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Mercedes-AMG Supplement

Mercedes-Benz



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Documentation team

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Vehicle manufacturer

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As at 29.09.22

Thank you for purchasing a Mercedes-AMG

Before your first drive, please read this Operator's Manual carefully and familiarize yourself with your vehicle. For your own safety and a longer service life 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 from that shown in the descriptions and illustrations in individual cases.

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
- Supplementary manuals relating to specific equipment
- 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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In this Operator's Manual, you will find the following symbols:

⚠ WARNING Danger due to failure to observe 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.

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

▶ Instruction

(→ page) Further information on a topic

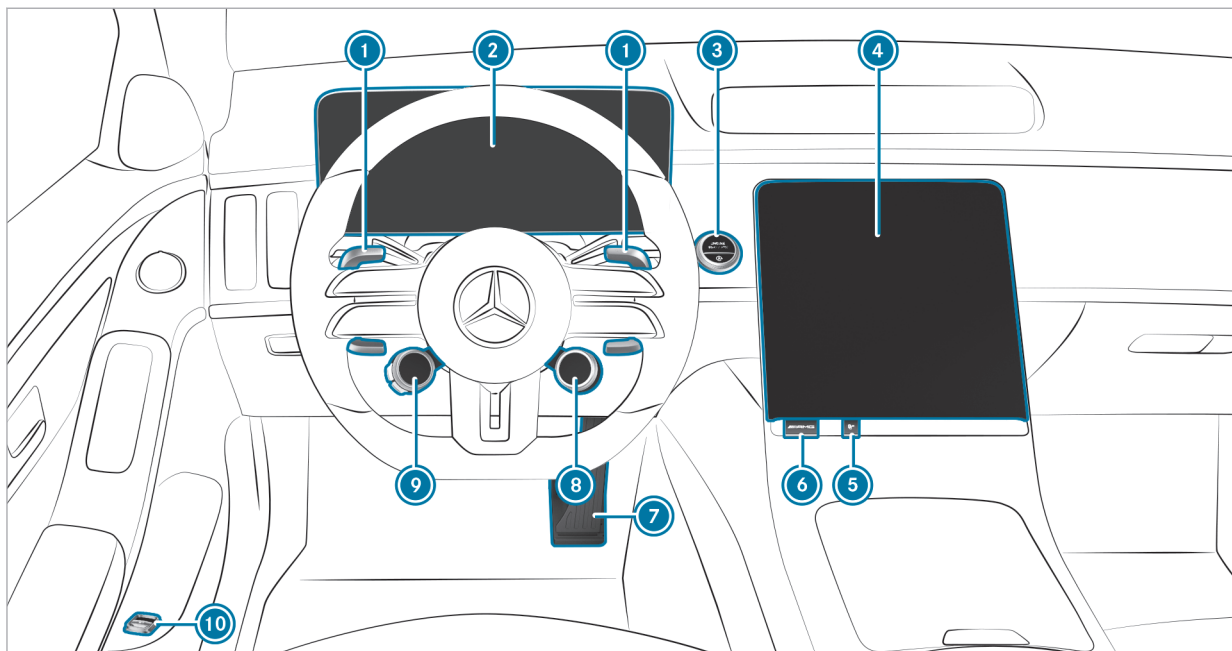
Display Display in the central display

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





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

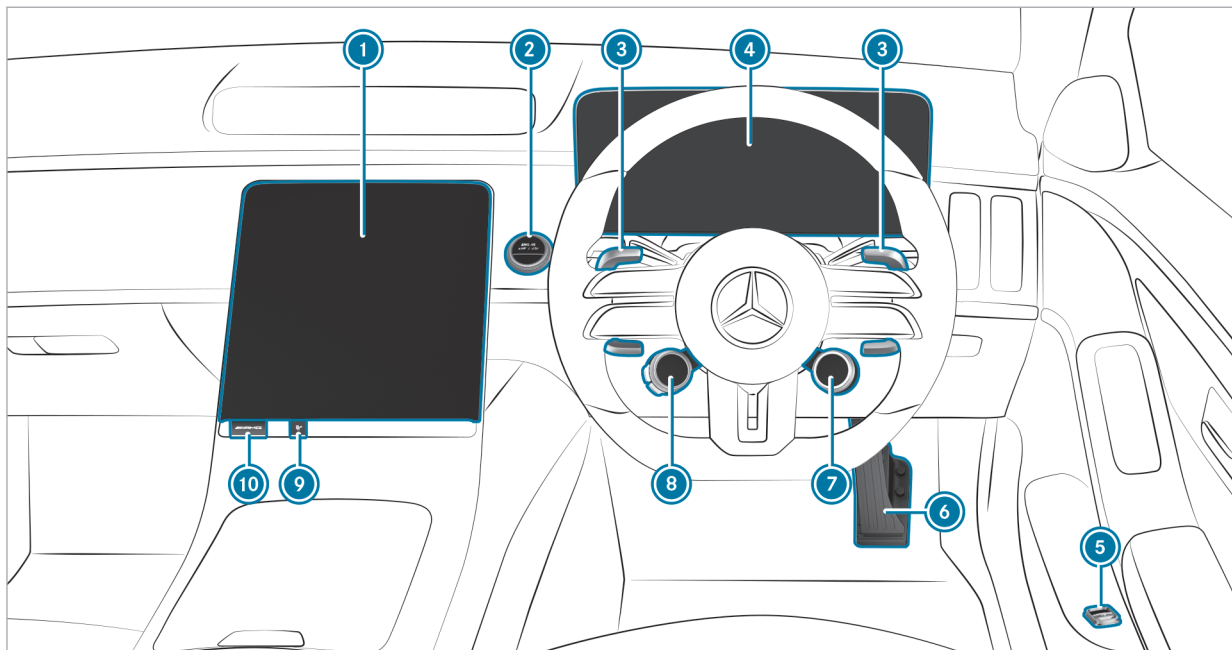
* Indicates a cause

4 At a glance – Cockpit







Left-hand drive vehicles

①	Steering wheel paddle shifters	→	19	⑤	Sets charging times		
②	Driver's display:			⑥	Sets AMG DYNAMIC SELECT in the MBUX mul- timedia system	→	18
	 Operational readiness	→	29	⑦	 Haptic accelerator pedal		
	Power meter	→	36	⑧	Selects the drive program	→	18
	Trip computer	→	29		Sets recuperation	→	14
③	 Start/stop button	→	14	⑨	AMG steering-wheel buttons	→	13
④	Central display:			⑩	 Depressurizes the fuel tank		
	Plug-in hybrid settings						
	Energy flow display						



Right-hand drive vehicles

①	Central display:		
	Plug-in hybrid settings		
	Energy flow display		
②	 Start/stop button	→	14
③	Steering wheel paddle shifters	→	19
④	Driver's display:		
	 Operational readiness	→	29
	Power meter	→	36
	Trip computer	→	29

⑤	 Depressurizes the fuel tank		
⑥	 Haptic accelerator pedal		
⑦	Increases recuperation	→	14
	Reduces recuperation	→	14
⑧	AMG steering-wheel buttons	→	13
⑨	Sets charging times		
⑩	Sets AMG DYNAMIC SELECT in the MBUX multimedia system	→	18

Operator's Manual

These Operating Instructions provide information on all the important functions of your AMG hybrid 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 do the Operating Instructions 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 these Operating Instructions.
- The models and the standard and special equipment only available in certain countries.
- The models and the standard and special equipment, which will only be available at a later date.

Note that your vehicle may not be installed with all features described. This is also the case for systems relevant to safety. Therefore, the equipment on your vehicle may differ from that in the descriptions and illustrations.

The original purchase agreement for your vehicle contains a list of the equipment 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, Operating Instructions, further supplementary documents and Maintenance Booklet are important documents and should be kept in the vehicle.

Protection of the environment



ENVIRONMENTAL NOTE Environmental pollution caused by irresponsible disposal of the high-voltage battery

A high-voltage battery contains materials which are harmful to the environment.

▶ Dispose of defective high-voltage batteries at a qualified specialist workshop.

Operating safety

Hybrid vehicles have a combustion engine and at least one electric motor. The energy supply for operating the vehicle electrically is provided by the high-voltage on-board electrical system.

⚠ DANGER Risk of death and fire due to modified and/or damaged components of the high-voltage on-board electrical system

The vehicle's high-voltage on-board electrical system is under high voltage. If you modify component parts in the vehicle's high-voltage on-board electrical system or touch damaged component parts, you may be electrocuted. In addition, modified and/or damaged components may cause a fire.

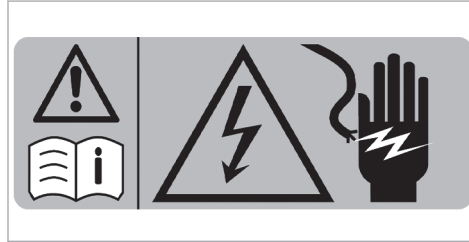
In the event of an accident or impact to the vehicle underbody, components of the high-

voltage electrical system may be damaged although the damage is not visible.

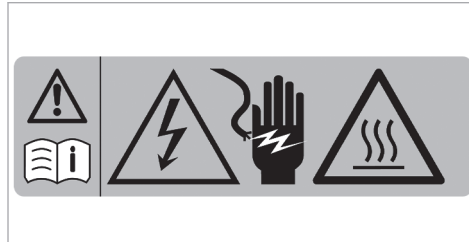
- ▶ Never make any modifications to the high-voltage on-board electrical system.
- ▶ Do not switch on or use the vehicle if its high-voltage on-board electrical system components have been modified or damaged.
- ▶ Never touch damaged components of the high-voltage on-board electrical system.
- ▶ After an accident, do not touch any components of the high-voltage on-board electrical system.
- ▶ After an accident, have the vehicle transported away.
- ▶ Have the components of the high-voltage on-board electrical system checked at a qualified specialist workshop and replaced if necessary.

The components of the high-voltage on-board electrical system are marked with yellow warning

stickers. The cables of the high-voltage on-board electrical system are orange.



High-voltage components that can become very hot are marked with an additional warning sticker:



Vehicles with hybrid systems generate significantly less noise when stationary and when being driven than vehicles with combustion engines.

When you are driving in electric mode, the vehicle may not be heard by other road users due to the significantly reduced noise generated when it is stationary and when it is in motion.

For this reason, the vehicle is equipped with a sound generator, which serves as an acoustic vehicle alerting system (AVAS). This protective equipment is prescribed by law.

The outside sound produced by the sound generator (AVAS) can be heard in the vehicle interior at low speeds and does not represent a malfunction.

Qualified specialist workshop

Always have the following work carried out on your vehicle at a qualified specialist workshop:

- Safety-relevant works
- Service and maintenance work
- Repair work

10 General notes

- Modifications as well as installations and conversions
- Work on electronic components
- Work on the hybrid system

Notes for persons with electronic medical aids



When charging the high-voltage battery, keep a distance of at least an arm's length between the medical aid and the following components:

- The power supply equipment
This includes charging stations in the form of a wallbox or a public charging point, for example.
- Vehicle components carrying live voltage
This includes the charging cable and the charging control box, for example.


Restraint system

Malfunctioning restraint system

A malfunction has occurred in the restraint system if:

- The  restraint system warning lamp does not light up when the vehicle is switched on
- The  restraint system warning lamp lights up continuously or repeatedly during a journey

If the restraint system is malfunctioning, in the event of an accident the high-voltage on-board electrical system may not be deactivated as intended.

 **DANGER** Risk of death due to the restraint system malfunctioning

Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended.

You may receive an electric shock if you touch the damaged components of the high-voltage on-board electrical system.

- ▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop.
- ▶ After an accident, switch off the vehicle immediately.

Driving

Notes on plug-in hybrids

Pay attention to the instructions on plug-in hybrids in the Operator's Manual; otherwise you may not be able to recognize dangers.

Notes on plug-in hybrid operation

- The **Mercedes-AMG S 63 E PERFORMANCE** model can accelerate up to a speed of approx. 87 mph (140 km/h) electrically.
- In drive programs **[C]** and **[B]**, the hybrid drive system selects the appropriate drive type depending on the driving situation (→ page 16).
- In drive program **[EL]**, the vehicle drives purely electrically; in the **[S+]**, **[S]**, and **[S-]** drive programs, the combustion engine is always on.

Charging the high-voltage battery

Follow the instructions for charging the high-voltage battery in the Operator's Manual to avoid damage and accelerated aging.

- ⓘ If you use the high-voltage battery exclusively with low states of charge, fully charge the high-voltage battery every six months.

Depending on the equipment and national version, your vehicle is equipped with a type 1 or type 2 vehicle socket for single-phase AC charging.

Charging options for the high-voltage battery (mode 2 or 3):

- Charging through recuperation while the vehicle is in motion
- Charging with alternating current when stationary:
 - at a mains socket (mode 2)
 - at a wallbox or charging station (mode 3)


Engine output and engine torque (Mercedes-AMG vehicles)

- ⓘ The actual (maximum) values that can be achieved for engine output and engine torque may deviate from the certified values within the permissible tolerances according to coun-


try-specific guidelines (basis: UN-ECE No. 85 or country-specific guidelines).

Variables that can influence this are, for example:

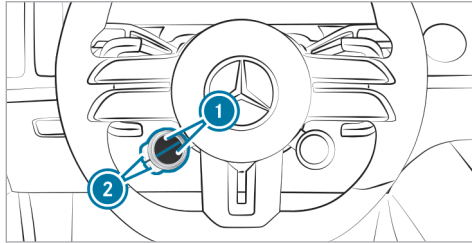
- Location above sea level
- Fuel quality
- Outside temperature
- Operating temperature of the engine

Until the engine has reached its operating temperature, the engine operating temperature warning lamp  is lit.

Engine output and engine torque have been reduced. Take this into account in your driving style.

When the engine operating temperature warning lamp  goes out, full engine output and engine torque are available to you.







Function of the AMG steering-wheel buttons



The AMG steering-wheel buttons are an additional control element with two buttons on the steering wheel.

You can assign two vehicle functions of your choice to the control element. You can change between the available functions for the corresponding button ② by pressing the upper or lower part of the display button ① repeatedly. The display buttons ① show each function selected.

Depending on the vehicle's equipment, the following functions will be available:

-  ESP® (→ page 21)
-  AMG RIDE CONTROL + (→ page 25)
- AMG ACTIVE RIDE CONTROL (→ page 26)
-  Manual gearshifting (→ page 19)
-  AMG Real Performance Sound (→ page 16)
-  Camera views (see the vehicle Operator's Manual)
-  AMG DYNAMICS (→ page 16)

You can also select all functions that you have set as favorites in the multimedia system. Information on favorites in the multimedia system and their configuration (see vehicle Operator's Manual).


- ① Individual functions may not be shown. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 13).

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

The assignment of the display buttons ① remains stored even after the vehicle is started again. The operating status of the respective function is, however, reset to the basic setting.

Setting the AMG steering wheel buttons

Multimedia system:

- ➔  ➔ Settings ➔ System
- ➔ Control Elements
- ➔ AMG Steer. Wheel Buttons

- ① The **SETTINGS SELECT** menu can also be called up using the AMG button in the center console or by pressing and holding the respective display button.

The left display buttons on the steering wheel can be set in the **SETTINGS SELECT** menu.

- ▶ Select the upper or lower display button in the central display and switch to editing mode by pressing and holding it.

- ▶ Press **+** and select the desired function from the list.
The selected function is assigned to the corresponding display button and can now be called up directly by simply pressing it.

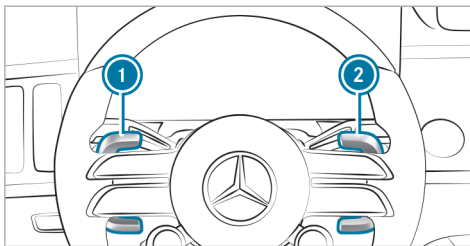
Deleting button assignment

- ▶ Select the upper or lower display button and switch to editing mode by pressing and holding it.
- ▶ Press **⊗** to delete the selected display button assignment.

Function of the Emotion Start (Mercedes-AMG vehicles)

Requirements

- At least one of the sporty drive programs **S** or **S*** can be selected and is not hidden (→ page 18).
- ⓘ If all sporty drive programs are hidden, Emotion Start cannot be activated.



- ▶ Start the vehicle with the start/stop button and simultaneously pull one of steering wheel paddle shifters **1** or **2**.
The idle speed is briefly increased upon starting and the engine sound is reproduced in a sporty and powerful manner.
- ⓘ If drive program **S*** is not selected before the engine is started, the vehicle will start in drive program **S**.
Individual drive programs may not be shown. How drive programs are displayed and the order in which they are displayed can be set in the multimedia system (→ page 18).
If drive program **S** is not shown, the vehicle will start in drive program **S***. If sporty

drive programs **S** and **S*** are hidden, Emotion Start cannot be activated.

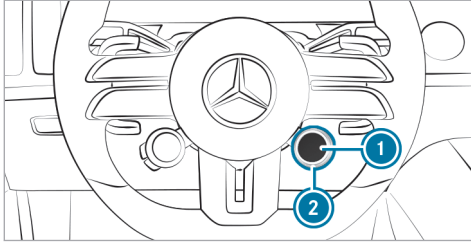
Follow the instructions for starting the vehicle in the Operator's Manual for the vehicle.

Recuperative brake system

Manually setting recuperative deceleration (Mercedes-AMG vehicles)

Requirements

- Drive program **EL**, **B**, **C**, **S** or **S*** is selected.
- ESP® is activated – ESP® ON.
- Active Distance Assist DISTRONIC is not activated.



The higher the recuperation, the more sharply the vehicle is braked when coasting and the more electrical energy is fed into the high-voltage battery.

i When the vehicle is started again or transmission position **D** is engaged again, standard recuperation is automatically set.

▶ Press display button **1**.

The display button shows the symbol with a three-part segment display for setting the recuperation.

i If the display is grayed out, the requirements are not met and setting is not possible.

If the charging potential of the high-voltage battery is reduced, e.g. due to a high state of charge or a high-voltage battery that is not yet at operating temperature, it may not currently be possible to set a recuperation level. The **Desired Recuperation Level Currently Unavailable** message will then be shown on the instrument display.

If the symbol is shown with a red ! on the display button, the regenerative brake system is malfunctioning. Observe the information on warning lamps and display messages which are shown in the driver's display.

▶ **To increase recuperation:** turn rotary switch

2 clockwise in the **+** direction.

▶ **To decrease recuperation:** turn rotary switch

2 counter-clockwise in the **-** direction.

The following recuperation levels are available and are shown on display button **1**:

- and no segments light up: no recuperation, the vehicle rolls freely
- and one segment lights up: standard recuperation

- and two segments light up: increased recuperation, heavy deceleration in overrun mode, e.g. for driving on downhill gradients
- and three segments light up: maximum recuperation, maximum deceleration in overrun mode

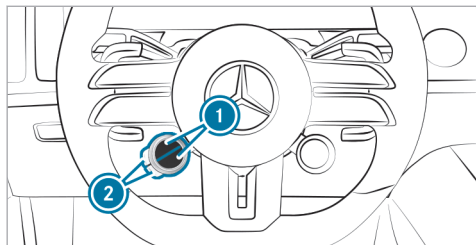
i In drive programs **EL**, **C** and **B**, on downhill gradients, the intensity of the recuperation will be adjusted as needed: the steeper the incline, the higher the recuperation. Depending on the situation, it may nevertheless be necessary to additionally depress the brake pedal.


If the charging potential of the high-voltage battery has to be reduced due to an increasing high state of charge, e.g. when you are driving downhill for a long time, the recuperation level will automatically be reduced. The **Recuperative Deceleration Temporarily Reduced** message will then be shown on the instrument display.

AMG Real Performance Sound

Selecting a sound characteristic with the steering-wheel button

- ① You can select a comfortable (Balanced) or a sporty (Powerful) sound characteristic using the steering-wheel button or the multimedia system (→ page 18).



- ▶ Press upper or lower display button ① repeatedly, until it displays the  symbol.

- ① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 13).

played can be set in the multimedia system (→ page 13).

- ▶ Press corresponding button ②.

The color of the button symbol indicates the currently selected sound characteristic:

- **Blue:** Balanced – comfortable
- **Red:** Powerful – sporty

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



- ① Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme loads.

DYNAMIC SELECT

Function of DYNAMIC SELECT (Mercedes-AMG vehicles)

DYNAMIC SELECT makes the quick selection of a drive program possible in accordance with the current driving situation or the desired vehicle characteristics.

You can select from the following drive programs:

-  **Slippery**
 - Optimized pulling away and driving characteristics in wintry and slippery road conditions
 - Drive only with combustion engine
-  **Battery Hold**
 - Prioritizes maintaining the state of charge of the high-voltage battery, e.g. for subsequent journeys in inner-city/low-emission zones
 - The selection of the appropriate drive type by the hybrid system depends on the driving conditions

- **EL** **Electric**
 - Electric mode: driving without the combustion engine is possible up to approximately 85 mph (140 km/h).
 - Limits the maximum set speed for Active Distance Assist DISTRONIC to the maximum speed possible in electric mode
 - Activates the combustion engine via the first point of resistance of the haptic accelerator pedal
- **C** **Comfort**
 - Comfortable and economical driving
 - The selection of the appropriate drive type by the hybrid system depends on the driving conditions
- **I*** **Individual**
 - Customized settings for drive, suspension, steering and ESP®
- **S** **Sport**
 - Sporty driving

- Driving using the combustion engine and reinforced boost effect
 - Suitable only for good road conditions, a dry surface and a clear stretch of road
- **S*** **Sport+**
 - Particularly sporty driving
 - Driving using the combustion engine and reinforced boost effect
 - Suitable only for good road conditions, a dry surface and a clear stretch of road

Mercedes-AMG recommends selecting drive program **C** when in city traffic or stop-and-go traffic.

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

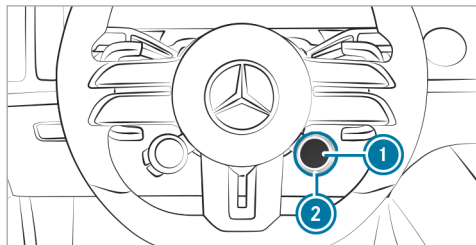
- Drive
- AMG DYNAMICS
 - The three agility functions Basic, Advanced and Pro are automatically selected depending on the drive program.

- The steering, shift timing point, all-wheel drive and stabilization functions will be adapted to the selected drive program.

- Real Performance Sound
- Sound of the drive system in the vehicle interior
- Suspension
- Steering
- ① You can set the drive program characteristics using the multimedia system (→ page 18).
- ① You can adjust the agility functions of AMG DYNAMICS using the AMG steering-wheel buttons.

Selecting a drive program (Mercedes-AMG vehicles)

Selection with the right-hand steering-wheel button

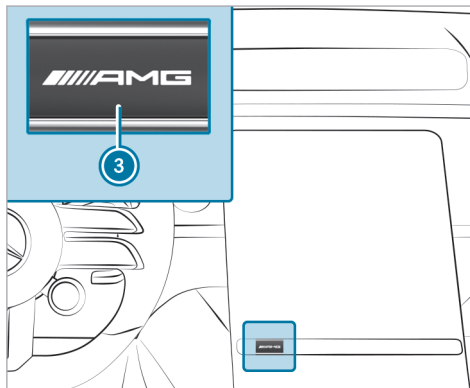


▶ Turn rotary switch ②.

The selected drive program will appear on display button ① and on the driver's display.

- ① Individual drive programs may not be shown. How drive programs are displayed and the order in which they are displayed can be set in the multimedia system (→ page 18).
- ① If you press display button ①, you set the recuperation in overrun mode (→ page 14).

Selection via the central display (multimedia system)



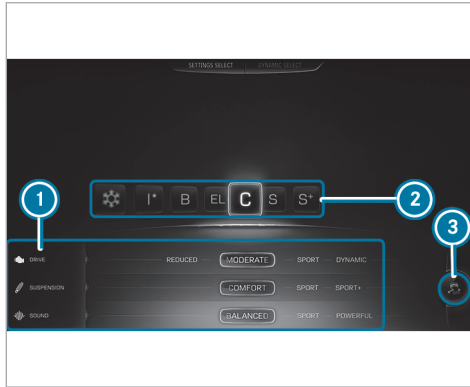
▶ Press button ③ and select the drive program via the central display.

Setting AMG DYNAMIC SELECT in the MBUX multimedia system

Multimedia system:

- ▶ ▶ Settings ▶ Vehicle
- ▶ DYNAMIC SELECT

Overview of the AMG DYNAMIC SELECT menu



- ① AMG drive program settings
- ② Drive programs
- ③ ESP® (→ page 21)


① Depending on the equipment, the AMG **DYNAMIC SELECT** menu can also be called up using the AMG button in the center console.

▶ Select the appropriate drive program.

The settings of the drive programs can be adjusted individually.

▶ Select the desired tab on the left and make the relevant setting.

Setting options for the drive programs (equipment-dependent)

- AMG DYNAMICS:
Basic/Advanced/Pro
- Suspension:
Comfort/Sport/Sport+
- Drive (can only be set in the  drive program):
Reduced/Moderate/Sport/Dynamic

Automatic transmission

Rocking the vehicle free

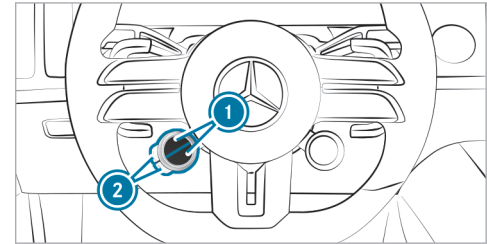
Rocking the vehicle free may help to free the vehicle if it has become stuck in slush or snow.


To rock the vehicle free, move the DIRECT SELECT lever upwards and downwards past the point of resistance to switch between transmission positions **D** and **R**.

① The maximum design speed for switching between **D** and **R** is approx. 6 mph (9 km/h).

Manual shifting (Mercedes-AMG vehicles)

① You can also activate and deactivate manual gearshifting via the multimedia system (→ page 20).





▶ Press upper or lower display button ① repeatedly, until it displays the  symbol.

① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 13).

▶ **To activate/deactivate:** press corresponding button ②.

The symbol indicates the currently selected transmission position:

-  **M** (red): manual gearshifting
-  **D** (blue): automatic transmission

Automatic transmission must be selected for electric mode. If you select manual mode in drive program **EL**, the drive program will change to **C** and the combustion engine will start. If you are driving in electric mode in drive program **B** or **C** and select manual mode, the combustion engine will start.

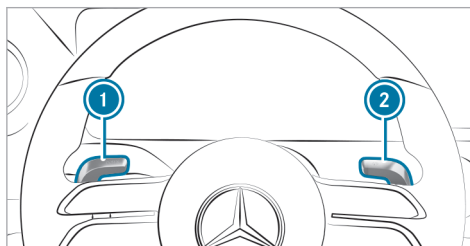
Shifting up and down

! **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.

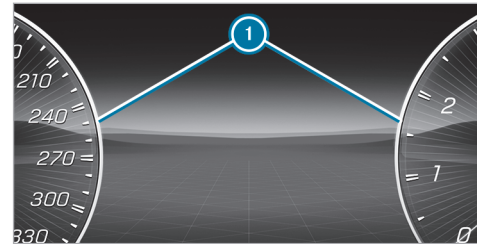
The fuel supply is interrupted in order to prevent the engine from overrevving.

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



▶ **To shift up:** pull steering wheel paddle shifter ②.

▶ **To shift down:** pull steering wheel paddle shifter ①.



If the engine speed is too high or too low, you will not be able to change gear using the steering wheel paddle shifters. In this case, segments ① will light up red in the driver's display.

Permanently activating or deactivating manual gearshifting

Multimedia system:

 **Settings** **» Vehicle** **» Driving**

▶ Permanently switch the function on or off.

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 roads.
- When braking.
- When there is a strong crosswind and a driving speed of approximately 50 mph (80 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 drive system output is adapted according to the situation.

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

When the  warning lamp flashes, 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.
- Depress the accelerator pedal only as far as necessary.

Characteristics of ESP® SPORT

 **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 selected, the  and  warning lamps light up continuously.

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  warning lamp will flash. ESP® then stabilizes the vehicle only to a limited degree.

ESP® SPORT also has the following characteristics:

- ESP® improves driving stability only to a limited degree.
- ETS/4ETS traction control is still active.
- The power of the drive system is limited only slightly according to the situation and the drive wheels can spin.

The spinning of the wheels results in a cutting action for better traction on loose surfaces.

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- ESP® continues to provide assistance when the brakes are firmly applied.
- Crosswind Assist is no longer active.

Characteristics when ESP® is deactivated

⚠ 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  and  warning lamps light up continuously.

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

Observe the display messages, warning lamps and indicator lamps that are shown.

- Indicator and warning lamps
- Display messages

ETS/4ETS (Electronic Traction System)

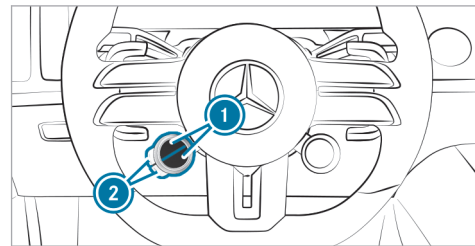
ETS/4ETS traction control is part of ESP®.


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.


Setting ESP® with the steering-wheel button




- i** You can also adjust ESP® via the multimedia system (→ page 23).






▶ **To set ESP®:** press upper or lower display button ① repeatedly, until it displays the  symbol.

① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 13).



The color of the road in the  button symbol indicates the current setting:

-  (blue): ESP® ON
-  (yellow): ESP® SPORT
-  (red): ESP® OFF


▶ **To set ESP® SPORT:** briefly press button ② when ESP® is activated. The road in the  button symbol will light up yellow.


The  and  warning lamps will appear on the driver's display.

▶ **To deactivate ESP®:** select ESP® SPORT and then press and hold button ②. The road in the  button symbol will light up red.

The  and  warning lamps will appear on the driver's display.

▶ **To activate ESP®:** briefly press button ② when ESP® SPORT is selected or ESP® is deactivated. The road in the  button symbol will light up blue.

The  and  or  warning lamps will go out.


If the  symbol is shown with a red ! on the display button, ESP® is malfunctioning. Observe the information on warning lamps and display messages which are shown on the driver's display.



Setting ESP® in the multimedia system





Multimedia system:



→  ▶ Settings ▶ Vehicle
▶ DYNAMIC SELECT




① Depending on the equipment, the AMG menu **DYNAMIC SELECT** can also be called up using the AMG button in the center console.

ESP® will always be activated when the vehicle is started. The road in the  button symbol will light up blue.

▶ **To set ESP SPORT:** when ESP is activated, briefly press  to change to the **Sport** program. The road in the  button symbol will light up yellow.

▶ **To deactivate ESP®:** set the ESP® SPORT program and press and hold  to deactivate ESP®. The road in the  button symbol will light up red. The  and  warning lamps will appear on the driver's display.

▶ **To activate ESP** : briefly press  in ESP SPORT or if ESP is deactivated. The road in the  button symbol will light up blue.

The  and  or  warning lamps will go out.

① You can also adjust ESP via the steering-wheel button (→ page 22).

RACE START

Information about RACE START

RACE START enables optimal vehicle acceleration from a standstill. A suitably high-grip road surface is required for this, and the tires and vehicle must also be in good condition.

- ① Use RACE START only after the vehicle has been broken in.
- ① RACE START must not be used in normal road operation. RACE START may be activated and used only on dedicated race circuits, not on public roads. Read the safety notes and information on ESP® (→ page 21).


⚠ WARNING Risk of skidding and having an accident from wheels spinning



If you use RACE START, depending on the ESP® mode selected, there is an increased risk of skidding and having an accident.

▶ Make sure that no persons or obstacles are in the close vicinity of your vehicle.

Activating RACE START

Requirements

- The vehicle is switched on and the transmission and the engine are at normal operating temperature.
- The driver's door is closed.
- The front wheels are in a straight-ahead position.
- The vehicle is on level ground.
- The vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- The transmission is in position .

- One of the drive programs  or  is selected (→ page 16).

▶ Rapidly depress the accelerator pedal fully. The engine speed will increase.

① If the activation conditions are not fulfilled, RACE START cannot be used. The **RACE START Not Possible** See Operator's Manual message appears in the driver's display.

▶ The **RACE START Release Brake to Start** message appears in the driver's display.

① In this phase, you can adjust RACE START depending on the road conditions: you can vary the engine speed by pulling on one of the steering wheel paddle shifters. The segments in the driver's display flicker rapidly.

① If the brake pedal is not released after a short while, RACE START will be canceled. The **RACE START Canceled** message appears in the driver's display.

- ▶ Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle will pull away at maximum acceleration. The **RACE START Active** message appears in the driver's display.

RACE START will be deactivated immediately if you release the accelerator pedal during RACE START or if any of the activation conditions are no longer fulfilled. The **RACE START Canceled** message appears in the driver's display.

- ⓘ After using it several times in quick succession, RACE START will be unavailable until a certain distance has been driven.

AMG RIDE CONTROL +

Function of AMG RIDE CONTROL +

AMG RIDE CONTROL + 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:

- The drive program selected
- Driving style, e.g. sporty
- Road condition, e.g. bumps
- The individual selection of **SPORT**, **SPORT +** or **COMFORT**

AMG RIDE CONTROL + includes the following components and functions:

- Air suspension with variable spring rate and automatic level control
- Speed-dependent lowering to reduce fuel consumption
- increased vehicle level for greater ground clearance, selected via the multimedia system
- Adaptive Damping System with constant damping force adjustment

Suspension setting and vehicle level per drive program

Drive programs , **C**, **EL** and **B**:

- The suspension setting is comfortable.
- The vehicle is set to the normal level.
- When driving at speeds above 75 mph (120 km/h), the vehicle is lowered to the low level.
- When driving at speeds below 50 mph (80 km/h), the vehicle is raised again to the normal level.

Drive programs **S** and **S***:

- The suspension setting is firm (**S**).
- The suspension setting is even firmer (**S***).
- The vehicle is set to low level.
- The vehicle is not lowered any further if you are traveling at higher speeds.

When the vehicle is started again, the **COMFORT** setting is activated automatically.

AMG ACTIVE RIDE CONTROL

Function of AMG ACTIVE RIDE CONTROL

AMG ACTIVE RIDE CONTROL additionally supplements the functions of AMG RIDE CONTROL + 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 drive program

Drive programs **[R]**, **[C]**, **[EL]** and **[B]**:

- 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.
- **[S+]**: the driving characteristics become even more agile through targeted interventions.

Drive program **[I+]**

- 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

Selecting the suspension setting

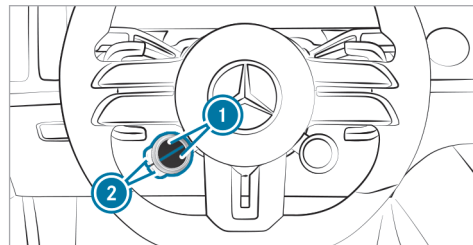
i You can also adjust the suspension setting via the multimedia system (→ page 18).

You can select from three different suspension settings:

- **COMFORT** ensures a comfortable suspension setting. Select this suspension setting if you prefer a comfortable driving style.
- **SPORT** lowers the vehicle to the lowest level and ensures a firmer suspension setting.





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

- **SPORT +** lowers the vehicle to the lowest level and ensures a very firm suspension setting.



▶ Press upper or lower display button **1** repeatedly, until it displays the **[S]** symbol.

i If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 13).

- ▶ Press corresponding button ②.
The selected suspension setting is shown in the driver's display as a message.
- The  symbol indicates the currently selected mode:
-  (blue): COMFORT
 -  (yellow): SPORT
 -  (red): SPORT +

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 becoming trapped due to the vehicle lowering

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

- ▶ Make sure nobody is underneath the vehicle or in the immediate vicinity of the wheel arches when you lower the vehicle.

⚠ WARNING Risk of becoming trapped due to the vehicle lowering

Vehicles with AMG adaptive sport suspension system+ or level control system: when you unload luggage or leave the vehicle, the vehicle first rises slightly and then returns to the set level shortly afterwards.

You or anyone else in the vicinity of the wheel arches or the underbody could thus become trapped.

The vehicle can also be lowered after being locked.

- ▶ When leaving the vehicle, make sure that nobody is in the vicinity of the wheel arches or the underbody.


Multimedia system:



Raising the vehicle

Requirements for raising the vehicle:

- The vehicle has been started.
- The vehicle is not moving faster than 37 mph (60 km/h).

- ▶ Select .
The indicator lamp lights up continuously.
The vehicle is raised to high level +1.

Your selection is saved. High level +1 set remains stored even after the vehicle has been switched off.

The vehicle is lowered again in the following situations:

- When driving faster than 50 mph (80 km/h).

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- When driving briefly between 37 mph (60 km/h) and 50 mph (80 km/h).
- After selecting a different drive program using the DYNAMIC SELECT switch.

In this case, the vehicle is adjusted to the height of the active drive program.

Lowering the vehicle

▶ Select .

The indicator lamp goes out.

The vehicle is adjusted to the height of the active drive program.

Notes on the driver's display

⚠ WARNING Risk of accident if the driver display fails

If the driver display has failed or is malfunctioning, function restrictions in systems relevant to safety cannot be detected.

The operating safety of your vehicle may be impaired.

- ▶ Drive on carefully.
- ▶ Have the vehicle checked immediately at a qualified specialist workshop.

The driver's display shows the following basic information:

- Speed, engine speed and power meter level
- Range on map
- State of charge of the high-voltage battery
- Indicator and warning lamps

Additional functions available include the following:

- Different menus, such as Classic

- Status displays for the driving systems
- Display messages
- Information on electric range and distance **From Start** and **From Reset**



Trip computer (example)

- ① Proportion of driving completed in electric mode (proportion of the total distance driven in electric mode)

Information about the range

- The actual range achieved may differ from the range displayed. Your previous driving style will be taken into account when the range is being calculated.

- Factors such as outside temperature or climate control settings have a direct influence on the achievable range.

Electrical consumption

- The consumption figures **From Start** and **From Reset** take into account all active consumer equipment when it comes to the drive system's operational readiness.

Information on the proportion of driving completed in electric mode

- Only distances driven under the following conditions are taken into account when determining the proportion of driving completed in electric mode:
 - The combustion engine is switched off.
 - The Electric or Hybrid drive program is active.
 - The high-voltage battery is charged.

Operating the driver's display

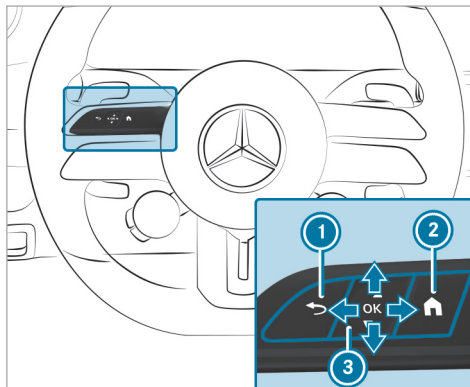
⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information systems and communication devices integrated in the vehicle when driving, you could be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

Observe the legal requirements for the country in which you are currently driving when operating the driver's display.

Scrolling through the menu bar and calling up a menu



- ① Back button
- ② Main menu
- ③ Touch Control

The content on the driver's display is controlled using the control elements on the left side of the steering wheel. Touch Control ③ is used to navi-

gate in a vertical and horizontal direction by swiping with one finger. Confirm your selection by pressing the Touch Control.

- ① To operate Touch Control ③ in the most effective way, use the tip of your thumb if possible. You can also set the sensitivity of the Touch Control on the central display.
- ▶ Briefly press main menu button ②.
- ▶ Select a menu by swiping to the left or right on Touch Control ③.
- ▶ **To confirm:** press Touch Control ③.

Calling up or exiting the **Options** submenu

- ▶ **To call up:** press left-hand Touch Control ③.
- ▶ **To exit:** press back button ①.

Browsing through display content or lists

- ▶ Swipe up, down, left or right on left-hand Touch Control ③.
- ① For different menus, icons appear at the right edge of the center display area to indicate the current position in a list.

Setting display content as the standard display

You can set custom-configured menu display content as the standard display.

- ▶ Press and hold left-hand Touch Control ③ until the bar display that appears is completely filled. The **Set Shortcut?** prompt will appear.
 - ▶ Swipe left on left-hand Touch Control ③ and select **Yes**.
 - ▶ **To confirm:** press left-hand Touch Control ③.
 - ▶ **To call up standard displays:** press back button ① on the upper level of a menu.
- ❗ Pressing back button ① on the standard display will call up the previous menu.

Resetting values

- ▶ **To call up the Options submenu:** press left-hand Touch Control ③.
- ▶ **To select the function to be reset:** press left-hand Touch Control ③.
- ▶ Select **Yes**.
- ▶ **To confirm:** press left-hand Touch Control ③.

Driver display menus

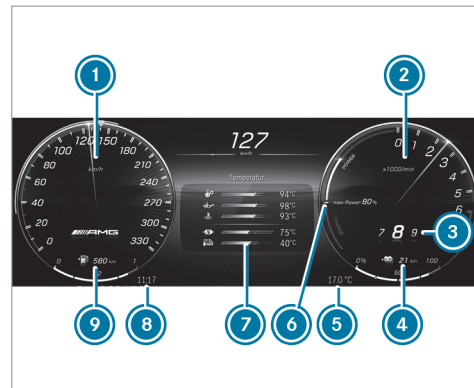
Configuring settings on the Classic or Understated menus (Mercedes-AMG vehicles)

Driver's display:

→ Classic

Selecting display content in the center display area of the **Classic** menu

- ▶ Call up the **Classic** menu via the driver's display menu bar.
- ▶ **To select display content:** swipe upwards or downwards on the left-hand Touch Control and select the desired display content.



- ① Speedometer
- ② Tachometer
- ③ Gear display
- ④ State of charge of the high-voltage battery
- ⑤ Outside temperature
- ⑥ Recuperation display and electric drive support display

- ⑦ Display content, center on the **Classic** menu (example: temperature)
- ⑧ Time
- ⑨ Fuel level and fuel filler flap location indicator

The following display content can be shown in center display section of the **Classic** menu:

- Trip and total distance
- Trip computer **From Start** and **From Reset**
- ECO display
- Consumption
- ATTENTION ASSIST
- Audio
- Navigation
- **Plug-in hybrid vehicles:** Temperature (transmission oil, engine oil, coolant, high-voltage battery and high-voltage motor)
- Setup (drive, AMG DYNAMICS, suspension and sound)
- Engine data (current power and current torque)

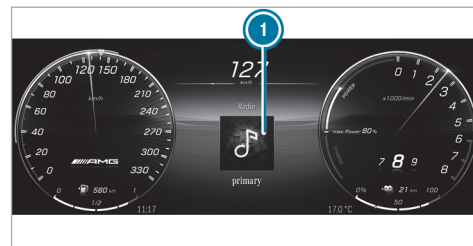
- ① Depending on the vehicle equipment, AMG-specific content regarding temperature, setup and engine data will be displayed. The settings for the display content can be configured either via the buttons on the multifunction steering wheel or via the MBUX multimedia system (→ page 18).

Selecting the radio station or track on the station or track list

You can select radio stations or tracks on the station or track list in the audio display content of the **Classic** menu.

The following adjustments can be made in the MBUX multimedia system:

- Configuring the station or track list
- Switching between media sources
- Setting the frequency band



- ① Radio station for the audio display content in the center display section (example)
- ▶ **To change radio stations or tracks:** swipe left or right on the left-hand Touch Control and select a radio station or track on the station or track list.
- ① If you do not carry out any operations immediately after opening the station or track list, the view will return to the radio station or track selected.
- ① The radio station or title displayed when the vehicle is restarted depends on the user profile used for the previous trip.

The following functions may be available on the **Options** submenu, for example:


- Navigation: selecting and adjusting zoom, route guidance and map settings
- Resetting the trip distance
- Resetting the trip computer **From Start**
- Resetting the trip computer **From Reset**
- Resetting the ECO display values

Changing color settings on the **Understated** menu

- ▶ Call up the **Understated** menu via the driver's display menu bar.
- ▶ **To call up the color list:** press the left-hand Touch Control. The color list on the **Understated** menu will appear.
- ▶ **To select color settings:** swipe upwards or downwards on the left-hand Touch Control and select the desired color setting.

i If you do not carry out any operations immediately after opening the color list, the view will

switch back to the default view of the **Understated** menu.


- ▶ **To exit the color list:** press the  back button.
- i** Depending on the equipment, the selected color setting will also be adopted for the ambient lighting and the MBUX multimedia system. If you select the **Understated** menu on the driver's display, the content in the MBUX multimedia system will also be made smaller.

Calling up the Service menu

Driver's display:



The current status of the vehicle is shown on the **Service** menu.

- ▶ Press the  main menu button on the steering wheel.
- ▶ Swipe to the left or right on the left-hand Touch Control to select the **Service** menu on the menu bar of the driver's display.

- ▶ **To call up the menu:** press the left-hand Touch Control.

The following display content is available on the **Service** menu (equipment-dependent):

- Information about how many messages are in the message memory
- **Tire Pressure:**
 - Checking the tire pressure with the tire pressure monitoring system
 - Restarting the tire pressure monitoring system
- **ASSYST PLUS:** calling up the service due date
- **Engine Oil Level:** checking the engine oil level
- **Plug-in hybrid vehicles:** Temperature indicator (transmission oil, engine oil, coolant, high-voltage battery and high-voltage motor)

The following functions are available on the **Options** submenu:


- Tire pressure
- Message memory

Configuring settings on the Supersport menu

Driver's display:

→ Supersport

Selecting display content in the center display area of the Supersport menu

- ▶ Press the  main menu button on the steering wheel.
- ▶ Swipe to the left or right on the left-hand Touch Control to call up the **Supersport** menu on the menu bar of the driver's display.
- ▶ **To select display content:** swipe upwards or downwards on the left-hand Touch Control.



- ① Current torque and recuperation display
- ② Center display content (example: gear selected and electric drive support display)
- ③ Current power and recuperation display
- i Displays ① and ③ vary depending on the display content in the center display area.

The following display content is shown in the center display section of the **Supersport** menu:

- Transmission position display
- **Plug-in hybrid vehicles:** Temperature indicator (transmission oil, engine oil, coolant, high-voltage battery and high-voltage motor)

- Setup (drive, AMG DYNAMICS, suspension and sound)
- G-force
- Trip and total distance
- Distance **From Start** and **From Reset**
- Consumption
- Audio
- Navigation
- i Depending on the vehicle equipment, AMG-specific content regarding temperature, setup and engine data will be displayed. The settings for the setup display content can be configured either via the buttons on the multi-function steering wheel or via the MBUX multimedia system (→ page 18).

Calling up the Track Pace menu

Driver's display:

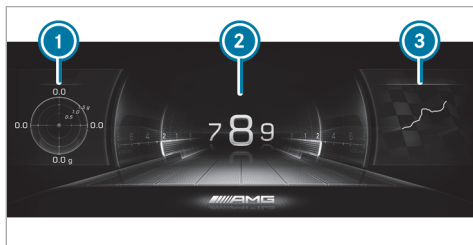
→ TRACK PACE

The Track Pace function is intended for use on designated race tracks. Do not use this function on public roads, and adapt your driving style to

your personal capabilities and the ambient conditions.

The following options will be displayed on the **TRACK PACE** menu:

- G-meter
- Race track selected
- Braking and acceleration procedure
- Gear currently selected



Displays on the Track Pace menu (example)

- ① G-meter

- ② Center display content (example: gear selected and electric drive support display)
- ③ Telemetry display (example: selected race track)

▶ Press main menu button  on the steering wheel.

▶ Swipe to the left or right on the left-hand Touch Control to select the **TRACK PACE** menu on the menu bar of the driver's display.

▶ **To call up the menu:** press the left-hand Touch Control.

The display content of the **TRACK PACE** menu will adapt to the selected settings on the central display:

- Transmission position display
- Electric drive support display
- Recuperated power display
- G-meter
- Braking points
- Acceleration
- Quarter-miles

- Race track selected on the central display
- Current race
- Record route

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 will be displayed in red in the coordinate system.

Calling up displays on the Sport menu

Driver's display:

➔ Sport

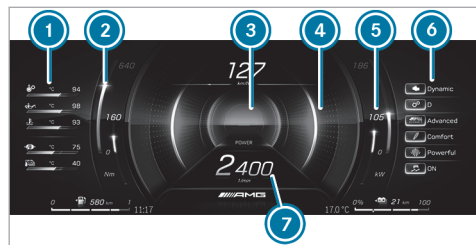
The **Sport** menu provides information about the engine data of the vehicle.

- ① When you call up the **Sport** menu on the menu bar of the driver's display, the menu color setting will automatically be applied to the MBUX multimedia system.

▶ Press main menu button  on the steering wheel.

▶ Swipe to the left or right on the left-hand Touch Control to select the **Sport** menu on the menu bar of the driver's display.

▶ **To call up the menu:** press the left-hand Touch Control.



- ① Temperature (transmission, engine oil, coolant, high-voltage engine and high-voltage battery)
- ② Current torque (combustion engine and electric motor)
- ③ Electric drive support display and recuperation display
- ④ Engine speed (bar display)

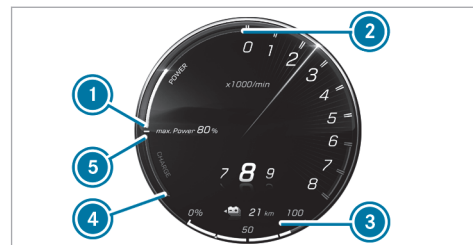
- ⑤ Current output obtained (combustion engine and electric motor)
- ⑥ Setup (drive, AMG Dynamics, suspension, sound and ESP®)
- ⑦ Engine speed

ⓘ The drive setting in the Set up menu is only possible in the Individual drive program **I+**.

ⓘ Depending on the vehicle equipment, AMG-specific content regarding temperature, setup and engine data will be displayed. The settings for the display content can be configured either via the buttons on the multifunction steering wheel or via the MBUX multimedia system (→ page 18).

You can activate or deactivate ESP® using either the steering wheel button or the MBUX multimedia system .

Function of the power meter



- ① Beginning of the electrical drive support display range
- ② End of the electrical drive support display range
- ③ Current state of charge of the high-voltage battery
- ④ Maximum recuperated energy
- ⑤ Start of the display range of recuperated energy

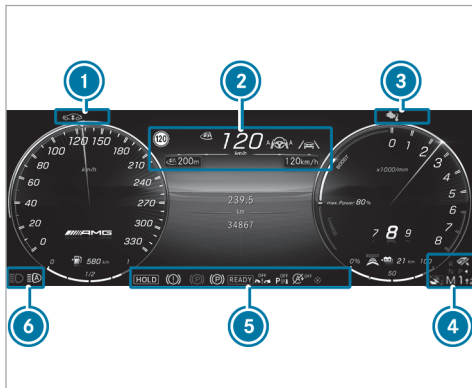
- The Electric drive program is not available if the state of charge of the high-voltage battery falls below the minimum value of 25% ③. Electric mode is still possible when power output requests are low or when at a standstill.

The power meter has the following functions:

- In electric mode, the area ① - ② shows what percentage of the electrical drive is currently being used. The combustion engine is switched on at 100%. In boost mode, the electrical power assistance of the drive is displayed.
 - The area ④ - ⑤ shows the recuperation and charging behaviour using the combustion engine.
- Due to various system limits, the displayed value ④ may temporarily differ slightly from the actual value.

Overview of status displays on the driver's display (Mercedes-AMG vehicles)

The status displays for the driving and driving safety systems can be found in display sections ① to ⑥.



- The number, positions and presentation of the status indicators on the driver's display

depend on which systems are activated or deactivated.

Depending on the vehicle equipment, Mercedes-AMG vehicles may have the following status indicators:

- Pedestrian detection (only on assistant display)
- Active Parking Assist is available
- Active Parking Assist has recognized a parking space
- Parking Assist PARKTRONIC deactivated
- Cruise control
- Active Distance Assist DISTRONIC
- Specified distance for Active Distance Assist DISTRONIC
- Active Brake Assist switched off
- Active Brake Assist impaired or not functioning
- Active Lane Keeping Assist
- Active Blind Spot Assist (only on assistant display)

38 Driver's display



Haptic accelerator pedal



ECO start/stop function



HOLD function



Adaptive Highbeam Assist

Adaptive Highbeam Assist Plus



Slippery road surface warning



Engine operating temperature warning
lamp (→ page 12)

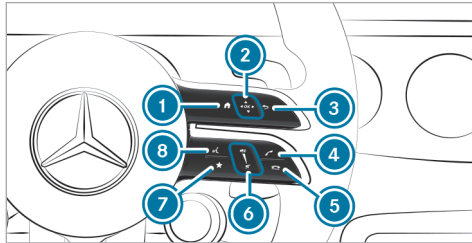


Display flashes: vehicle level is being raised
or lowered.

Display is lit up: vehicle is at high level.

Vehicles with Traffic Sign Assist: detected instructions and traffic signs

Operating Touch Control (MBUX multimedia system)



- ① Shows zero layer/home screen
- ② Touch Control
 - swipe in the direction of the arrow (navigate)
 - Press (confirm)
- ③ Returns to the previous display
- ④ Makes or accepts a call
- ⑤ Rejects or ends a call
- ⑥ Increases the volume of the current audio source: swipe upwards

Reduces the volume of the current audio source: swipe down

- ⑦ Mutes the current audio source: press
- ⑦ Calls up favorites (press briefly) or adds favorites and themes (press and hold)
- ⑧ Starts the MBUX Voice Assistant
- ① To operate Touch Control ② in the most effective way, use the tip of your thumb if possible.

You can navigate through menus and lists via the touch-sensitive surface of Touch Control ② using a **single-finger swipe**, for example:

- ▶ **To enter a character:** select a character using the keyboard and press on Touch Control ②.
- ▶ **To select a menu option:** scroll in a list and press Touch Control ②.
- ▶ **To move the digital map:** swipe in any direction.
- ① Volume ⑥ can be adjusted using the control for the following groups:
 - Entertainment volume
 - Ringtone volume

- Call volume, for example phone call volume
- Voice output volume, for example MBUX Voice Assistant
- Volume of navigation announcements

If you are listening to a radio station, for example, and switch off the sound then all media sources will be muted. Traffic and navigation announcements can still be heard in this case. The MBUX voice assistant and telephony are also not affected.

AMG TRACK PACE

Function of AMG TRACK PACE

- ① This function is an on-demand feature and can be activated via Mercedes me after you purchase your vehicle. The Digital Operator's Manual contains further information on Mercedes me and on-demand features.

With AMG TRACK PACE, the driving characteristics on race tracks can be analyzed and optimized. You can drive previously saved race tracks (e.g. the Hockenheimring), or record and save

new tracks. The lap times set will be stored for every track. These can be analyzed and compared with other lap times to achieve the best possible race results. Additionally, acceleration and braking operations can be measured and stored.



Note: Use AMG TRACK PACE only on closed circuits away from public roads. Adapt your driving style to your personal skill level 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 **Yes**.
- ▶ Select the weather.
- ⓘ The temperature is determined automatically.
- ▶ Enter a name.
- ▶ Press  to confirm.
The track is saved under the name entered.




Searching by track name

- ▶ Select  **Search** .
- ▶ 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 Time Recording** if you are already at the starting line.

or



- ▶ Select **Navigate to** for navigation to the starting line.
Timing begins automatically when the starting line has been crossed.
- ⓘ When  is selected, the track display can be switched to AR. In addition, it is possible to switch to the telemetry display by selecting .
- ▶ Select  **Stop timekeeping** to end timekeeping.
- ▶ Confirm the prompt with **OK**.
- ▶ Select the weather.
- ▶ Select **Yes** to save the times driven for this track.


Showing readings during Track Race

The following readings can be shown:


- Tire temperature
- Miniature map
- Sector overview
- Engine data
- G-force display

- Lap overview

- ▶ Select  **Start Time Recording**.
- ▶ Select .
- ▶ Drag the desired display from the grid on the left or right edge of the central display. The readings are shown during the Track Race.

By selecting  on the active display, you can deactivate this.


Displaying the analysis

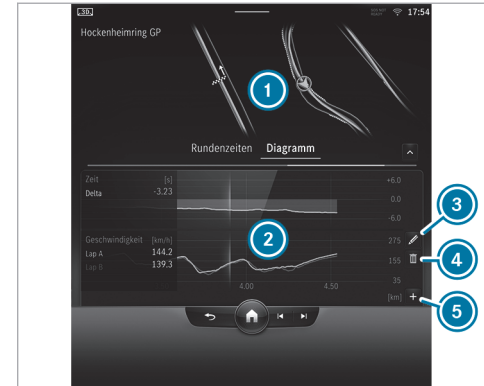
- ▶  Select **All tracks**.
An overview of all the driven tracks appears.
- ▶ Select a track.
- ▶ Select a session.

The following data are displayed:


- Lap and sector times
- Average and top speed
- Driver
- Vehicle
- Date

- Weather

- ▶ Select **Add Recording** to use a different session as a reference value.
- ▶ Select  to return to the overview.
- ▶ Select **Diagram**.
- ▶ Set the desired parameters. The analysis is displayed.





- 1 Lap overview
- 2 Parameter overview
- 3 Editing parameters
- 4 Deleting parameters
- 5 Adding new parameters

-  The following values can be set for the parameters, for example:
- speed



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

Based on the analysis, you can check and optimize the driving behavior 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 Track to...**
The selected track can be exported to a USB storage device connected to the vehicle.

Editing tracks and recordings

- ▶ Select  **Tracks** .
- ▶ Select the desired track.
- ▶ Select options  for the desired track.
- ▶ Select **Rename** or **Delete**.

or


- ▶ 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 race options**.
- ▶ Select **Acceleration**.
- ▶ Set a starting speed or select **Automatic**.
Measurement will begin as soon as the specified starting speed has been reached.
- ▶ Set a target speed.
Measurement will stop as soon as the specified target speed has been reached.
- ▶ Start off and begin the measurement.
Measurement will begin when the vehicle accelerates.


You can stop measurement early by interrupting the acceleration procedure.

Quarter-mile race

- ▶ Select  **Drag race options**.
- ▶ Select **Quarter Mile**.
- ▶ Set a target distance.
Measurement will stop as soon as the specified target distance has been reached.
- ▶ Start off and begin the measurement.
Measurement will begin when the vehicle accelerates. Timing will run until the target distance or a maximum of one mile has been traveled.

You can stop measurement early by interrupting the acceleration procedure.

Measuring braking

- ▶  **Drag Race options**
- ▶ Select **Braking**.
- ▶ Set a starting speed or select **Automatic**.
- ▶ Start off and begin the measurement.


- ▶ Brake to a standstill. Measurement is incremental, in steps of 6 mph (10 km/h) to a standstill. If the braking procedure is started e.g. at a speed of 98 mph (157 km/h), measurement will start as soon as 93 mph (150 km/h) has been reached

Storing and calling up measured values

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

- ▶ Confirm the prompt with **OK** to save.

Calling up saved measurements

- ▶  Select **History**.
- ▶ Select **Acceleration**, **Quarter Mile** or **Braking**.
- ▶ Select a measurement. The desired measurement will be 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 four parameters can be selected to be shown on the display.

For example:

- Engine speed
 - Wheel angle
 - Speed
 - Steering angle
- ▶ Set the desired parameters.
 - ▶ Set the time. The set parameters will be evaluated for the selected time on the diagram.

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**  

Connect 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 a New Device**.
- ▶ Start the TRACK PACE app on the device to be connected.
- ▶ Select **Next** and confirm the authorization prompt. A four-digit code is shown on the central display.
- ▶ Enter the code on the smartphone. The device is authorized.

De-authorizing the mobile device

- ▶ Select [TRACK PACE App](#).
- ▶ Select a device.
- ▶ Confirm the message prompt with Yes.
The device is de-authorized.

Setting the TRACK PACE display on the head-up display and driver's display

- ▶ Select [IC and HUD Contents](#).
- ▶ Activate or deactivate the desired contents.
The contents on the head-up display and the driver's display are adapted.
- ⓘ For further information on the Head-up Display .
- ⓘ Further information about the driver's display .

Setting acoustic feedback

- ▶ Select [Acoustic Feedback](#).
A scale with values from 0 to 10 is shown.
- ▶ Select a setting.

Displaying statistics

- ▶ Select [TRACK PACE Statistics](#).
Statistics on the current user profile are displayed.

The following data are displayed:

- Driving time
- Track driven
- Recorded tracks
- Recorded Track Races
- Laps recorded
- Recorded Drag Races
- Maximum design speed

Activating the ambient light

If this function is active, the vehicle interior is lit in red or green depending on delta time.

- ▶ Select [Ambient Light](#).
- ▶ Activate or deactivate the function.

Adjusting the dashcam

If the vehicle is equipped with a dashcam, it can be used in AMG TRACK PACE.

- ▶ Select [Dashcam](#).
- ▶ Select [Track Race](#) or [Drag Race](#) and activate [Activate Recording](#).
- ▶ You can set which overlay is to be used in the recorded video under [Video Overlay Content](#).

Notes on the care of tailpipes

⚠ WARNING Risk of burns from the tailpipe and tailpipe trims

The exhaust tailpipe and tailpipe trims can become very hot. If you come into contact with these parts of the vehicle, you could burn yourself.

- ▶ Always be particularly careful around the tailpipe and the tailpipe trims and supervise children especially closely in this area.
- ▶ Allow vehicle parts to cool down before touching them.

Observe the following notes in order to prevent damage to the vehicle:

- Clean the tailpipes with a cleaning agent recommended for Mercedes-Benz, especially in the winter and after washing the vehicle.
- Do not use acidic cleaning agents.

Notes on starting assistance

Observe the information on starting assistance in the vehicle Operator's Manual.

If your vehicle has been started with starting assistance, it may not be possible to use the electric drive for approximately 30 minutes.

Starting assistance is not considered to be a normal operating condition.

Jumper cables and further information regarding starting assistance can be obtained at any qualified specialist workshop.

Permissible towing methods (Mercedes-AMG E Performance)

! NOTE Damage caused by towing

Towing can damage the hybrid system.

- ▶ Have the vehicle loaded and transported rather than towed.

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 ceramic high-performance composite braking system:

! **NOTE** Damage to the ceramic brake disc when changing a wheel

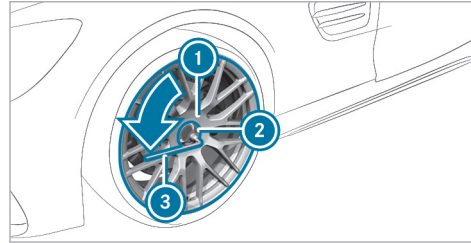
Mercedes-AMG vehicles with ceramic brake discs: during removal and repositioning of the wheel, the wheel rim can strike the ceramic-brake disc and damage it.

- ▶ 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 disks. This can lead to impaired comfort during braking.

Installing/removing the hub cap

Removing



- ▶ Remove socket ② and wheel wrench ③ from the vehicle tool kit (→ page 47, 47).
- ▶ Position socket ② on hub cap ①.
- ▶ Position wheel wrench ③ on socket ②.
- ▶ Using wheel wrench ③, turn hub cap ① counter-clockwise and remove it.

Installing

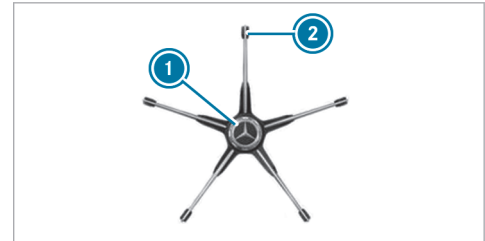
- ▶ Before installing, check hub cap ① and the wheel area for dirt, and clean if necessary.

- ▶ Position hub cap ① and turn until it is in the right position.
- ▶ Position socket ② on hub cap ①.
- ▶ Position wheel wrench ③ on socket ② and tighten hub cap ①.

i Specified tightening torque: 18 lb-ft (25 Nm).

Installing/removing the hub cap with the bayonet lock

Removing



- ▶ Loosen five holders ② between the spokes.

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- ▶ Turn bayonet lock ① counter-clockwise.
- ▶ Remove the wheel trim.

Installing

- ▶ Position bayonet lock ① in the center.
- ▶ Turn the lock clockwise until it engages.
- ▶ Clip five holders ② between the spokes.

Operating fluids

Fuel

Information on fuel quality 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.

- ▶ Refuel only 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 metallic additives

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, it may produce unpleasant odors.

Refuel only with premium-grade unleaded gasoline with an octane number of 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 on the fuel filler flap (see the vehicle 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 in the following locations:

- At a gas station
- At a qualified specialist workshop
- **USA only:** on the <https://www.mbusa.com>

Tank content and fuel reserve (Mercedes-AMG vehicles)

Total fuel tank capacity

Model	
Mercedes-AMG S 63 E PERFORMANCE	20.1 gal (76.0 liters)

Fuel tank reserve

Model	
Mercedes-AMG S 63 E PERFORMANCE	3.2 gal (12.0 liters)

Engine oil quality and filling capacity (Mercedes-AMG vehicles)

Engine oil specifications

Model	MB-Freigabe or MB-Approval
Mercedes-AMG S 63 E PERFORMANCE	229.5, 229.51*

* 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 specifications marked in the table with the lowest SAE viscosity class. Observe any possible restrictions of the approved SAE viscosity classes.

Only use engine oils of viscosity class SAE 0W-40 or SAE 5W-40.

Engine oil filling capacity

Model	Capacity
Mercedes-AMG S 63 E PERFORMANCE	9.0 US qt (8.5 liters)

The specified filling capacity refers to an oil change with the oil filter.

Coolant filling capacity (Mercedes-AMG vehicles)

Coolant

Model	Capacity
Mercedes-AMG S 63 E PERFORMANCE	16.1 US qt (15.2 liters)

Coolant and PAG oil filling capacity (Mercedes-AMG vehicles)

Refrigerant filling capacity

Model	Capacity
Mercedes-AMG S 63 E PERFORMANCE	25.0 ± 0.4 oz (710 ± 10 g)

Filling capacity for PAG oil

Model	Capacity
Mercedes-AMG S 63 E PERFORMANCE	4.9 ± 0.4 oz (140 ± 10 g)

Vehicle data**Vehicle dimensions (Mercedes-AMG vehicles)****Vehicle dimensions**

Mercedes-AMG S 63 E PERFORMANCE	
Vehicle length	210.1 in (5336 mm)
Vehicle width including outside mirrors	83.9 in (2130 mm)
Vehicle height	59.6 in (1515 mm)
Wheelbase	126.6 in (3216 mm)
Turning radius	3.3 ft (12.3 m)

Weights and loads (Mercedes-AMG vehicles)

Bear in mind that 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).

Maximum design speed (Mercedes-AMG vehicles)

The maximum design speed can differ from the stated figures in practice. It depends on the operating conditions, the optional equipment and the size of the tires.

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

Maximum design speed

Model	
Mercedes-AMG S 63 E PERFORMANCE	180 mph (290 km/h)

High-voltage battery (Mercedes-AMG vehicles)

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

You can find information on the range in electric-only mode in the driver's display (→ page 29).

Energy content and charging times

Mercedes-AMG S 63 E Performance	
Type	Lithium-ion
Maximum energy content	12.96 kWh
Charging time – mode 2 with up to 1.4 kW charging capacity	
Charging time – mode 4 with direct current at fast charging station	
The charging capacity was not available at the time of going to press.	

Charging time – mode 2 applies to AC charging from 25% to 100% of the usable energy content.

Charging time –mode 4 applies to DC charging from 10 % to 80 % of the usable energy content.

The time taken to charge the battery depends on the state of charge of the battery, the ambient temperature and the charging capacity of the bat-

52 Technical data

tery. The charging capacity, in turn, depends on the supply voltage, the current intensity and the type of power supply.

The nominal voltage range for your vehicle can be found on the information label in the socket flap (see the vehicle Operator's Manual).


Display messages

Vehicle

Display messages	Possible causes/consequences and ► Solutions
Electronic Rear Axle Differential Lock Inoperative	<ul style="list-style-type: none"> * The electronic locking differential has failed. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
Electronic Rear Axle Differential Lock Currently Unavailable	<ul style="list-style-type: none"> * The electronic locking differential is overheated. <ul style="list-style-type: none"> ► Let the electronic locking differential cool down by driving defensively.



Driving and driving safety systems


Display messages	Possible causes/consequences and ► Solutions
RACE START Not Possible See Operator's Manual	<ul style="list-style-type: none"> * Possible causes are: <ul style="list-style-type: none"> • The activation conditions have not been fulfilled (→ page 24).
RACE START Canceled	<ul style="list-style-type: none"> * Possible causes: <ul style="list-style-type: none"> • You released the accelerator pedal during RACE START. • You depressed the brake pedal during RACE START. ► You can try RACE START again at the next start.

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="144 339 421 391">Malfunction Do Not Exceed 50 mph</p>	<p data-bbox="473 249 1498 275">* AMG ACTIVE RIDE CONTROL is malfunctioning. The vehicle's handling characteristics may be affected.</p> <ul style="list-style-type: none"> <li data-bbox="495 283 866 309">► Do not exceed 50 mph (80 km/h). <li data-bbox="495 318 912 343">► Consult a qualified specialist workshop.
<p data-bbox="144 418 421 491">AMG Ride Control Function Limited See Operator's Manual</p>	<p data-bbox="473 418 1535 542">* At least one of the main functions of AMG RIDE CONTROL + is malfunctioning. At least one of the main functions of AMG ACTIVE RIDE CONTROL is malfunctioning. 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.</p> <div data-bbox="500 563 1646 743" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="510 570 1591 622">! NOTE The vehicle's suspension and damping behavior is restricted. The vehicle body may tilt heavily to the side during cornering.</p> <ul style="list-style-type: none"> <li data-bbox="510 640 722 666">► Drive on carefully. <li data-bbox="510 674 1027 700">► Reduce speed considerably before taking a bend. <li data-bbox="510 708 888 734">► Avoid sudden steering movements. </div> <ul style="list-style-type: none"> <li data-bbox="495 760 704 786">► Drive on carefully. <li data-bbox="495 794 1010 820">► Reduce speed considerably before taking a bend. <li data-bbox="495 828 870 854">► Avoid sudden steering movements.

Warning and indicator lamps

Driving and driving safety systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="194 461 452 512">Suspension warning lamp (yellow)</p>	<p data-bbox="508 367 1053 393">* The yellow AMG RIDE CONTROL + warning lamp is lit.</p> <p data-bbox="526 404 1108 450">The yellow AMG ACTIVE RIDE CONTROL warning lamp is lit. There is a malfunction in the AMG RIDE CONTROL +.</p> <p data-bbox="526 461 1099 486">There is a malfunction in the AMG ACTIVE RIDE CONTROL.</p> <p data-bbox="526 497 979 523">► Note the messages on the driver's display.</p>
	<p data-bbox="508 538 1219 595">* The yellow ESP[®] OFF warning lamps are lit while the vehicle is running. ESP[®] is deactivated.</p> <p data-bbox="526 606 1247 631">Other driving systems and driving safety systems may also be inoperative.</p> <div data-bbox="526 647 1690 688" style="background-color: #e0e0e0; padding: 5px;"> <p data-bbox="535 657 1201 683">▲ WARNING Risk of skidding when driving with ESP[®] deactivated</p> </div> <p data-bbox="545 699 1570 725">ESP[®] does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.</p> <ul data-bbox="545 735 1145 797" style="list-style-type: none"> <li data-bbox="545 735 757 761">► Drive on carefully. <li data-bbox="545 771 1145 797">► Deactivate ESP[®] only for as long as the situation requires. <p data-bbox="545 823 1062 849">If ESP[®] cannot be activated, ESP[®] is malfunctioning.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">▶ Have ESP® checked immediately at a qualified specialist workshop.▶ Observe the notes on deactivating ESP® (→ page 21).
 The image shows a rectangular indicator lamp icon. The top half features a car silhouette with a wavy line underneath it, and the word "OFF" in bold capital letters. The bottom half is a solid black rectangle with the words "ESP SPORT" in white capital letters.	<p>* ESP® SPORT is activated while the vehicle is running. When ESP® SPORT is activated, ESP® will stabilize the vehicle only to a limited extent.</p> <p>▲ WARNING Risk of skidding if ESP® SPORT is used incorrectly</p> <p>When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.</p> <ul style="list-style-type: none">▶ Activate ESP® SPORT only in the circumstances described below.▶ Observe the notes on activating ESP® SPORT(→ page 21).


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