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Mercedes-AMG Supplement

Mercedes-Benz



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https://www.mbusa.com (USA only)

https://www.mercedes-benz.ca (Canada only)

Documentation team

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Vehicle manufacturer

Mercedes-Benz AG

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Germany

Thank you for purchasing a Mercedes-AMG

Before you first drive off, read this Operator's Manual carefully and familiarize yourself with your vehicle. For your own safety and a longer operating lifespan of the vehicle, follow the instructions and warning notices in this Operator's Manual. Disregarding them may lead to damage to the vehicle or injury to people.

Damage to the vehicle resulting from the disregard of the instructions is not covered by the Mercedes-Benz Limited Warranty.

The standard equipment and product description of your vehicle may vary and depends on the following factors:

- Model
- Order
- · National version
- Availability

Your vehicle may therefore differ, in individual cases, from that shown in the descriptions and illustrations.

Mercedes-AMG reserves the right to introduce changes in the following areas:

- Design
- Equipment
- · Technical features

The following documents are integral parts of the vehicle:

- Digital Operator's Manual
- Printed Operator's Manual
- Maintenance Booklet
- · Equipment-dependent supplements
- Supplementary documents

Keep these documents in the vehicle at all times. Ensure that all documents are in the vehicle or passed on in the event of sale or rental.

Mercedes-Benz USA, LLC

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A Daimler Company

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In this Operator's Manual, you will find the following symbols:

WARNING Danger due to not observing the warning notices

Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

Observe the warning notices.

ENVIRONMENTAL NOTE Environmental damage due to failure to observe environmental notes

Environmental notes include information on environmentally responsible behavior or environmentally responsible disposal.

Observe environmental notes.

NOTE Damage to property due to failure to observe notes on material damage

Notes on material damage inform you of risks which may lead to your vehicle being damaged.

Observe notes on material damage.

(i) These symbols indicate useful instructions or further information that could be helpful to you.

Instruction

(→ page) Further information on a topic

Display

Display field in the Instrument Display/media display



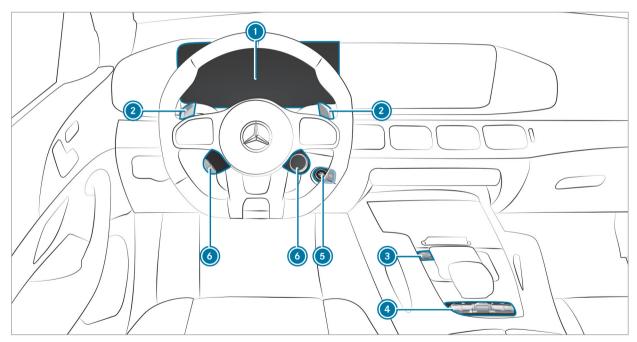
Highest menu level, which is to be selected in the multimedia system



Relevant submenus, which are to be selected in the multimedia system

Indicates a cause

4 At a glance - Cockpit



Left-hand-drive vehicles

					At a glance	- Cockpit	5
	Instrument display	\rightarrow	19	ু Vehicle level	\rightarrow	17	
2	Steering wheel gearshift paddles	\rightarrow	10	§ Suspension tuning	\rightarrow	16	
3	DYNAMIC SELECT switch	\rightarrow	8	AMG Performance exhaust system	\rightarrow	8	
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	Manual gearshifting	\rightarrow	10	AMG steering-wheel buttons	\rightarrow	7	
	ESP [®]	\rightarrow	12				

Operator's Manual

This Supplement provides information on all the important functions of your AMG vehicle that are either not described or differ from the descriptions in the Operator's Manual. This information supplements or replaces the corresponding sections in the vehicle Operator's Manual. Under no circumstances does the Supplement replace the printed vehicle Operator's Manual and the Digital Operator's Manual in the vehicle.

This Supplement and the Digital Operator's Manual in the vehicle describe the following models, standard and special equipment of your vehicle:

- Models, standard and special equipment available at the time of going to press with this Supplement.
- Models, standard and special equipment that are only available in certain countries.
- Models, standard and special equipment that will not be used until a later date.

Note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems. Therefore, the equipment on

your vehicle may differ from that in the descriptions and illustrations.

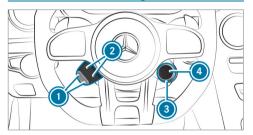
The purchase agreement for your vehicle list the equipment included in your vehicle at the time of delivery.

Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

The Operator's Manual, Supplements, any supplementary documents, and Maintenance Booklet are important documents and should be kept in the vehicle.

Driving

Function of the AMG steering wheel buttons



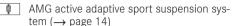
The AMG steering-wheel buttons are two additional control elements on the steering wheel.

You can assign two vehicle functions of your choice to the left control element. You can change between the available functions by pressing display buttons 2 repeatedly. The currently selected function is shown in display buttons 2.

The following functions are available:



 \mathbb{R} ESP[®](\rightarrow page 12)



AMG Performance exhaust system $(\rightarrow page 8)$

Manual gearshifting (\rightarrow page 10)

AMG Dynamics (\rightarrow page 8)

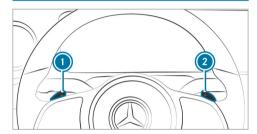
ECO start/stop function (see the vehicle operator's manual)

If you have assigned a function to one of display buttons 2. you can operate this function with corresponding button 1.

The assignment of display buttons (2) remains stored even after a new engine start, but the operating status of the respective function is reset to the basic setting.

You can change between the drive programs with control knob 3. The selected drive program appears in the display button 4. By pressing display button (4), you can directly access the drive program (\rightarrow page 8).

Function of the Emotion Start (Mercedes-AMG vehicles)



- Start the vehicle with the start/stop button and simultaneously pull one of the steering wheel gearshift paddles (1) or (2).
 - The idle speed is increased briefly when starting the engine.
 - The exhaust gas flaps are opened (sporty characteristic powerful) (\rightarrow page 8).

Follow the instructions for starting the vehicle in the vehicle operator's manual.

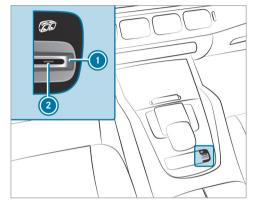
AMG Performance exhaust system

Function of the AMG Performance exhaust system

Changing the position of the exhaust gas flaps allows you to select the sound characteristics of the AMG Performance exhaust system:

- Balanced: closed exhaust gas flaps for a comfortable sound characteristic
- Powerful: open exhaust gas flaps for a sporty sound characteristic

Operating the AMG Performance exhaust system



Pull rocker switch ①.

The sporty characteristic (powerful) is selected when the ② indicator lamps lights up.

Information on the AMG ceramic high-performance composite brake system

The brake system is designed for heavy loads. This may lead to noise when braking. This effect can also occur after washing the vehicle.

The noise depends on the following factors:

- Speed
- Brake force
- Environmental conditions, e.g. temperature and air humidity
- Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme loads.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch (Mercedes-AMG vehicles)

Use the DYNAMIC SELECT switch to change between the following drive programs.

The drive program selected appears in the instrument display.

Slippery

Optimized pulling away and driving characteristics in wintry and slippery road conditions

C Comfort

- · Comfortable driving style
- Balance between traction and stability
- Recommended for city driving and stop-andgo traffic

Individual

Individual settings

s Sport

- · Sporty driving characteristics
- Balance between stability and sportiness
- Only suitable for good road conditions, a dry road surface and a clear stretch of road

S+ Sport+

- · Particularly sporty driving characteristics
- Accentuates the vehicle's own understeering and oversteering characteristics

 Only suitable for good road conditions, a dry road surface and a clear stretch of road

Sand

- Intervenes later if there is oversteering or understeering, thus improving traction
- · Optimized for driving on sand
- Not suitable for use on public roads

Trail

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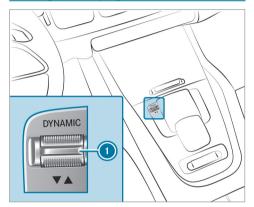
- Intervenes later if there is oversteering or understeering, thus improving traction
- Suitable for easily negotiable off-road terrain, such as dirt tracks, gravel or sandy surfaces
- Not suitable for use on public roads

Depending on the drive program selected, the following vehicle characteristics will change:

- Drive
- AMG Dynamics
 - The agility functions are automatically selected depending on the drive program.

- The steering, shift timing point, drive and stabilization functions are adapted to the selected drive program.
- Position of the exhaust gas flaps
- Suspension tuning
- · Availability of Glide mode
- · 4MATIC+ all-wheel drive
- You can change the following vehicle characteristics using the buttons in the center console:
 - Position of the exhaust gas flaps
 - Suspension tuning
 - FSP®

Selecting the drive program



Press DYNAMIC SELECT switch forwards or backwards. The drive program selected appears in the instrument display.

Configuring DYNAMIC SELECT (multimedia system)

Multimedia system:

→ Settings → Vehicle → DYNAMIC SELECT

Setting drive program I

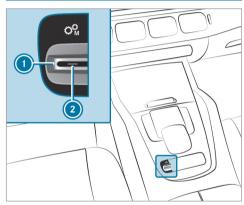
- ► Select Individual Configuration.
- Select and set a category.

Switching the restoration display on or off

- Activate or deactivate Request at Start.
- (i) The prompt appears only if the previously active settings deviate from the standard settings.

Automatic transmission

Manual shifting (Mercedes-AMG vehicles)



➤ To activate/deactivate: Pull rocker switch ①. If indicator lamp ② is lit, manual shifting is activated. The current gear is displayed in the instrument display.

(i) To permanently shift the gears manually in drive program using the steering wheel paddle shifters, select the **M** (Manual) setting for the transmission

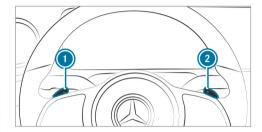
Shifting up and down

NOTE Damage to the engine due to shifting up too late

The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

The fuel supply is interrupted in order to prevent the engine from overrevving.

Shift up before the engine speed reaches the red area in the tachometer.



- To shift up: Pull steering wheel paddle shifter
- To shift down: Pull steering wheel paddle shifter 1.



If the engine speed is too high or too low, you cannot change gear using the steering wheel paddle shifters. In this case, segments 1 light up red.

Function of the glide mode (Mercedes-AMG vehicles)

With an anticipatory driving style, Glide mode helps you to reduce fuel consumption.

Glide mode is characterized by the following:

- The combustion engine is switched off. All of the vehicle functions remain active.
- The symbol appears in the instrument display.

Glide mode is activated if the following conditions are met:

- ECO start/stop function is switched on.
- Drive program is selected with the drive setting "Moderate" or "Reduced".
- The speed is within a suitable range.
- The road's course is suitable, e.g. no steep uphill or downhill inclines or tight curves.

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- The condition of charge of the battery is sufficient.
- You are no longer depressing the accelerator or brake pedal.

Glide mode is deactivated again if one of the conditions is no longer met.

Driving and driving safety systems

Function of ESP® (Mercedes-AMG vehicles)

You can select between the following modes of the Electronic Stability Program (ESP®):

- ESP® ON
- ESP® SPORT
- ESP® OFF

Characteristics when ESP® is activated

ESP® monitors and improves driving stability and traction, particularly in the following situations:

- · When pulling away on wet or slippery road.
- · When braking.

- Vehicles with trailer hitch: in trailer operation from speeds of 40 mph (65 km/h), if the vehicle/trailer combination begins to sway from side to side.
- When there is a strong crosswind and a driving speed of approximately 47 mph (75 km/h) to 125 mph (200 km/h).

ESP® can stabilize the vehicle by intervening in the following ways:

- · One or more wheels are braked.
- The engine output is adapted according to the situation.

ESP® is activated every time the vehicle is started regardless of whether ESP® was in ESP® SPORT or deactivated before the vehicle was switched off.

If the \blacksquare ESP® warning lamp flashes in the instrument cluster, one or several wheels has reached its grip limit:

• Adapt the driving style to suit the prevailing road and weather conditions.

- Do not deactivate ESP® under any circumstances.
- Only depress the accelerator pedal as far as necessary.

Characteristics of ESP® SPORT

A

WARNING Risk of skidding if ESP® SPORT is used incorrectly

When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.

Activate ESP® SPORT only in the circumstances described below.

When ESP® SPORT is activated, the same and separate warning lamps light up continuously in the instrument cluster

Select ESP® SPORT when the vehicle's own oversteering and understeering characteristics are desired, e.g. on cordoned-off roads.

Driving with ESP® SPORT or with ESP® deactivated requires an extremely qualified and experienced driver.

If ESP® SPORT is activated and one or more wheels start to spin, the SSP® warning lamp on the instrument cluster flashes. ESP® then only stabilizes the vehicle to a limited degree.

ESP® SPORT also has the following characteristics:

- ESP® only improves driving stability to a limited degree.
- ETS/4ETS traction control is still active.
- The engine's torque is only restricted to a limited degree and the drive wheels can spin.
 The spinning of the wheels results in a cutting action for better traction on loose surfaces.
- ESP® continues to provide assistance when the brakes are firmly applied.
- Vehicles with trailer hitch: stabilization of the vehicle/trailer combination is no longer active.
- Crosswind Assist is no longer active.

Characteristics when ESP® is deactivated

A

WARNING Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilization.

ESP® should only be deactivated in the following situations.

When ESP® is deactivated, the GF and ESPOFF warning lamps light up continuously in the instrument cluster.

Deactivating ESP® has the following effects:

- Driving stability will no longer be improved.
- The drive wheels could spin.
- ETS/4ETS traction control is still active.
- Vehicles with trailer hitch: stabilization of the vehicle/trailer combination is no longer active.
- Crosswind Assist is no longer active.
- i Even when ESP® is deactivated, you are still assisted by ESP® when braking hard.

It may be best to activate ESP® SPORT or deactivate ESP® in the following situations:

- When using snow chains.
- In deep snow.
- · On sand or gravel.
- (i) Spinning the wheels results in a cutting action, which enhances traction.
- (i) Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilize the vehicle if the vehicle starts to skid or a wheel starts to spin.

If the SSP® warning lamp lights up continuously, ESP® is not available due to a malfunction.

Observe any information which is displayed in the instrument cluster:

- · Indicator and warning lamps
- Display messages

ETS/4ETS (Electronic Traction System)

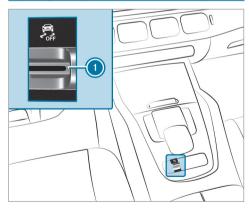
ETS/4ETS traction control is part of ESP®.

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ETS/4ETS can improve the vehicle's traction by intervening in the following ways:

- The drive wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.

Adjusting ESP® (Mercedes-AMG vehicles)



- To activate ESP® SPORT: briefly pull rocker switch .
 - The special and special warning lamps appear in the instrument cluster.
- To deactivate ESP®: pull and hold rocker switch (1) until the (2) and (1) are warning lamps appear in the instrument cluster.
- To activate ESP®: briefly pull rocker switch
 The F, separal and separal warning lamps go out.

Observe the information on warning lamps and display messages which are shown in the instrument cluster.

Activating/deactivating ESP® (Electronic Stability Program) (vehicles without Off-road package)

Multimedia system:

- → 🔝 **>>** Settings **>>** Quick Access
- (i) ESP® can only be activated/deactivated using quick access when at least one other function is available in quick access. ESP® can otherwise be found in the Assistance menu.

- Select ESP.
- Select On or 🐉 Off.

ESP® is deactivated if the Fr ESP® OFF warning lamp lights up continuously in the instrument cluster.

Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

AMG adaptive sport suspension system +

Function of AMG adaptive sport suspension system +

The AMG adaptive sport suspension system + is an air suspension system with variable damping for improved driving characteristics. The all-round level control system ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When driving at speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. You also have the option of manually adjusting the vehicle level.

The damping is set individually for each wheel and is affected by the following factors:

- · Driving style, e.g. sporty
- · Road condition, e.g. bumps
- The individual selection of Sport, Sport + or COMFORT

The AMG adaptive sport suspension system + includes the following components and functions:

- Air suspension with variable spring rate and automatic level control
- Speed-dependent lowering to reduce fuel consumption
- Manually selectable high-level setting for greater ground clearance
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- DYNAMIC SELECT switch and level button
- · Rocker switch for suspension settings

Suspension setting and vehicle level per drive program

Drive program <a>=:

- The suspension setting and the all-wheel drive 4MATIC+ are adapted for sporty performance on fine, loose surfaces.
- The vehicle is set to high level (+1).
- The vehicle is lowered to the normal level (0) when driving at speeds of 43 mph (70 km/h) or above.

Drive program 🔙:

- The suspension setting and the all-wheel drive 4MATIC+ are adapted for driving in areas with no firm road surfaces.
- The vehicle is set to high level (+1).
- The vehicle is lowered to the normal level (0) when driving at speeds of 43 mph (70 km/h) or above.

Drive programs and c:

- The suspension setting is comfortable.
- The vehicle is set to the normal level (0).

- The vehicle is lowered to the low level (-1) when driving at speeds of 75 mph (120 km/h) or above.
- The vehicle is once again raised to the normal level (0) in the following situations:
 - you are driving at less than 50 mph (80 km/h).
 - you are driving for an extended period of time at less than 75 mph (120 km/h).
- 4MATIC+ is dynamically synchronized.

Drive programs s and s:

- The suspension setting is even firmer.
- The vehicle is set to low level (-1).
- The vehicle is not lowered any further if you are traveling at higher speeds.
- 4MATIC+ is more dynamically synchronized.

Differences between different vehicle levels compared to the normal level (0):

- **High level (+1):** approximately +2.2 in (+55 mm)
- Low level (-1): approximately -0.4 in (-10 mm)

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In addition, you can select the setting in every drive program using the procker switch in the center console. After a drive program is changed, the automatic suspension setting of the drive program is reactivated.

AMG active adaptive sport suspension system

Function of AMG active adaptive sport suspension system

The AMG active adaptive sport suspension system additionally supplements the functions of the AMG adaptive sport suspension system + with an active roll stabilization system. Depending on the selected driving program, the suspension setting is adapted to the driving situation by influencing the vehicle's roll behavior with active stabilizers. As a result, the driving comfort and safety of the vehicle are noticeably improved. The stabilizers on the front and rear axle can also be controlled separately to influence more dynamic handling.

Suspension setting per driving program

Drive program ::

Roll movements are significantly reduced.

• Traction is improved for driving on sand.

Drive program 🖘:

- · Roll movements are reduced.
- The suspension setting is designed for improved off-road performance.
- Traction is improved for driving off-road and on loose surfaces.

Drive programs and ::

- The lean is reduced during cornering.
- Roll movements caused by uneven road surfaces are compensated for.

Drive programs s and s:

- The lean is significantly reduced during cornering.
- Roll movements caused by uneven road surfaces are compensated for.
- s¹: the driving characteristics become even more agile through targeted interventions.

Drive program [1*]:

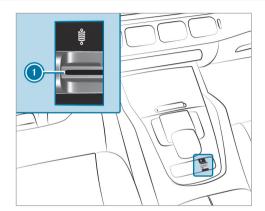
- Individual settings of the suspension setting via AMG Dynamics
 - Basic: reduction of lean during cornering
 - Advanced: increased reduction of lean during cornering
 - Pro: significantly increased reduction of lean during cornering
 - Pro plus: significantly increased reduction of lean during cornering and increased agility of the vehicle's handling through targeted interventions by the system

Selecting the suspension setting

In **COMFORT** mode, the driving characteristics of your vehicle are comfortable. Select this suspension setting if you prefer a comfortable driving style.

SPORT driving mode ensures a firmer suspension. Select this suspension setting when employing a sporty driving style, e.g. on winding country roads.

SPORT+ driving mode ensures a very firm suspension.



Pull rocker switch 1. The currently selected suspension setting is shown as a display message in the media display.

Setting the vehicle level

WARNING Risk of accident because vehicle level is too high

Driving characteristics may be impaired.

The vehicle can drift outwards, for example, when steering or cornering.

Choose a vehicle level which is suited to the driving style and the road surface conditions.

WARNING Risk of entrapment from vehicle lowering

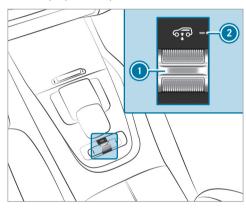
When lowering the vehicle, people could become trapped if their limbs are between the vehicle body and the tires or underneath the vehicle.

Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when the vehicle is being lowered.

Requirements:

The vehicle has been started.

• The vehicle must not be moving faster than 40 mph (65 km/h).



- To raise the vehicle: push rocker switch 1 forwards.
- To lower the vehicle: pull rocker switch 1.

The selected vehicle level appears in the media display.

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When indicator lamp ② lights up, the set vehicle level does not correspond to the standard level of the selected drive program.

The vehicle sets itself to the standard level of the selected drive program when you switch drive programs.

Notes on the instrument display

Additional notes regarding your Mercedes-AMG vehicle:

- Additional note regarding the indicator and warning lamps: the vehicle is also equipped with the ESP[®] (♠), ESP[®] OFF (♠) and ESP[®] SPORT (ESP SPORT) indicator and warning lamps (→) page 38).

You can select the following display content in vehicles with a widescreen cockpit:

- Tachometer with gear display
- · Date and time
- Warm-up
- AMG TRACK PACE
- G-meter

- Engine data
- SETUP
- · Trip computer
- Navigation
- Media
- Telephone

AMG TRACK PACE is displayed on the left-hand section of the display. The warm-up, engine data, SETUP and G-meter menus are displayed on the right-hand section of the display.

Calling up displays on the Performance menu

On-board computer:

- **→** Performance
- To select a display: swipe upwards or downwards on the left-hand Touch Control.

Displays on the Performance menu:

- Warm-up
- Engine data
- SETUP

G-meter



Warm-up (example)

- Digital speedometer
- 2 Engine oil temperature
- Transmission oil temperature
- Boost pressure

If the engine or transmission is not at normal operating temperature, the instrument display will

show temperature ② or ③ in blue. Avoid using the full engine power output during this time.



Engine data (example)

- Current power output
- 2 Current torque

When current power output ① or current torque ② reaches the maximum value, the digital value will briefly be stationary. The bar display will continue.



SETUP in Mercedes-AMG vehicles (example)

- Drive system setting: Reduced/Moderate/Sport/Dynamic/Sand/ Trail/Race
- Transmission position:
 D/M
- AMG DYNAMICS:
 Basic/Advanced/Pro/Master/Slide/Traction
- Suspension tuning: Comfort/Sport/Sport+/Sand/Trail
- Exhaust system: Balanced/Powerful

Resetting the G-meter

While the vehicle is in motion, the G-meter shows the forces that are exerted on the vehicle occupants both laterally and in the direction of travel. The maximum values are represented by red markings.



G-meter (example)

- Press the left-hand Touch Control.
- Select Yes.
- Press the left-hand Touch Control.

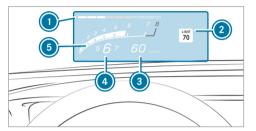
Function of the Head-up Display

The Head-up Display projects the following information into the driver's field of vision above the cockpit, for example:

- · The vehicle speed
- Information from the navigation system
- Information from the driving systems and driving safety systems
- · Some warning messages

Depending on the vehicle's equipment, different content can be shown in the three areas of the Head-up Display.

Mercedes-AMG display content



- Protection from reaching the overrevving range
- 2 Detected instructions and traffic signs
- 3 Current speed
- Currently selected gear; gearshift options for manual shifting
- 6 Current engine speed

Depending on the vehicle's equipment, you can select further AMG displays in addition to the standard displays on the Display Content menu.

In vehicles with AMG TRACK PACE, you can display additional content:

- · Speed and gear display
- · Lap and sector times
- · Acceleration and braking
- · Track layout graphics
- i The content that can be displayed will vary depending on the settings.

When you receive a call, the Incoming Call message will appear on the Head-up Display.

In audio mode, the station name or track will be shown temporarily when the audio source is being actively operated.

System limits

The visibility of the displays will be affected by the following conditions:

- · Seat position
- · Image position setting
- · Ambient light
- · Wet road surface
- · Objects on the display cover

22 Instrument display and on-board computer

- Polarization in sunglasses
- i In extreme sunlight, sections of the display may appear washed out. You can correct this by switching the Head-up Display off and on again.

AMG TRACK PACE

Function of AMG TRACK PACE

i This function is an on-demand feature .

With AMG TRACK PACE, the driving characteristics on race tracks can be analyzed and optimized. You can drive previously stored race tracks (e.g. Hockenheimring), or new tracks can be recorded and stored. The driven lap times are stored for every track. These can be analyzed and compared to other lap times to achieve the best possible race results. Additionally, acceleration and braking procedures can be measured and stored.

Note: Use AMG TRACK PACE only on closed off routes outside the public traffic area. Adapt your driving style to your personal performance and environmental conditions. As the driver, you are solely responsible for driving your vehicle. Park your vehicle safely before operating the application.

Setting Track Race

Multimedia system:

→ TRACK PACE → Track Race

Recording a new track

- Select New Track .
- Select Start Record. at the desired starting point.
- The track recording starts at this point.

During track recording, sectors can be set to divide up the track.

- ▶ Select 😙 Set Sector.
- Select Stop Recording to end track recording or cross the starting line again.
- Confirm the prompt with
- Select the weather.
- i) The temperature is determined automatically.
- After ending, select to save the track.
- Enter a name.
- Press OK to confirm.
 - The track is saved under the name entered.

Searching by track name

- Select All Tracks .
- Enter the track name.
 Tracks with the searched name are displayed.

Measuring time on a saved track

- Select 🔏 All Tracks.
- Select the desired track.
- Select .
- Select Start Race if you are already stood at the starting line.

or

 Select Navigate to for navigation to the starting line.

Timekeeping begins automatically when the starting line has been crossed.

- i When AR is selected, the track display can be switched to AR.
- Select Stop Race to end timekeeping.
- Confirm the prompt with OK.
- Select the weather.

24 MBUX multimedia system

Select Save Track to save the times driven for this track.

Showing displays during Track Race

The following displays can be shown:

- Tire temperature
- Mini map
- Sector overview
- Engine data
- · G-force display
- · Lap overview
- Select Start Race.
- Select Setup.

Pull the desired display from the grid on the left or right edge of the media display. The displays are shown during the Track Race.

By selecting $\boxed{\times}$ on the active display, you can deactivate this.

Select to return to the navigation map view.

Displaying the analysis

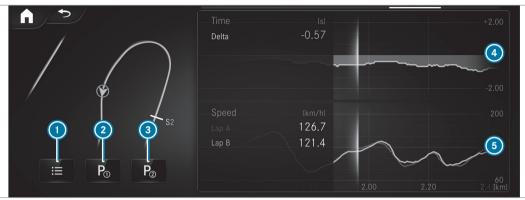
- Select All Tracks .

 An overview of all the driven tracks appears.
- Select a track.
- Select a session.

The following data is displayed:

- Lap and sector times
- Average and maximum permissible speed
- Driver

- Vehicle
- Date
- Weather
- Select Compare to Rec. to use a different session as a reference value
- Select Diagram.
- ► Set parameters P_□ and P_□. The analysis is displayed.



- Lap overview
- Parameter 1
- 3 Parameter 2
- Trajectory of parameter 1 (e.g. time)
- 5 Trajectory of parameter 2 (e.g. speed)
- (i) The following values can be set for parameters 1 and 2, for example:
 - Speed

- · Longitudinal/lateral acceleration
- Steering angle
- Engine speed
- Engine oil/tire temperature

Based on the analysis you can check and optimize driving characteristics for any position on the track.

Exporting tracks (USB)

- Select Tracks. An overview of all stored tracks appears.
- Select the desired track.
- Select options for the desired track.
- Select Export.

The selected track can be exported to a USB storage device connected to the vehicle.

26 MBUX multimedia system

Editing tracks and recordings

- ► Select Tracks.
- Select the desired track.
- ► Select options •• for the desired track.
- Select Rename or Delete.

01

- Select a track.
- Highlight the desired recording.
- ► Select 💍 options.
- Select Export to... or Delete.

Setting Drag Race

Multimedia system:

→ TRACK PACE → Drag Race

Measuring acceleration

- Select Drag Options.
- Select Acceleration.
- Set a starting speed or select Automatic.
 Measurement begins as soon as the specified starting speed has been reached.

- Set a target speed.
 - Measurement stops as soon as the specified target speed has been reached.
- Pull away and start the measurement.
 Measurement begins when the vehicle accelerates.

Measurement can be stopped early by stopping the vehicle.

Quarter-mile race

- Select Drag Options.
- Select Quarter Mile.
- Set a target distance.
 Measurement stops as soon as the specified target distance has been reached.
- Pull away and start the measurement. Measurement begins when the vehicle accelerates. Timing runs until the target distance or a maximum of one mile has been traveled.

Measurement can be stopped early by stopping the vehicle.

Measuring braking

- Drag Options
- Select Braking.
- Set a starting speed or select Automatic.
- Pull away and start the measurement.
- Brake to a standstill.

 Measurement is incremental, in steps of
 5 mph (10 km/h) to a standstill. If the braking
 procedure is started e.g. at a speed of 58 mph
- procedure is started e.g. at a speed of 58 mg (157 km/h), measurement starts as soon as 55 mph (150 km/h) has been reached.

Storing and calling up measurement values

If measurement is completed or canceled, a prompt appears asking whether the measurement should be saved.

Confirm the prompt with to save.

Calling up saved measurements

- ► Select History.
- Select Acceleration, Quarter Mile or Braking.
- Select a measurement.
 The desired measurement

The desired measurement is displayed in detail.

or

Delete a measurement.

Calling up the telemetry display

Multimedia system:

TRACK PACE ► Telemetry

The telemetry display shows current vehicle data as a digital value and as a diagram. Up to three parameters can be selected that are to be shown in the display.

For example:

- · Engine speed
- Wheel angle
- Speed
- Steering angle
- Set the desired parameters.
- Set the time.

The set parameters are evaluated in the diagram for the time set.

Configuring AMG TRACK PACE

Requirements:

To connect a mobile device to the TRACK PACE app:

- The TRACK PACE app is installed on the mobile end device.
- The mobile end device is connected to the multimedia system via Wi-Fi.

Multimedia system:

→ TRACK PACE → Options

Connecting a mobile device via the TRACK PACE app

The TRACK PACE app makes it possible to record videos and to synchronize them with stored tracks.

- Select TRACK PACE App.
- Select AUTHORIZE NEW DEVICE. Available devices are displayed.
- Start the TRACK PACE app on the device to be connected and follow the instructions.
- Confirm the authorization prompt.

Scan the QR code on the media display. The device is authorized.

De-authorizing the mobile device

- Select TRACK PACE App.
- Select De-authorize device.
- Select a device.
- Confirm the message prompt with Yes.
 The device is de-authorized.

Setting the TRACK PACE display in the Head-up Display

- Select HUD Content.
- Activate or deactivate the desired contents. The contents in the Head-up Display are adapted.
- (i) For further information on the Head-up Display, see (→ page 21).

Setting acoustic feedback

- Select Acoustic feedback.

 A scale with values from 0 to 85 is shown.
- Select a setting.

MBUX multimedia system

Displaying statistics

Select Statistics.

Statistics on the current user profile are displayed.

The following data is displayed:

- Driving time
- Track driven
- · Tracks recorded
- · Track Races recorded
- Laps recorded
- Drag Races recorded
- Maximum design speed

Activating the ambient lightIf this function is active, the vehicle interior is lit red or green depending on Delta Time.

- Select Ambient light.
- Activate or deactivate the function.

Changing a wheel

 Be sure to also observe the notes on changing a wheel in the Operator's Manual of your vehicle.

Vehicles with AMG Driver's Package:

WARNING Risk of accident caused by non-approved tire types

If you use tire types that have not been adapted to changes made to the factory speed limit, this can have the following consequences:

- The tires are not suitable for high speeds and the corresponding driving dynamics.
- The tires wear unevenly and affect the roadworthiness of the vehicle.
- ABS, ESP® and cruise control operation are restricted.

This can jeopardize road safety.

Only use tire types that have been approved for the maximum permissible speed set and the vehicle.

Vehicles with AMG ceramic high-performance composite braking system:

NOTE Damage to the ceramic brake disc when changing a wheel

Mercedes-AMG vehicles with ceramic brake discs: during removal and repositioning of the wheel, the wheel rim can strike the ceramic-brake disc and damage it.

- ► Take particular care.
- Ask another person for assistance or use a second alignment bolt.
- When changing the wheel, avoid exerting any force on the brake discs.
 This can lead to impaired comfort during braking.

Operating fluids

Fuel

Information on fuel qualities for Mercedes-AMG vehicles

Observe the information on operating fluids in the vehicle operator's manual.

NOTE Damage caused by the wrong fuel

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

Only refuel with low-sulfur spark-ignition engine fuel.

This fuel may contain up to 10% ethanol by volume. Your vehicle is suitable for use with E10 fuel.

Never refuel with one of the following fuels:

- diesel
- Gasoline with more than 10% ethanol by volume, e.g. E15, E85, E100

- Gasoline with more than 3% methanol by volume, e.g. M15, M30, M85, M100
- · Gasoline with additives containing metal

If you have accidentally refueled with the wrong fuel:

- Do not switch on the vehicle.
- Consult a qualified specialist workshop.

If the available fuel is not sufficiently low in sulfur, this can produce unpleasant odors.

Only refuel using premium-grade unleaded gasoline with at least 91 AKI/95 RON.

As a temporary measure, if the recommended fuel is not available, you may also use regular unleaded gasoline. When doing this, note the octane number on the vehicle on the information label in the fuel filler flap (see the vehicle's operator's manual). Filling up with regular unleaded gasoline can reduce engine output and increase fuel consumption.

Never refuel using gasoline with an even lower RON.

NOTE Premature engine wear through unleaded regular gasoline

Impairment of the longevity and performance of the engine.

If unleaded premium grade gasoline is unavailable and you have to refuel using unleaded regular gasoline:

- Only fill the fuel tank to half full with unleaded regular gasoline and refill as soon as possible with unleaded premium grade gasoline.
- ▶ Do not drive at the maximum design speed.
- Avoid sudden acceleration and engine speeds over 3000 rpm.

Further information on fuel is available at the following locations:

- · At a gas station
- · At a qualified specialist workshop
- USA only: At https://www.mbusa.com

Tank content and fuel reserve

Model	Total capacity
Mercedes-AMG GLS 63 4MATIC+	23.8 gal (90.0 liters)
Model	of which reserve fuel

Quality and capacity of engine oil

Model	MB-Freigabe or MB- Approval
Mercedes-AMG GLS 63 4MATIC+	229.5*

^{*} Recommended for lowest possible fuel consumption (lowest SAE viscosity class in each case; observe possible restrictions of the approved SAE viscosity classes).

To achieve the lowest possible fuel consumption, it is recommended to use the engine oil specifica-

tions marked in the table for the lowest SAE viscosity class. Possible restrictions of the approved SAE viscosity classes must be observed.

Only use SAE 0W-40 or SAE 5W-40 engine oils. The following values refer to an oil change, including the oil filter.

Model	Capacity
Mercedes-AMG GLS 63 4MATIC+	10.0 US qt (9.5 liters)

Coolant capacity

Model	Capacity
Mercedes-AMG GLS	17.0 US qt
63 4MATIC+	(16.1 liters)

Filling capacity for refrigerant and PAG oil

Model	Refrigerant
Mercedes-AMG GLS 63 4MATIC+	23.9 ± 0.4 oz $(680 \pm 10 \text{ g})$
Model	PAG oil

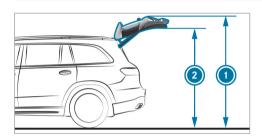
Vehicle data

Vehicle dimensions

The heights specified may vary as a result of the following factors:

- Tires
- Load
- Condition of the suspension
- · Optional equipment

32 Technical data



Height when opened and headroom

Model	Height when opened*	2 Head- room*
Mercedes-AMG	91.1 in	75.1 in
GLS 63 4MATIC+	(2313 mm)	(1907 mm)

^{*}When the rear-end lowering is activated, the values are correspondingly lower.

Vehicle dimensions

Mercedes-AMG GLS 63 4MATIC+	
Vehicle length	206.4 in (5243 mm)
Vehicle width including outside mirrors	84.9 in (2157 mm)
Vehicle width without outside mirrors	79.9 in (2030 mm)
Maximum vehicle height	70.1 in (1782 mm)
Wheelbase	123.4 in (3135 mm)
Minimum ground clearance	9.8 in (250 mm)

Weights and loads

Please note that for the specified vehicle data:

- Items of optional equipment increase the curb weight and reduce the payload.
- You will find vehicle-specific weight information on the vehicle identification plate (see the vehicle Operator's Manual).

Roof load

Model	Maximum roof load
Mercedes-AMG GLS 63 4MATIC+	220 lb (100 kg)

Running board

Model	Maximum load
Mercedes-AMG GLS 63 4MATIC+	440 lb (200 kg)

Off-road driving

Fording depth

! NOTE Damage caused by water when fording

In the following cases water can penetrate into the engine compartment and vehicle interior:

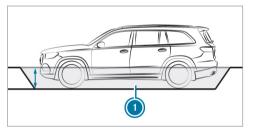
- The maximum permissible fording depth is exceeded when driving through standing water.
- When driving through the water a bow wave forms.
- Water accumulates when driving through running water.
- Do not exceed the maximum permissible fording depth and drive slowly through the water.

The specified value indicates the maximum permissible fording depth for:

- · Vehicles that are ready to drive
- slow driving through standing water

Driving through flowing water reduces the permissible fording depth due to the accumulation of water.

Observe the notes on off-road driving and fording in the vehicle Operator's Manual.



Model	Fording depth
Mercedes-AMG GLS 63 4MATIC+	19.7 in (50 cm)

Angle of approach/departure

The specified values are maximum values for vehicles that are ready to drive.

Observe the notes on driving in mountainous terrain in the vehicle Operator's Manual.



Angle of approach/departure

Model	Front	Rear
Mercedes-AMG GLS 63 4MATIC+	18°	18°

Maximum gradient climbing ability

The vehicle's gradient climbing ability depends on the weight distribution in the vehicle, the terrain conditions and the road surface conditions.

The specified value applies when:

• The vehicle is ready to drive

34 Technical data

The road surface conditions and thus the traction are good

A gradient climbing ability of 100% corresponds to an incline of $45\,^\circ.$

Observe the notes on driving in mountainous terrain in the vehicle Operator's Manual.

Model	Maximum gradi- ent climbing abil- ity
Mercedes-AMG GLS 63 4MATIC+	99%

Maximum design speeds

The following values only apply to vehicles with the AMG Driver's Package.

	Mercedes-AMG GLS 63 4MATIC+
1st gear	33 mph (54 km/h)
2nd gear	56 mph (90 km/h)

	Mercedes-AMG GLS 63 4MATIC+
3rd gear	80 mph (129 km/h)
4th gear	110 mph (178 km/h)
5th gear	149 mph (240 km/h)
6th gear	174 mph (280 km/h)
7th gear	174 mph (280 km/h)
8th gear	174 mph (280 km/h)
9th gear	174 mph (280 km/h)

Trailer hitch

General notes on the trailer hitch

Modifications to the engine cooling system may be necessary, depending on the vehicle model. The retrofitting of a trailer hitch is only permissible if a towing capacity is specified in your vehicle documents. Further information can be obtained at a qualified specialist workshop.

Towing capacity

The tongue weight is not included in the towing capacity.

Missing values were not available at the time of going to press.

Towing capacity, braked

Model	Towing capacity
Mercedes-AMG GLS 63 4MATIC+	

Maximum tongue weight and load capacity

! NOTE Damage caused by the trailer coming loose

If the tongue weight used is too low, the trailer may come loose.

- The tongue weight must not be below 110.2 lbs (50 kg).
- Use a tongue weight that is as close as possible to the maximum permissible tongue weight.

I NOTE Damage caused by the bicycle rack coming loose

When using a bicycle rack, both the maximal tongue weight and the maximal load capacity should be observed.

Do not exceed the permissible load capacity.

Observe the additional notes on load capacity in the vehicle Operator's Manual.

Missing values were not available at the time of going to press.

Tongue weight	
Model	Maximum tongue weight
Mercedes-AMG GLS 63 4MATIC+	

Model	Axle load
Mercedes-AMG GLS 63 4MATIC+	

Load capa	acity
-----------	-------

Mercedes-AMG GLS 63 4MATIC+	Maximum load
When attaching the bicycle rack to the ball head	165.3 lbs (75 kg)
When attaching the bicycle rack to the ball head and additionally to the guide pin	220.5 lbs (100 kg)

Permissible rear axle load (trailer operation)

Missing values were not available at the time of going to press.

Display messages

Driving systems

Display messages Possible causes/consequences and ▶ Solutions * The AMG adaptive sport suspension system + or AMG active adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected. ▶ Do not drive at speeds greater than 50 mph (80 km/h). Malfunction Drive at Max. Visit a qualified specialist workshop. 50 mph **AMG Suspension System** * One or more main functions of the AMG adaptive sport suspension system + or the AMG active adaptive sport suspen-Function Limited See Opersion system is malfunctioning. ator's Manual The system is outside the operating temperature range or the on-board electrical system voltage is too low. Once the cause of the problem is no longer present, the system will be available again. NOTE The vehicle's suspension and damping behavior is restricted. The vehicle body may tilt heavily to the side during cornering. Drive on carefully. Reduce speed considerably before taking a bend. Avoid sudden steering movements.

Drive on carefully.

Display messages	Possible causes/consequences and ▶ Solutions
	Reduce speed considerably before taking a curve.Avoid sudden steering movements.

Warning and indicator lamps

Driving systems

Warning/indicator lamp Possible causes/consequences and ➤ Solutions *The yellow AMG adaptive sport suspension system + or AMG active adaptive sport suspension system warning lamp is lit. There is a malfunction in the AMG adaptive sport suspension system + or the AMG active adaptive sport suspension system. Note the messages on the instrument display.

Driving safety systems

Warning/indicator lamp



Possible causes/consequences and ▶ Solutions

* The yellow ESP® OFF warning lamps are lit while the vehicle is running. FSP® is deactivated.

Other driving systems and driving safety systems may also be inoperative.

WARNING Risk of skidding when driving with ESP® deactivated

ESP® does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.

- Drive on carefully.
- Deactivate ESP[®] only for as long as the situation requires.

If ESP® cannot be activated, ESP® is malfunctioning.

- ► Have ESP® checked immediately at a qualified specialist workshop.
- ▶ Observe the notes on deactivating ESP[®] (\rightarrow page 12).



* ESP® SPORT is activated while the vehicle is running.
When ESP® SPORT is activated, ESP® will stabilize the vehicle only to a limited extent.

MARNING Risk of skidding if ESP® SPORT is used incorrectly

When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	Activate ESP® SPORT only in the circumstances described below.
	▶ Observe the notes on activating ESP® SPORT(\rightarrow page 12).

A	Automatic transmission	_	Changing gears	
AMG	Drive programs DYNAMIC SELECT switch	8 8	Manually	10
Menu (on-board computer) 19	Manual gearshifting		Climate control Filling capacity for refrigerant and	
AMG active adaptive sport suspension system	Oil temperature (on-board computer,		PAG oil	31
Selecting the suspension setting 16	Performance menu)		Cockpit	01
Setting the vehicle level	Steering wheel paddle shifters	10	Overview	4
Suspension	Axle load		Coolant (engine)	
AMG adaptive sport suspension system + Suspension	Towing a trailer	35	Capacity	31
AMG ceramic high-performance compo-	В		D	
site brake system 8	Bicycle rack		Dashboard	_
AMG Performance adjustable exhaust system	Load capacity	34	see Cockpit	
Function 8	Boost pressure (on-board computer, Per-		Į.	
Operating 8	formance menu)	19	Display messages	24
AMG Performance steering wheel 7	Brakes		Malfunction Drive at Max. 50 mph	30
AMG steering wheel buttons	AMG ceramic high-performance com-		AMG Suspension System Function	
Function 7	posite brake system	8	Limited See Operator's Manual	36
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Function	Installing a new wheel	29 29	Drive programs	
Telemetry display	Removing a wheel	29	see DYNAMIC SELECT	
Track Race			See DINAMIC SELECT	

Driving safety system ESP® (Electronic Stability Program)	Engine oil Capacity	31 31 19 14 14 12 12	Gear display (on-board computer, Performance menu)	19 30
Drive program display 10 Drive programs 8 Function 8 Operating 10 Selecting the drive program 10	Function/notesF		I Individual drive program Configuring	1(
E E10	E10 Flexible fuel vehicles Fuel reserve Gasoline Quality (gasoline) Sulfur content.	30 31 30 30	Selecting Instrument display AMG displays	

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M	formance menu)	Steering wheel paddle shifters	10
MBUX multimedia system	Programs see DYNAMIC SELECT	Sulfur content	30
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