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GLC
Mercedes-AMG Supplement

Mercedes-Benz



### **Publication details**

### Internet

Further information about Mercedes-Benz vehicles and about Mercedes-Benz AG can be found on the following websites:

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

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

- Design
- Equipment

Technical features

The equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations.

The following documents are integral parts of the vehicle:

- Digital Operator's Manual
- Printed Operator's Manual
- · Maintenance Booklet
- · Equipment-dependent Supplements

Keep these documents in the vehicle at all times. If you sell the vehicle, always pass all of the documents on to the new owner.

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

**DANGER** 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.

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

Instruction

 $(\longrightarrow page)$  Further information on a topic

Display

Information on the multifunction display/media display



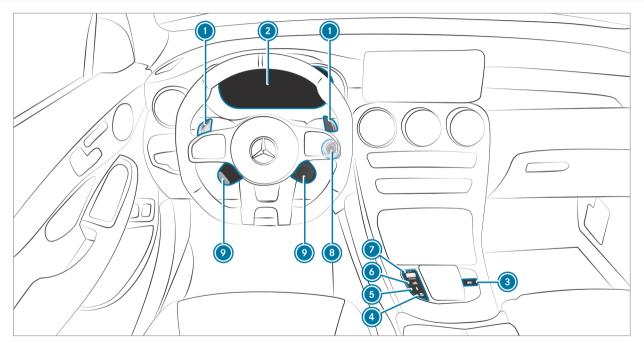
Highest menu level, which is to be selected in the multimedia system



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

Indicates a cause

# 4 At a glance - Cockpit



Left-hand-drive vehicles

### 6 General notes

### 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 vehicle 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 Operator's Manual.

This Supplement describes all models, and standard and optional equipment for your vehicle, as available at the time of going to press. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This is also the case for systems and functions relevant to safety. Therefore, the equipment on your vehicle may differ from that in the descriptions and illustrations.

The original purchase contract documentation for your vehicle contains a list of all of the systems in your vehicle.

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

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

### Seat belts

# Limitations of the protection provided by the seat belt

The AMG sport seat and the AMG Performance seat are designed for the standard three-point seat belt. If you install a different multipoint seat belt, such as a four-point seat belt, the restraint system cannot provide the intended level of protection.

Depending on the vehicle equipment, there may be openings in the seat backrest. These openings have no function.



**WARNING** Risk of injury or fatal injury due to modified seat belt systems

If you feed seat belts through the opening in the seat backrest, the seat backrest may be damaged or may even break in the event of an accident.

- Only use the standard three-point seat belt.
- Never modify the seat belt system.

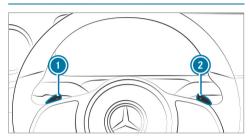
### Airbags

Protection provided by the side airbag

Vehicles with AMG Performance seat: depending on the accident situation, the side airbag can increase the level of protection for the ribcage of the respective passenger in addition to a correctly fastened seat belt.

# Driving

### **Function of Emotion Start**



- 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) (→ page 8).

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

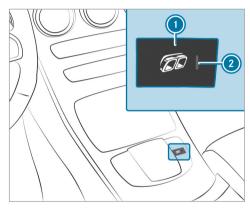
### **AMG Performance exhaust system**

# 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



Press button **①**. The sporty characteristic (powerful) is selected when indicator lamp **②** lights up.

### Information on the AMG ceramic high-performance composite brake system

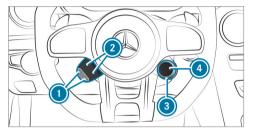
(i) The AMG ceramic high-performance composite brake system is only available on the Mercedes-AMG GLC 63 S 4MATIC+ model.

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.

### 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 switch 2 repeatedly. Display switch 3 shows the currently selected functions.

The following functions are available:

- ESP<sup>®</sup>(→ page 12)
- AMG adaptive sport suspension system(→ page 16)

- AMG Performance exhaust system (→ page 8)
- Manual gearshifting (→ page 11)
- AMG Dynamics (→ page 10)
- ECO start/stop function (see the vehicle's Operator's Manual)

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

The assignment of display switch 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 drive program selected appears in display switch ④. Press display switch ⑥ to go directly to the drive program  $(\rightarrow)$  page 10).

### DYNAMIC SELECT switch

### **Function of the DYNAMIC SELECT switch**

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

The drive program selected appears in the multifunction display of the on-board computer.

### 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

### Race

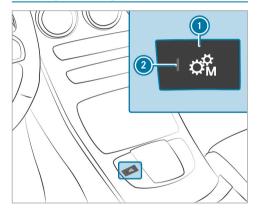
- Racetrack-oriented driving characteristics
- All vehicle systems set for maximum sportiness
- Particularly firm suspension tuning of the AMG adaptive sport suspension system
- Must not be used on public roads
- Only suitable for use on cordoned off race circuits
- (i) The drive program S is only available for the Mercedes-AMG GLC 63 S 4MATIC+ model.

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.
  - When ESP<sup>®</sup> is activated, agility function Pro is selected in drive program [S].
     The Master function is automatically selected when ESP<sup>®</sup> is deactivated.
- · Position of the exhaust gas flaps
- Suspension tuning
- · Availability of Glide mode
- 4MATIC+ all-wheel drive
- (i) You can change the following vehicle characteristics using the buttons on the center console:
  - · Position of the exhaust gas flaps
  - Suspension tuning

• ESP®

## Automatic transmission Manual gearshifting



➤ To activate/deactivate: press button ①. If indicator lamp ② is lit, manual shifting is activated. The current gear is displayed in the multifunction display. To permanently shift the gears manually in drive program using the steering wheel gearshift paddles, select the **M** (Manual) setting for the transmission.

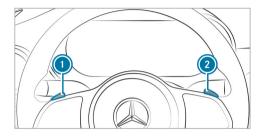
### Shifting up and down

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 gearshift paddle 2.
- ► To shift down: pull steering wheel gearshift paddle ①.



### 12 Driving and parking

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

#### Glide mode function

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

Glide mode is characterized by the following:

- The combustion engine is disconnected from the drivetrain and the vehicle continues to roll.
- The symbol appears in the multifunction 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.

 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

### Functions of ESP®



**WARNING** Risk of skidding if ESP<sup>®</sup> is malfunctioning

If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.

- Drive on carefully.
- Have ESP® checked at a qualified specialist workshop.

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.
- In strong side winds when you are driving faster than 47 mph (75 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 engine is started regardless of whether ESP® was in ESP® SPORT or deactivated before the engine was switched off.

If the 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<sup>®</sup> under any circumstances.
- Only depress the accelerator pedal as far as is 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 activated, the seriously in the seriou

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  $\mathsf{ESP}^{\$}$  SPORT is activated and one or more wheels start to spin, the  $\boxed{\mathbf{g}}$   $\mathsf{ESP}^{\$}$  warning lamp on the instrument cluster flashes.  $\mathsf{ESP}^{\$}$  then only stabilizes the vehicle to a limited degree.

 $\mathsf{ESP}^{\$}$  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

**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 sport 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.

### 14 Driving and parking

- 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 even when ESP® is activated, ESP® is not available due to a malfunction.

Observe any information which is displayed in the instrument cluster:

- Indicator and warning lamps
- · Display messages

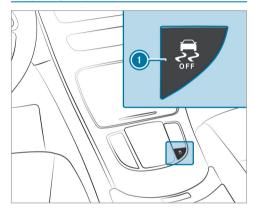
# ETS/4ETS (Electronic Traction System)

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

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.

# Activating/deactivating ESP® (Electronic Stability Program)



To activate ESP® SPORT: briefly press button .

The and separate warning lamps appear in the instrument cluster.

- To deactivate ESP®: press and hold button

  until the fr and sporf warning lamps appear in the instrument cluster.
- i When you deactivate ESP® in the S drive program, AMG Dynamics automatically switches to the **Master** level.
- ► To activate ESP®: briefly press button ①.

  The ♣ and ESP OFF warning lamps go out.

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

#### RACE START

#### Information on RACE START

(i) RACE START is available only for Mercedes-AMG GLC 63 4MATIC+ and GLC 63 \$ 4MATIC+models.

RACE START enables optimal vehicle acceleration from a standstill. For this, a suitably highgrip road surface is required, the tires and vehicle must also be in good condition.

- (i) Use RACE START only after the vehicle has been broken in.
- RACE START may not be used on normal road operation. RACE START must only be activated and used on dedicated race circuits, not on public roads. Read the safety notes and information on ESP<sup>®</sup> (→ page 12).
- **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 driver's door is closed.
- The engine is running and the transmission and engine are at normal operating temperature.

- The front wheel is in the 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 **D**.
- One of the drive programs , or
   is selected (→ page 10).
- Rapidly depress the accelerator pedal fully. The engine speed increases.
- (i) If the activation conditions are not fulfilled, RACE START cannot be activated. The RACE START Not Possible See Operator's Manual message appears in the multifunction display.
- The RACE START Release brake to start message appears in the multifunction display.

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- i 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 gearshift paddles. The segments in the multifunction display flicker rapidly.
- (i) If the brake pedal is not released after a short while, RACE START is canceled. The RACE START Canceled message appears in the multifunction display.
- Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle pulls away at maximum acceleration. TheRACE START Active message appears in the multifunction display.

RACE START is 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 multifunction display.

(i) After using it several times in short succession, RACE START is unavailable until a certain distance has been driven.

### AMG adaptive sport suspension system

# Function of the AMG adaptive sport suspension system

The AMG adaptive sport suspension system is an air suspension system with variable damping for improved driving comfort. 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 adjusted individually to each wheel and depends on the following factors:

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

The AMG adaptive sport suspension system comprises:

- Air suspension with variable spring rate
- Automatic level control system
- Speed-dependent lowering to reduce fuel consumption
- · Manual level adjustment
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- · DYNAMIC SELECT switch and level button

# Available suspension setting Mercedes-AMG GLC 43 4MATIC

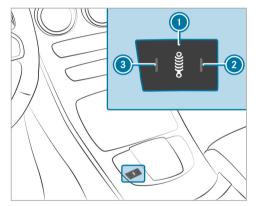
Drive program	Characteristics
(Slippery) (Comfort)	<ul> <li>The suspension setting is comfortable.</li> <li>The suspension is set to the normal level.</li> <li>When driving at speeds above 99 mph (160 km/h), the vehicle is lowered.</li> <li>When driving at speeds below 87 mph (140 km/h), the vehicle is raised again.</li> </ul>
S (Sport)	<ul> <li>The suspension setting is firmer.</li> <li>The suspension is set to the low level.</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds.</li> </ul>
S (Sport +)	<ul> <li>The suspension setting is even firmer.</li> <li>The suspension is set to the low level.</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds.</li> </ul>

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# Available suspension setting Mercedes-AMG GLC 63 and 63 S 4MATIC+

Drive program	Characteristics
(Slippery) (Comfort)	<ul> <li>The suspension setting is comfortable.</li> <li>The suspension is set to the normal level.</li> <li>When driving at speeds above 112 mph (180 km/h), the vehicle is lowered.</li> <li>When driving at speeds below 75 mph (120 km/h), the vehicle is raised again.</li> <li>4MATIC+ is dynamically synchronized.</li> </ul>
S (Sport)	<ul> <li>The suspension setting is firmer.</li> <li>The suspension is set to the low level.</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds.</li> <li>4MATIC+ is more dynamically synchronized.</li> </ul>
S (Sport +)  S (RACE)	<ul> <li>The suspension setting is even firmer.</li> <li>The suspension is set to the low level.</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds.</li> <li>4MATIC+ is more dynamically synchronized.</li> </ul>

# Selecting the AMG adaptive sport suspension system setting



comfort suspension setting: press button repeatedly until indicator lamps and go out.
The AMG Suspension System COMFORT message appears in the multifunction display.

The driving characteristics of your vehicle are comfortable.

SPORT suspension setting: press button
 repeatedly until indicator lamp
 lights
 up.

The AMG Suspension System SPORT message appears in the multifunction display.

The suspension is adapted to be firmer.

- SPORT+ suspension setting: press button
  - 1 repeatedly until indicator lamps 2 and 3 light up.

The AMG Suspension System SPORT + message appears in the multifunction display.

The vehicle is lowered to low level and the suspension is set to very firm.

### Notes on the Instrument Display and onboard computer

Additional notes regarding your Mercedes-AMG vehicle:

- Vehicles with an Instrument Display (standard): if you activate manual gearshifting, ( $\rightarrow$  page 11) the upshift bar will appear on the multifunction or Head-up Display. In addition, the transmission position M (manual) and the current gear will appear on the transmission position display of the multifunction display.
- Additional note regarding the indicator and warning lamps: the vehicle is also equipped with the ESP® [\$\overline{\beta}\$], ESP® OFF \$\overline{\beta}\$ and ESP® SPORT ESP SPORT indicator and warning lamps ( $\rightarrow$  page 44).
- You can select the following display content in vehicles with a Widescreen Cockpit:
  - Tachometer (classic display setting)
  - Date (progressive display setting)
  - Gear display
  - Warm-up

- AMG TRACK PACE
- G-meter
- Engine data
- Trip computer
- Navigation

### Operating the on-board computer

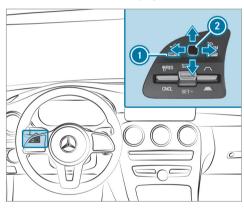
WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will 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 on-board computer.

(i) The on-board computer displays will appear on the multifunction display.



The on-board computer is operated using lefthand Touch Control 2 and the left-hand back/ home button 1.

When the on-board computer is being operated, different acoustic signals will sound as operating feedback, e.g. when the end of a list is reached or when you are scrolling through a list.

The following menus are available:

- Service
- DriveAssist
- Performance
- Trip
- Navigation
- Radio
- Media
- Phone
- · Head-up Disp.

Vehicles with an instrument display (standard) only: If you select the Performance menu, the upshift bar will appear on the multifunction display.

The menus can be called up from the menu bar on the multifunction display.

➤ To call up the menu bar: press back button on the left until the menu bar is displayed.



- To scroll in the menu bar: swipe left or right on the left-hand Touch Control 2.
- To call up a menu or confirm a selection: press the left-hand Touch Control 2.
- To scroll through displays or lists on the menu: swipe upwards or downwards on the left-hand Touch Control 2.
- To call up a submenu or confirm a selection: press the left-hand Touch Control ②.

To exit a submenu: press the back button on the left (1).

### Selecting the Head-up Display

If the Head-up Display has been switched off: switch the Head-up Display on via the multimedia system.

or

- If the Head-up Display is switched on: swipe upwards on the left-hand Touch Control ②.
- The Head-up Display will be activated.
- ► To select what the Head-up Display shows: swipe upwards or downwards on the left-hand Touch Control ②.

# 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.

### 22 Instrument Display and on-board computer

Displays on the Performance menu:

- Warm-up
- SETUP
- G-meter
- · Engine data
- Vehicles without AMG TRACK PACE: RACE TIMER (→ page 23)



Warm-up (example)

- Boost pressure
- Engine oil temperature
- Transmission oil temperature

If the engine or transmission is not at normal operating temperature, the multifunction display will show temperature ② or ③ in blue. Avoid using the full engine power output during this time.



SETUP in Mercedes-AMG GLC 43 vehicles (example)

- Drive system setting: Reduced/Moderate/Sport/Dynamic
- Exhaust system: Balanced/Powerful
- SESP®:
  On/Sport/Off

- Suspension tuning: Comfort/Sport/Sport+
- Transmission position: D/M



SETUP in Mercedes-AMG GLC 63 vehicles (example)

- Drive system setting: Reduced/Moderate/Sport/Dynamic/Race
- Suspension tuning: Comfort/Sport/Sport+
- 4 ESP®:

- On/Sport/Off
- 6 AMG Dynamics: Basic/Advanced/Pro/Master
- Transmission position:D/M

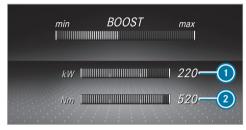


### G-meter (example)

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 appear in red in the coordinate system.

To reset the G-meter: press the left-hand Touch Control.

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



Engine data (example)

- Current power output
- Current torque

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

# Displaying and starting RACE TIMER on the Performance menu

On-board computer:

**→** Performance

The following functions are possible in RACE TIMER:

- · Selecting displays and starting
- Stopping
- Starting a new lap
- · Displaying lap statistics
- Resetting

### 24 Instrument Display and on-board computer



- Lap
- 2 Lap time

RACE TIMER is intended only for use on designated race tracks. Do not use the function on public roads.

- To select a display and start: swipe up or down on the left-hand Touch Control.
- Press the left-hand Touch Control.
- Select Start and press the left-hand Touch Control.
- ► To stop: select Stop and press the left-hand Touch Control.

- To start a new lap: after the first stored lap, press the left-hand Touch Control.
- Select New Lap .
   A maximum of 32 laps may be stored.



Example: RACE TIMER

- 1 Lap
- Elapsed time
- Average speed
- Distance covered
- To display the lap statistics: after at least two stored laps, press the left-hand Touch Control.

- Select Lap List . The lap statistics will be displayed.
- Display the statistics for the next lap by swiping up or down on the left-hand Touch Control.

The fastest lap will be indicated by flashing text 1.

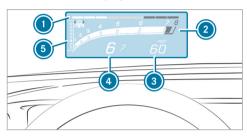
- To reset: stop RACE TIMER and press the left-hand Touch Control.
- Select Reset and press the left-hand Touch Control.
   All laps will be deleted.

# Function of the Head-up Display

The Head-up Display projects the following into the driver's field of vision:

- Information from the navigation system
- Information from the driver assistance systems
- Some warning messages

### Mercedes-AMG display content



- Protection from reaching the overrevving range
- Current engine speed
- 3 Current speed
- Currently selected gear; gearshift options for manual shifting
- Index points

Depending on the vehicle's equipment, you can select further AMG displays in addition to the standard displays on the Display Content menu. If you select RACE TIMER, the Head-up Display will show the lap and lap time.

In vehicles with AMG TRACK PACE, you can also display the following content depending on the setting:

- Speed and gear display
- · Lap and sector times
- · Acceleration and braking
- Track layout graphics

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 is influenced by the following conditions:

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

### **Function of AMG TRACK PACE**

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.

Please 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  $\triangle_{AR}$  is selected, the track display can be switched to AR.
- Select Stop Race to end timekeeping.

- Confirm the prompt with OK.
- Select the weather.
- 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 <u>t</u> 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 to return to the overview.
- Select Diagram.
- Set parameters  $P_0$  and  $P_2$ . The analysis is displayed.

### 28 MBUX multimedia system



- 1 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.

### 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 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.

reached.

- 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 (157 km/h), measurement starts as

# Storing and calling up measurement values If measurement is completed or canceled, a prompt appears asking whether the measurement should be saved.

soon as 55 mph (150 km/h) has been

Confirm the prompt with to save.

### Calling up saved measurements

- ► Select **:=** History.
- Select Acceleration, Quarter Mile or Braking.

### 30 MBUX multimedia system

Select a measurement. The desired measurement is displayed in detail.

01

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 Headup 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 24).

### Setting acoustic feedback

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

### 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 light

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

Select Ambient light.

Activate or deactivate the function.

#### 32 Wheels and tires

### 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 do not exhibit the required quality characteristics and are not suitable for high speeds or the relevant driving dynamics.
- The tires wear unevenly and could, therefore, 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 road speed set and the vehicle.

# Vehicles with AMG ceramic high-performance composite braking system:

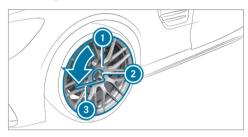
NOTE Damage to the ceramic brake disk when changing a wheel

Mercedes-AMG vehicles with ceramic brake disks: during removal and repositioning of the wheel, the wheel rim may strike the ceramic brake disk and damage it.

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

### Installing/removing the hub cap

### Removing



- Remove socket ② and lug wrench ③ from the vehicle tool kit.
- ► 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 lug wrench 3 on socket 2 and tighten hub cap ①.

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

### Operating fluids

#### Fuel

### Information on fuel grades for Mercedes-AMG vehicles

Observe the information on service products 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 the ignition on.
- 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 reserve fuel

Model	Total capacity
All models (Coupe and SUV)	17.4 gal (66.0 liters)
Model	Of which reserve
Mercedes-AMG GLC 43 4MATIC (Coupe and SUV)	1.9 gal (7.0 liters)
All other models (Coupe and SUV)	2.6 gal (10.0 liters)

#### Quality and capacity of engine oil

Model	MB-Freigabe or MB- Approval
USA only:	229.5*
AMG GLC 63 4MATIC + (SUV)	229.51
AMG GLC 63 S 4MATIC+ Coupe	
All other models	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 specifications marked in the table for the lowest SAE viscosity class. Possible restrictions of the approved SAE viscosity classes must be observed.

Mercedes-AMG GLC 63 4MATIC+ and GLC 63 S 4MATIC+: Only use SAE 0W-40 or SAE 5W-40 engine oil.

The following values refer to an oil change, including the oil filter.

Model	Capacity
Mercedes-AMG GLC 43 4MATIC Coupe Mercedes-AMG GLC 43 4MATIC (SUV)	6.9 US qt (6.5 liters)
All other models	9.5 US qt (9.0 liters)

#### 36 Technical data

# **Coolant capacity**

Model	Capacity
Mercedes-AMG GLC 43 4MATIC	10.0 US qt (9.5 liters)
All other models	11.8 US qt (11.2 liters)

## Filling capacity for refrigerant and PAG oil

Model	Refrigerant
Mercedes-AMG GLC 43 4MATIC	$22.2 \pm 0.4$ oz $(630 \pm 10 \text{ g})$
All other models	$21.5 \pm 0.4$ oz $(610 \pm 10 \text{ g})$
Model	PAG oil
All models	$2.8 \pm 0.4 \text{ oz}$ (80 ± 10 g)

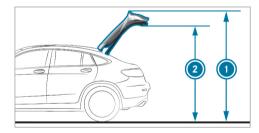
#### Vehicle data

#### **Vehicle dimensions**

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

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

# Height when opened and headroom



Example: Mercedes-AMG GLC Coupe

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

Model	<ul><li>Height when opened</li></ul>	Head- room
Mercedes- AMG GLC 43 4MATIC Coupe	86.5 in (2197 mm)	97.4 in (2473 mm)
AMG GLC 43 4MATIC C (SUV)	83.1 in (2110 mm)	89.1 in (2264 mm)
USA: Mercedes- AMG GLC 63 4MATIC+ (SUV)	83.0 in (2107 mm)	89.0 (2261 mm)

Model	<ul><li>Height when opened</li></ul>	Head- room
Mercedes- AMG GLC 63 S 4MATIC + Coupe	86.4 in (2194 mm)	97.2 in (2470 mm)
Canada: Mercedes- AMG GLC 63 S 4MATIC + (SUV)		

#### Vehicle dimensions

82.5 in (2096 mm)
113.1 in (2873 mm)
39.70 ft (12.10 m)

Vehicle length		
Model	Vehicle length	
Mercedes-AMG GLC 43 4MATIC Coupe	186.2 in (4729 mm)	
Mercedes-AMG GLC 63 S 4MATIC+ Coupe	187.0 in (4748 mm)	
Mercedes-AMG GLC 43 4MATIC (SUV)	183.5 in (4662 mm)	
All other models (SUV)	184.3 in (4682 mm)	

Vehicle	height

Model	Vehicle height
Mercedes-AMG GLC 43 4MATIC Coupe	62.5 in (1587 mm)
Mercedes-AMG GLC 63 S 4MATIC+ Coupe	62.4 in (1584 mm)

Model	Vehicle height
Mercedes-AMG GLC 43 4MATIC (SUV)	64.1 in (1628 mm)
USA: Mercedes-AMG GLC 63 4MATIC+ (SUV)	64.0 in (1625 mm)
Canada: Mercedes- AMG GLC 63 S 4MATIC+ (SUV)	

# Weights and loads

Observe the vehicle data specified below: optional equipment increases the curb weight and reduces the payload.

Model	Maximum roof load
All models	165 lb (75 kg)

# Off-road driving

#### Fording depth

NOTE Damage caused by water when fording

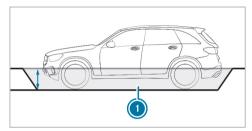
In the following cases water can penetrate into the engine compartment and vehicle interior:

- 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 and for 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.



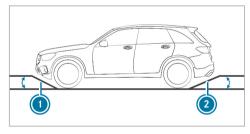
Model	<ul><li>Fording depth</li></ul>
Only SUV: Mercedes-AMG GLC 43 4MATIC	11.8 in (30 cm)
Only SUV: all other models	7.9 in (20 cm)

#### Angle of approach/departure

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

On vehicles with AIR BODY CONTROL, loads up to the maximum permissible load have no influence on the approach/departure angle.

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



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

Model	Front	Rear
Mercedes-AMG GLC 43 4MATIC Coupe		
Mercedes-AMG GLC 43 4MATIC (SUV)		
Mercedes-AMG GLC 63 4MATIC+ Coupe		
Mercedes-AMG GLC 63 4MATIC+ (SUV)		
Mercedes-AMG GLC 63 S 4MATIC + Coupe		
Mercedes-AMG GLC 63 S 4MATIC + (SUV)	17.6°	22.0°

# 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 given value applies to vehicles in a roadworthy condition on a good road surface and, therefore, with good traction.

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.

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

Model	Maximum gradient climbing ability
Mercedes-AMG GLC 43 4MATIC Coupe	
Mercedes-AMG GLC 43 4MATIC (SUV)	
Mercedes-AMG GLC 63 4MATIC+ Coupe	

Model	Maximum gradient climbing ability
Mercedes-AMG GLC 63 4MATIC+ (SUV)	
Mercedes-AMG GLC 63 S 4MATIC+ Coupe	
Mercedes-AMG GLC 63 S 4MATIC+ (SUV)	

## Maximum design speeds

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

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

## 40 Technical data

Maximum speeds

Maximum spee	ds
	Mercedes-AMG GLC 43 4MATIC Coupe
	Mercedes-AMG GLC 43 4MATIC (SUV)
1st gear	
2nd gear	
3rd gear	
4th gear	
5th gear	
6th gear	
7th gear	
8th gear	
9th gear	

	Mercedes-AMG GLC 63 4MATIC+ Coupe Mercedes-AMG GLC 63 4MATIC+ (SUV)
1st gear	
2nd gear	
3rd gear	
4th gear	
5th gear	
6th gear	
7th gear	
8th gear	
9th gear	

	Mercedes-AMG GLC 63 S 4MATIC+ Coupe Mercedes-AMG GLC 63 S 4MATIC+ (SUV)
1st gear	
2nd gear	
3rd gear	
4th gear	
5th gear	
6th gear	
7th gear	
8th gear	
9th gear	

#### 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 (at a minimum startoff gradeability of 12%)

Model	Towing capacity, braked
All models	

# Towing capacity, unbraked

Model	Towing capacity, unbraked
All models	

#### Maximum tongue weight and load capacity

I 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.

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

#### Tongue weight

Model	Maximum tongue weight
All models	

#### Load capacity

Model	Maximum load
All models	

# Permissible rear axle load (trailer operation)

Model	Axle load
Canada only: AMG GLC 63 S 4MATIC+ (SUV)	2910 lb (1320 kg)

# **42** Display messages and warning/indicator lamps

# Display messages

# Vehicle

Display messages	Possible causes/consequences and ▶ Solutions
Electronic Rear Axle Differential Lock Inoperative	<ul> <li>* The electronic locking differential has failed.</li> <li>Consult a qualified specialist workshop.</li> </ul>
Electronic Rear Axle Differential Lock Currently Unavailable	<ul> <li>* The electronic locking differential is overheated.</li> <li>Let the electronic locking differential cool down by driving defensively.</li> </ul>

# **Driving systems**

Display messages	Possible causes/consequences and ▶ Solutions
RACE START Not Possible See Operator's Manual	<ul> <li>* Possible causes:</li> <li>• The activation conditions have not been fulfilled (→ page 15).</li> </ul>
RACE START Canceled	<ul> <li>Possible causes:</li> <li>You released the accelerator pedal during RACE START.</li> <li>You depressed the brake pedal during RACE START.</li> <li>You can try RACE START again at the next start.</li> </ul>

#### Display messages



Malfunction Drive at Max 50 mph

# Possible causes/consequences and ▶ Solutions

- \* AMG 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).
  - Consult a qualified specialist workshop.

#### Warning and indicator lamps

#### **Driving systems**

## Warning/indicator lamp



Suspension warning lamp (yellow)

# Possible causes/consequences and ▶ Solutions

- \* The yellow AMG adaptive sport suspension system warning lamp is lit. There is a malfunction in the AMG adaptive sport suspension system.
- Note the messages on the multifunction display.

#### **Driving safety systems**

Warning/indicator lamp



# Possible causes/consequences and ▶ Solutions

\* The yellow ESP® OFF warning lamps are lit while the engine is running. ESP® 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 engine is running.

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

WARNING Risk of skidding if ESP® SPORT is used incorrectly

When you activate  $\mathsf{ESP}^{\$}$  SPORT, there is an increased risk of skidding and having an accident.

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