

**Disclaimer**

The following online version of the Operator's Manual describes all models as well as all the standard and optional equipment of your vehicle. Country-specific differences in the language variants are possible. Note that your vehicle may not be fitted with all features described. This is also the case for safety-relevant systems and functions. Please contact your authorized Mercedes-Benz dealer if you would like to have a printed Operator's Manual for other vehicle models and vehicle model years. The online version is the currently valid Operator's Manual. Possible variations to your vehicle may not be taken into account because Mercedes-Benz is constantly updating its vehicles and equipment in line with the current state of the art and introducing changes to the design and equipment.

Please also read the printed Operator's Manual, any supplementary documents and the digital Operator's Manual in the vehicle.

**Copyright**

All Rights Reserved. All texts, images, graphics, are subject to Copyright and other laws for the protection of intellectual property. They may not be copied for commercial purposes or for transmission, nor changed and used on other websites.





E-Class

Mercedes-AMG Supplement

Mercedes-Benz





## 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

Mercedes-Benz Canada, Inc.

A Mercedes-Benz Group AG Company

2135842323



|                                          |          |                                                             |           |                                                           |           |
|------------------------------------------|----------|-------------------------------------------------------------|-----------|-----------------------------------------------------------|-----------|
| <b>Symbols</b> .....                     | <b>3</b> | <b>Instrument display and on-board computer</b> .....       | <b>21</b> | <b>Display messages and warning/indicator lamps</b> ..... | <b>39</b> |
| <b>At a glance</b> .....                 | <b>4</b> | Notes on the instrument display and on-board computer ..... | 21        | Display messages .....                                    | 39        |
| Cockpit .....                            | 4        | Operating the on-board computer .....                       | 21        | Warning and indicator lamps .....                         | 41        |
| <b>General notes</b> .....               | <b>6</b> | Calling up displays on the Performance menu .....           | 23        | <b>Index</b> .....                                        | <b>44</b> |
| Operator's Manual .....                  | 6        | Function of the head-up display .....                       | 25        |                                                           |           |
| <b>Occupant safety</b> .....             | <b>7</b> | <b>MBUX multimedia system</b> .....                         | <b>27</b> |                                                           |           |
| Seat belts .....                         | 7        | AMG TRACK PACE .....                                        | 27        |                                                           |           |
| Airbags .....                            | 7        | <b>Maintenance and care</b> .....                           | <b>33</b> |                                                           |           |
| <b>Driving and parking</b> .....         | <b>8</b> | Notes on the care of tailpipes .....                        | 33        |                                                           |           |
| Driving .....                            | 8        | <b>Wheels and tires</b> .....                               | <b>34</b> |                                                           |           |
| DYNAMIC SELECT switch .....              | 9        | Changing a wheel .....                                      | 34        |                                                           |           |
| Automatic transmission .....             | 11       | <b>Technical data</b> .....                                 | <b>35</b> |                                                           |           |
| Driving and driving safety systems ..... | 12       | Operating fluids .....                                      | 35        |                                                           |           |
|                                          |          | Vehicle data .....                                          | 37        |                                                           |           |

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.

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

▶ Instruction

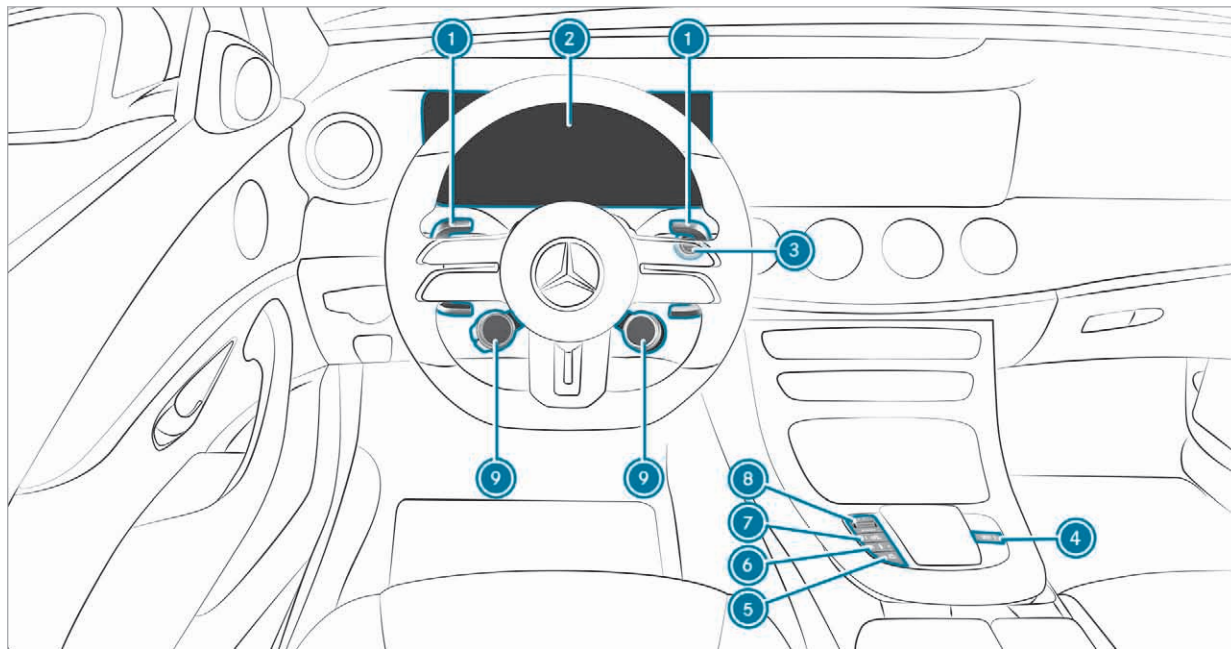
(→ page) Further information on a topic

**Display** Display field in the Instrument Display/media display

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

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

\* Indicates a cause



Left-hand-drive vehicles

|   |                                                                                                                  |   |    |
|---|------------------------------------------------------------------------------------------------------------------|---|----|
| ① | Steering wheel paddle shifters                                                                                   | → | 11 |
| ② | Instrument display                                                                                               | → | 21 |
| ③ | Start/stop button                                                                                                | → | 8  |
| ④ |  AMG Performance exhaust system | → | 9  |
| ⑤ |  ESP®                           | → | 12 |

|   |                                                                                                                            |   |    |
|---|----------------------------------------------------------------------------------------------------------------------------|---|----|
| ⑥ |  AMG adaptive sport suspension system + | → | 18 |
| ⑦ |  Manual gearshifting                    | → | 11 |
| ⑧ | DYNAMIC SELECT switch                                                                                                      | → | 9  |
| ⑨ | AMG steering-wheel buttons                                                                                                 | → | 8  |

## Operator's Manual

These Operating Instructions provide information on all the important functions of your AMG vehicle that are either not described or differ from the descriptions in the Operator's Manual. This information supplements or replaces the corresponding sections in the vehicle Operator's Manual. Under no circumstances 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.

## Seat belts

### Reduced protection

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, e.g. sport or racing seat belts, the restraint system cannot provide the intended level of protection.

Depending on the type of seat, 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.

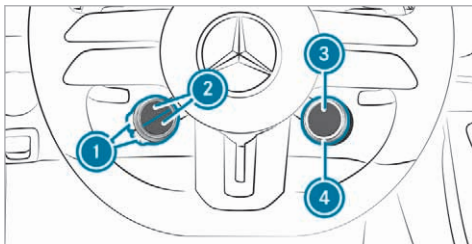
## Airbags

### 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

### Operation 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 for corresponding button ① by pressing display buttons ② in the upper or lower area repeatedly. Display buttons ② show the functions currently selected.

The following functions are available:

 ESP® (→ page 12)

-  AMG RIDE CONTROL + (→ page 18)
-  AMG Performance exhaust system (→ page 9)
-  Manual gearshifting (→ page 11)
-  AMG Dynamics (→ page 9)
-  ECO start/stop function (see the vehicle Operator's Manual)

If you have assigned specific functions to display buttons ②, you can operate these functions with corresponding button ①.

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

You can switch between the drive programs with rotary switch ③. The selected drive program appears in display button ④. By pressing display button ④, you can directly access the  drive program (→ page 9).

You can switch between the drive programs with rotary switch ④. The selected drive program appears in display button ③. By pressing display

button ③, you can directly access the  drive program (→ page 9).

### Function of the Emotion Start (Mercedes-AMG vehicles)



▶ Start the vehicle with the start/stop button and simultaneously pull one of steering wheel paddle shifters ① or ②.

- The idle speed is increased briefly when starting the engine.
- The exhaust gas flaps are opened (sporty characteristic powerful) (→ page 9).

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

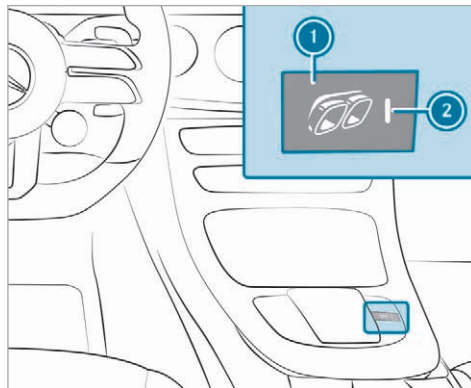
## AMG Performance exhaust system

### Function of the AMG Performance exhaust system

You can choose between the following sound characteristics for the AMG Performance exhaust system:

- **Balanced:** Comfortable sound characteristic
- **Powerful:** Sporty sound characteristic

### Operating the AMG Performance exhaust system



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

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

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

The noise depends on the following factors:

- speed
- brake force
- environmental conditions, e.g. temperature and air humidity

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

## DYNAMIC SELECT switch

### Function of the DYNAMIC SELECT switch

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

-  **Slippery:** optimized pulling away and driving characteristics in wintry and slippery road conditions

-  **Individual**: individual settings
-  **Comfort**: comfortable and economical driving
-  **Sport**: sporty driving
-  **Sport+**: particularly sporty driving
-  **Race**: racetrack-oriented driving characteristics

 The drive program  is available only for the **Mercedes-AMG E 63 S 4MATIC+** model or for vehicles with **AMG DYNAMIC PLUS package**.

Drive program  may not be used on normal roads. The  drive program may be activated and used only on dedicated race circuits, not on public roads.

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

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

- Drive
  - Engine and transmission management

- AMG Dynamics
  - The four agility functions, Basic, Advanced, Pro and Master, will be selected automatically depending on the drive program.
  - The steering, shift timing point, all-wheel drive and stabilization functions will be adapted to the selected drive program.
  - When ESP® is activated, the Pro agility function will be selected in drive program . The Master function will be selected automatically when ESP® is deactivated.
- Position of the exhaust gas flaps
- Suspension
- Steering
- Drive program  is characterized by the following:
  - The vehicle exhibits driving characteristics suited for the racetrack.
  - All vehicle systems are set for maximum sportiness.
  - the automatic transmission shifts up later.

- The suspension exhibits particularly firm springing and damping settings.
- Glide mode is not available.
- The sporty sound characteristic of the exhaust system is activated.

 You can call up vehicle characteristics via the Performance menu on the on-board computer (→ page 23).

 You can adjust the agility functions of AMG Dynamics using the AMG steering-wheel buttons.

You can also change the following vehicle characteristics using the buttons on the center console:

- Position of the exhaust gas flaps
- Suspension

## Displaying dynamic data

Multimedia system:

➔ **AMG Performance** ➔ **Vehicle**

▶ Select **Dynamic Data**.

Dynamic data is displayed, e.g.:

- G-force values
- Torque distribution
- Boost effect
- Current power output
- Variable all-wheel drive

## Automatic transmission

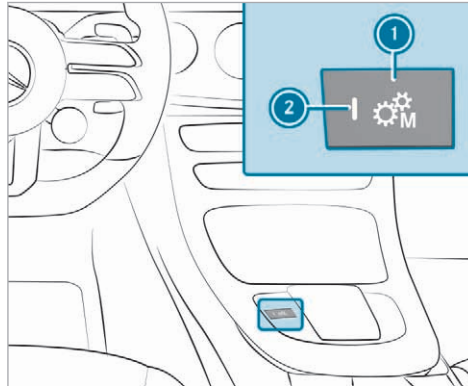
### Rocking the vehicle free

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**.

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

### Manual shifting (Mercedes-AMG vehicles)



▶ **To activate/deactivate:** press button ❶. If indicator lamp ❷ is lit, manual shifting is activated. The current gear will be shown on the instrument display.

❗ To permanently shift the gears manually in drive program **[I+]** using the steering wheel paddle shifters, select the **M** (Manual) setting for the transmission.

### Shifting up and down

❗ **NOTE** Damage to the engine due to shifting up too late

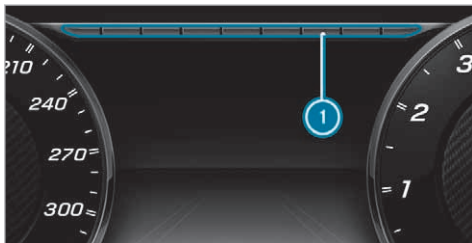
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

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

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



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

### Function of glide mode (Mercedes-AMG vehicles)

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

Glide mode is characterised by the following:

- The combustion engine is disconnected from the drivetrain and the vehicle continues to roll.
- **Mercedes-AMG E 53 4MATIC+:** The combustion engine is switched off. All of the vehicle functions remain active.
- The  symbol appears in the instrument display.

Glide mode will be activated if the following conditions are met:

- The 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 gradients or tight bends.
- **Mercedes-AMG E 53 4MATIC+:** The state of charge of the battery is sufficient.
- You are no longer depressing the accelerator or brake pedal.

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

### **Driving and driving safety systems**

#### Function of ESP® (Mercedes-AMG vehicles)

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

- ESP® ON
- ESP® SPORT
- ESP® OFF

### Characteristics when ESP® is activated

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

- When you are pulling away on wet or slippery roads
- When you are braking.
- When there is a strong crosswind from approximately 47 mph (75 km/h) to 125 mph (200 km/h).

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

- The brakes are applied to one or more specific wheels.
- The engine output is adapted according to the situation.

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

When the  ESP® warning lamp flashes, one or several wheels has reached its grip limit:

- Adapt your 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 will light up continuously.

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

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

If ESP® SPORT is activated and one or more wheels start to spin, the  ESP® warning lamp will flash. ESP® will then stabilize 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 engine's torque is restricted only to a limited degree and the drive wheels can spin. The spinning of the wheels improves traction on loose surfaces.
- 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.

- In deep snow.
- On sand or gravel.

❗ Spinning the wheels improves traction.

❗ 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.

When ESP® is deactivated, the  and  warning lamps will 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.

❗ Even when ESP® is deactivated, you will still be 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.

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

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

- Indicator and warning lamps
- Display messages

### ETS/4ETS (Electronic Traction System)

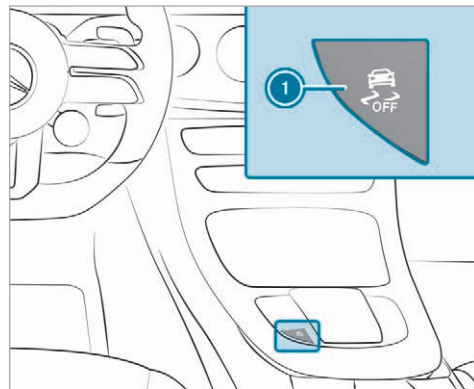
ETS/4ETS traction control is part of ESP®.

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.

## Adjusting ESP® (Mercedes-AMG vehicles)



▶ **To activate ESP® SPORT:** briefly press button

❗.

The  and  warning lamps will appear on the instrument cluster.

- ▶ **To deactivate ESP®:** press and hold button ❶ until the  and  warning lamps appear on the instrument cluster.

- ❶ When you deactivate ESP® in the  drive program, AMG Dynamics will automatically switch to the **Master** level.

- ▶ **To activate ESP®:** briefly press button ❶. The ,  and  warning lamps will go out.

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

### Activating/deactivating ESP® (Electronic Stability Program)

Multimedia system:

➞  ➞ **Settings** ➞ **Quick Access**

- ❶ ESP® can only be activated/deactivated using quick access when at least one other function is available in quick access. ESP® can otherwise be found in the **Assistance** menu.

- ▶ Select **ESP**.  
▶ Select **On** or  **Off**.

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

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

### RACE START

#### Information about RACE START

- ❶ RACE START is available only for the **Mercedes-AMG E 63 4MATIC+ and E 63 S 4MATIC+** models.

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.

- ❶ Use RACE START only after the vehicle has been run in.  
❶ 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 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 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 **D**.
- DRIFT MODE is deactivated.
- One of drive programs **S**, **S<sup>+</sup>** or  is selected (→ page 9).

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

- ❗ 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 Instrument Display.

▶ The **RACE START Release brake to start** message appears in the Instrument Display.

- ❗ 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 on the Instrument Display will flicker rapidly.

- ❗ If the brake pedal is not released after a short while, RACE START will be canceled. The **RACE START Canceled** message appears in the Instrument 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 Instrument 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 Instrument Display.

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

## DRIFT MODE

### Functions of DRIFT MODE

- ❗ DRIFT MODE is available only for the **Mercedes-AMG E 63 S 4MATIC<sup>+</sup>** model or for

vehicles with the **AMG DYNAMIC PLUS package**.

DRIFT MODE allows you to intentionally make the vehicle unstable and induce oversteer (drifting). All activation conditions must be fulfilled for this (→ page 17).

- ❗ Only a highly qualified and experienced driver should drive in DRIFT MODE. Read the safety notes and information on ESP<sup>®</sup> (→ page 12).

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

When you use DRIFT MODE, ESP<sup>®</sup> is not available.

There is an increased risk of skidding and having an accident.

- ▶ Do not use DRIFT MODE on normal roads.
- ▶ DRIFT MODE may only be activated and used on closed race circuits, not on public roads.

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

When DRIFT MODE is active, drive for the vehicle occurs only at the rear and 4MATIC+ is deactivated.

4MATIC+ will be continuously reactivated from a speed of approximately 70 mph (115 km/h) up to 95 mph (150 km/h). From a speed of 95 mph (150 km/h), 4MATIC+ will be fully active again, but ESP® will remain deactivated. 4MATIC+ will be continuously deactivated again below a speed of 95 mph (150 km/h) to approximately 70 mph (115 km/h).

- ❗ DRIFT MODE is available only after the vehicle has been run in.

## ■ Activating and deactivating DRIFT MODE

### Requirements

- ESP® is deactivated (→ page 14).
- Drive program  is selected (→ page 9).
- The doors, the hood and the trunk lid/tailgate are closed.

- The vehicle is started and the transmission and the engine are at normal operating temperature.
- The transmission is in manual mode – manual shifting is activated (→ page 11).

### Activating DRIFT MODE



- ▶ Pull steering wheel paddle shifters ① and ② and hold for half a second. If all activation conditions are fulfilled, the instrument display will show a message reading **DRIFT MODE Confirm: Paddle UP Cancel: Paddle DOWN** and the **DRIFT** warning lamp will flash.

- ▶ **To cancel:** pull steering wheel paddle shifter ①. The instrument display will show a message reading **DRIFT MODE Canceled** and the **DRIFT** warning lamp will go out.
- ▶ **To confirm:** pull steering wheel paddle shifter ②. The instrument display will show a message reading **DRIFT MODE Active** and the **DRIFT** warning lamp will light up.

### Deactivating DRIFT MODE

- ▶ Pull steering wheel paddle shifters ① and ② and hold for half a second. The message **DRIFT MODE Active** and the **DRIFT** warning lamp will go out.

DRIFT MODE will automatically be deactivated in the following situations:

- ESP® is activated.
- Manual shifting is deactivated – the transmission is in position **D**.
- The  drive program is switched off.
- The vehicle is switched off.

- Automatic switch-off is required by the vehicle.

 After drifting and before continuing the journey, check the wheels and tires for damage. In particular, check the tire tread depth and tire contact surface over the entire width of the tires (see the vehicle Operator's Manual).

### AMG adaptive sport suspension system +

#### ■ 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:

- 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
- Manually selectable high-level setting for greater ground clearance
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- DYNAMIC SELECT switch and level button
- Suspension setting button

#### Suspension setting and vehicle level per drive program

##### Mercedes-AMG E 53 4MATIC+

Drive programs  and :

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

- When driving at speeds of 100 mph (160 km/h) or above, the vehicle is lowered.
- When driving at speeds below 87 mph (140 km/h), the vehicle is raised again.

Drive programs ,  and :

- The suspension setting is firmer.
- The vehicle is set to the 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.

#### Suspension setting and vehicle level per drive program

##### Mercedes-AMG E 63 4MATIC+ and Mercedes-AMG E 63 S 4MATIC+

Drive programs ,  and :

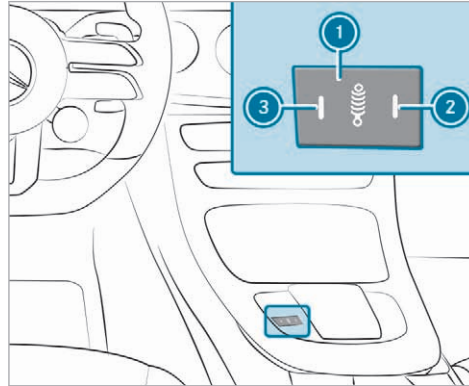
- The suspension setting is comfortable ( and ).
- The suspension setting is firmer ().
- The vehicle is set to the normal level.

- When driving at speeds of 130 mph (210 km/h) or above, the vehicle is lowered.
- When driving at speeds below 75 mph (120 km/h), the vehicle is raised again.

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

- The suspension setting is even firmer.
  - The vehicle is set to the low level.
  - The vehicle is not lowered any further if you are traveling at higher speeds.
- i** When the vehicle is started again, the **COMFORT** setting is activated automatically.

### Selecting the AMG RIDE CONTROL+ suspension setting



- ▶ **COMFORT suspension setting:** press button **1** repeatedly until indicator lamps **2** and **3** go out. The **AMG Suspension System COMFORT** message will appear on the Instrument Display.

The driving characteristics of your vehicle are comfortable.

- ▶ **SPORT suspension setting:** press button **1** repeatedly until indicator lamp **3** lights up. The **AMG Suspension System SPORT** message will appear on the Instrument 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 will appear on the Instrument Display. The vehicle is lowered to low level and the suspension is set to very firm.

### Setting the vehicle level

**⚠ WARNING** Risk of accident because vehicle level is too high

Driving characteristics may be impaired.

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

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

**⚠ WARNING** Risk of entrapment from vehicle lowering

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

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

**⚠ WARNING** Risk of becoming trapped due to the vehicle lowering

**Vehicles with AIR BODY CONTROL 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.

**Requirements:**

- The vehicle has been started.
- The vehicle is not moving faster than 40 mph (65 km/h).

**Raising the vehicle**

- ▶ Select  in the quick access menu of the multimedia system.  
The vehicle is raised to the high level.

Your selection is saved.

The vehicle lowers itself back down to the height of the most recently active drive program:

- **Mercedes-AMG E 63 4MATIC+ and E 63 S 4MATIC+:**

- When driving faster than 75 mph (120 km/h).
- When driving between 50 mph (80 km/h) and 75 mph (120 km/h) for approximately three minutes.

- **Mercedes-AMG E 53 4MATIC+:**

- When driving faster than 62 mph (100 km/h).
- When driving between 50 mph (80 km/h) and 62 mph (100 km/h) for approximately three minutes.
- After selecting a drive program using the DYNAMIC SELECT switch.

**Lowering the vehicle**

- ▶ Select .  
The vehicle is adjusted to the height of the last active drive program.

### Notes on the instrument display and on-board computer

- **Vehicles with an instrument display (standard):** if you activate manual gearshifting (→ page 11), the gearshift recommendation will appear on the instrument or head-up display. In addition, the drive setting **M** (manual) and the current gear will appear on the transmission position display of the instrument display.
- If you switch on the ECO start/stop function and select drive program **C**, the engine electronics will switch from eight-cylinder mode to four-cylinder mode, if necessary. The instrument display will show the  symbol in the status area.
- The vehicle is also equipped with the following indicator and warning lamps (→ page 42):
  - ESP® 
  - ESP® OFF 
  - ESP® SPORT 

You can select the following display content, for example:

- Tachometer with gear display
- Date and time
- Warm-up
- AMG TRACK PACE
- G-meter
- Engine data
- SETUP
- Trip computer
- Navigation
- Media
- Telephone

The AMG TRACK PACE menu is displayed in the left-hand section of the display.

The following menus are displayed in the right-hand section of the display:

- Warm-up
- G-meter
- Engine data

- SETUP

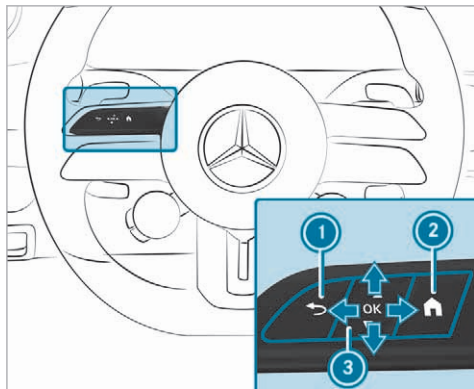
### Operating the on-board computer

**⚠ 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 on-board computer.



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

The on-board computer is operated using the left-hand Touch Control, back button and main menu button.

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

- ① To operate Touch Control ③ in the most effective way, use the tip of your thumb if possible.

The following menus are available:

- Assistance
- Phone
- Navigation
- Performance
- Trip
- Radio
- Media
- Designs
- Service

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

- ▶ To call up the menu bar: press the left-hand back button until the menu bar is displayed.

- ① **Vehicles without Active Distance Assist DISTRONIC:** press the  button to call up the menu bar of the on-board computer.



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

- ▶ **To exit a submenu:** press the left-hand back button.

### Operating the head-up display

- ▶ **If the head-up display is switched off:** swipe upwards on the menu bar on the left-hand Touch Control.
- ▶ **To switch to the head-up display:** swipe upwards on the left-hand Touch Control.
- ▶ **To set the display areas of the head-up display:** swipe upwards or downwards on the left-hand Touch Control.

### Displaying full-screen menus

You can display the following menus full-screen on the instrument display:

- [Assistance](#)
  - [Trip](#)
  - [Navigation](#)
- ▶ On the corresponding menu, use the left-hand Touch Control to scroll to the end of the list.

- ▶ Press the left-hand Touch Control. The selected menu will be displayed full-screen.

### Calling up displays on the Performance menu

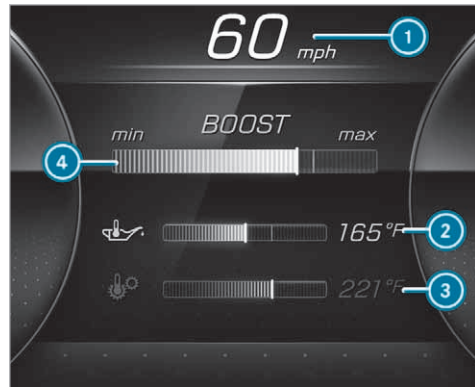
On-board computer:

➔ [Performance](#)

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

Displays on the [Performance](#) menu:

- Warm-up
- Engine data
- SETUP
- G-meter



Warm-up

- ① Digital speedometer
- ② Engine oil temperature
- ③ Transmission oil temperature
- ④ Boost pressure

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

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



Engine data

- ① Current power output
- ② Current torque

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

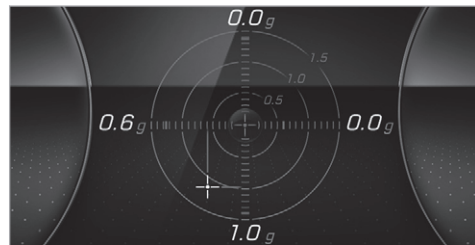


#### SETUP

- ① Drive system setting:  
Reduced/Moderate/Sport/Dynamic/Race
- ② Transmission position:  
D/M
- ③ AMG DYNAMICS:  
Basic/Advanced/Pro/Master
- ④ Suspension tuning:  
Comfort/Sport/Sport+
- ⑤ Exhaust system:  
Balanced/Powerful

#### Resetting the G-meter

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



G-meter

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

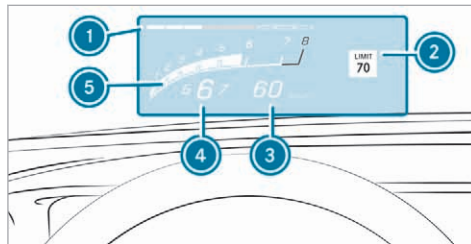
### Function of the head-up display

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

- Driving speed
- Information from the navigation system
- Information from the driving systems and driving safety systems
- Some warning messages

Depending on the vehicle's equipment, different content may be shown in the three areas of the head-up display.

### Mercedes-AMG display content



- ❶ Protection from reaching the overrevving range
- ❷ Detected instructions and traffic signs
- ❸ Current speed
- ❹ Currently selected gear; gearshift options for manual shifting
- ❺ Current engine speed

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

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

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

❶ The content that can be displayed will vary depending on the settings.

When you receive a call, the  **Incoming Call** message will appear on the head-up display.

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

### System limits

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

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

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

## AMG TRACK PACE

### Function of AMG TRACK PACE

- i** This function is an on-demand feature 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. Hockenheimring), or record and save new tracks. The driven lap times are stored for every track. These can be analyzed and compared to other lap times to achieve the best possible race results. Additionally, acceleration and braking procedures can be measured and stored.

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

### Setting Track Race

Multimedia system:

→ TRACK PACE → Track Race

#### Recording a new track

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

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

- ▶ Select  **Set Sector**.
- ▶ Select  **Stop Recording** to end track recording or cross the starting line again.
- ▶ Confirm the prompt with .
- ▶ Select the weather.

- i** The temperature is determined automatically.
- ▶ After ending, select  to save the track.
  - ▶ Enter a name.
  - ▶ Press  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  is selected, the track display can be switched to AR.
- ▶ Select  **Stop Race** to end timekeeping.
  - ▶ Confirm the prompt with .
  - ▶ 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  on the active display, you can deactivate this.

- ▶ Select  to return to the navigation map view.

### Displaying the analysis

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

The following data is displayed:

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

- Vehicle
- Date
- Weather

- ▶ Select **Compare to Rec.** to use a different session as a reference value.
  - ▶ Select  to return to the overview.
  - ▶ Select  **Diagram**.
  - ▶ Set parameters  and .
- The analysis is displayed.



- ① Lap overview
- ② Parameter 1
- ③ Parameter 2
- ④ Trajectory of parameter 1 (e.g. time)
- ⑤ Trajectory of parameter 2 (e.g. speed)
- ⑥ 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**.
- ▶ 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 soon as 55 mph (150 km/h) has been reached.

## Storing and calling up measurement values

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

- ▶ Confirm the prompt with  to save.

## Calling up saved measurements

- ▶ Select  **History**.
- ▶ Select **Acceleration**, **Quarter Mile** or **Braking**.
- ▶ Select a measurement.  
The desired measurement is displayed in detail.

or

- ▶ Delete a measurement.

### Calling up the telemetry display

Multimedia system:

↳ TRACK PACE ▶ Telemetry

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

For example:

- Engine speed
- Wheel angle
- Speed
- Steering angle

- ▶ Set the desired parameters.
- ▶ Set the time.

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

### Configuring AMG TRACK PACE

#### **Requirements:**

To connect a mobile device to the TRACK PACE app:

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

Multimedia system:

↳ TRACK PACE ▶ Options

#### **Connecting a mobile device via the TRACK PACE app**

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

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

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

#### **De-authorizing the mobile device**

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

#### **Setting the TRACK PACE display in the Head-up Display**

- ▶ Select **HUD Content**.
- ▶ Activate or deactivate the desired contents. The contents in the Head-up Display are adapted.
- ❗ For further information on the Head-up Display, see (→ page 25).

#### **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.

### 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.

### 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.

## 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.

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

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

Never refuel with one of the following fuels:

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

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

If you have accidentally refueled with the wrong fuel:

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

If the available fuel is not sufficiently low in sulfur, it may produce unpleasant odors.

Refuel using only premium-grade unleaded gasoline 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 of 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:** on the <https://www.mbusa.com>

## Tank content and fuel reserve (Mercedes-AMG vehicles)

### Total fuel tank capacity

| Sedan and Wagon |                        |
|-----------------|------------------------|
| All models      | 21.1 gal (80.0 liters) |

### Fuel tank reserve

| Sedan and Wagon |                       |
|-----------------|-----------------------|
| All models      | 3.2 gal (12.0 liters) |

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

### Engine oil specification

| Sedan and Wagon                           | MB-Freigabe or MB-Approval                           |
|-------------------------------------------|------------------------------------------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan)         | 229.51, 229.52, 229.61, 229.71, 229.72 <sup>2)</sup> |
| Mercedes-AMG E 63 S 4MATIC+ <sup>1)</sup> | 229.5 <sup>2)</sup> , 229.51                         |

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

2) 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. Observe any possible restrictions of the approved SAE viscosity classes.

### Engine oil filling capacity

| Sedan and Wagon                   | Capacity               |
|-----------------------------------|------------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan) | 9.0 US qt (8.5 liters) |
| Mercedes-AMG E 63 S 4MATIC+       | 9.5 US qt (9.0 liters) |

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

## Coolant filling capacity (Mercedes-AMG vehicles)

### Engine cooling circuit (filling capacity with heating)

| Sedan and Wagon                   | Capacity                 |
|-----------------------------------|--------------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan) | 11.7 US qt (11.1 liters) |
| Mercedes-AMG E 63 S 4MATIC+       | 16.0 US qt (15.1 liters) |

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

### Refrigerant filling capacity

#### Sedan and Wagon

|                                   |                               |
|-----------------------------------|-------------------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan) | 21.5 ± 0.4 oz<br>(610 ± 10 g) |
| Mercedes-AMG E 63 S 4MATIC+       | 22.2 ± 0.4 oz<br>(630 ± 10 g) |

### Filling capacity for PAG oil

#### Sedan and Wagon

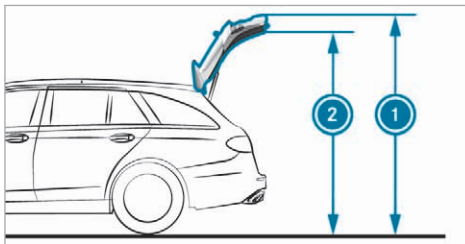
|                                   |                              |
|-----------------------------------|------------------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan) | 5.0 ± 0.4 oz<br>(140 ± 10 g) |
| Mercedes-AMG E 63 S 4MATIC+       | 2.8 ± 0.4 oz<br>(80 ± 10 g)  |

## Vehicle data

### Vehicle dimensions (Mercedes-AMG vehicles)

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

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



① Height when opened (Wagon)

② Headroom (Wagon)

### Height when open and headroom

| Wagon                       | ① Height when open   | ② Headroom           |
|-----------------------------|----------------------|----------------------|
| Mercedes-AMG E 63 S 4MATIC+ | 81.8 in<br>(2077 mm) | 75.2 in<br>(1910 mm) |

### Vehicle dimensions

#### Sedan and Wagon

|                                          |                    |
|------------------------------------------|--------------------|
| Vehicle width including exterior mirrors | 81.3 in (2065 mm)  |
| Wheelbase                                | 115.7 in (2939 mm) |
| Turning circle                           | 41.0 ft (12.5 m)   |

Vehicle length

| Model                               | Vehicle length     |
|-------------------------------------|--------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan)   | 195.0 in (4953 mm) |
| Mercedes-AMG E 63 S 4MATIC+ (Sedan) | 196.2 in (4984 mm) |
| Mercedes-AMG E 63 S 4MATIC+ (Wagon) | 196.7 in (4996 mm) |

Vehicle height

| Model                               | Vehicle height    |
|-------------------------------------|-------------------|
| Mercedes-AMG E 53 4MATIC+ (Sedan)   | 57.0 in (1447 mm) |
| Mercedes-AMG E 63 S 4MATIC+ (Sedan) | 57.5 in (1460 mm) |
| Mercedes-AMG E 63 S 4MATIC+ (Wagon) | 58.0 in (1474 mm) |

Weights and loads (Mercedes-AMG vehicles)

Bear in mind that items of optional equipment increase the curb weight and reduce the payload. Vehicle-specific weight information can be found on the vehicle identification plate.

Maximum design speeds

The maximum design speed can differ from the stated figures in practice. It depends on the operating conditions, optional equipment and tire size. The following values only apply to vehicles with the AMG Driver's Package.

Maximum design speed

| Sedan and Wagon |                    |
|-----------------|--------------------|
| All models      | 155 mph (250 km/h) |

## Display messages

### Vehicle

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

### Driving systems

| Display messages                                 | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                                         |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RACE START Not Possible<br>See Operator's Manual | <ul style="list-style-type: none"> <li>* Possible causes:               <ul style="list-style-type: none"> <li>• The activation conditions have not been fulfilled (→ page 15).</li> </ul> </li> </ul>                                                                                                               |
| RACE START Canceled                              | <ul style="list-style-type: none"> <li>* Possible causes:               <ul style="list-style-type: none"> <li>• You released the accelerator pedal during RACE START.</li> <li>• You depressed the brake pedal during RACE START.</li> </ul> </li> <li>► You can try RACE START again at the next start.</li> </ul> |

| Display messages                                                                                                         | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>DRIFT MODE Currently Unavailable See Operator's Manual</p>                                                            | <p>* Possible causes:</p> <ul style="list-style-type: none"> <li>• The activation conditions have not been fulfilled (→ page 17).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|  <p>Malfunction Drive at Max. 50 mph</p> | <p>* The AMG adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected.</p> <ul style="list-style-type: none"> <li>► Do not drive at speeds greater than 50 mph (80 km/h).</li> <li>► Consult a qualified specialist workshop.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>AMG Suspension System Function Limited See Operator's Manual</p>                                                      | <p>* At least one of the main functions of the AMG adaptive sport suspension system + 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="492 656 1923 881"> <p><b>!</b> <b>NOTE</b> 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>► Drive on carefully.</li> <li>► Reduce speed considerably before taking a bend.</li> <li>► Avoid sudden steering movements.</li> </ul> </div> <p>► Drive on carefully.</p> |

| Display messages | Possible causes/consequences and ► Solutions                                                                                                    |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | <ul style="list-style-type: none"> <li>► Reduce speed considerably before taking a bend.</li> <li>► Avoid sudden steering movements.</li> </ul> |

## Warning and indicator lamps

### Driving systems

| Warning/indicator lamp                                                                                                    | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Suspension warning lamp (yellow)</p> | <p>* The yellow AMG adaptive sport suspension system + warning lamp is lit. There is a malfunction in the AMG adaptive sport suspension system +.</p> <ul style="list-style-type: none"> <li>► Note the messages on the instrument display.</li> </ul>                                       |
|  <p>DRIFT MODE warning lamp</p>          | <p>* DRIFT MODE is activated while the engine is running.</p> <div> <p><b>⚠ WARNING</b> Risk of skidding and having an accident from wheels spinning</p> <p>When you use DRIFT MODE, ESP® is not available.</p> <p>There is an increased risk of skidding and having an accident.</p> </div> |

| Warning/indicator lamp | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                                                                                |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | <ul style="list-style-type: none"> <li>► Do not use DRIFT MODE on normal roads.</li> <li>► DRIFT MODE may only be activated and used on closed race circuits, not on public roads.</li> <li>► Make sure that no persons or obstacles are in the close vicinity of your vehicle.</li> </ul> <p>► Observe the notes on activating DRIFT MODE (→ page 16).</p> |

## Driving safety systems

| Warning/indicator lamp                                                           | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>* The yellow ESP<sup>®</sup> OFF warning lamps are lit while the vehicle is running. ESP<sup>®</sup> is deactivated.</p> <p>Other driving systems and driving safety systems may also be inoperative.</p> <p><b>⚠ WARNING</b> Risk of skidding when driving with ESP<sup>®</sup> deactivated</p> <p>ESP<sup>®</sup> does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.</p> <ul style="list-style-type: none"> <li>► Drive on carefully.</li> <li>► Deactivate ESP<sup>®</sup> only for as long as the situation requires.</li> </ul> <p>If ESP<sup>®</sup> cannot be activated, ESP<sup>®</sup> is malfunctioning.</p> |

| Warning/indicator lamp                                                                                                                                                                                                                                                                                                                                                                                                     | Possible causes/consequences and ► Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>► Have ESP<sup>®</sup> checked immediately at a qualified specialist workshop.</p> <p>► Observe the notes on deactivating ESP<sup>®</sup> (→ page 12).</p>                                                                                                                                                                                                                                                                                                                                                                                                   |
|  <p>The icon consists of a square frame divided into two horizontal sections. The top section contains a black silhouette of a car with two curved arrows pointing outwards from its rear, and the word 'OFF' in bold black capital letters below it. The bottom section contains the text 'ESP SPORT' in bold black capital letters.</p> | <p>* ESP<sup>®</sup> SPORT is activated while the vehicle is running.<br/>When ESP<sup>®</sup> SPORT is activated, ESP<sup>®</sup> will stabilize the vehicle only to a limited extent.</p> <p><b>⚠ WARNING</b> Risk of skidding if ESP<sup>®</sup> SPORT is used incorrectly</p> <p>When you activate ESP<sup>®</sup> SPORT, there is an increased risk of skidding and having an accident.</p> <p>► Activate ESP<sup>®</sup> SPORT only in the circumstances described below.</p> <p>► Observe the notes on activating ESP<sup>®</sup> SPORT (→ page 12).</p> |

## A

|                                                                  |    |
|------------------------------------------------------------------|----|
| <b>AMG</b>                                                       |    |
| Menu (on-board computer).....                                    | 21 |
| <b>AMG adaptive sport suspension system +</b>                    |    |
| Setting the vehicle level.....                                   | 19 |
| <b>AMG ceramic high-performance composite brake system</b> ..... | 9  |
| <b>AMG performance exhaust system</b>                            |    |
| Function.....                                                    | 9  |
| Operating.....                                                   | 9  |
| <b>AMG RIDE CONTROL +</b>                                        |    |
| Function.....                                                    | 18 |
| Selecting the suspension setting.....                            | 19 |
| <b>AMG steering-wheel buttons</b>                                |    |
| Function.....                                                    | 8  |
| <b>AMG TRACK PACE</b>                                            |    |
| Configuring.....                                                 | 31 |
| Drag Race.....                                                   | 30 |
| Function.....                                                    | 27 |
| Telemetry display.....                                           | 31 |
| Track Race.....                                                  | 27 |
| <b>Automatic transmission</b>                                    |    |
| Drive programs.....                                              | 9  |

|                                                            |    |
|------------------------------------------------------------|----|
| DYNAMIC SELECT switch.....                                 | 9  |
| Manual gear shifting.....                                  | 11 |
| Oil temperature (on-board computer, Performance menu)..... | 23 |
| Steering wheel paddle shifters.....                        | 11 |

## B

|                                                                   |    |
|-------------------------------------------------------------------|----|
| <b>Boost pressure (on-board computer, Performance menu)</b> ..... | 23 |
|-------------------------------------------------------------------|----|

## Brakes

|                                                          |   |
|----------------------------------------------------------|---|
| AMG ceramic high-performance composite brake system..... | 9 |
|----------------------------------------------------------|---|

## C

## Care

|                |    |
|----------------|----|
| Tailpipes..... | 33 |
|----------------|----|

## Changing a wheel

|                       |    |
|-----------------------|----|
| Removing a wheel..... | 34 |
|-----------------------|----|

## Climate control

|                                                                  |    |
|------------------------------------------------------------------|----|
| Coolant and PAG oil filling capacity (Mercedes-AMG vehicle)..... | 37 |
|------------------------------------------------------------------|----|

## Cockpit

|                |   |
|----------------|---|
| Dashboard..... | 4 |
|----------------|---|

## Coolant

|                                               |    |
|-----------------------------------------------|----|
| Filling capacity (Mercedes-AMG vehicles)..... | 36 |
|-----------------------------------------------|----|

## D

## Dashboard

|              |   |
|--------------|---|
| Cockpit..... | 4 |
|--------------|---|

## DIRECT SELECT lever

|                          |    |
|--------------------------|----|
| Manual gearshifting..... | 11 |
|--------------------------|----|

## Display messages

|                                                                                                                                   |    |
|-----------------------------------------------------------------------------------------------------------------------------------|----|
|  <b>Malfunction Drive at Max. 50 mph</b> ..... | 40 |
| <b>AMG Suspension System Function Limited See Operator's Manual</b> .....                                                         | 40 |
| <b>DRIFT MODE Currently Unavailable See Operator's Manual</b> .....                                                               | 40 |
| <b>Electronic Rear Axle Differential Lock Currently Unavailable</b> .....                                                         | 39 |
| <b>Electronic Rear Axle Differential Lock Inoperative</b> .....                                                                   | 39 |
| <b>RACE START Canceled</b> .....                                                                                                  | 39 |

|                                                          |    |                                                            |                  |                                                                |          |                             |    |
|----------------------------------------------------------|----|------------------------------------------------------------|------------------|----------------------------------------------------------------|----------|-----------------------------|----|
| RACE START Not Possible See Operator's Manual.....       | 39 | <b>E</b>                                                   | <b>E10</b> ..... | 35                                                             | <b>F</b> | <b>Fuel</b>                 |    |
| <b>Drag Race</b>                                         |    | <b>Electronic Stability Program</b> .....                  | 12               | <b>E10</b> .....                                               | 35       | Flexible fuel vehicles..... | 35 |
| Setting.....                                             | 30 | <b>Emotion Start</b> .....                                 | 8                | Fuel reserve (Mercedes-AMG vehicles)....                       | 36       | Gasoline.....               | 35 |
| <b>DRIFT MODE</b>                                        |    | <b>Engine oil</b>                                          |                  | Gasoline quality.....                                          | 35       | Sulfur content.....         | 35 |
| Activating.....                                          | 17 | Capacity (Mercedes-AMG vehicles).....                      | 36               | Tank content (Mercedes-AMG vehicles)....                       | 36       |                             |    |
| Activation conditions.....                               | 17 | MB-Freigabe or MB-Approval<br>(Mercedes-AMG vehicles)..... | 36               |                                                                |          |                             |    |
| Deactivating.....                                        | 17 | Quality (Mercedes-AMG vehicles).....                       | 36               |                                                                |          |                             |    |
| Function.....                                            | 16 | Temperature (on-board computer, Performance menu).....     | 23               |                                                                |          |                             |    |
| <b>Drive programs</b> .....                              | 9  | <b>ESP®</b>                                                |                  | <b>G</b>                                                       |          |                             |    |
| <b>Driving safety system</b>                             |    | ESP® SPORT.....                                            | 12               | <b>G-Meter (on-board computer, Performance menu).....</b>      | 23       |                             |    |
| ESP® (Electronic Stability Program).....                 | 12 | Function.....                                              | 12               | <b>Gasoline</b> .....                                          | 35       |                             |    |
| <b>Driving system</b>                                    |    | Setting.....                                               | 15               | <b>Gear display (on-board computer, Performance menu).....</b> | 23       |                             |    |
| AMG RIDE CONTROL +.....                                  | 18 | <b>ESP® (Electronic Stability Program)</b>                 |                  | <b>Gearshift</b>                                               |          |                             |    |
| <b>Driving tips</b>                                      |    | Activating/deactivating (button).....                      | 14               | Manual.....                                                    | 11       |                             |    |
| AMG ceramic high-performance composite brake system..... | 9  | Status display (on-board computer, Performance menu).....  | 23               | <b>Glide mode</b> .....                                        | 12       |                             |    |
| <b>Dynamic data</b>                                      |    | <b>Exhaust system</b> .....                                | 9                |                                                                |          |                             |    |
| Displaying.....                                          | 11 |                                                            |                  | <b>H</b>                                                       |          |                             |    |
| <b>DYNAMIC SELECT</b>                                    |    |                                                            |                  | <b>Head-up display</b>                                         |          |                             |    |
| Drive programs.....                                      | 9  |                                                            |                  | Function.....                                                  | 25       |                             |    |
| Function.....                                            | 9  |                                                            |                  |                                                                |          |                             |    |

|                                            |        |
|--------------------------------------------|--------|
| <b>I</b>                                   |        |
| <b>Installing</b>                          |        |
| Tires.....                                 | 34     |
| Wheels.....                                | 34     |
| <b>Instrument display</b>                  |        |
| AMG displays.....                          | 21     |
| Head-up display.....                       | 25     |
| Performance menu.....                      | 23     |
| <b>L</b>                                   |        |
| <b>Level control</b>                       |        |
| AMG RIDE CONTROL +.....                    | 18     |
| <b>M</b>                                   |        |
| <b>Maximum speeds.....</b>                 | 38     |
| <b>Menu (on-board computer)</b>            |        |
| AMG displays.....                          | 21     |
| Overview.....                              | 21     |
| Performance.....                           | 21, 23 |
| <b>O</b>                                   |        |
| <b>On-board computer, Operating system</b> |        |
| AMG menu.....                              | 21     |

|                                                                |    |
|----------------------------------------------------------------|----|
| Menu overview.....                                             | 21 |
| Operating.....                                                 | 21 |
| Performance menu.....                                          | 21 |
| <b>Operating fluids</b>                                        |    |
| Gasoline.....                                                  | 35 |
| <b>Operator's manual.....</b>                                  | 6  |
| <b>P</b>                                                       |    |
| <b>Paddle shifters</b>                                         |    |
| Steering wheel paddle shifters.....                            | 11 |
| <b>Performance (on-board computer, Performance menu).....</b>  | 23 |
| <b>Power output (on-board computer, Performance menu).....</b> | 23 |
| <b>Programs.....</b>                                           | 9  |
| <b>R</b>                                                       |    |
| <b>RACE START</b>                                              |    |
| Activating.....                                                | 15 |
| Activation conditions.....                                     | 15 |
| Information.....                                               | 15 |

|                                                          |    |
|----------------------------------------------------------|----|
| <b>Racetrack mode</b>                                    |    |
| AMG ceramic high-performance composite brake system..... | 9  |
| AMG steering-wheel buttons.....                          | 8  |
| <b>Reserve</b>                                           |    |
| Fuel (Mercedes-AMG vehicles).....                        | 36 |
| <b>Rocking free.....</b>                                 | 11 |
| <b>S</b>                                                 |    |
| <b>Seat belts</b>                                        |    |
| Reduced protection.....                                  | 7  |
| <b>Selecting a gear.....</b>                             | 11 |
| <b>SETUP (on-board computer, Performance menu).....</b>  | 23 |
| <b>Shifting</b>                                          |    |
| Automatic transmission.....                              | 11 |
| Manual.....                                              | 11 |
| Steering wheel paddle shifters.....                      | 11 |
| <b>Side airbag, Airbag</b>                               |    |
| Protection.....                                          | 7  |
| <b>Sports exhaust.....</b>                               | 9  |
| <b>Start/stop button</b>                                 |    |
| Emotion Start.....                                       | 8  |

|                                                       |    |
|-------------------------------------------------------|----|
| <b>Steering wheel paddle shifters</b> .....           | 11 |
| <b>Sulfur content</b> .....                           | 35 |
| <b>Suspension</b>                                     |    |
| AMG RIDE CONTROL + .....                              | 18 |
| Selecting the suspension setting.....                 | 19 |
| Setting the vehicle level.....                        | 19 |
| <b>Suspension level</b>                               |    |
| Setting.....                                          | 19 |
| <b>T</b>                                              |    |
| <b>Tailpipes</b>                                      |    |
| Care.....                                             | 33 |
| <b>Tank content</b>                                   |    |
| Fuel (Mercedes-AMG vehicles).....                     | 36 |
| Reserve (fuel), (Mercedes-AMG vehicles).....          | 36 |
| <b>Technical data</b>                                 |    |
| Maximum speeds.....                                   | 38 |
| <b>Telemetry display</b>                              |    |
| Calling up.....                                       | 31 |
| <b>Temperature</b>                                    |    |
| Engine oil (on-board computer, Performance menu)..... | 23 |

|                                                             |    |
|-------------------------------------------------------------|----|
| Transmission oil (on-board computer, Performance menu)..... | 23 |
| <b>Tires</b>                                                |    |
| Installing.....                                             | 34 |
| Removing.....                                               | 34 |
| <b>Torque (on-board computer, Performance menu)</b> .....   | 23 |
| <b>Touch Control</b>                                        |    |
| On-board computer.....                                      | 21 |
| <b>Track Race</b>                                           |    |
| Setting.....                                                | 27 |

|                                           |    |
|-------------------------------------------|----|
| <b>V</b>                                  |    |
| <b>vehicle</b>                            |    |
| Emotion Start.....                        | 8  |
| Equipment.....                            | 6  |
| Rocking free.....                         | 11 |
| <b>Vehicle data</b>                       |    |
| Maximum speeds.....                       | 38 |
| Turning radius (Mercedes-AMG vehicles)..  | 37 |
| Vehicle height (Mercedes-AMG vehicles)..  | 37 |
| Vehicle length (Mercedes-AMG vehicles)..  | 37 |
| Vehicle width (Mercedes-AMG vehicle)..... | 37 |
| Weights (Mercedes-AMG vehicles).....      | 38 |

|                                                         |    |
|---------------------------------------------------------|----|
| Wheelbase (Mercedes-AMG vehicles).....                  | 37 |
| <b>Vehicle dimensions (Mercedes-AMG vehicles)</b> ..... | 37 |
| <b>Vehicle equipment</b> .....                          | 6  |

**W**

|                                                                                                                        |    |
|------------------------------------------------------------------------------------------------------------------------|----|
| <b>Warm-up (on-board computer, Performance menu)</b> .....                                                             | 23 |
| <b>Warning/indicator lamp</b>                                                                                          |    |
|  DRIFT MODE warning lamp.....       | 41 |
|  Suspension warning lamp (yellow).. | 41 |
| <b>Wheel change</b>                                                                                                    |    |
| Installing a new wheel.....                                                                                            | 34 |
| <b>Wheels</b>                                                                                                          |    |
| Installing.....                                                                                                        | 34 |
| Removing.....                                                                                                          | 34 |



## Publication details

### Internet

Further information about Mercedes-Benz vehicles and 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

©Mercedes-Benz AG: Not to be reprinted, translated or otherwise reproduced, in whole or in part, without written permission from Mercedes-Benz AG.

### Vehicle manufacturer

Mercedes-Benz AG

Mercedesstraße 120

70372 Stuttgart

Germany



2135842323

Order no. P213 1794 13 Part no. 213 584 23 23  
Edition B-2023