



Quick Reference Guide

2020 Mercedes-Benz GLS SUV

Models & MSRP

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|------------------------------------|-----------|---|
| ▪ Mercedes-Benz GLS 450 4MATIC SUV | \$75,200* | arriving at U.S. dealers by the end of the year |
| ▪ Mercedes-Benz GLS 580 4MATIC SUV | \$97,800* | arriving at U.S. dealers by the end of the year |

**Prices exclude \$995 destination and delivery charge*

What's New

- New engines - first Mercedes-Benz to introduce 4.0L V8 biturbo engine with EQ Boost and 48-volt onboard electrical system (GLS 580) and 3.0L inline-6 turbo engine with EQ Boost and 48-volt onboard electrical system (GLS 450)
- New 6-seat option with Captain's Chairs (both 6-seat and 7-seat configuration available at no cost)
- All-new intelligent suspension, E-ACTIVE BODY CONTROL
- 4MATIC® variable torque on demand All-Wheel Drive now available
- Mercedes-Benz User Experience (MBUX) with Voice Control and optionally available MBUX Interior Assistant
- Revised dimensional concept (Increased length, width, wheelbase, track width)
- Emotional and dynamic exterior SUV design with power domes on hood
- Enlarged Panorama roof with 50% larger viewing area
- New Carwash function enables the car to be prepped for entry into a carwash with the press of a single button
- Large roof spoiler, wide shoulders and two-part taillamps
- Black wheel arch claddings
- New 19" - 22" wheels (GLS 450); new 23" wheels (GLS 580)
- Illuminated running boards with robust stainless steel inserts
- Distinguished, chromed underbody guard in SUV-specific design
- New exterior paint colors
- New, progressive interior design with new-generation steering wheel with Touch Control Buttons, two grab handles on center console, widescreen dual display with 12.3" Digital Instrument Cluster and 12.3" multimedia display with touchscreen and new generation Touchpad in center console, trim elements in open pore wood and new 64-Color Ambient Lighting
- SUV-specific storage compartments designed especially for off-road driving
- Executive Rear Seat Package and Executive Rear Seat Package PLUS

Standard Feature Highlights

- 7-seater, or 6-seater with Captain's Chairs
- Mercedes-Benz User Experience (MBUX) with Voice Control
- 12.3" Digital Instrument Cluster and 12.3" Touchscreen Multimedia Display
- Navigation
- Burmester® Surround Sound System
- 64-color Ambient Lighting
- Inductive Wireless Charging
- SiriusXM Radio
- 115V AC household-type power outlet
- 9 USB ports
- Pre-Wiring for Rear Seat Entertainment & comfort adapter
- LED Intelligent light system headlamps and LED taillamps
- Smartphone Integration with Apple CarPlay and Android Auto

- Blind Spot Assist
- Active Brake Assist
- ATTENTION ASSIST®
- Active Parking Assist with Surround View
- PRE-SAFE® System, including PRE-SAFE® Sound
- Car-to-X Communication
- 19" wheels (GLS 450)
- 21" wheels (GLS 580)
- Easy-Pack Tailgate
- KEYLESS-START
- KEYLESS-GO®
- Load Compartment Cover

Optional Feature Highlights

- E-ACTIVE BODY CONTROL
- Executive Rear Seat Package with large center foldable console with 7" MBUX tablet in the rear, wireless charging and comfort headrests; Executive Rear Seat Package PLUS also includes heated and ventilated and multicontour seats in the rear
- Augmented Video for Navigation
- MBUX Interior Assistant gesture control
- Head-Up Display
- 4-Zone or 5-Zone Climate Control (5-Zone standard on GLS 580)
- Heated and cooled cupholders (front and rear)
- Active multicontour front seats with massage (standard on GLS 580)
- Driver Assistance Package with new Active Stop-and-Go Assist feature
- ENERGIZING Comfort
- Air Balance cabin fragrance system
- AMG Line (GLS 580 only)
- Night Package (GLS 580 only)
- Warmth and Comfort Package
- Burmester® High-End 3D Surround Sound System

Technical Highlights

- **E-ACTIVE BODY CONTROL** is an all-new suspension system developed by Mercedes-Benz and powered in part by the 48V battery. As the only system on the market where the spring and damping forces can be individually controlled at each wheel, E-ACTIVE BODY CONTROL is the world's most intelligent SUV suspension that uses Road Surface Scan and a Curve inclination function that make an extraordinary level of comfort possible. The hydropneumatics generate dynamic forces that overlay the air suspension forces and actively support and dampen the vehicle body during linear and lateral acceleration or when driving on uneven roads.
- **48-Volt onboard electrical system technology with EQ Boost:** The engines found in the GLS 450 4MATIC and GLS 580 4MATIC are supplemented with a powerful and efficient Integrated Starter Generator. This integrated electric motor system, known as EQ Boost, assists the combustion engine by adding up to 21 hp for short periods of time. EQ Boost also assists when accelerating, making driving without the combustion engine turned on possible ("sailing") and supplies the battery with power by means of high-efficiency recuperation. By doing so, it makes fuel savings possible that were previously the exclusive domain of high-voltage hybrid technology.
- **Mercedes-Benz User Experience (MBUX):** A completely new multimedia system featuring innovative technology based on Artificial Intelligence and an intuitive operating system. MBUX technology is pioneering a new level of in-car experience. MBUX can be operated by Voice Control, the touchscreen (a first for Mercedes-Benz vehicles), Touchpad and Touch Control Buttons on the steering wheel. The system has learning capabilities and intelligent Voice Control with Natural Language Understanding and a verbal cue of "Hey Mercedes" which can be used to wake the system up.

- **MBUX Interior Assistant** allows for intuitive and natural operation of different comfort and MBUX functions by movement recognition. A camera in the overhead console registers movements of the driver's and front passenger's hands and arms. When a hand approaches the touchscreen or the Touchpad on the center console, the media display changes and individual elements are highlighted.
- **Latest-generation Advanced Driver Assistance Systems:** the enhanced intelligent hands-off detection includes sensing via the Touch Control Buttons and is sensitive to specific conditions and can be activated in a wide range of speeds.
 - **Active Distance Assist DISTRONIC®** is able to follow a vehicle in front at a pre-selected distance
 - **Active Stop-and-Go Assist** enables the GLS to recognize traffic jams at an early stage, actively supporting the driver in stop-and-go traffic up to approximately 37 mph
 - **Active Steering Assist** can now actively intervene even if road lines are unclear or non-existent at certain speeds; it can now also function in curves with a tighter radius
 - **Active Emergency Stop Assist** is able to brake the vehicle to a standstill in its lane if it detects that the driver is no longer actively driving the vehicle while it is on the move with Active Distance Assist DISTRONIC and Active Steering Assist engaged. It can now unlock the doors when the vehicle is stationary to allow first aid responders immediate access to the vehicle's interior
 - **Active Lane Change Assist** is a radar-and-camera-based system that aids the driver when changing lanes. When a turn is indicated, this feature will aid with steering into the adjacent lane if it detects the lane is empty
 - **Active Speed Limit Assist** can adapt vehicle speed to identified speed limits and can now adjust pre-emptively when speed limits are going to change
 - **Route-Based Speed Adaptation** is able to reduce the speed in anticipatory mode by referencing the vehicle's map data ahead of bends, junctions, roundabouts, toll booths and exit roads
- **Active Brake Assist with Cross-Traffic Function** is an advanced braking system capable of mitigating many types of danger, such as standing and crossing pedestrians or bicyclists, traffic up ahead of the vehicle, or even crossing from side to side
 - **Turn-off function of Active Brake Assist:** activation of Active Brake Assist with Cross-Traffic Assist when turning across the opposite lane. If there is a risk of collision when turning across the path of oncoming vehicles, the vehicle will be braked when traveling at low speeds
- **Evasive Steering Assist** assists the driver by adding calculated steering torque to aid in steering when a driver deliberately or instinctively performs an evasive maneuver around a pedestrian
- **Active Blind Spot Assist** is able to provide the driver with a visual alert, plus an audible alarm, when a turn indicator is actuated to warn of a side collision, and helps the driver to avoid an imminent side impact by single-sided braking
- **Active Lane Keeping Assist** is able to warn the driver by means of vibrations of the steering wheel when the vehicle is unintentionally drifting out of its lane
- **Car-to-X Communication** is a system in which the vehicle simultaneously acts as a receiver and transmitter, conveying warning messages and evaluating driving conditions, effectively allowing the driver to "see" much further down the road
- **PRE-SAFE® PLUS** activates the PRE-SAFE safety measures when a collision from behind is imminent
- **PRE-SAFE® Sound** emits a short interference signal if an imminent collision is detected, triggering a protective reflex in the human ear referred to as the "stapedius reflex," which can help reduce hearing loss in the event of an accident
- **PRE-SAFE® Impulse Side** preventatively moves the driver or front passenger up to 2.75-inches away from the impact zone to the side by rapidly inflating the seat's side bolster, reducing the load on the occupant during an accident if a lateral collision is detected by the system
- **ENERGIZING Comfort:** enhanced health and wellness functionality boosts drivers' attentiveness and well-being while reducing sleepiness and stress
 - **ENERGIZING COACH:** This new feature is based on an intelligent algorithm and recommends one of the ENERGIZING Comfort programs depending on the driving and traffic situation, and the

individual. If a Garmin® wearable is worn, personal values such as stress level or quality of sleep optimize the accuracy of the recommendation.

Model Positioning

- The GLS, the S-Class among SUVs, combines luxury with impressive levels of comfort, agile dynamics and extensive safety systems in a full-sized SUV for up to seven passengers. The new-generation GLS represents a new level of design, comfort and safety and introduces an all-new, fuel efficient V8 engine with EQ Boost, as well as an intelligent chassis with 48-volt technology that offers increased efficiency and comfort – the only system of its kind on the market.

At a Glance

	GLS 450 4MATIC SUV	GLS 580 4MATIC SUV
MSRP	\$75,200	\$97,800
Length	205.0"	205.2"
Width w/ mirrors (w/o mirrors)	84.9" (77.0")	84.9" (79.9")
Height	71.8"	71.8"
Wheelbase	123.4"	123.4"
Curb Weight (lbs)	5,412	5,699
Fuel Economy (city/hwy/comb)	19 / 23 / 21	TBA
Engine	3.0L Inline-6 Turbo with EQ Boost	4.0L V8 Biturbo with EQ Boost
Displacement	2,999 cc	3,982 cc
Drive Config.	4MATIC variable All-Wheel Drive	4MATIC variable All-Wheel Drive
Performance	Internal Combustion Engine: 362 hp @ 5,500 – 6,100 369 lb-ft @ 1,600 – 4,500	Internal Combustion Engine: 483 hp @ 5,500 516 lb-ft @ 2,000 – 4,000
EQ Boost	Up to 21 hp Up to 184 lb-ft	Up to 21 hp Up to 184 lb-ft
Transmission	9G-TRONIC 9-speed automatic	9G-TRONIC 9-speed automatic
0-60 mph (sec)	5.9 est.	5.2 est.
Top speed (mph)	130 (electronically limited)	130 (electronically limited)
Main Competitors	BMW X7 Lexus LX570 Cadillac Escalade Infiniti QX80	BMW X7 Lexus LX570 Cadillac Escalade Infiniti QX80

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