(12)	mbrace GPS-based Stolen Vehicle Recovery	Helps law enforcement agencies track and recover stolen vehicles(14)
Integrated Restraint System	Driver and front passenger are each provided with a dual-stage front air bag (adaptive for the front passenger), side-impact air bag, and 3-point seat belt with an Emergency Tensioning Device (ETD) and adaptive belt force limiter.(12) Second-row passengers are each provided with a side-impact air bag and second- and third-row passengers with a 3-point seat belt with ETD and belt force limiter. Second-row center passenger is provided with a 3-point seat belt. Dual-stage front air bags are deployed in response to a frontal impact severity exceeding a preset deployment threshold(12)	Integrated three-button garage door control	Compatible with HomeLink components and some other systems
		Night security illumination	Uses the car's exterior lights to help illuminate a path after parking
		Driver-programmable driveway locking	Can automatically lock all the doors when the car reaches 9 mph

☐ Comfort and Convenience Features

Seating & Trim

8-way power-adjustable driver's seat Driver's 4-way power lumbar support

MB-Tex front and rear upholstery

Standard burl walnut trim on console and doors Aluminum trim along console

Audio, Navigation, and Communication

COMAND Cockpit Management and Data system

Integrates the audio, Hands-Free Communication, and navigation systems, as well as other vehicle settings

8-speaker audio system

Mercedes-Benz mbrace

Mercedes-Benz mbrace uses GPS satellites plus a cellular link to provide 24-hour live assistance for emergency assistance (SOS button), connection to Roadside Assistance (wrench button or vehicle information and access to premium services (i-button). Mercedes-Benz mbrace Package includes Automatic Collision Notification, Stolen Vehicle Location Assistance, Remote Door Unlock, Dealer Connect, and more.

☐ Options & Packages

Individual Options

Individual Options

- Blind Spot Assist
- KEYLESS-GO
- Wood/premium leather steering wheel
- Heated Steering Wheel
- PARKTRONIC
- Class III trailer hitch (4WD 7,200-lb capacity) 2WD 4,600 lbs (Class II)
- Heated front seats
- Heated rear seats
- Metallic paint
- Brushed aluminum running boards with rubber studs
- Rear-Seat Entertainment System

Optional Packages

Premium 1 Package

- Rear View Camera
- COMAND with Hard-Drive Based Navigation
- HD Radio with SIRIUS Satellite Radio and Real-Time Traffic
- iPod/MP3 Media Interface
- Auto-dimming mirrors
- Power Folding Mirrors
- Power steering column and memory seat function
- Power liftgate
- 115V AC Power outlet

- Rear Seat Entertainment System pre-wiring
 - Illuminated door sills
 - Chrome handle inserts
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Premium 2 Package

Includes contents of Premium 1 Package plus:

- harman/kardon LOGIC7 system
 - KEYLESS-GO
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Full Leather Seating Package

- Wood/leather multifunction steering wheel with shift paddles
 - Burl Walnut wood trim
 - Premium interior lighting
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Lighting Package

- Bi-Xenon headlamps with Active Curve Illumination
 - Illuminating foglamps
 - Headlamp-washing system
 - LED taillamps
 - LED daytime running lights
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Appearance Package

- 20-inch Twin 5-spoke wheel
- Aluminum roof rails